

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050324\
 Data File : VN081998.D
 Acq On : 03 May 2024 17:48
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

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

Quant Time: May 06 01:58:37 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	180084	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	377512	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	326661	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	135197	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	154255	50.753	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	101.500%
35) Dibromofluoromethane	8.165	113	110787	48.742	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.480%
50) Toluene-d8	10.571	98	462996	51.866	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	103.740%
62) 4-Bromofluorobenzene	12.847	95	158386	44.883	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	89.760%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	111012	43.914	ug/l	96
3) Chloromethane	2.359	50	124837	47.337	ug/l	95
4) Vinyl Chloride	2.518	62	122653	51.379	ug/l	98
5) Bromomethane	2.947	94	54573	54.159	ug/l	95
6) Chloroethane	3.124	64	68120	56.458	ug/l	90
7) Trichlorofluoromethane	3.500	101	161311	43.682	ug/l	98
8) Diethyl Ether	3.959	74	78621	50.119	ug/l	85
9) 1,1,2-Trichlorotrifluo...	4.371	101	104533	48.757	ug/l	91
10) Methyl Iodide	4.589	142	105889	56.389	ug/l	96
11) Tert butyl alcohol	5.518	59	119583	216.430	ug/l	97
12) 1,1-Dichloroethene	4.336	96	105088	48.180	ug/l	86
13) Acrolein	4.177	56	83612	192.293	ug/l	96
14) Allyl chloride	5.024	41	190522	41.295	ug/l	91
15) Acrylonitrile	5.718	53	327484	246.832	ug/l	99
16) Acetone	4.430	43	223243	248.353	ug/l	97
17) Carbon Disulfide	4.718	76	270028	41.190	ug/l	96
18) Methyl Acetate	5.024	43	156505	50.838	ug/l	91
19) Methyl tert-butyl Ether	5.800	73	396592	48.187	ug/l	95
20) Methylene Chloride	5.271	84	127057	48.780	ug/l #	82
21) trans-1,2-Dichloroethene	5.783	96	109319	45.968	ug/l	88
22) Diisopropyl ether	6.671	45	453110	50.753	ug/l #	94
23) Vinyl Acetate	6.600	43	1745170	240.584	ug/l #	92
24) 1,1-Dichloroethane	6.571	63	241238	51.915	ug/l	96
25) 2-Butanone	7.482	43	415084	240.621	ug/l #	88
26) 2,2-Dichloropropane	7.494	77	186131	43.544	ug/l	99
27) cis-1,2-Dichloroethene	7.488	96	143124	51.503	ug/l	89
28) Bromochloromethane	7.812	49	112742	51.049	ug/l #	79
29) Tetrahydrofuran	7.841	42	290426	234.772	ug/l	89
30) Chloroform	7.965	83	222497	48.306	ug/l	94
31) Cyclohexane	8.259	56	199948	43.670	ug/l	95
32) 1,1,1-Trichloroethane	8.171	97	182918	44.532	ug/l #	93
36) 1,1-Dichloropropene	8.371	75	158303	42.810	ug/l	96
37) Ethyl Acetate	7.559	43	173981	43.516	ug/l	99
38) Carbon Tetrachloride	8.365	117	144186	39.896	ug/l	96
39) Methylcyclohexane	9.600	83	185363	41.275	ug/l	90
40) Benzene	8.606	78	526484	47.429	ug/l	93

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	106283	41.662	ug/l	89
42) 1,2-Dichloroethane	8.677	62	175159	42.494	ug/l	97
43) Isopropyl Acetate	8.688	43	325955	43.359	ug/l #	93
44) Trichloroethene	9.353	130	105592	41.258	ug/l	82
45) 1,2-Dichloropropane	9.624	63	139579	48.046	ug/l	94
46) Dibromomethane	9.712	93	84763	42.214	ug/l	90
47) Bromodichloromethane	9.888	83	182203	43.026	ug/l #	94
48) Methyl methacrylate	9.682	41	151098	42.103	ug/l	89
49) 1,4-Dioxane	9.694	88	48599	890.971	ug/l #	84
51) 4-Methyl-2-Pentanone	10.447	43	929801	219.709	ug/l	95
52) Toluene	10.629	92	313660	47.184	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	201150	43.655	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	212189	44.681	ug/l #	89
55) 1,1,2-Trichloroethane	11.018	97	120450	46.072	ug/l	98
56) Ethyl methacrylate	10.876	69	217384	43.666	ug/l #	84
57) 1,3-Dichloropropane	11.165	76	212806	45.784	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	528432	233.007	ug/l	90
59) 2-Hexanone	11.194	43	691307	219.501	ug/l	96
60) Dibromochloromethane	11.359	129	123473	44.590	ug/l	100
61) 1,2-Dibromoethane	11.470	107	113886	45.551	ug/l	99
64) Tetrachloroethene	11.106	164	95325	40.179	ug/l	95
65) Chlorobenzene	11.894	112	329938	46.251	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.965	131	106798	46.066	ug/l	97
67) Ethyl Benzene	11.965	91	605811	45.664	ug/l	98
68) m/p-Xylenes	12.070	106	440639	93.117	ug/l	95
69) o-Xylene	12.400	106	216435	46.848	ug/l	95
70) Styrene	12.412	104	365870	45.779	ug/l	96
71) Bromoform	12.582	173	70757	38.821	ug/l #	98
73) Isopropylbenzene	12.694	105	559228	46.524	ug/l	97
74) N-amyl acetate	12.494	43	295532	44.160	ug/l	91
75) 1,1,2,2-Tetrachloroethane	12.941	83	168942	46.803	ug/l	95
76) 1,2,3-Trichloropropane	12.994	75	151087m	43.102	ug/l	
77) Bromobenzene	12.982	156	112984	44.918	ug/l	72
78) n-propylbenzene	13.035	91	665897	45.607	ug/l	96
79) 2-Chlorotoluene	13.123	91	399127	42.965	ug/l	91
80) 1,3,5-Trimethylbenzene	13.176	105	449729	44.214	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.741	75	70920	41.458	ug/l	89
82) 4-Chlorotoluene	13.223	91	390985	43.353	ug/l	93
83) tert-Butylbenzene	13.441	119	376020	44.391	ug/l	94
84) 1,2,4-Trimethylbenzene	13.482	105	450572	44.357	ug/l	98
85) sec-Butylbenzene	13.617	105	551416	46.214	ug/l	96
86) p-Isopropyltoluene	13.729	119	433883	45.288	ug/l	97
87) 1,3-Dichlorobenzene	13.735	146	211982	45.166	ug/l	98
88) 1,4-Dichlorobenzene	13.811	146	213253	46.141	ug/l	97
89) n-Butylbenzene	14.059	91	405774	45.503	ug/l	97
90) Hexachloroethane	14.335	117	84248	44.703	ug/l	88
91) 1,2-Dichlorobenzene	14.106	146	213964	47.555	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.723	75	31203	35.506	ug/l	86
93) 1,2,4-Trichlorobenzene	15.394	180	103567	41.145	ug/l	97
94) Hexachlorobutadiene	15.500	225	36008	38.811	ug/l	97
95) Naphthalene	15.641	128	417578	43.902	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	107060	44.299	ug/l	97

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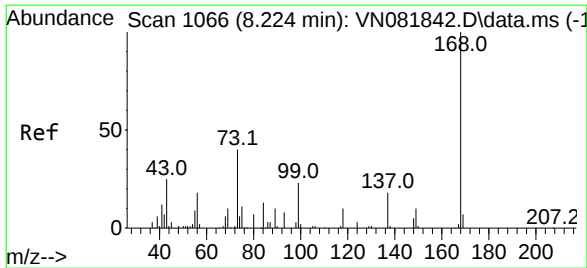
Manual Integrations
APPROVED

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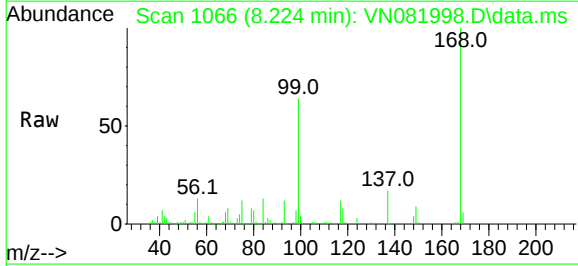
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 10
Delta R.T. -0.000 min
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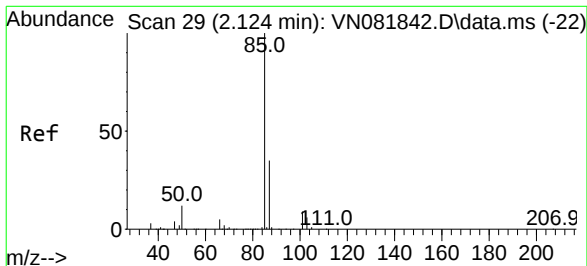
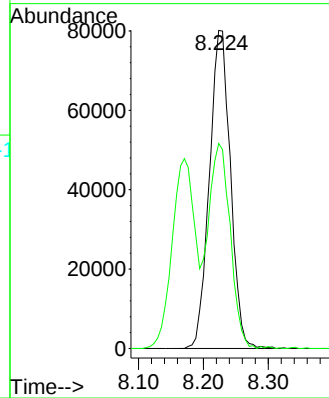
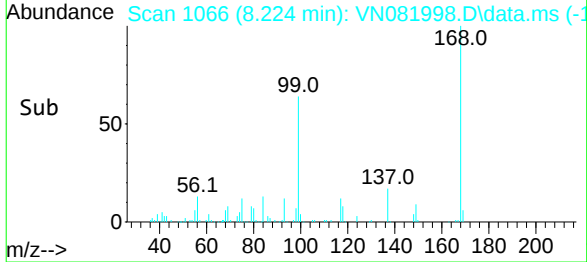
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:168 Resp: 180084
Ion Ratio Lower Upper
168 100
99 64.2 48.2 72.4

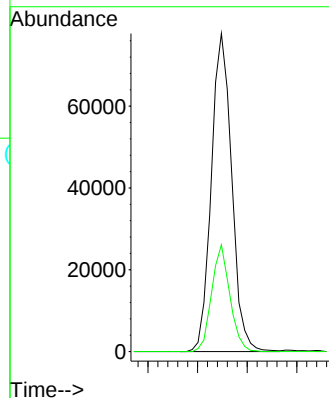
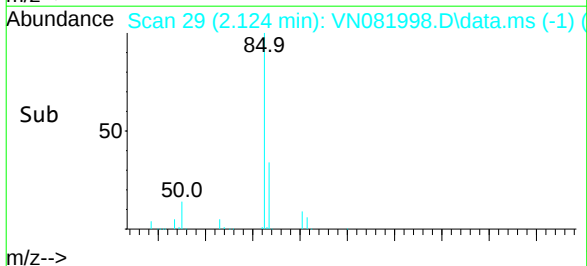
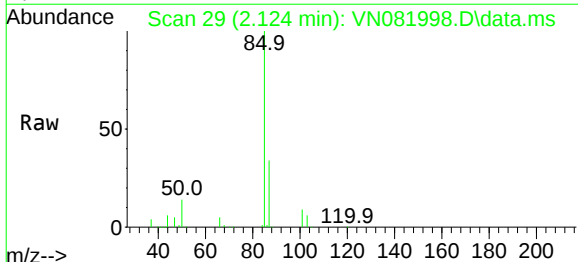
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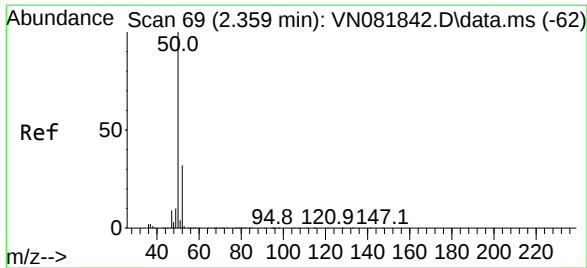
Reviewed By :John Carlone 05/06/2024
Supervised By :Semsettin Yesilyurt 05/06/2024



#2
Dichlorodifluoromethane
Concen: 43.914 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN081998.D
Acq: 03 May 2024 17:48

Tgt Ion: 85 Resp: 111012
Ion Ratio Lower Upper
85 100
87 33.6 15.8 47.4





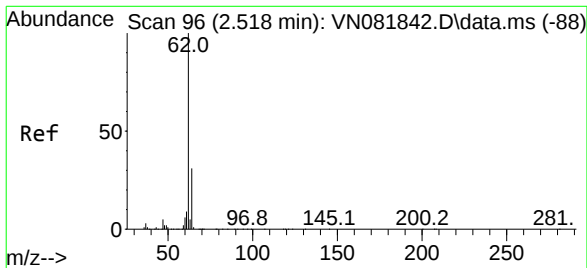
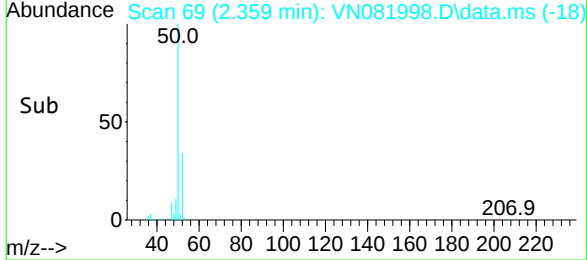
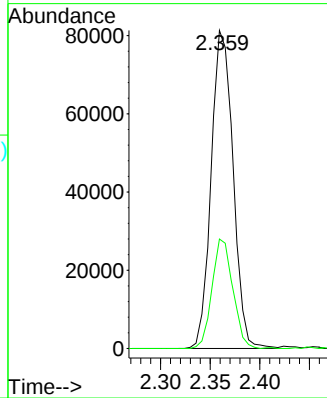
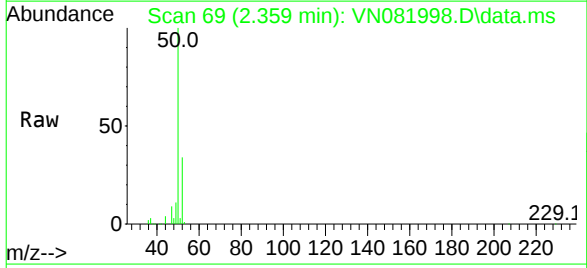
#3
Chloromethane
Concen: 47.337 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN081998.D
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Tgt Ion: 50 Resp: 124837
Ion Ratio Lower Upper
50 100
52 34.4 25.5 38.3

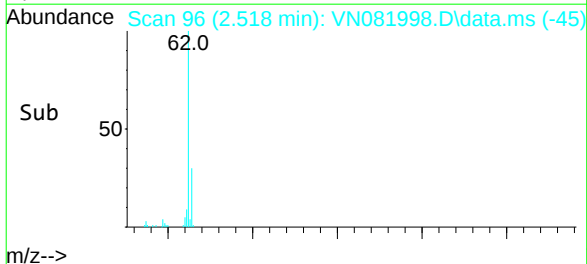
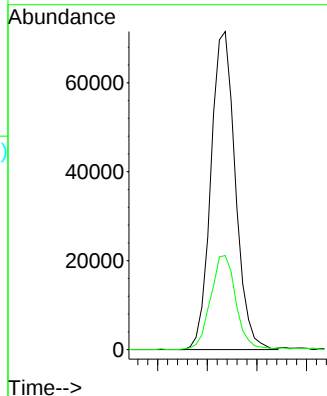
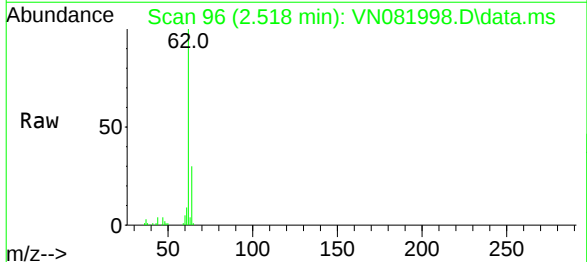
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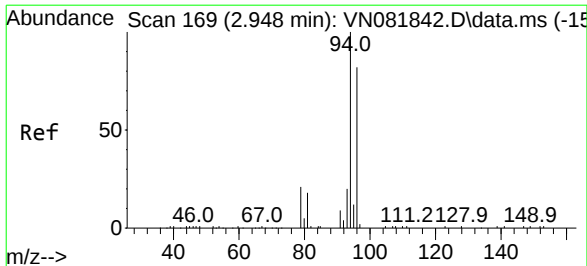
Reviewed By :John Carlone 05/06/2024
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#4
Vinyl Chloride
Concen: 51.379 ug/l
RT: 2.518 min Scan# 96
Delta R.T. -0.000 min
Lab File: VN081998.D
Acq: 03 May 2024 17:48

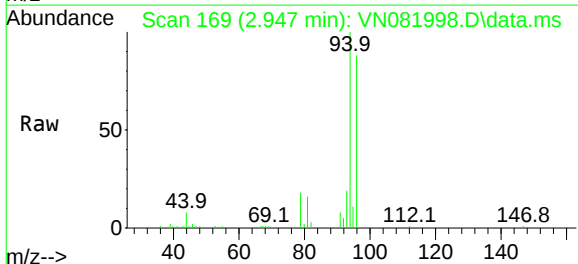
Tgt Ion: 62 Resp: 122653
Ion Ratio Lower Upper
62 100
64 29.6 24.6 37.0





#5
Bromomethane
Concen: 54.159 ug/l
RT: 2.947 min Scan# 169
Delta R.T. -0.001 min
Lab File: VN081998.D
Acq: 03 May 2024 17:48

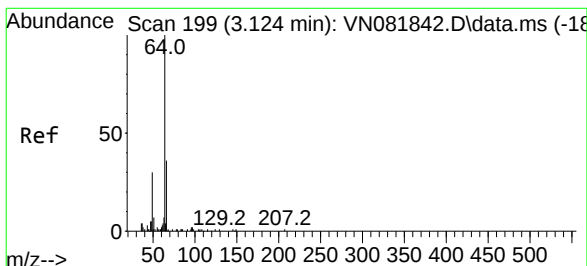
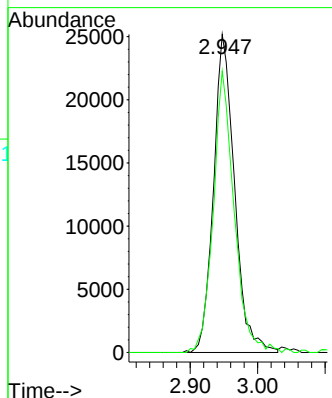
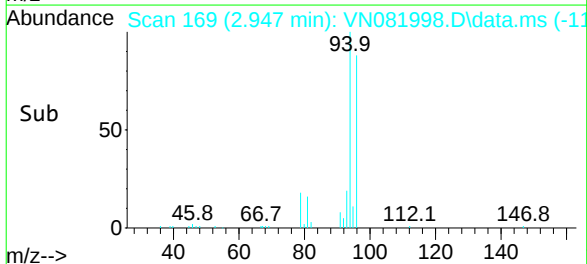
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Tgt Ion: 94 Resp: 54573
Ion Ratio Lower Upper
94 100
96 88.5 74.8 112.2

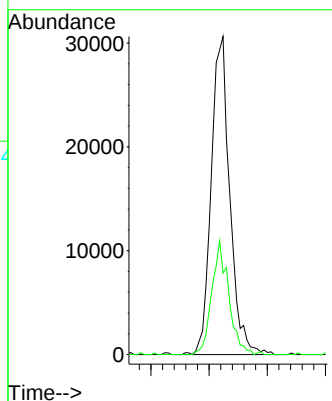
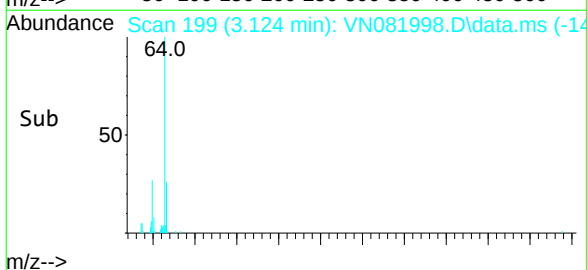
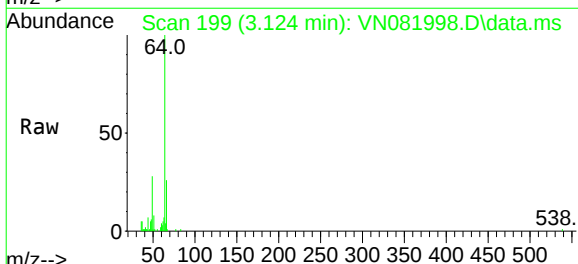
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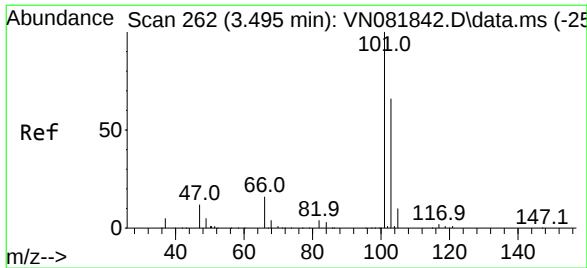
Reviewed By :John Carlone 05/06/2024
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#6
Chloroethane
Concen: 56.458 ug/l
RT: 3.124 min Scan# 199
Delta R.T. -0.000 min
Lab File: VN081998.D
Acq: 03 May 2024 17:48

Tgt Ion: 64 Resp: 68120
Ion Ratio Lower Upper
64 100
66 25.6 24.7 37.1





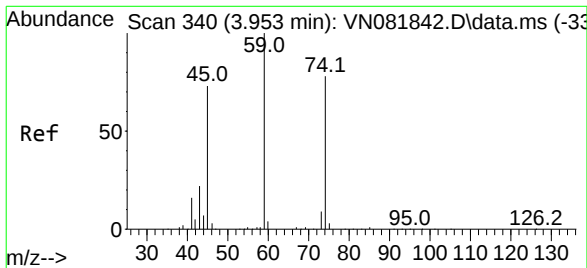
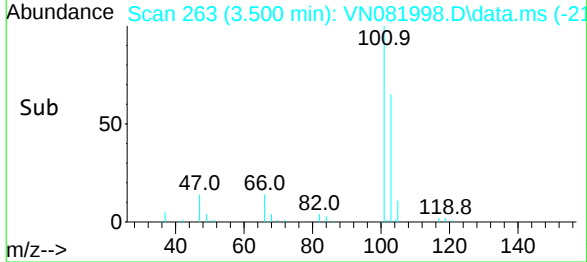
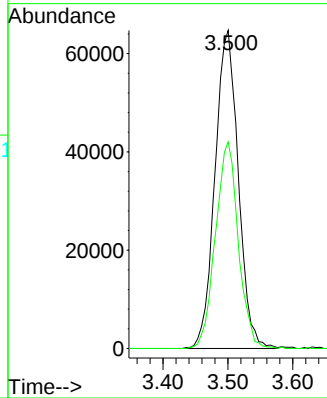
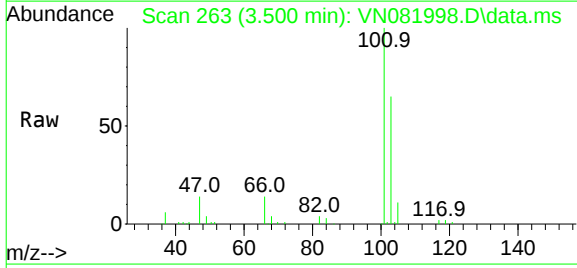
#7
 Trichlorofluoromethane
 Concen: 43.682 ug/l
 RT: 3.500 min Scan# 262
 Delta R.T. 0.006 min
 Lab File: VN081998.D
 Acq: 03 May 2024 17:48

Instrument :
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Tgt Ion:101 Resp: 161311
 Ion Ratio Lower Upper
 101 100
 103 65.0 50.6 75.8

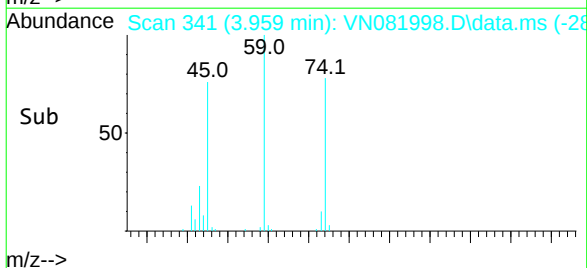
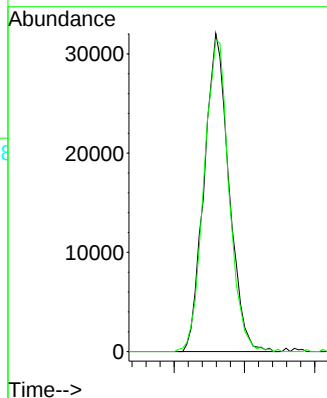
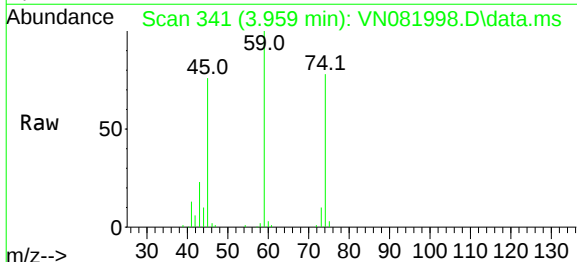
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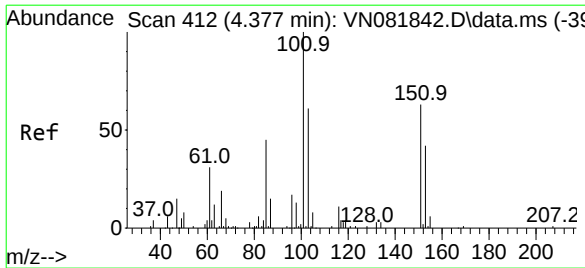
Reviewed By :John Carlone 05/06/2024
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#8
 Diethyl Ether
 Concen: 50.119 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. 0.006 min
 Lab File: VN081998.D
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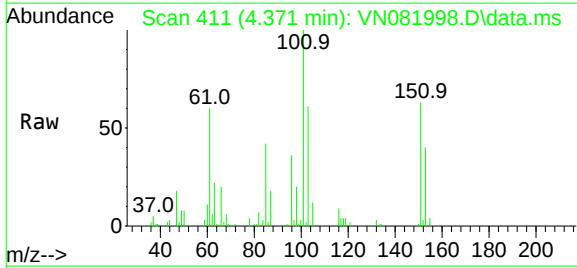
Tgt Ion: 74 Resp: 78621
 Ion Ratio Lower Upper
 74 100
 45 98.8 42.4 127.3





#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.757 ug/l
RT: 4.371 min Scan# 412
Delta R.T. -0.006 min
Lab File: VN081998.D
Acq: 03 May 2024 17:48

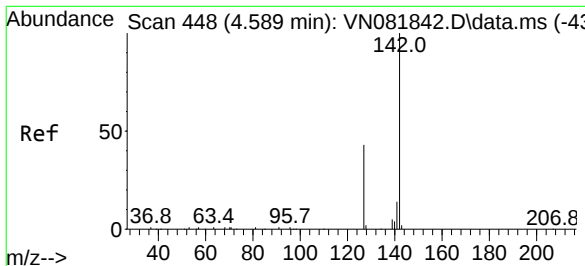
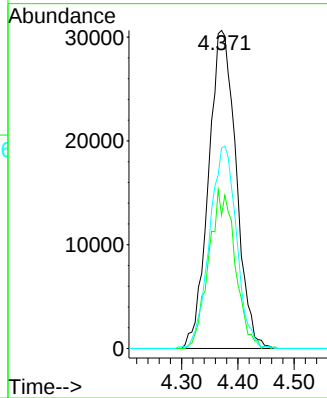
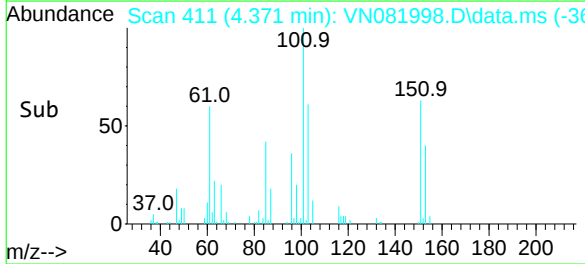
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:101 Resp: 104533
Ion Ratio Lower Upper
101 100
85 47.8 37.3 55.9
151 62.0 59.2 88.8

