

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050324\
 Data File : VN081983.D
 Acq On : 03 May 2024 11:07
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/06/2024
 Supervised By : Semsettin Yesilyurt 05/06/2024

Quant Time: May 06 01:51:24 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042524W.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 26 05:26:49 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.224	168	182989	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	362356	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	308072	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	129070	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	162536	52.628	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	105.260%
35) Dibromofluoromethane	8.165	113	118237	54.195	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	108.400%
50) Toluene-d8	10.565	98	469947	54.846	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	109.700%
62) 4-Bromofluorobenzene	12.847	95	155418	45.885	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	91.760%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	110981	43.205	ug/l	97
3) Chloromethane	2.359	50	115362	43.049	ug/l	97
4) Vinyl Chloride	2.512	62	112785	46.495	ug/l	93
5) Bromomethane	2.947	94	57124	55.963	ug/l	95
6) Chloroethane	3.118	64	66789	54.476	ug/l	99
7) Trichlorofluoromethane	3.500	101	164005	43.707	ug/l	94
8) Diethyl Ether	3.965	74	85695	53.761	ug/l	90
9) 1,1,2-Trichlorotrifluo...	4.371	101	108774	49.929	ug/l	94
10) Methyl Iodide	4.588	142	102602	53.771	ug/l	95
11) Tert butyl alcohol	5.524	59	128795	229.402	ug/l	97
12) 1,1-Dichloroethene	4.336	96	108328	48.877	ug/l	86
13) Acrolein	4.183	56	96118	218.535	ug/l	99
14) Allyl chloride	5.024	41	196681	41.953	ug/l	91
15) Acrylonitrile	5.718	53	350338	259.866	ug/l	99
16) Acetone	4.424	43	231996	254.120	ug/l	91
17) Carbon Disulfide	4.712	76	277164	41.607	ug/l	98
18) Methyl Acetate	5.024	43	171291	54.757	ug/l	93
19) Methyl tert-butyl Ether	5.800	73	426007	50.939	ug/l	97
20) Methylene Chloride	5.277	84	130440	49.284	ug/l	89
21) trans-1,2-Dichloroethene	5.788	96	114205	47.260	ug/l #	81
22) Diisopropyl ether	6.671	45	471343	51.958	ug/l #	94
23) Vinyl Acetate	6.606	43	1895069	257.101	ug/l #	93
24) 1,1-Dichloroethane	6.571	63	244341	51.748	ug/l	97
25) 2-Butanone	7.482	43	446962	254.987	ug/l	89
26) 2,2-Dichloropropane	7.488	77	198758	45.760	ug/l	99
27) cis-1,2-Dichloroethene	7.488	96	144195	51.065	ug/l	89
28) Bromochloromethane	7.812	49	119012	53.032	ug/l #	78
29) Tetrahydrofuran	7.841	42	313607	249.486	ug/l	90
30) Chloroform	7.965	83	227108	48.525	ug/l	93
31) Cyclohexane	8.259	56	211495	45.459	ug/l	87
32) 1,1,1-Trichloroethane	8.171	97	185768	44.508	ug/l	94
36) 1,1-Dichloropropene	8.377	75	161419	45.479	ug/l	95
37) Ethyl Acetate	7.565	43	187390	48.830	ug/l	100
38) Carbon Tetrachloride	8.365	117	146367	42.193	ug/l	95
39) Methylcyclohexane	9.600	83	197634	45.848	ug/l	93
40) Benzene	8.606	78	528337	49.586	ug/l	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.782	41	113122	46.197	ug/l	89
42) 1,2-Dichloroethane	8.671	62	177269	44.804	ug/l	100
43) Isopropyl Acetate	8.688	43	347057	48.097	ug/l	94
44) Trichloroethene	9.347	130	111735	45.484	ug/l	95
45) 1,2-Dichloropropane	9.623	63	141417	50.714	ug/l	97
46) Dibromomethane	9.706	93	89018	46.187	ug/l	89
47) Bromodichloromethane	9.888	83	183283	45.092	ug/l	97
48) Methyl methacrylate	9.682	41	159817	46.395	ug/l	88
49) 1,4-Dioxane	9.706	88	50200	958.816	ug/l #	80
51) 4-Methyl-2-Pentanone	10.447	43	1006786	247.850	ug/l	95
52) Toluene	10.629	92	311416	48.805	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	204485	46.235	ug/l	100
54) cis-1,3-Dichloropropene	10.318	75	220629	48.402	ug/l	93
55) 1,1,2-Trichloroethane	11.018	97	123578	49.245	ug/l	98
56) Ethyl methacrylate	10.876	69	229573	48.044	ug/l	87
57) 1,3-Dichloropropane	11.165	76	219574	49.216	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	563321	258.780	ug/l	92
59) 2-Hexanone	11.194	43	738212	244.198	ug/l	97
60) Dibromochloromethane	11.359	129	124724	46.925	ug/l	97
61) 1,2-Dibromoethane	11.470	107	115597	48.170	ug/l	96
64) Tetrachloroethene	11.106	164	94383	42.182	ug/l	89
65) Chlorobenzene	11.894	112	327205	48.636	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.964	131	107533	49.181	ug/l	97
67) Ethyl Benzene	11.964	91	599893	47.947	ug/l	97
68) m/p-Xylenes	12.070	106	433080	97.042	ug/l	97
69) o-Xylene	12.400	106	213401	48.978	ug/l	94
70) Styrene	12.412	104	365838	48.537	ug/l	96
71) Bromoform	12.582	173	73656	42.850	ug/l #	99
73) Isopropylbenzene	12.694	105	543588	47.369	ug/l	99
74) N-amyl acetate	12.494	43	303993	47.581	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.935	83	176257	51.147	ug/l	95
76) 1,2,3-Trichloropropane	12.994	75	155694m	46.524	ug/l	
77) Bromobenzene	12.976	156	110553	46.038	ug/l	70
78) n-propylbenzene	13.035	91	663819	47.623	ug/l	95
79) 2-Chlorotoluene	13.123	91	396739	44.736	ug/l	93
80) 1,3,5-Trimethylbenzene	13.176	105	440767	45.390	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.735	75	83128	50.901	ug/l #	89
82) 4-Chlorotoluene	13.223	91	396495	46.051	ug/l	94
83) tert-Butylbenzene	13.441	119	366871	45.367	ug/l	92
84) 1,2,4-Trimethylbenzene	13.482	105	441596	45.537	ug/l	99
85) sec-Butylbenzene	13.617	105	547497	48.064	ug/l	96
86) p-Isopropyltoluene	13.729	119	433671	47.415	ug/l	97
87) 1,3-Dichlorobenzene	13.735	146	209358	46.724	ug/l	97
88) 1,4-Dichlorobenzene	13.811	146	217001	49.180	ug/l	97
89) n-Butylbenzene	14.058	91	425945	50.032	ug/l	98
90) Hexachloroethane	14.335	117	83264	46.278	ug/l	86
91) 1,2-Dichlorobenzene	14.106	146	211893	49.330	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	36278	43.241	ug/l	84
93) 1,2,4-Trichlorobenzene	15.394	180	120344	50.079	ug/l	98
94) Hexachlorobutadiene	15.500	225	39715	44.838	ug/l	97
95) Naphthalene	15.641	128	474366	52.240	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	119058	51.603	ug/l	97

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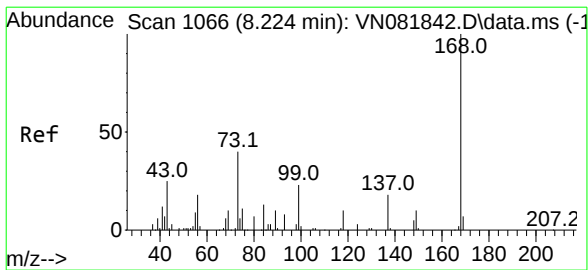
Manual Integrations
APPROVED

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Supervised By :Semsettin Yesilyurt 05/06/2024

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Quant Title : SW846 8260
QLast Update : Fri Apr 26 05:26:49 2024
Response via : Initial Calibration

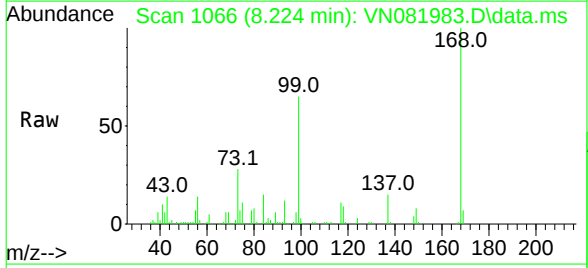
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
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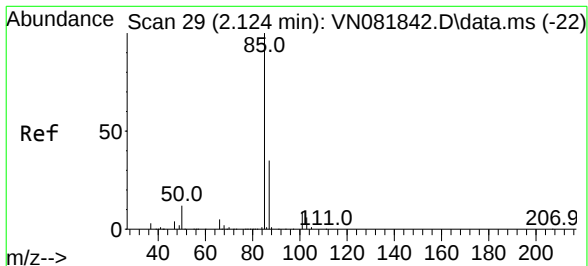
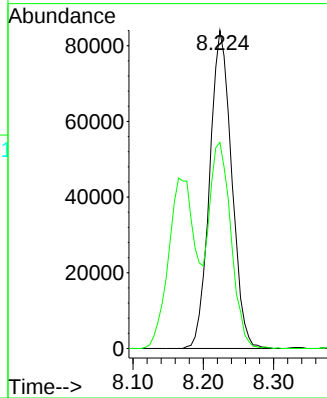
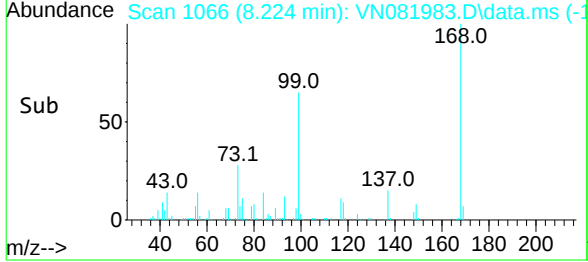
Instrument :
MSVOA_N
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VSTDCCC050



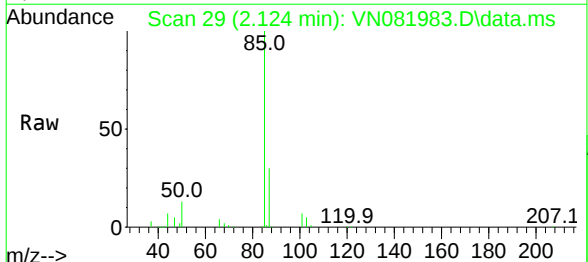
Tgt Ion: 168 Resp: 182989
Ion Ratio Lower Upper
168 100
99 64.6 48.2 72.4

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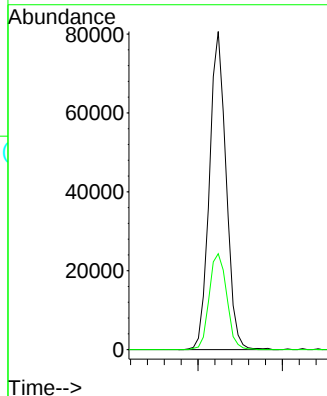
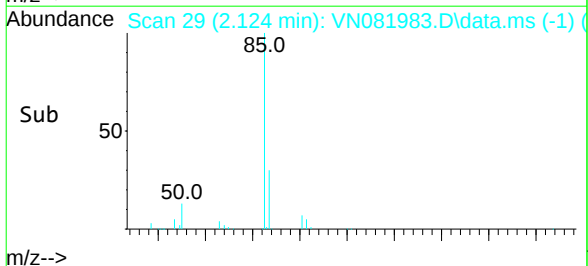
Reviewed By : John Carlone 05/06/2024
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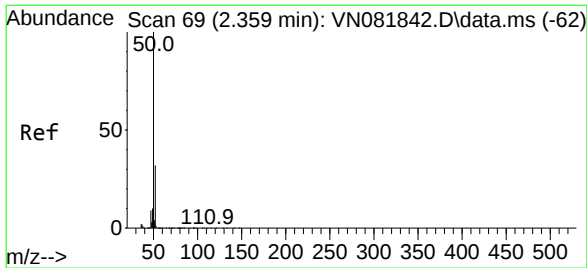


#2
Dichlorodifluoromethane
Concen: 43.205 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN081983.D
Acq: 03 May 2024 11:07



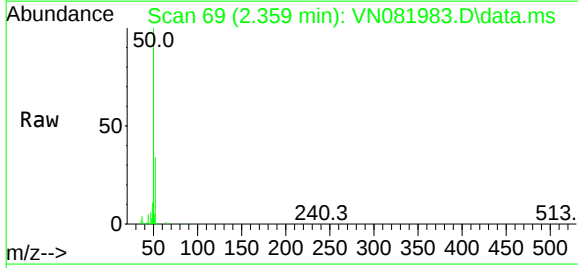
Tgt Ion: 85 Resp: 110981
Ion Ratio Lower Upper
85 100
87 30.1 15.8 47.4





#3
Chloromethane
Concen: 43.049 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN081983.D
Acq: 03 May 2024 11:07

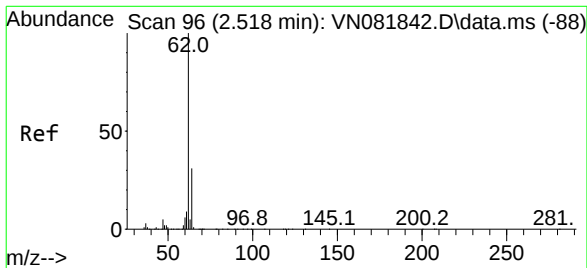
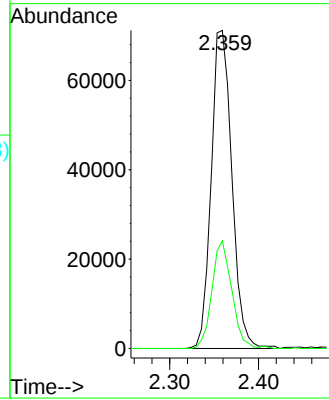
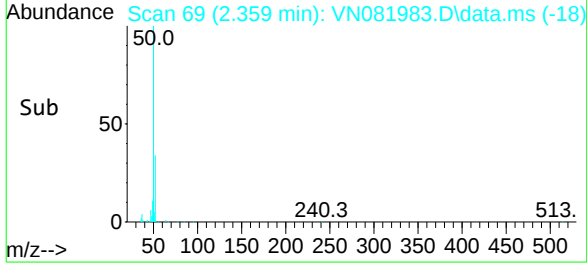
Instrument :
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Tgt Ion: 50 Resp: 115362
Ion Ratio Lower Upper
50 100
52 33.8 25.5 38.3

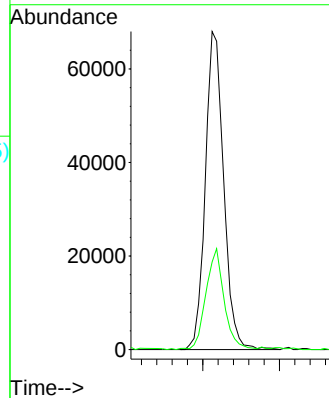
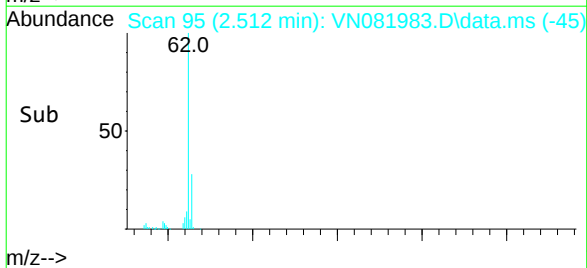
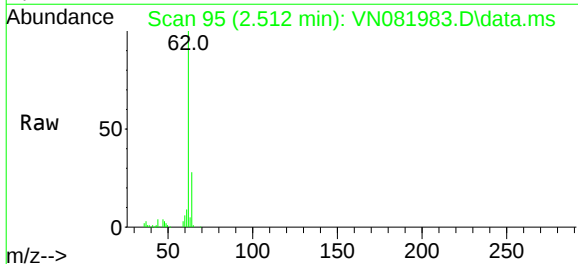
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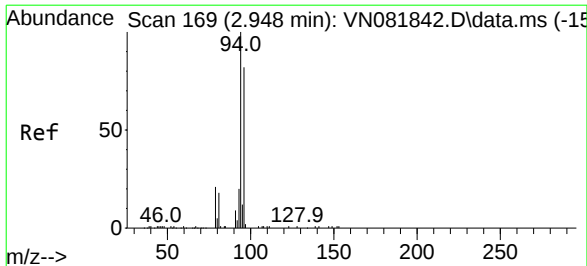
Reviewed By :John Carlone 05/06/2024
Supervised By :Semsettin Yesilyurt 05/06/2024



#4
Vinyl Chloride
Concen: 46.495 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.006 min
Lab File: VN081983.D
Acq: 03 May 2024 11:07

Tgt Ion: 62 Resp: 112785
Ion Ratio Lower Upper
62 100
64 27.2 24.6 37.0





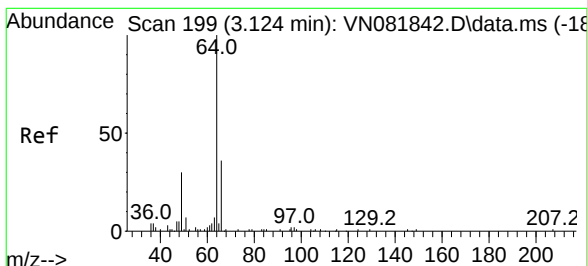
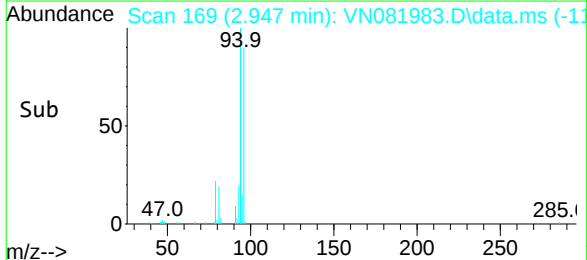
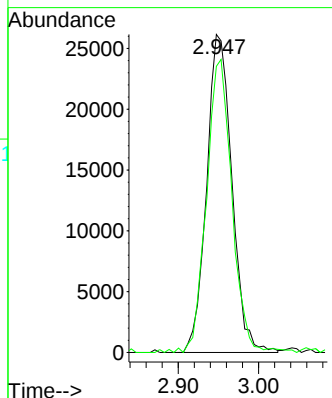
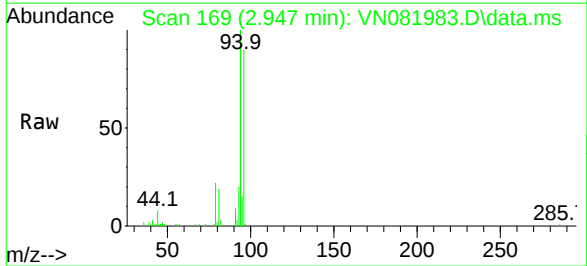
#5
Bromomethane
Concen: 55.963 ug/l
RT: 2.947 min Scan# 169
Delta R.T. -0.001 min
Lab File: VN081983.D
Acq: 03 May 2024 11:07

Instrument :
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Tgt Ion: 94 Resp: 57124
Ion Ratio Lower Upper
94 100
96 89.0 74.8 112.2

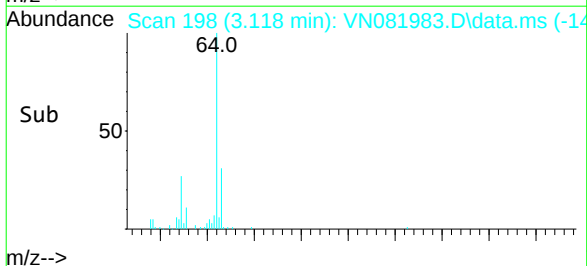
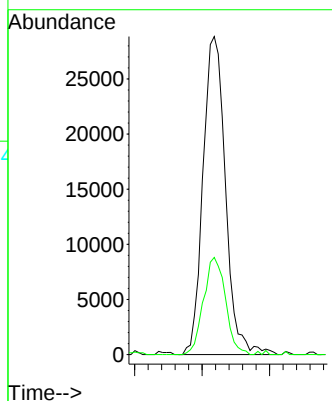
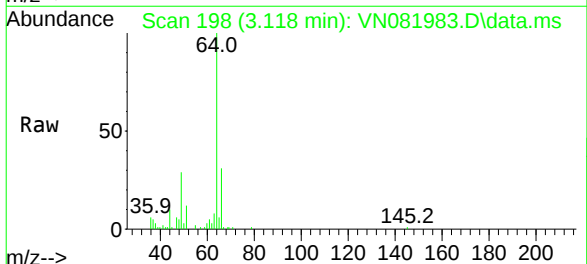
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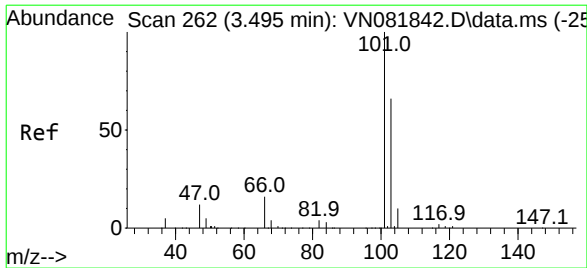
Reviewed By :John Carlone 05/06/2024
Supervised By :Semsettin Yesilyurt 05/06/2024



#6
Chloroethane
Concen: 54.476 ug/l
RT: 3.118 min Scan# 198
Delta R.T. -0.006 min
Lab File: VN081983.D
Acq: 03 May 2024 11:07

Tgt Ion: 64 Resp: 66789
Ion Ratio Lower Upper
64 100
66 30.5 24.7 37.1





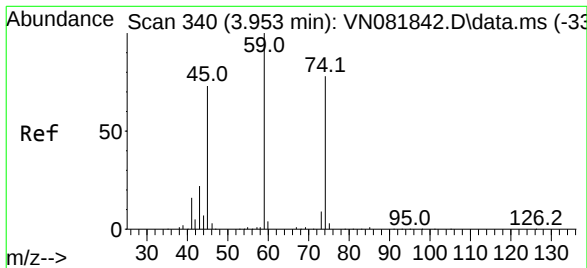
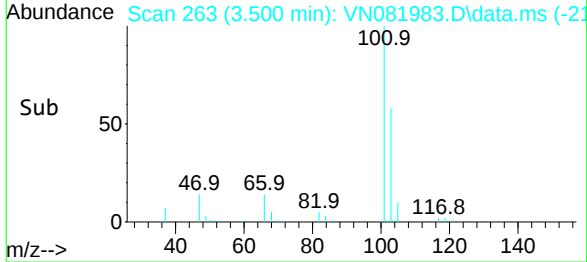
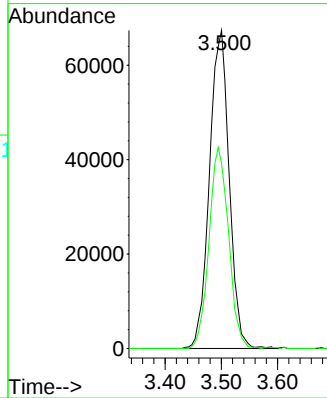
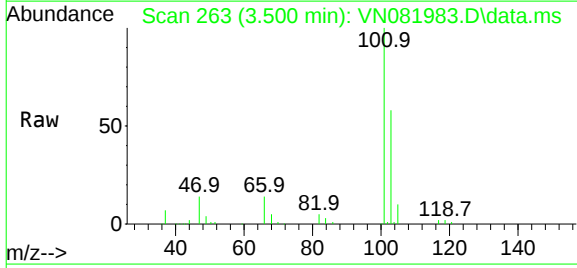
#7
 Trichlorofluoromethane
 Concen: 43.707 ug/l
 RT: 3.500 min Scan# 262
 Delta R.T. 0.006 min
 Lab File: VN081983.D
 Acq: 03 May 2024 11:07

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion:101 Resp: 164005
 Ion Ratio Lower Upper
 101 100
 103 58.2 50.6 75.8

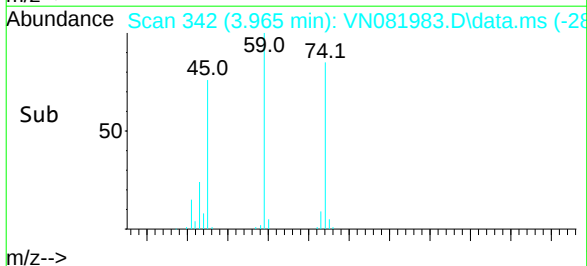
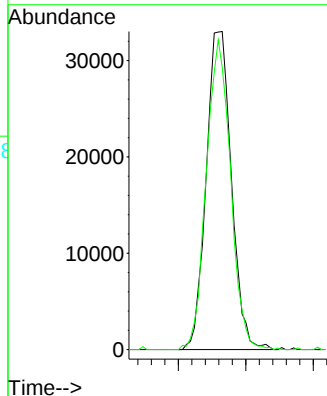
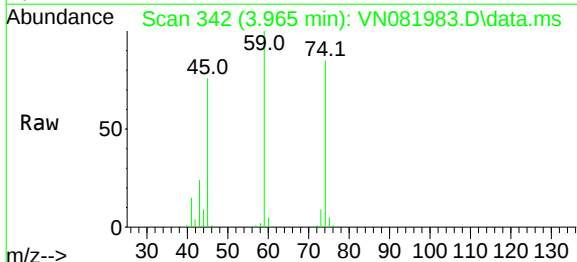
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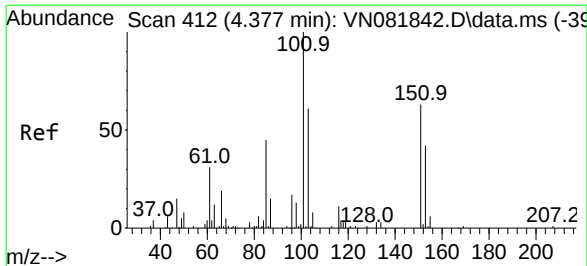
Reviewed By :John Carlone 05/06/2024
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#8
 Diethyl Ether
 Concen: 53.761 ug/l
 RT: 3.965 min Scan# 342
 Delta R.T. 0.012 min
 Lab File: VN081983.D
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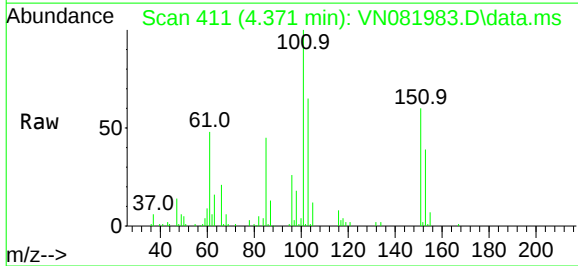
Tgt Ion: 74 Resp: 85695
 Ion Ratio Lower Upper
 74 100
 45 94.0 42.4 127.3





#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.929 ug/l
RT: 4.371 min Scan# 411
Delta R.T. -0.006 min
Lab File: VN081983.D
Acq: 03 May 2024 11:07

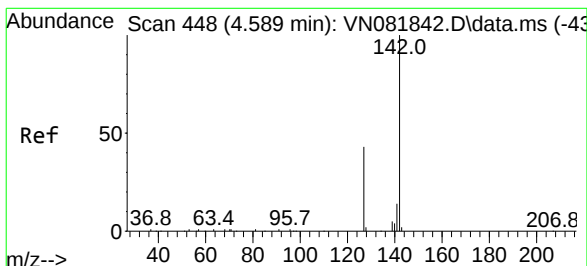
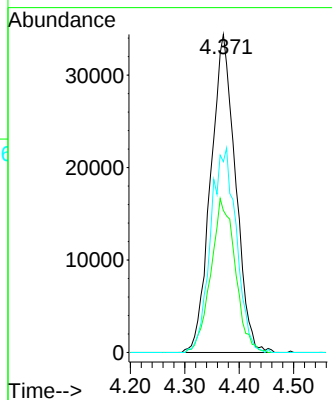
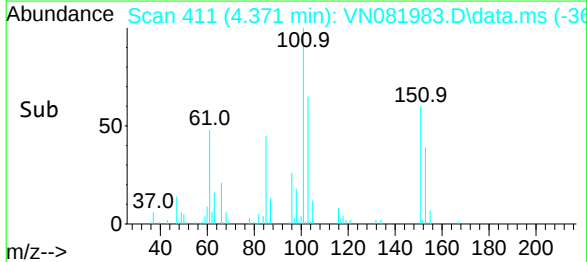
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:101 Resp: 108774
Ion Ratio Lower Upper
101 100
85 47.5 37.3 55.9
151 66.6 59.2 88.8

