

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050324\
 Data File : VN081987.D
 Acq On : 03 May 2024 13:12
 Operator : JC\MD
 Sample : VN0503WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0503WBSD01

Manual Integrations
 APPROVED

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

Quant Time: May 06 01:53:53 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	174278	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	351710	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	302948	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	124035	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	149896	50.962	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	101.920%
35) Dibromofluoromethane	8.171	113	107339	50.689	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.380%
50) Toluene-d8	10.565	98	428939	51.576	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	103.160%
62) 4-Bromofluorobenzene	12.847	95	151698	46.142	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	92.280%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	45110	18.439	ug/l	93
3) Chloromethane	2.359	50	51779	20.288	ug/l	97
4) Vinyl Chloride	2.518	62	46745	20.234	ug/l	97
5) Bromomethane	2.959	94	23412	20.830	ug/l	98
6) Chloroethane	3.118	64	28455	24.369	ug/l	97
7) Trichlorofluoromethane	3.494	101	65542	18.340	ug/l	94
8) Diethyl Ether	3.959	74	33949	22.363	ug/l	83
9) 1,1,2-Trichlorotrifluo...	4.365	101	43730	21.076	ug/l	92
10) Methyl Iodide	4.589	142	40479	22.274	ug/l	98
11) Tert butyl alcohol	5.512	59	60499	113.143	ug/l	100
12) 1,1-Dichloroethene	4.336	96	43513	20.614	ug/l	89
13) Acrolein	4.177	56	32608	72.990	ug/l	97
14) Allyl chloride	5.030	41	82486	18.474	ug/l	87
15) Acrylonitrile	5.718	53	151505	117.997	ug/l	97
16) Acetone	4.430	43	103007	115.486	ug/l	99
17) Carbon Disulfide	4.712	76	111545	17.582	ug/l	98
18) Methyl Acetate	5.024	43	70951	23.815	ug/l	94
19) Methyl tert-butyl Ether	5.794	73	174572	21.917	ug/l	92
20) Methylene Chloride	5.271	84	54415	21.587	ug/l #	86
21) trans-1,2-Dichloroethene	5.788	96	44649	19.400	ug/l	87
22) Diisopropyl ether	6.671	45	184737	21.382	ug/l #	93
23) Vinyl Acetate	6.606	43	748518m	106.626	ug/l	
24) 1,1-Dichloroethane	6.571	63	98926	21.998	ug/l	94
25) 2-Butanone	7.482	43	191750	114.859	ug/l #	88
26) 2,2-Dichloropropane	7.494	77	80014	19.342	ug/l	98
27) cis-1,2-Dichloroethene	7.488	96	60194	22.382	ug/l	91
28) Bromochloromethane	7.818	49	46142	21.589	ug/l #	75
29) Tetrahydrofuran	7.835	42	135063	112.818	ug/l	89
30) Chloroform	7.965	83	89891	20.166	ug/l	98
31) Cyclohexane	8.253	56	88124	19.888	ug/l #	82
32) 1,1,1-Trichloroethane	8.165	97	74464	18.733	ug/l #	89
36) 1,1-Dichloropropene	8.377	75	63253	18.360	ug/l	98
37) Ethyl Acetate	7.559	43	80710	21.668	ug/l	98
38) Carbon Tetrachloride	8.365	117	59976	17.813	ug/l	97
39) Methylcyclohexane	9.606	83	78339	18.724	ug/l #	88
40) Benzene	8.606	78	211793	20.479	ug/l	92

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	47074	19.806	ug/l	87
42) 1,2-Dichloroethane	8.671	62	70895	18.461	ug/l	99
43) Isopropyl Acetate	8.688	43	142535	20.351	ug/l	95
44) Trichloroethene	9.359	130	46576	19.534	ug/l	91
45) 1,2-Dichloropropane	9.624	63	57738	21.333	ug/l	100
46) Dibromomethane	9.712	93	36525	19.525	ug/l #	88
47) Bromodichloromethane	9.888	83	74064	18.773	ug/l #	99
48) Methyl methacrylate	9.682	41	65617	19.625	ug/l	88
49) 1,4-Dioxane	9.694	88	22789	448.443	ug/l #	72
51) 4-Methyl-2-Pentanone	10.447	43	423282	107.358	ug/l	95
52) Toluene	10.629	92	130146	21.014	ug/l	97
53) t-1,3-Dichloropropene	10.835	75	82740	19.274	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	88123	19.918	ug/l #	90
55) 1,1,2-Trichloroethane	11.018	97	51604	21.186	ug/l	96
56) Ethyl methacrylate	10.876	69	92884	20.027	ug/l	89
57) 1,3-Dichloropropane	11.165	76	92159	21.282	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.159	63	227055	107.462	ug/l	91
59) 2-Hexanone	11.194	43	316254	107.782	ug/l	98
60) Dibromochloromethane	11.359	129	51057	19.791	ug/l	100
61) 1,2-Dibromoethane	11.470	107	49590	21.290	ug/l	95
64) Tetrachloroethene	11.106	164	36567	16.619	ug/l	91
65) Chlorobenzene	11.894	112	133755	20.218	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.965	131	44221	20.567	ug/l	96
67) Ethyl Benzene	11.965	91	244095	19.839	ug/l	96
68) m/p-Xylenes	12.070	106	178337	40.636	ug/l	94
69) o-Xylene	12.400	106	83992	19.603	ug/l	85
70) Styrene	12.412	104	146119	19.714	ug/l	97
71) Bromoform	12.582	173	30494	18.040	ug/l #	95
73) Isopropylbenzene	12.694	105	221189	20.057	ug/l	97
74) N-amyl acetate	12.494	43	119566	19.474	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.941	83	71439	21.572	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	64807m	20.152	ug/l	
77) Bromobenzene	12.982	156	45751	19.825	ug/l	68
78) n-propylbenzene	13.035	91	268885	20.073	ug/l	96
79) 2-Chlorotoluene	13.123	91	159866	18.758	ug/l	94
80) 1,3,5-Trimethylbenzene	13.176	105	175069	18.760	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	29194m	18.602	ug/l	
82) 4-Chlorotoluene	13.223	91	157522	19.038	ug/l	97
83) tert-Butylbenzene	13.441	119	154760	19.914	ug/l	96
84) 1,2,4-Trimethylbenzene	13.482	105	179202	19.229	ug/l	99
85) sec-Butylbenzene	13.617	105	225270	20.579	ug/l	96
86) p-Isopropyltoluene	13.729	119	170788	19.431	ug/l	96
87) 1,3-Dichlorobenzene	13.735	146	85904	19.950	ug/l	96
88) 1,4-Dichlorobenzene	13.811	146	86933	20.502	ug/l	96
89) n-Butylbenzene	14.059	91	158616	19.388	ug/l	97
90) Hexachloroethane	14.335	117	32489	18.790	ug/l	93
91) 1,2-Dichlorobenzene	14.106	146	83656	20.266	ug/l	94
92) 1,2-Dibromo-3-Chloropr...	14.717	75	14935	18.524	ug/l	80
93) 1,2,4-Trichlorobenzene	15.394	180	43546	18.857	ug/l	100
94) Hexachlorobutadiene	15.505	225	15100	17.740	ug/l	92
95) Naphthalene	15.641	128	179898	20.616	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	43012	19.399	ug/l	96

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Quant Title : SW846 8260
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Response via : Initial Calibration

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

(#) = qualifier out of range (m) = manual integration (+) = signals summed

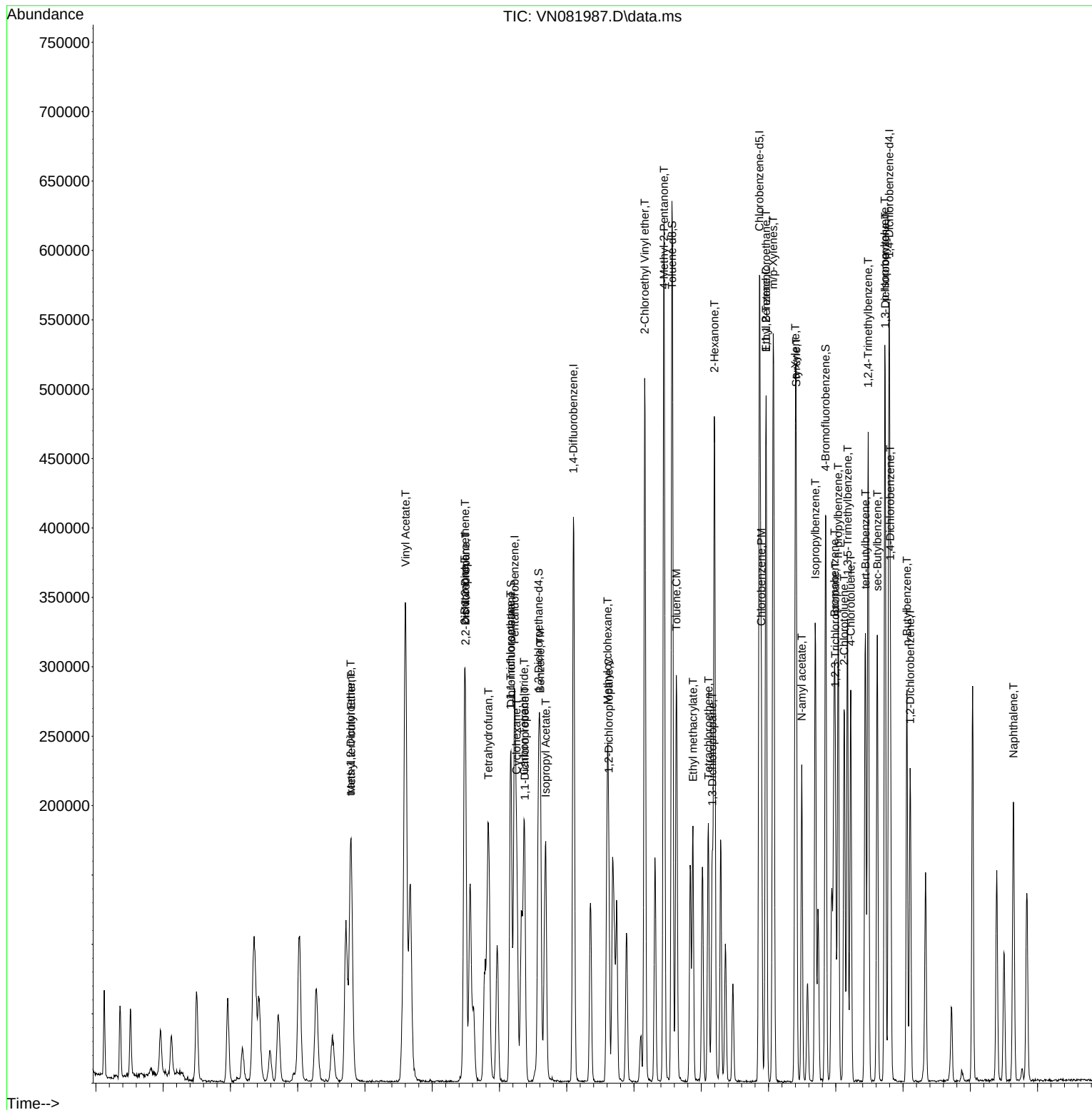
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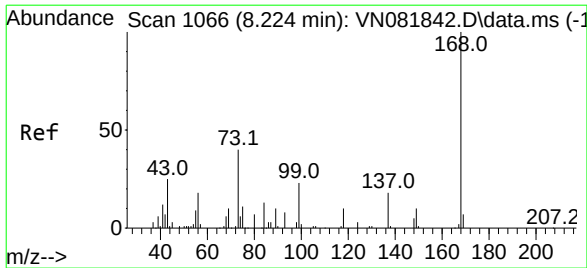
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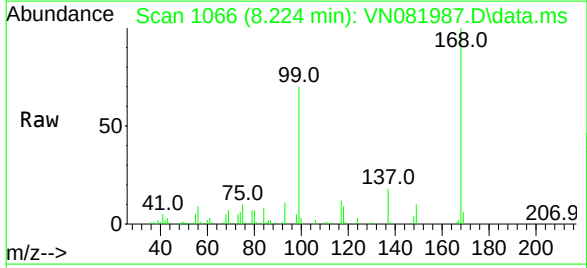
Reviewed By : John Carlone 05/06/2024
Supervised By : Semsettin Yesilyurt 05/06/2024





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN081987.D
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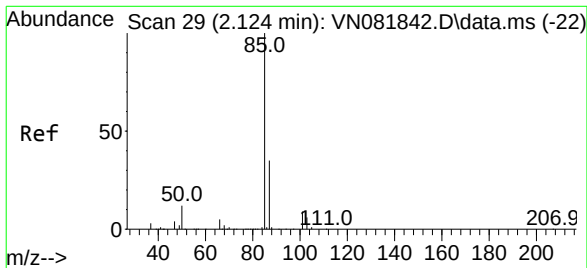
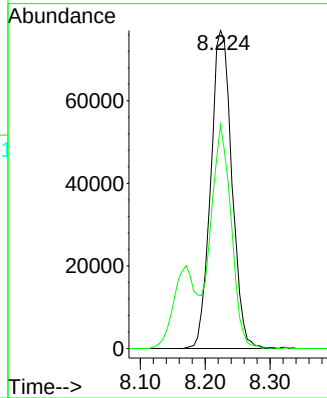
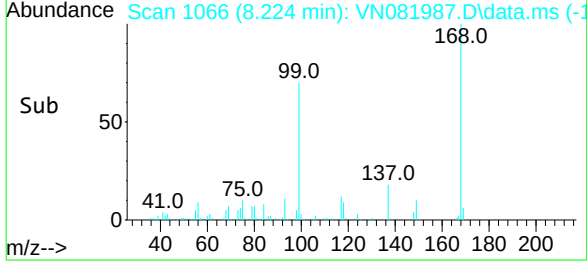
Instrument :
MSVOA_N
ClientSampleId :
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Tgt Ion:168 Resp: 174278
Ion Ratio Lower Upper
168 100
99 70.3 48.2 72.4

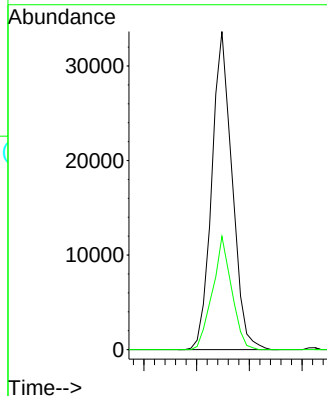
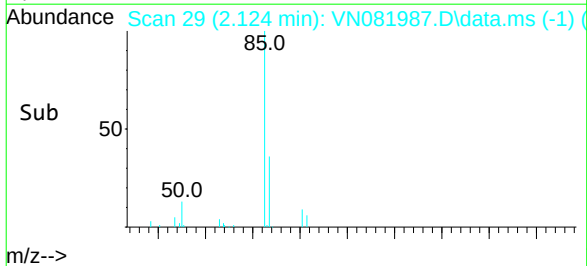
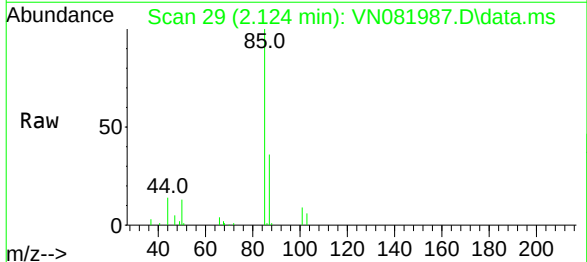
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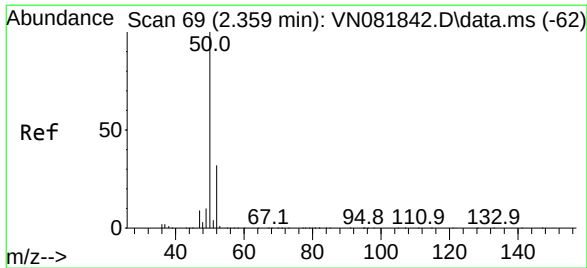
Reviewed By :John Carlone 05/06/2024
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#2
Dichlorodifluoromethane
Concen: 18.439 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN081987.D
Acq: 03 May 2024 13:12