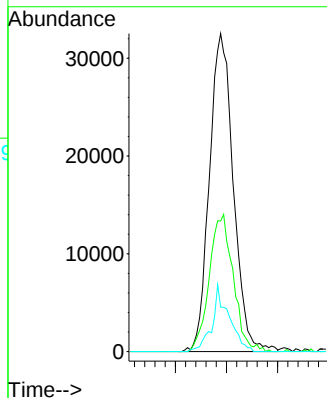
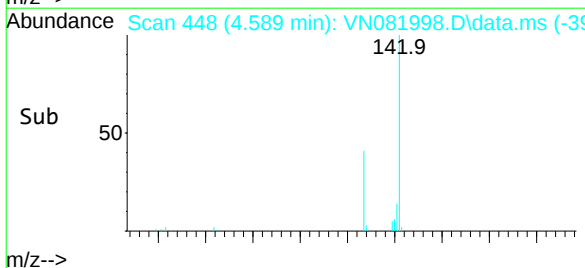
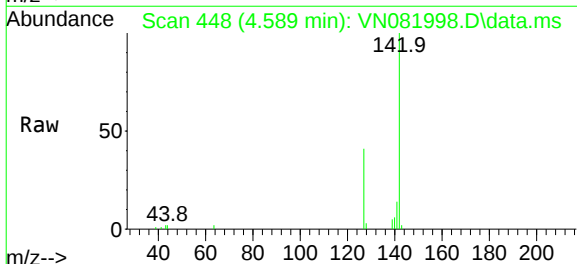
Manual Integrations
APPROVED

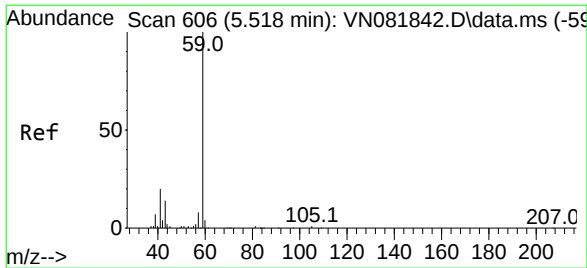
Reviewed By :John Carlone 05/06/2024
Supervised By :Semsettin Yesilyurt 05/06/2024



#10
Methyl Iodide
Concen: 56.389 ug/l
RT: 4.589 min Scan# 448
Delta R.T. -0.000 min
Lab File: VN081998.D
Acq: 03 May 2024 17:48

Tgt Ion:142 Resp: 105889
Ion Ratio Lower Upper
142 100
127 41.1 35.8 53.6
141 14.0 11.4 17.2





#11

Tert butyl alcohol

Concen: 216.430 ug/l

RT: 5.518 min Scan# 606

Delta R.T. -0.000 min

Lab File: VN081998.D

Acq: 03 May 2024 17:48

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 59 Resp: 119583

Ion Ratio Lower Upper

59 100

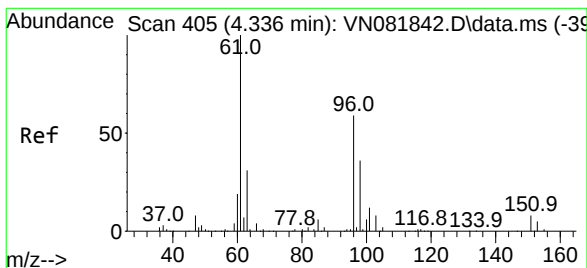
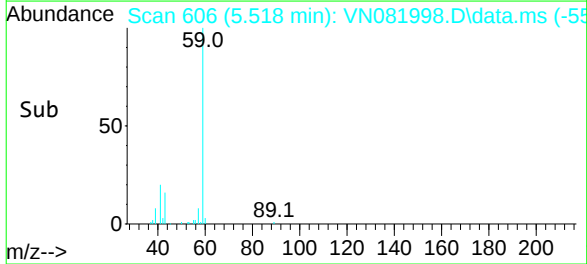
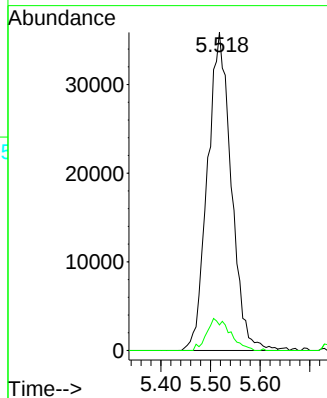
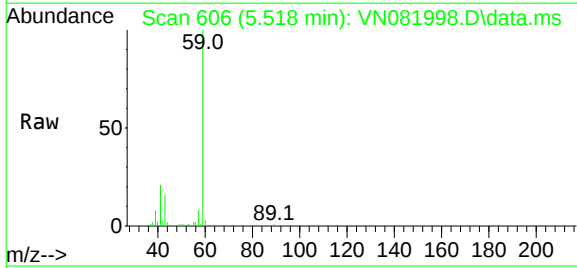
57 9.9 8.9 13.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/06/2024

Supervised By :Semsettin Yesilyurt 05/06/2024



#12

1,1-Dichloroethene

Concen: 48.180 ug/l

RT: 4.336 min Scan# 405

Delta R.T. -0.000 min

Lab File: VN081998.D

Acq: 03 May 2024 17:48

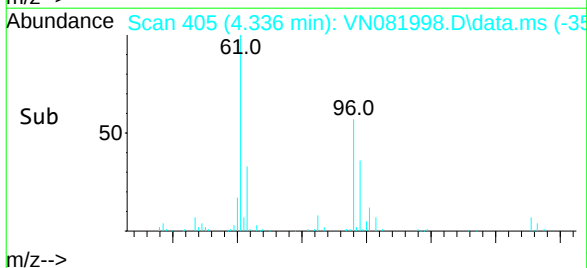
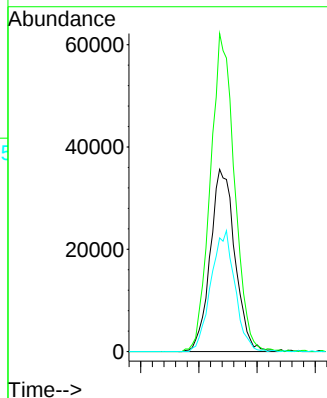
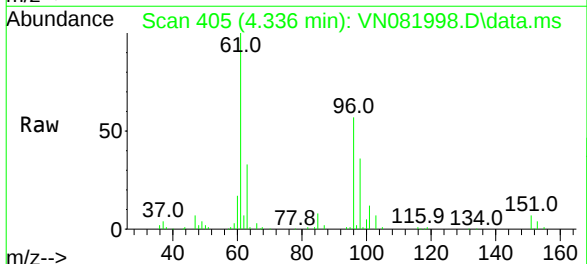
Tgt Ion: 96 Resp: 105088

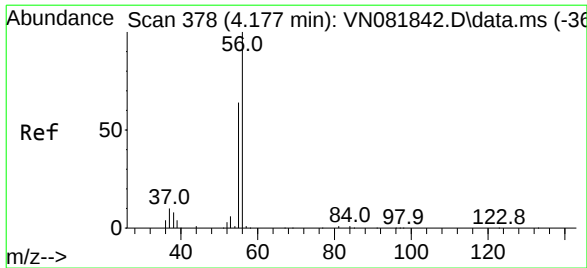
Ion Ratio Lower Upper

96 100

61 174.5 119.7 179.5

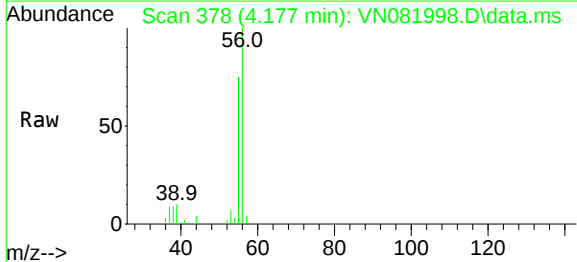
98 62.4 49.6 74.4





#13
Acrolein
Concen: 192.293 ug/l
RT: 4.177 min Scan# 378
Delta R.T. -0.000 min
Lab File: VN081998.D
Acq: 03 May 2024 17:48

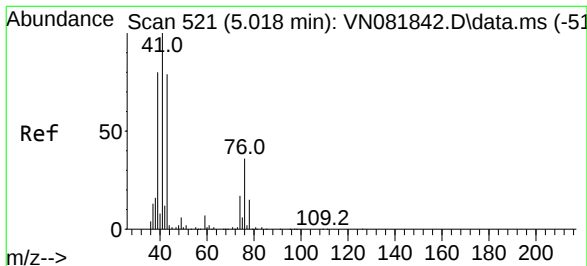
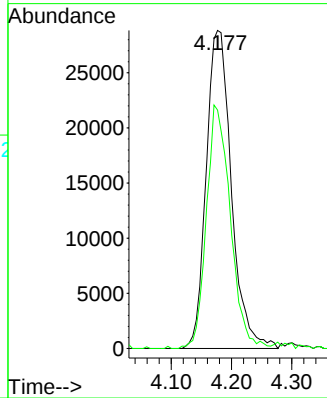
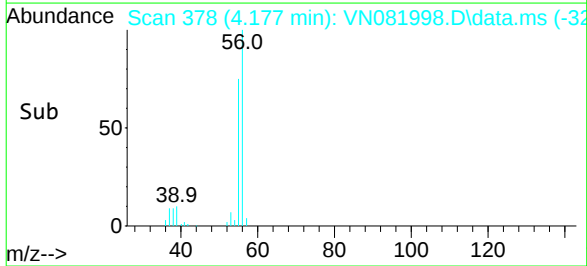
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



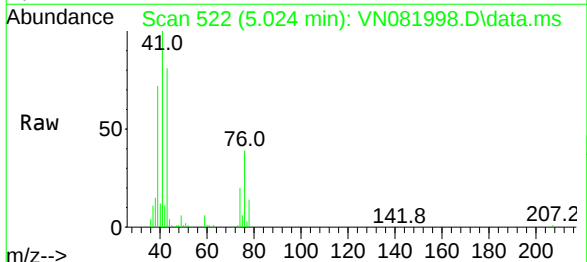
Tgt Ion: 56 Resp: 83612
Ion Ratio Lower Upper
56 100
55 72.8 55.8 83.8

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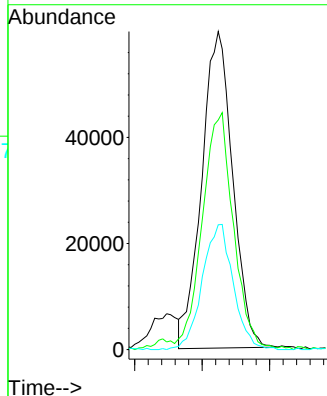
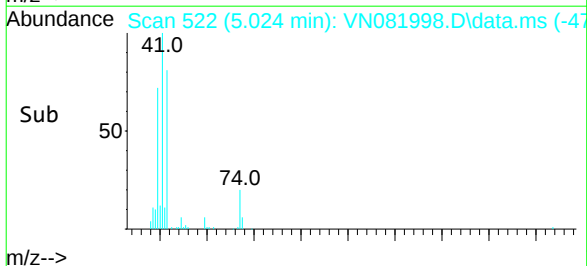
Reviewed By :John Carlone 05/06/2024
Supervised By :Semsettin Yesilyurt 05/06/2024

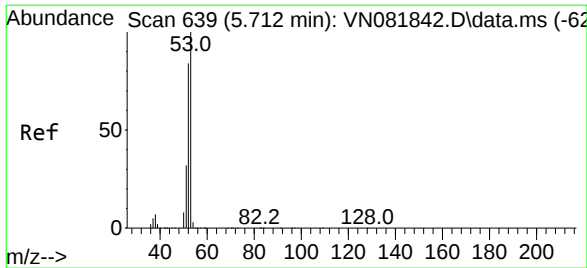


#14
Allyl chloride
Concen: 41.295 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN081998.D
Acq: 03 May 2024 17:48



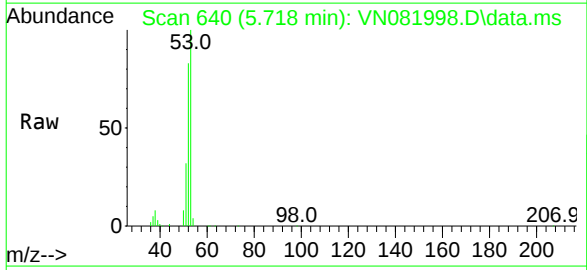
Tgt Ion: 41 Resp: 190522
Ion Ratio Lower Upper
41 100
39 74.0 65.4 98.0
76 39.3 37.3 55.9





#15
Acrylonitrile
Concen: 246.832 ug/l
RT: 5.718 min Scan# 640
Delta R.T. 0.006 min
Lab File: VN081998.D
Acq: 03 May 2024 17:48

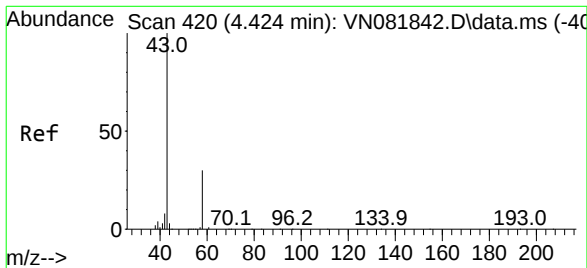
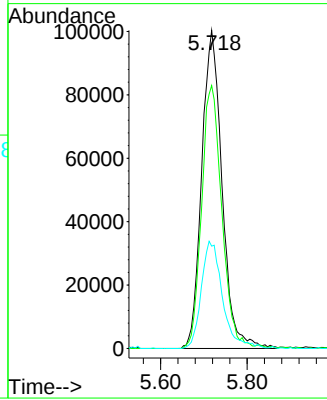
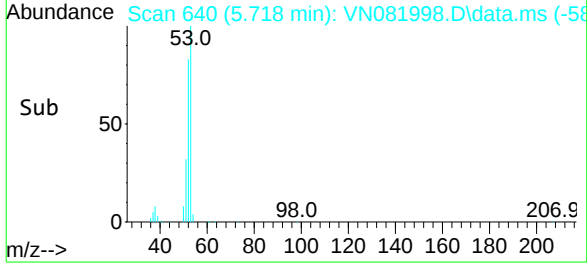
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



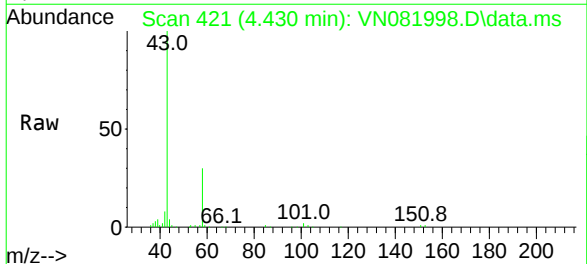
Tgt Ion: 53 Resp: 327484
Ion Ratio Lower Upper
53 100
52 82.0 66.1 99.1
51 35.1 29.4 44.2

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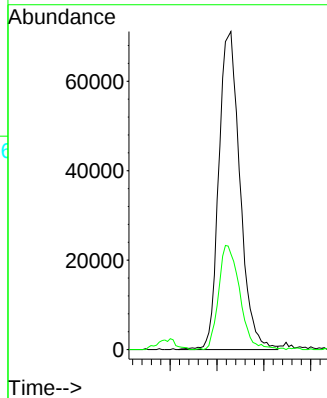
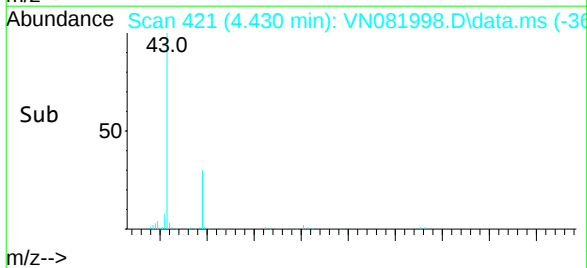
Reviewed By :John Carlone 05/06/2024
Supervised By :Semsettin Yesilyurt 05/06/2024

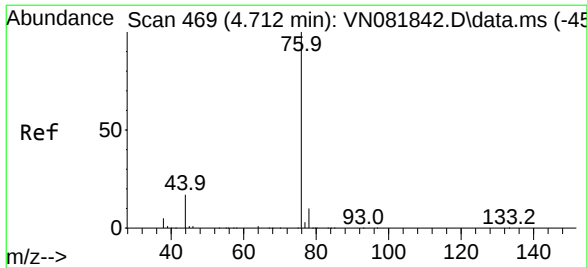


#16
Acetone
Concen: 248.353 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN081998.D
Acq: 03 May 2024 17:48



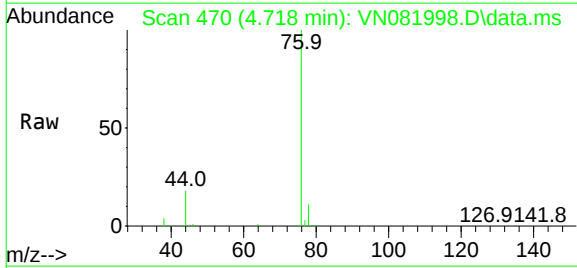
Tgt Ion: 43 Resp: 223243
Ion Ratio Lower Upper
43 100
58 29.8 25.2 37.8





#17
Carbon Disulfide
Concen: 41.190 ug/l
RT: 4.718 min Scan# 471
Delta R.T. 0.006 min
Lab File: VN081998.D
Acq: 03 May 2024 17:48

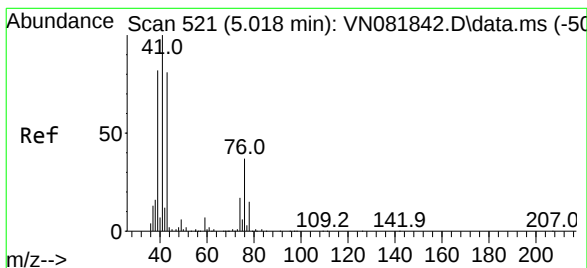
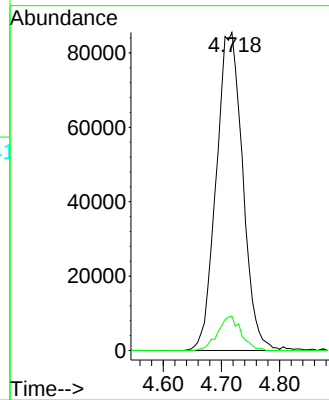
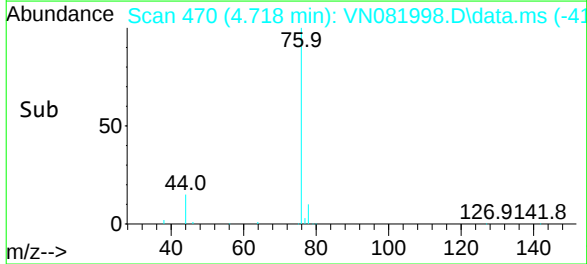
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



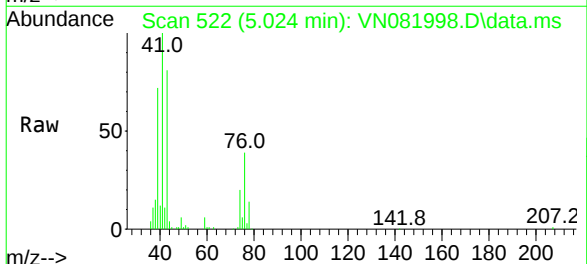
Tgt Ion: 76 Resp: 270028
Ion Ratio Lower Upper
76 100
78 10.8 7.5 11.3

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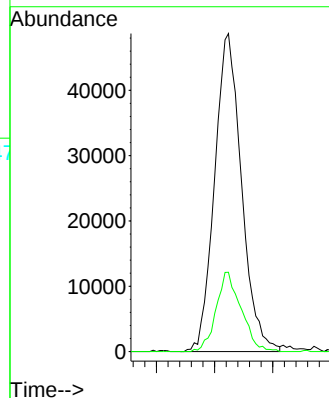
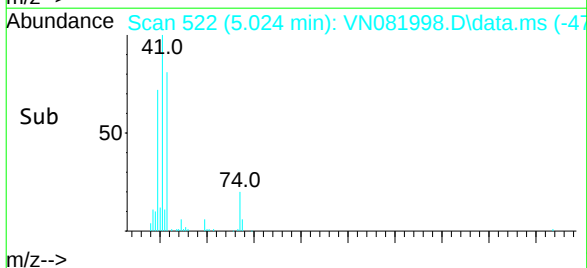
Reviewed By :John Carlone 05/06/2024
Supervised By :Semsettin Yesilyurt 05/06/2024

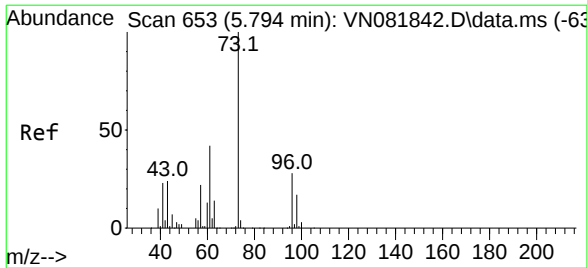


#18
Methyl Acetate
Concen: 50.838 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN081998.D
Acq: 03 May 2024 17:48



Tgt Ion: 43 Resp: 156505
Ion Ratio Lower Upper
43 100
74 23.2 22.2 33.2





#19

Methyl tert-butyl Ether

Concen: 48.187 ug/l

RT: 5.800 min Scan# 65

Delta R.T. 0.006 min

Lab File: VN081998.D

Acq: 03 May 2024 17:48

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 73 Resp: 396592

Ion Ratio Lower Upper

73 100

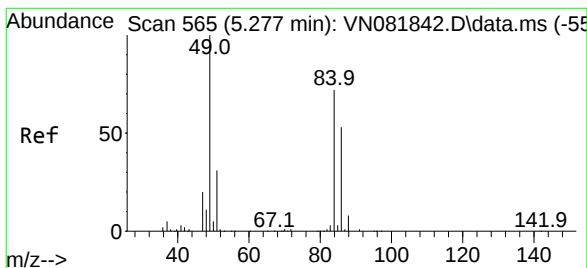
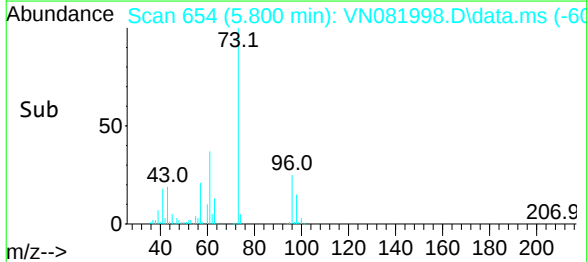
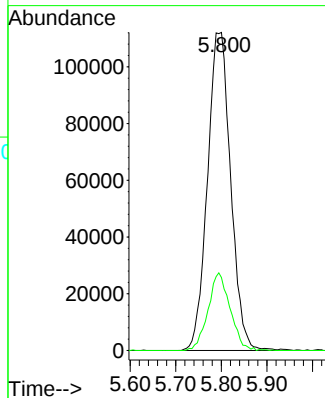
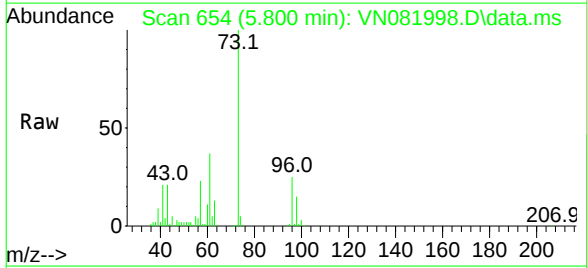
57 22.9 16.5 24.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/06/2024

Supervised By :Semsettin Yesilyurt 05/06/2024



#20

Methylene Chloride

Concen: 48.780 ug/l

RT: 5.271 min Scan# 564

Delta R.T. -0.006 min

Lab File: VN081998.D

Acq: 03 May 2024 17:48

Tgt Ion: 84 Resp: 127057

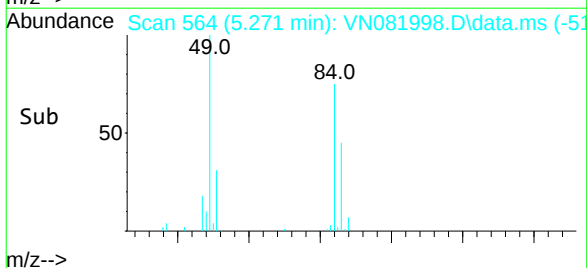
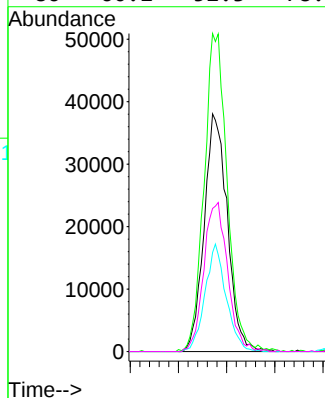
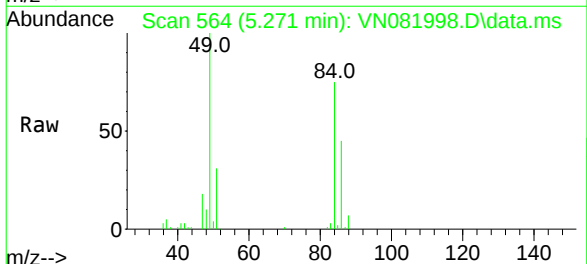
Ion Ratio Lower Upper

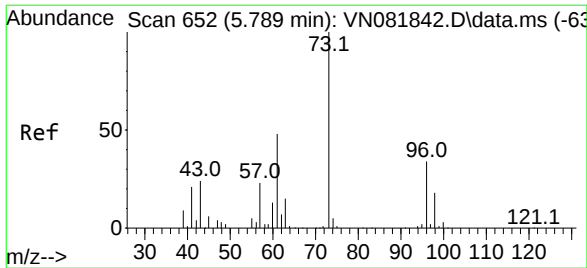
84 100

49 133.2 84.9 127.3#

51 41.7 27.0 40.6#

86 60.2 52.3 78.5





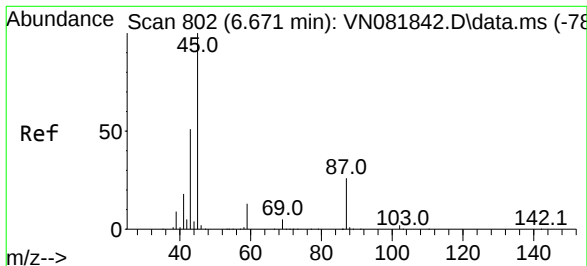
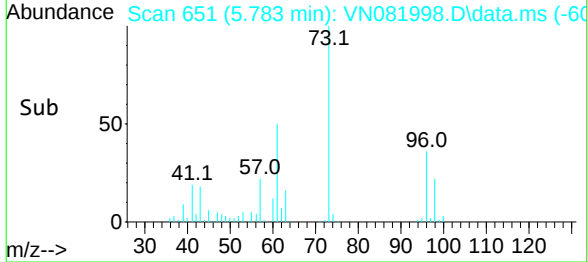
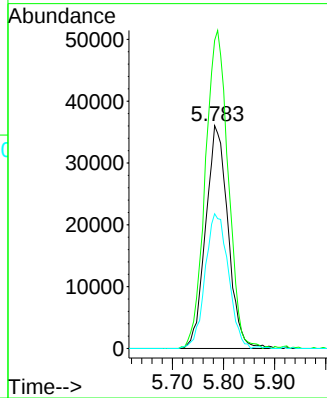
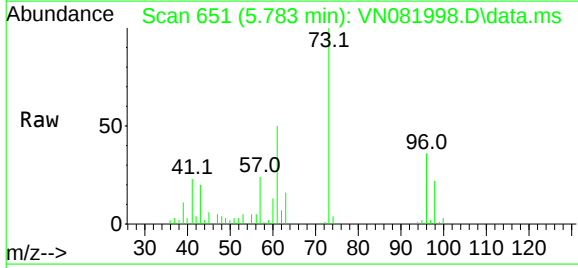
#21
trans-1,2-Dichloroethene
Concen: 45.968 ug/l
RT: 5.783 min Scan# 651
Delta R.T. -0.006 min
Lab File: VN081998.D
Acq: 03 May 2024 17:48

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 96 Resp: 109319
Ion Ratio Lower Upper
96 100
61 138.3 96.5 144.7
98 60.5 51.3 76.9

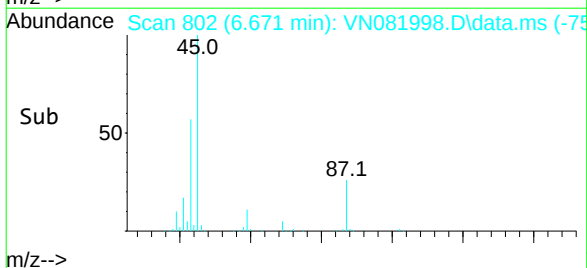
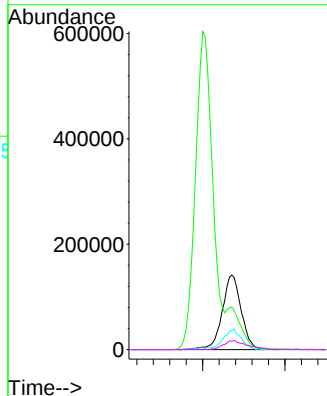
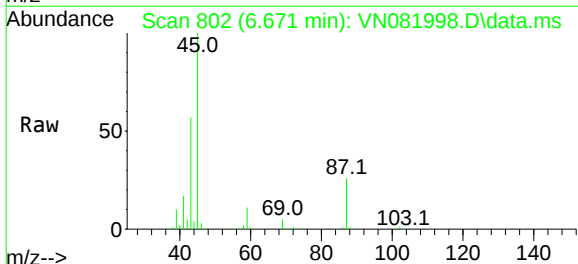
Manual Integrations
APPROVED