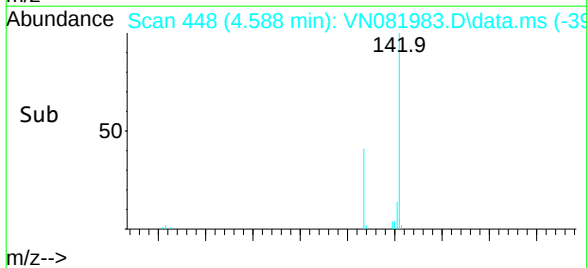
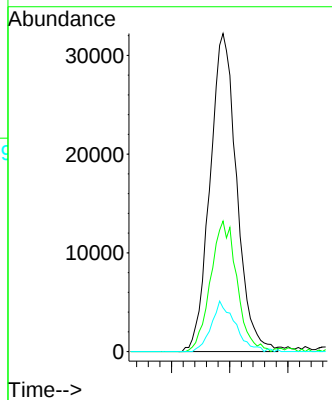
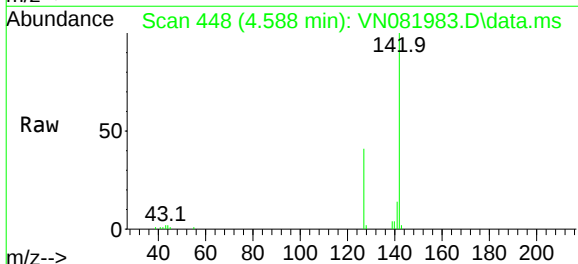
Manual Integrations
APPROVED

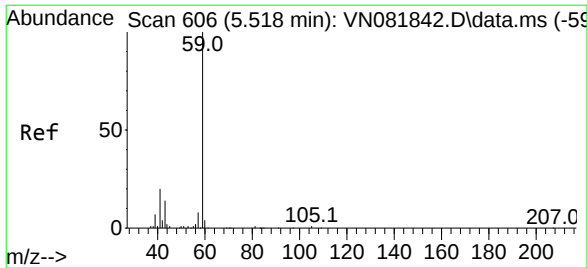
Reviewed By :John Carlone 05/06/2024
Supervised By :Semsettin Yesilyurt 05/06/2024



#10
Methyl Iodide
Concen: 53.771 ug/l
RT: 4.588 min Scan# 448
Delta R.T. -0.000 min
Lab File: VN081983.D
Acq: 03 May 2024 11:07

Tgt Ion:142 Resp: 102602
Ion Ratio Lower Upper
142 100
127 41.0 35.8 53.6
141 13.8 11.4 17.2





#11

Tert butyl alcohol

Concen: 229.402 ug/l

RT: 5.524 min Scan# 606

Delta R.T. 0.006 min

Lab File: VN081983.D

Acq: 03 May 2024 11:07

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 59 Resp: 128795

Ion Ratio Lower Upper

59 100

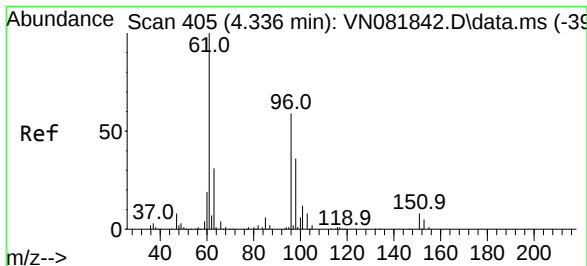
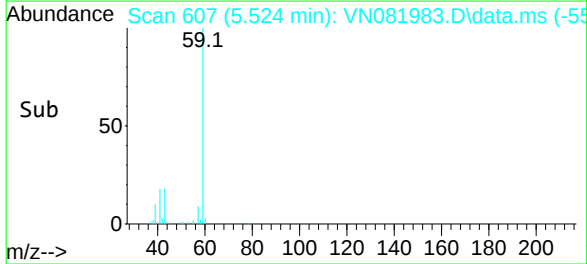
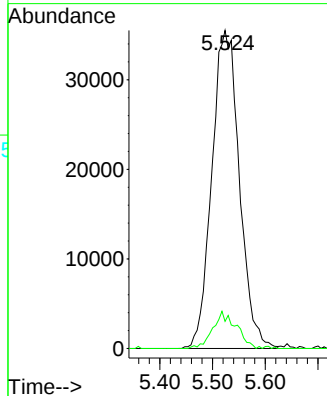
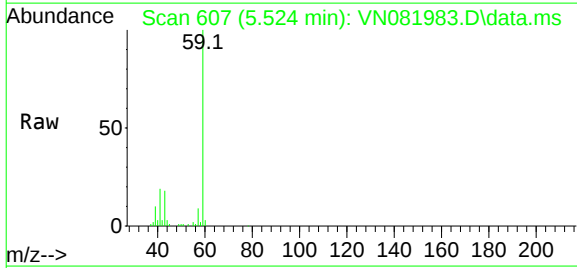
57 10.0 8.9 13.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/06/2024

Supervised By :Semsettin Yesilyurt 05/06/2024



#12

1,1-Dichloroethene

Concen: 48.877 ug/l

RT: 4.336 min Scan# 405

Delta R.T. -0.000 min

Lab File: VN081983.D

Acq: 03 May 2024 11:07

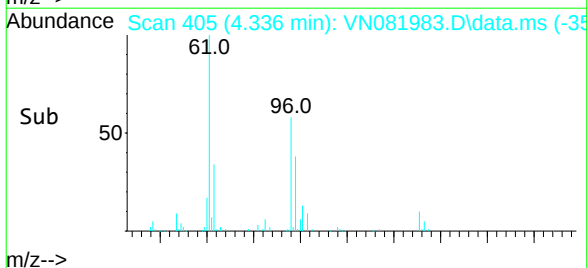
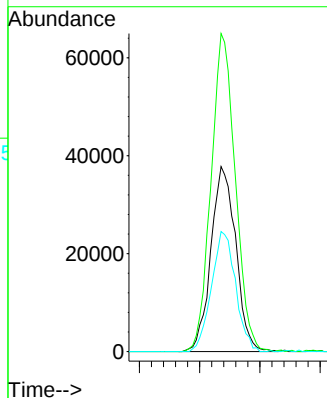
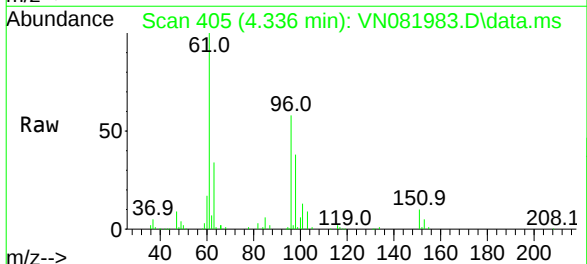
Tgt Ion: 96 Resp: 108328

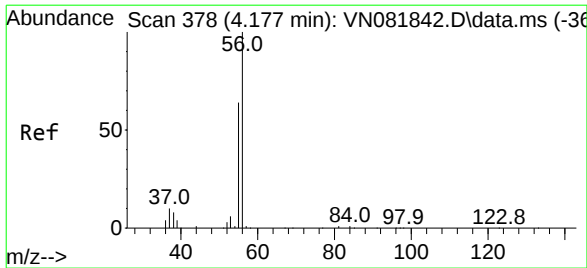
Ion Ratio Lower Upper

96 100

61 171.9 119.7 179.5

98 64.9 49.6 74.4





#13

Acrolein

Concen: 218.535 ug/l

RT: 4.183 min Scan# 37

Delta R.T. 0.006 min

Lab File: VN081983.D

Acq: 03 May 2024 11:07

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 56 Resp: 96118

Ion Ratio Lower Upper

56 100

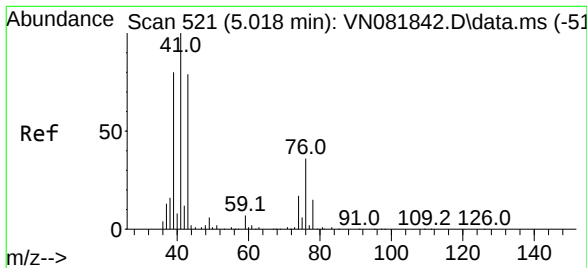
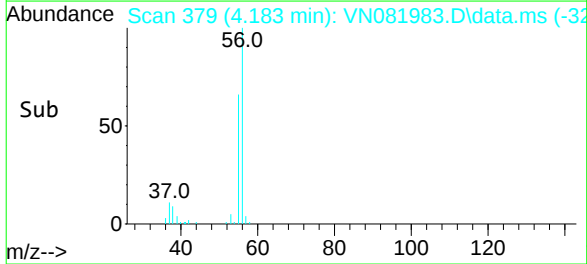
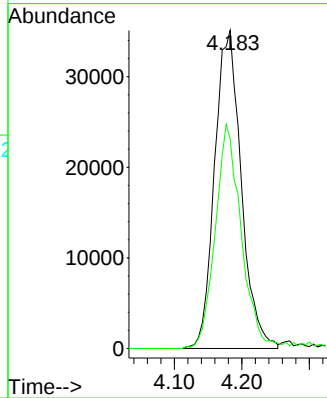
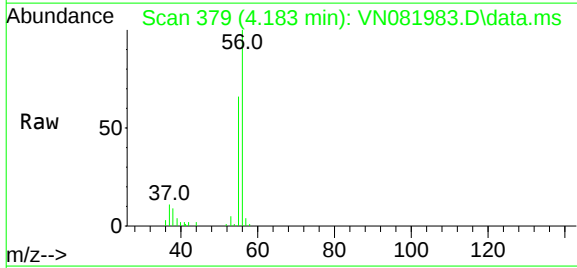
55 68.7 55.8 83.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/06/2024

Supervised By :Semsettin Yesilyurt 05/06/2024



#14

Allyl chloride

Concen: 41.953 ug/l

RT: 5.024 min Scan# 522

Delta R.T. 0.006 min

Lab File: VN081983.D

Acq: 03 May 2024 11:07

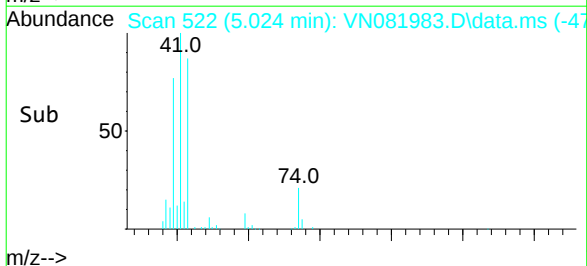
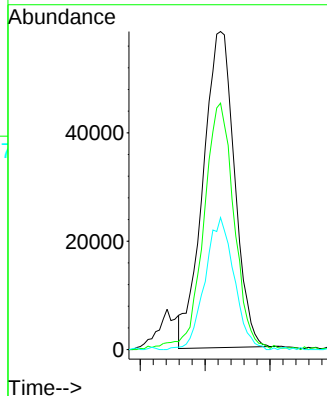
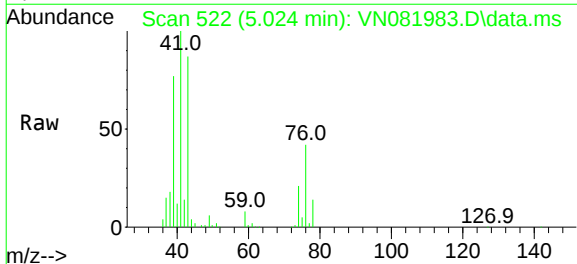
Tgt Ion: 41 Resp: 196681

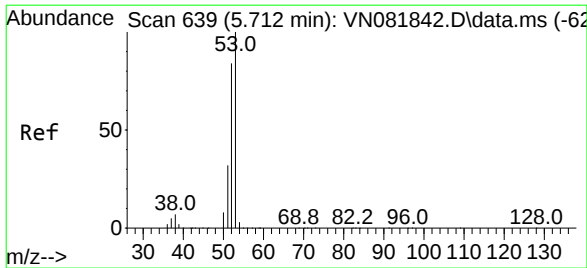
Ion Ratio Lower Upper

41 100

39 75.4 65.4 98.0

76 38.5 37.3 55.9





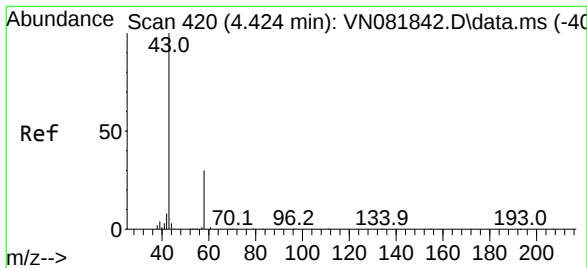
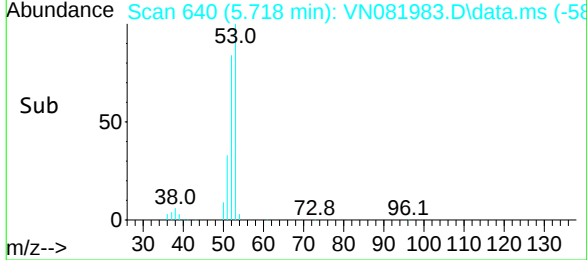
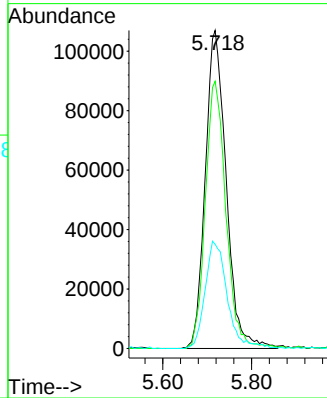
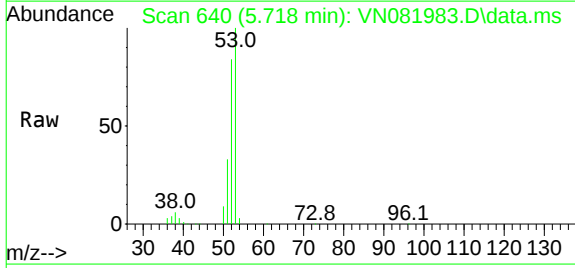
#15
Acrylonitrile
Concen: 259.866 ug/l
RT: 5.718 min Scan# 640
Delta R.T. 0.006 min
Lab File: VN081983.D
Acq: 03 May 2024 11:07

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 53 Resp: 350338
Ion Ratio Lower Upper
53 100
52 82.7 66.1 99.1
51 35.6 29.4 44.2

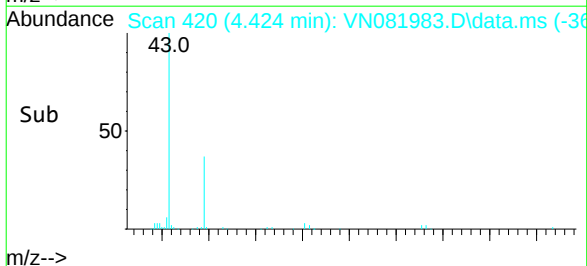
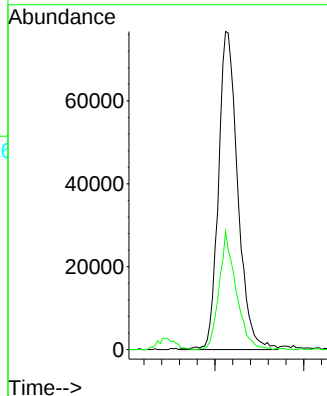
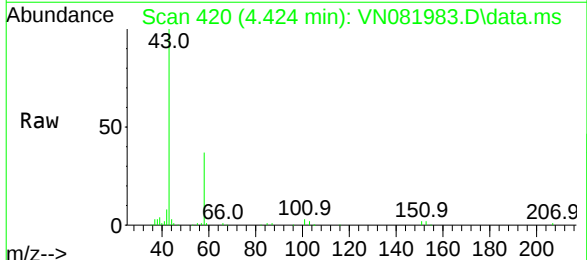
Manual Integrations
APPROVED

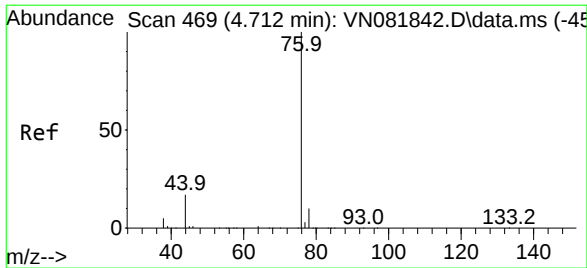
Reviewed By :John Carlone 05/06/2024
Supervised By :Semsettin Yesilyurt 05/06/2024



#16
Acetone
Concen: 254.120 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN081983.D
Acq: 03 May 2024 11:07

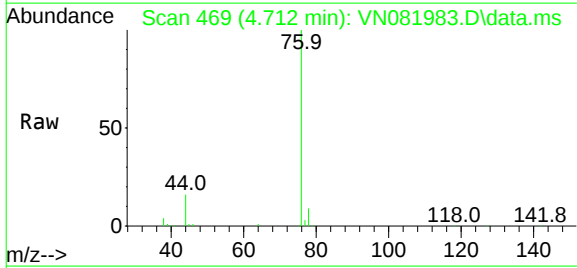
Tgt Ion: 43 Resp: 231996
Ion Ratio Lower Upper
43 100
58 36.7 25.2 37.8





#17
Carbon Disulfide
Concen: 41.607 ug/l
RT: 4.712 min Scan# 469
Delta R.T. -0.000 min
Lab File: VN081983.D
Acq: 03 May 2024 11:07

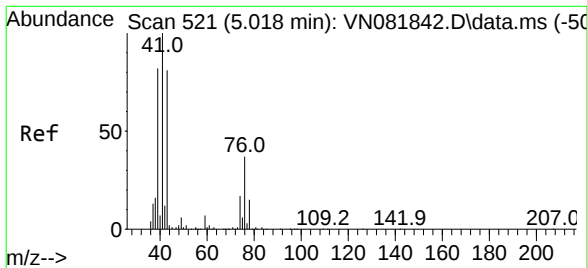
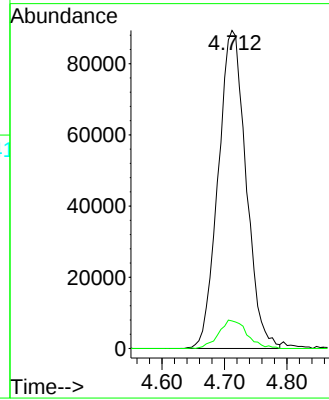
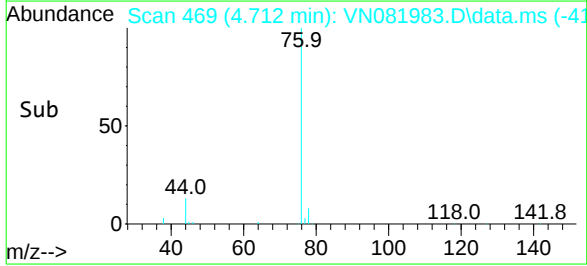
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



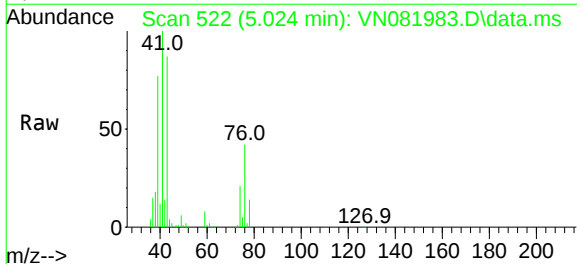
Tgt Ion: 76 Resp: 277164
Ion Ratio Lower Upper
76 100
78 8.7 7.5 11.3

Manual Integrations
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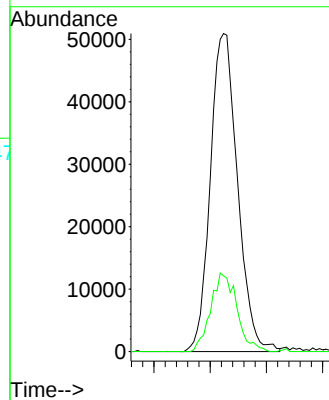
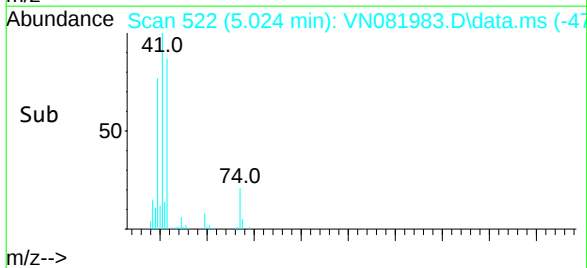
Reviewed By :John Carlone 05/06/2024
Supervised By :Semsettin Yesilyurt 05/06/2024

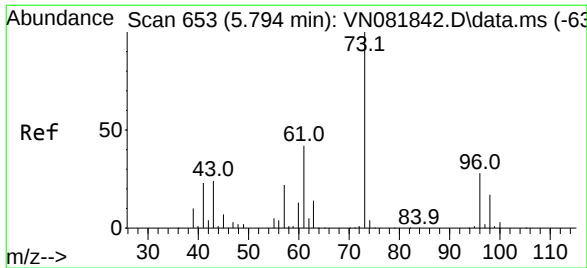


#18
Methyl Acetate
Concen: 54.757 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN081983.D
Acq: 03 May 2024 11:07



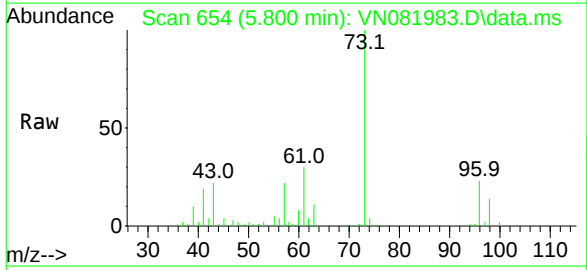
Tgt Ion: 43 Resp: 171291
Ion Ratio Lower Upper
43 100
74 23.8 22.2 33.2





#19
Methyl tert-butyl Ether
Concen: 50.939 ug/l
RT: 5.800 min Scan# 65
Delta R.T. 0.006 min
Lab File: VN081983.D
Acq: 03 May 2024 11:07

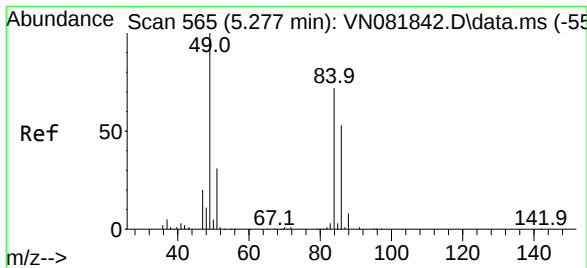
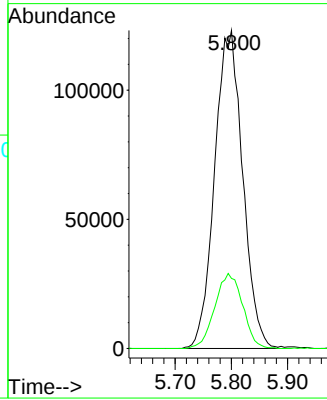
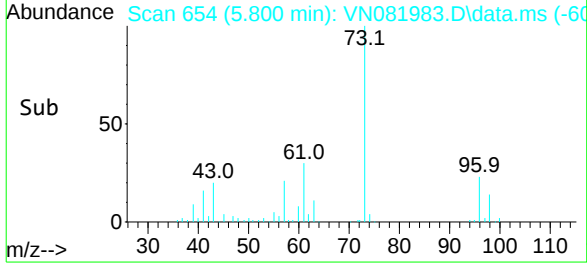
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 73 Resp: 426007
Ion Ratio Lower Upper
73 100
57 22.0 16.5 24.7

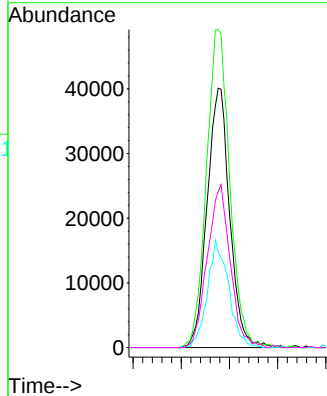
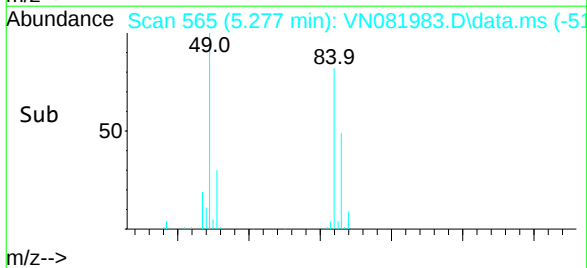
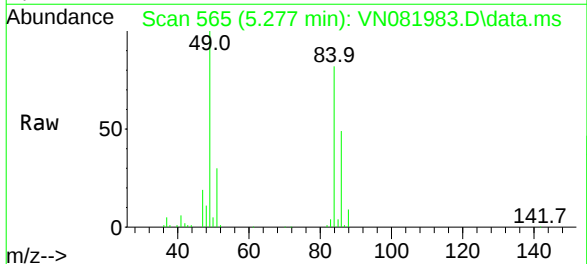
Manual Integrations
APPROVED

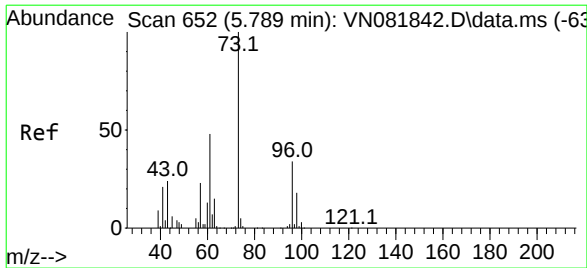
Reviewed By :John Carlone 05/06/2024
Supervised By :Semsettin Yesilyurt 05/06/2024



#20
Methylene Chloride
Concen: 49.284 ug/l
RT: 5.277 min Scan# 565
Delta R.T. -0.000 min
Lab File: VN081983.D
Acq: 03 May 2024 11:07

Tgt Ion: 84 Resp: 130440
Ion Ratio Lower Upper
84 100
49 122.6 84.9 127.3
51 37.1 27.0 40.6
86 60.2 52.3 78.5





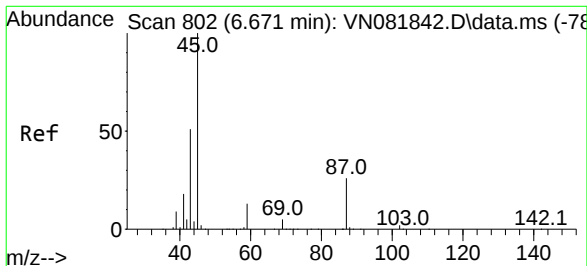
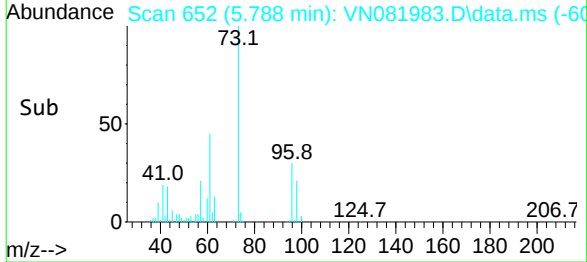
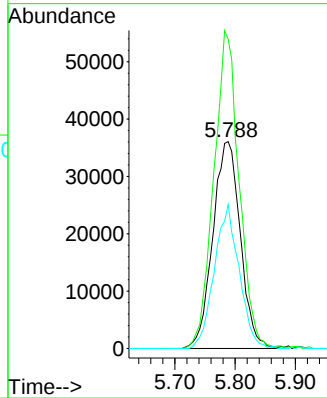
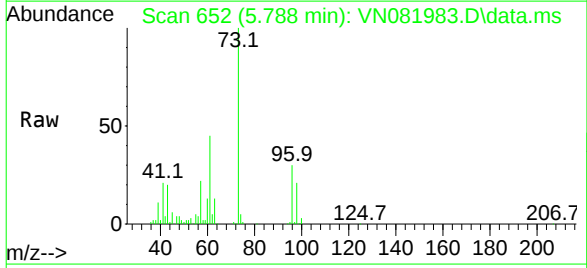
#21
trans-1,2-Dichloroethene
Concen: 47.260 ug/l
RT: 5.788 min Scan# 652
Delta R.T. -0.000 min
Lab File: VN081983.D
Acq: 03 May 2024 11:07

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
96	100		
61	149.4	96.5	144.7#
98	69.5	51.3	76.9