Tgt Ion: 85 Resp: 45110
Ion Ratio Lower Upper
85 100
87 35.6 15.8 47.4





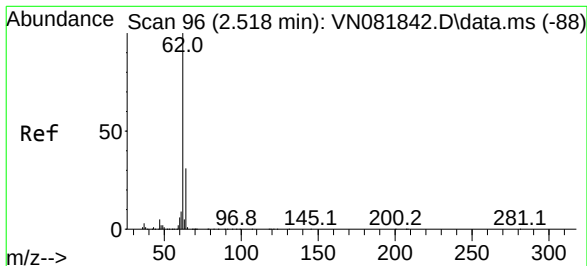
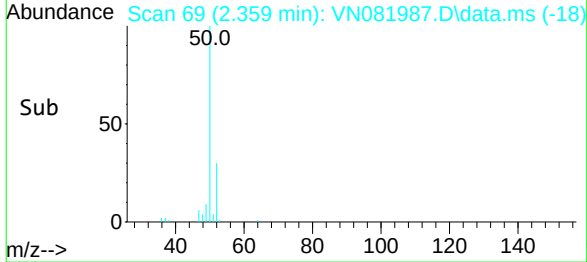
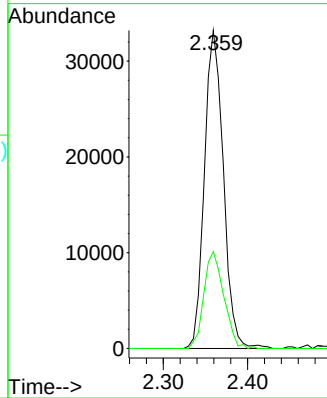
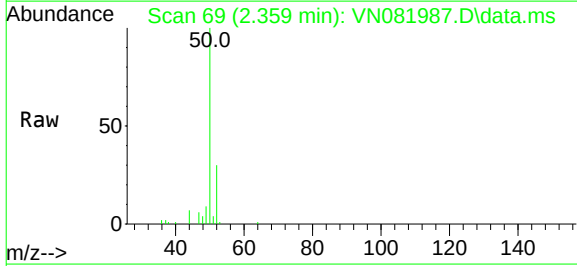
#3
Chloromethane
Concen: 20.288 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN081987.D
Acq: 03 May 2024 13:12

Instrument :
MSVOA_N
ClientSampleId :
VN0503WBSD01

Tgt Ion: 50 Resp: 51779
Ion Ratio Lower Upper
50 100
52 30.4 25.5 38.3

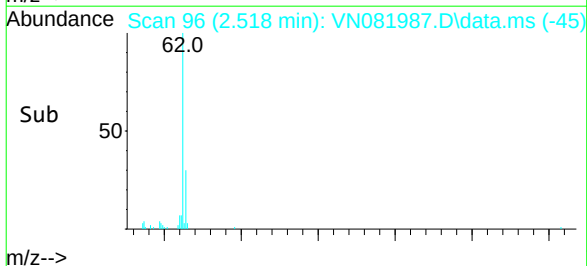
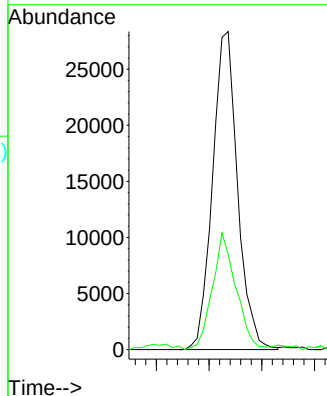
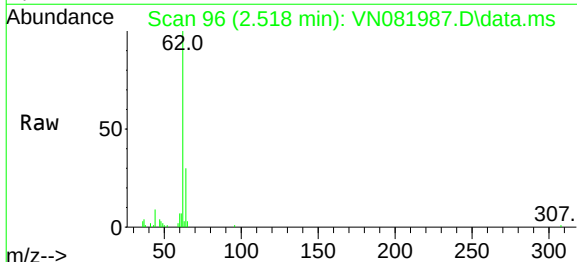
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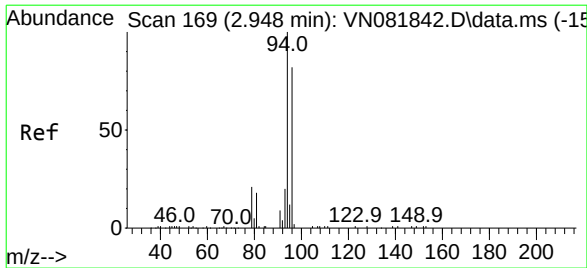
Reviewed By :John Carlone 05/06/2024
Supervised By :Semsettin Yesilyurt 05/06/2024



#4
Vinyl Chloride
Concen: 20.234 ug/l
RT: 2.518 min Scan# 96
Delta R.T. -0.000 min
Lab File: VN081987.D
Acq: 03 May 2024 13:12

Tgt Ion: 62 Resp: 46745
Ion Ratio Lower Upper
62 100
64 28.9 24.6 37.0





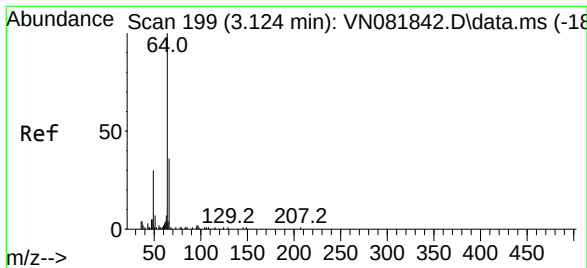
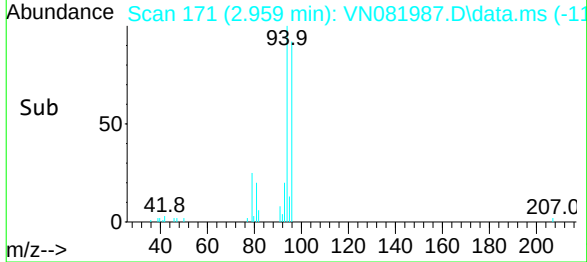
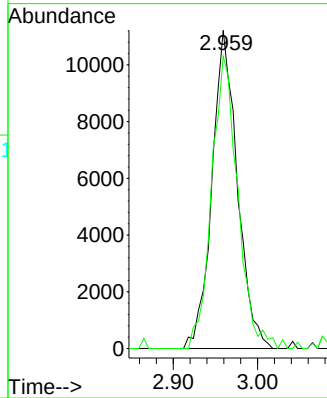
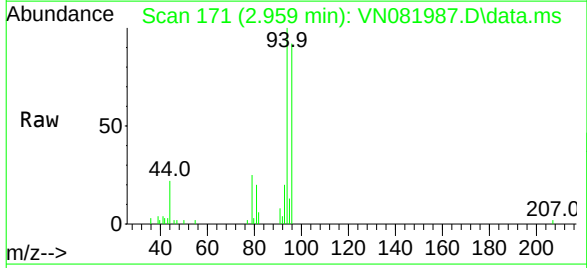
#5
Bromomethane
Concen: 20.830 ug/l
RT: 2.959 min Scan# 171
Delta R.T. 0.011 min
Lab File: VN081987.D
Acq: 03 May 2024 13:12

Instrument :
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ClientSampleId :
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Tgt Ion: 94 Resp: 23412
Ion Ratio Lower Upper
94 100
96 91.9 74.8 112.2

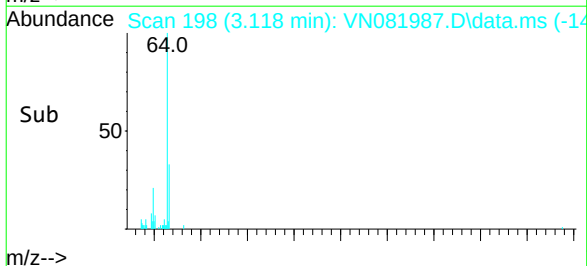
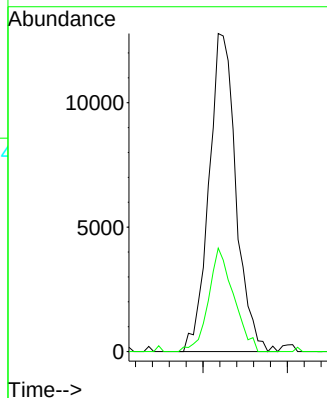
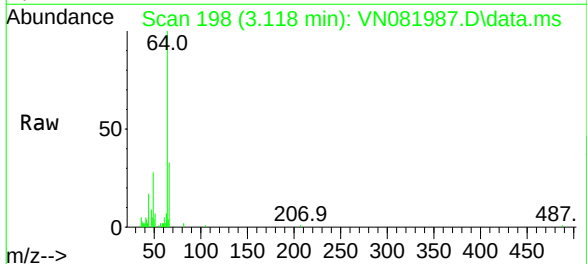
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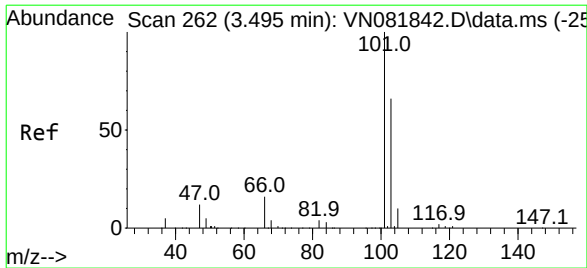
Reviewed By :John Carlone 05/06/2024
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#6
Chloroethane
Concen: 24.369 ug/l
RT: 3.118 min Scan# 198
Delta R.T. -0.006 min
Lab File: VN081987.D
Acq: 03 May 2024 13:12

Tgt Ion: 64 Resp: 28455
Ion Ratio Lower Upper
64 100
66 32.5 24.7 37.1





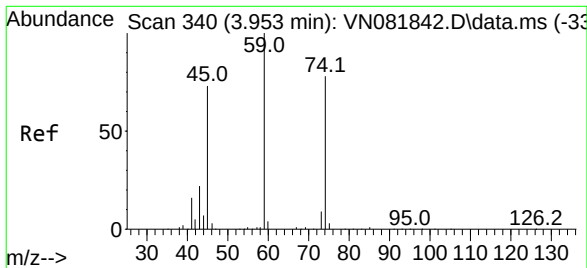
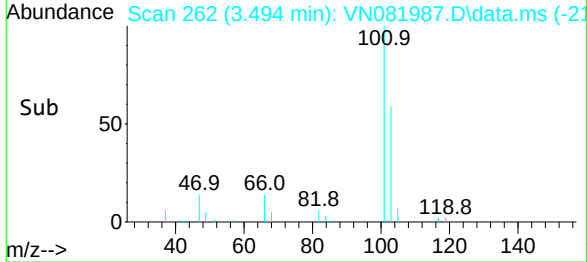
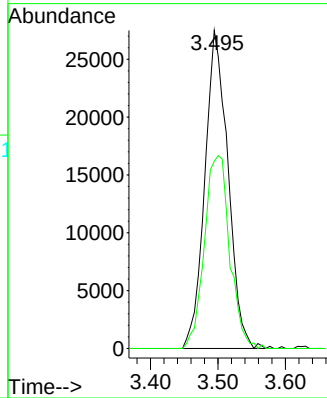
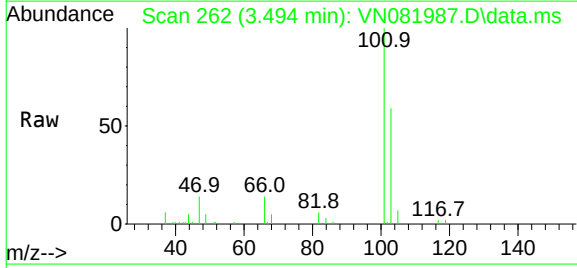
#7
Trichlorofluoromethane
Concen: 18.340 ug/l
RT: 3.494 min Scan# 262
Delta R.T. -0.000 min
Lab File: VN081987.D
Acq: 03 May 2024 13:12

Instrument :
MSVOA_N
ClientSampleId :
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Tgt Ion:101 Resp: 65542
Ion Ratio Lower Upper
101 100
103 58.8 50.6 75.8

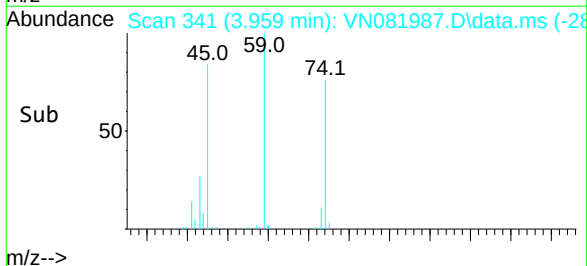
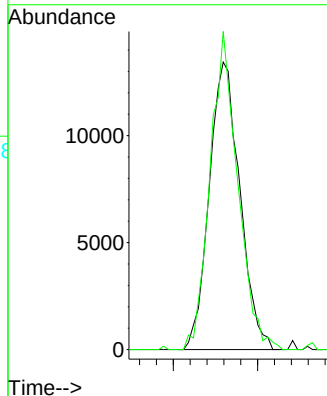
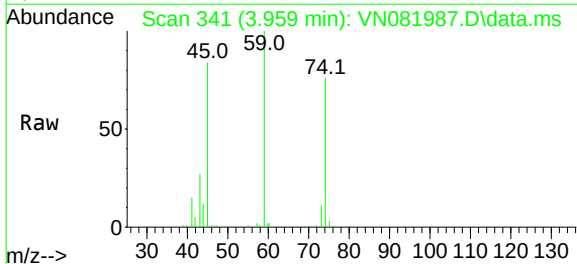
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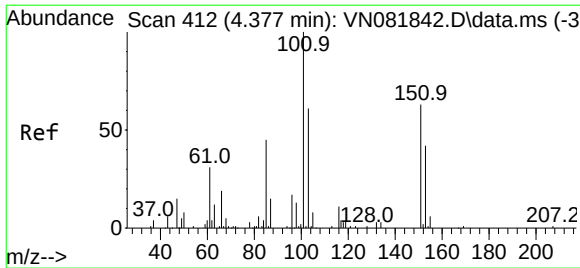
Reviewed By :John Carlone 05/06/2024
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#8
Diethyl Ether
Concen: 22.363 ug/l
RT: 3.959 min Scan# 341
Delta R.T. 0.006 min
Lab File: VN081987.D
Acq: 03 May 2024 13:12