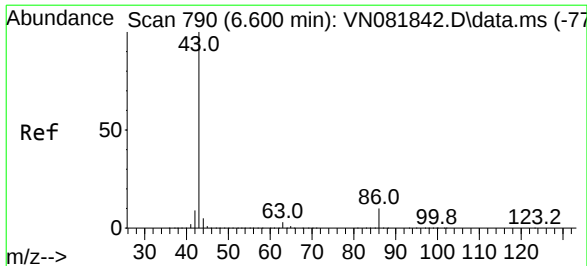
Reviewed By :John Carlone 05/06/2024
Supervised By :Semsettin Yesilyurt 05/06/2024



#22
Diisopropyl ether
Concen: 50.753 ug/l
RT: 6.671 min Scan# 802
Delta R.T. -0.000 min
Lab File: VN081998.D
Acq: 03 May 2024 17:48

Tgt Ion: 45 Resp: 453110
Ion Ratio Lower Upper
45 100
43 55.9 44.1 66.1
87 25.7 27.0 40.6#
59 11.4 9.6 14.4





#23

Vinyl Acetate

Concen: 240.584 ug/l

RT: 6.600 min Scan# 790

Delta R.T. -0.000 min

Lab File: VN081998.D

Acq: 03 May 2024 17:48

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 1745170

Ion Ratio Lower Upper

43 100

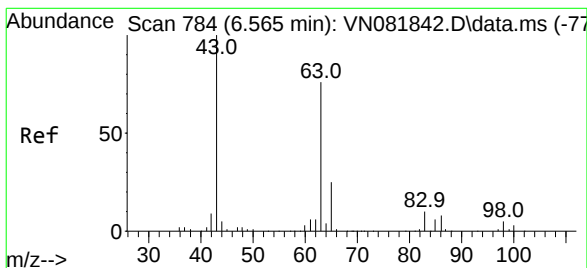
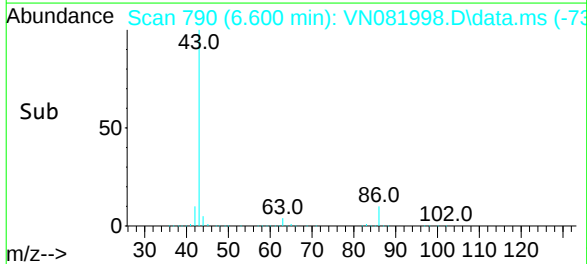
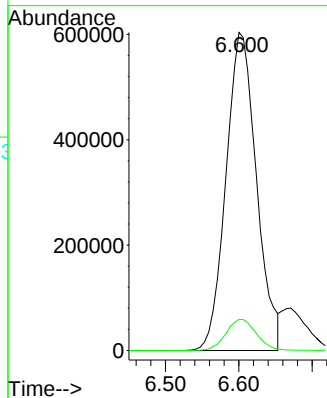
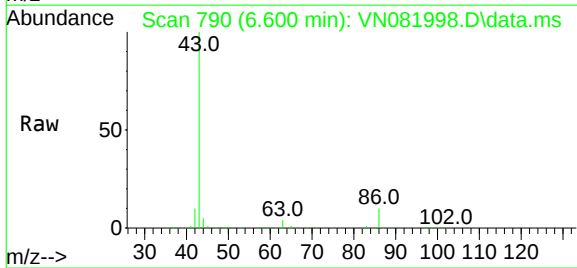
86 9.8 10.2 15.4#

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/06/2024

Supervised By :Semsettin Yesilyurt 05/06/2024



#24

1,1-Dichloroethane

Concen: 51.915 ug/l

RT: 6.571 min Scan# 785

Delta R.T. 0.006 min

Lab File: VN081998.D

Acq: 03 May 2024 17:48

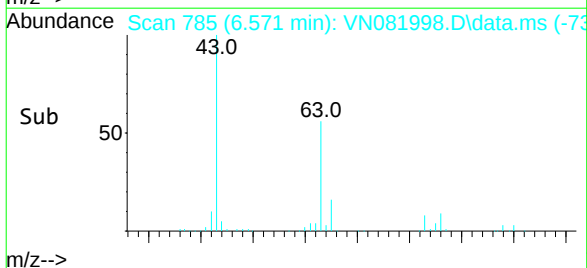
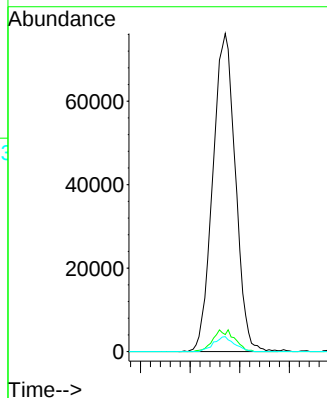
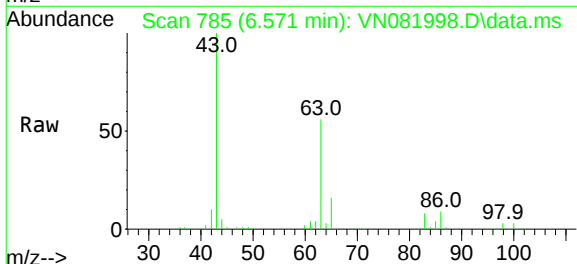
Tgt Ion: 63 Resp: 241238

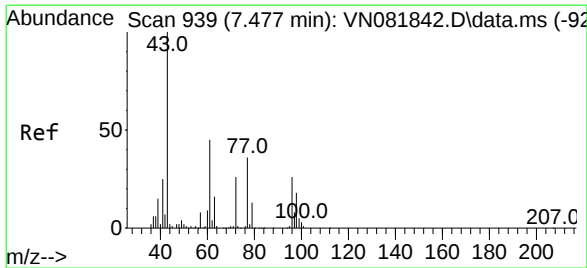
Ion Ratio Lower Upper

63 100

98 5.4 3.6 10.9

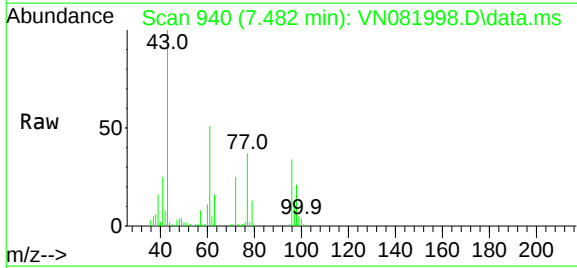
100 4.7 2.6 7.8





#25
2-Butanone
Concen: 240.621 ug/l
RT: 7.482 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN081998.D
Acq: 03 May 2024 17:48

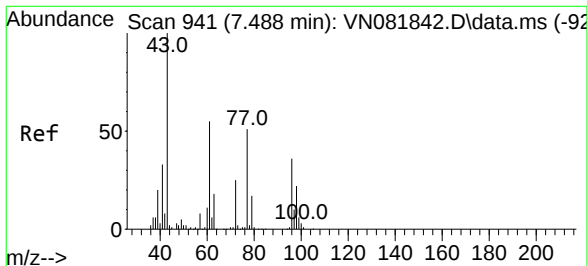
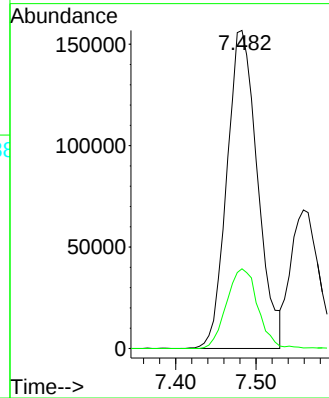
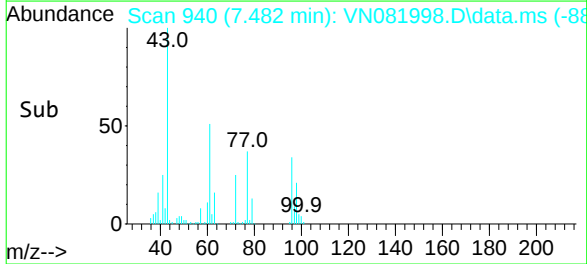
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



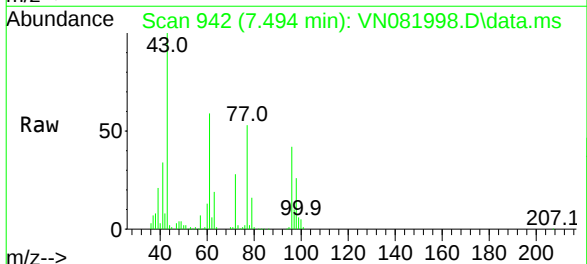
Tgt Ion: 43 Resp: 415084
Ion Ratio Lower Upper
43 100
72 25.1 25.3 37.9#

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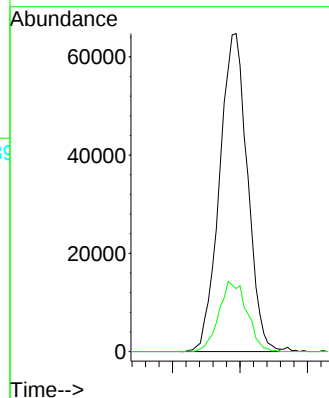
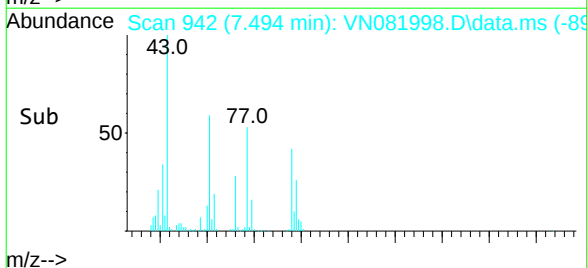
Reviewed By :John Carlone 05/06/2024
Supervised By :Semsettin Yesilyurt 05/06/2024

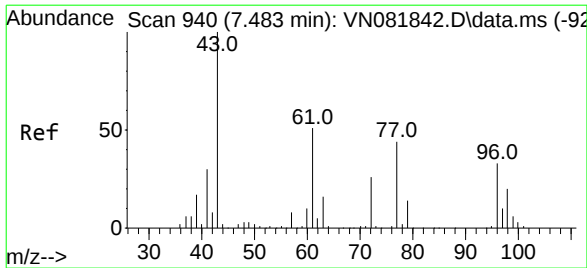


#26
2,2-Dichloropropane
Concen: 43.544 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.006 min
Lab File: VN081998.D
Acq: 03 May 2024 17:48



Tgt Ion: 77 Resp: 186131
Ion Ratio Lower Upper
77 100
97 22.1 11.3 33.9





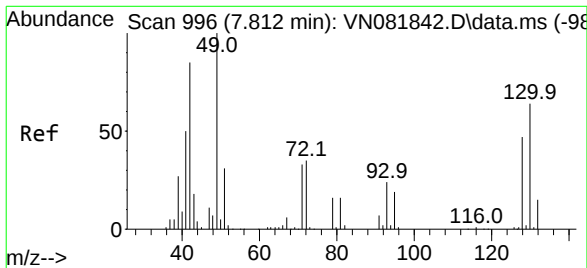
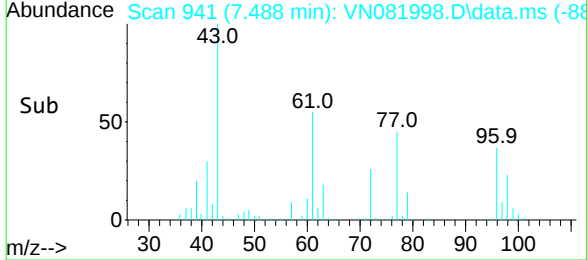
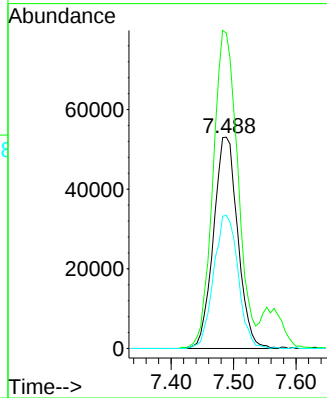
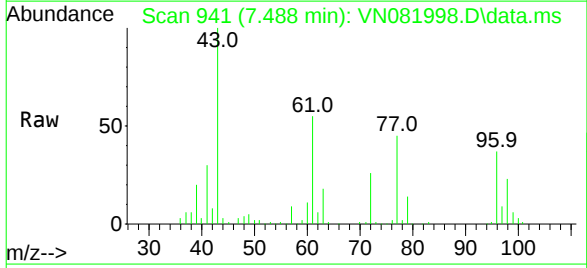
#27
cis-1,2-Dichloroethene
Concen: 51.503 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN081998.D
Acq: 03 May 2024 17:48

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 96 Resp: 143124
Ion Ratio Lower Upper
96 100
61 153.5 0.0 268.0
98 63.6 0.0 126.8

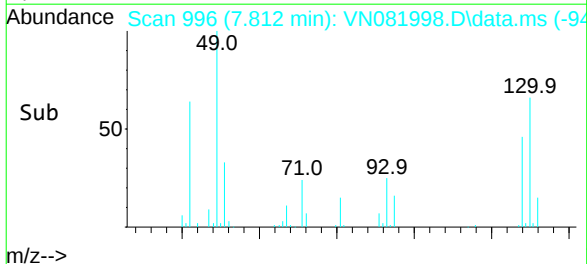
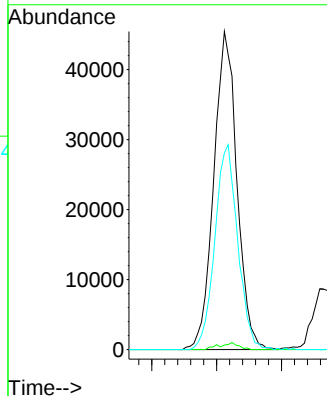
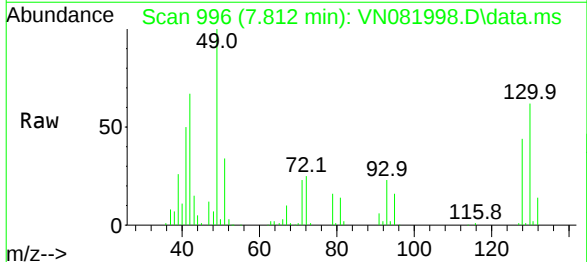
Manual Integrations
APPROVED

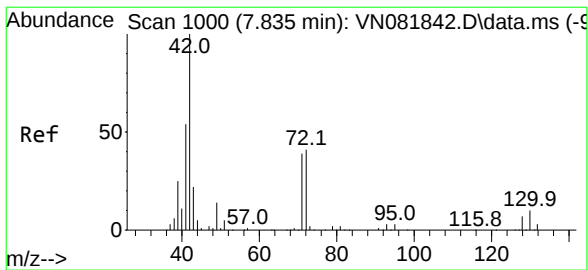
Reviewed By :John Carlone 05/06/2024
Supervised By :Semsettin Yesilyurt 05/06/2024



#28
Bromochloromethane
Concen: 51.049 ug/l
RT: 7.812 min Scan# 996
Delta R.T. -0.000 min
Lab File: VN081998.D
Acq: 03 May 2024 17:48

Tgt Ion: 49 Resp: 112742
Ion Ratio Lower Upper
49 100
129 1.8 0.0 4.6
130 63.5 66.7 100.1#





#29
Tetrahydrofuran
Concen: 234.772 ug/l
RT: 7.841 min Scan# 1001
Delta R.T. 0.006 min
Lab File: VN081998.D
Acq: 03 May 2024 17:48

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

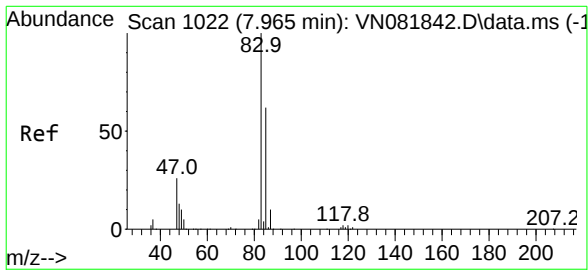
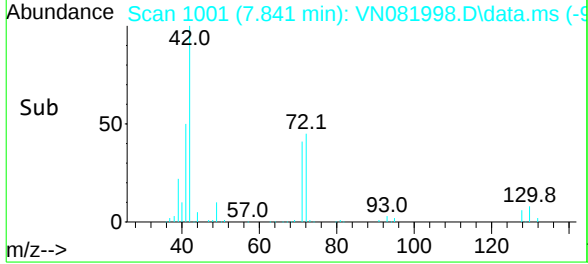
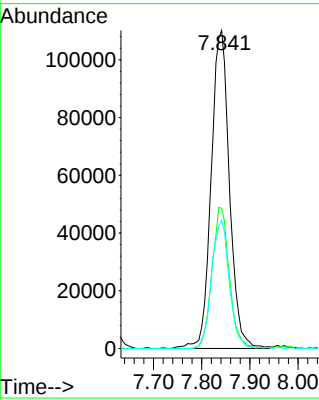
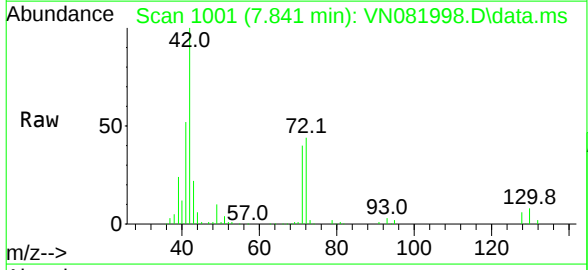
Tgt Ion:	42	Resp:	290426
Ion	Ratio	Lower	Upper
42	100		
72	42.0	39.3	58.9
71	39.2	37.4	56.0

Manual Integrations

APPROVED

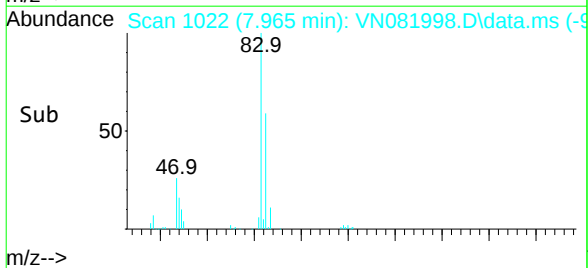
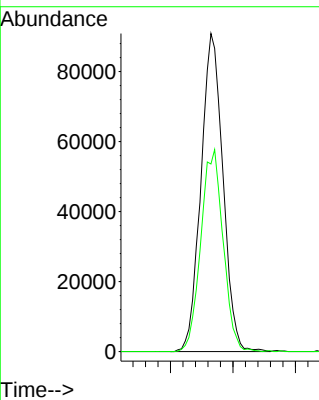
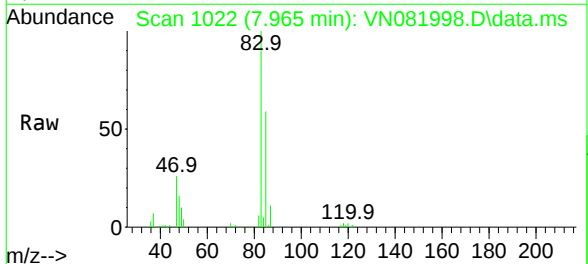
Reviewed By :John Carlone 05/06/2024

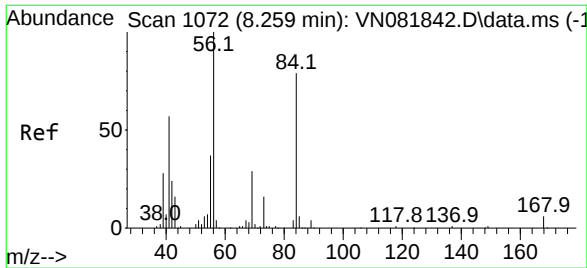
Supervised By :Semsettin Yesilyurt 05/06/2024



#30
Chloroform
Concen: 48.306 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. -0.000 min
Lab File: VN081998.D
Acq: 03 May 2024 17:48

Tgt Ion:	83	Resp:	222497
Ion	Ratio	Lower	Upper
83	100		
85	59.0	50.7	76.1





#31

Cyclohexane

Concen: 43.670 ug/l

RT: 8.259 min Scan# 1072

Delta R.T. -0.000 min

Lab File: VN081998.D

Acq: 03 May 2024 17:48

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 56 Resp: 199948

Ion Ratio Lower Upper

56 100

69 30.6 24.4 36.6

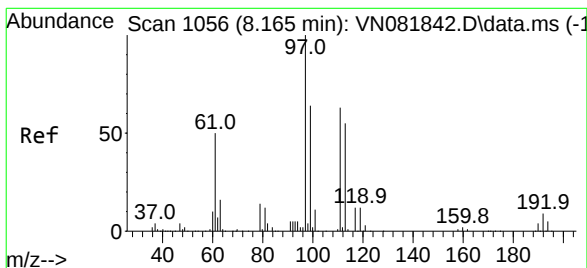
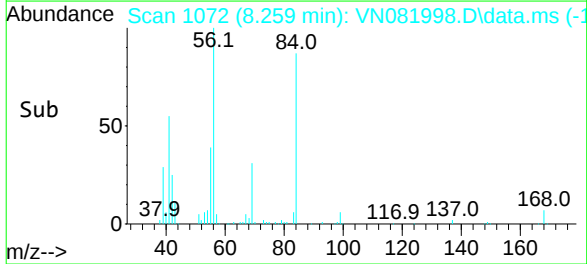
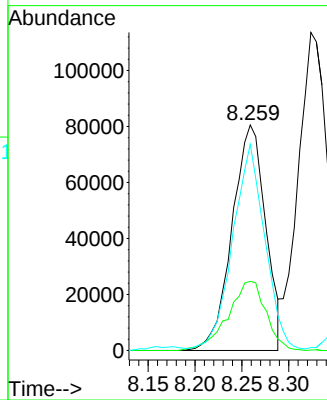
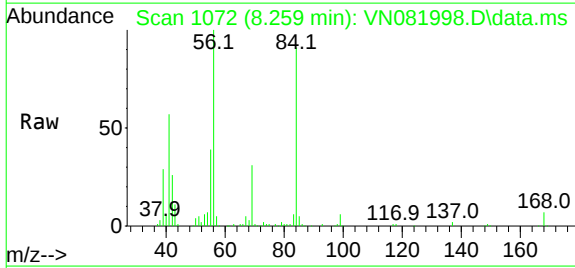
84 90.1 77.0 115.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/06/2024

Supervised By :Semsettin Yesilyurt 05/06/2024



#32

1,1,1-Trichloroethane

Concen: 44.532 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN081998.D

Acq: 03 May 2024 17:48

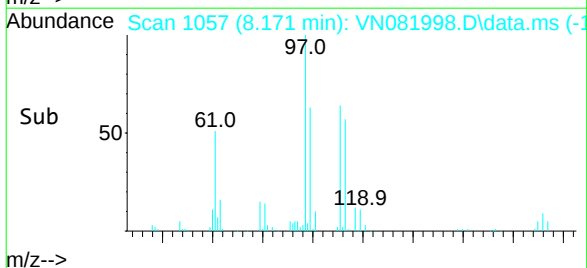
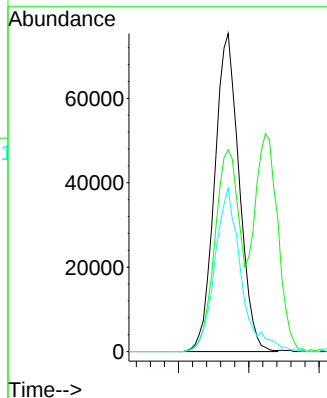
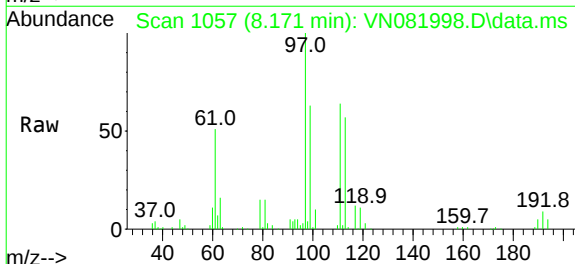
Tgt Ion: 97 Resp: 182918

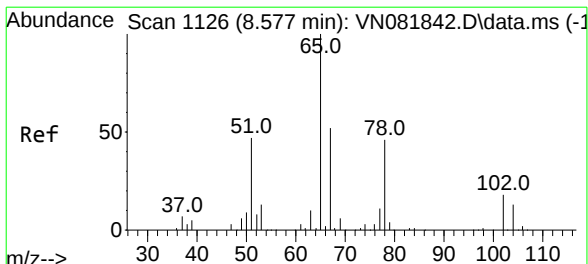
Ion Ratio Lower Upper

97 100

99 64.0 50.3 75.5

61 55.0 36.6 55.0#



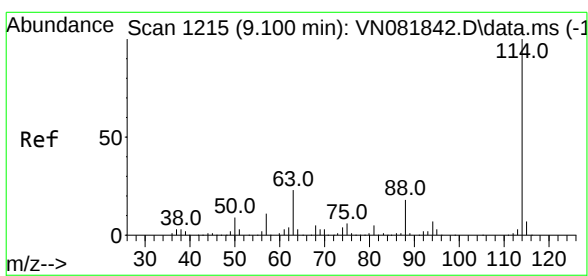
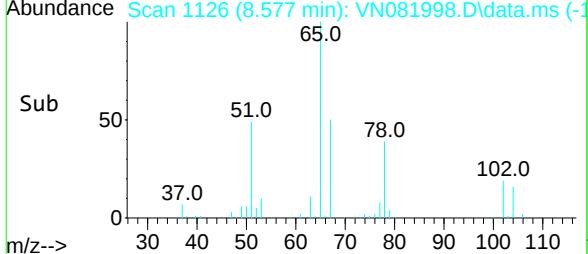
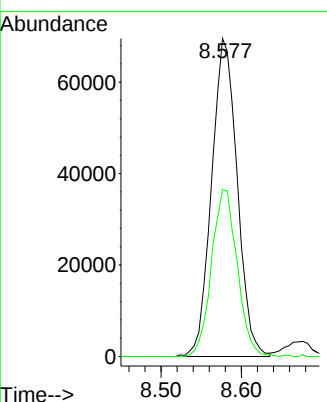
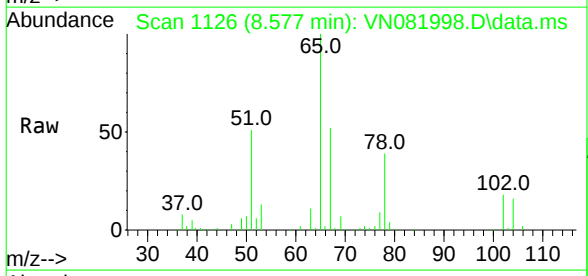


#33
 1,2-Dichloroethane-d4
 Concen: 50.753 ug/l
 RT: 8.577 min Scan# 1116
 Delta R.T. -0.000 min
 Lab File: VN081998.D
 Acq: 03 May 2024 17:48

Instrument : MSVOA_N
 ClientSampleId : VSTDCCC050EC

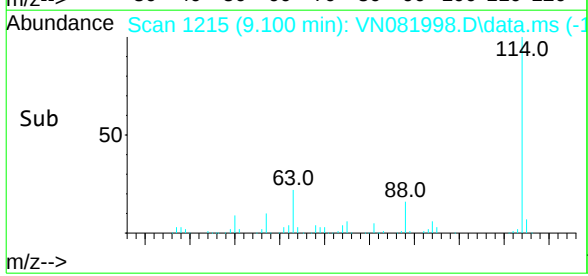
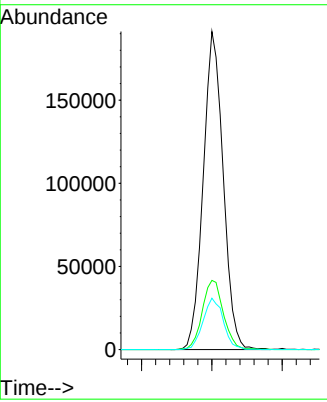
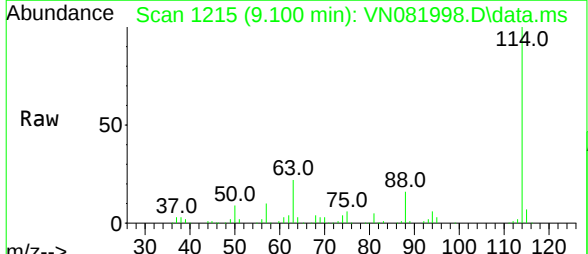
Tgt Ion:	65	Resp:	154255
Ion Ratio	Lower	Upper	
65	100		
67	52.4	0.0	103.0