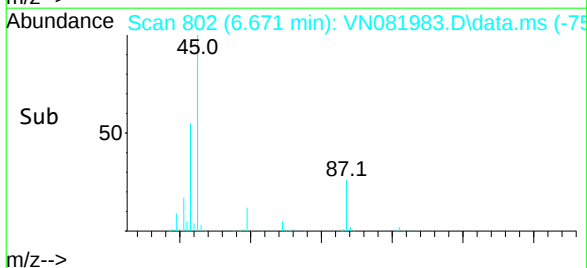
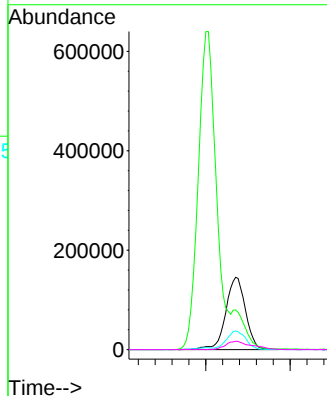
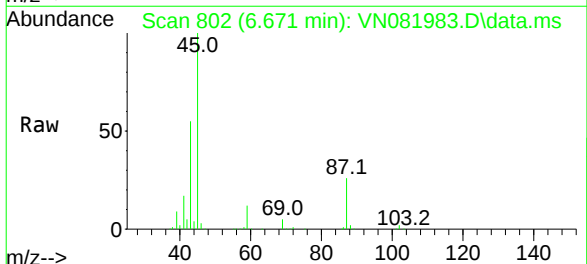
Manual Integrations
APPROVED

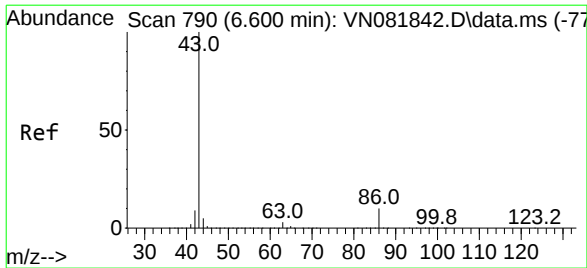
Reviewed By :John Carlone 05/06/2024
Supervised By :Semsettin Yesilyurt 05/06/2024



#22
Diisopropyl ether
Concen: 51.958 ug/l
RT: 6.671 min Scan# 802
Delta R.T. -0.000 min
Lab File: VN081983.D
Acq: 03 May 2024 11:07

Tgt Ion	Ratio	Lower	Upper
45	100		
43	54.2	44.1	66.1
87	25.8	27.0	40.6#
59	11.2	9.6	14.4





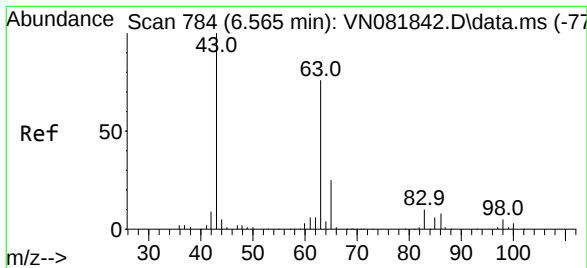
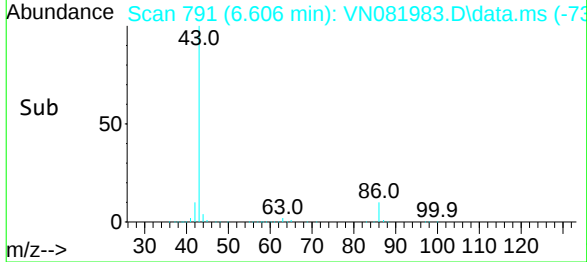
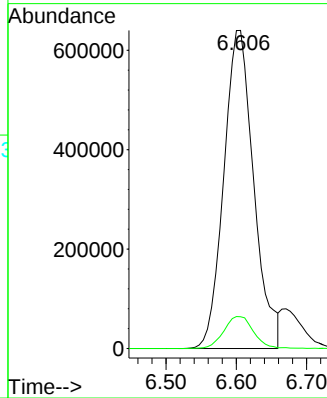
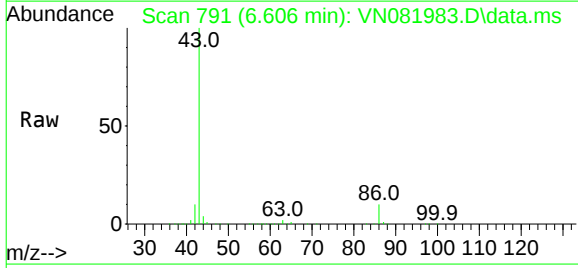
#23
 Vinyl Acetate
 Concen: 257.101 ug/l
 RT: 6.606 min Scan# 791
 Delta R.T. 0.006 min
 Lab File: VN081983.D
 Acq: 03 May 2024 11:07

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 1895069
 Ion Ratio Lower Upper
 43 100
 86 10.0 10.2 15.4#

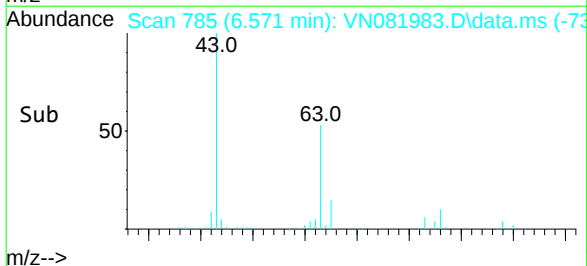
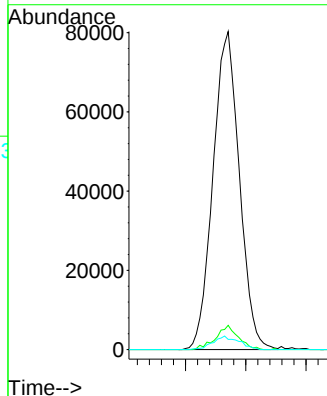
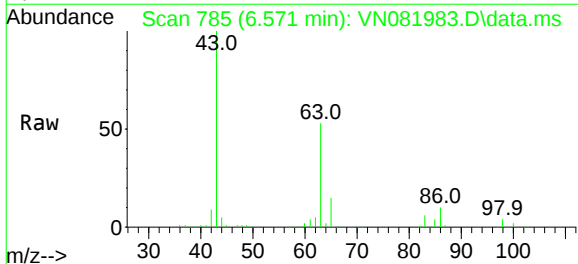
Manual Integrations
 APPROVED

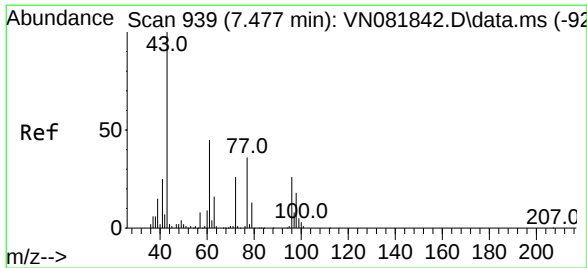
Reviewed By :John Carlone 05/06/2024
 Supervised By :Semsettin Yesilyurt 05/06/2024



#24
 1,1-Dichloroethane
 Concen: 51.748 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. 0.006 min
 Lab File: VN081983.D
 Acq: 03 May 2024 11:07

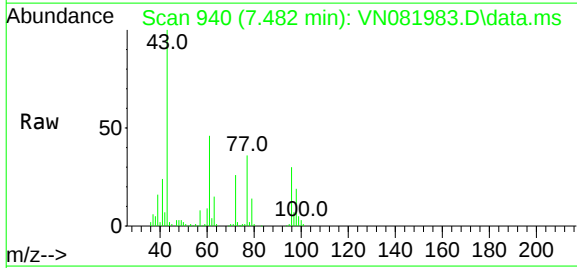
Tgt Ion: 63 Resp: 244341
 Ion Ratio Lower Upper
 63 100
 98 7.6 3.6 10.9
 100 3.2 2.6 7.8





#25
2-Butanone
Concen: 254.987 ug/l
RT: 7.482 min Scan# 940
Delta R.T. 0.006 min
Lab File: VN081983.D
Acq: 03 May 2024 11:07

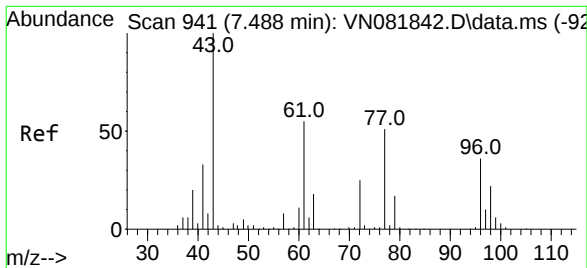
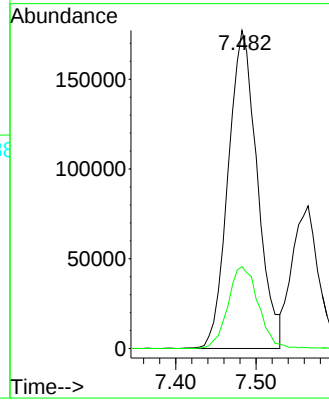
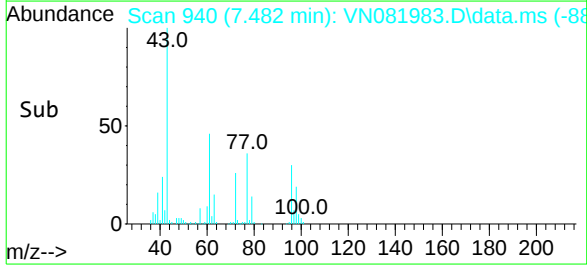
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



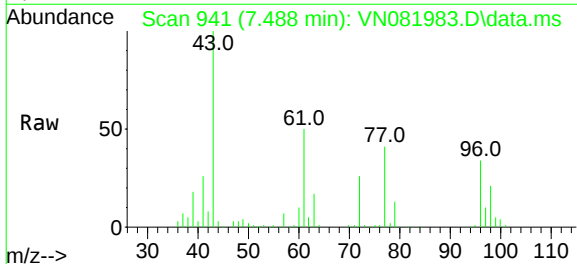
Tgt Ion: 43 Resp: 446962
Ion Ratio Lower Upper
43 100
72 25.7 25.3 37.9

Manual Integrations
APPROVED

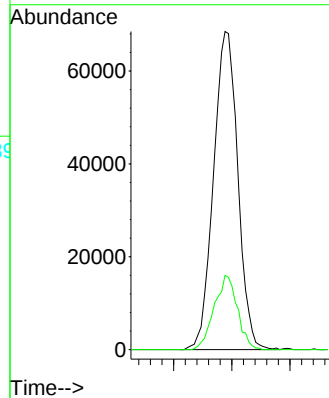
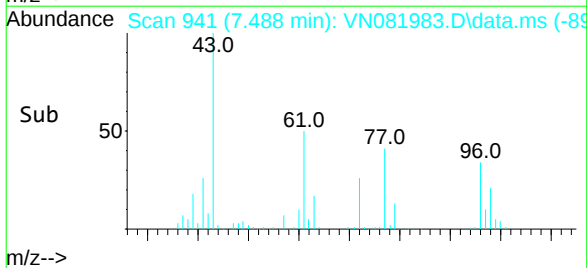
Reviewed By :John Carlone 05/06/2024
Supervised By :Semsettin Yesilyurt 05/06/2024

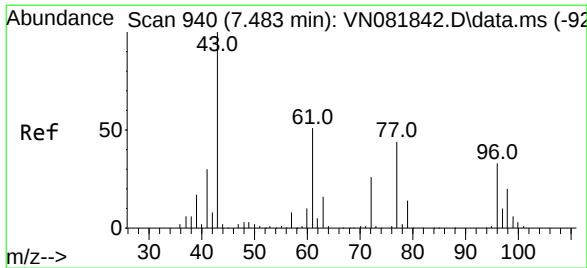


#26
2,2-Dichloropropane
Concen: 45.760 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.000 min
Lab File: VN081983.D
Acq: 03 May 2024 11:07



Tgt Ion: 77 Resp: 198758
Ion Ratio Lower Upper
77 100
97 22.2 11.3 33.9





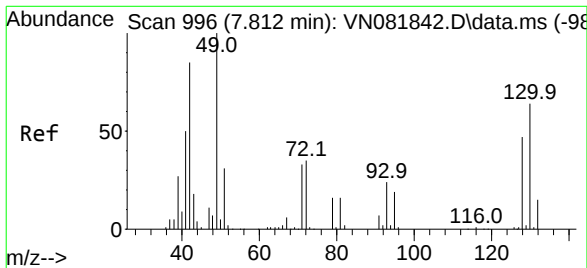
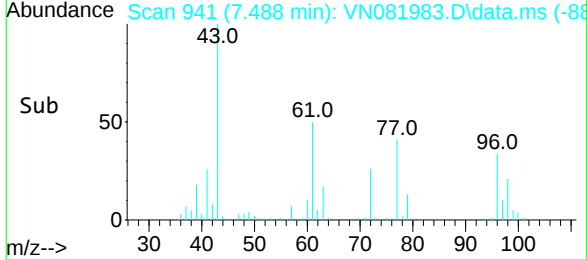
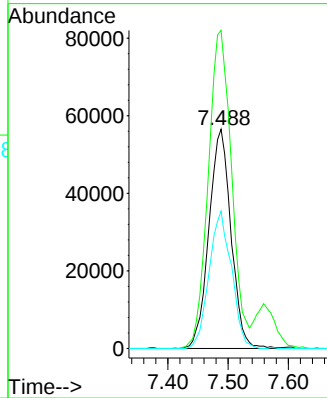
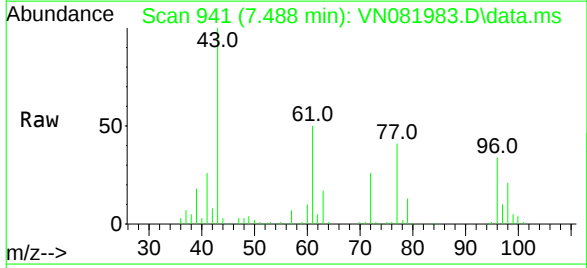
#27
cis-1,2-Dichloroethene
Concen: 51.065 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN081983.D
Acq: 03 May 2024 11:07

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
96	100		
61	152.9	0.0	268.0
98	63.4	0.0	126.8

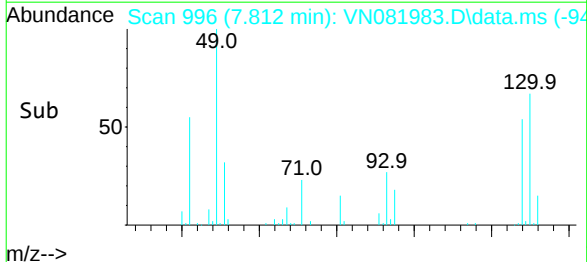
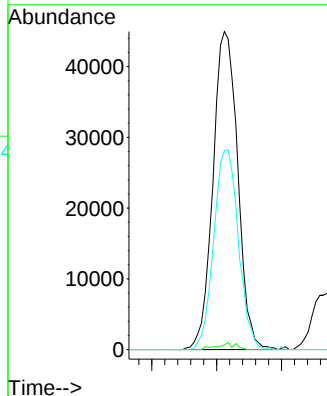
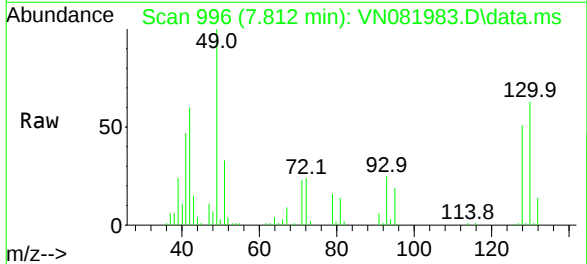
Manual Integrations
APPROVED

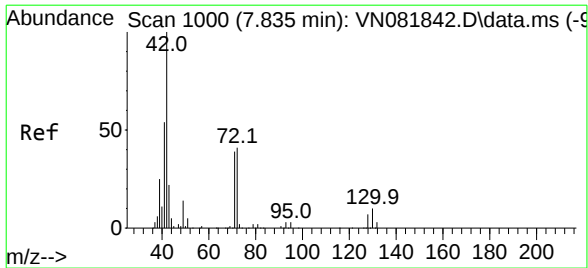
Reviewed By :John Carlone 05/06/2024
Supervised By :Semsettin Yesilyurt 05/06/2024



#28
Bromochloromethane
Concen: 53.032 ug/l
RT: 7.812 min Scan# 996
Delta R.T. -0.000 min
Lab File: VN081983.D
Acq: 03 May 2024 11:07

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.6	0.0	4.6
130	62.8	66.7	100.1#





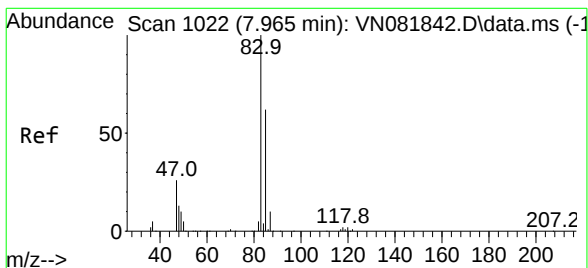
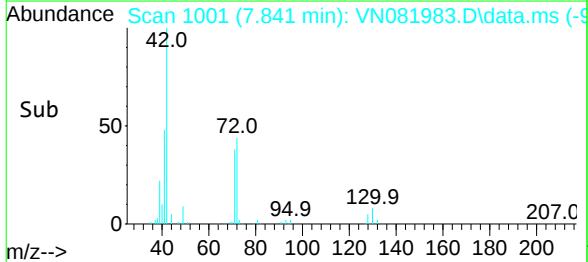
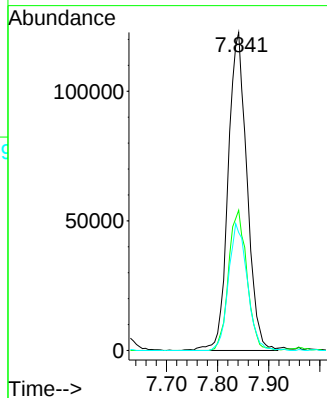
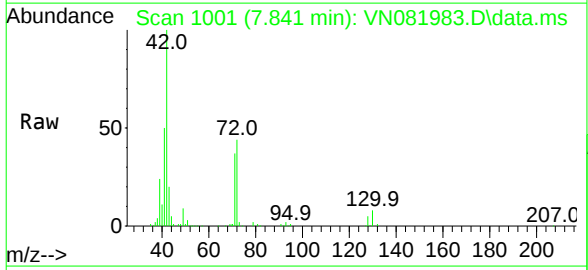
#29
Tetrahydrofuran
Concen: 249.486 ug/l
RT: 7.841 min Scan# 1001
Delta R.T. 0.006 min
Lab File: VN081983.D
Acq: 03 May 2024 11:07

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 42 Resp: 313607
Ion Ratio Lower Upper
42 100
72 43.1 39.3 58.9
71 39.8 37.4 56.0

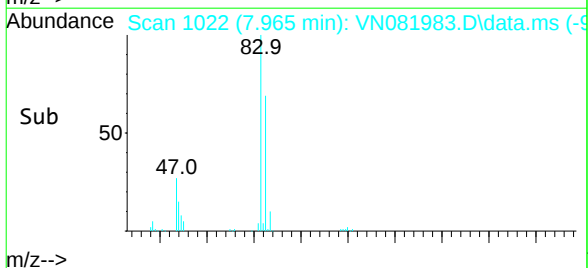
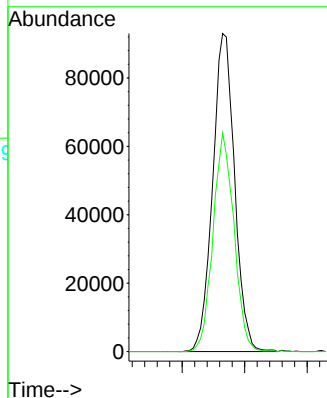
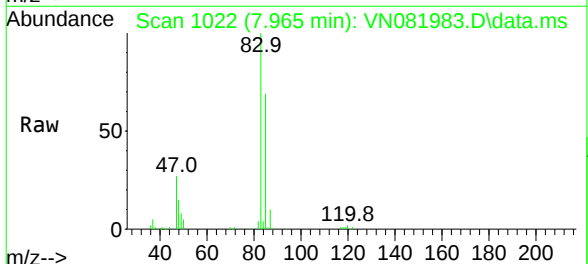
Manual Integrations
APPROVED

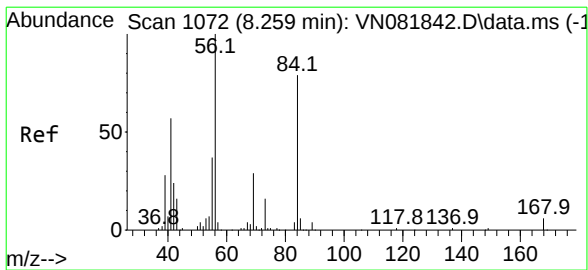
Reviewed By :John Carlone 05/06/2024
Supervised By :Semsettin Yesilyurt 05/06/2024



#30
Chloroform
Concen: 48.525 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. -0.000 min
Lab File: VN081983.D
Acq: 03 May 2024 11:07

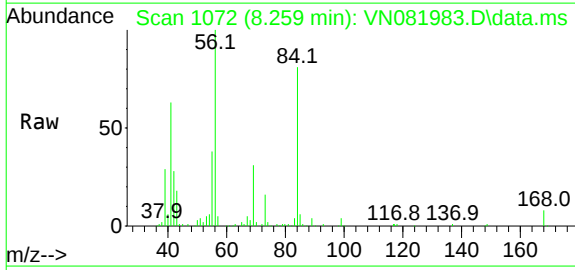
Tgt Ion: 83 Resp: 227108
Ion Ratio Lower Upper
83 100
85 68.7 50.7 76.1





#31
Cyclohexane
Concen: 45.459 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. -0.000 min
Lab File: VN081983.D
Acq: 03 May 2024 11:07

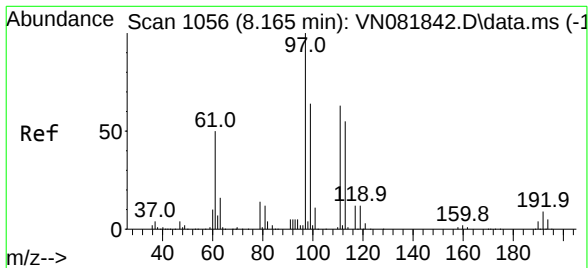
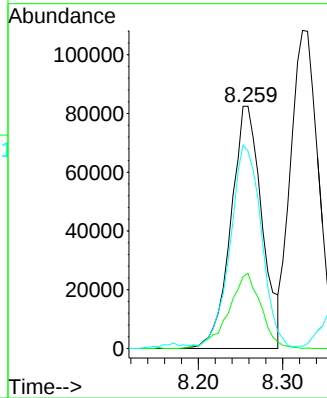
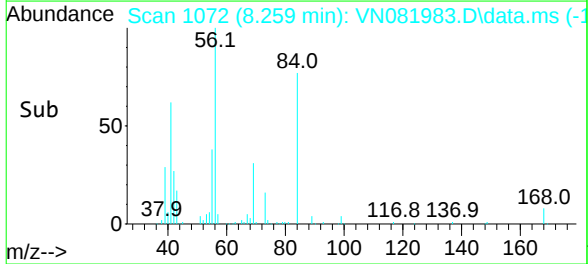
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



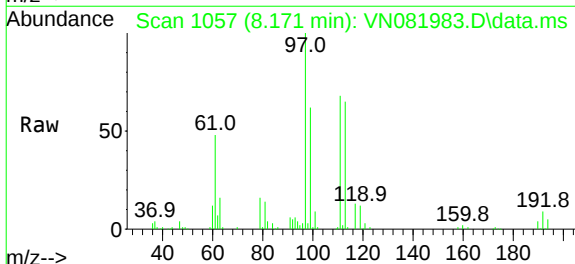
Tgt Ion: 56 Resp: 211495
Ion Ratio Lower Upper
56 100
69 31.1 24.4 36.6
84 80.3 77.0 115.4

Manual Integrations
APPROVED

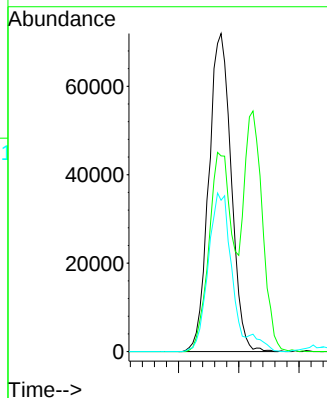
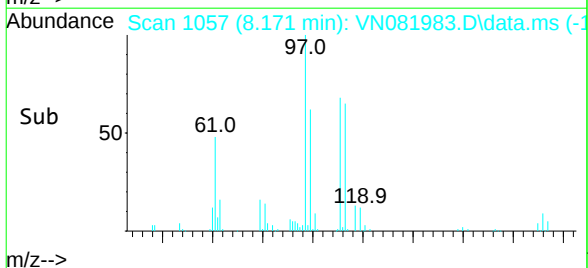
Reviewed By :John Carlone 05/06/2024
Supervised By :Semsettin Yesilyurt 05/06/2024

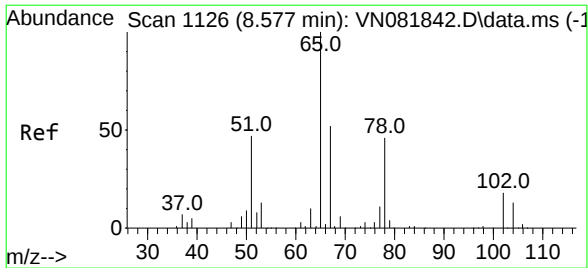


#32
1,1,1-Trichloroethane
Concen: 44.508 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN081983.D
Acq: 03 May 2024 11:07



Tgt Ion: 97 Resp: 185768
Ion Ratio Lower Upper
97 100
99 66.1 50.3 75.5
61 50.7 36.6 55.0





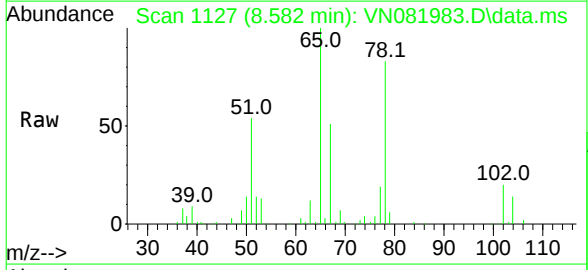
#33
 1,2-Dichloroethane-d4
 Concen: 52.628 ug/l
 RT: 8.582 min Scan# 1126
 Delta R.T. 0.006 min
 Lab File: VN081983.D
 Acq: 03 May 2024 11:07

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

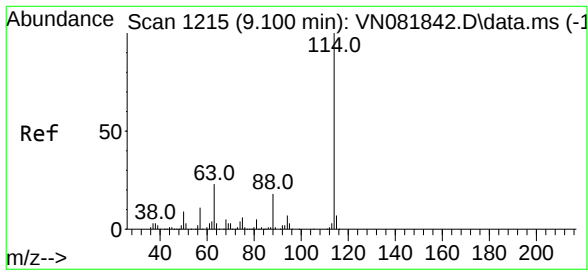
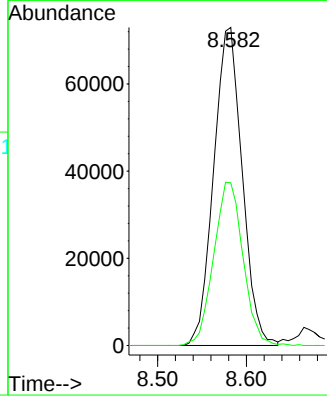
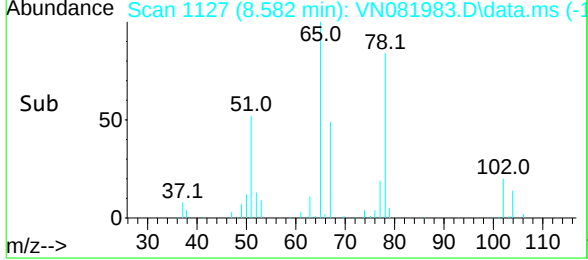


Tgt Ion: 65 Resp: 162536
 Ion Ratio Lower Upper
 65 100
 67 52.9 0.0 103.0

Manual Integrations

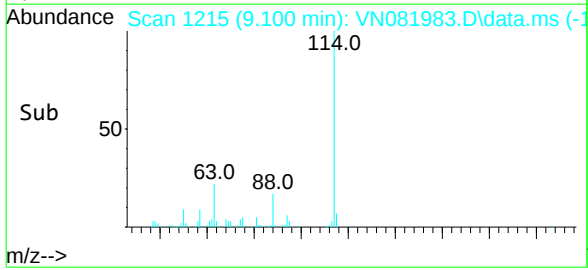
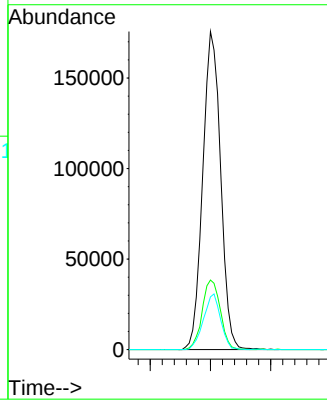
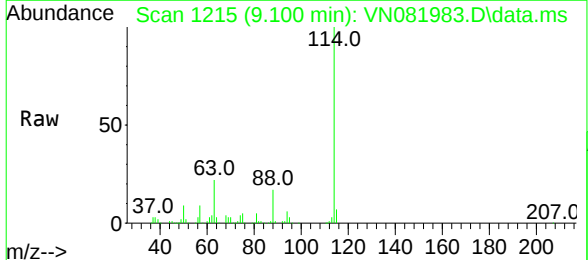
APPROVED