Tgt Ion: 74 Resp: 33949
Ion Ratio Lower Upper
74 100
45 100.0 42.4 127.3





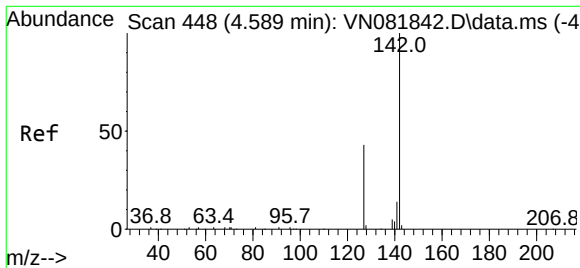
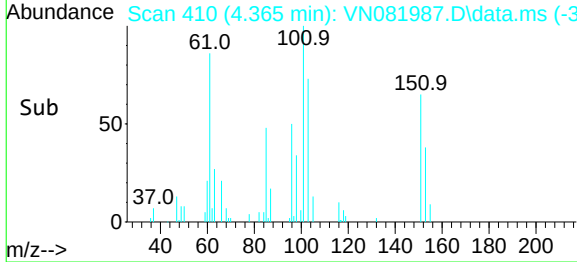
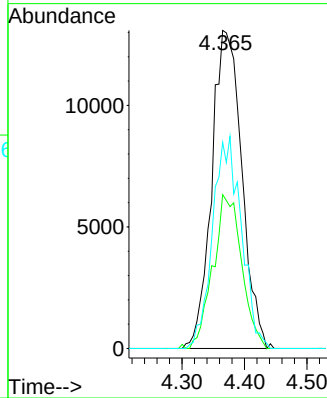
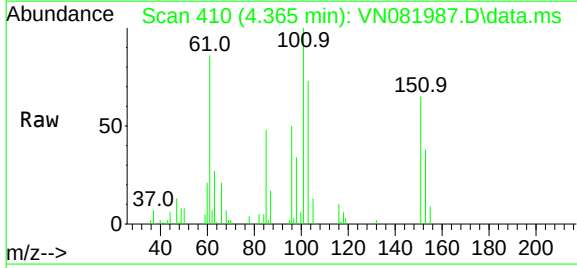
#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.076 ug/l
RT: 4.365 min Scan# 411
Delta R.T. -0.012 min
Lab File: VN081987.D
Acq: 03 May 2024 13:12

Instrument :
MSVOA_N
ClientSampleId :
VN0503WBSD01

Tgt Ion:101 Resp: 43736
Ion Ratio Lower Upper
101 100
85 46.1 37.3 55.9
151 63.7 59.2 88.8

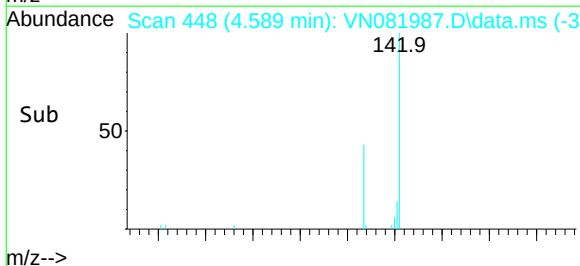
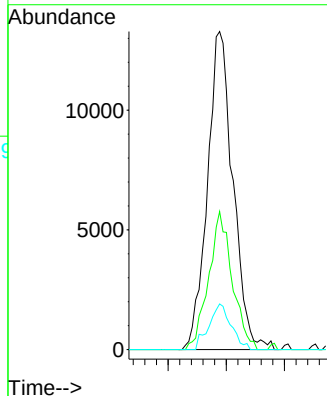
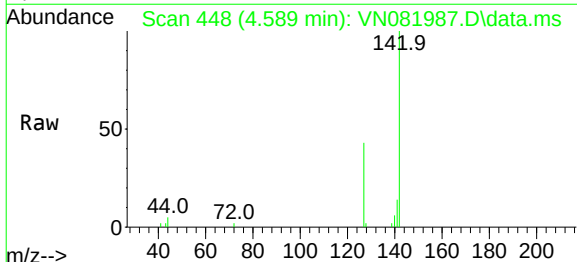
Manual Integrations
APPROVED

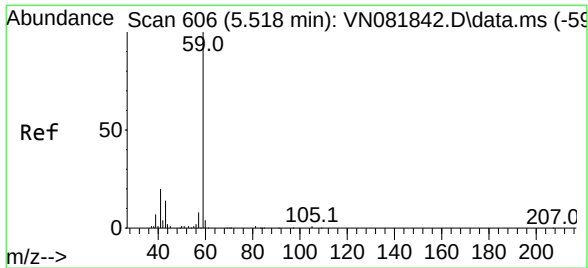
Reviewed By :John Carlone 05/06/2024
Supervised By :Semsettin Yesilyurt 05/06/2024



#10
Methyl Iodide
Concen: 22.274 ug/l
RT: 4.589 min Scan# 448
Delta R.T. -0.000 min
Lab File: VN081987.D
Acq: 03 May 2024 13:12

Tgt Ion:142 Resp: 40479
Ion Ratio Lower Upper
142 100
127 43.4 35.8 53.6
141 14.4 11.4 17.2





#11

Tert butyl alcohol

Concen: 113.143 ug/l

RT: 5.512 min Scan# 606

Delta R.T. -0.006 min

Lab File: VN081987.D

Acq: 03 May 2024 13:12

Instrument :

MSVOA_N

ClientSampleId :

VN0503WBSD01

Tgt Ion: 59 Resp: 60499

Ion Ratio Lower Upper

59 100

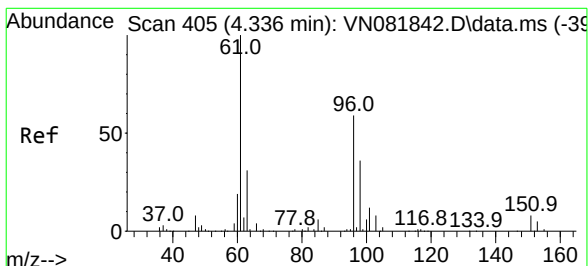
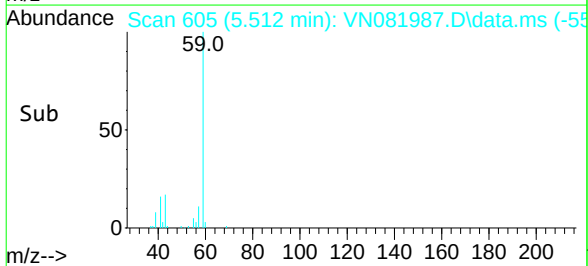
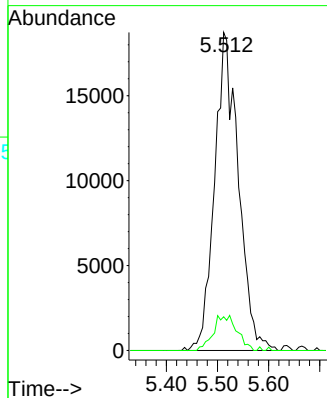
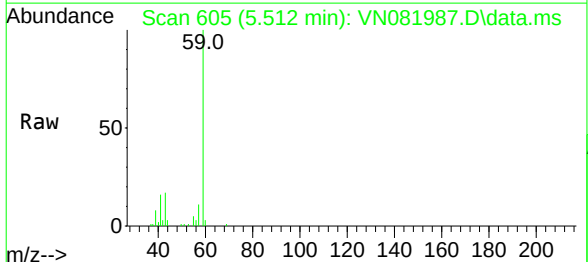
57 11.0 8.9 13.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/06/2024

Supervised By :Semsettin Yesilyurt 05/06/2024



#12

1,1-Dichloroethene

Concen: 20.614 ug/l

RT: 4.336 min Scan# 405

Delta R.T. -0.000 min

Lab File: VN081987.D

Acq: 03 May 2024 13:12

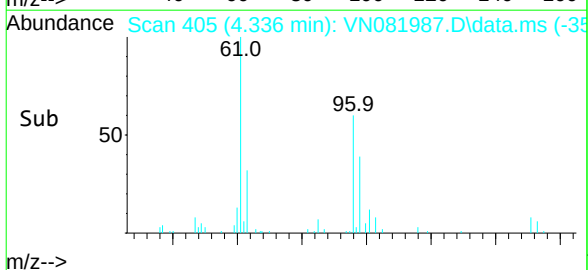
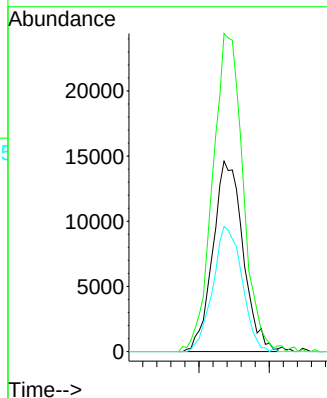
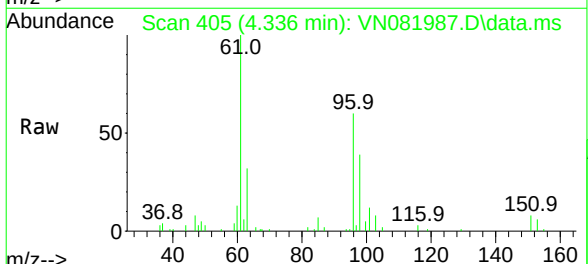
Tgt Ion: 96 Resp: 43513

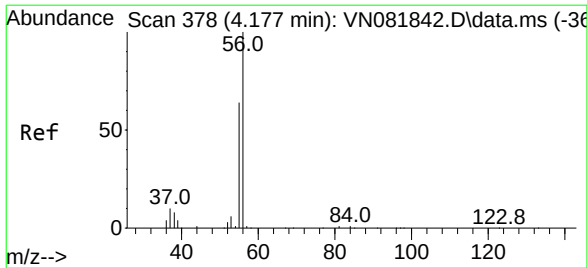
Ion Ratio Lower Upper

96 100

61 167.0 119.7 179.5

98 65.7 49.6 74.4





#13

Acrolein

Concen: 72.990 ug/l

RT: 4.177 min Scan# 378

Delta R.T. -0.000 min

Lab File: VN081987.D

Acq: 03 May 2024 13:12

Instrument :

MSVOA_N

ClientSampleId :

VN0503WBSD01

Tgt Ion: 56 Resp: 32608

Ion Ratio Lower Upper

56 100

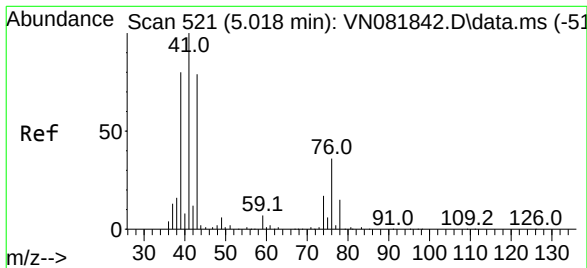
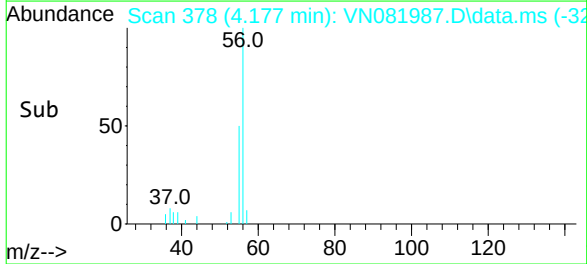
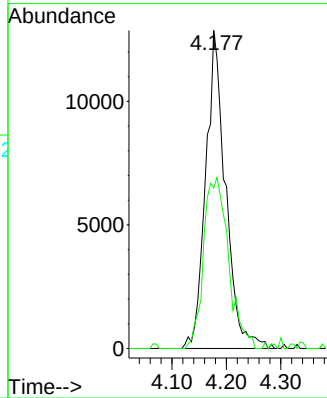
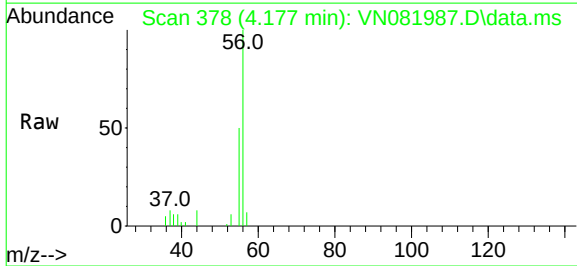
55 67.4 55.8 83.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/06/2024

Supervised By :Semsettin Yesilyurt 05/06/2024



#14

Allyl chloride

Concen: 18.474 ug/l

RT: 5.030 min Scan# 523

Delta R.T. 0.012 min

Lab File: VN081987.D

Acq: 03 May 2024 13:12

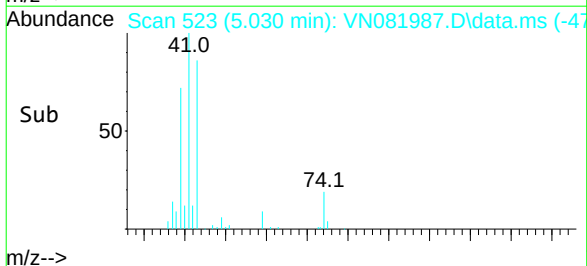
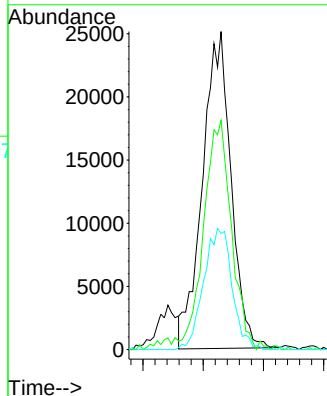
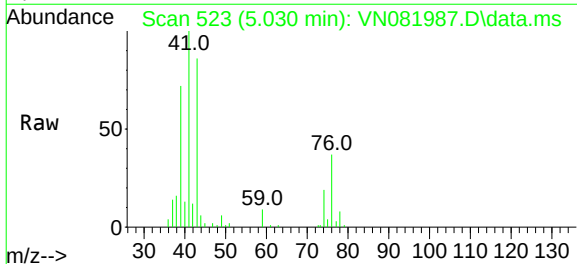
Tgt Ion: 41 Resp: 82486

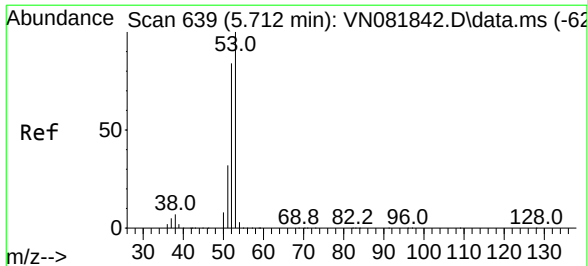
Ion Ratio Lower Upper

41 100

39 70.2 65.4 98.0

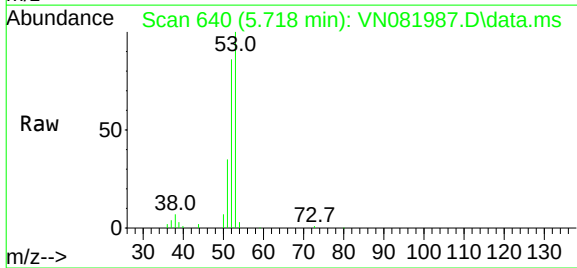
76 38.1 37.3 55.9





#15
Acrylonitrile
Concen: 117.997 ug/l
RT: 5.718 min Scan# 640
Delta R.T. 0.006 min
Lab File: VN081987.D
Acq: 03 May 2024 13:12

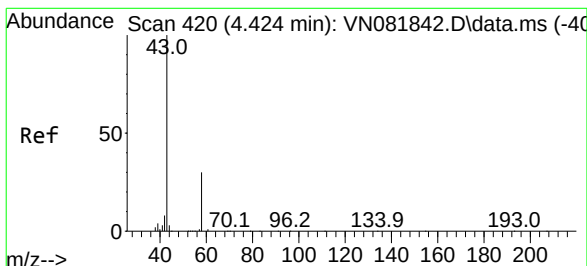
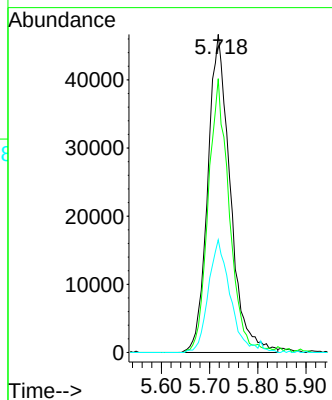
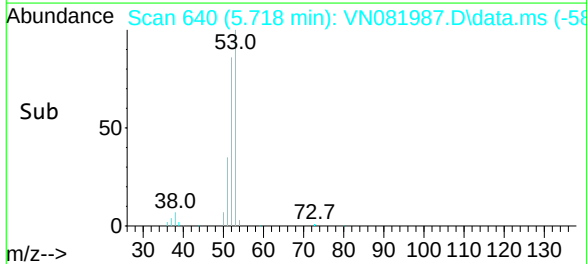
Instrument :
MSVOA_N
ClientSampleId :
VN0503WBSD01