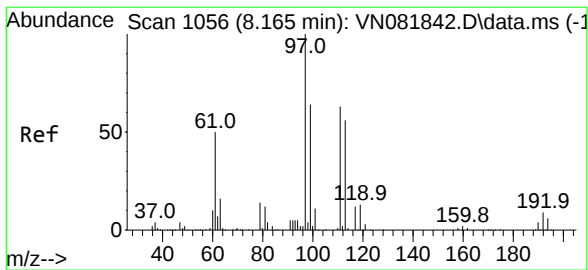
Manual Integrations
APPROVED
 Reviewed By :John Carlone 05/06/2024
 Supervised By :Semsettin Yesilyurt 05/06/2024



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.100 min Scan# 1215
 Delta R.T. -0.000 min
 Lab File: VN081998.D
 Acq: 03 May 2024 17:48

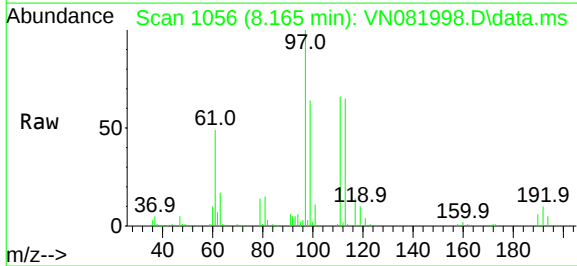
Tgt Ion:	114	Resp:	377512
Ion Ratio	Lower	Upper	
114	100		
63	21.7	0.0	41.0
88	16.2	0.0	31.4





#35
Dibromofluoromethane
Concen: 48.742 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN081998.D
Acq: 03 May 2024 17:48

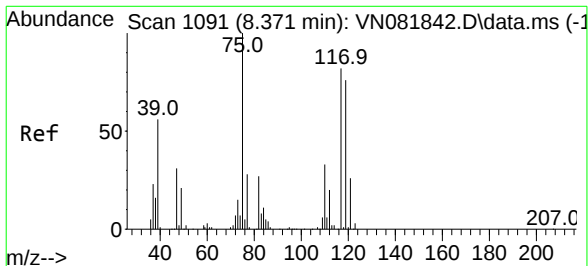
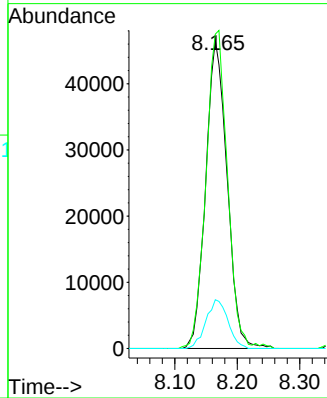
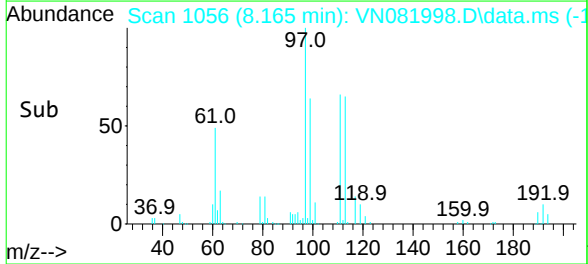
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



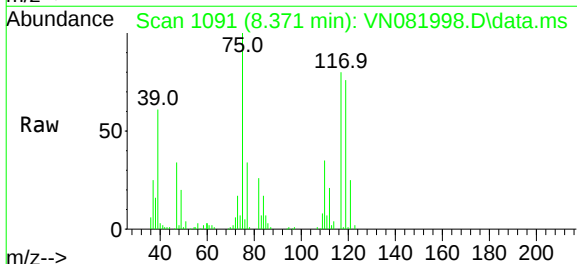
Tgt Ion:113 Resp: 110787
Ion Ratio Lower Upper
113 100
111 103.0 83.4 125.2
192 16.3 14.0 21.0

Manual Integrations
APPROVED

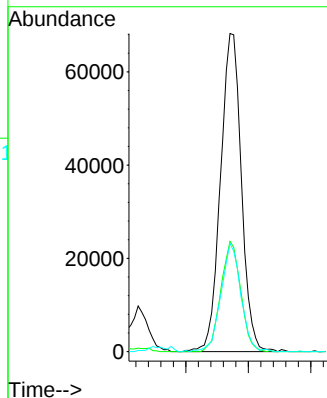
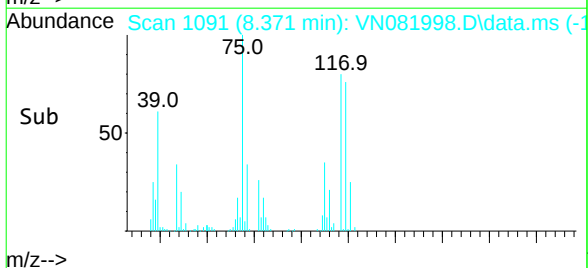
Reviewed By :John Carlone 05/06/2024
Supervised By :Semsettin Yesilyurt 05/06/2024

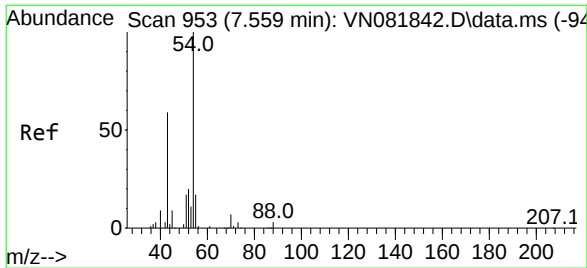


#36
1,1-Dichloropropene
Concen: 42.810 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.000 min
Lab File: VN081998.D
Acq: 03 May 2024 17:48



Tgt Ion: 75 Resp: 158303
Ion Ratio Lower Upper
75 100
110 32.9 17.8 53.5
77 32.5 25.0 37.4





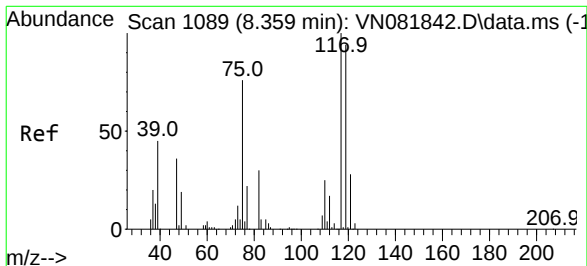
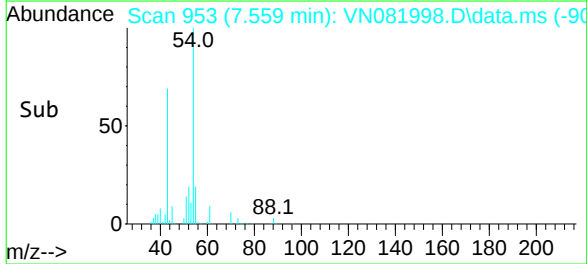
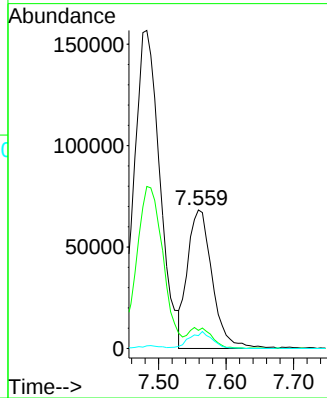
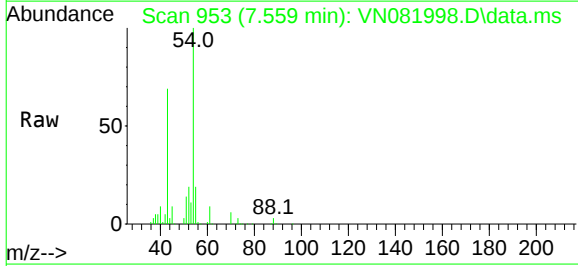
#37
Ethyl Acetate
Concen: 43.516 ug/l
RT: 7.559 min Scan# 953
Delta R.T. -0.000 min
Lab File: VN081998.D
Acq: 03 May 2024 17:48

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 173981
Ion Ratio Lower Upper
43 100
61 14.4 11.3 16.9
70 11.2 8.7 13.1

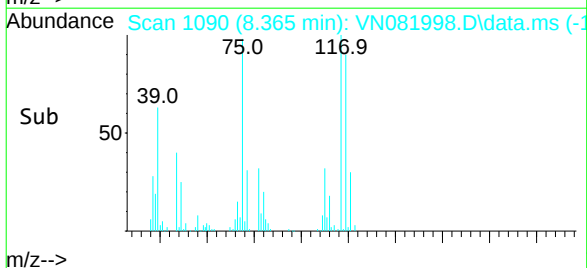
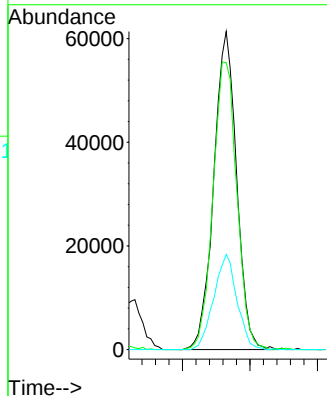
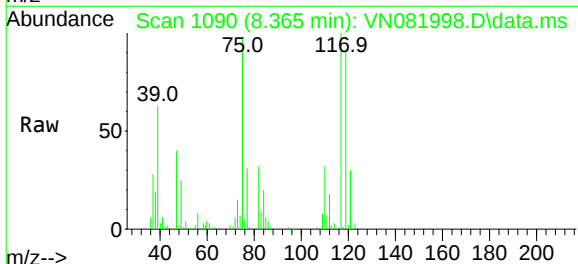
Manual Integrations
APPROVED

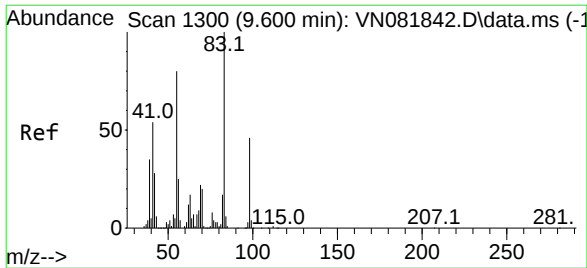
Reviewed By :John Carlone 05/06/2024
Supervised By :Semsettin Yesilyurt 05/06/2024



#38
Carbon Tetrachloride
Concen: 39.896 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VN081998.D
Acq: 03 May 2024 17:48

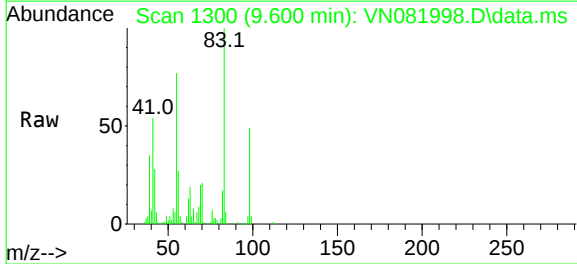
Tgt Ion:117 Resp: 144186
Ion Ratio Lower Upper
117 100
119 90.2 76.5 114.7
121 29.9 23.9 35.9





#39
Methylcyclohexane
Concen: 41.275 ug/l
RT: 9.600 min Scan# 1300
Delta R.T. -0.000 min
Lab File: VN081998.D
Acq: 03 May 2024 17:48

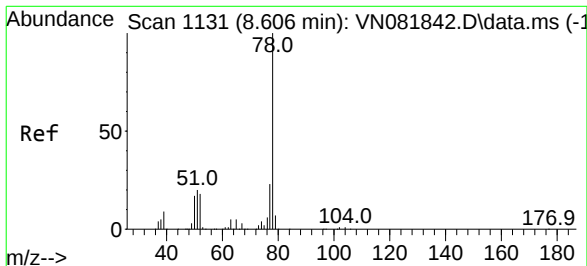
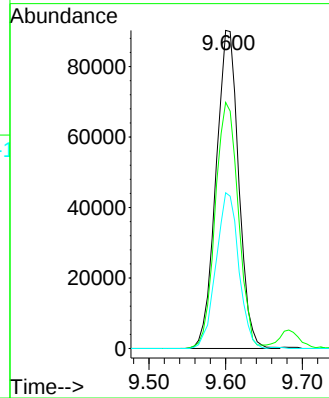
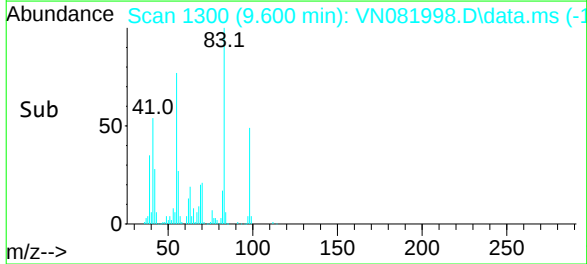
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



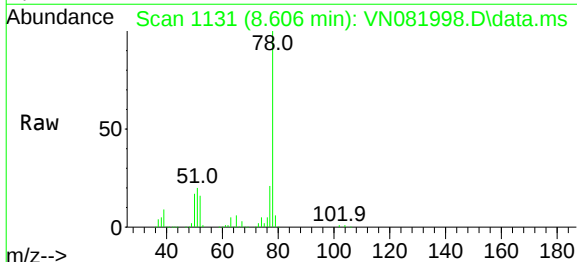
Tgt Ion: 83 Resp: 185363
Ion Ratio Lower Upper
83 100
55 77.4 53.0 79.6
98 49.0 37.1 55.7

Manual Integrations
APPROVED

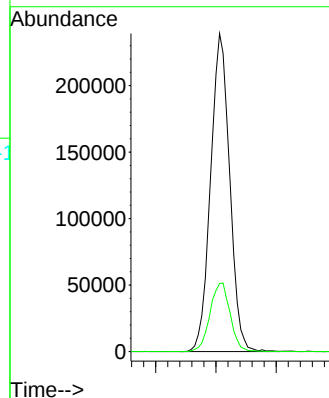
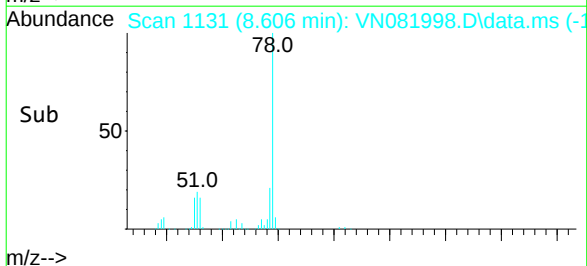
Reviewed By :John Carlone 05/06/2024
Supervised By :Semsettin Yesilyurt 05/06/2024

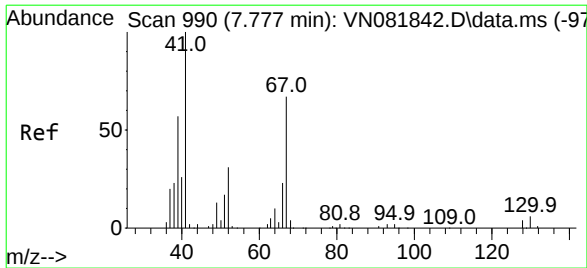


#40
Benzene
Concen: 47.429 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VN081998.D
Acq: 03 May 2024 17:48



Tgt Ion: 78 Resp: 526484
Ion Ratio Lower Upper
78 100
77 21.4 20.0 30.0





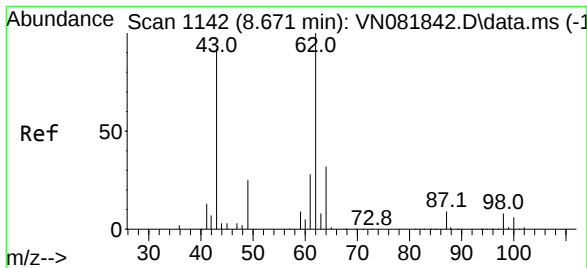
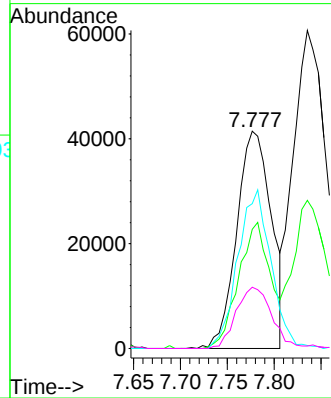
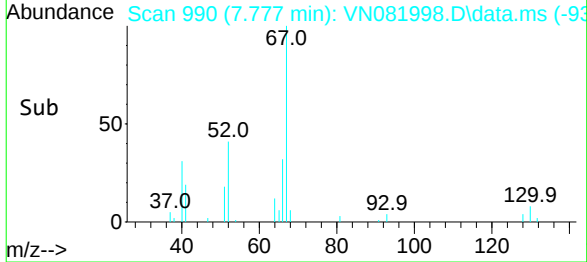
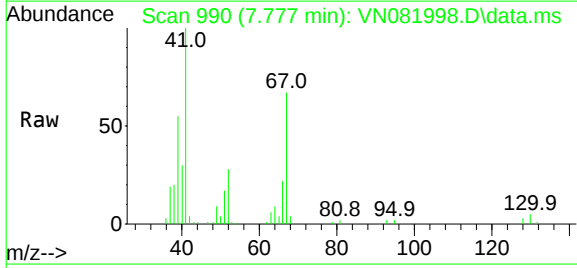
#41
Methacrylonitrile
Concen: 41.662 ug/l
RT: 7.777 min Scan# 990
Delta R.T. -0.000 min
Lab File: VN081998.D
Acq: 03 May 2024 17:48

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:	41	Resp:	106283
Ion	Ratio	Lower	Upper
41	100		
39	53.6	46.6	69.8
67	70.2	67.3	100.9
52	29.5	27.3	40.9

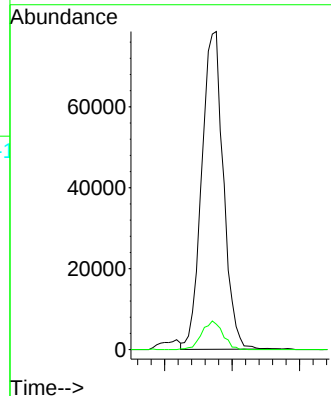
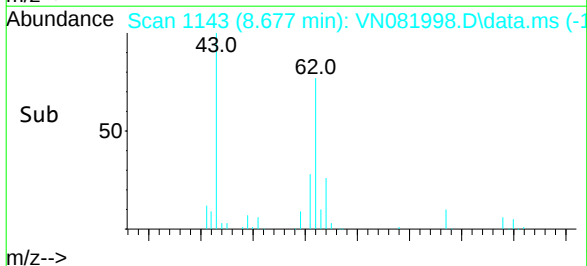
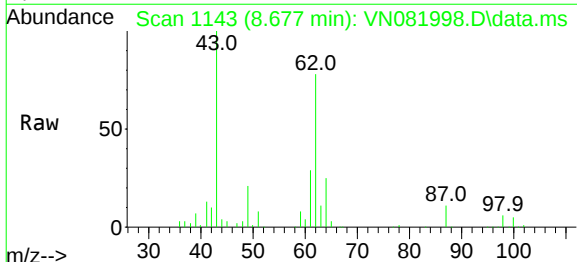
Manual Integrations
APPROVED

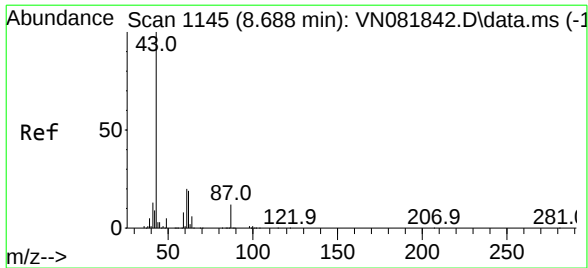
Reviewed By :John Carlone 05/06/2024
Supervised By :Semsettin Yesilyurt 05/06/2024



#42
1,2-Dichloroethane
Concen: 42.494 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. 0.006 min
Lab File: VN081998.D
Acq: 03 May 2024 17:48

Tgt Ion:	62	Resp:	175159
Ion	Ratio	Lower	Upper
62	100		
98	8.8	0.0	19.6





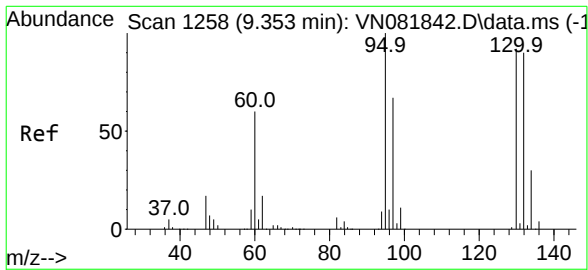
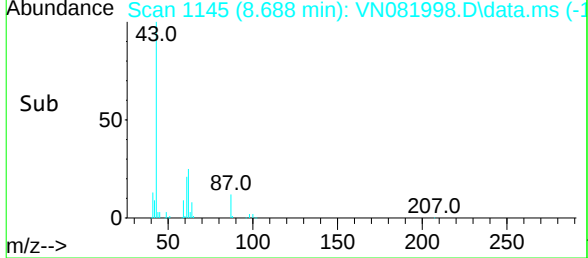
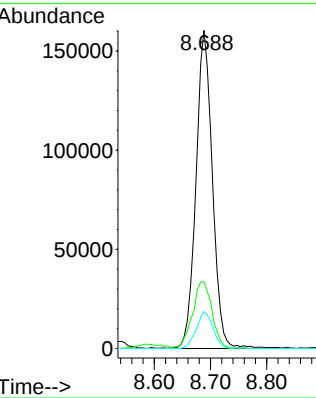
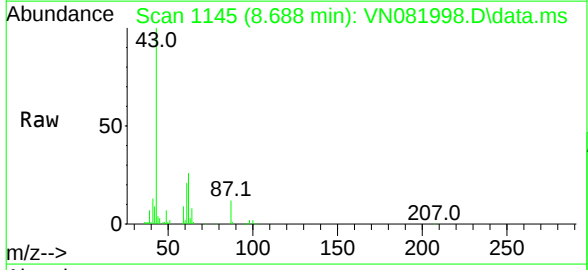
#43
Isopropyl Acetate
Concen: 43.359 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VN081998.D
Acq: 03 May 2024 17:48

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 325955
Ion Ratio Lower Upper
43 100
61 24.7 22.8 34.2
87 11.7 12.0 18.0#

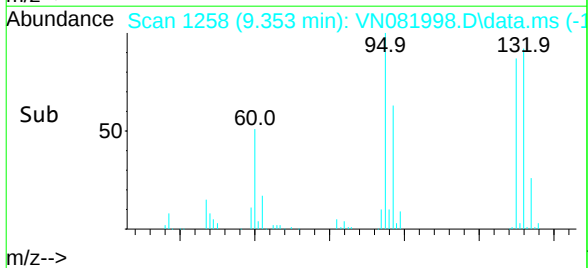
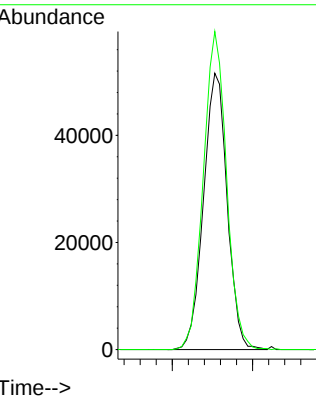
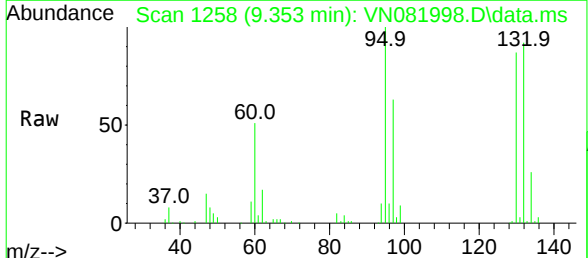
Manual Integrations
APPROVED

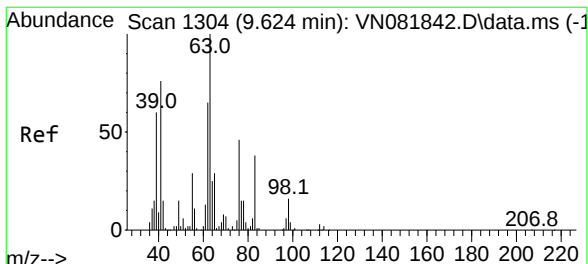
Reviewed By :John Carlone 05/06/2024
Supervised By :Semsettin Yesilyurt 05/06/2024



#44
Trichloroethene
Concen: 41.258 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. -0.000 min
Lab File: VN081998.D
Acq: 03 May 2024 17:48

Tgt Ion:130 Resp: 105592
Ion Ratio Lower Upper
130 100
95 115.1 0.0 195.4





#45
1,2-Dichloropropane
Concen: 48.046 ug/l
RT: 9.624 min Scan# 1319
Delta R.T. -0.000 min
Lab File: VN081998.D
Acq: 03 May 2024 17:48

Instrument :

MSVOA_N

ClientSampleId :

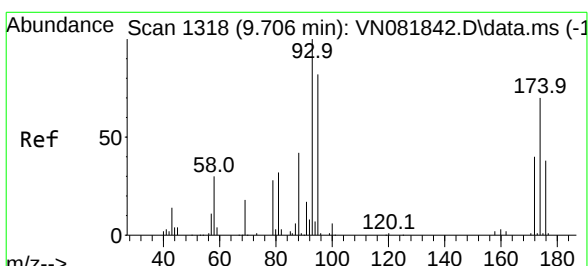
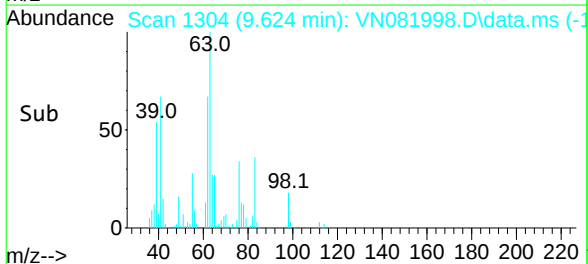
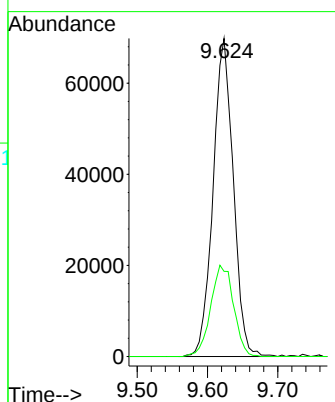
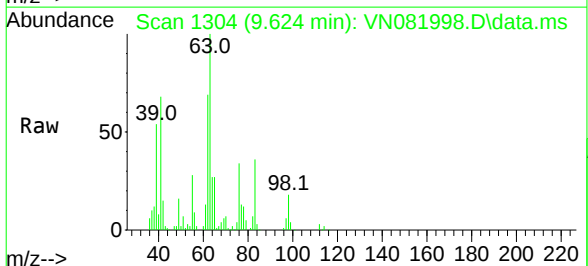
VSTDCCC050EC

Tgt Ion: 63 Resp: 139579

Ion	Ratio	Lower	Upper
63	100		
65	26.8	24.1	36.1

Manual Integrations
APPROVED

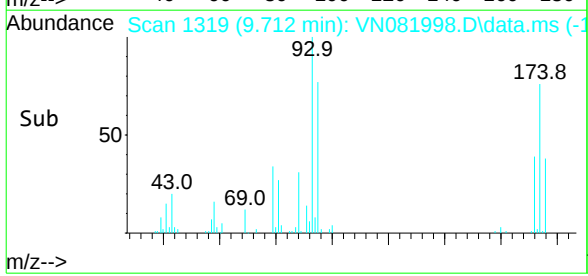
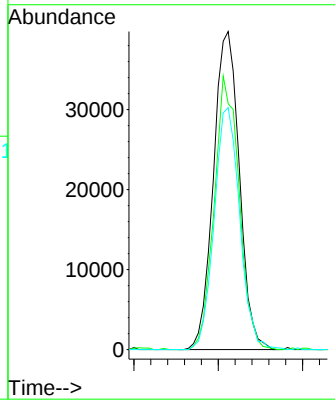
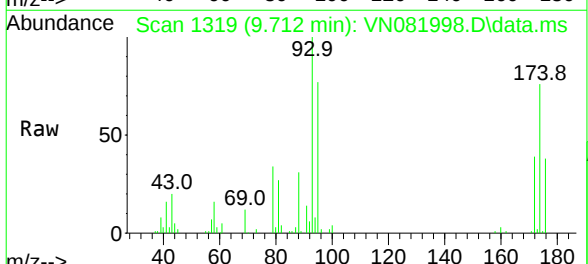
Reviewed By :John Carlone 05/06/2024
Supervised By :Semsettin Yesilyurt 05/06/2024

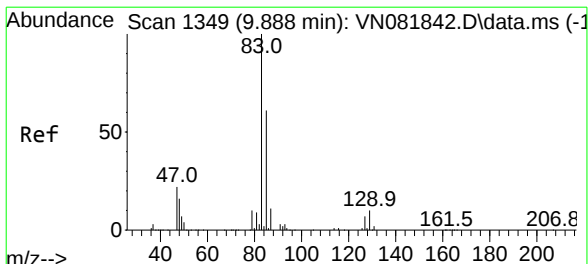


#46
Dibromomethane
Concen: 42.214 ug/l
RT: 9.712 min Scan# 1319
Delta R.T. 0.006 min
Lab File: VN081998.D
Acq: 03 May 2024 17:48