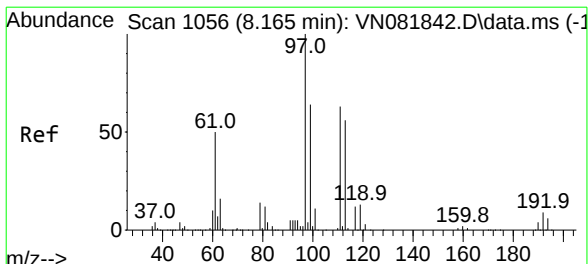
Reviewed By :John Carlone 05/06/2024
 Supervised By :Semsettin Yesilyurt 05/06/2024



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.100 min Scan# 1215
 Delta R.T. -0.000 min
 Lab File: VN081983.D
 Acq: 03 May 2024 11:07

Tgt Ion:114 Resp: 362356
 Ion Ratio Lower Upper
 114 100
 63 21.9 0.0 41.0
 88 16.6 0.0 31.4





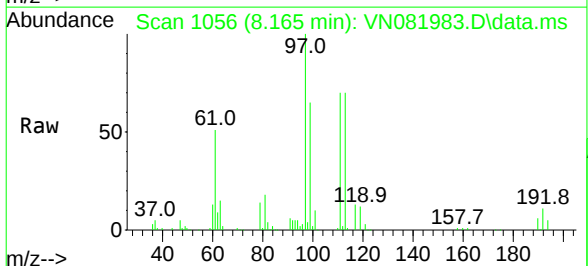
#35
 Dibromofluoromethane
 Concen: 54.195 ug/l
 RT: 8.165 min Scan# 1056
 Delta R.T. -0.000 min
 Lab File: VN081983.D
 Acq: 03 May 2024 11:07

Instrument :

MSVOA_N

ClientSampleId :

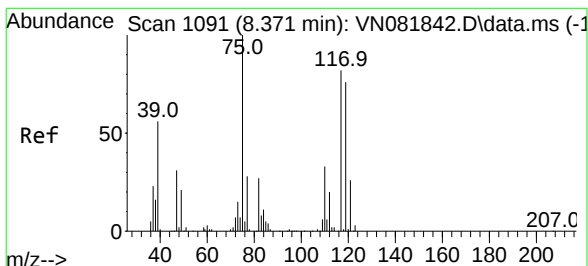
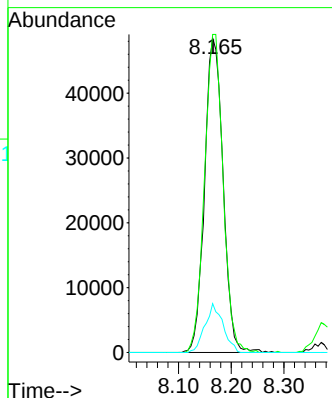
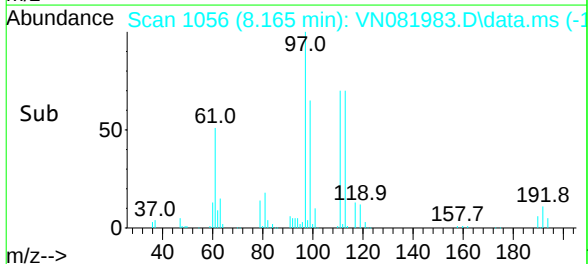
VSTDCCC050



Tgt Ion:	113	Resp:	118237
Ion	Ratio	Lower	Upper
113	100		
111	101.6	83.4	125.2
192	15.2	14.0	21.0

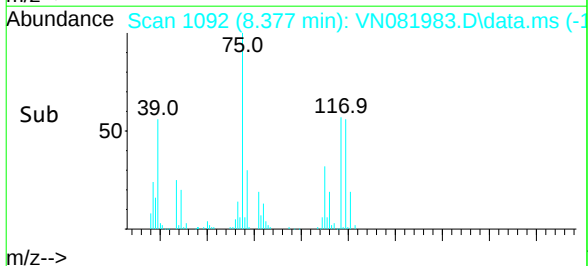
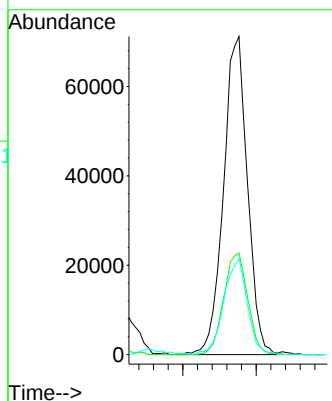
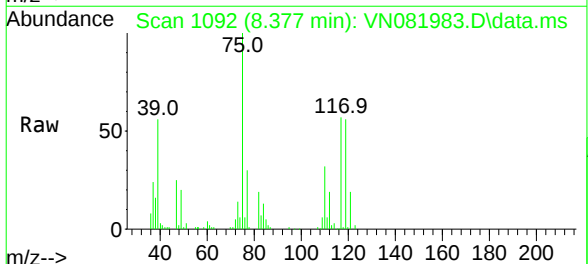
Manual Integrations
 APPROVED

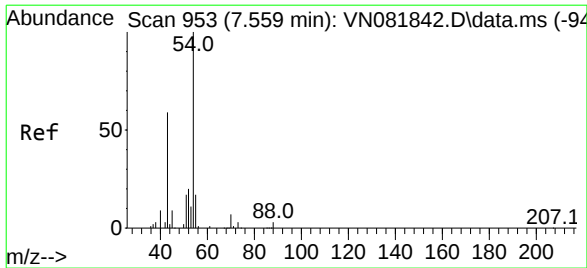
Reviewed By :John Carlone 05/06/2024
 Supervised By :Semsettin Yesilyurt 05/06/2024



#36
 1,1-Dichloropropene
 Concen: 45.479 ug/l
 RT: 8.377 min Scan# 1092
 Delta R.T. 0.006 min
 Lab File: VN081983.D
 Acq: 03 May 2024 11:07

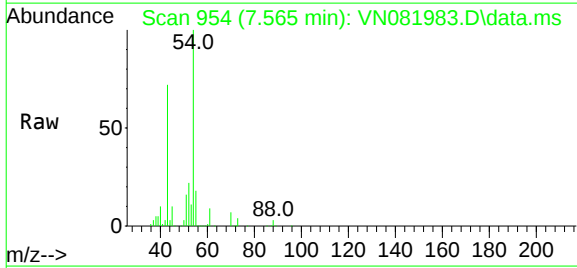
Tgt Ion:	75	Resp:	161419
Ion	Ratio	Lower	Upper
75	100		
110	32.1	17.8	53.5
77	29.5	25.0	37.4





#37
Ethyl Acetate
Concen: 48.830 ug/l
RT: 7.565 min Scan# 953
Delta R.T. 0.006 min
Lab File: VN081983.D
Acq: 03 May 2024 11:07

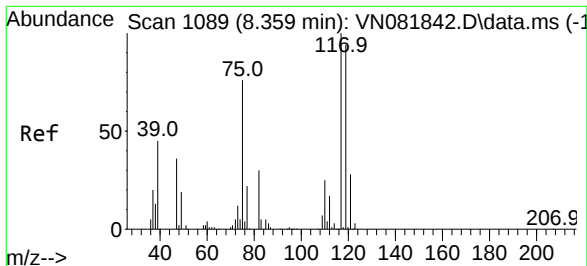
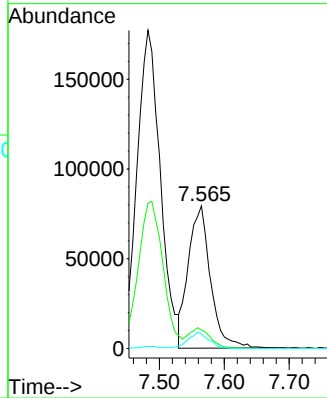
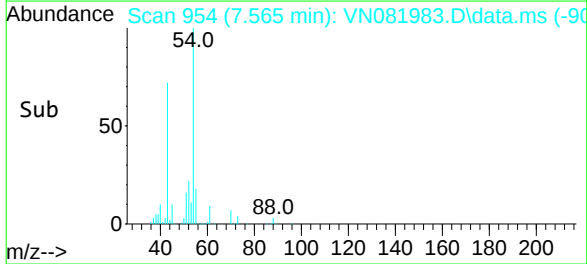
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 187396
Ion Ratio Lower Upper
43 100
61 14.2 11.3 16.9
70 10.7 8.7 13.1

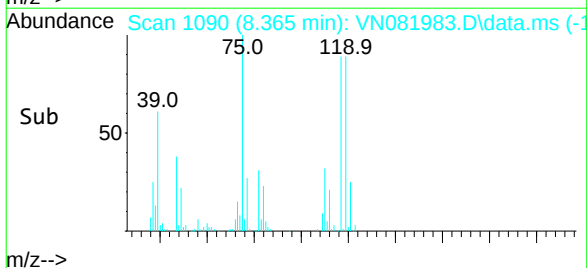
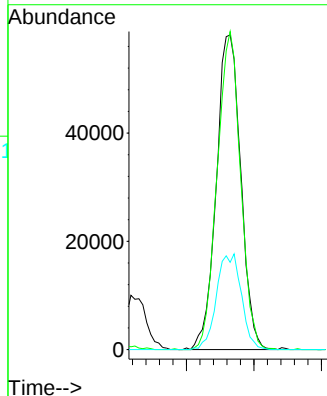
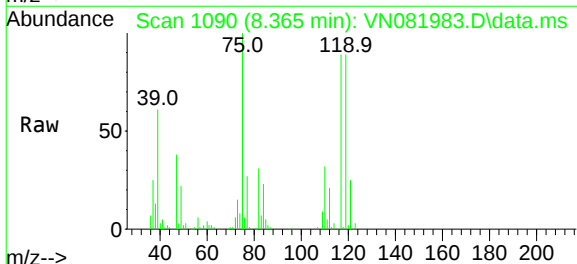
Manual Integrations
APPROVED

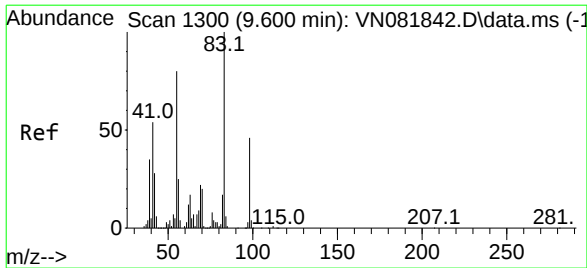
Reviewed By :John Carlone 05/06/2024
Supervised By :Semsettin Yesilyurt 05/06/2024



#38
Carbon Tetrachloride
Concen: 42.193 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VN081983.D
Acq: 03 May 2024 11:07

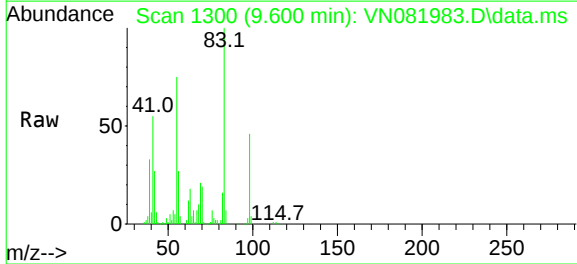
Tgt Ion:117 Resp: 146367
Ion Ratio Lower Upper
117 100
119 101.0 76.5 114.7
121 27.7 23.9 35.9





#39
Methylcyclohexane
Concen: 45.848 ug/l
RT: 9.600 min Scan# 1300
Delta R.T. -0.000 min
Lab File: VN081983.D
Acq: 03 May 2024 11:07

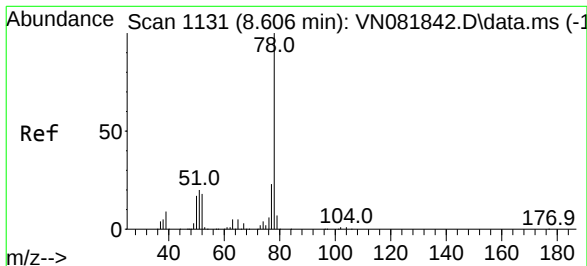
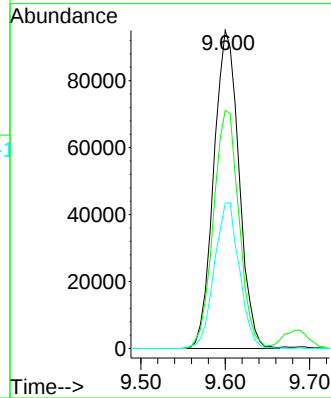
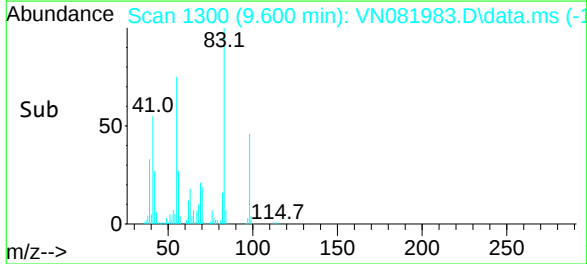
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 197634
Ion Ratio Lower Upper
83 100
55 74.9 53.0 79.6
98 45.7 37.1 55.7

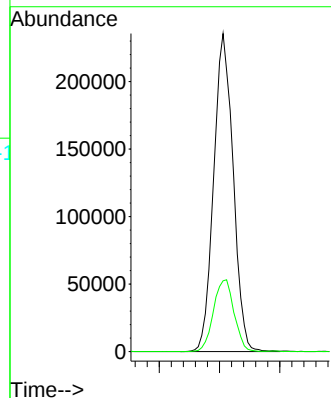
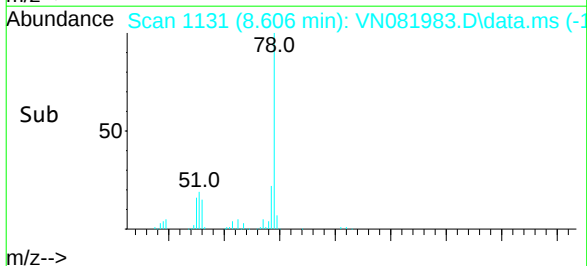
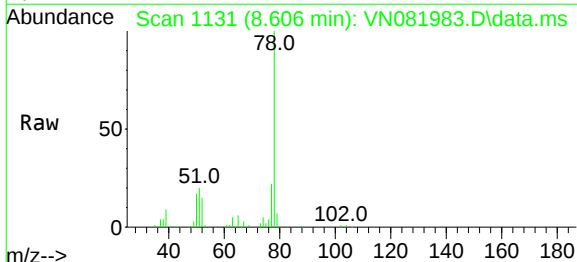
Manual Integrations
APPROVED

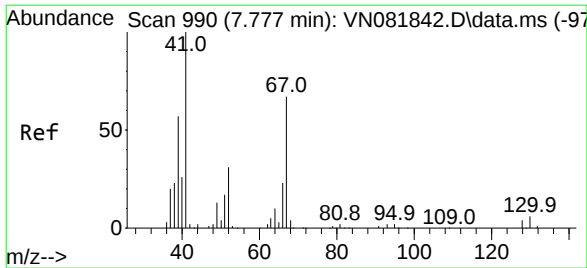
Reviewed By :John Carlone 05/06/2024
Supervised By :Semsettin Yesilyurt 05/06/2024



#40
Benzene
Concen: 49.586 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VN081983.D
Acq: 03 May 2024 11:07

Tgt Ion: 78 Resp: 528337
Ion Ratio Lower Upper
78 100
77 22.3 20.0 30.0





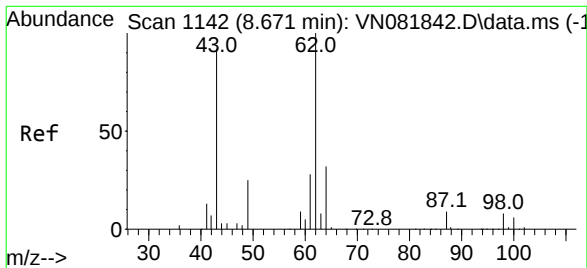
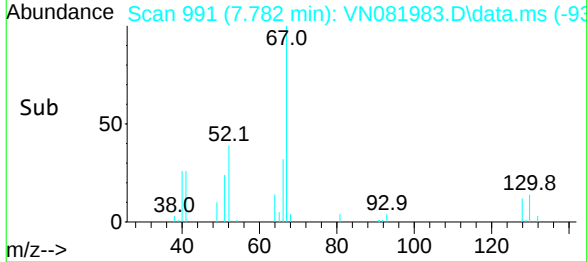
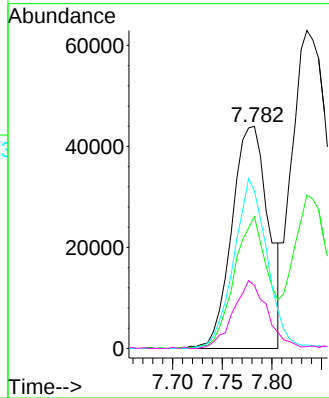
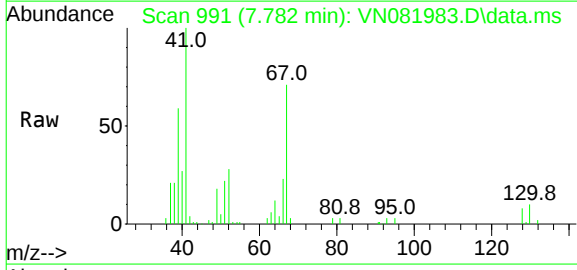
#41
Methacrylonitrile
Concen: 46.197 ug/l
RT: 7.782 min Scan# 991
Delta R.T. 0.006 min
Lab File: VN081983.D
Acq: 03 May 2024 11:07

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:	41	Resp:	113122
Ion	Ratio	Lower	Upper
41	100		
39	54.8	46.6	69.8
67	69.6	67.3	100.9
52	28.5	27.3	40.9

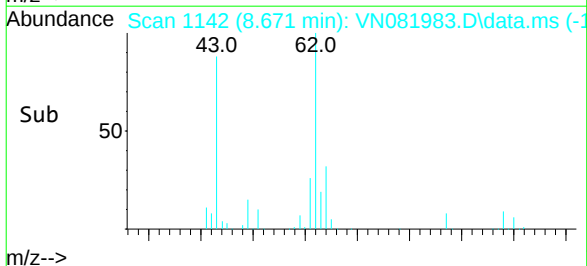
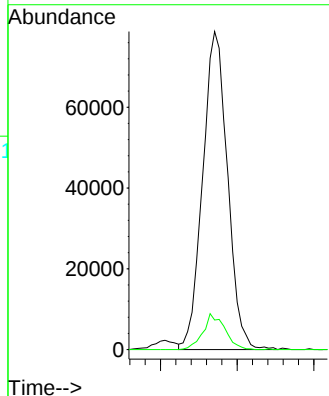
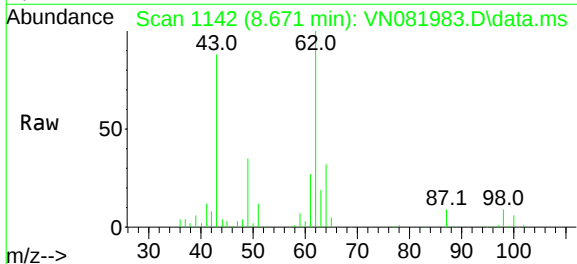
Manual Integrations
APPROVED

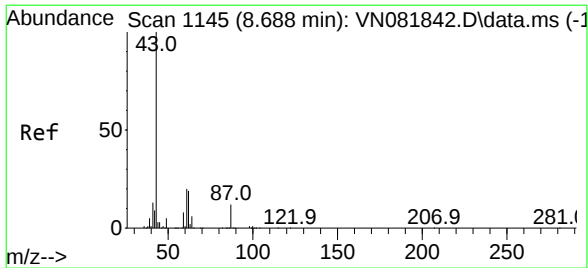
Reviewed By :John Carlone 05/06/2024
Supervised By :Semsettin Yesilyurt 05/06/2024



#42
1,2-Dichloroethane
Concen: 44.804 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN081983.D
Acq: 03 May 2024 11:07

Tgt Ion:	62	Resp:	177269
Ion	Ratio	Lower	Upper
62	100		
98	9.9	0.0	19.6





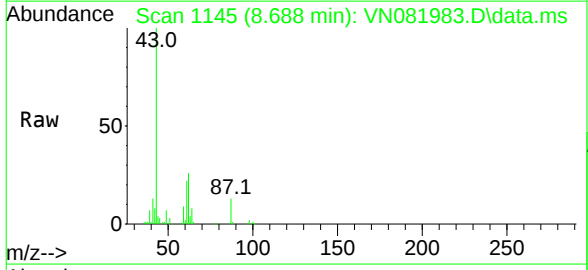
#43
Isopropyl Acetate
Concen: 48.097 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VN081983.D
Acq: 03 May 2024 11:07

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050



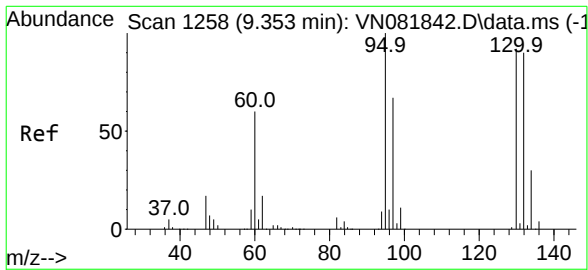
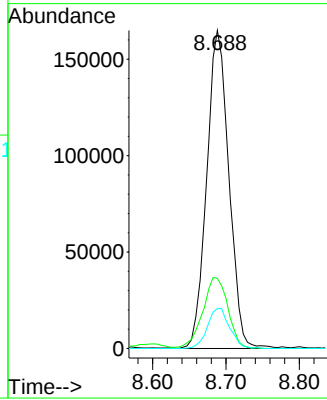
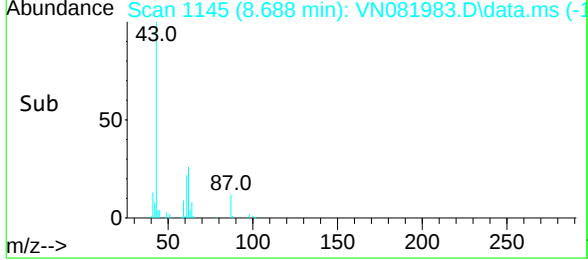
Tgt Ion: 43 Resp: 347057
Ion Ratio Lower Upper
43 100
61 25.4 22.8 34.2
87 12.6 12.0 18.0

Manual Integrations

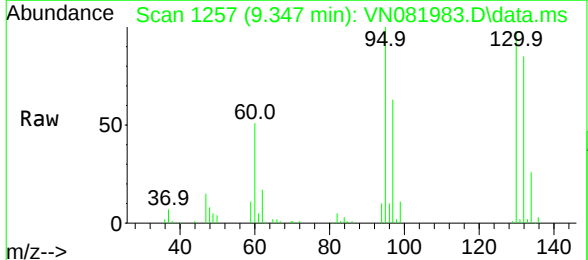
APPROVED

Reviewed By :John Carlone 05/06/2024

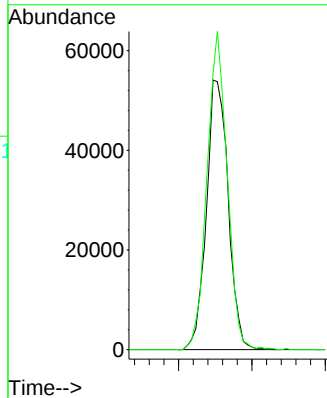
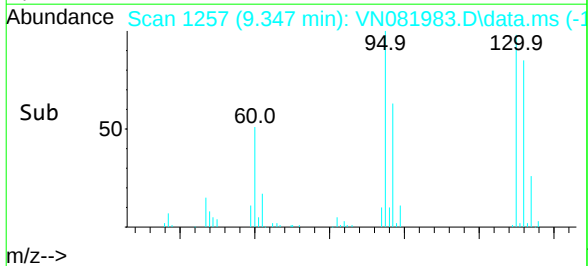
Supervised By :Semsettin Yesilyurt 05/06/2024

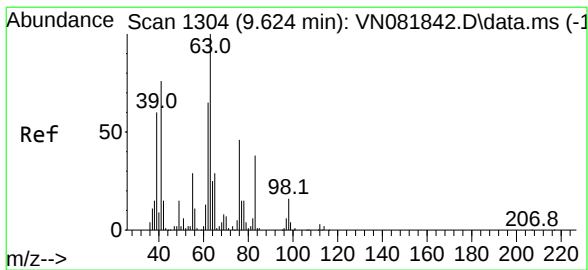


#44
Trichloroethene
Concen: 45.484 ug/l
RT: 9.347 min Scan# 1257
Delta R.T. -0.006 min
Lab File: VN081983.D
Acq: 03 May 2024 11:07



Tgt Ion:130 Resp: 111735
Ion Ratio Lower Upper
130 100
95 102.4 0.0 195.4





#45

1,2-Dichloropropane

Concen: 50.714 ug/l

RT: 9.623 min Scan# 13

Delta R.T. -0.000 min

Lab File: VN081983.D

Acq: 03 May 2024 11:07

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 141417

Ion Ratio Lower Upper

63 100

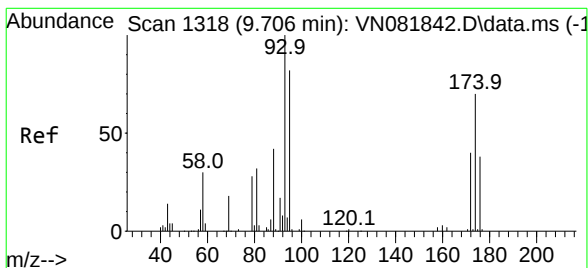
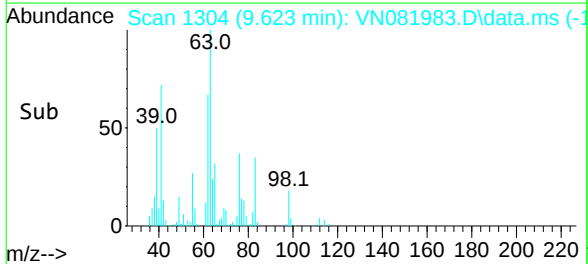
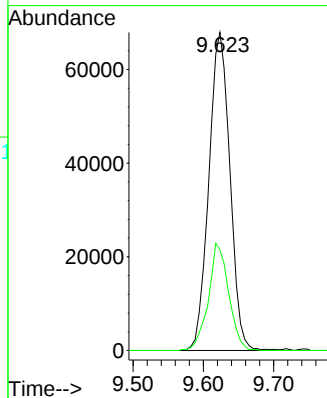
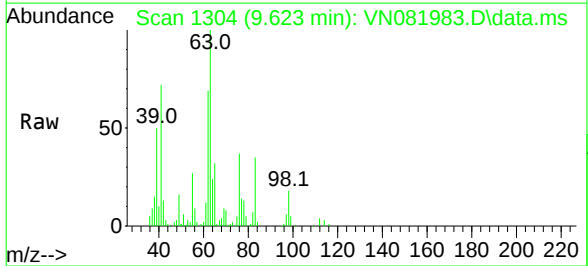
65 31.6 24.1 36.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/06/2024

Supervised By :Semsettin Yesilyurt 05/06/2024



#46

Dibromomethane

Concen: 46.187 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. -0.000 min

Lab File: VN081983.D

Acq: 03 May 2024 11:07

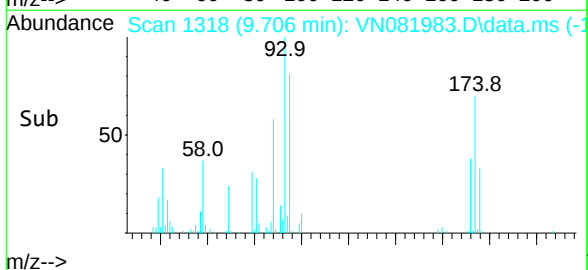
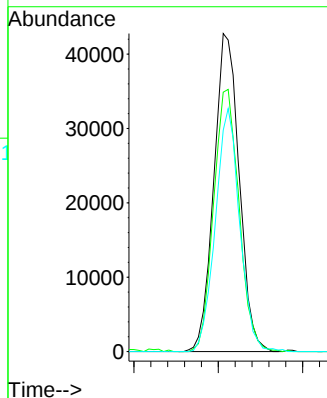
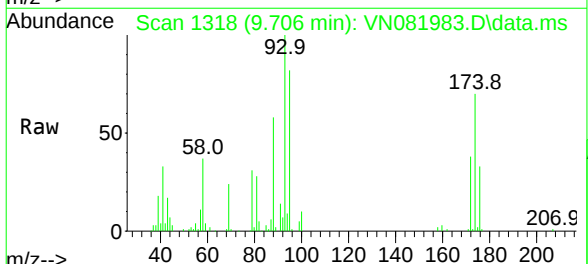
Tgt Ion: 93 Resp: 89018