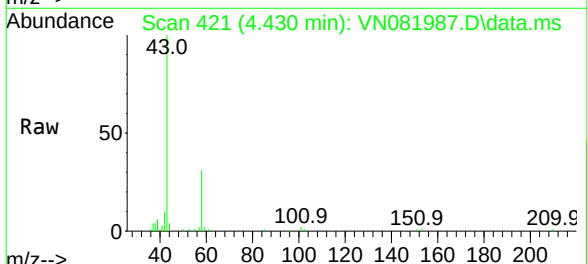
Tgt Ion: 53 Resp: 151505
Ion Ratio Lower Upper
53 100
52 80.6 66.1 99.1
51 34.1 29.4 44.2

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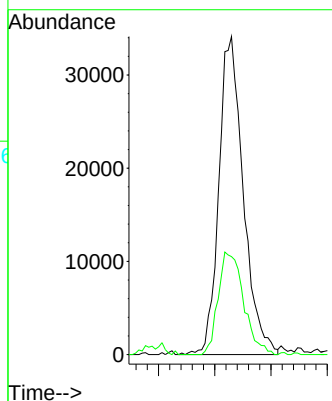
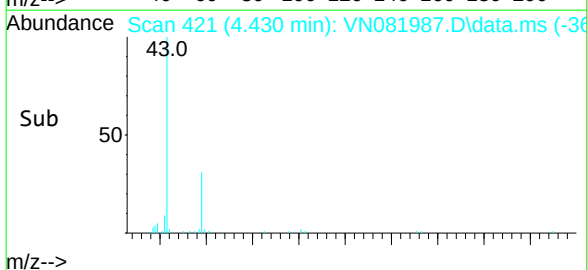
Reviewed By :John Carlone 05/06/2024
Supervised By :Semsettin Yesilyurt 05/06/2024

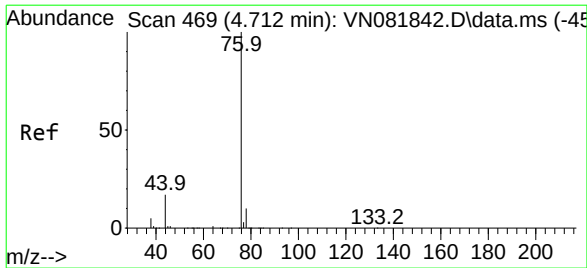


#16
Acetone
Concen: 115.486 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN081987.D
Acq: 03 May 2024 13:12



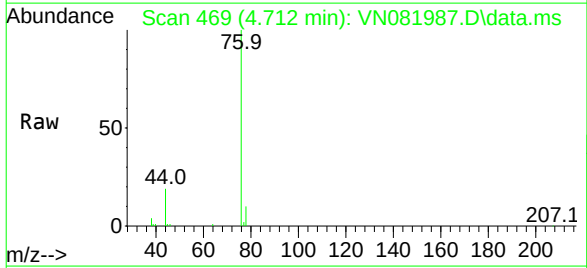
Tgt Ion: 43 Resp: 103007
Ion Ratio Lower Upper
43 100
58 30.8 25.2 37.8





#17
Carbon Disulfide
Concen: 17.582 ug/l
RT: 4.712 min Scan# 469
Delta R.T. -0.000 min
Lab File: VN081987.D
Acq: 03 May 2024 13:12

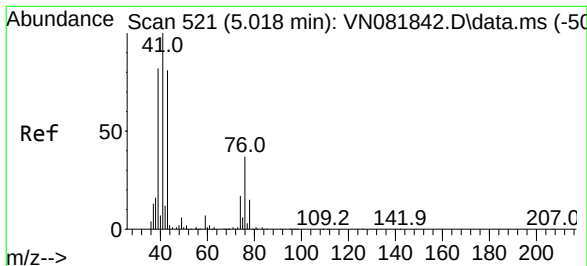
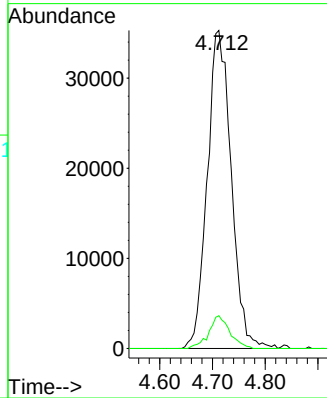
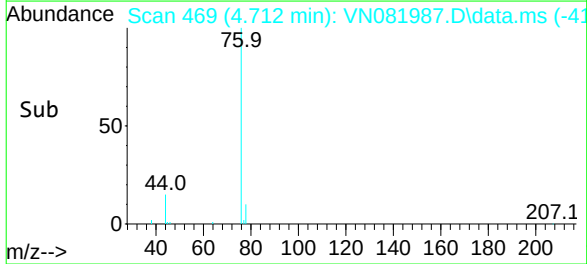
Instrument :
MSVOA_N
ClientSampleId :
VN0503WBSD01



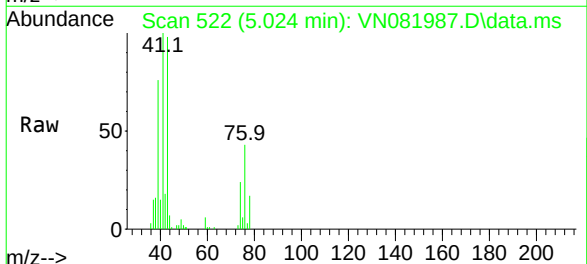
Tgt Ion: 76 Resp: 111545
Ion Ratio Lower Upper
76 100
78 10.3 7.5 11.3

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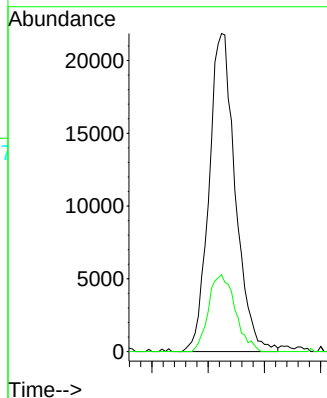
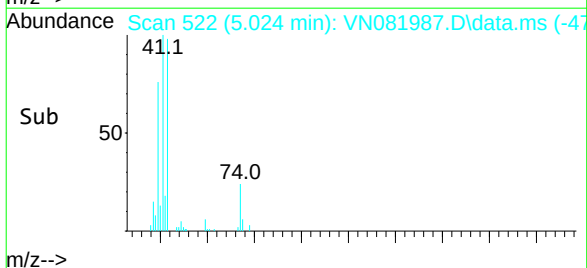
Reviewed By :John Carlone 05/06/2024
Supervised By :Semsettin Yesilyurt 05/06/2024

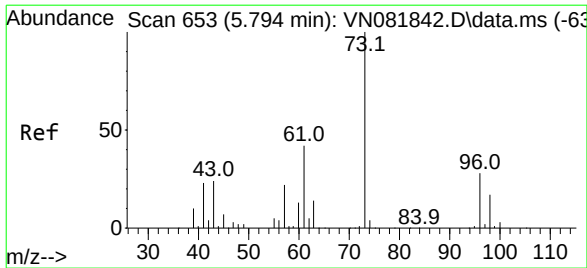


#18
Methyl Acetate
Concen: 23.815 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN081987.D
Acq: 03 May 2024 13:12



Tgt Ion: 43 Resp: 70951
Ion Ratio Lower Upper
43 100
74 24.5 22.2 33.2





#19

Methyl tert-butyl Ether

Concen: 21.917 ug/l

RT: 5.794 min Scan# 65

Delta R.T. -0.000 min

Lab File: VN081987.D

Acq: 03 May 2024 13:12

Instrument :

MSVOA_N

ClientSampleId :

VN0503WBSD01

Tgt Ion: 73 Resp: 174572

Ion Ratio Lower Upper

73 100

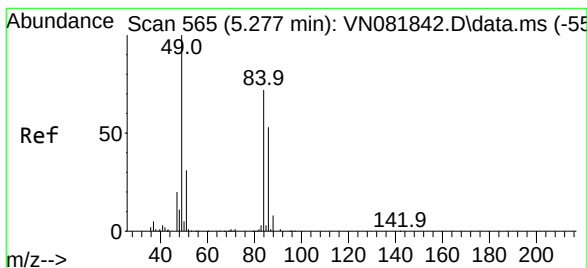
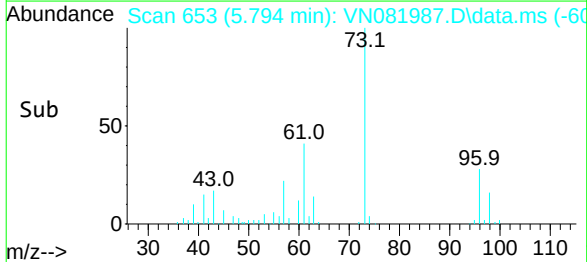
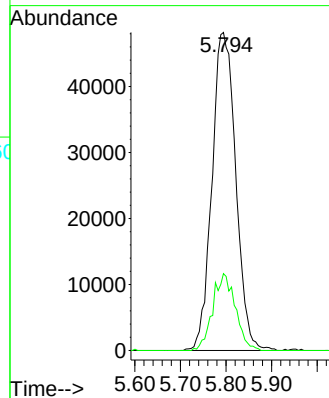
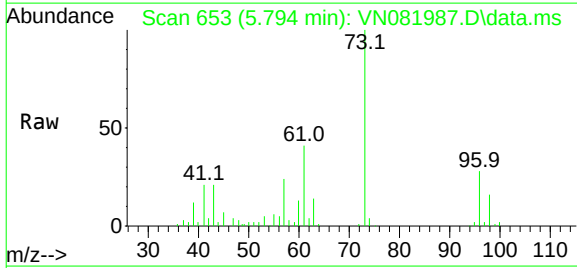
57 24.2 16.5 24.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/06/2024

Supervised By :Semsettin Yesilyurt 05/06/2024



#20

Methylene Chloride

Concen: 21.587 ug/l

RT: 5.271 min Scan# 564

Delta R.T. -0.006 min

Lab File: VN081987.D

Acq: 03 May 2024 13:12

Tgt Ion: 84 Resp: 54415

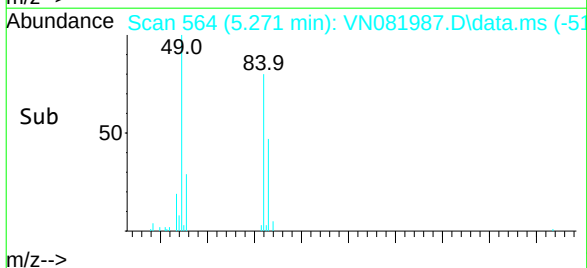
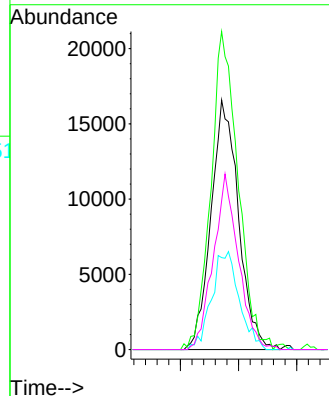
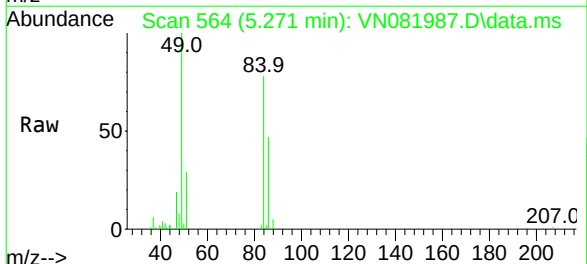
Ion Ratio Lower Upper

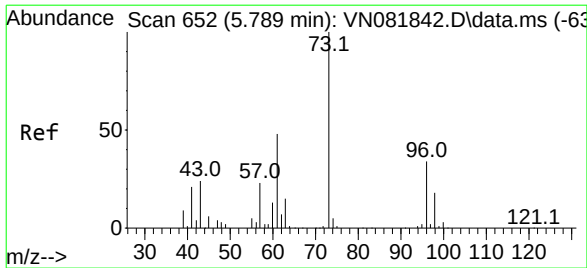
84 100

49 127.4 84.9 127.3#

51 36.9 27.0 40.6

86 59.6 52.3 78.5





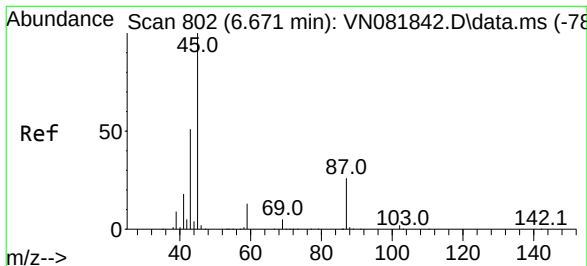
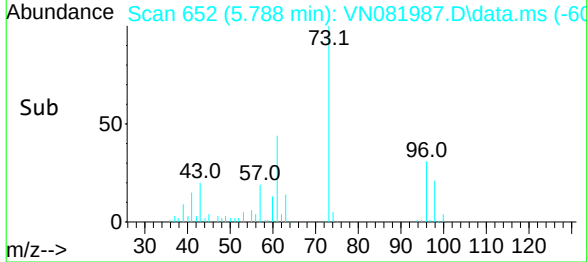
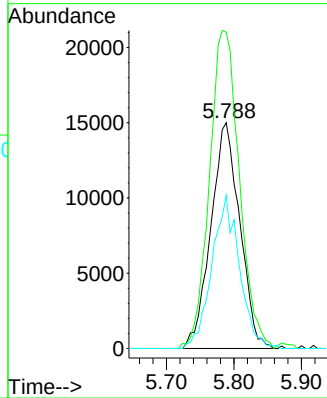
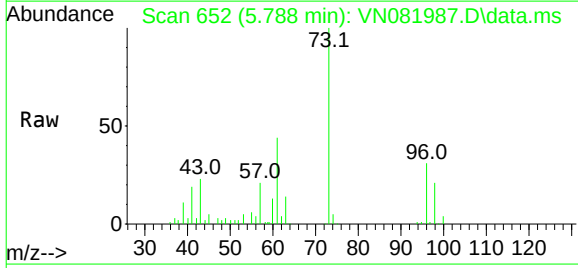
#21
trans-1,2-Dichloroethene
Concen: 19.400 ug/l
RT: 5.788 min Scan# 651
Delta R.T. -0.000 min
Lab File: VN081987.D
Acq: 03 May 2024 13:12