Tgt Ion: 93 Resp: 84763

Ion	Ratio	Lower	Upper
93	100		
95	82.4	64.8	97.2
174	75.1	73.4	110.0



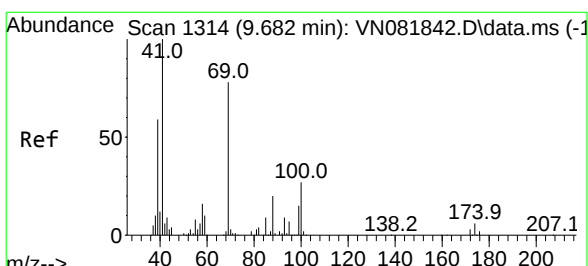
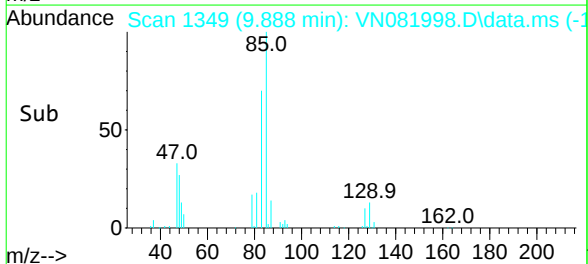
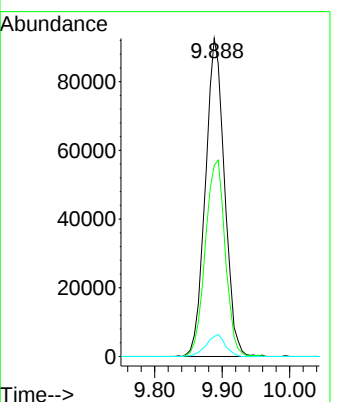
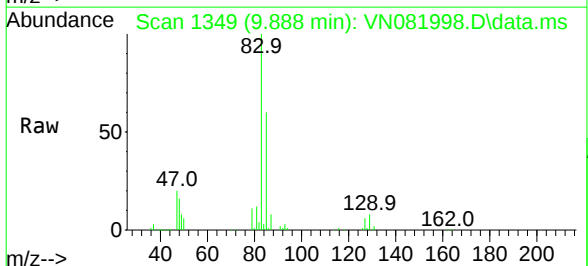


#47
 Bromodichloromethane
 Concen: 43.026 ug/l
 RT: 9.888 min Scan# 1349
 Delta R.T. -0.000 min
 Lab File: VN081998.D
 Acq: 03 May 2024 17:48

Instrument : MSVOA_N
 ClientSampleId : VSTDCCC050EC

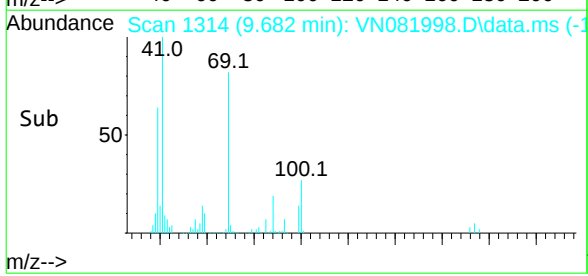
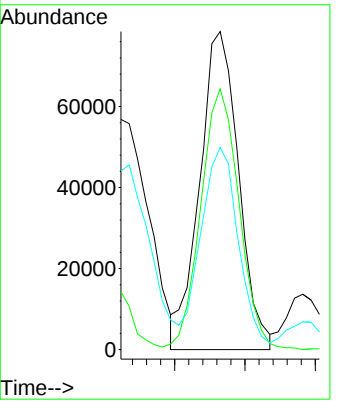
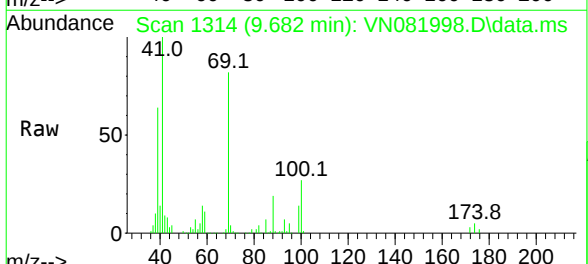
Tgt Ion:	83	Resp:	182203
Ion	Ratio	Lower	Upper
83	100		
85	60.1	51.9	77.9
127	6.3	7.5	11.3

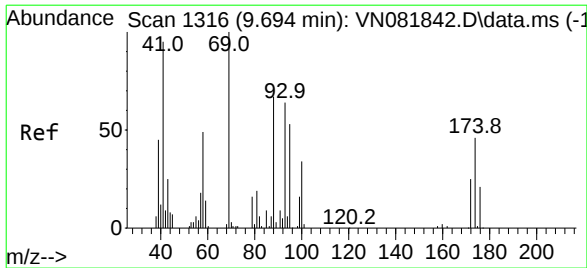
Manual Integrations
APPROVED
 Reviewed By :John Carlone 05/06/2024
 Supervised By :Semsettin Yesilyurt 05/06/2024



#48
 Methyl methacrylate
 Concen: 42.103 ug/l
 RT: 9.682 min Scan# 1314
 Delta R.T. -0.000 min
 Lab File: VN081998.D
 Acq: 03 May 2024 17:48

Tgt Ion:	41	Resp:	151098
Ion	Ratio	Lower	Upper
41	100		
69	80.6	77.9	116.9
39	61.4	50.9	76.3





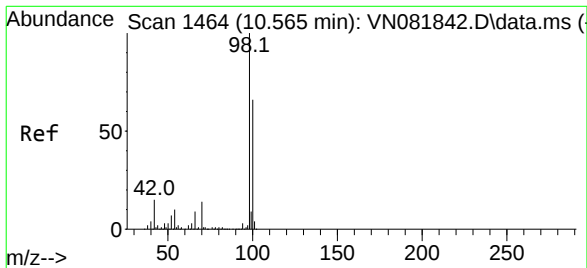
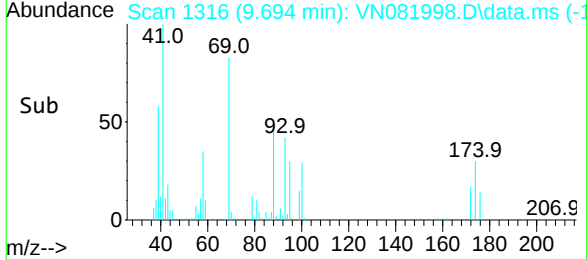
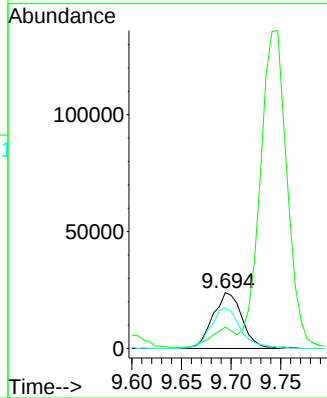
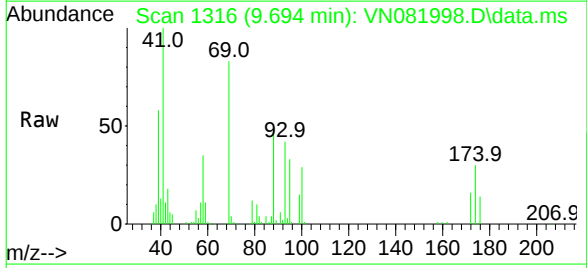
#49
1,4-Dioxane
Concen: 890.971 ug/l
RT: 9.694 min Scan# 1316
Delta R.T. -0.000 min
Lab File: VN081998.D
Acq: 03 May 2024 17:48

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 88 Resp: 48599
Ion Ratio Lower Upper
88 100
43 31.8 19.0 28.6#
58 75.3 50.6 76.0

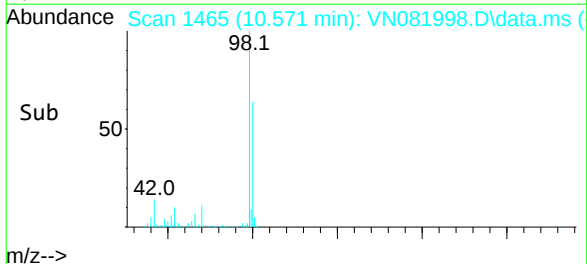
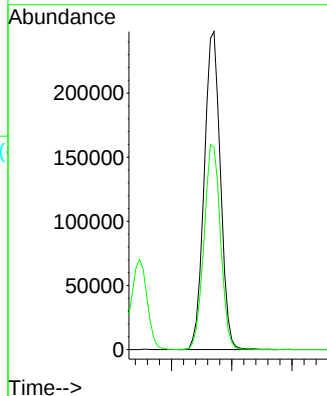
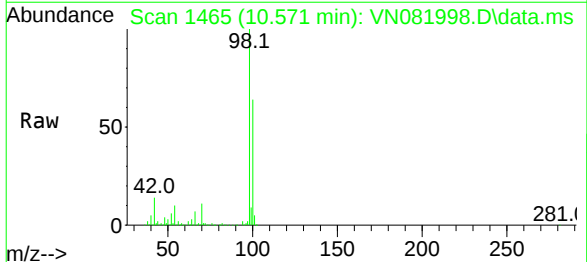
Manual Integrations
APPROVED

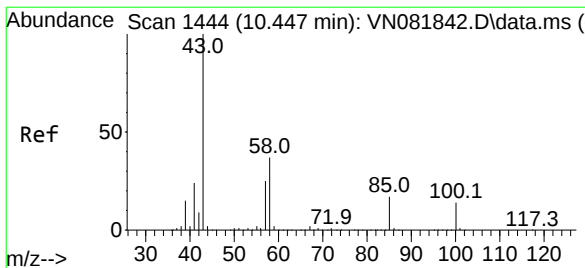
Reviewed By :John Carlone 05/06/2024
Supervised By :Semsettin Yesilyurt 05/06/2024



#50
Toluene-d8
Concen: 51.866 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN081998.D
Acq: 03 May 2024 17:48

Tgt Ion: 98 Resp: 462996
Ion Ratio Lower Upper
98 100
100 65.7 51.8 77.6





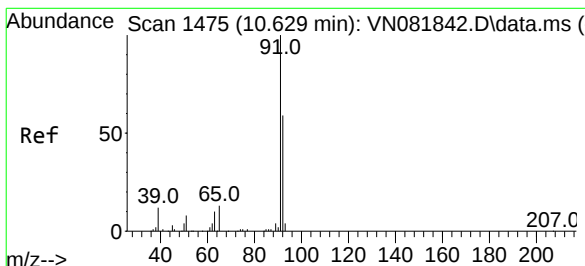
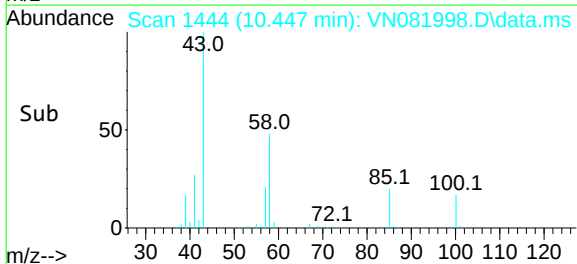
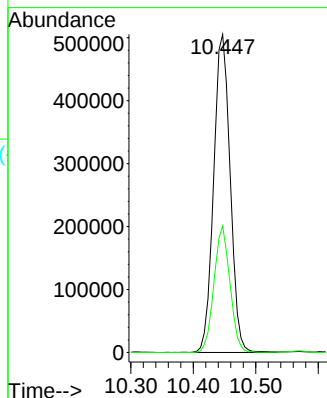
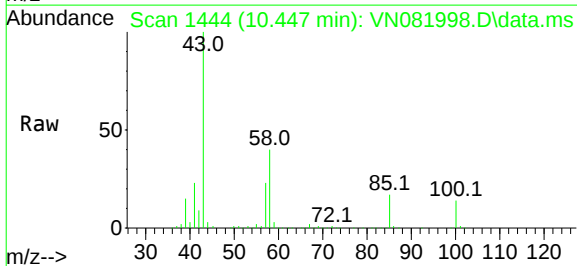
#51
4-Methyl-2-Pentanone
Concen: 219.709 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN081998.D
Acq: 03 May 2024 17:48

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 929801
Ion Ratio Lower Upper
43 100
58 38.4 33.2 49.8

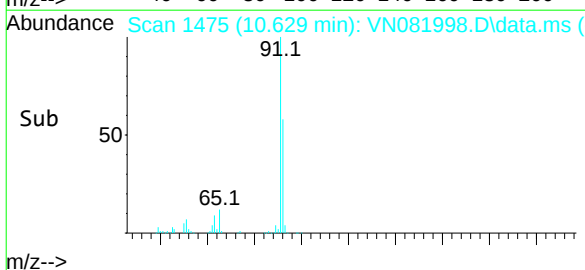
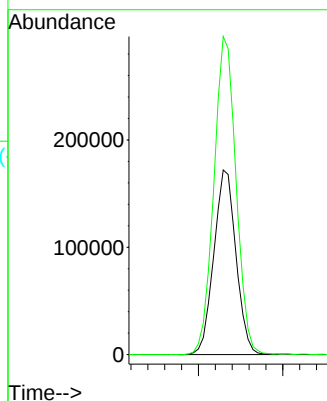
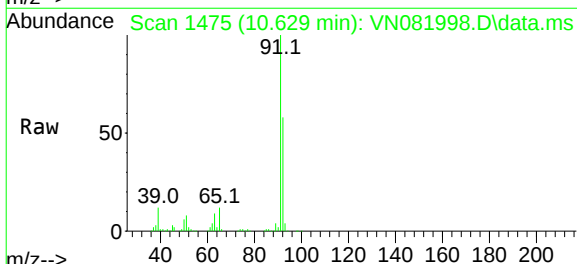
Manual Integrations
APPROVED

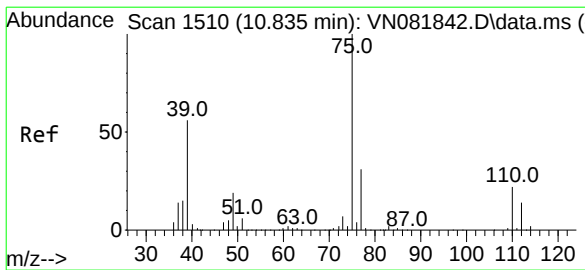
Reviewed By :John Carlone 05/06/2024
Supervised By :Semsettin Yesilyurt 05/06/2024



#52
Toluene
Concen: 47.184 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN081998.D
Acq: 03 May 2024 17:48

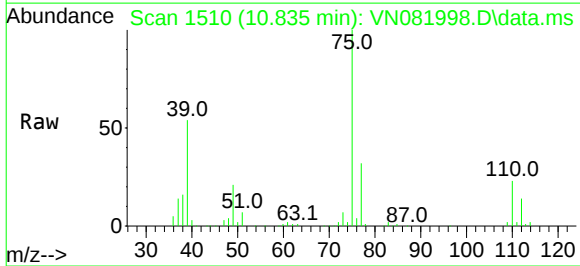
Tgt Ion: 92 Resp: 313660
Ion Ratio Lower Upper
92 100
91 172.7 136.7 205.1





#53
 t-1,3-Dichloropropene
 Concen: 43.655 ug/l
 RT: 10.835 min Scan# 1510
 Delta R.T. -0.000 min
 Lab File: VN081998.D
 Acq: 03 May 2024 17:48

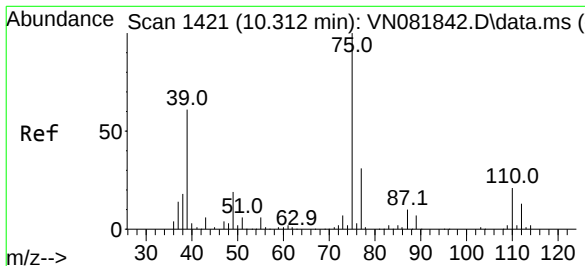
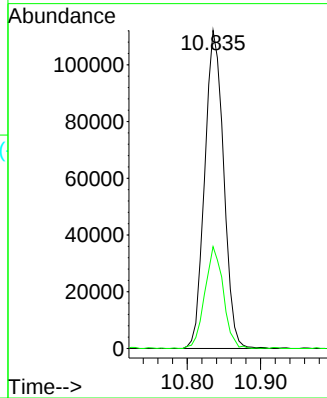
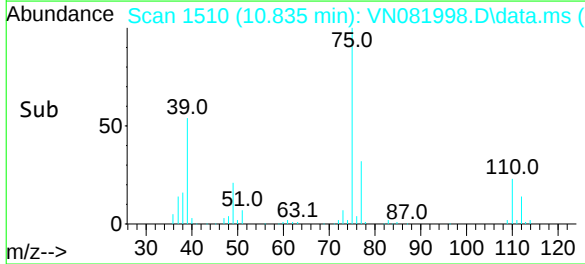
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion: 75 Resp: 201150
 Ion Ratio Lower Upper
 75 100
 77 32.0 25.4 38.0

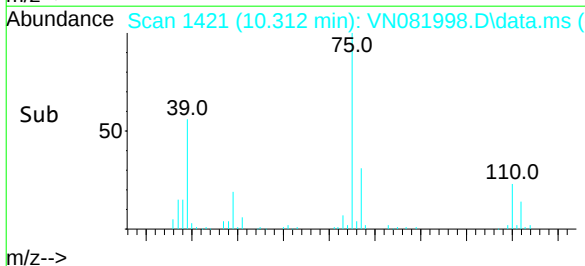
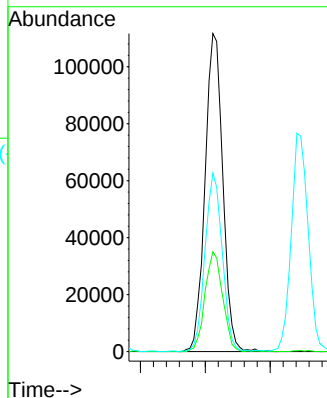
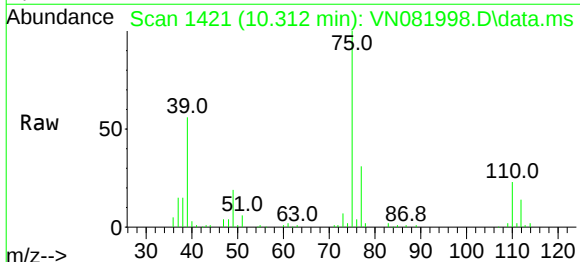
Manual Integrations
 APPROVED

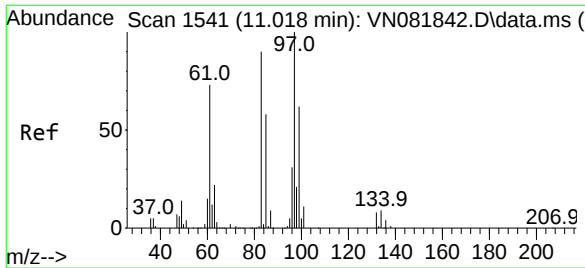
Reviewed By :John Carlone 05/06/2024
 Supervised By :Semsettin Yesilyurt 05/06/2024



#54
 cis-1,3-Dichloropropene
 Concen: 44.681 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. -0.000 min
 Lab File: VN081998.D
 Acq: 03 May 2024 17:48

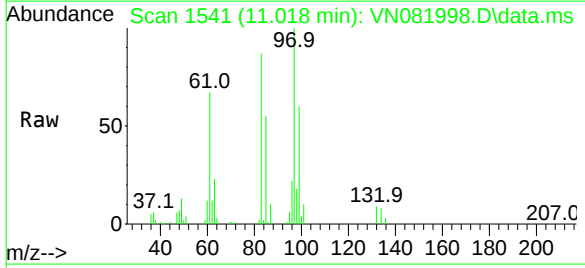
Tgt Ion: 75 Resp: 212189
 Ion Ratio Lower Upper
 75 100
 77 31.4 25.0 37.4
 39 56.1 34.8 52.2#





#55
1,1,2-Trichloroethane
Concen: 46.072 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. -0.000 min
Lab File: VN081998.D
Acq: 03 May 2024 17:48

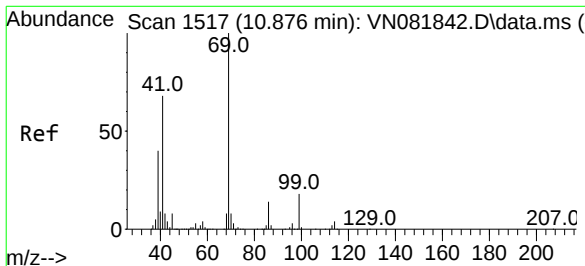
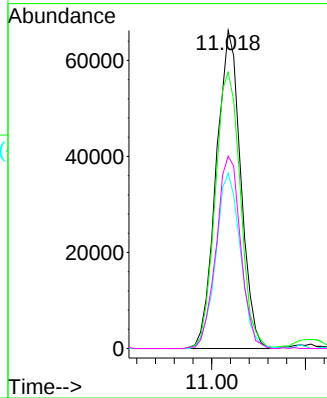
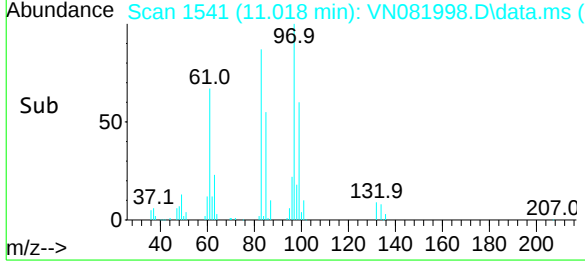
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:	97	Resp:	120450
Ion	Ratio	Lower	Upper
97	100		
83	86.9	70.4	105.6
85	55.1	45.6	68.4
99	60.5	50.9	76.3

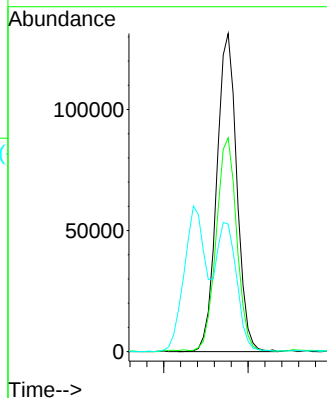
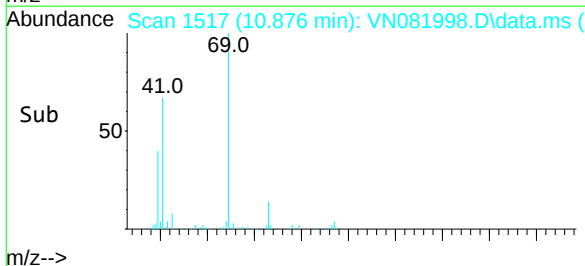
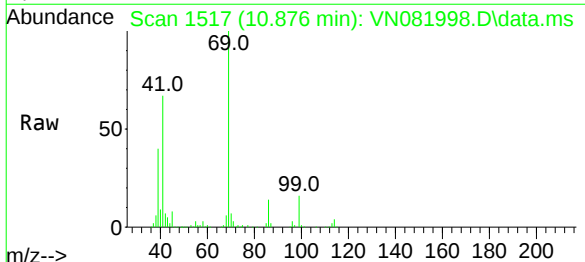
Manual Integrations
APPROVED

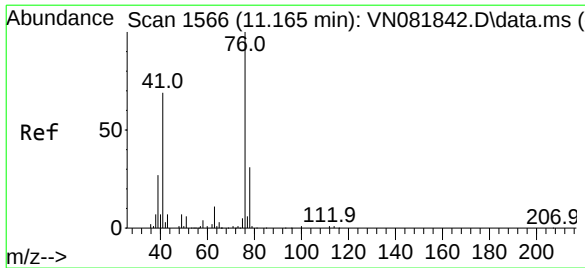
Reviewed By :John Carlone 05/06/2024
Supervised By :Semsettin Yesilyurt 05/06/2024



#56
Ethyl methacrylate
Concen: 43.666 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. -0.000 min
Lab File: VN081998.D
Acq: 03 May 2024 17:48

Tgt Ion:	69	Resp:	217384
Ion	Ratio	Lower	Upper
69	100		
41	69.6	46.6	70.0
39	42.8	26.5	39.7





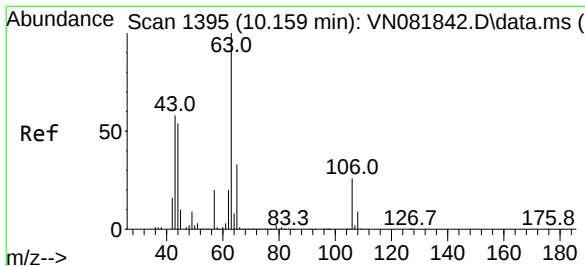
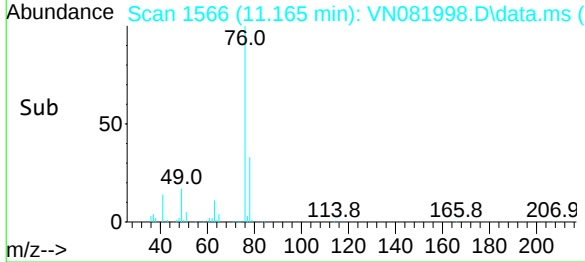
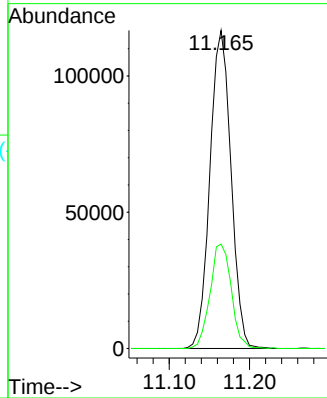
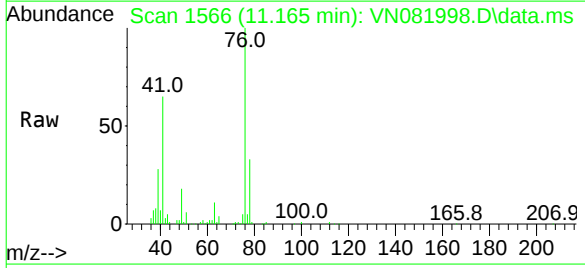
#57
1,3-Dichloropropane
Concen: 45.784 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. -0.000 min
Lab File: VN081998.D
Acq: 03 May 2024 17:48

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 212806
Ion Ratio Lower Upper
76 100
78 33.0 25.8 38.6

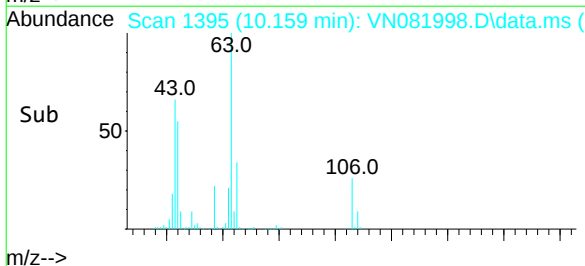
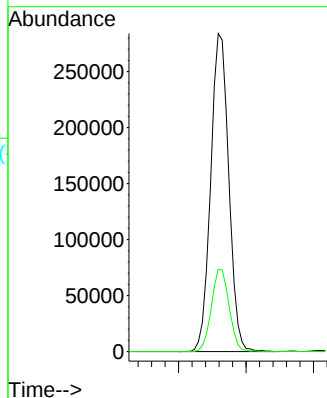
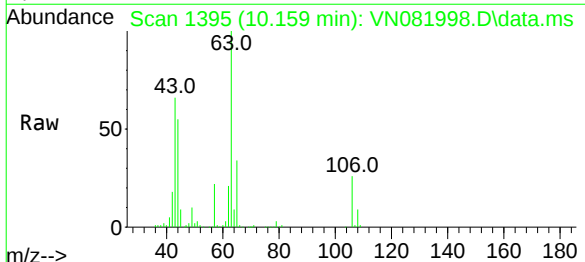
Manual Integrations
APPROVED

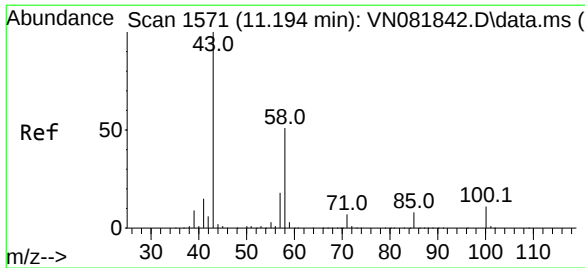
Reviewed By :John Carlone 05/06/2024
Supervised By :Semsettin Yesilyurt 05/06/2024



#58
2-Chloroethyl Vinyl ether
Concen: 233.007 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VN081998.D
Acq: 03 May 2024 17:48