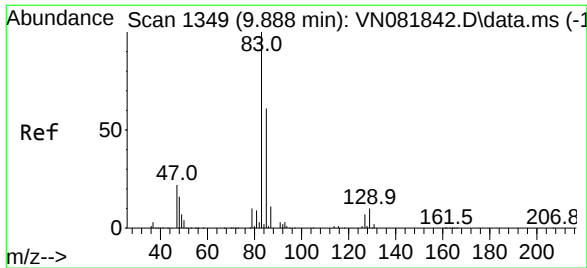
Ion Ratio Lower Upper

93 100

95 82.9 64.8 97.2

174 73.4 73.4 110.0





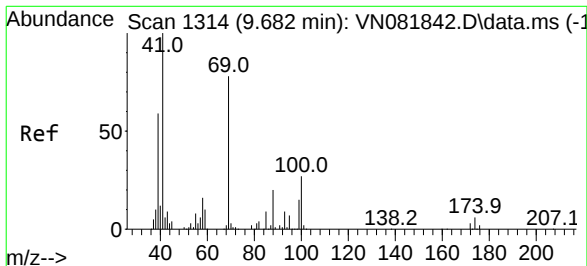
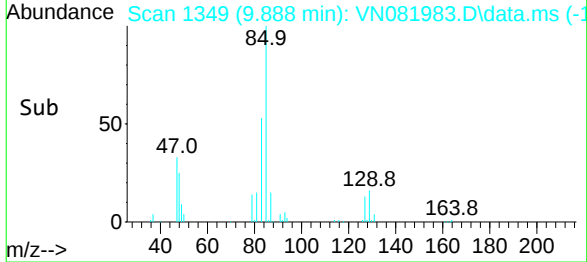
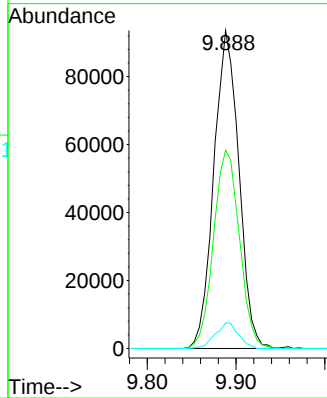
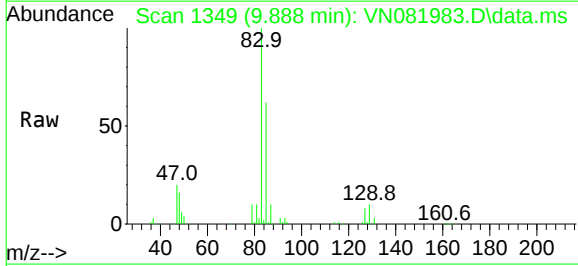
#47
Bromodichloromethane
Concen: 45.092 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. -0.000 min
Lab File: VN081983.D
Acq: 03 May 2024 11:07

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 183283
Ion Ratio Lower Upper
83 100
85 62.4 51.9 77.9
127 8.1 7.5 11.3

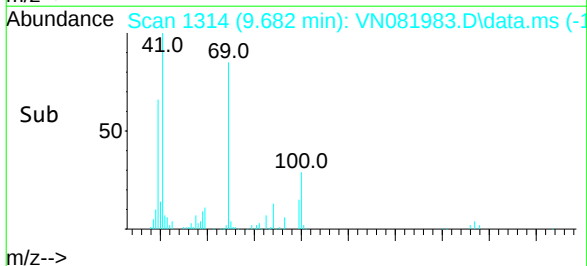
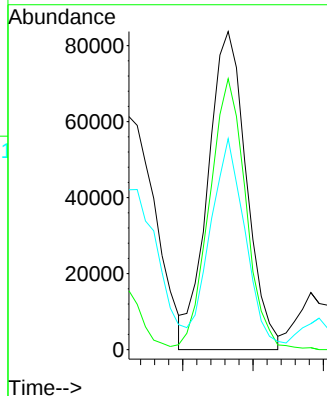
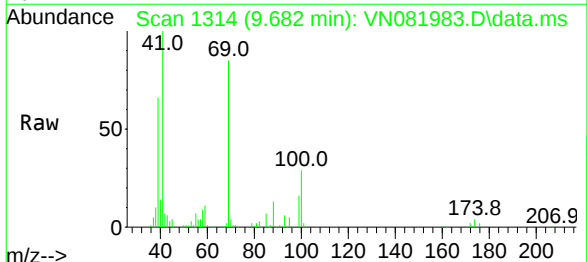
Manual Integrations
APPROVED

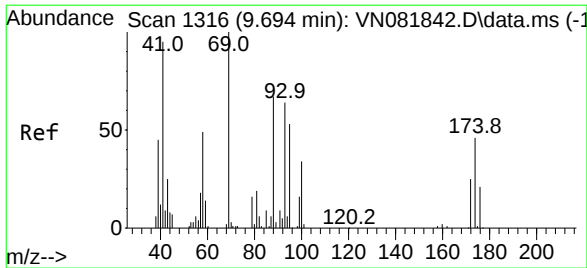
Reviewed By :John Carlone 05/06/2024
Supervised By :Semsettin Yesilyurt 05/06/2024



#48
Methyl methacrylate
Concen: 46.395 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VN081983.D
Acq: 03 May 2024 11:07

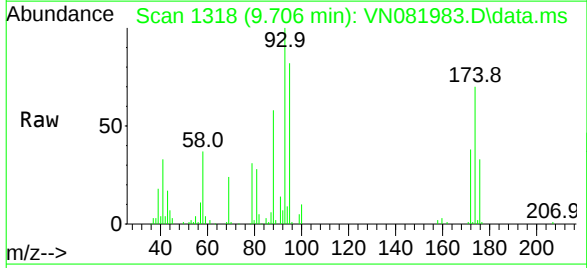
Tgt Ion: 41 Resp: 159817
Ion Ratio Lower Upper
41 100
69 80.5 77.9 116.9
39 60.5 50.9 76.3





#49
1,4-Dioxane
Concen: 958.816 ug/l
RT: 9.706 min Scan# 1316
Delta R.T. 0.012 min
Lab File: VN081983.D
Acq: 03 May 2024 11:07

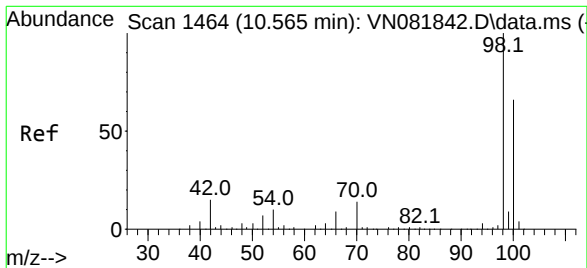
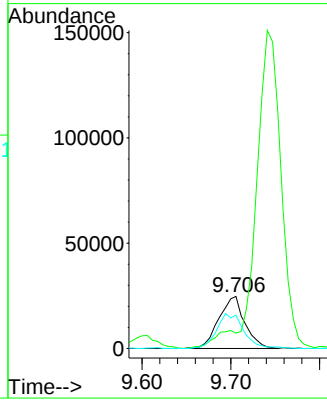
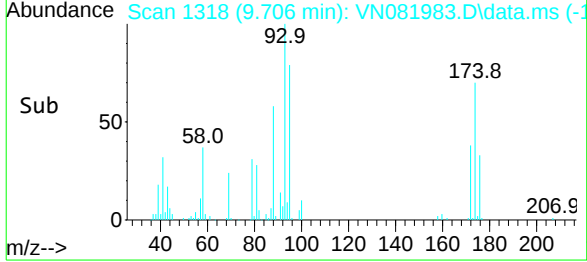
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 88 Resp: 50200
Ion Ratio Lower Upper
88 100
43 0.0 19.0 28.6#
58 70.5 50.6 76.0

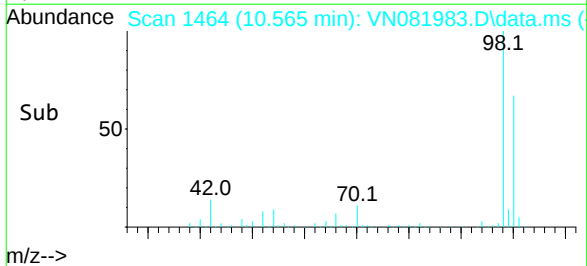
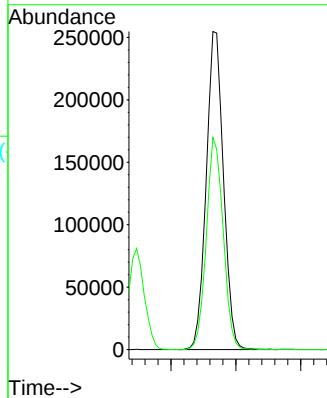
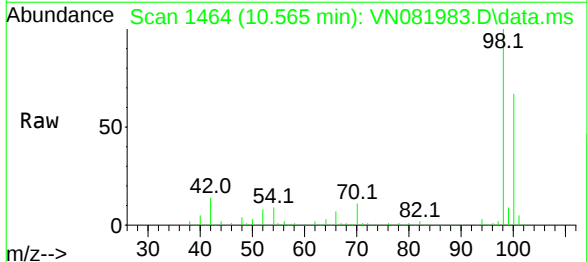
Manual Integrations
APPROVED

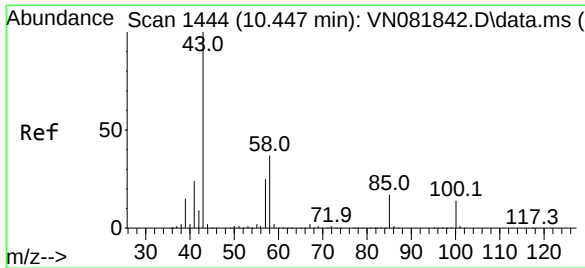
Reviewed By :John Carlone 05/06/2024
Supervised By :Semsettin Yesilyurt 05/06/2024



#50
Toluene-d8
Concen: 54.846 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN081983.D
Acq: 03 May 2024 11:07

Tgt Ion: 98 Resp: 469947
Ion Ratio Lower Upper
98 100
100 65.0 51.8 77.6





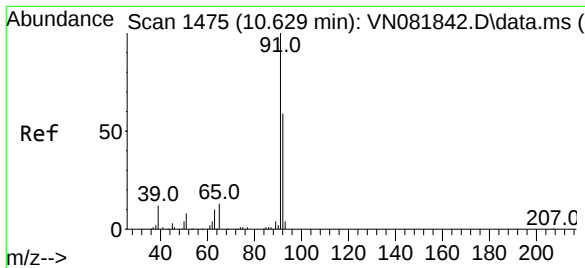
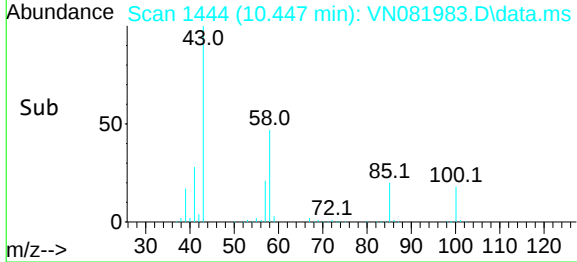
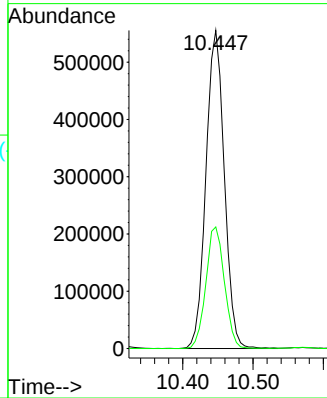
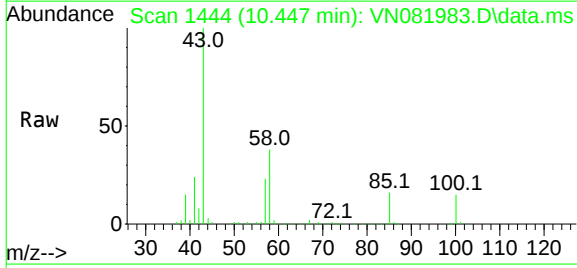
#51
4-Methyl-2-Pentanone
Concen: 247.850 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN081983.D
Acq: 03 May 2024 11:07

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 1006786
Ion Ratio Lower Upper
43 100
58 38.6 33.2 49.8

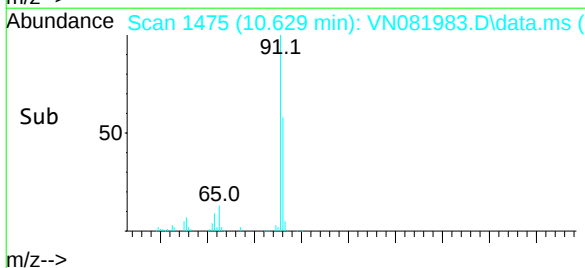
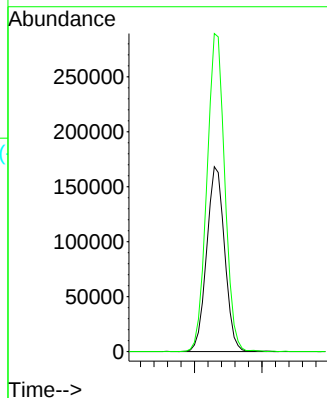
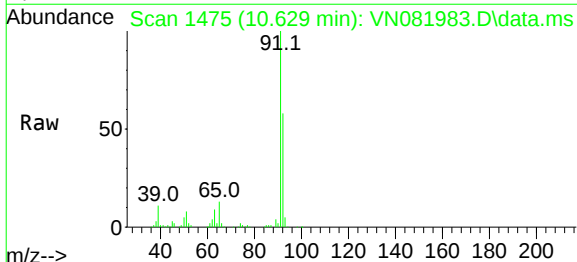
Manual Integrations
APPROVED

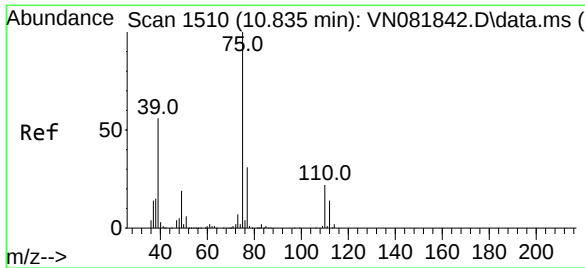
Reviewed By :John Carlone 05/06/2024
Supervised By :Semsettin Yesilyurt 05/06/2024



#52
Toluene
Concen: 48.805 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN081983.D
Acq: 03 May 2024 11:07

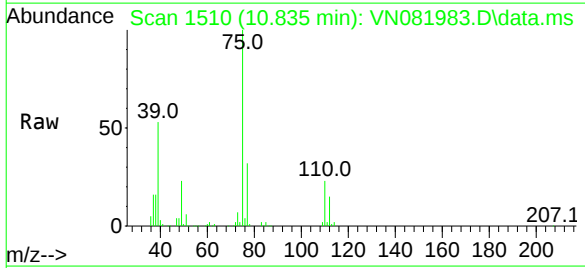
Tgt Ion: 92 Resp: 311416
Ion Ratio Lower Upper
92 100
91 170.9 136.7 205.1





#53
t-1,3-Dichloropropene
Concen: 46.235 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. -0.000 min
Lab File: VN081983.D
Acq: 03 May 2024 11:07

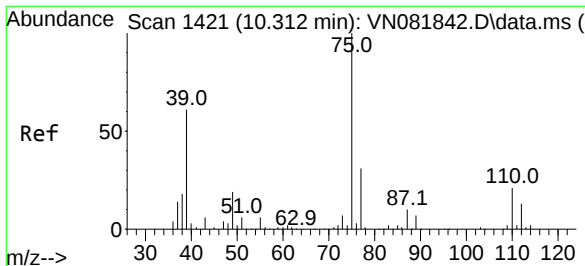
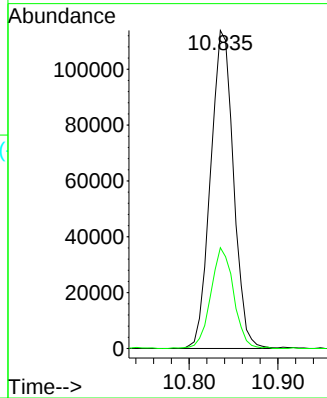
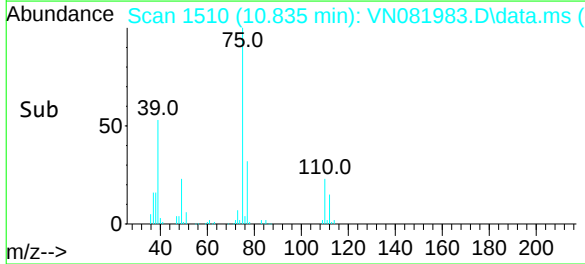
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 204485
Ion Ratio Lower Upper
75 100
77 31.7 25.4 38.0

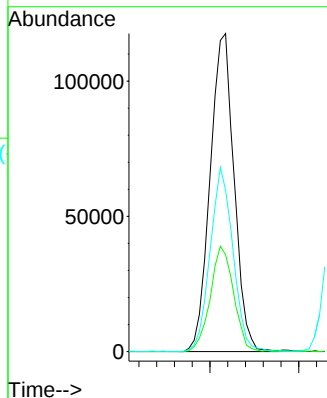
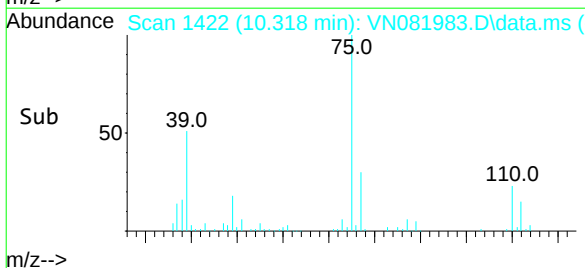
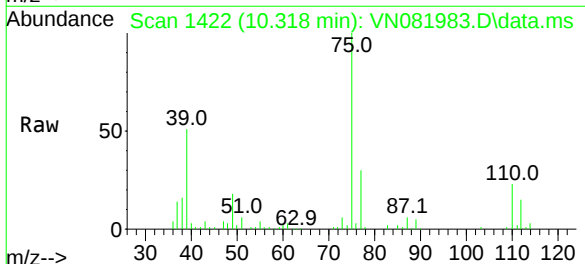
Manual Integrations
APPROVED

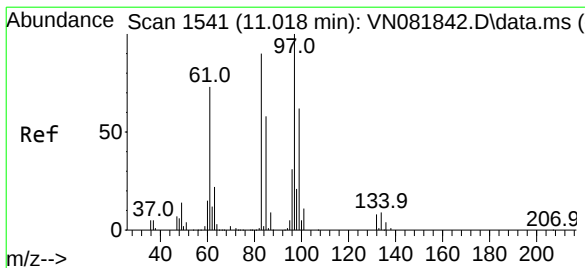
Reviewed By :John Carlone 05/06/2024
Supervised By :Semsettin Yesilyurt 05/06/2024



#54
cis-1,3-Dichloropropene
Concen: 48.402 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. 0.006 min
Lab File: VN081983.D
Acq: 03 May 2024 11:07

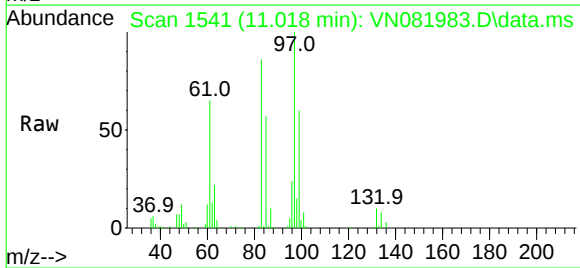
Tgt Ion: 75 Resp: 220629
Ion Ratio Lower Upper
75 100
77 30.5 25.0 37.4
39 50.8 34.8 52.2





#55
1,1,2-Trichloroethane
Concen: 49.245 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. -0.000 min
Lab File: VN081983.D
Acq: 03 May 2024 11:07

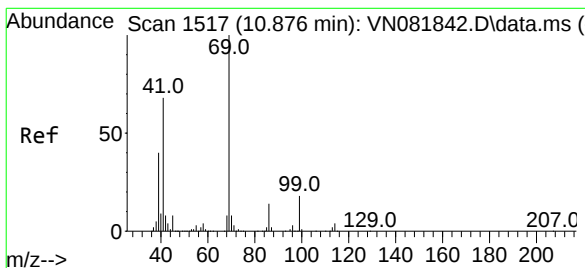
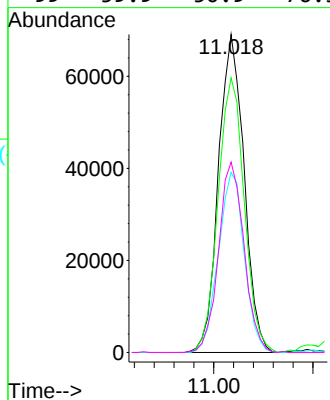
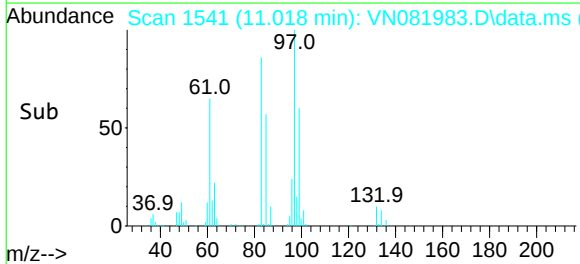
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:	97	Resp:	123578
Ion	Ratio	Lower	Upper
97	100		
83	86.4	70.4	105.6
85	56.6	45.6	68.4
99	59.9	50.9	76.3

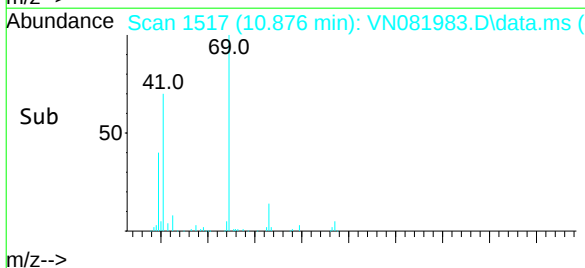
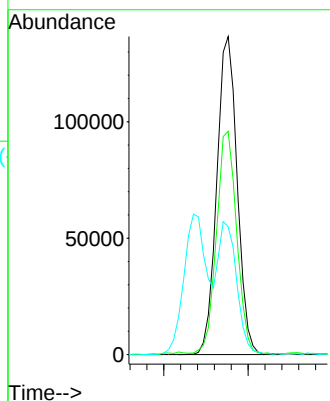
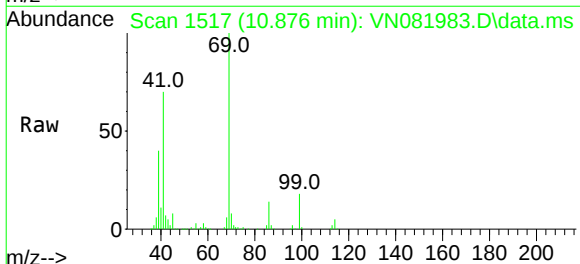
Manual Integrations
APPROVED

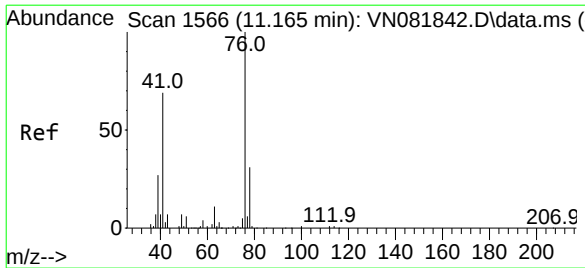
Reviewed By :John Carlone 05/06/2024
Supervised By :Semsettin Yesilyurt 05/06/2024



#56
Ethyl methacrylate
Concen: 48.044 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. -0.000 min
Lab File: VN081983.D
Acq: 03 May 2024 11:07

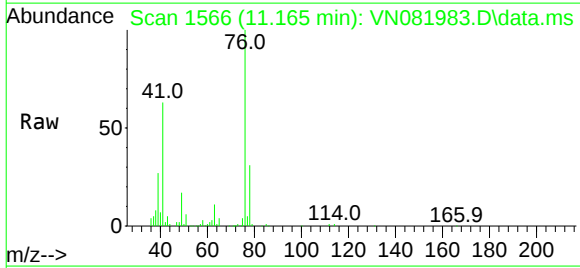
Tgt Ion:	69	Resp:	229573
Ion	Ratio	Lower	Upper
69	100		
41	69.6	46.6	70.0
39	37.6	26.5	39.7





#57
1,3-Dichloropropane
Concen: 49.216 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. -0.000 min
Lab File: VN081983.D
Acq: 03 May 2024 11:07

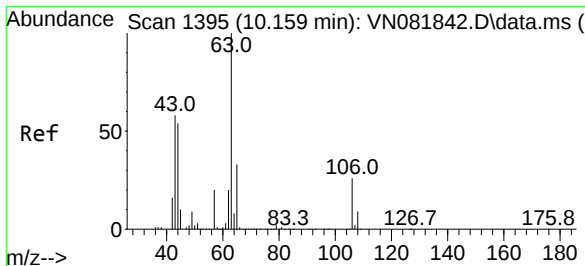
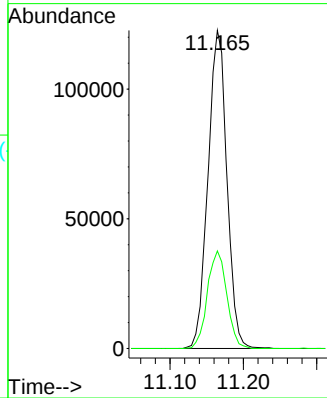
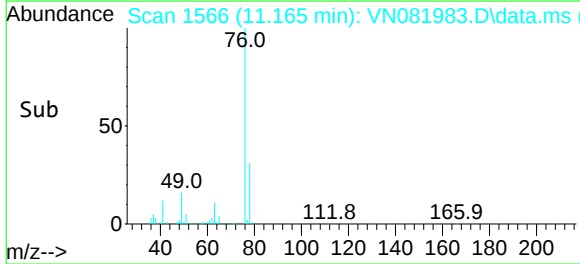
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 219574
Ion Ratio Lower Upper
76 100
78 31.5 25.8 38.6

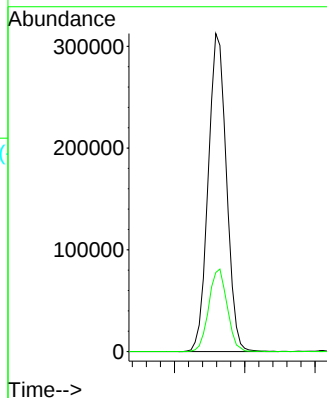
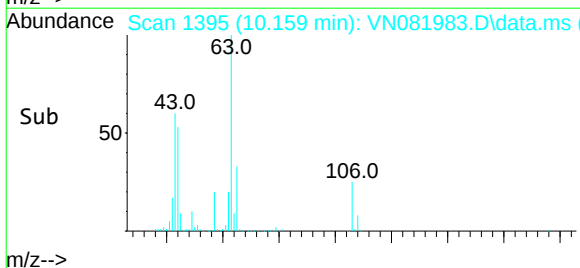
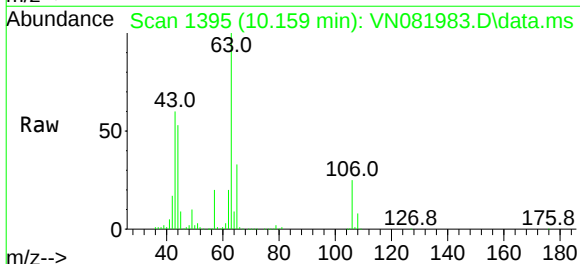
Manual Integrations
APPROVED

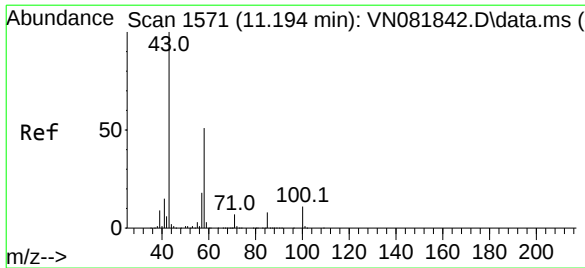
Reviewed By :John Carlone 05/06/2024
Supervised By :Semsettin Yesilyurt 05/06/2024



#58
2-Chloroethyl Vinyl ether
Concen: 258.780 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VN081983.D
Acq: 03 May 2024 11:07