Instrument :
MSVOA_N
ClientSampleId :
VN0503WBSD01

Tgt Ion	Ratio	Lower	Upper
96	100		
61	140.1	96.5	144.7
98	67.8	51.3	76.9

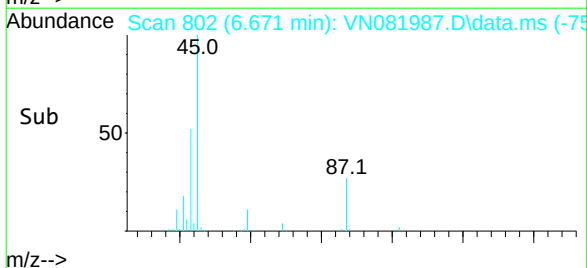
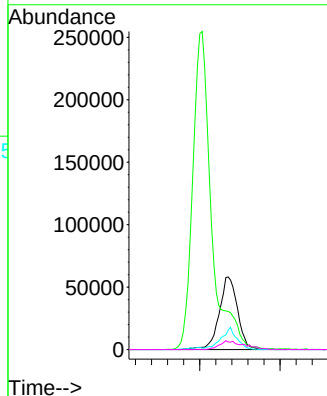
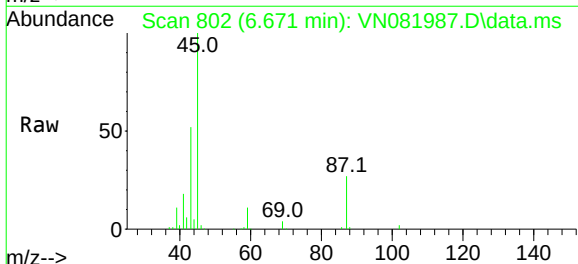
Manual Integrations
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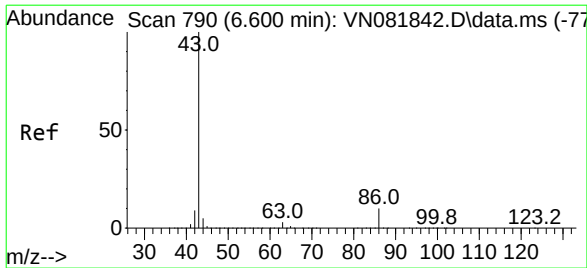
Reviewed By :John Carlone 05/06/2024
Supervised By :Semsettin Yesilyurt 05/06/2024



#22
Diisopropyl ether
Concen: 21.382 ug/l
RT: 6.671 min Scan# 802
Delta R.T. -0.000 min
Lab File: VN081987.D
Acq: 03 May 2024 13:12

Tgt Ion	Ratio	Lower	Upper
45	100		
43	51.7	44.1	66.1
87	26.6	27.0	40.6#
59	10.6	9.6	14.4





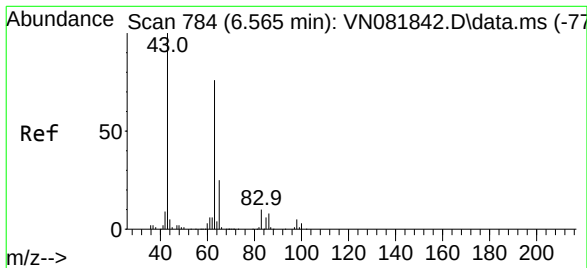
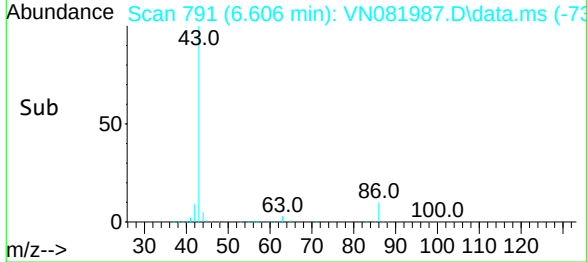
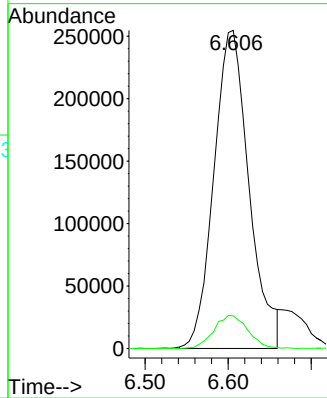
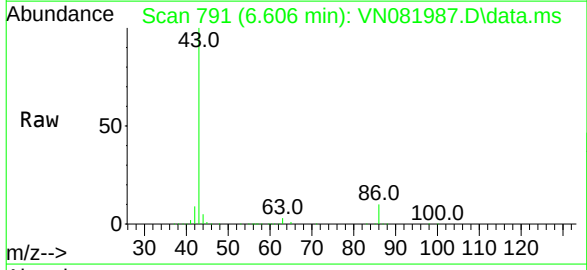
#23
Vinyl Acetate
Concen: 106.626 ug/l m
RT: 6.606 min Scan# 791
Delta R.T. 0.006 min
Lab File: VN081987.D
Acq: 03 May 2024 13:12

Instrument :
MSVOA_N
ClientSampleId :
VN0503WBSD01

Tgt Ion: 43 Resp: 748518
Ion Ratio Lower Upper
43 100
86 10.3 10.2 15.4

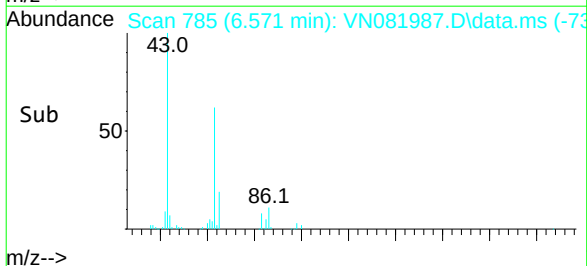
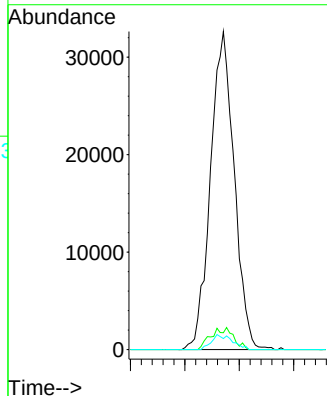
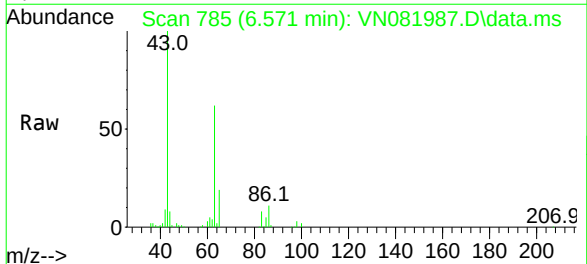
Manual Integrations
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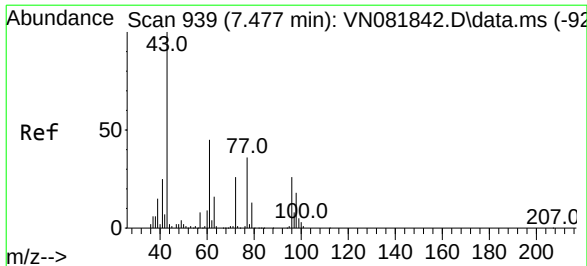
Reviewed By :John Carlone 05/06/2024
Supervised By :Semsettin Yesilyurt 05/06/2024



#24
1,1-Dichloroethane
Concen: 21.998 ug/l
RT: 6.571 min Scan# 785
Delta R.T. 0.006 min
Lab File: VN081987.D
Acq: 03 May 2024 13:12

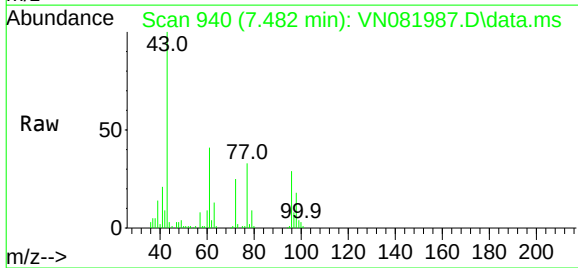
Tgt Ion: 63 Resp: 98926
Ion Ratio Lower Upper
63 100
98 5.3 3.6 10.9
100 3.5 2.6 7.8





#25
2-Butanone
Concen: 114.859 ug/l
RT: 7.482 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN081987.D
Acq: 03 May 2024 13:12

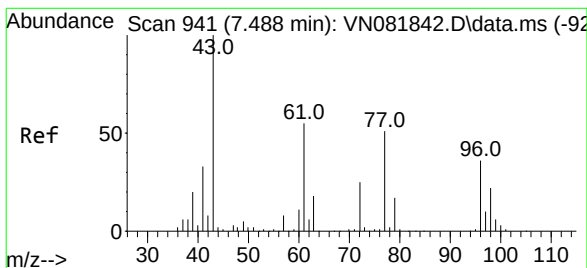
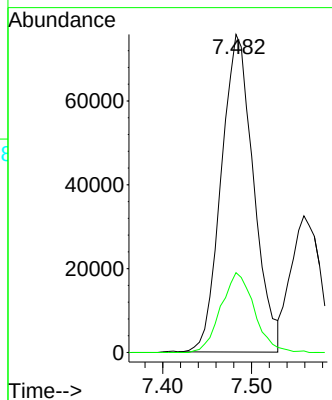
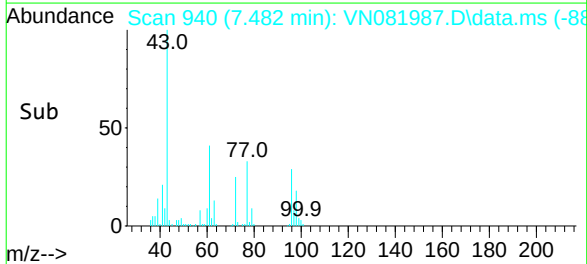
Instrument :
MSVOA_N
ClientSampleId :
VN0503WBSD01



Tgt Ion: 43 Resp: 191750
Ion Ratio Lower Upper
43 100
72 25.2 25.3 37.9#

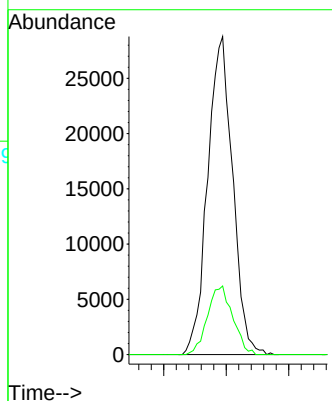
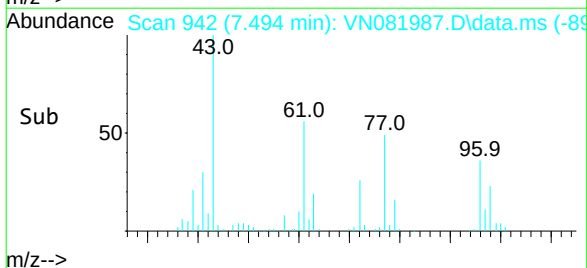
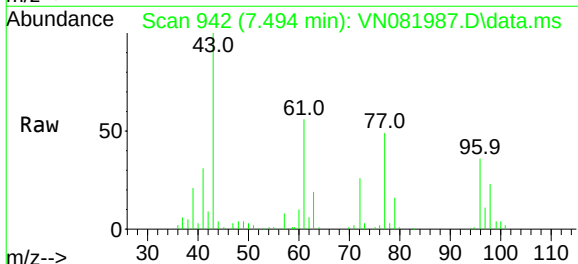
Manual Integrations
APPROVED

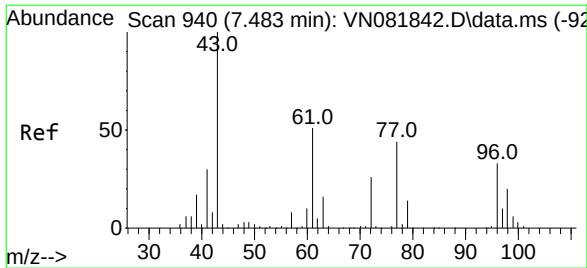
Reviewed By :John Carlone 05/06/2024
Supervised By :Semsettin Yesilyurt 05/06/2024



#26
2,2-Dichloropropane
Concen: 19.342 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.006 min
Lab File: VN081987.D
Acq: 03 May 2024 13:12

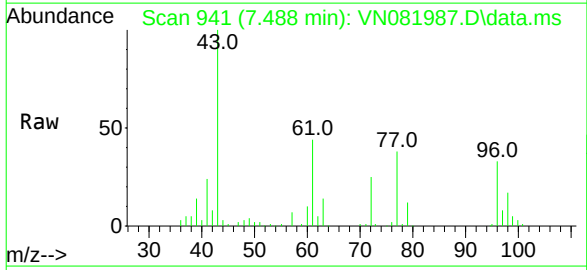
Tgt Ion: 77 Resp: 80014
Ion Ratio Lower Upper
77 100
97 21.7 11.3 33.9





#27
cis-1,2-Dichloroethene
Concen: 22.382 ug/l
RT: 7.488 min Scan# 940
Delta R.T. 0.006 min
Lab File: VN081987.D
Acq: 03 May 2024 13:12

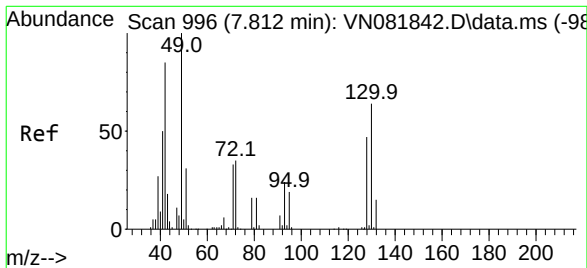
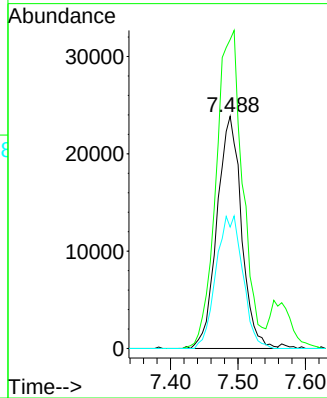
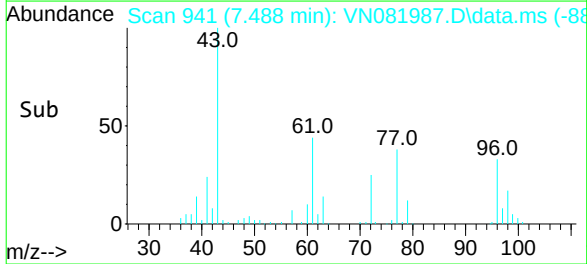
Instrument :
MSVOA_N
ClientSampleId :
VN0503WBSD01



Tgt Ion: 96 Resp: 60194
Ion Ratio Lower Upper
96 100
61 149.5 0.0 268.0
98 62.5 0.0 126.8

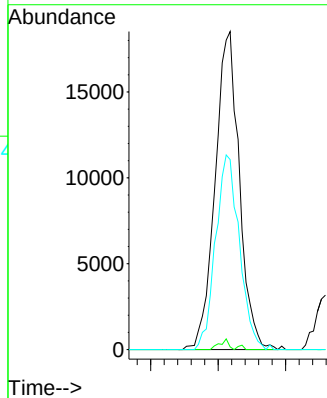
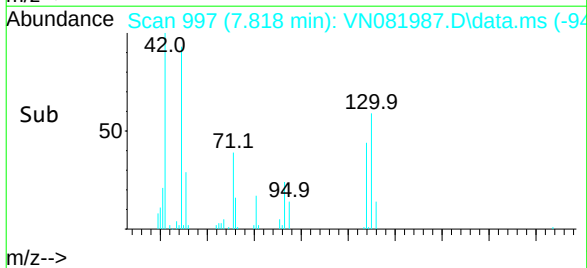
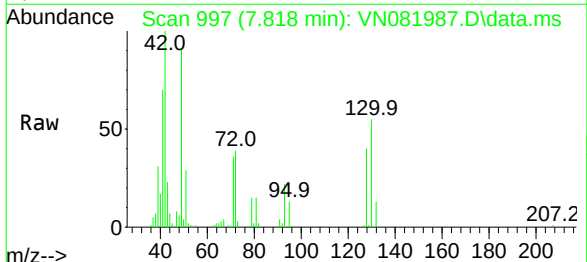
Manual Integrations
APPROVED

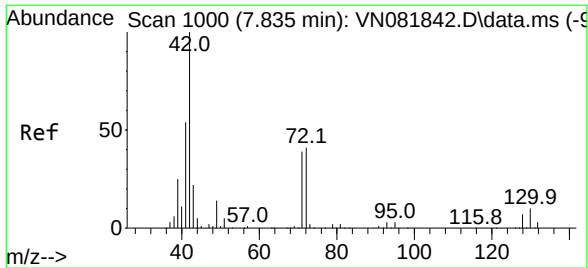
Reviewed By :John Carlone 05/06/2024
Supervised By :Semsettin Yesilyurt 05/06/2024