Tgt Ion: 63 Resp: 528432
Ion Ratio Lower Upper
63 100
106 25.4 24.6 36.8





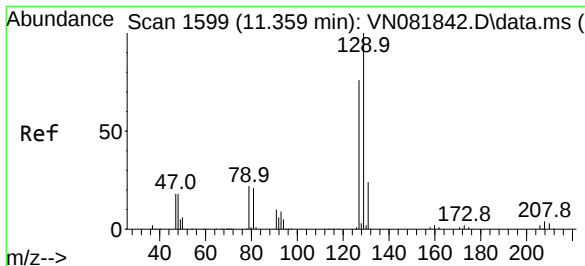
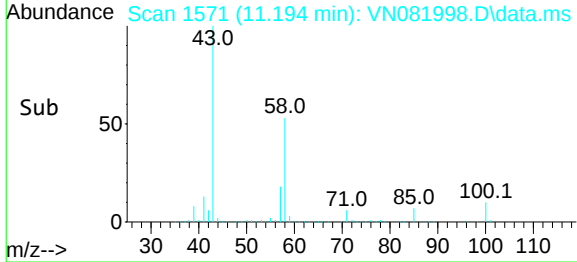
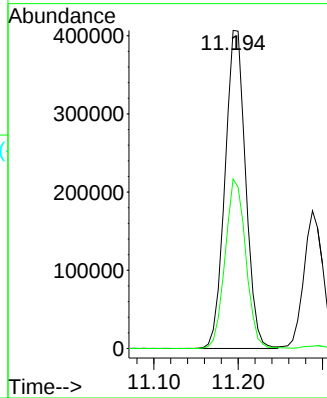
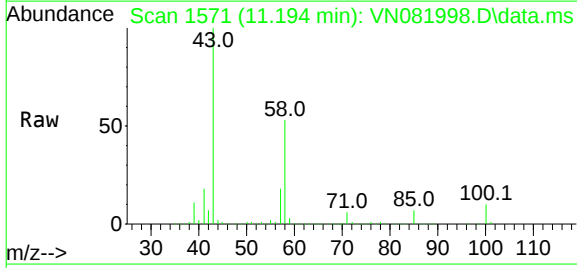
#59
2-Hexanone
Concen: 219.501 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. -0.000 min
Lab File: VN081998.D
Acq: 03 May 2024 17:48

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 691307
Ion Ratio Lower Upper
43 100
58 53.3 28.3 84.9

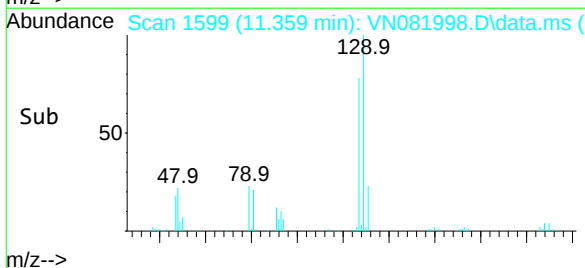
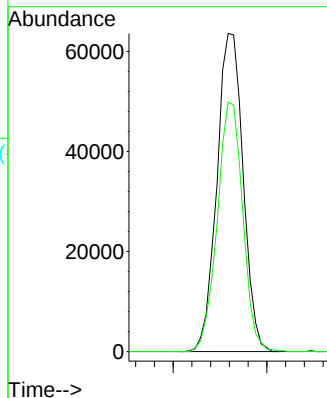
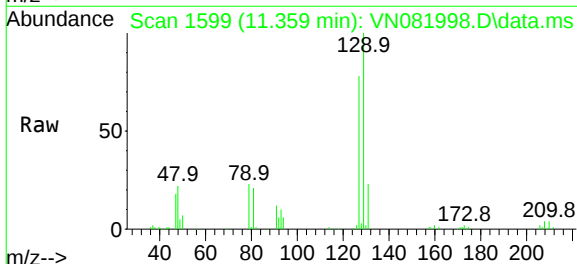
Manual Integrations
APPROVED

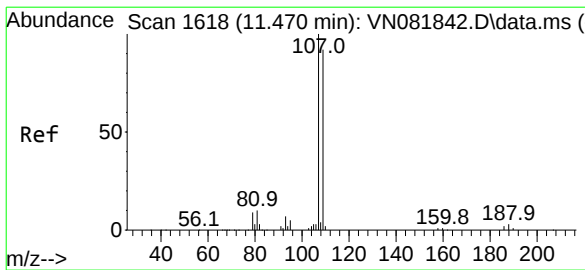
Reviewed By :John Carlone 05/06/2024
Supervised By :Semsettin Yesilyurt 05/06/2024



#60
Dibromochloromethane
Concen: 44.590 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN081998.D
Acq: 03 May 2024 17:48

Tgt Ion:129 Resp: 123473
Ion Ratio Lower Upper
129 100
127 76.4 38.3 114.8





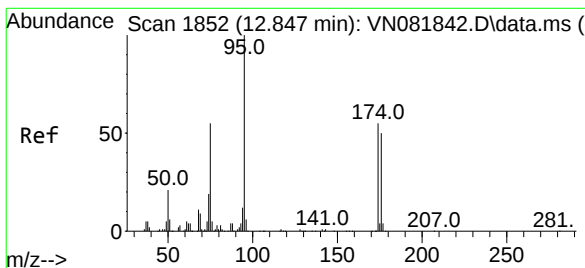
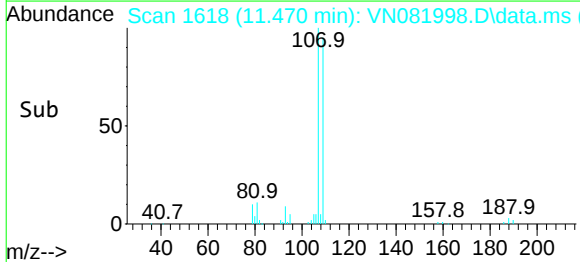
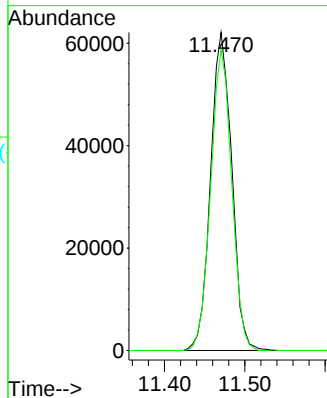
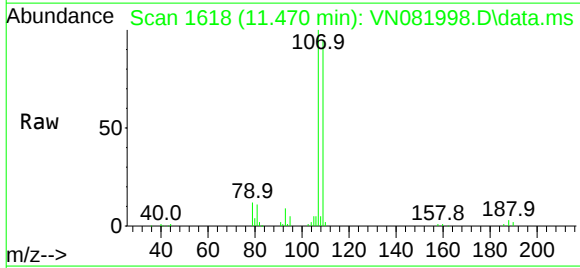
#61
1,2-Dibromoethane
Concen: 45.551 ug/l
RT: 11.470 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VN081998.D
Acq: 03 May 2024 17:48

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 107 Resp: 113886
Ion Ratio Lower Upper
107 100
109 93.8 75.8 113.6

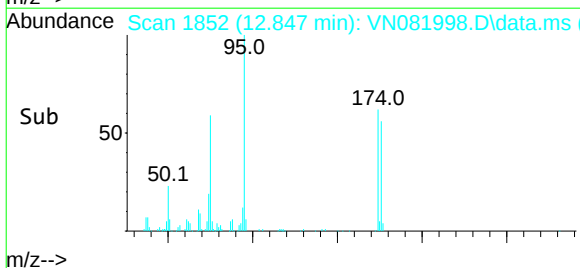
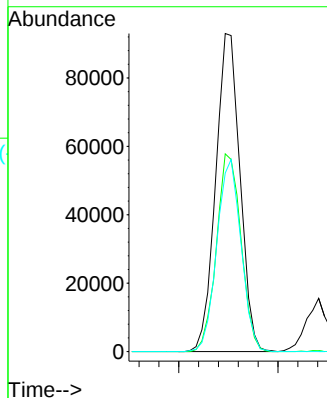
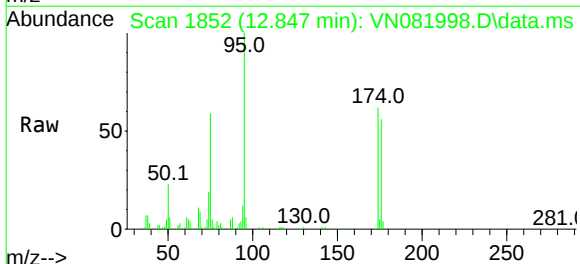
Manual Integrations
APPROVED

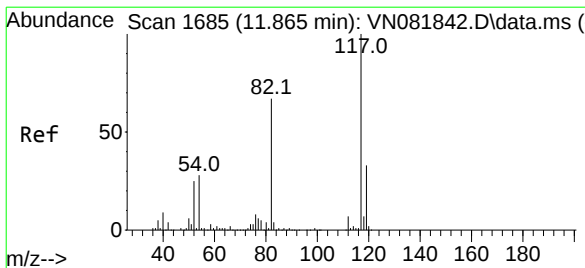
Reviewed By : John Carlone 05/06/2024
Supervised By : Semsettin Yesilyurt 05/06/2024



#62
4-Bromofluorobenzene
Concen: 44.883 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN081998.D
Acq: 03 May 2024 17:48

Tgt Ion: 95 Resp: 158386
Ion Ratio Lower Upper
95 100
174 62.6 0.0 160.6
176 60.0 0.0 152.8





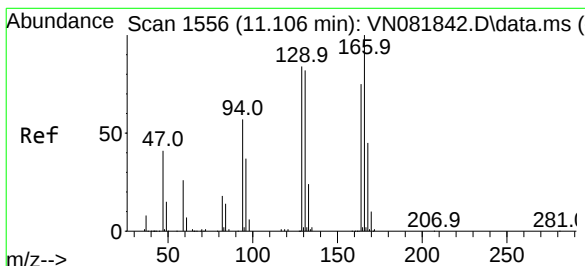
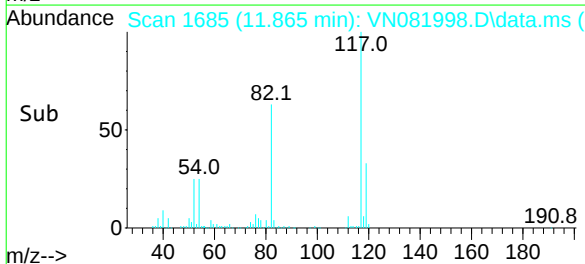
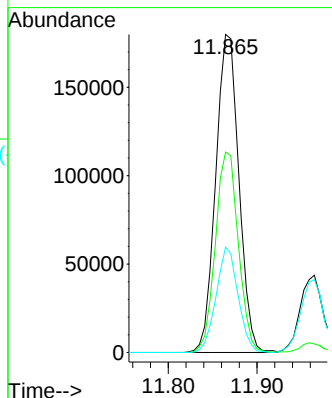
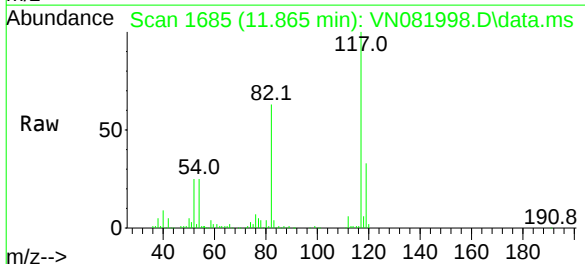
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN081998.D
Acq: 03 May 2024 17:48

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:117 Resp: 326661
Ion Ratio Lower Upper
117 100
82 63.0 44.6 66.8
119 33.1 25.9 38.9

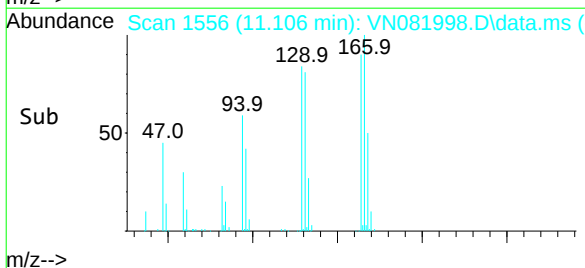
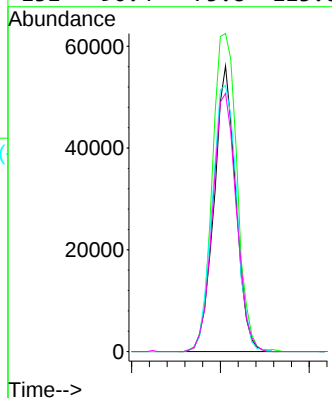
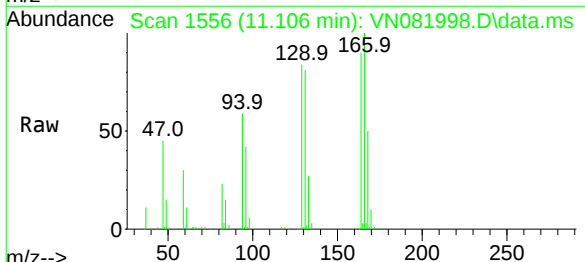
Manual Integrations
APPROVED

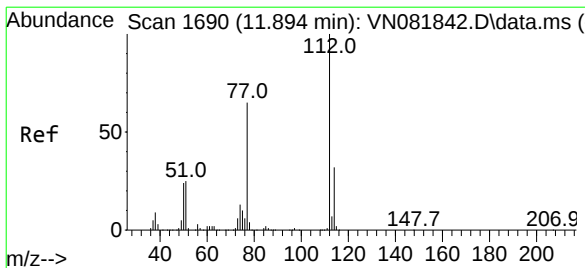
Reviewed By :John Carlone 05/06/2024
Supervised By :Semsettin Yesilyurt 05/06/2024



#64
Tetrachloroethene
Concen: 40.179 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.000 min
Lab File: VN081998.D
Acq: 03 May 2024 17:48

Tgt Ion:164 Resp: 95325
Ion Ratio Lower Upper
164 100
166 111.3 97.6 146.4
129 93.2 73.7 110.5
131 90.4 75.8 113.6





#65

Chlorobenzene

Concen: 46.251 ug/l

RT: 11.894 min Scan# 16

Delta R.T. -0.000 min

Lab File: VN081998.D

Acq: 03 May 2024 17:48

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion:112 Resp: 329938

Ion Ratio Lower Upper

112 100

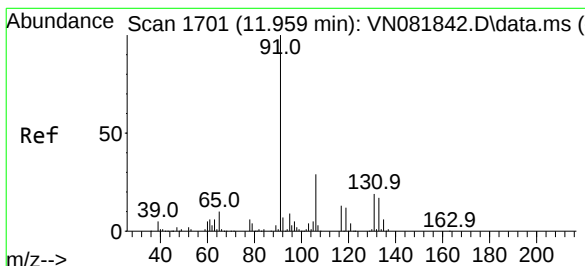
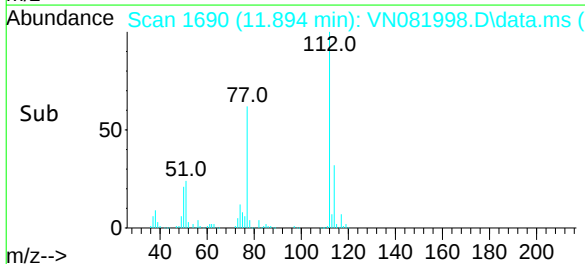
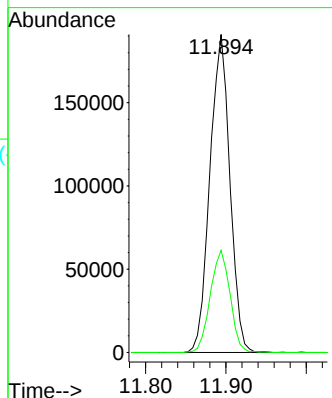
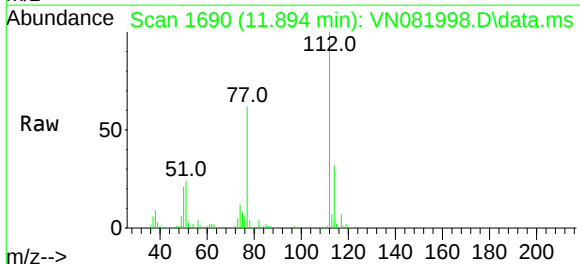
114 32.1 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/06/2024

Supervised By :Semsettin Yesilyurt 05/06/2024



#66

1,1,1,2-Tetrachloroethane

Concen: 46.066 ug/l

RT: 11.965 min Scan# 1702

Delta R.T. 0.006 min

Lab File: VN081998.D

Acq: 03 May 2024 17:48

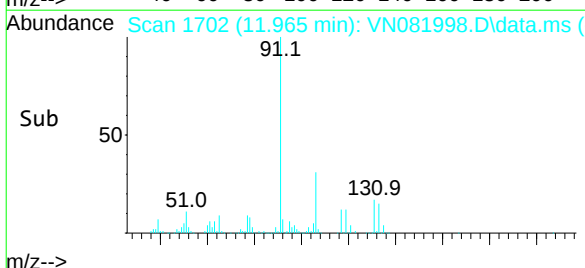
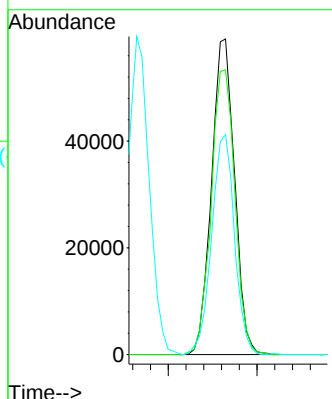
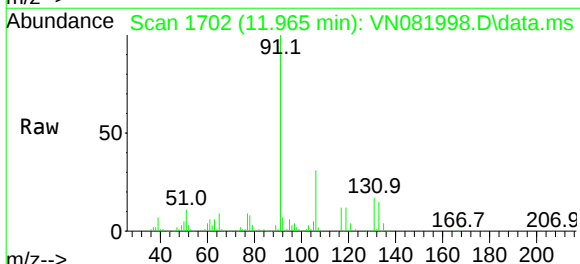
Tgt Ion:131 Resp: 106798

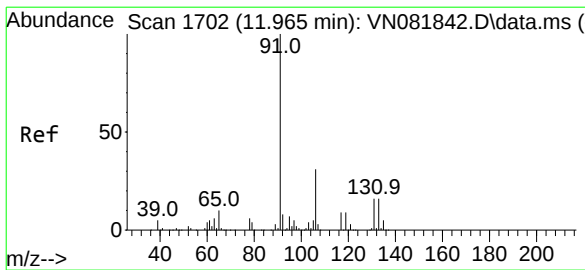
Ion Ratio Lower Upper

131 100

133 92.8 47.5 142.6

119 68.9 32.9 98.7





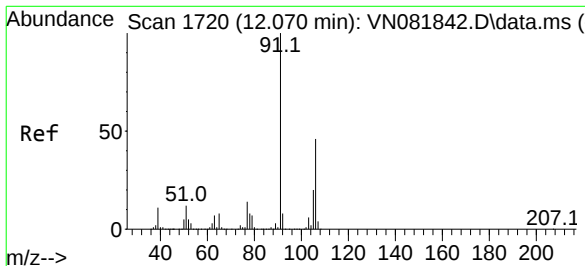
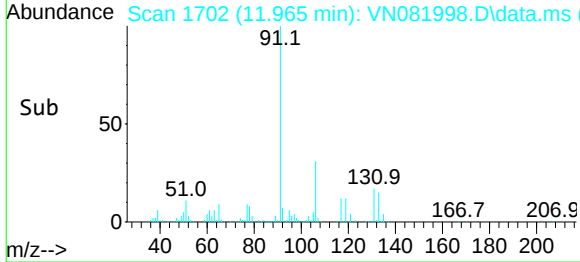
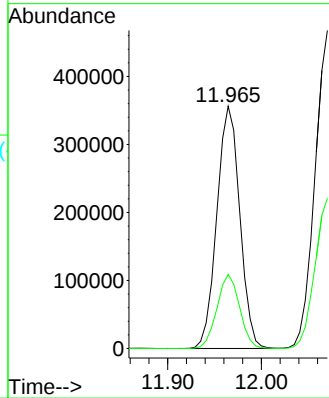
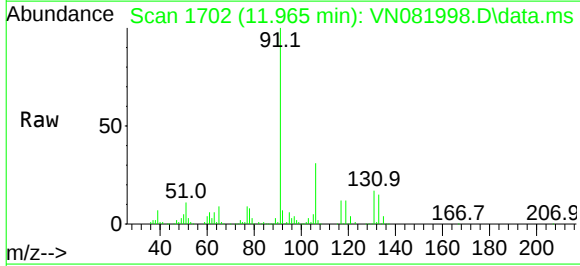
#67
Ethyl Benzene
Concen: 45.664 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN081998.D
Acq: 03 May 2024 17:48

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 605811
Ion Ratio Lower Upper
91 100
106 30.6 25.3 37.9

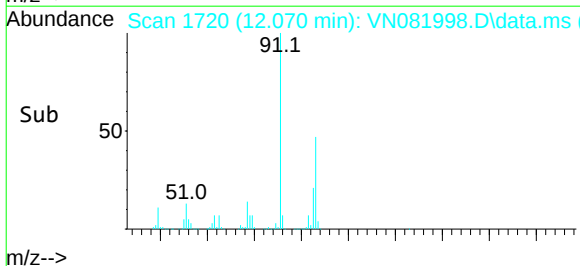
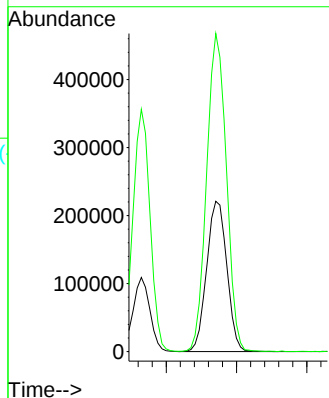
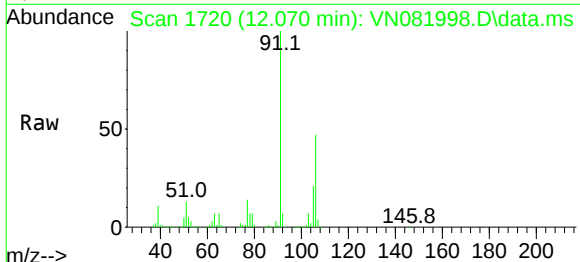
Manual Integrations
APPROVED

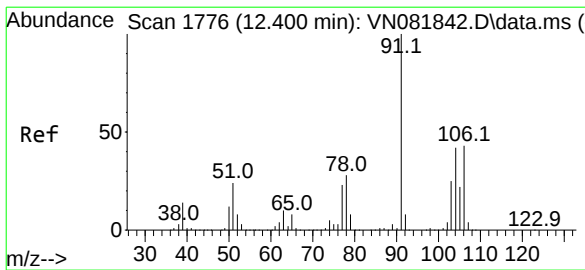
Reviewed By :John Carlone 05/06/2024
Supervised By :Semsettin Yesilyurt 05/06/2024



#68
m/p-Xylenes
Concen: 93.117 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN081998.D
Acq: 03 May 2024 17:48

Tgt Ion:106 Resp: 440639
Ion Ratio Lower Upper
106 100
91 207.0 159.4 239.0





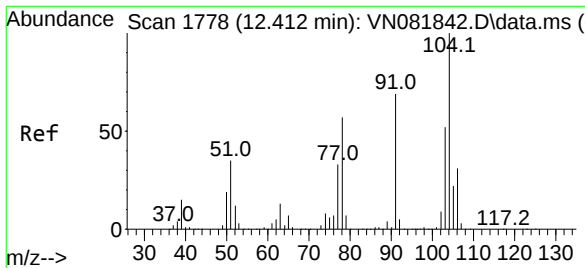
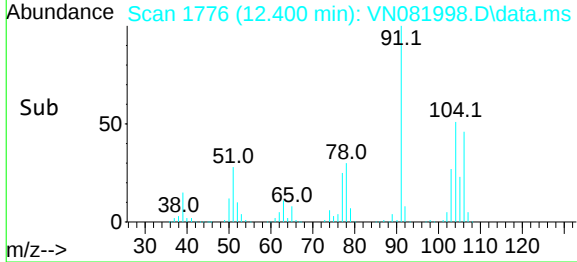
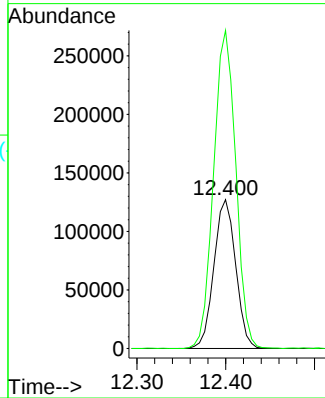
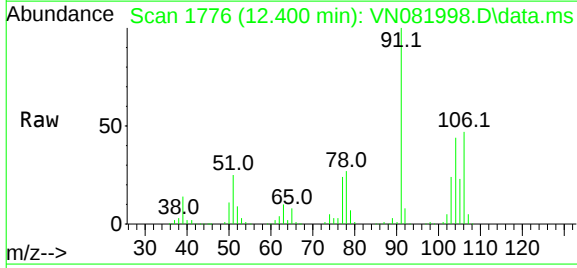
#69
o-Xylene
Concen: 46.848 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN081998.D
Acq: 03 May 2024 17:48

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 216435
Ion Ratio Lower Upper
106 100
91 217.7 104.7 314.1

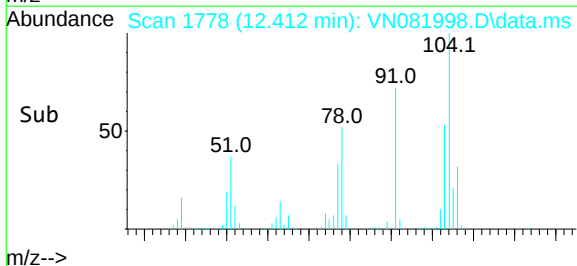
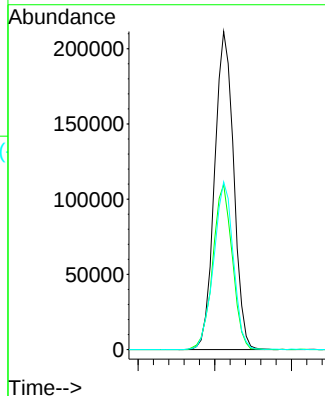
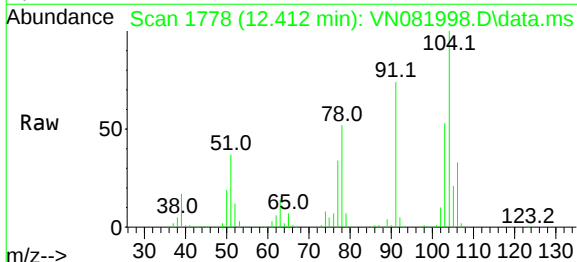
Manual Integrations
APPROVED

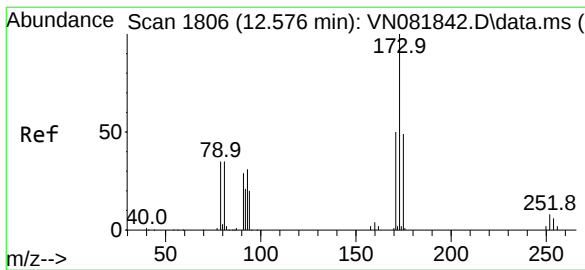
Reviewed By :John Carlone 05/06/2024
Supervised By :Semsettin Yesilyurt 05/06/2024



#70
Styrene
Concen: 45.779 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN081998.D
Acq: 03 May 2024 17:48

Tgt Ion:104 Resp: 365870
Ion Ratio Lower Upper
104 100
78 53.0 38.6 58.0
103 54.2 43.8 65.6





#71

Bromoform

Concen: 38.821 ug/l

RT: 12.582 min Scan# 1806

Delta R.T. 0.006 min

Lab File: VN081998.D

Acq: 03 May 2024 17:48

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

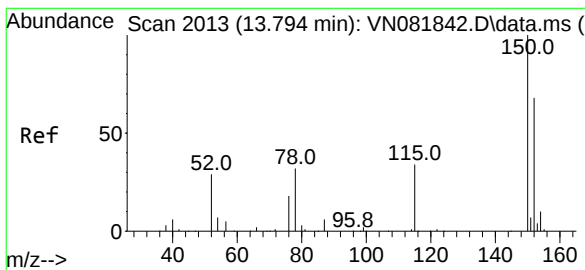
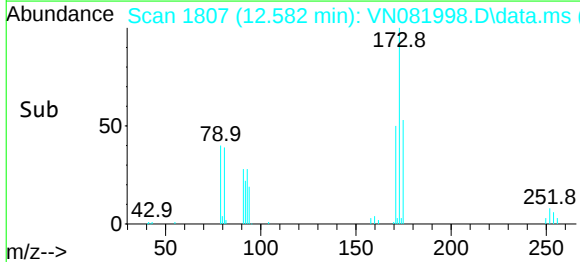
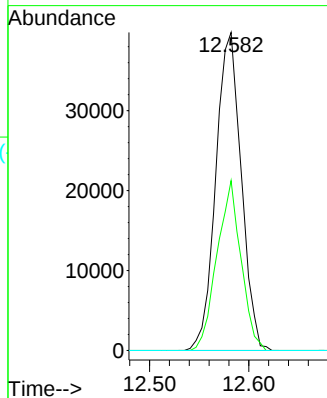
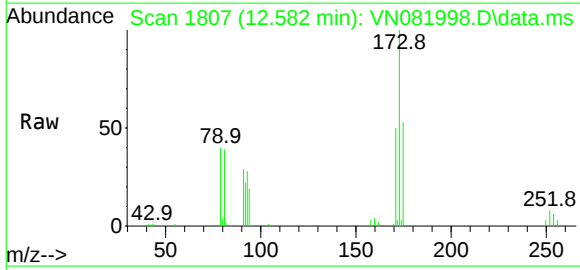
Tgt Ion:	173	Resp:	70757
Ion Ratio	Lower	Upper	
173	100		
175	50.5	24.6	74.0
254	0.0	0.0	0.0