Tgt Ion: 63 Resp: 563321
Ion Ratio Lower Upper
63 100
106 26.1 24.6 36.8





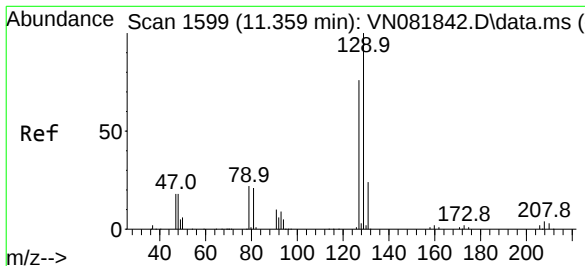
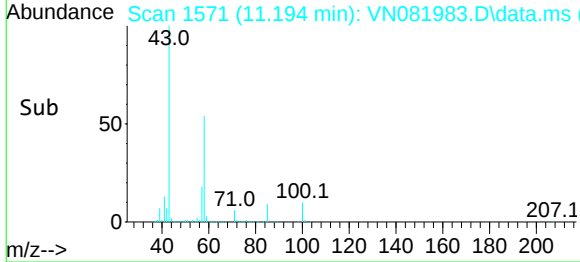
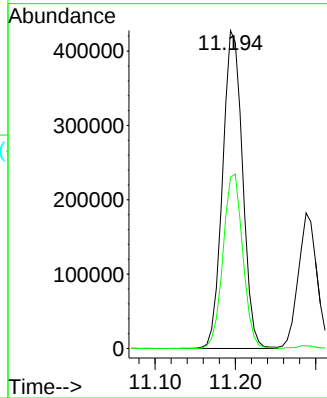
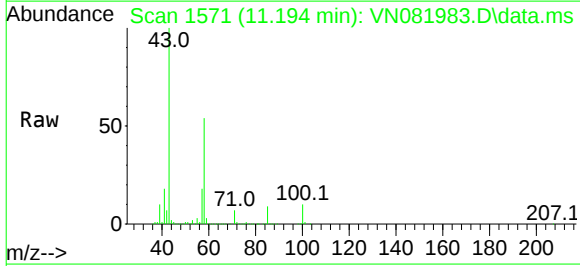
#59
2-Hexanone
Concen: 244.198 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. -0.000 min
Lab File: VN081983.D
Acq: 03 May 2024 11:07

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 738212
Ion Ratio Lower Upper
43 100
58 54.4 28.3 84.9

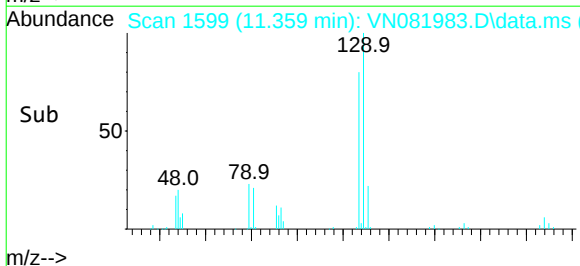
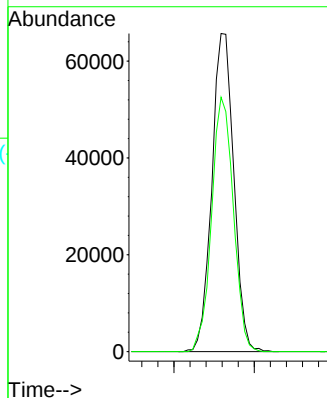
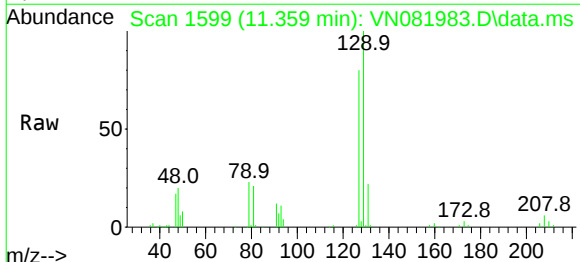
Manual Integrations
APPROVED

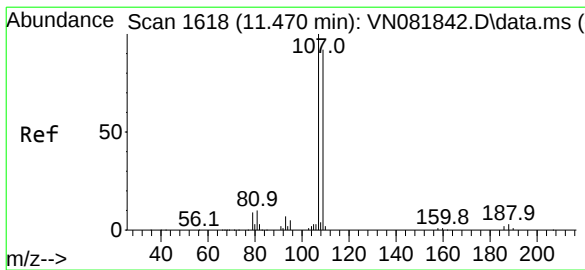
Reviewed By :John Carlone 05/06/2024
Supervised By :Semsettin Yesilyurt 05/06/2024



#60
Dibromochloromethane
Concen: 46.925 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN081983.D
Acq: 03 May 2024 11:07

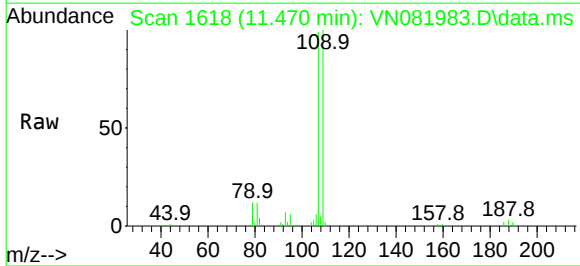
Tgt Ion:129 Resp: 124724
Ion Ratio Lower Upper
129 100
127 79.2 38.3 114.8





#61
1,2-Dibromoethane
Concen: 48.170 ug/l
RT: 11.470 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VN081983.D
Acq: 03 May 2024 11:07

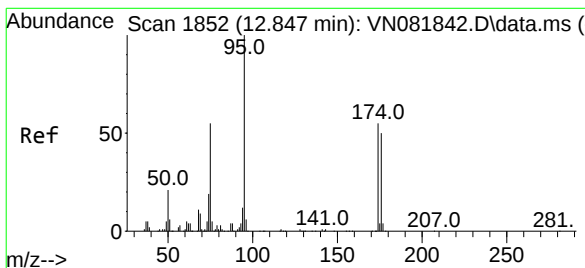
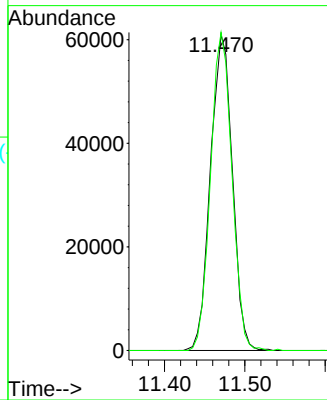
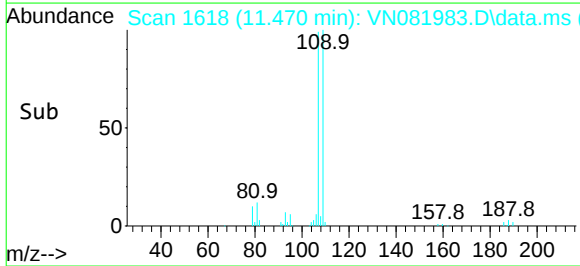
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:107 Resp: 115597
Ion Ratio Lower Upper
107 100
109 98.2 75.8 113.6

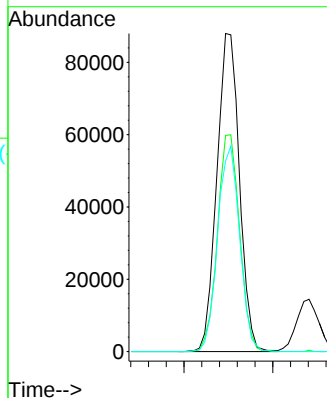
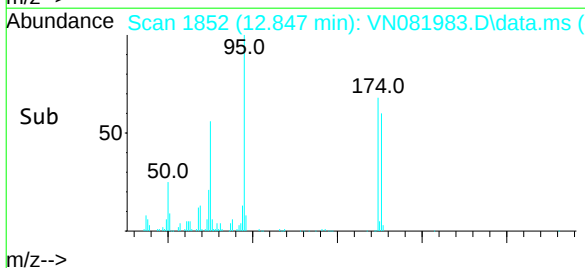
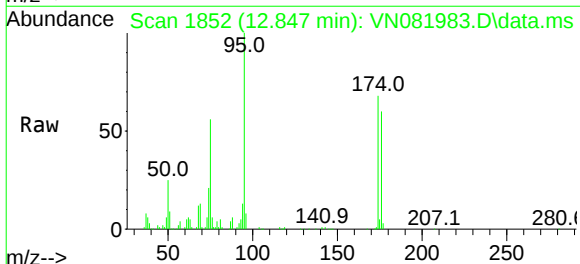
Manual Integrations
APPROVED

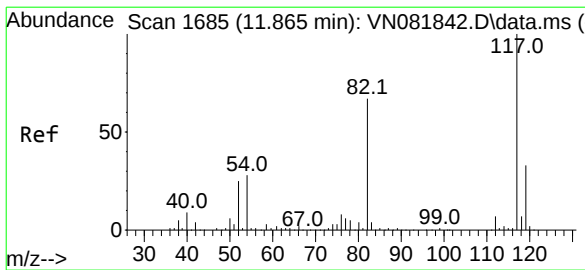
Reviewed By :John Carlone 05/06/2024
Supervised By :Semsettin Yesilyurt 05/06/2024



#62
4-Bromofluorobenzene
Concen: 45.885 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN081983.D
Acq: 03 May 2024 11:07

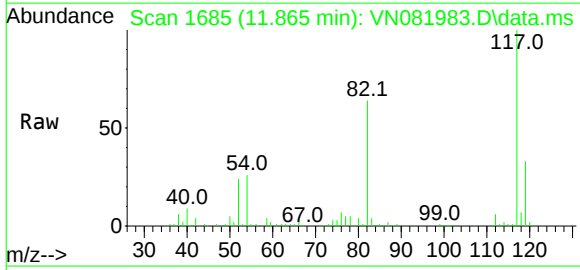
Tgt Ion: 95 Resp: 155418
Ion Ratio Lower Upper
95 100
174 66.9 0.0 160.6
176 63.0 0.0 152.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN081983.D
Acq: 03 May 2024 11:07

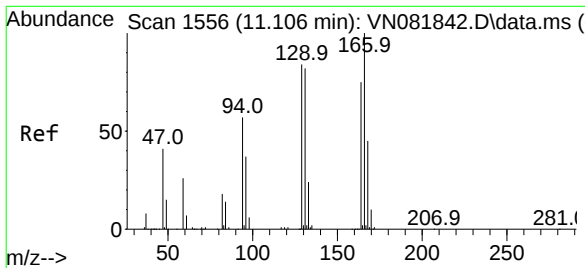
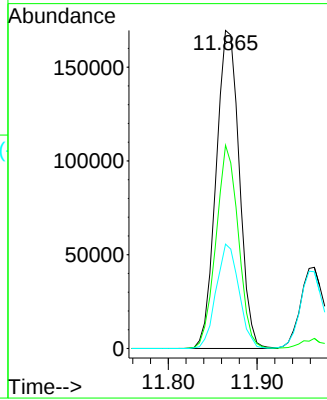
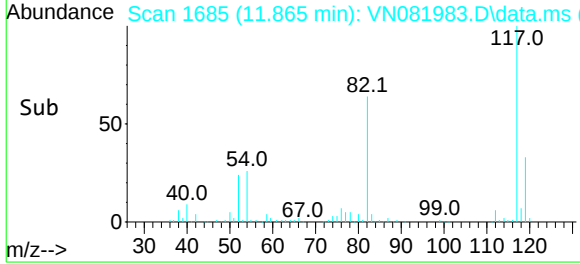
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 308072
Ion Ratio Lower Upper
117 100
82 63.9 44.6 66.8
119 32.8 25.9 38.9

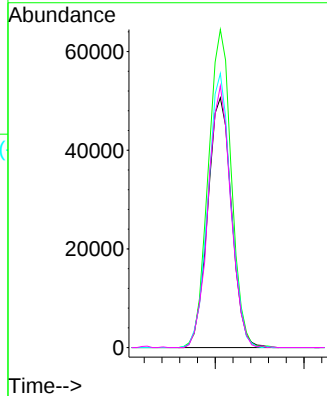
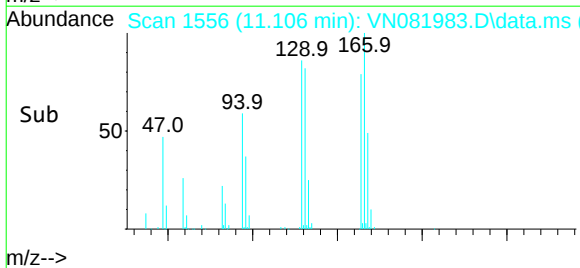
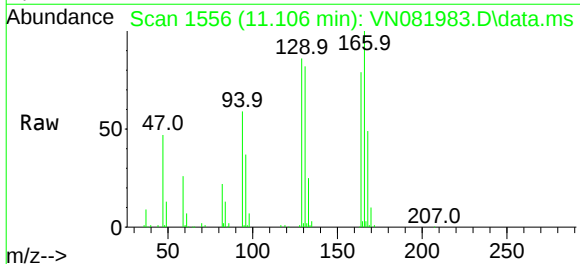
Manual Integrations
APPROVED

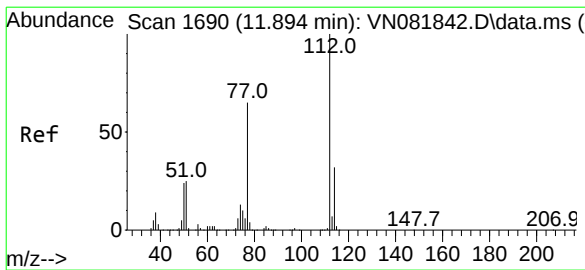
Reviewed By :John Carlone 05/06/2024
Supervised By :Semsettin Yesilyurt 05/06/2024



#64
Tetrachloroethene
Concen: 42.182 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.000 min
Lab File: VN081983.D
Acq: 03 May 2024 11:07

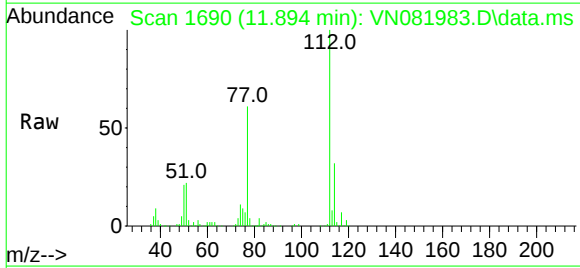
Tgt Ion:164 Resp: 94383
Ion Ratio Lower Upper
164 100
166 127.3 97.6 146.4
129 109.7 73.7 110.5
131 104.8 75.8 113.6





#65
Chlorobenzene
Concen: 48.636 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. -0.000 min
Lab File: VN081983.D
Acq: 03 May 2024 11:07

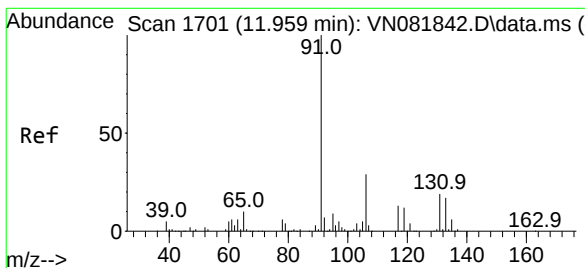
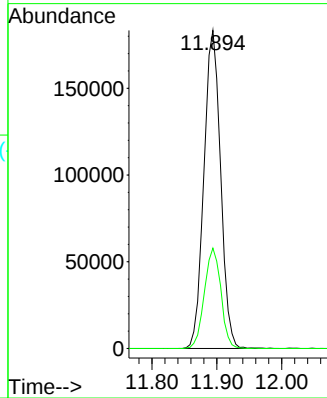
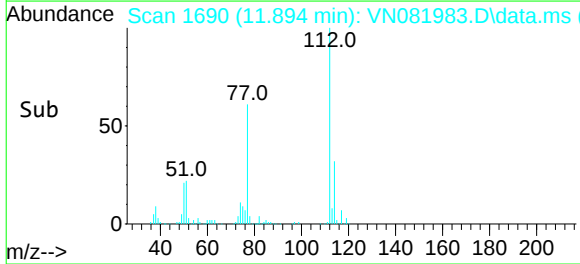
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:112 Resp: 327205
Ion Ratio Lower Upper
112 100
114 31.5 25.7 38.5

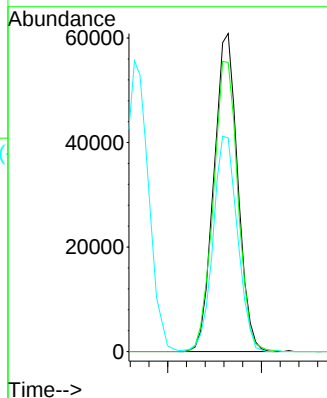
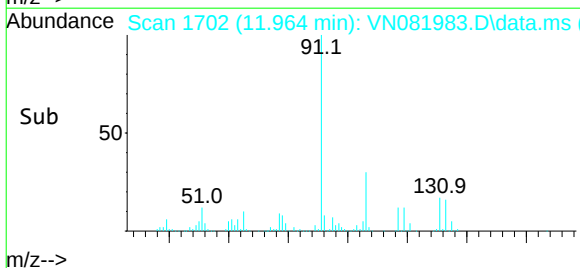
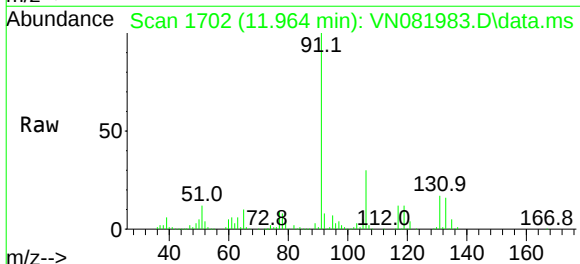
Manual Integrations
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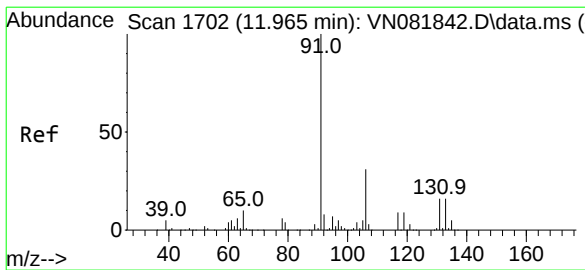
Reviewed By :John Carlone 05/06/2024
Supervised By :Semsettin Yesilyurt 05/06/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 49.181 ug/l
RT: 11.964 min Scan# 1702
Delta R.T. 0.006 min
Lab File: VN081983.D
Acq: 03 May 2024 11:07

Tgt Ion:131 Resp: 107533
Ion Ratio Lower Upper
131 100
133 93.9 47.5 142.6
119 69.4 32.9 98.7





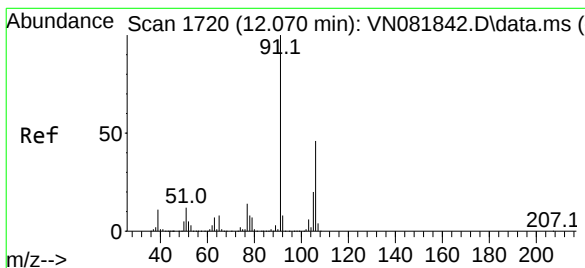
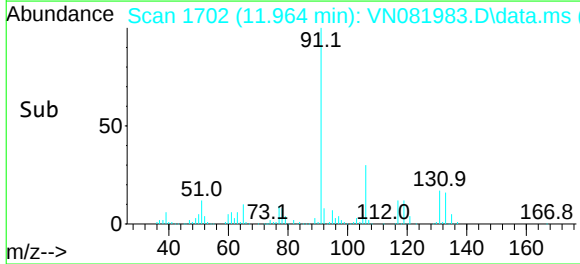
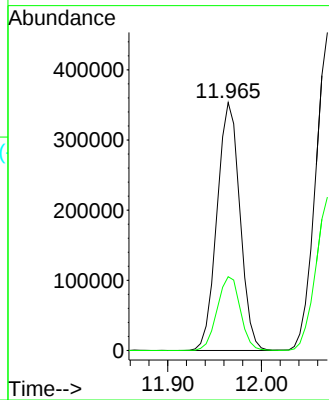
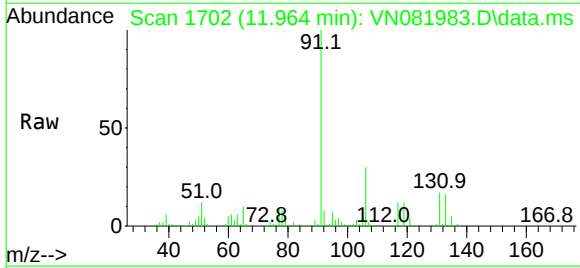
#67
Ethyl Benzene
Concen: 47.947 ug/l
RT: 11.964 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN081983.D
Acq: 03 May 2024 11:07

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 599893
Ion Ratio Lower Upper
91 100
106 29.8 25.3 37.9

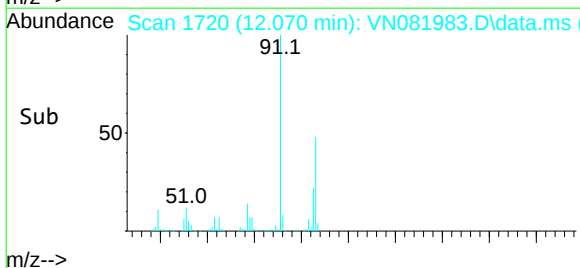
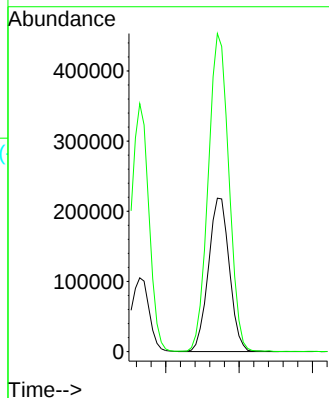
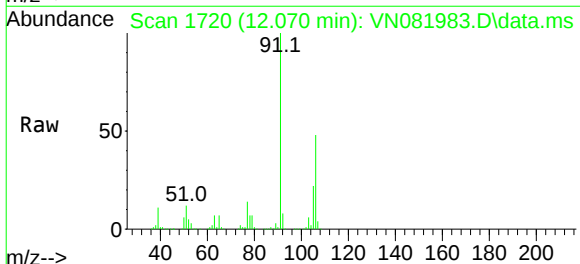
Manual Integrations
APPROVED

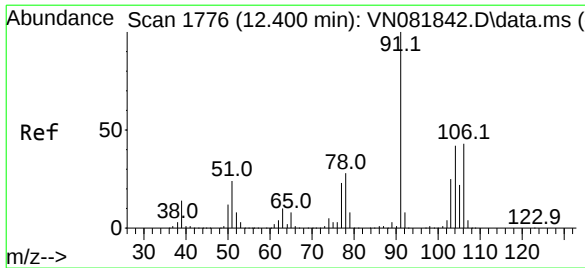
Reviewed By :John Carlone 05/06/2024
Supervised By :Semsettin Yesilyurt 05/06/2024



#68
m/p-Xylenes
Concen: 97.042 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN081983.D
Acq: 03 May 2024 11:07

Tgt Ion:106 Resp: 433080
Ion Ratio Lower Upper
106 100
91 204.4 159.4 239.0





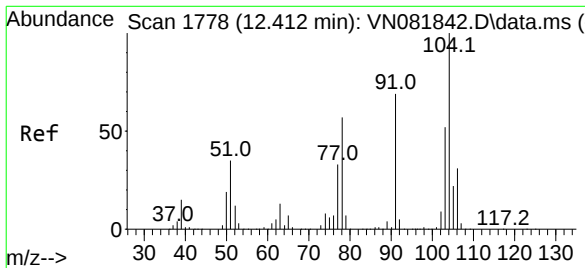
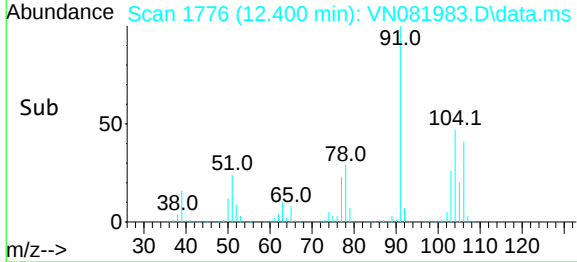
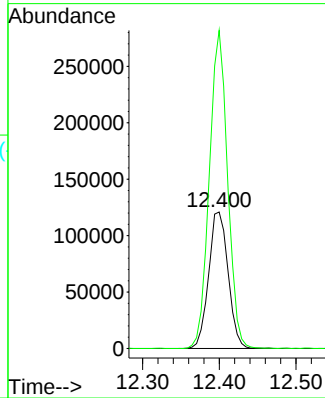
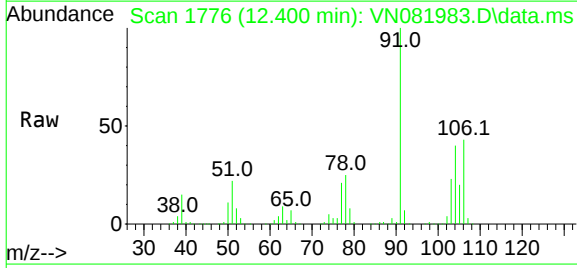
#69
o-Xylene
Concen: 48.978 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN081983.D
Acq: 03 May 2024 11:07

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 213401
Ion Ratio Lower Upper
106 100
91 218.5 104.7 314.1

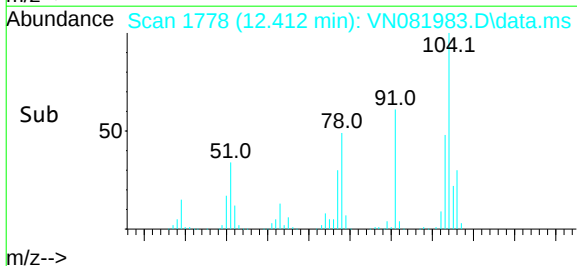
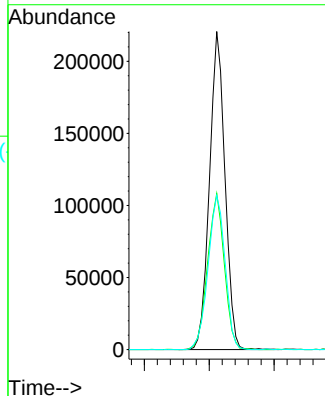
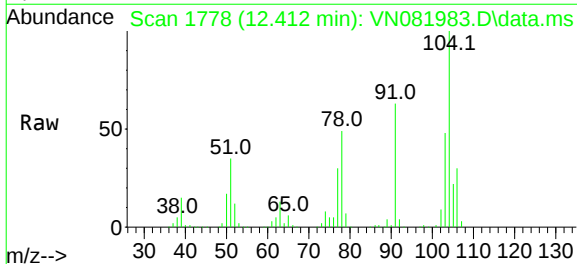
Manual Integrations
APPROVED

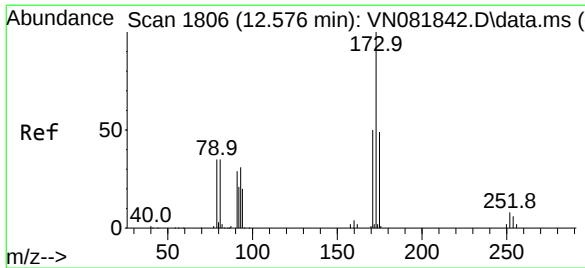
Reviewed By :John Carlone 05/06/2024
Supervised By :Semsettin Yesilyurt 05/06/2024



#70
Styrene
Concen: 48.537 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN081983.D
Acq: 03 May 2024 11:07

Tgt Ion:104 Resp: 365838
Ion Ratio Lower Upper
104 100
78 53.0 38.6 58.0
103 53.3 43.8 65.6





#71

Bromoform

Concen: 42.850 ug/l

RT: 12.582 min Scan# 1806

Delta R.T. 0.006 min

Lab File: VN081983.D

Acq: 03 May 2024 11:07

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

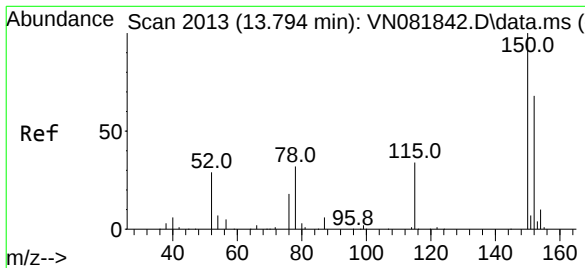
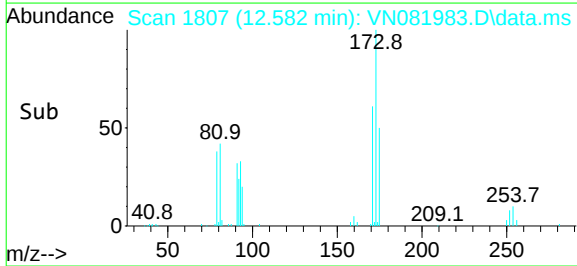
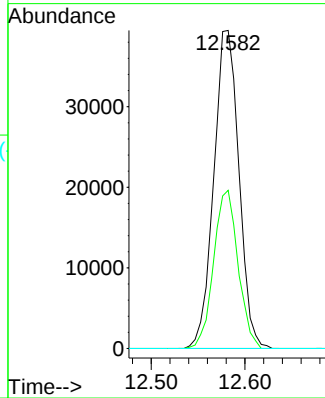
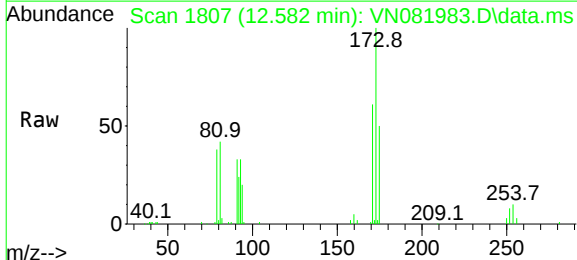
Tgt Ion:	173	Resp:	73656
Ion Ratio	Lower	Upper	
173	100		
175	48.3	24.6	74.0
254	0.0	0.0	0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/06/2024