#28
Bromochloromethane
Concen: 21.589 ug/l
RT: 7.818 min Scan# 997
Delta R.T. 0.006 min
Lab File: VN081987.D
Acq: 03 May 2024 13:12

Tgt Ion: 49 Resp: 46142
Ion Ratio Lower Upper
49 100
129 1.3 0.0 4.6
130 60.2 66.7 100.1#





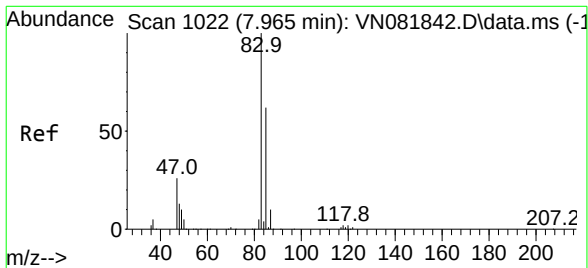
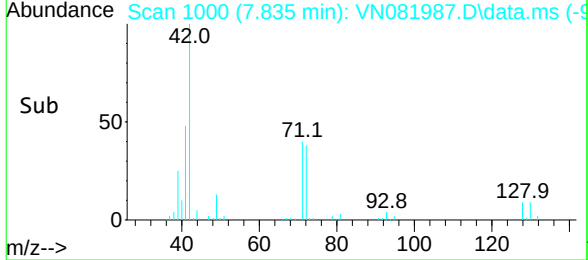
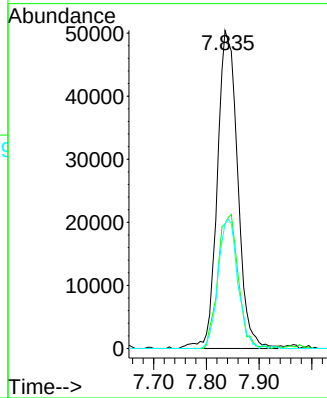
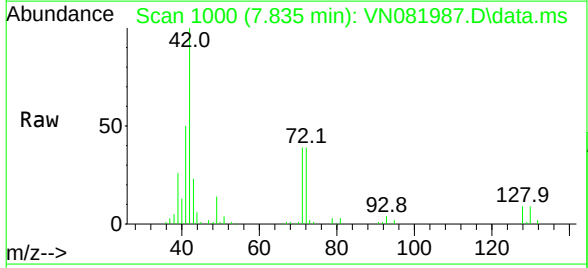
#29
Tetrahydrofuran
Concen: 112.818 ug/l
RT: 7.835 min Scan# 1000
Delta R.T. -0.000 min
Lab File: VN081987.D
Acq: 03 May 2024 13:12

Instrument :
MSVOA_N
ClientSampleId :
VN0503WBSD01

Tgt Ion	Ratio	Lower	Upper
42	100		
72	42.2	39.3	58.9
71	39.4	37.4	56.0

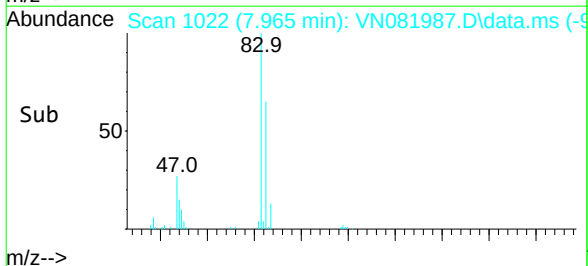
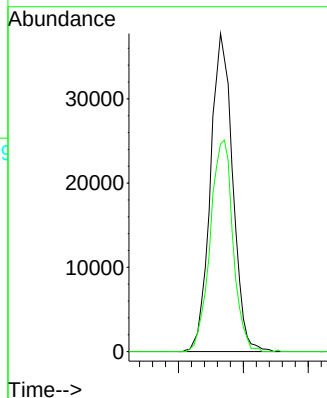
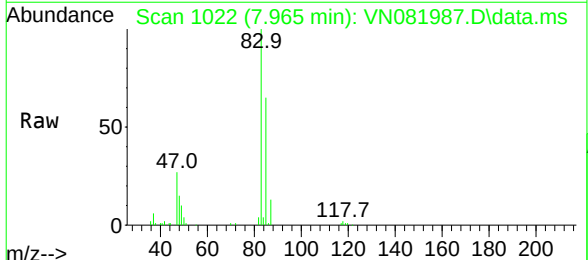
Manual Integrations
APPROVED

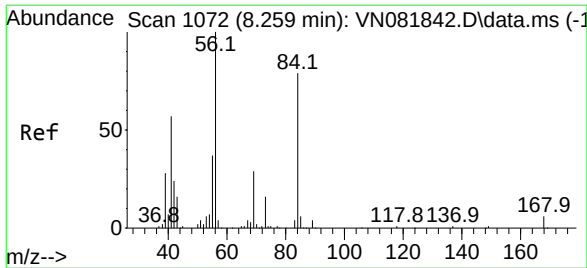
Reviewed By :John Carlone 05/06/2024
Supervised By :Semsettin Yesilyurt 05/06/2024



#30
Chloroform
Concen: 20.166 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. -0.000 min
Lab File: VN081987.D
Acq: 03 May 2024 13:12

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.3	50.7	76.1





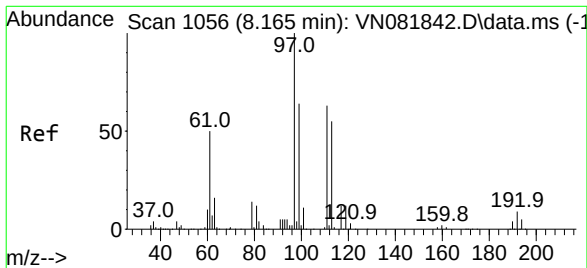
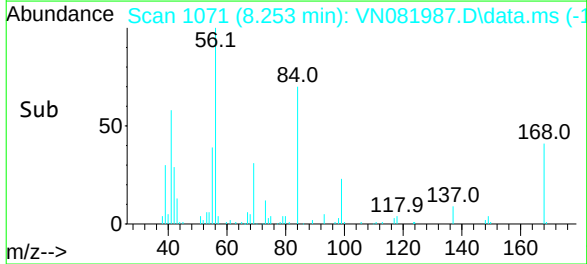
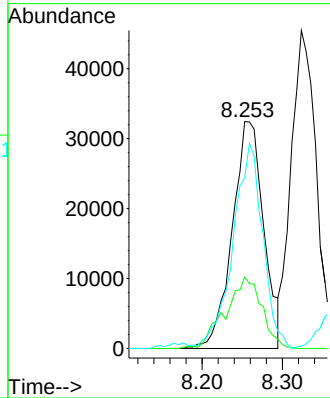
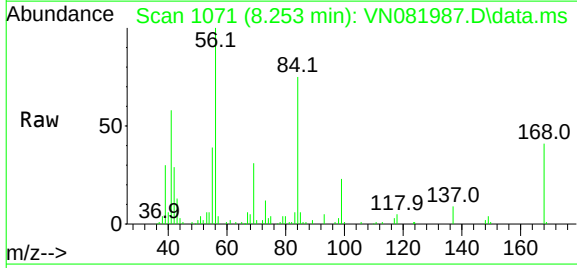
#31
Cyclohexane
Concen: 19.888 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. -0.006 min
Lab File: VN081987.D
Acq: 03 May 2024 13:12

Instrument :
MSVOA_N
ClientSampleId :
VN0503WBSD01

Tgt Ion:	56	Resp:	88124
Ion	Ratio	Lower	Upper
56	100		
69	31.4	24.4	36.6
84	73.5	77.0	115.4

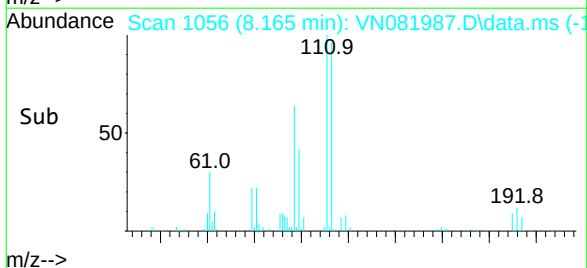
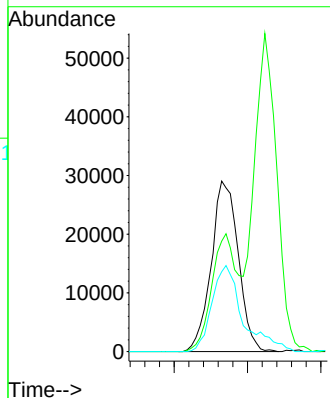
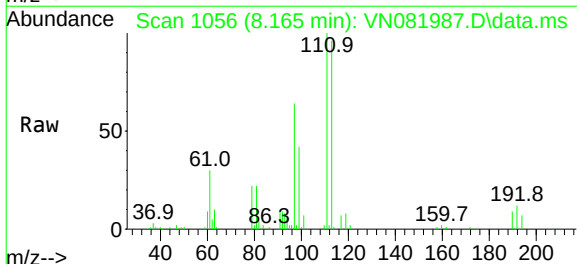
Manual Integrations
APPROVED

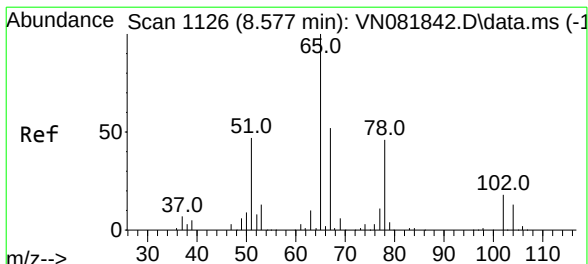
Reviewed By :John Carlone 05/06/2024
Supervised By :Semsettin Yesilyurt 05/06/2024



#32
1,1,1-Trichloroethane
Concen: 18.733 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN081987.D
Acq: 03 May 2024 13:12

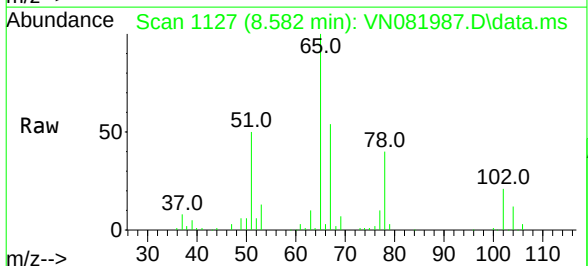
Tgt Ion:	97	Resp:	74464
Ion	Ratio	Lower	Upper
97	100		
99	67.8	50.3	75.5
61	57.4	36.6	55.0





#33
1,2-Dichloroethane-d4
Concen: 50.962 ug/l
RT: 8.582 min Scan# 1126
Delta R.T. 0.006 min
Lab File: VN081987.D
Acq: 03 May 2024 13:12

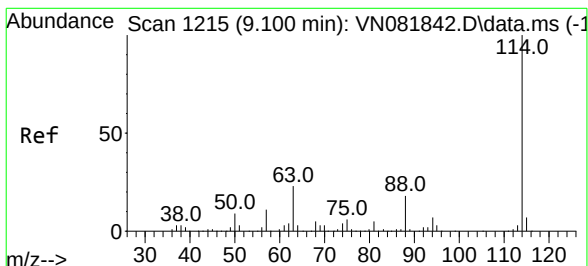
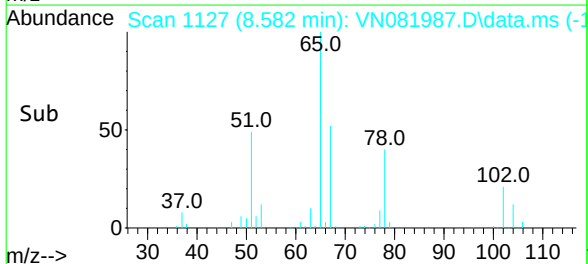
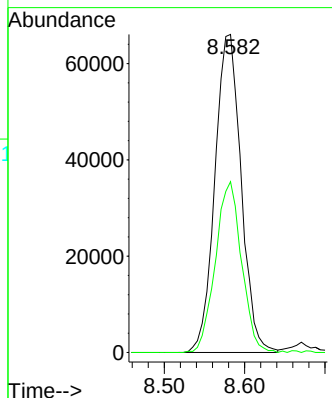
Instrument :
MSVOA_N
ClientSampleId :
VN0503WBSD01



Tgt Ion: 65 Resp: 149896
Ion Ratio Lower Upper
65 100
67 53.3 0.0 103.0

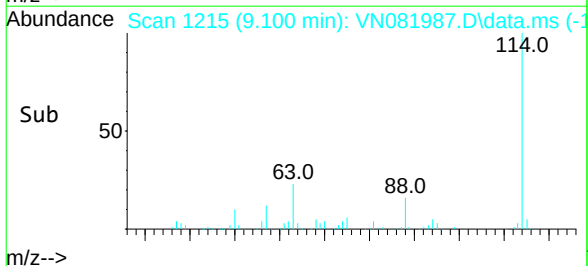
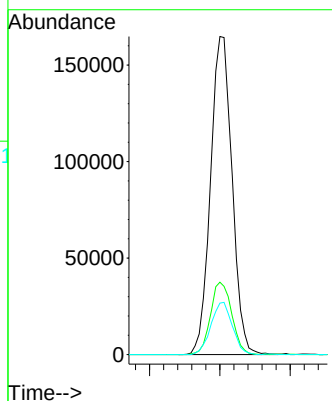
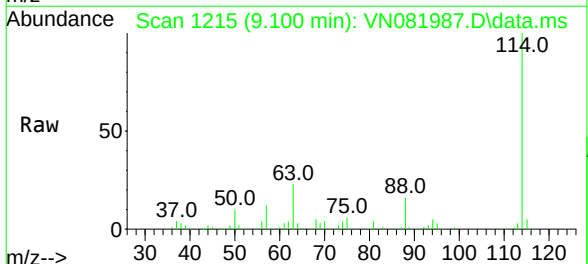
Manual Integrations
APPROVED

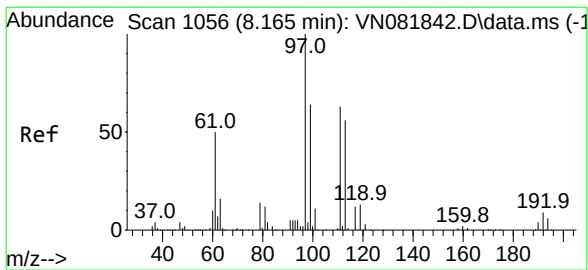
Reviewed By :John Carlone 05/06/2024
Supervised By :Semsettin Yesilyurt 05/06/2024



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. -0.000 min
Lab File: VN081987.D
Acq: 03 May 2024 13:12

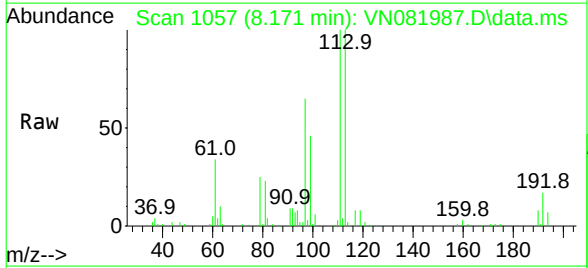
Tgt Ion:114 Resp: 351710
Ion Ratio Lower Upper
114 100
63 22.8 0.0 41.0
88 16.2 0.0 31.4





#35
Dibromofluoromethane
Concen: 50.689 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN081987.D
Acq: 03 May 2024 13:12