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

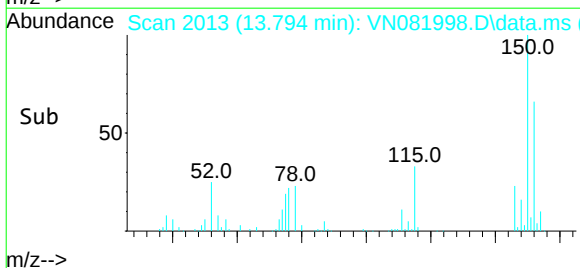
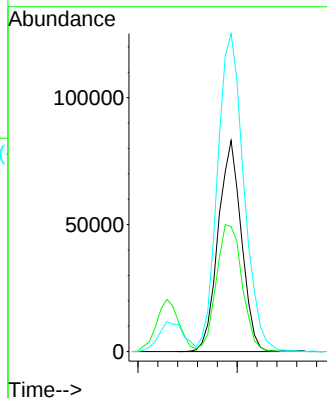
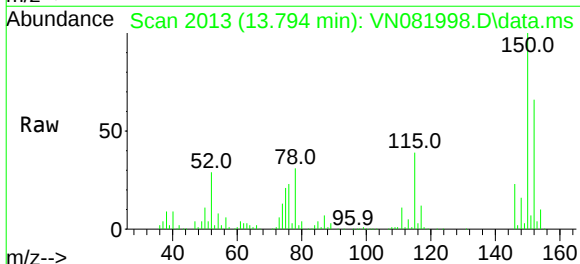
RT: 13.794 min Scan# 2013

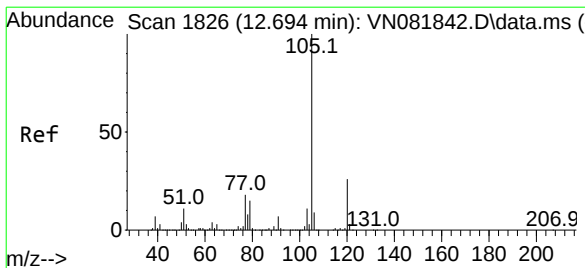
Delta R.T. -0.000 min

Lab File: VN081998.D

Acq: 03 May 2024 17:48

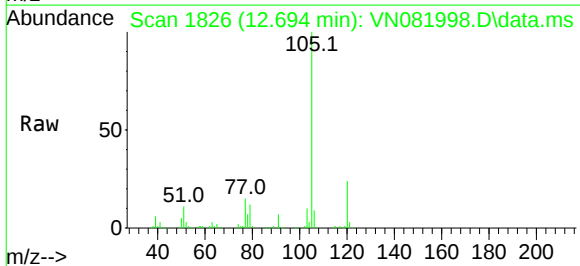
Tgt Ion:	152	Resp:	135197
Ion Ratio	Lower	Upper	
152	100		
115	66.7	30.4	91.3
150	171.0	0.0	353.2





#73
Isopropylbenzene
Concen: 46.524 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. -0.000 min
Lab File: VN081998.D
Acq: 03 May 2024 17:48

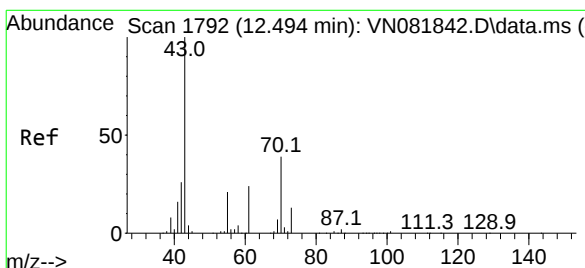
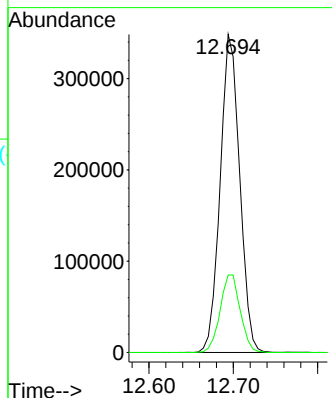
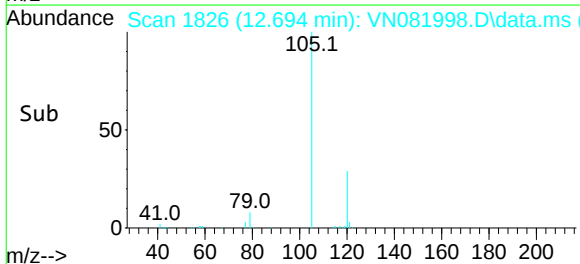
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:105 Resp: 559228
Ion Ratio Lower Upper
105 100
120 25.2 13.4 40.1

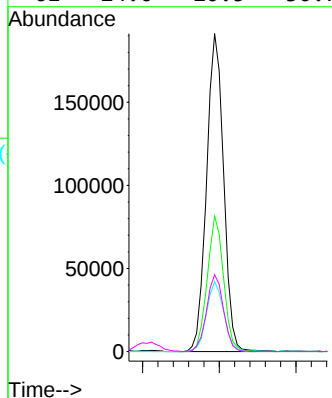
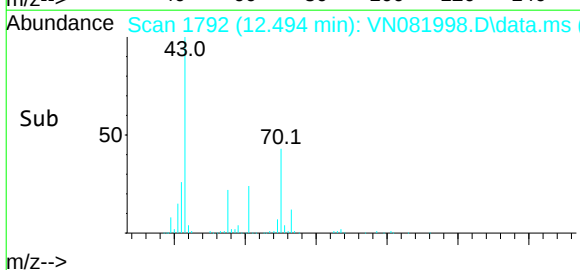
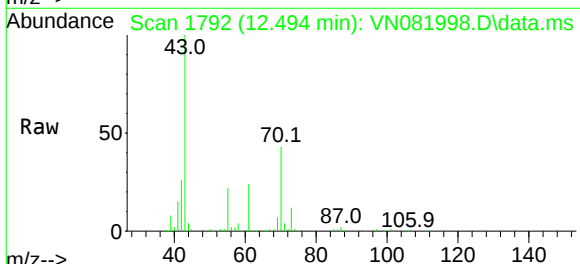
Manual Integrations
APPROVED

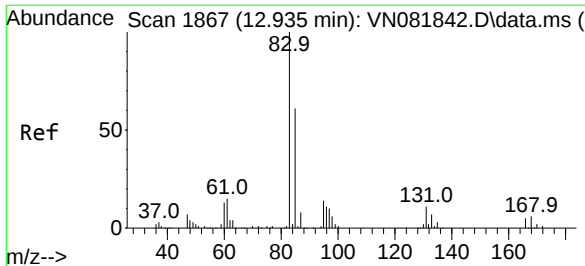
Reviewed By :John Carlone 05/06/2024
Supervised By :Semsettin Yesilyurt 05/06/2024



#74
N-ethyl acetate
Concen: 44.160 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. -0.000 min
Lab File: VN081998.D
Acq: 03 May 2024 17:48

Tgt Ion: 43 Resp: 295532
Ion Ratio Lower Upper
43 100
70 40.8 39.0 58.4
55 22.2 21.3 31.9
61 24.0 20.5 30.7





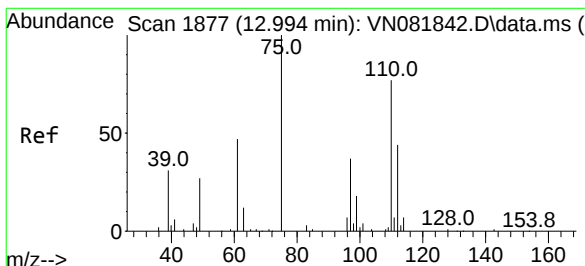
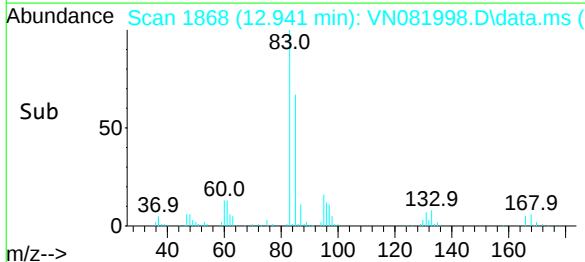
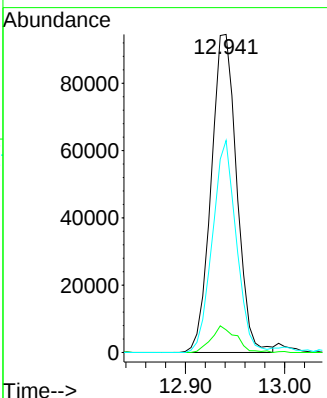
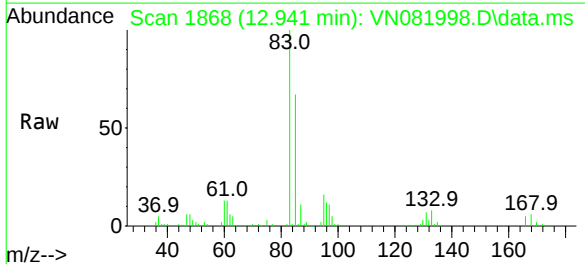
#75
1,1,2,2-Tetrachloroethane
Concen: 46.803 ug/l
RT: 12.941 min Scan# 1867
Delta R.T. 0.006 min
Lab File: VN081998.D
Acq: 03 May 2024 17:48

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 168942
Ion Ratio Lower Upper
83 100
131 8.3 5.5 16.4
85 62.4 32.9 98.6

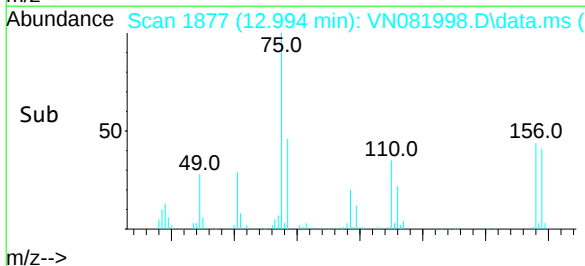
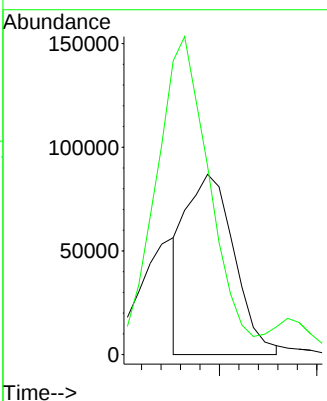
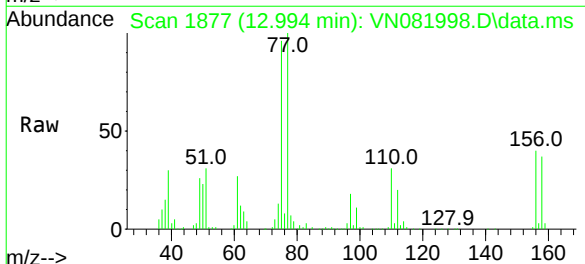
Manual Integrations
APPROVED

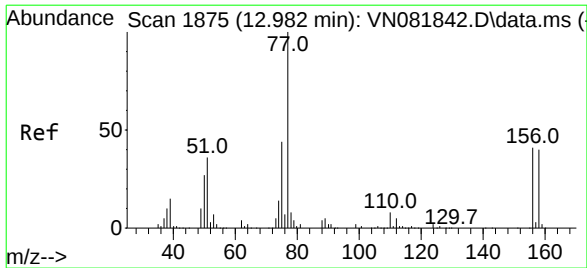
Reviewed By :John Carlone 05/06/2024
Supervised By :Semsettin Yesilyurt 05/06/2024



#76
1,2,3-Trichloropropane
Concen: 43.102 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. -0.000 min
Lab File: VN081998.D
Acq: 03 May 2024 17:48

Tgt Ion: 75 Resp: 151087
Ion Ratio Lower Upper
75 100
77 195.3 90.5 271.3





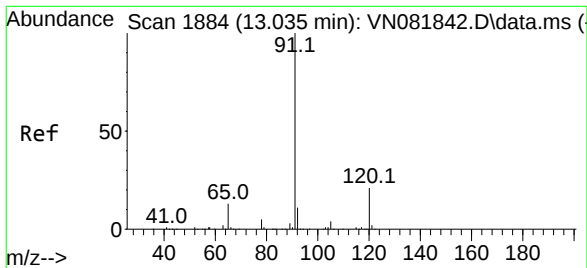
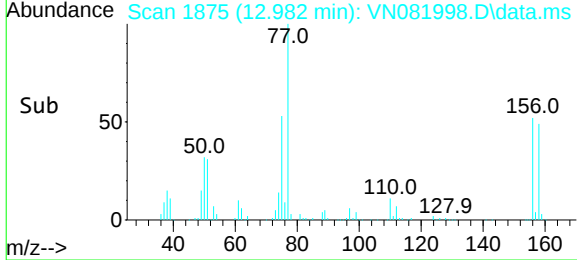
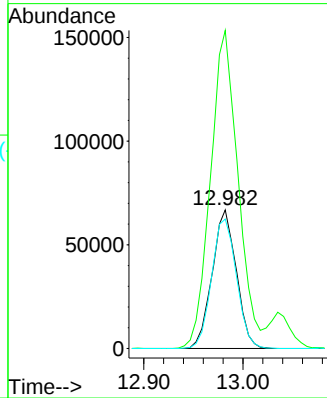
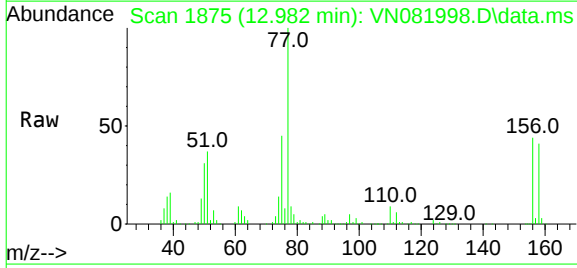
#77
Bromobenzene
Concen: 44.918 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VN081998.D
Acq: 03 May 2024 17:48

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:156 Resp: 112984
Ion Ratio Lower Upper
156 100
77 261.1 100.2 300.6
158 96.3 49.1 147.3

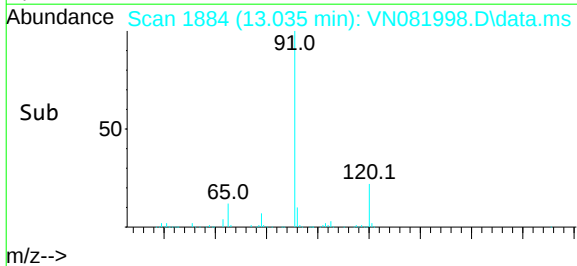
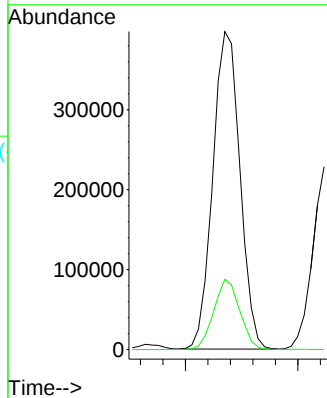
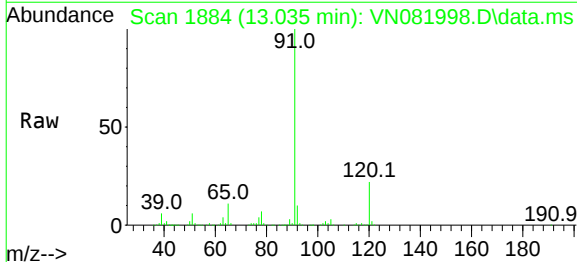
Manual Integrations
APPROVED

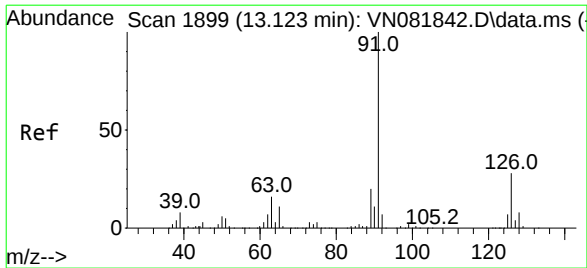
Reviewed By :John Carlone 05/06/2024
Supervised By :Semsettin Yesilyurt 05/06/2024



#78
n-propylbenzene
Concen: 45.607 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VN081998.D
Acq: 03 May 2024 17:48

Tgt Ion: 91 Resp: 665897
Ion Ratio Lower Upper
91 100
120 21.2 11.7 35.0





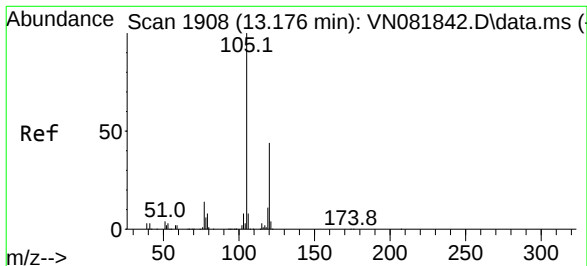
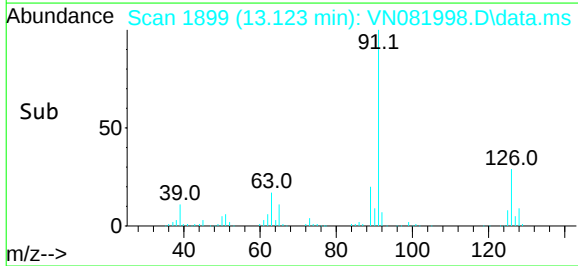
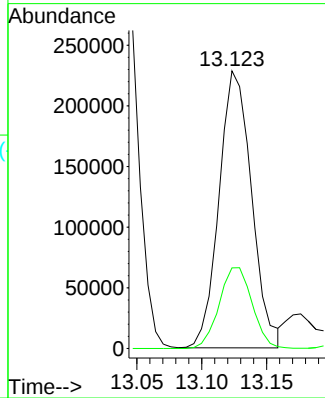
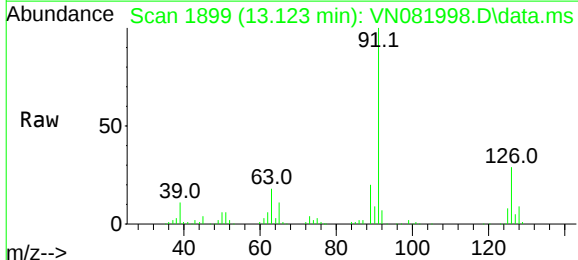
#79
2-Chlorotoluene
Concen: 42.965 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN081998.D
Acq: 03 May 2024 17:48

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 399127
Ion Ratio Lower Upper
91 100
126 29.5 17.5 52.5

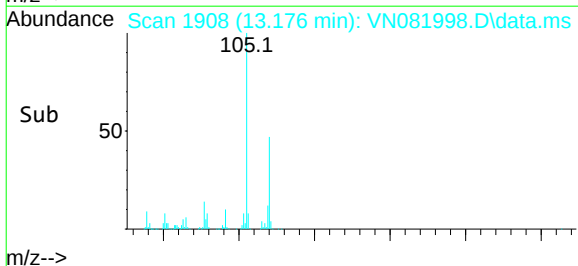
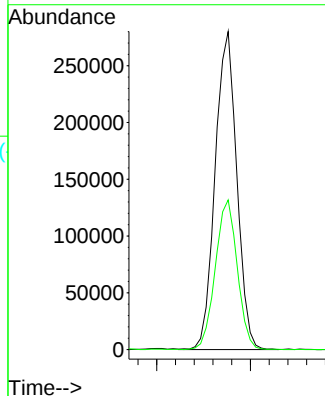
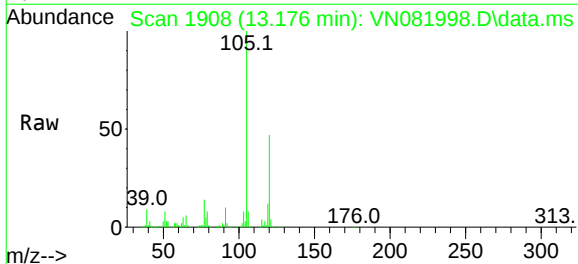
Manual Integrations
APPROVED

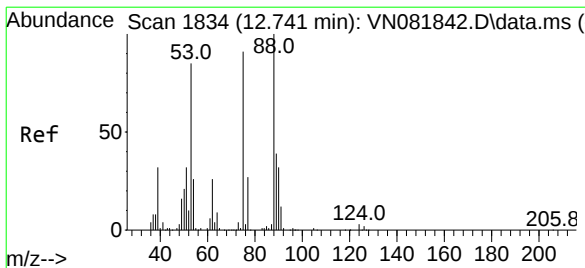
Reviewed By :John Carlone 05/06/2024
Supervised By :Semsettin Yesilyurt 05/06/2024



#80
1,3,5-Trimethylbenzene
Concen: 44.214 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. -0.000 min
Lab File: VN081998.D
Acq: 03 May 2024 17:48

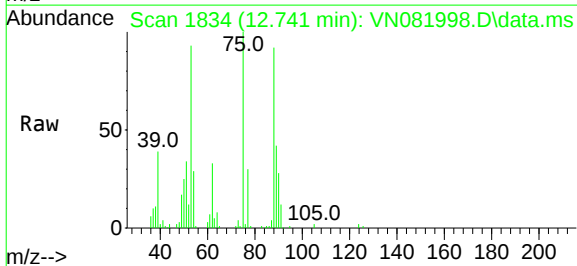
Tgt Ion:105 Resp: 449729
Ion Ratio Lower Upper
105 100
120 47.7 24.8 74.3





#81
trans-1,4-Dichloro-2-butene
Concen: 41.458 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. -0.000 min
Lab File: VN081998.D
Acq: 03 May 2024 17:48

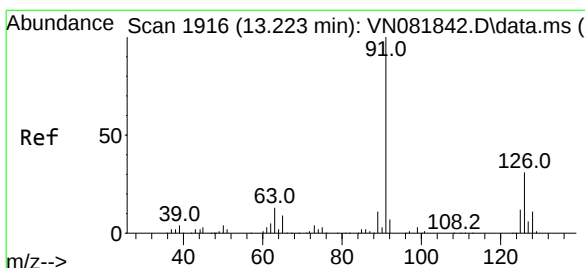
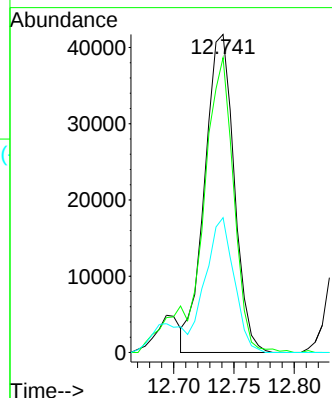
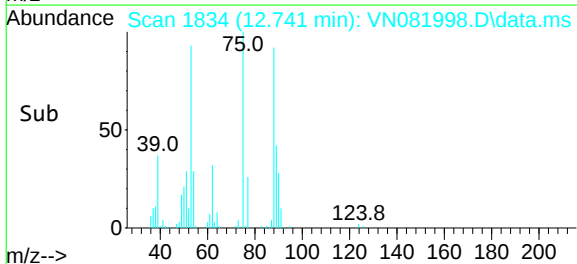
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 70920
Ion Ratio Lower Upper
75 100
53 101.4 72.9 109.3
89 41.1 39.1 58.7

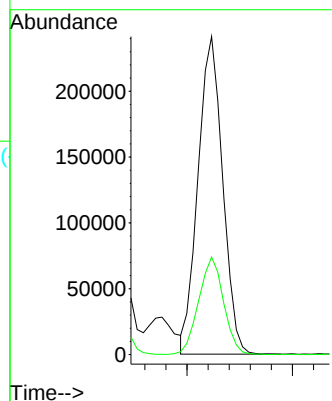
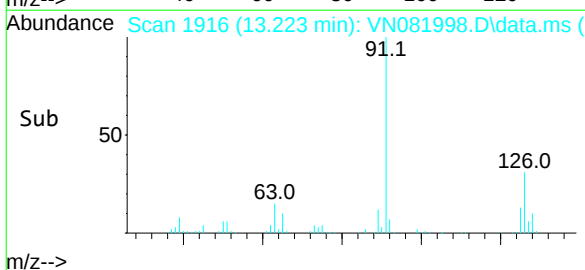
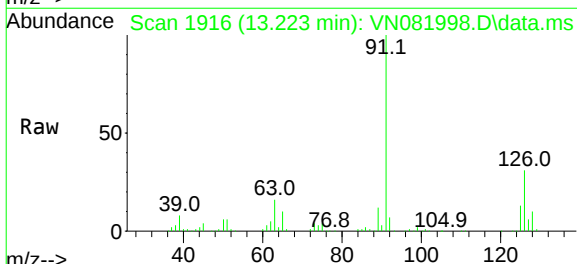
Manual Integrations
APPROVED

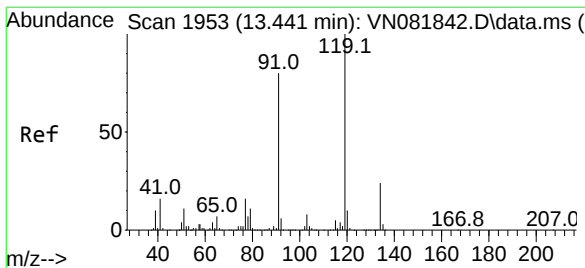
Reviewed By :John Carlone 05/06/2024
Supervised By :Semsettin Yesilyurt 05/06/2024



#82
4-Chlorotoluene
Concen: 43.353 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.000 min
Lab File: VN081998.D
Acq: 03 May 2024 17:48

Tgt Ion: 91 Resp: 390985
Ion Ratio Lower Upper
91 100
126 31.0 17.4 52.3





#83

tert-Butylbenzene

Concen: 44.391 ug/l

RT: 13.441 min Scan# 1953

Delta R.T. -0.000 min

Lab File: VN081998.D

Acq: 03 May 2024 17:48

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

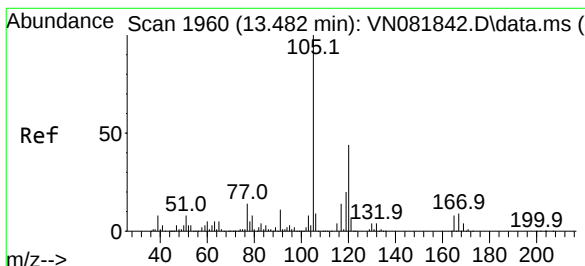
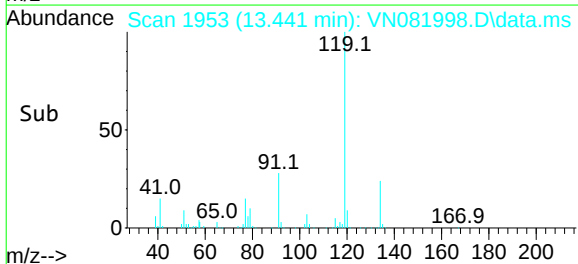
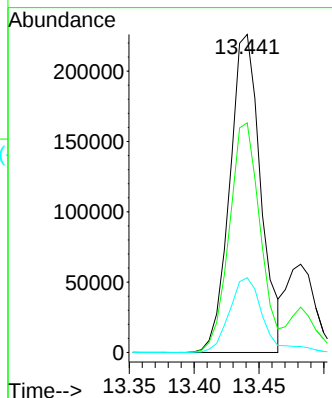
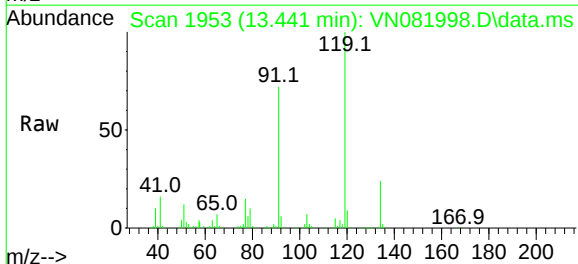
Tgt Ion:	119	Resp:	376020
Ion	Ratio	Lower	Upper
119	100		
91	71.6	32.6	97.8
134	25.7	12.4	37.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/06/2024