Supervised By :Semsettin Yesilyurt 05/06/2024



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

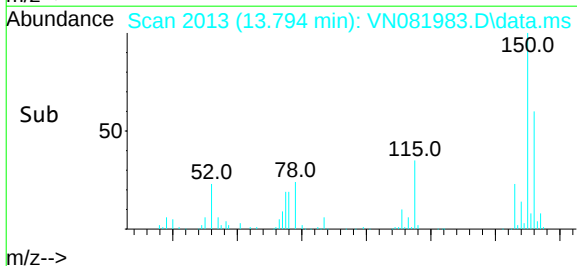
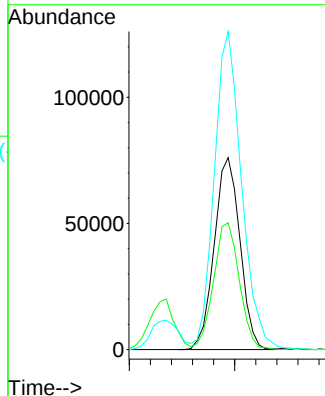
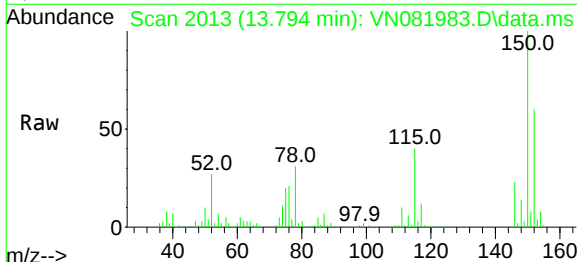
RT: 13.794 min Scan# 2013

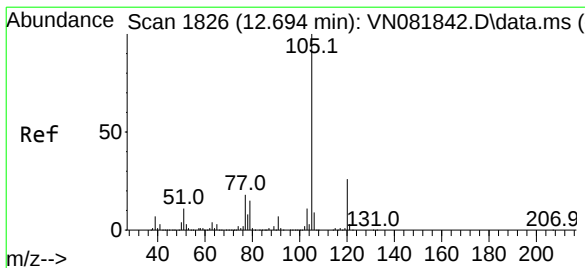
Delta R.T. -0.000 min

Lab File: VN081983.D

Acq: 03 May 2024 11:07

Tgt Ion:	152	Resp:	129070
Ion Ratio	Lower	Upper	
152	100		
115	66.2	30.4	91.3
150	175.7	0.0	353.2





#73
Isopropylbenzene
Concen: 47.369 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. -0.000 min
Lab File: VN081983.D
Acq: 03 May 2024 11:07

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

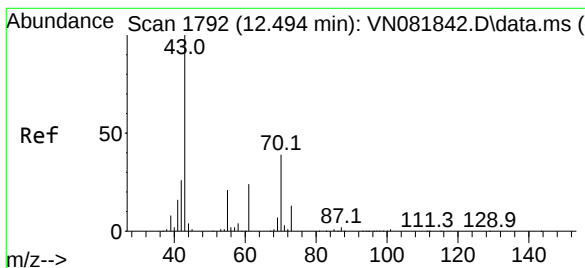
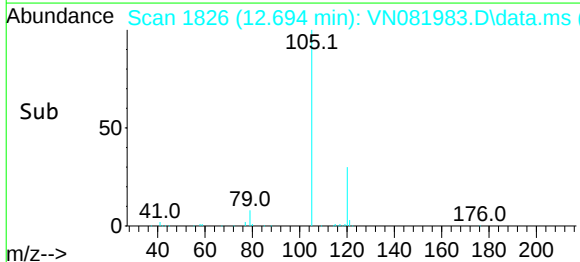
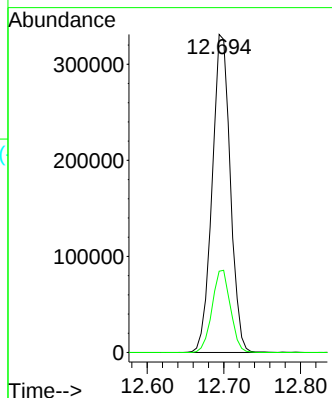
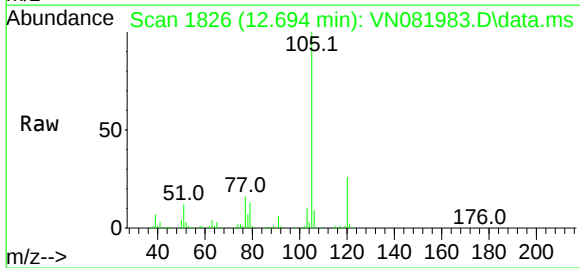
Tgt Ion: 105 Resp: 543588
Ion Ratio Lower Upper
105 100
120 26.2 13.4 40.1

Manual Integrations

APPROVED

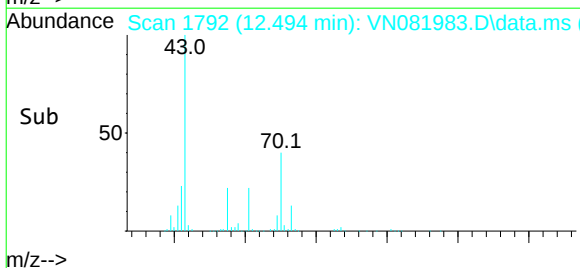
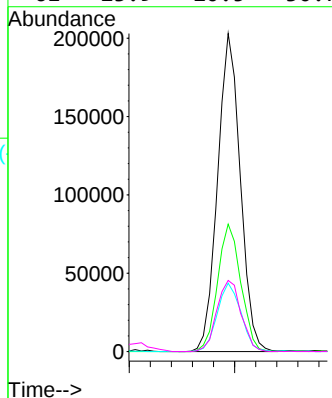
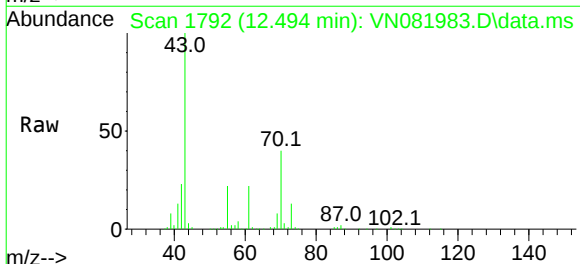
Reviewed By : John Carlone 05/06/2024

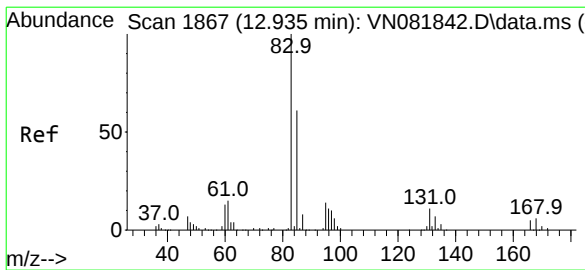
Supervised By : Semsettin Yesilyurt 05/06/2024



#74
N-ethyl acetate
Concen: 47.581 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. -0.000 min
Lab File: VN081983.D
Acq: 03 May 2024 11:07

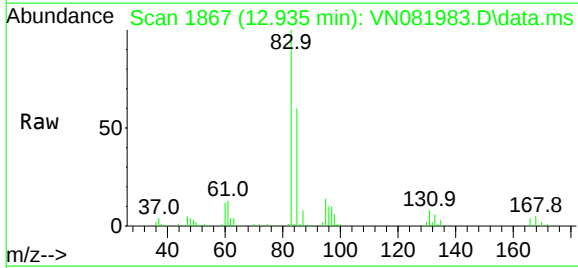
Tgt Ion: 43 Resp: 303993
Ion Ratio Lower Upper
43 100
70 41.0 39.0 58.4
55 22.5 21.3 31.9
61 23.9 20.5 30.7





#75
1,1,2,2-Tetrachloroethane
Concen: 51.147 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VN081983.D
Acq: 03 May 2024 11:07

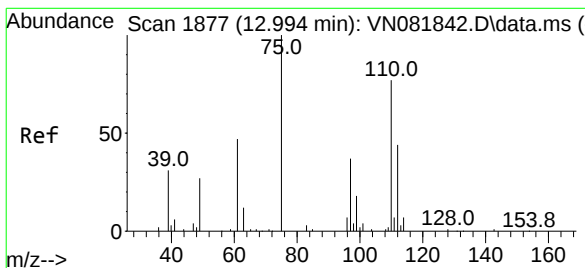
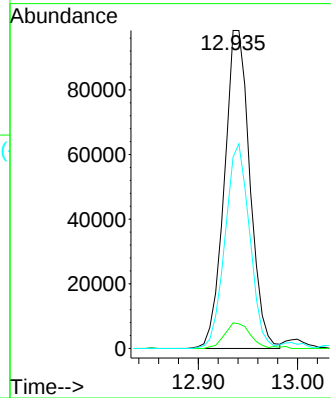
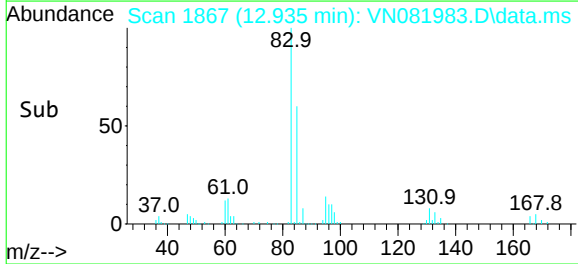
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 176257
Ion Ratio Lower Upper
83 100
131 8.3 5.5 16.4
85 61.7 32.9 98.6

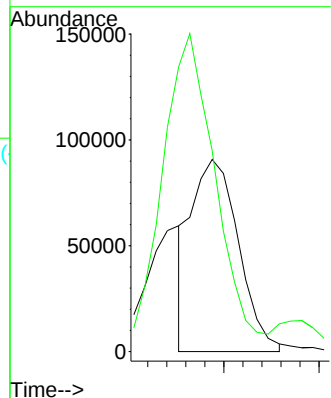
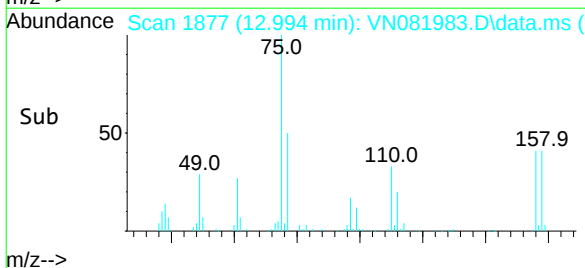
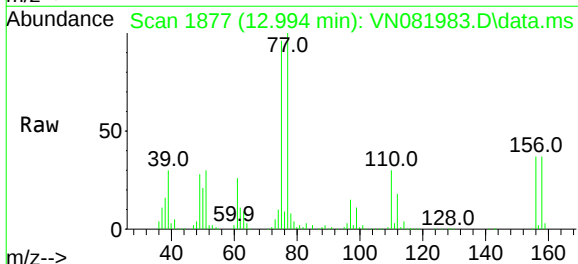
Manual Integrations
APPROVED

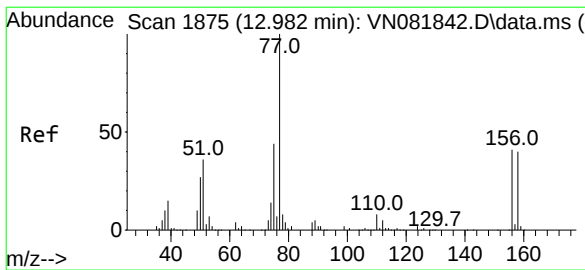
Reviewed By :John Carlone 05/06/2024
Supervised By :Semsettin Yesilyurt 05/06/2024



#76
1,2,3-Trichloropropane
Concen: 46.524 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. -0.000 min
Lab File: VN081983.D
Acq: 03 May 2024 11:07

Tgt Ion: 75 Resp: 155694
Ion Ratio Lower Upper
75 100
77 189.4 90.5 271.3





#77

Bromobenzene

Concen: 46.038 ug/l

RT: 12.976 min Scan# 1875

Delta R.T. -0.006 min

Lab File: VN081983.D

Acq: 03 May 2024 11:07

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

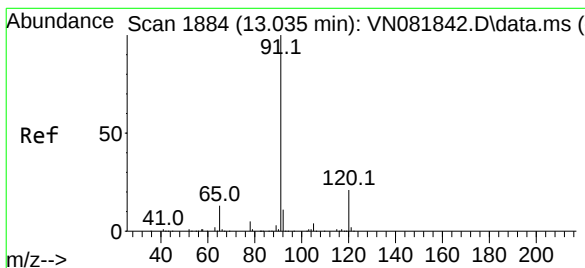
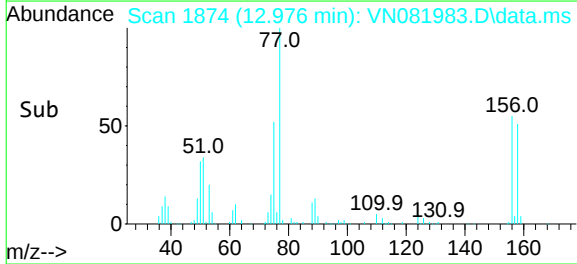
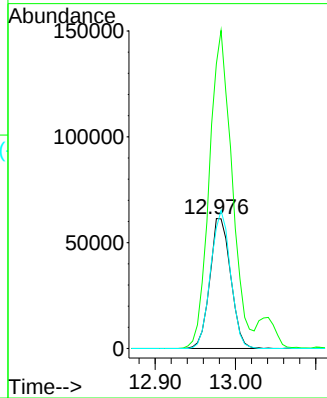
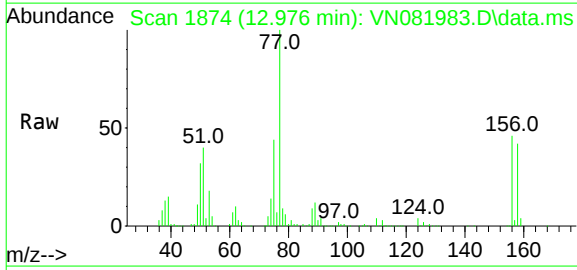
Tgt Ion:	156	Resp:	110553
Ion Ratio	Lower	Upper	
156	100		
77	266.8	100.2	300.6
158	101.2	49.1	147.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/06/2024

Supervised By :Semsettin Yesilyurt 05/06/2024



#78

n-propylbenzene

Concen: 47.623 ug/l

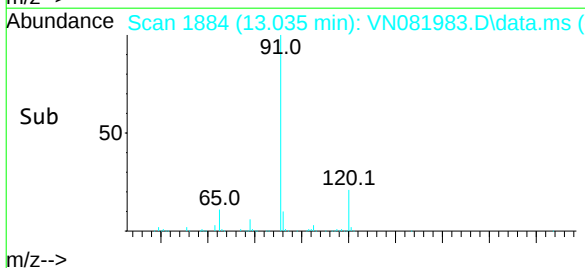
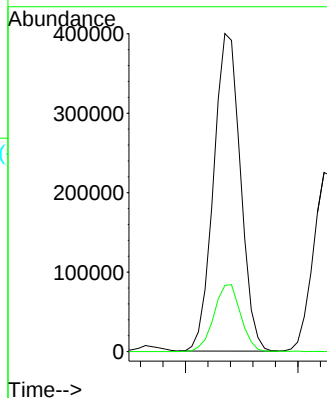
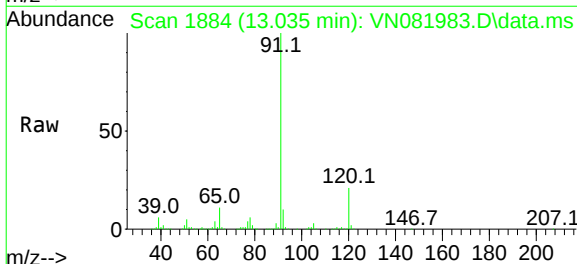
RT: 13.035 min Scan# 1884

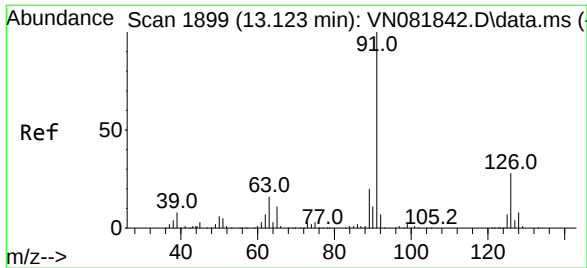
Delta R.T. -0.000 min

Lab File: VN081983.D

Acq: 03 May 2024 11:07

Tgt Ion:	91	Resp:	663819
Ion Ratio	Lower	Upper	
91	100		
120	21.0	11.7	35.0





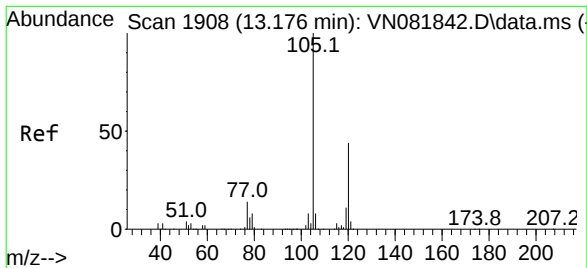
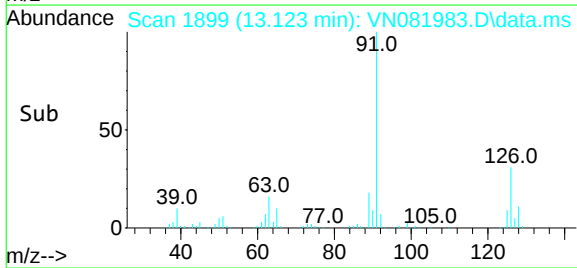
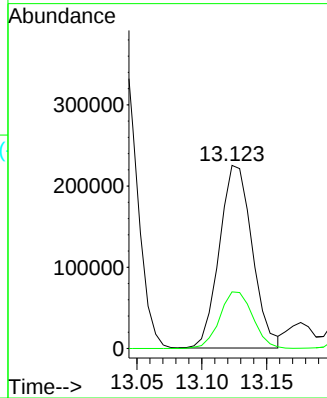
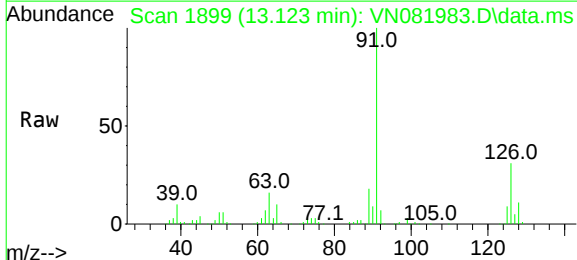
#79
2-Chlorotoluene
Concen: 44.736 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN081983.D
Acq: 03 May 2024 11:07

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 396739
Ion Ratio Lower Upper
91 100
126 31.2 17.5 52.5

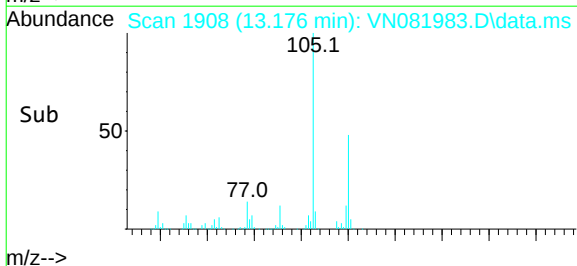
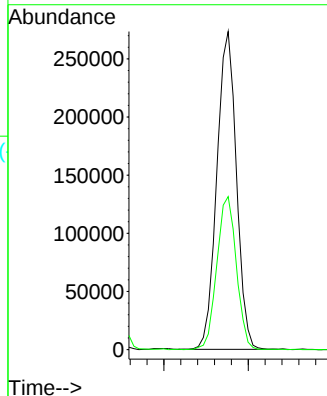
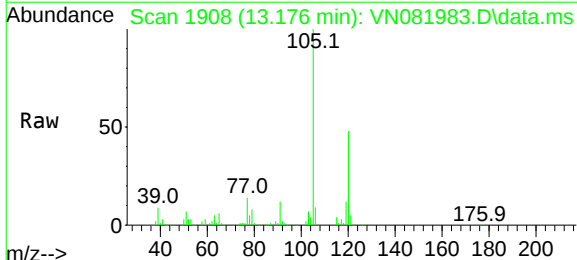
Manual Integrations
APPROVED

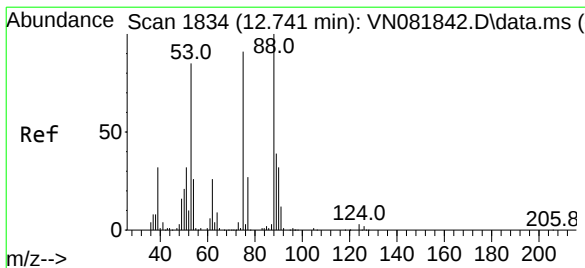
Reviewed By :John Carlone 05/06/2024
Supervised By :Semsettin Yesilyurt 05/06/2024



#80
1,3,5-Trimethylbenzene
Concen: 45.390 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. -0.000 min
Lab File: VN081983.D
Acq: 03 May 2024 11:07

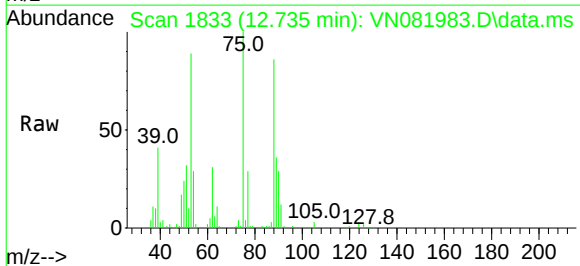
Tgt Ion:105 Resp: 440767
Ion Ratio Lower Upper
105 100
120 48.1 24.8 74.3





#81
trans-1,4-Dichloro-2-butene
Concen: 50.901 ug/l
RT: 12.735 min Scan# 1834
Delta R.T. -0.006 min
Lab File: VN081983.D
Acq: 03 May 2024 11:07

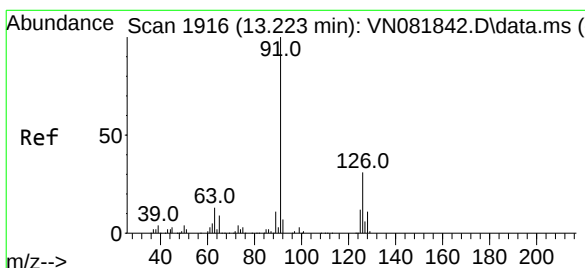
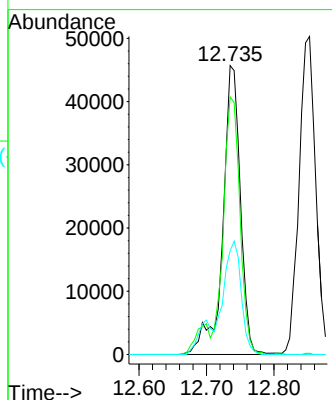
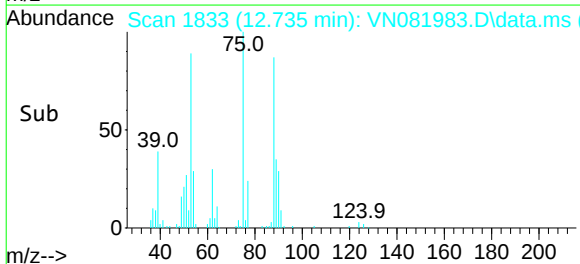
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 83128
Ion Ratio Lower Upper
75 100
53 83.1 72.9 109.3
89 38.6 39.1 58.7#

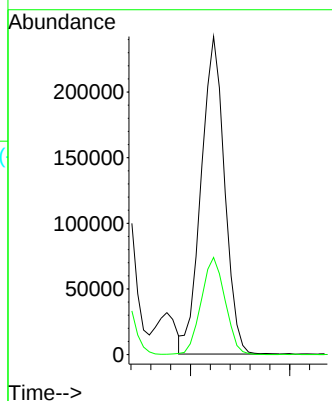
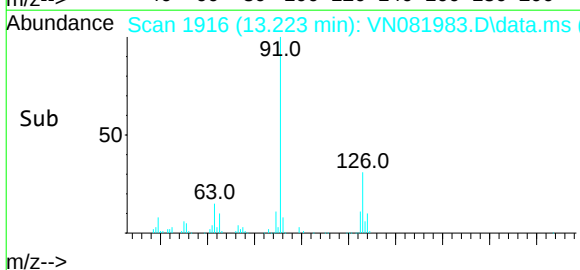
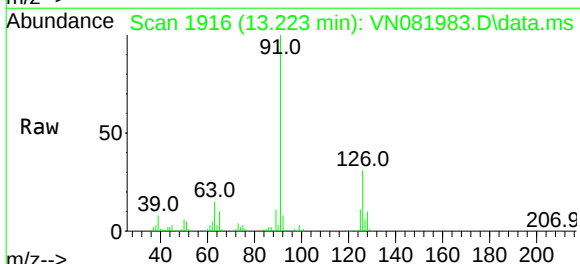
Manual Integrations
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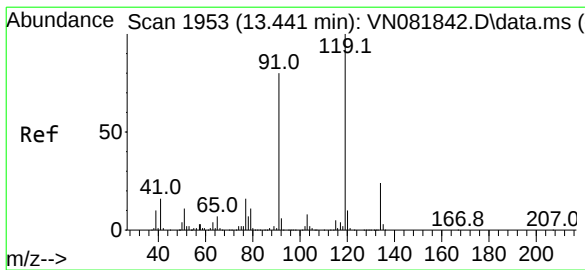
Reviewed By :John Carlone 05/06/2024
Supervised By :Semsettin Yesilyurt 05/06/2024



#82
4-Chlorotoluene
Concen: 46.051 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.000 min
Lab File: VN081983.D
Acq: 03 May 2024 11:07

Tgt Ion: 91 Resp: 396495
Ion Ratio Lower Upper
91 100
126 31.3 17.4 52.3





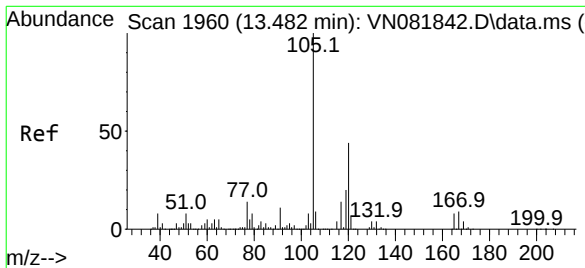
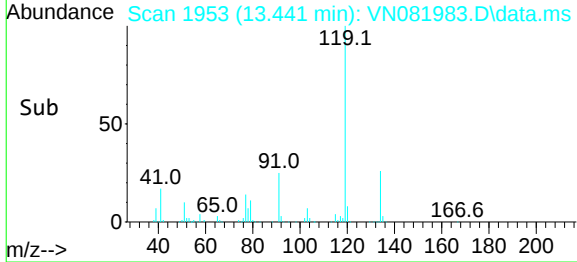
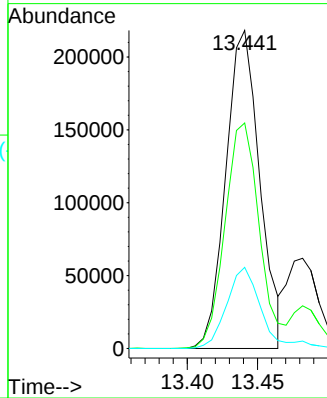
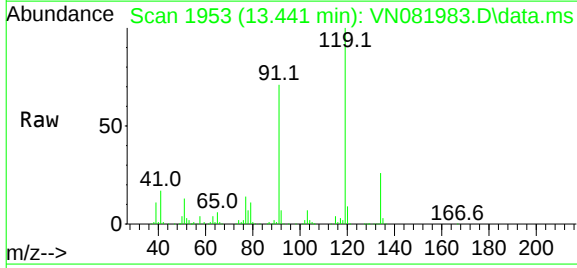
#83
tert-Butylbenzene
Concen: 45.367 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. -0.000 min
Lab File: VN081983.D
Acq: 03 May 2024 11:07