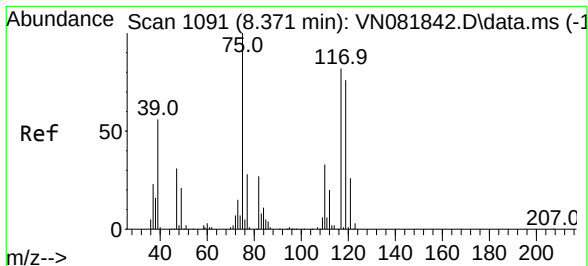
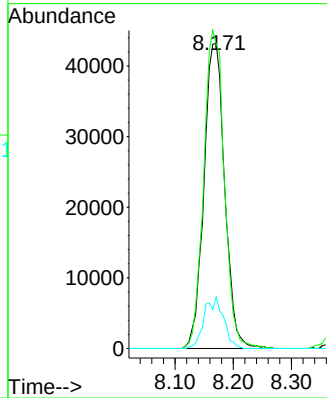
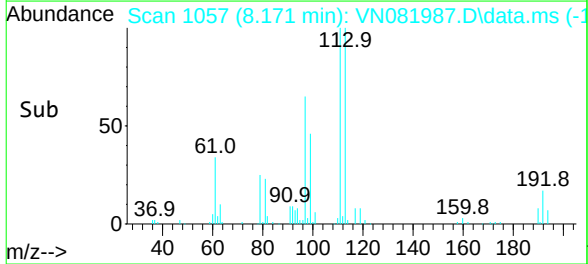
Instrument :
MSVOA_N
ClientSampleId :
VN0503WBSD01



Tgt Ion: 113 Resp: 107339
Ion Ratio Lower Upper
113 100
111 103.4 83.4 125.2
192 8.1 14.0 21.0

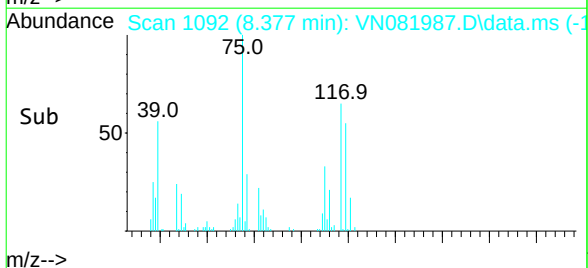
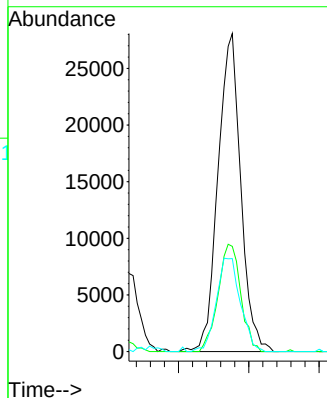
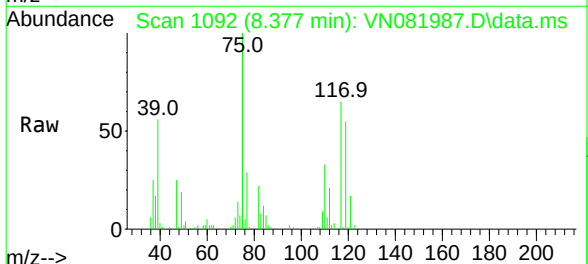
Manual Integrations
APPROVED

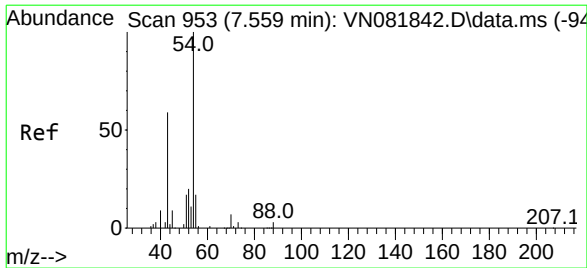
Reviewed By : John Carlone 05/06/2024
Supervised By : Semsettin Yesilyurt 05/06/2024



#36
1,1-Dichloropropene
Concen: 18.360 ug/l
RT: 8.377 min Scan# 1092
Delta R.T. 0.006 min
Lab File: VN081987.D
Acq: 03 May 2024 13:12

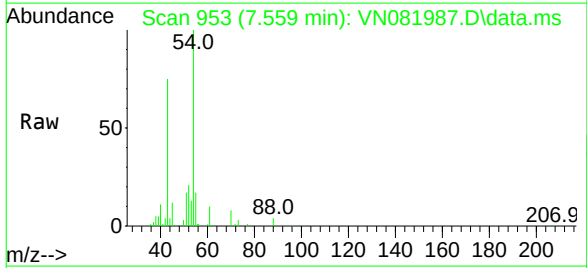
Tgt Ion: 75 Resp: 63253
Ion Ratio Lower Upper
75 100
110 33.6 17.8 53.5
77 31.0 25.0 37.4





#37
Ethyl Acetate
Concen: 21.668 ug/l
RT: 7.559 min Scan# 953
Delta R.T. -0.000 min
Lab File: VN081987.D
Acq: 03 May 2024 13:12

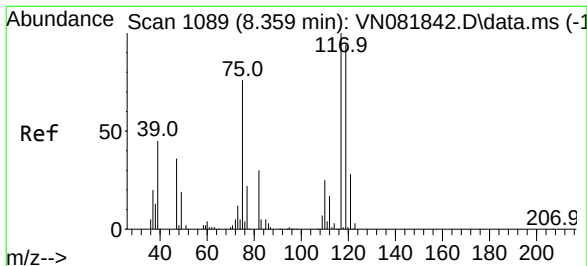
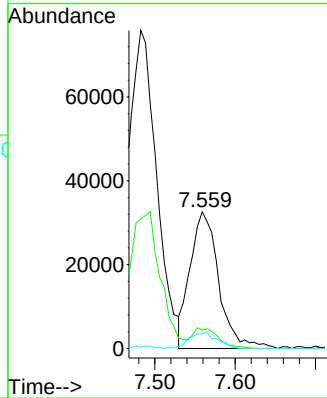
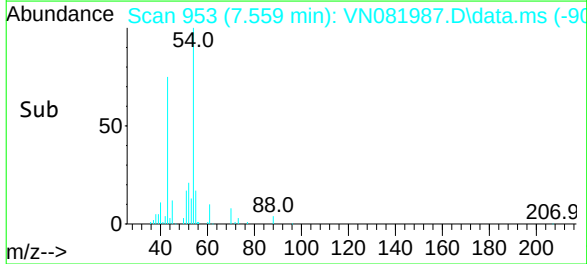
Instrument :
MSVOA_N
ClientSampleId :
VN0503WBSD01



Tgt Ion: 43 Resp: 80710
Ion Ratio Lower Upper
43 100
61 13.0 11.3 16.9
70 11.4 8.7 13.1

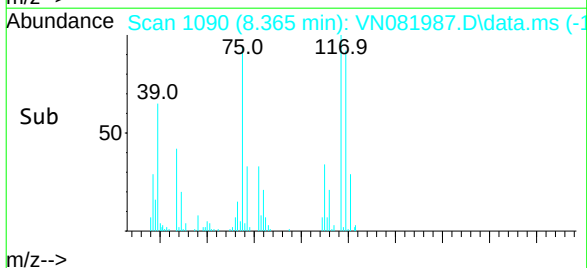
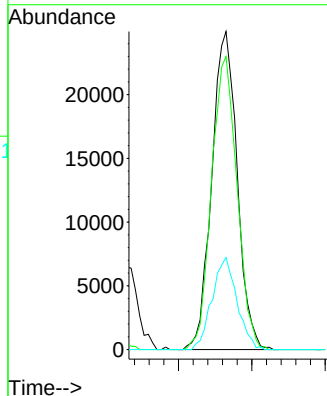
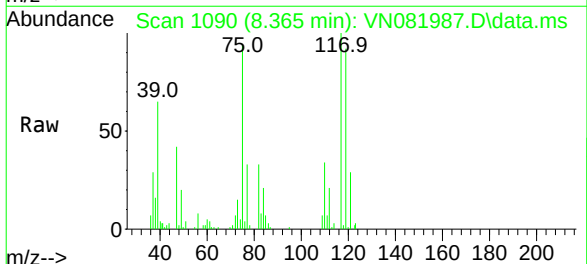
Manual Integrations
APPROVED

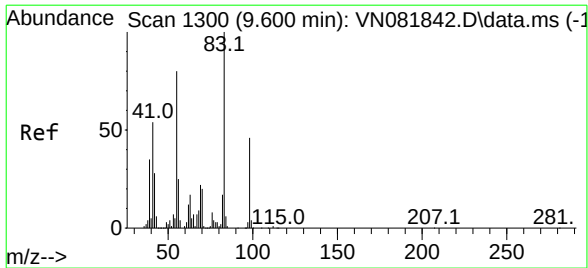
Reviewed By :John Carlone 05/06/2024
Supervised By :Semsettin Yesilyurt 05/06/2024



#38
Carbon Tetrachloride
Concen: 17.813 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VN081987.D
Acq: 03 May 2024 13:12

Tgt Ion:117 Resp: 59976
Ion Ratio Lower Upper
117 100
119 92.1 76.5 114.7
121 29.0 23.9 35.9





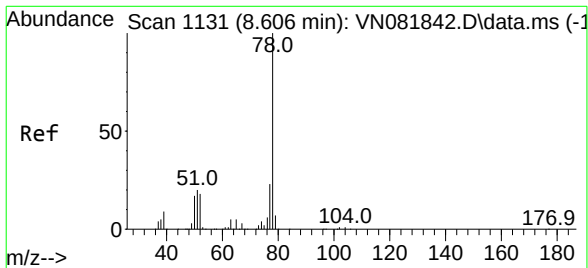
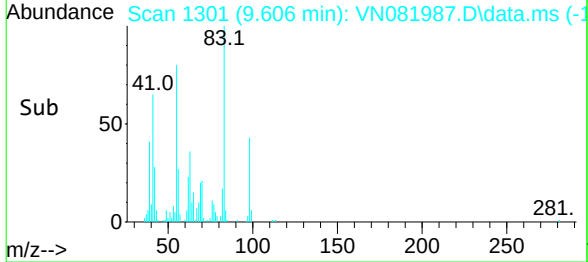
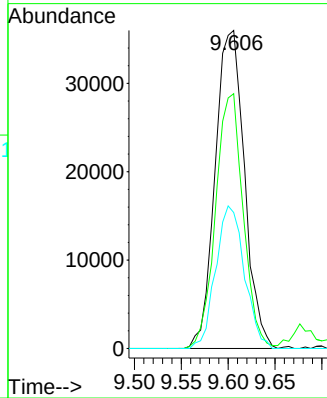
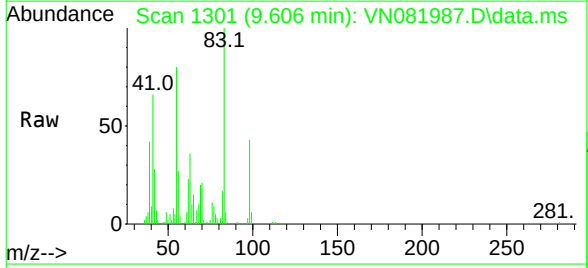
#39
Methylcyclohexane
Concen: 18.724 ug/l
RT: 9.606 min Scan# 1300
Delta R.T. 0.006 min
Lab File: VN081987.D
Acq: 03 May 2024 13:12

Instrument :
MSVOA_N
ClientSampleId :
VN0503WBSD01

Tgt Ion	Ratio	Lower	Upper
83	100		
55	80.1	53.0	79.6
98	42.8	37.1	55.7

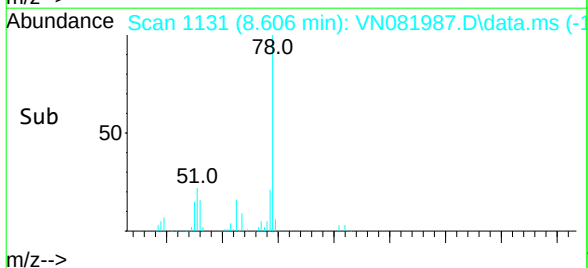
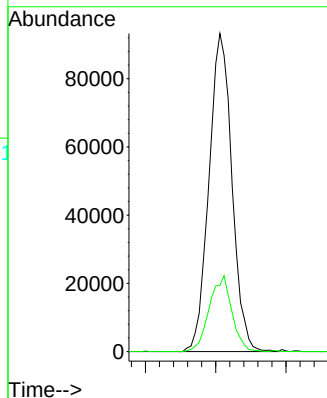
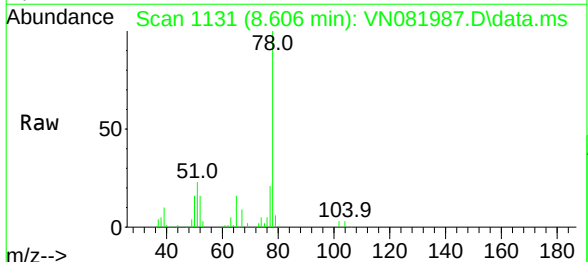
Manual Integrations
APPROVED

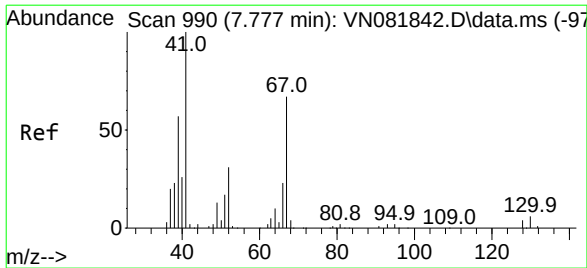
Reviewed By :John Carlone 05/06/2024
Supervised By :Semsettin Yesilyurt 05/06/2024



#40
Benzene
Concen: 20.479 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VN081987.D
Acq: 03 May 2024 13:12

Tgt Ion	Ratio	Lower	Upper
78	100		
77	20.9	20.0	30.0





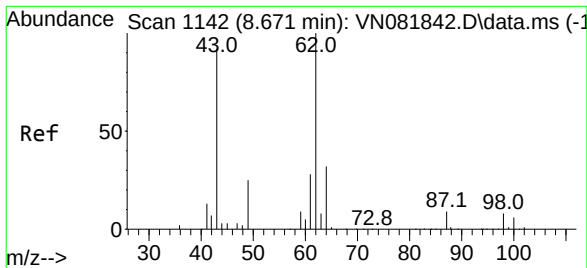
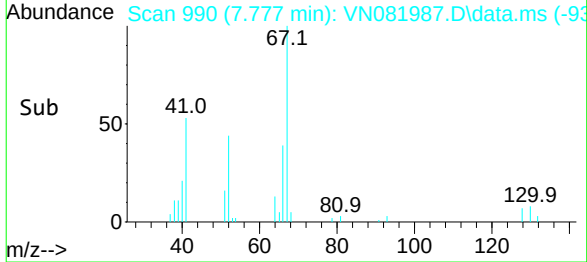
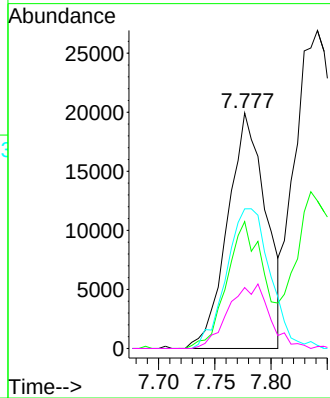
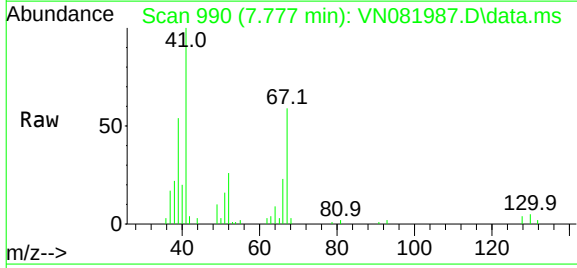
#41
Methacrylonitrile
Concen: 19.806 ug/l
RT: 7.777 min Scan# 990
Delta R.T. -0.000 min
Lab File: VN081987.D
Acq: 03 May 2024 13:12