Supervised By :Semsettin Yesilyurt 05/06/2024



#84

1,2,4-Trimethylbenzene

Concen: 44.357 ug/l

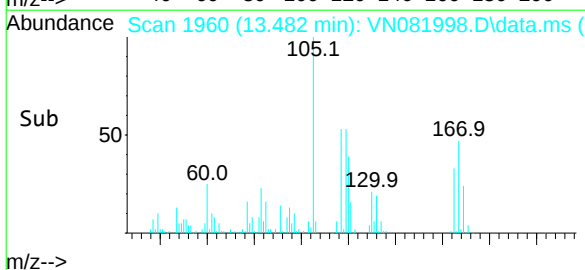
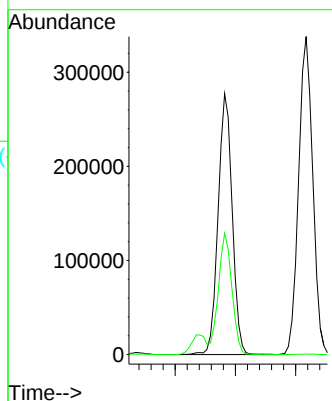
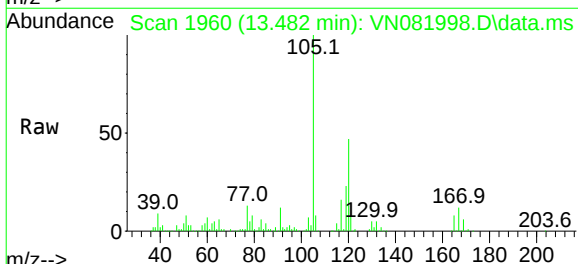
RT: 13.482 min Scan# 1960

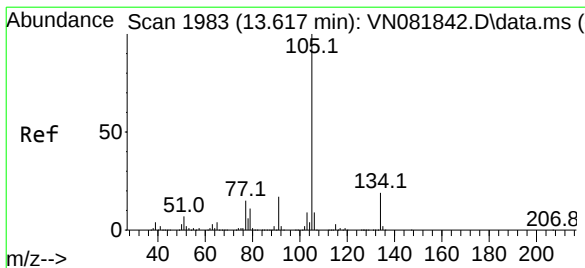
Delta R.T. -0.000 min

Lab File: VN081998.D

Acq: 03 May 2024 17:48

Tgt Ion:	105	Resp:	450572
Ion	Ratio	Lower	Upper
105	100		
120	44.7	22.9	68.7





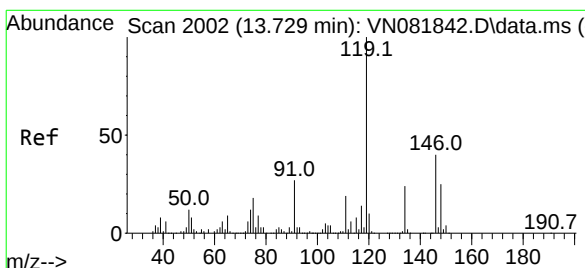
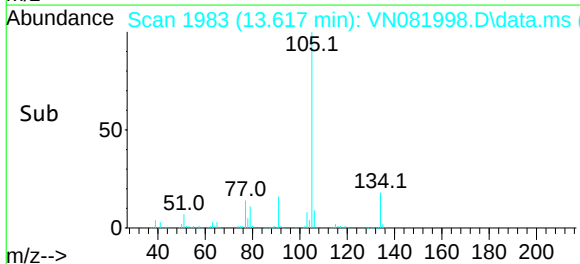
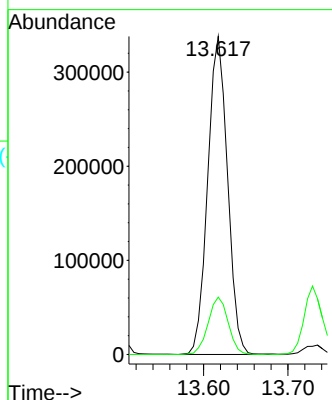
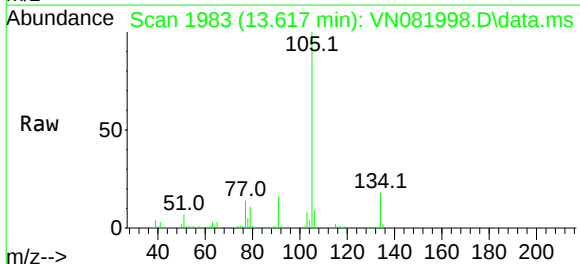
#85
sec-Butylbenzene
Concen: 46.214 ug/l
RT: 13.617 min Scan# 1983
Delta R.T. -0.000 min
Lab File: VN081998.D
Acq: 03 May 2024 17:48

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:105 Resp: 551416
Ion Ratio Lower Upper
105 100
134 18.3 10.2 30.4

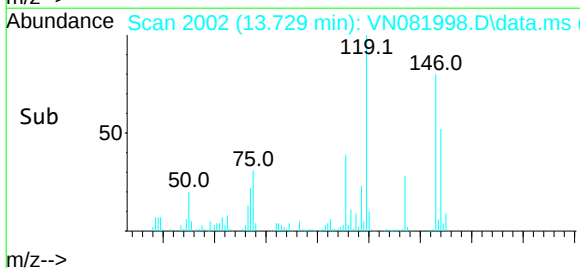
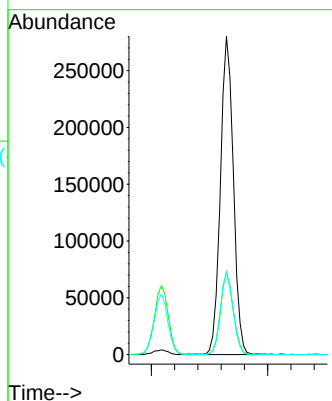
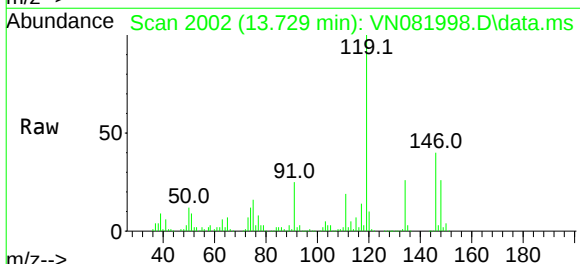
Manual Integrations
APPROVED

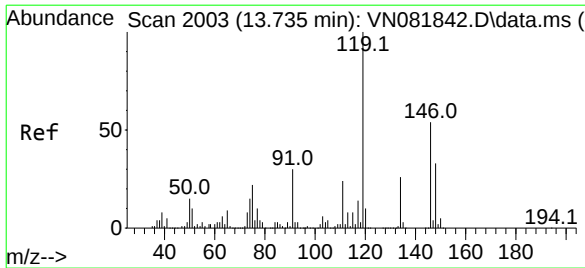
Reviewed By :John Carlone 05/06/2024
Supervised By :Semsettin Yesilyurt 05/06/2024



#86
p-Isopropyltoluene
Concen: 45.288 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. -0.000 min
Lab File: VN081998.D
Acq: 03 May 2024 17:48

Tgt Ion:119 Resp: 433883
Ion Ratio Lower Upper
119 100
134 25.1 13.2 39.5
91 25.4 11.8 35.3





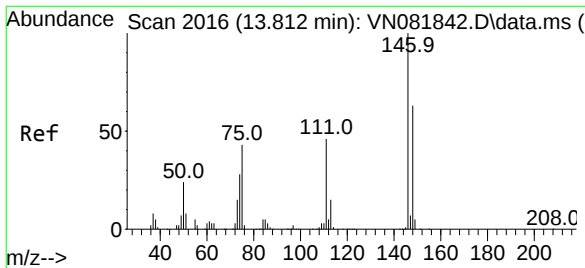
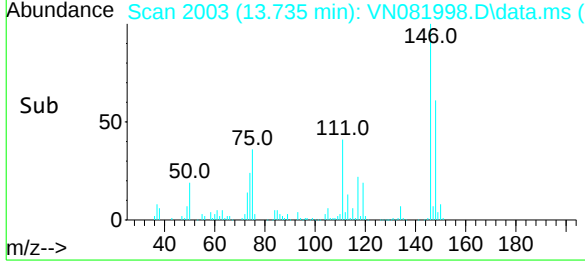
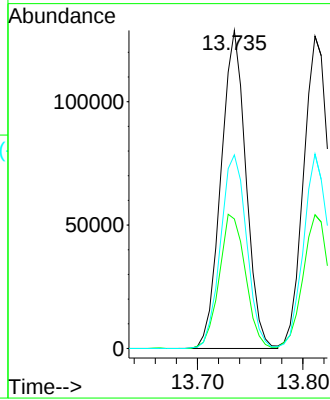
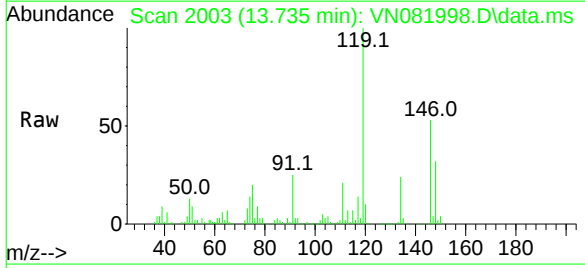
#87
1,3-Dichlorobenzene
Concen: 45.166 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. -0.000 min
Lab File: VN081998.D
Acq: 03 May 2024 17:48

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:146 Resp: 211982
Ion Ratio Lower Upper
146 100
111 44.2 20.8 62.5
148 63.6 32.1 96.3

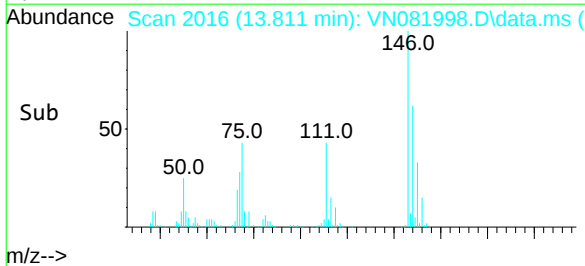
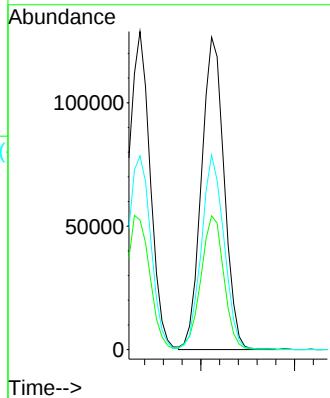
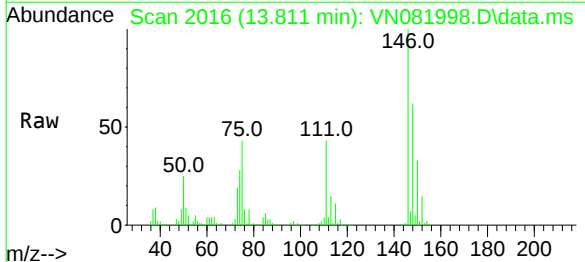
Manual Integrations
APPROVED

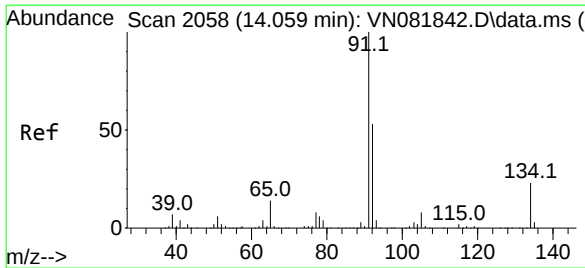
Reviewed By :John Carlone 05/06/2024
Supervised By :Semsettin Yesilyurt 05/06/2024



#88
1,4-Dichlorobenzene
Concen: 46.141 ug/l
RT: 13.811 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN081998.D
Acq: 03 May 2024 17:48

Tgt Ion:146 Resp: 213253
Ion Ratio Lower Upper
146 100
111 42.9 19.3 57.9
148 61.7 31.3 93.9





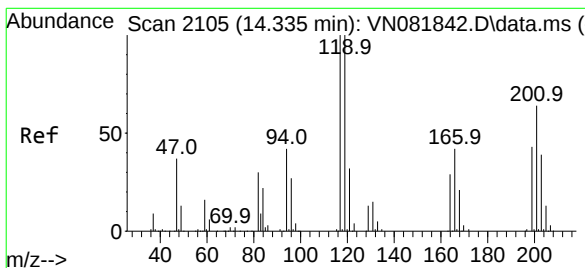
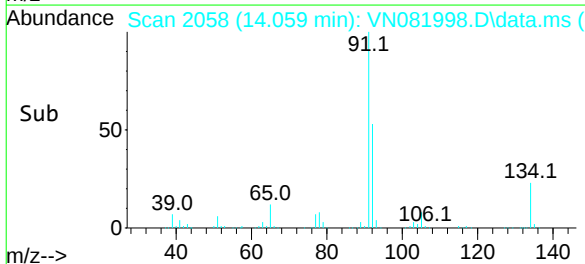
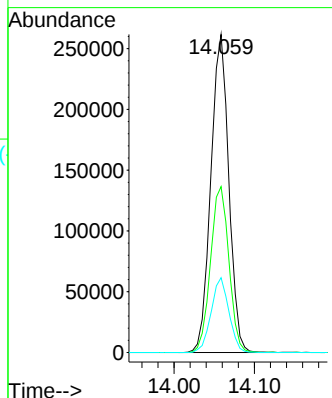
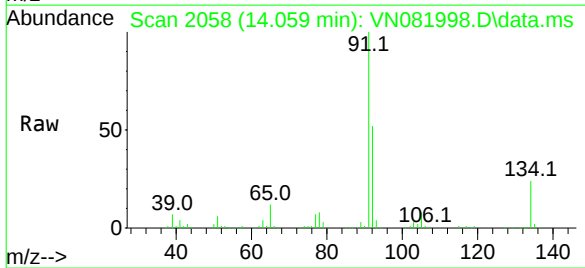
#89
n-Butylbenzene
Concen: 45.503 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. -0.000 min
Lab File: VN081998.D
Acq: 03 May 2024 17:48

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:	91	Resp:	405774
Ion	Ratio	Lower	Upper
91	100		
92	53.4	26.2	78.5
134	23.3	13.2	39.5

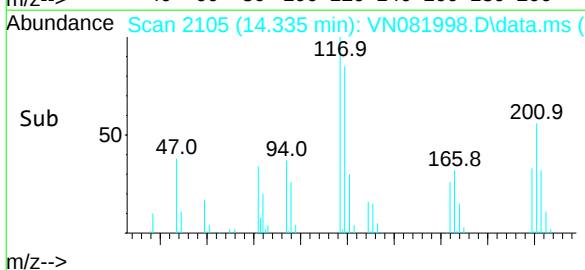
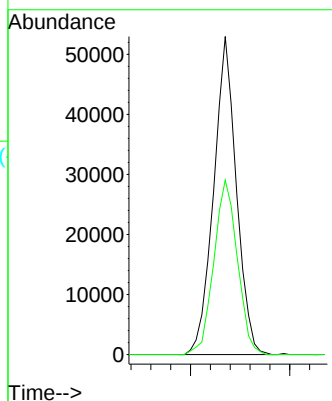
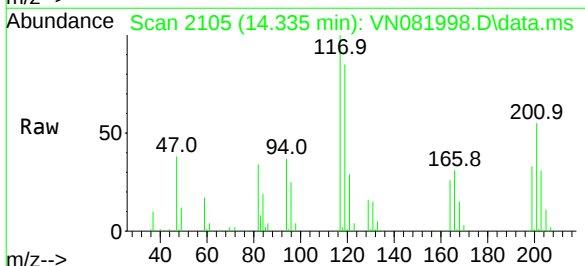
Manual Integrations
APPROVED

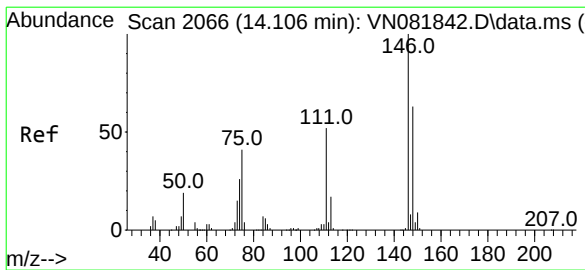
Reviewed By :John Carlone 05/06/2024
Supervised By :Semsettin Yesilyurt 05/06/2024



#90
Hexachloroethane
Concen: 44.703 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. -0.000 min
Lab File: VN081998.D
Acq: 03 May 2024 17:48

Tgt Ion:	117	Resp:	84248
Ion	Ratio	Lower	Upper
117	100		
201	56.8	33.3	99.8





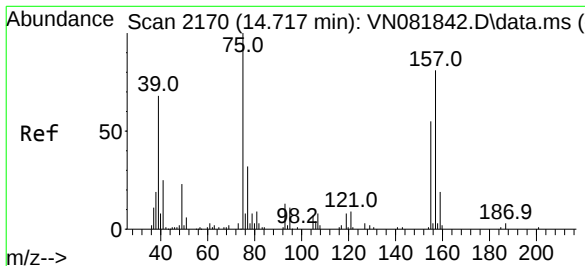
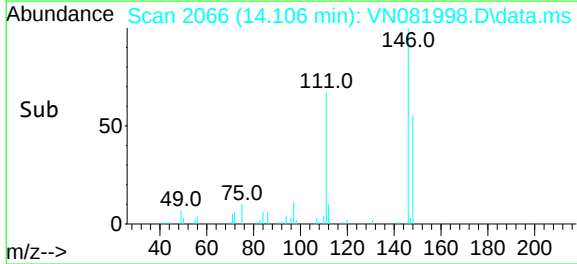
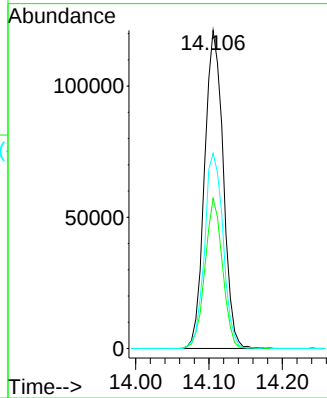
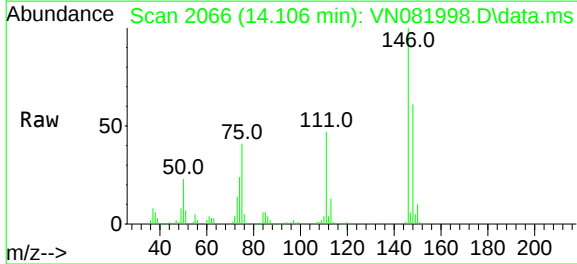
#91
1,2-Dichlorobenzene
Concen: 47.555 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN081998.D
Acq: 03 May 2024 17:48

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:	146	Resp:	213964
Ion Ratio	Lower	Upper	
146	100		
111	44.6	21.3	64.0
148	61.1	31.8	95.4

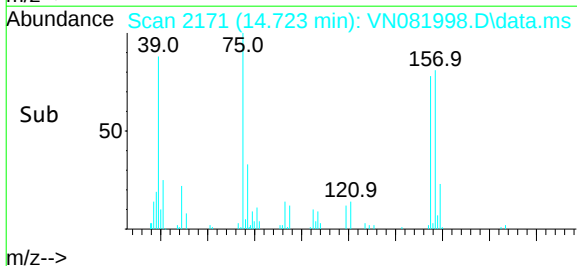
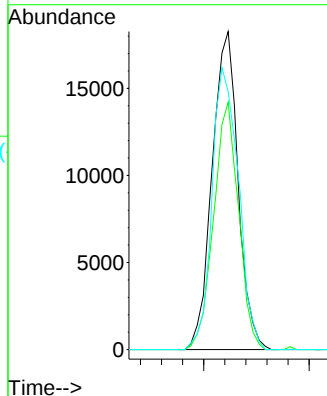
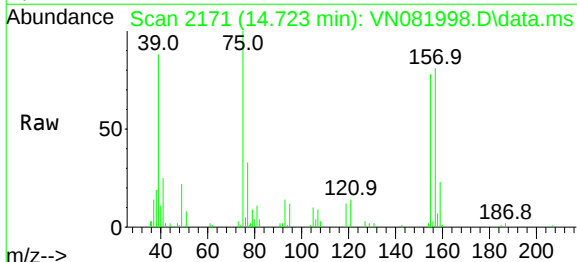
Manual Integrations
APPROVED

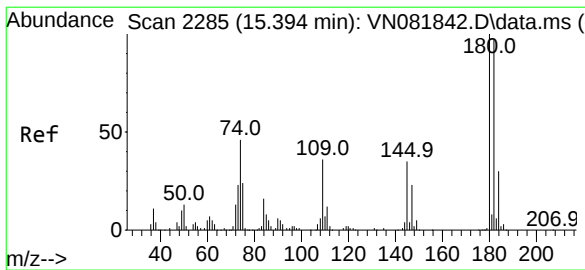
Reviewed By :John Carlone 05/06/2024
Supervised By :Semsettin Yesilyurt 05/06/2024



#92
1,2-Dibromo-3-Chloropropane
Concen: 35.506 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.006 min
Lab File: VN081998.D
Acq: 03 May 2024 17:48

Tgt Ion:	75	Resp:	31203
Ion Ratio	Lower	Upper	
75	100		
155	74.8	42.6	128.0
157	90.4	53.0	159.0





#93

1,2,4-Trichlorobenzene

Concen: 41.145 ug/l

RT: 15.394 min Scan# 2285

Delta R.T. -0.000 min

Lab File: VN081998.D

Acq: 03 May 2024 17:48

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion:180 Resp: 103567

Ion Ratio Lower Upper

180 100

182 95.4 46.7 140.0

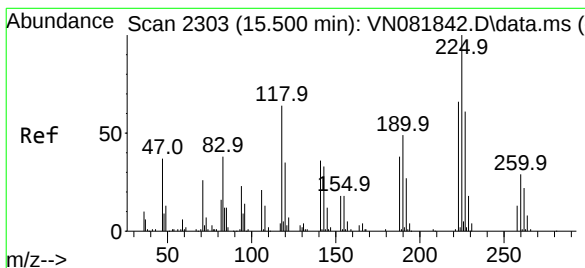
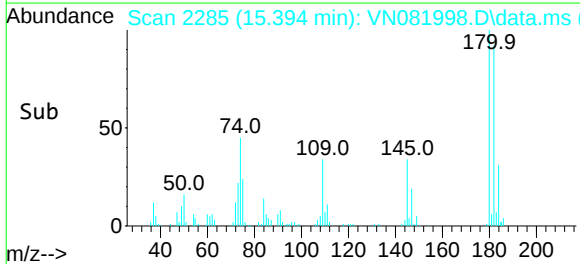
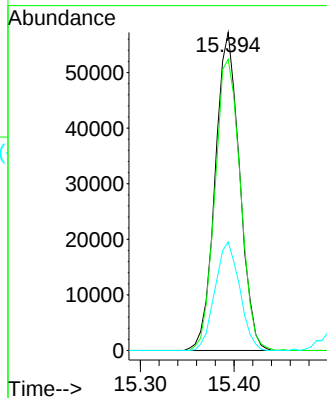
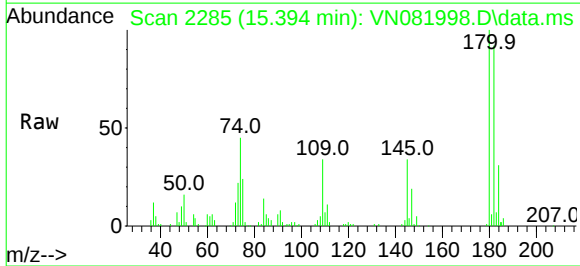
145 34.6 16.2 48.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/06/2024

Supervised By :Semsettin Yesilyurt 05/06/2024



#94

Hexachlorobutadiene

Concen: 38.811 ug/l

RT: 15.500 min Scan# 2303

Delta R.T. -0.000 min

Lab File: VN081998.D

Acq: 03 May 2024 17:48

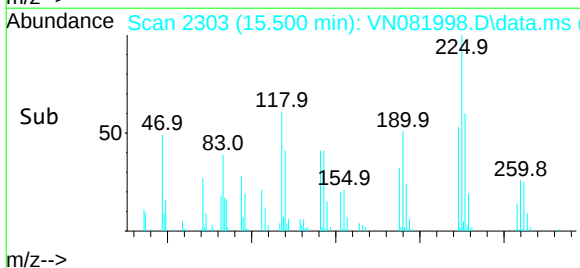
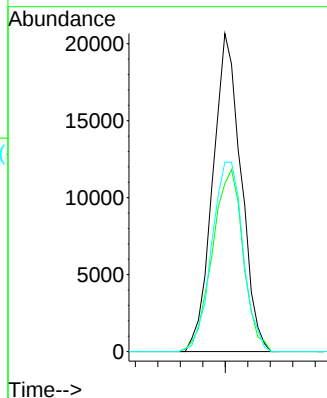
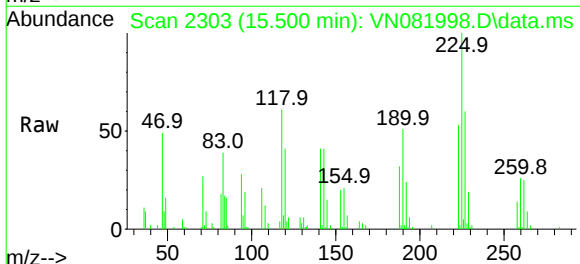
Tgt Ion:225 Resp: 36008

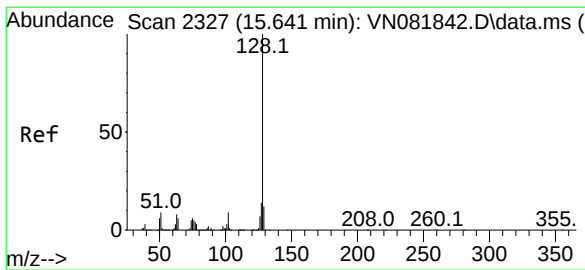
Ion Ratio Lower Upper

225 100

223 62.2 31.1 93.2

227 65.7 30.6 91.6





#95

Naphthalene

Concen: 43.902 ug/l

RT: 15.641 min Scan# 23

Delta R.T. -0.000 min

Lab File: VN081998.D

Acq: 03 May 2024 17:48

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

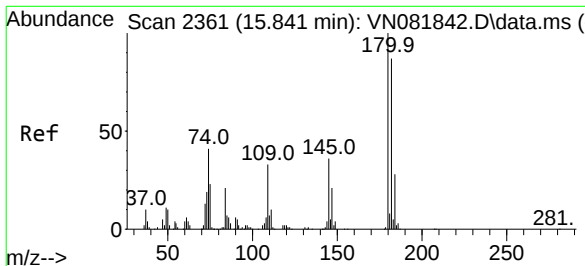
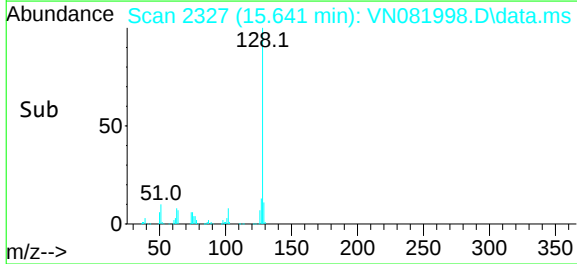
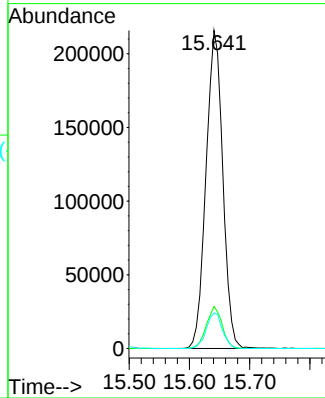
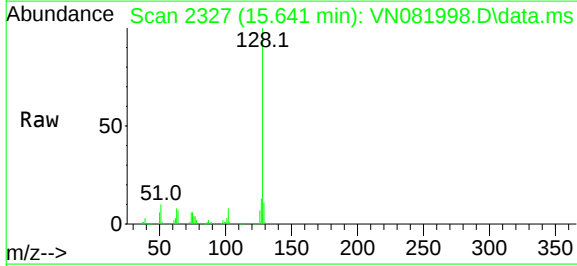
Tgt Ion:	128	Resp:	417578
Ion Ratio	Lower	Upper	
128	100		
127	12.4	10.1	15.1
129	10.8	8.9	13.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/06/2024

Supervised By :Semsettin Yesilyurt 05/06/2024



#96

1,2,3-Trichlorobenzene

Concen: 44.299 ug/l

RT: 15.847 min Scan# 2362

Delta R.T. 0.006 min

Lab File: VN081998.D

Acq: 03 May 2024 17:48

Tgt Ion:	180	Resp:	107060
Ion Ratio	Lower	Upper	
180	100		
182	95.1	46.0	137.8
145	34.9	17.1	51.3