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:	119	Resp:	366871
Ion	Ratio	Lower	Upper
119	100		
91	72.5	32.6	97.8
134	26.2	12.4	37.0

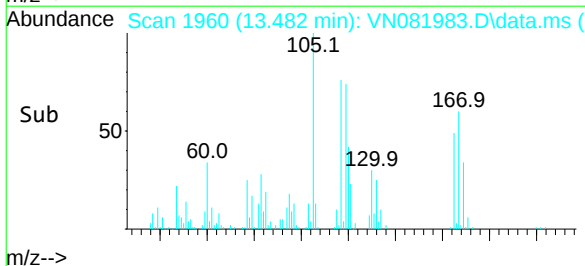
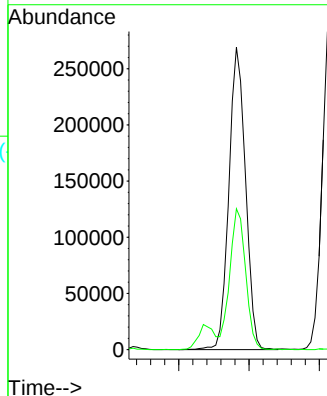
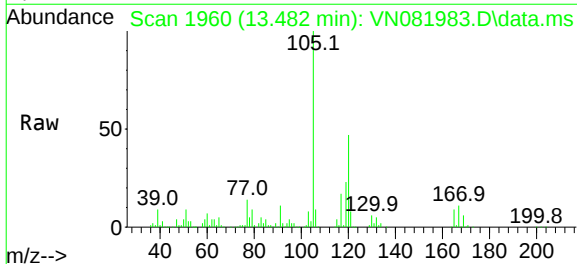
Manual Integrations
APPROVED

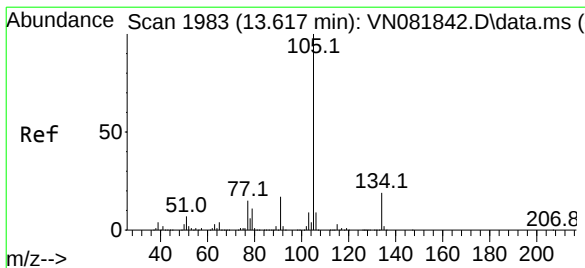
Reviewed By :John Carlone 05/06/2024
Supervised By :Semsettin Yesilyurt 05/06/2024



#84
1,2,4-Trimethylbenzene
Concen: 45.537 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. -0.000 min
Lab File: VN081983.D
Acq: 03 May 2024 11:07

Tgt Ion:	105	Resp:	441596
Ion	Ratio	Lower	Upper
105	100		
120	45.0	22.9	68.7





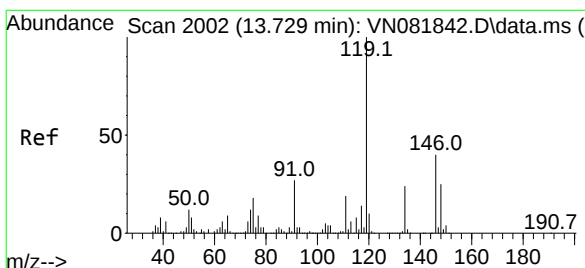
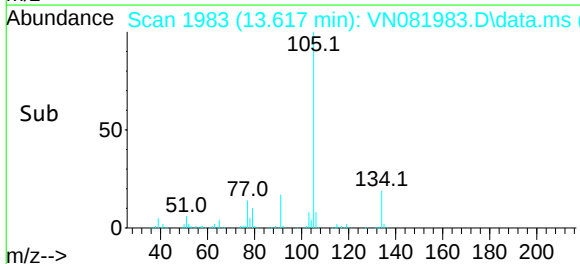
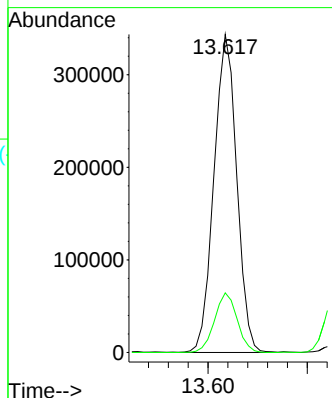
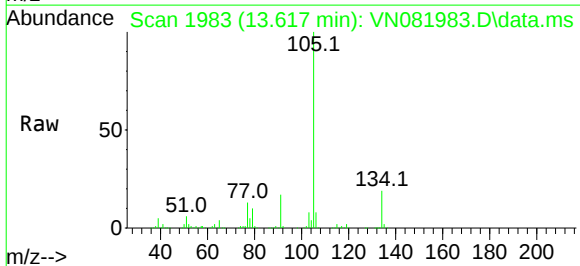
#85
sec-Butylbenzene
Concen: 48.064 ug/l
RT: 13.617 min Scan# 1983
Delta R.T. -0.000 min
Lab File: VN081983.D
Acq: 03 May 2024 11:07

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:105 Resp: 547497
Ion Ratio Lower Upper
105 100
134 18.6 10.2 30.4

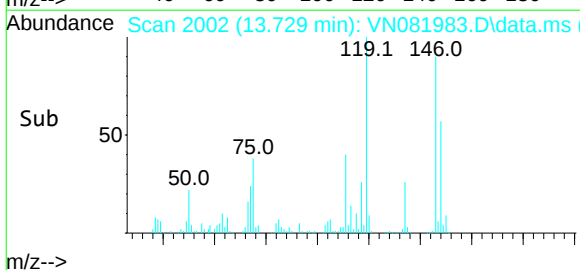
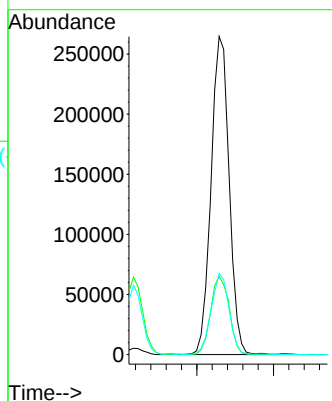
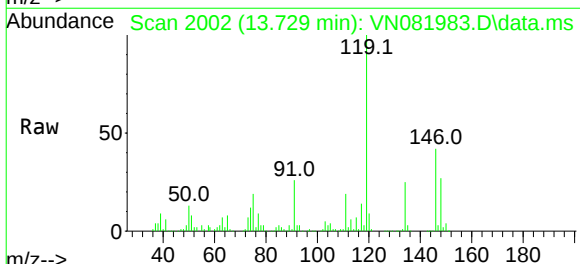
Manual Integrations
APPROVED

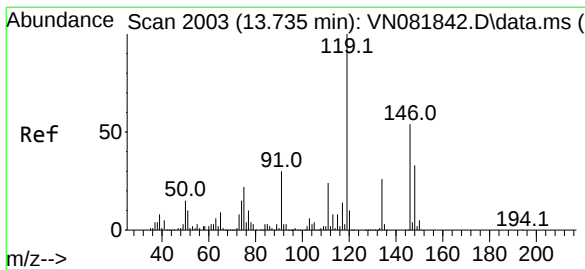
Reviewed By :John Carlone 05/06/2024
Supervised By :Semsettin Yesilyurt 05/06/2024



#86
p-Isopropyltoluene
Concen: 47.415 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. -0.000 min
Lab File: VN081983.D
Acq: 03 May 2024 11:07

Tgt Ion:119 Resp: 433671
Ion Ratio Lower Upper
119 100
134 25.1 13.2 39.5
91 25.5 11.8 35.3





#87

1,3-Dichlorobenzene

Concen: 46.724 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. -0.000 min

Lab File: VN081983.D

Acq: 03 May 2024 11:07

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

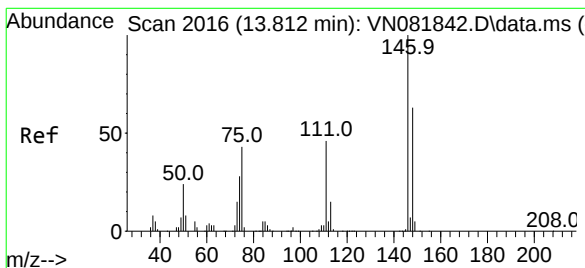
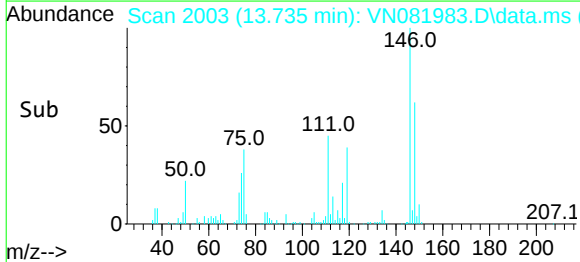
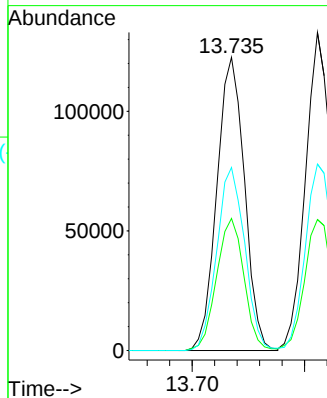
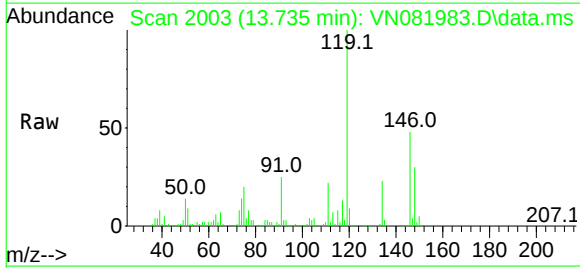
Tgt Ion:	146	Resp:	209358
Ion Ratio	Lower	Upper	
146	100		
111	44.6	20.8	62.5
148	63.2	32.1	96.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/06/2024

Supervised By :Semsettin Yesilyurt 05/06/2024



#88

1,4-Dichlorobenzene

Concen: 49.180 ug/l

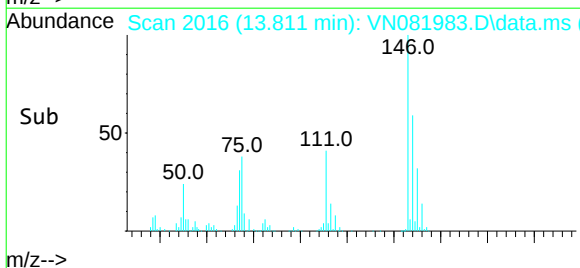
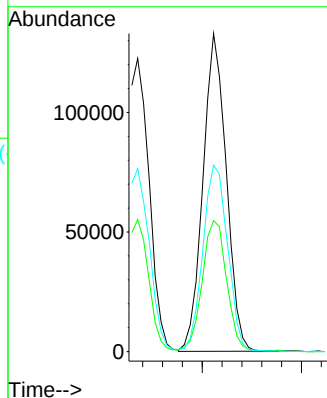
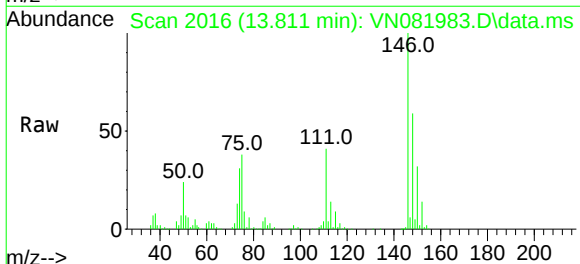
RT: 13.811 min Scan# 2016

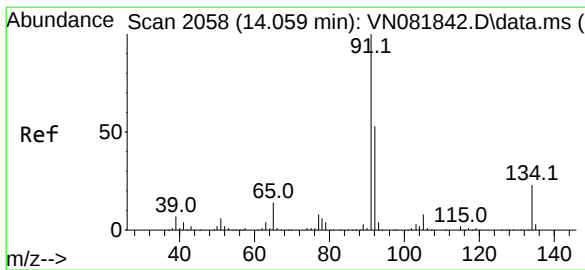
Delta R.T. -0.000 min

Lab File: VN081983.D

Acq: 03 May 2024 11:07

Tgt Ion:	146	Resp:	217001
Ion Ratio	Lower	Upper	
146	100		
111	42.8	19.3	57.9
148	62.4	31.3	93.9





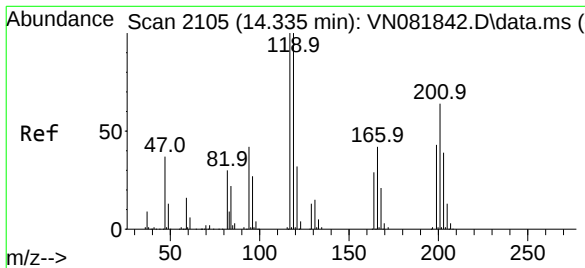
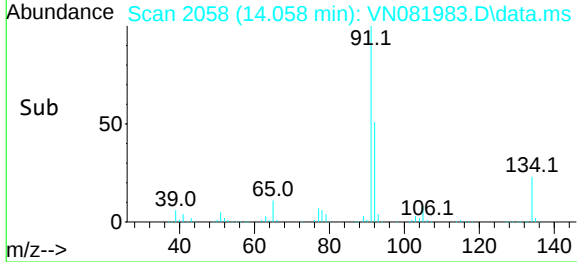
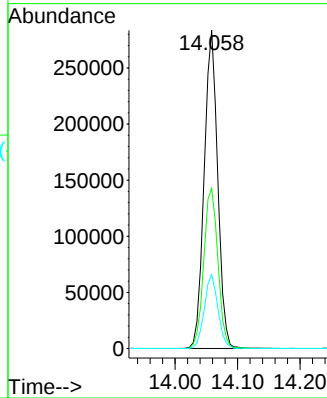
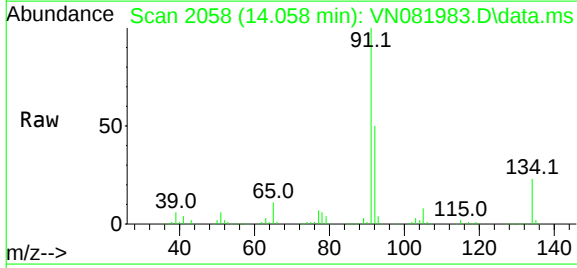
#89
n-Butylbenzene
Concen: 50.032 ug/l
RT: 14.058 min Scan# 2058
Delta R.T. -0.000 min
Lab File: VN081983.D
Acq: 03 May 2024 11:07

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
91	100		
92	52.6	26.2	78.5
134	23.4	13.2	39.5

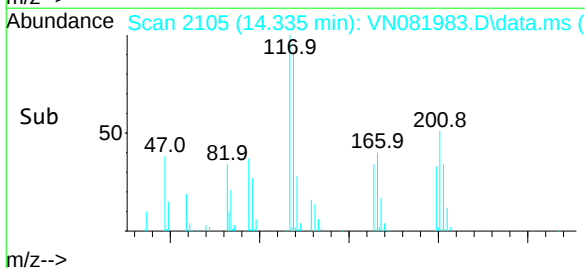
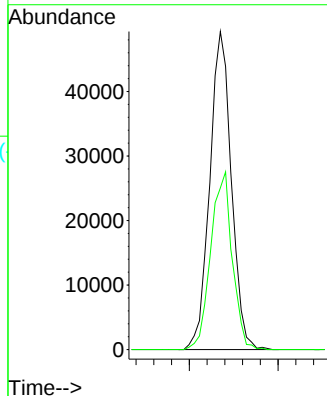
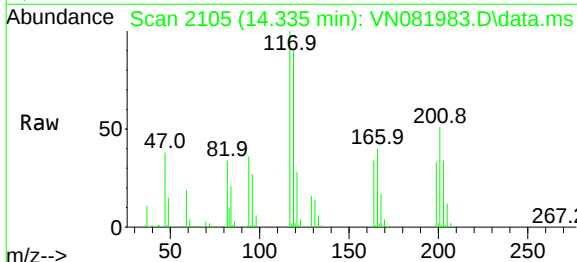
Manual Integrations
APPROVED

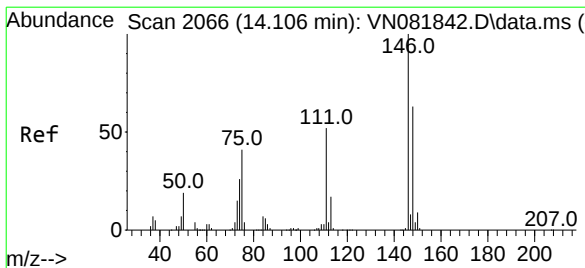
Reviewed By :John Carlone 05/06/2024
Supervised By :Semsettin Yesilyurt 05/06/2024



#90
Hexachloroethane
Concen: 46.278 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. -0.000 min
Lab File: VN081983.D
Acq: 03 May 2024 11:07

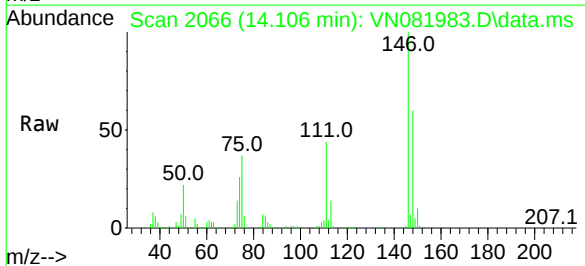
Tgt Ion	Ratio	Lower	Upper
117	100		
201	55.6	33.3	99.8





#91
1,2-Dichlorobenzene
Concen: 49.330 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN081983.D
Acq: 03 May 2024 11:07

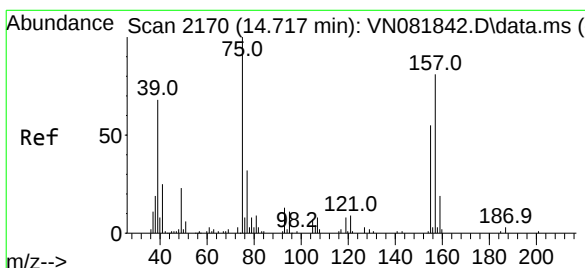
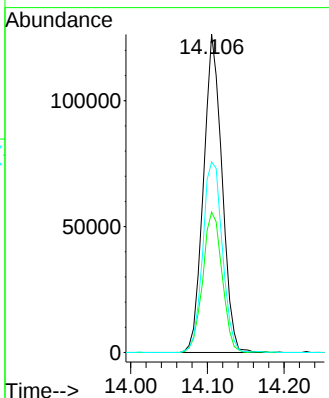
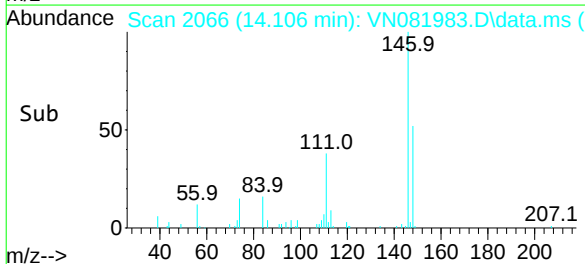
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:146 Resp: 211893
Ion Ratio Lower Upper
146 100
111 46.0 21.3 64.0
148 63.5 31.8 95.4

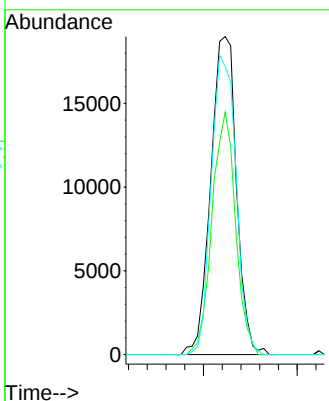
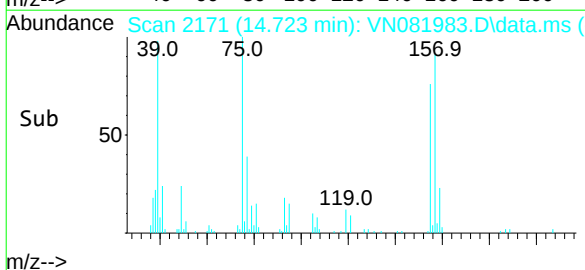
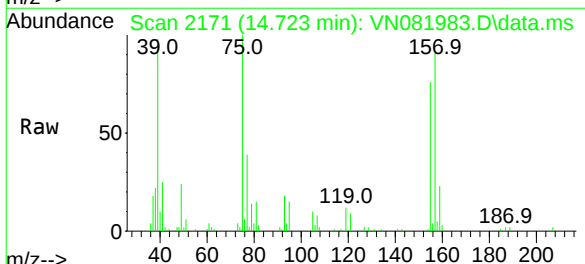
Manual Integrations
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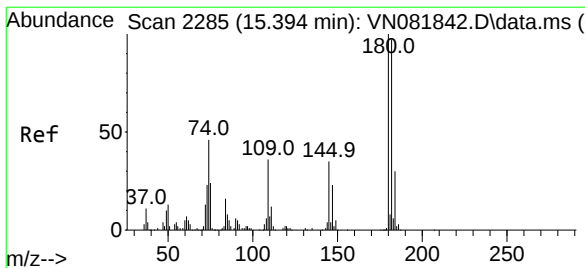
Reviewed By :John Carlone 05/06/2024
Supervised By :Semsettin Yesilyurt 05/06/2024



#92
1,2-Dibromo-3-Chloropropane
Concen: 43.241 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.006 min
Lab File: VN081983.D
Acq: 03 May 2024 11:07

Tgt Ion: 75 Resp: 36278
Ion Ratio Lower Upper
75 100
155 69.5 42.6 128.0
157 90.6 53.0 159.0





#93

1,2,4-Trichlorobenzene

Concen: 50.079 ug/l

RT: 15.394 min Scan# 2285

Delta R.T. -0.000 min

Lab File: VN081983.D

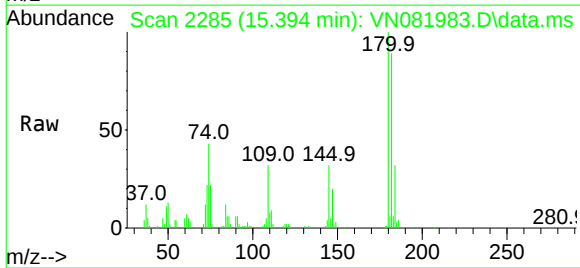
Acq: 03 May 2024 11:07

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050



Tgt Ion:180 Resp: 120344

Ion Ratio Lower Upper

180 100

182 91.5 46.7 140.0

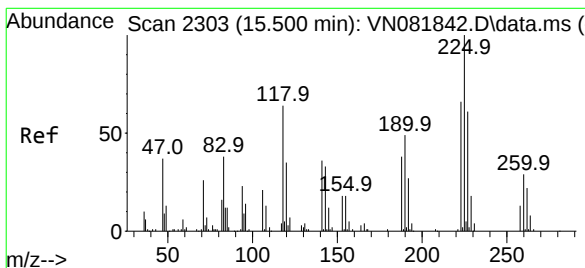
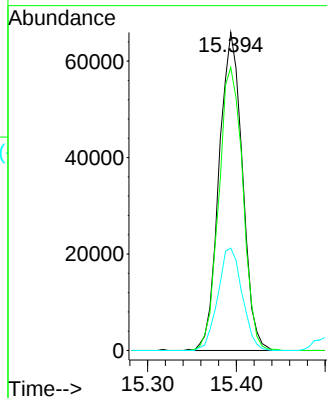
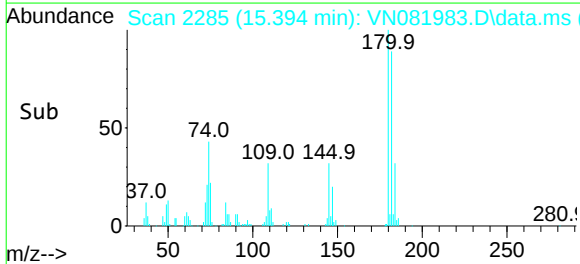
145 33.5 16.2 48.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/06/2024

Supervised By :Semsettin Yesilyurt 05/06/2024



#94

Hexachlorobutadiene

Concen: 44.838 ug/l

RT: 15.500 min Scan# 2303

Delta R.T. -0.000 min

Lab File: VN081983.D

Acq: 03 May 2024 11:07

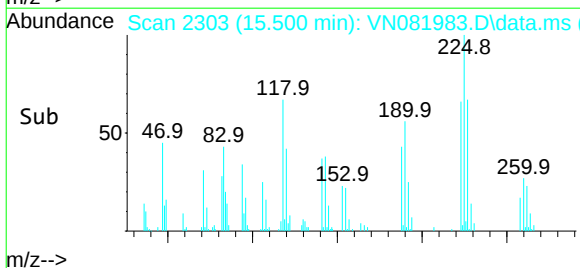
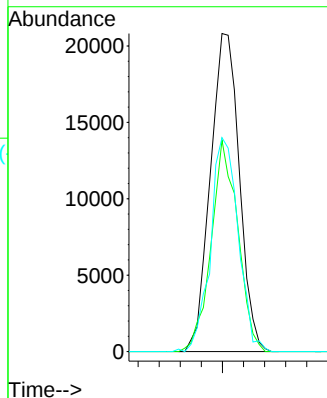
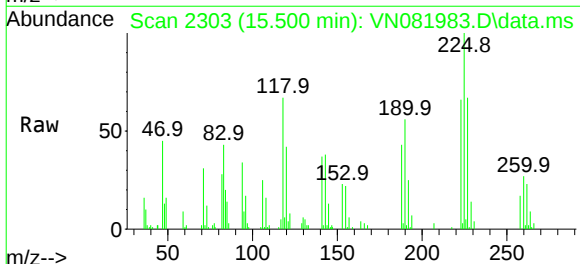
Tgt Ion:225 Resp: 39715

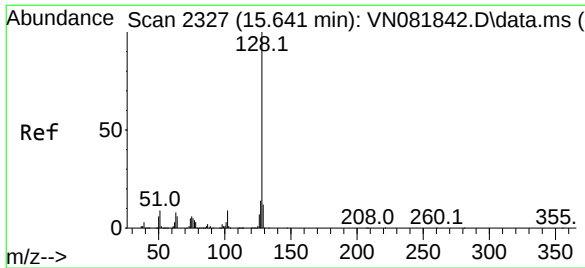
Ion Ratio Lower Upper

225 100

223 61.1 31.1 93.2

227 64.3 30.6 91.6





#95

Naphthalene

Concen: 52.240 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. -0.000 min

Lab File: VN081983.D

Acq: 03 May 2024 11:07

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:128 Resp: 474366

Ion Ratio Lower Upper

128 100

127 12.6 10.1 15.1

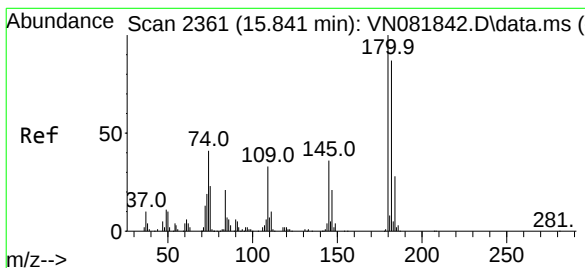
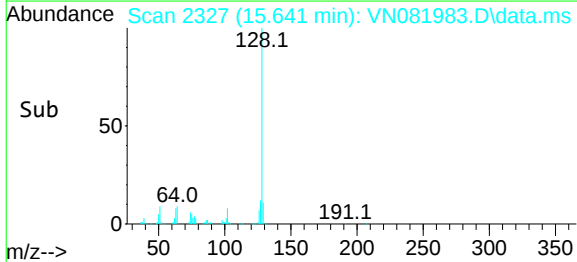
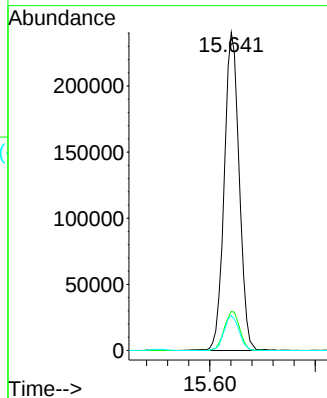
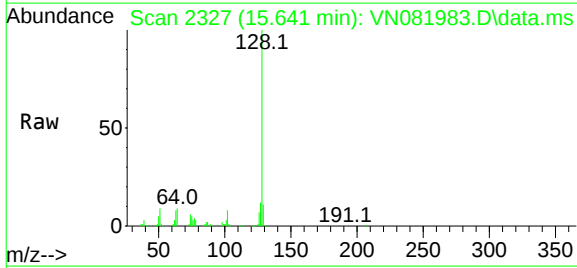
129 11.0 8.9 13.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/06/2024

Supervised By :Semsettin Yesilyurt 05/06/2024



#96

1,2,3-Trichlorobenzene

Concen: 51.603 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. -0.000 min

Lab File: VN081983.D

Acq: 03 May 2024 11:07

Tgt Ion:180 Resp: 119058

Ion Ratio Lower Upper

180 100

182 94.8 46.0 137.8

145 36.8 17.1 51.3