Instrument :
MSVOA_N
ClientSampleId :
VN0503WBSD01

Tgt Ion:	41	Resp:	47074
Ion	Ratio	Lower	Upper
41	100		
39	52.7	46.6	69.8
67	67.9	67.3	100.9
52	29.4	27.3	40.9

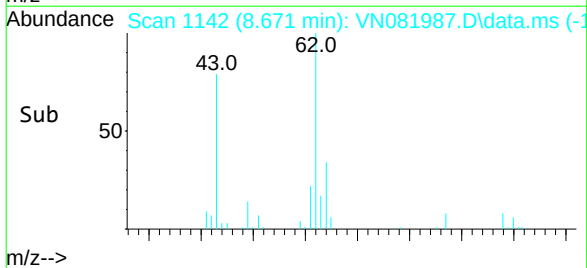
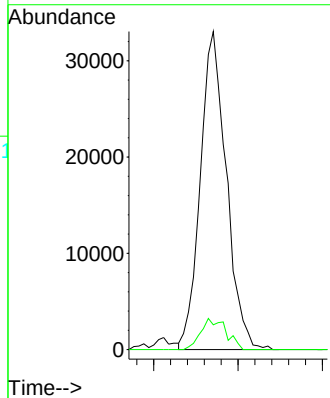
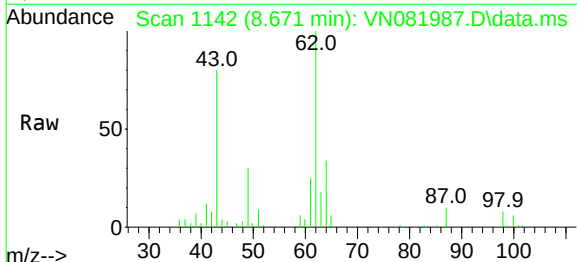
Manual Integrations
APPROVED

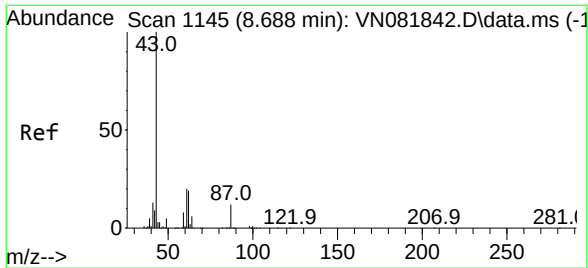
Reviewed By :John Carlone 05/06/2024
Supervised By :Semsettin Yesilyurt 05/06/2024



#42
1,2-Dichloroethane
Concen: 18.461 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN081987.D
Acq: 03 May 2024 13:12

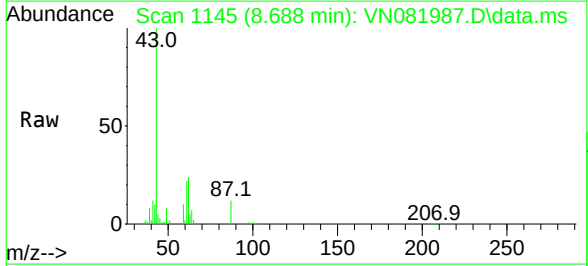
Tgt Ion:	62	Resp:	70895
Ion	Ratio	Lower	Upper
62	100		
98	9.5	0.0	19.6





#43
Isopropyl Acetate
Concen: 20.351 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VN081987.D
Acq: 03 May 2024 13:12

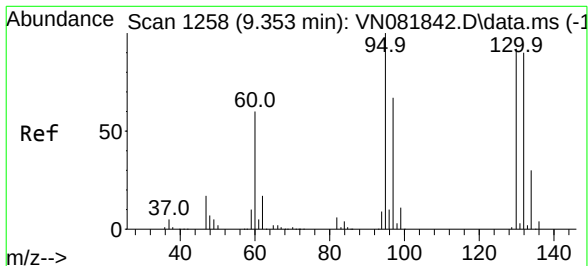
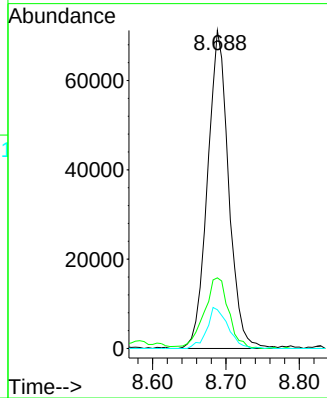
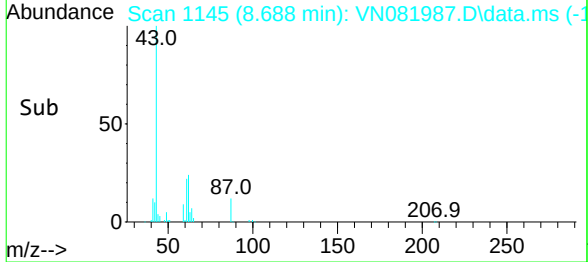
Instrument :
MSVOA_N
ClientSampleId :
VN0503WBSD01



Tgt Ion: 43 Resp: 142535
Ion Ratio Lower Upper
43 100
61 25.7 22.8 34.2
87 12.8 12.0 18.0

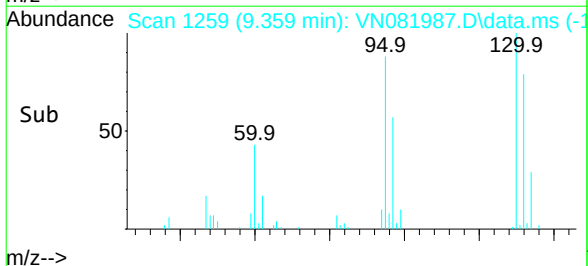
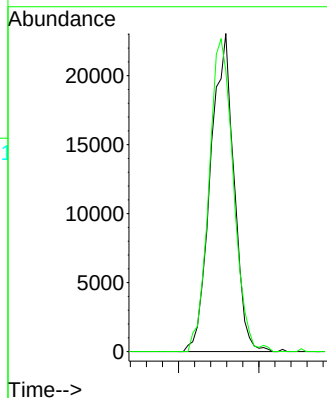
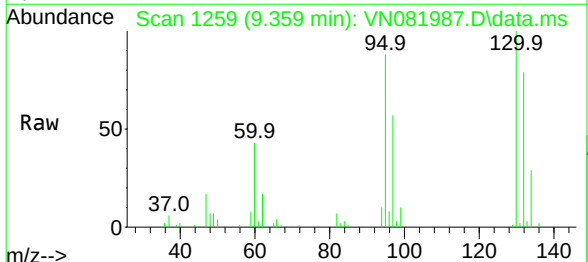
Manual Integrations
APPROVED

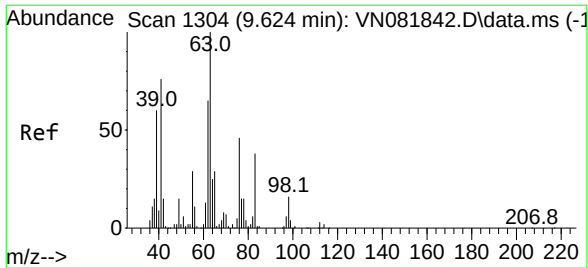
Reviewed By :John Carlone 05/06/2024
Supervised By :Semsettin Yesilyurt 05/06/2024



#44
Trichloroethene
Concen: 19.534 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. 0.006 min
Lab File: VN081987.D
Acq: 03 May 2024 13:12

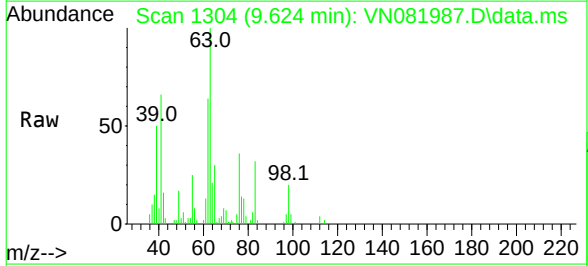
Tgt Ion:130 Resp: 46576
Ion Ratio Lower Upper
130 100
95 88.3 0.0 195.4





#45
1,2-Dichloropropane
Concen: 21.333 ug/l
RT: 9.624 min Scan# 1318
Delta R.T. -0.000 min
Lab File: VN081987.D
Acq: 03 May 2024 13:12

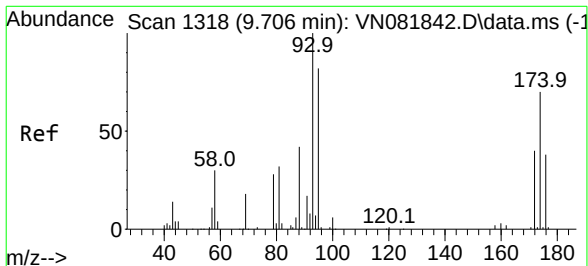
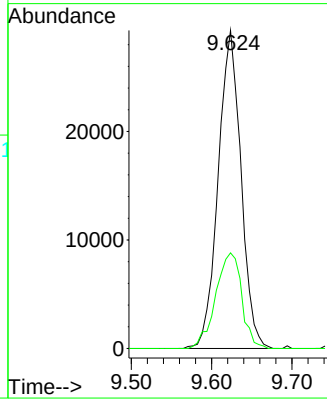
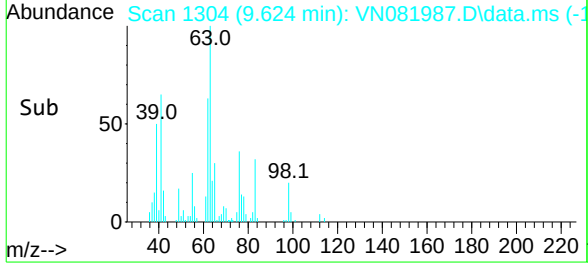
Instrument :
MSVOA_N
ClientSampleId :
VN0503WBSD01



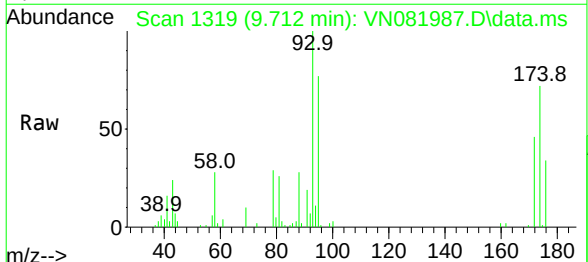
Tgt Ion: 63 Resp: 57738
Ion Ratio Lower Upper
63 100
65 30.1 24.1 36.1

Manual Integrations
APPROVED

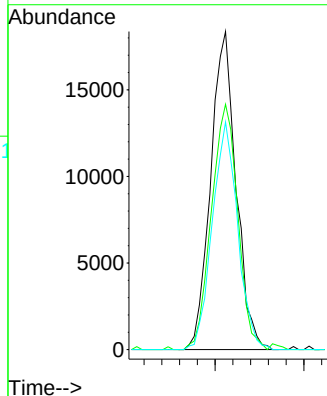
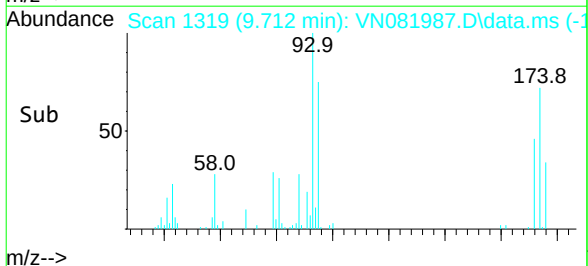
Reviewed By :John Carlone 05/06/2024
Supervised By :Semsettin Yesilyurt 05/06/2024

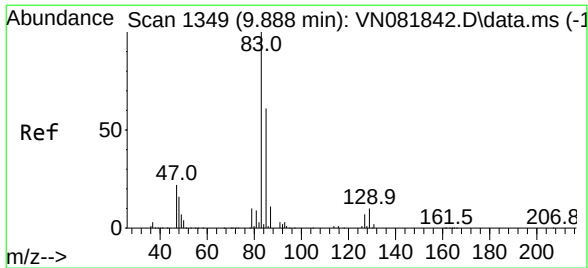


#46
Dibromomethane
Concen: 19.525 ug/l
RT: 9.712 min Scan# 1319
Delta R.T. 0.006 min
Lab File: VN081987.D
Acq: 03 May 2024 13:12



Tgt Ion: 93 Resp: 36525
Ion Ratio Lower Upper
93 100
95 79.7 64.8 97.2
174 71.3 73.4 110.0#





#47
 Bromodichloromethane
 Concen: 18.773 ug/l
 RT: 9.888 min Scan# 1349
 Delta R.T. -0.000 min
 Lab File: VN081987.D
 Acq: 03 May 2024 13:12

Instrument :

MSVOA_N

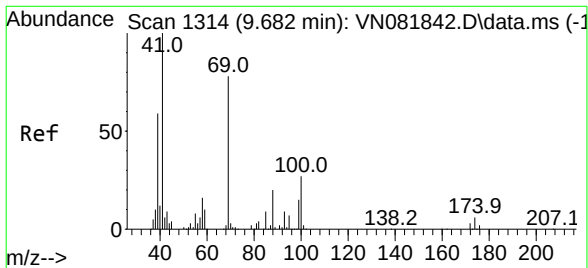
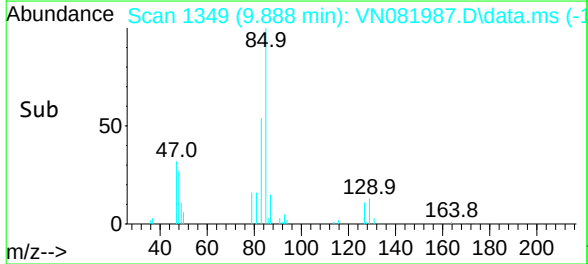
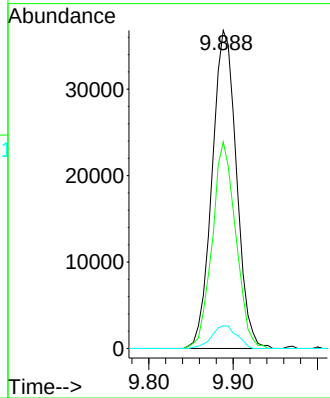
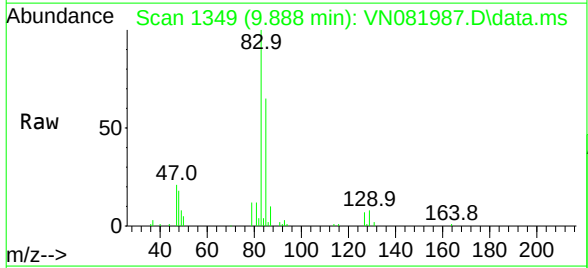
ClientSampleId :

VN0503WBSD01

Tgt Ion:	83	Resp:	74064
Ion	Ratio	Lower	Upper
83	100		
85	65.0	51.9	77.9
127	7.1	7.5	11.3#

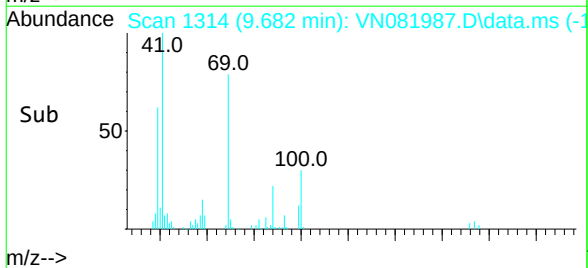
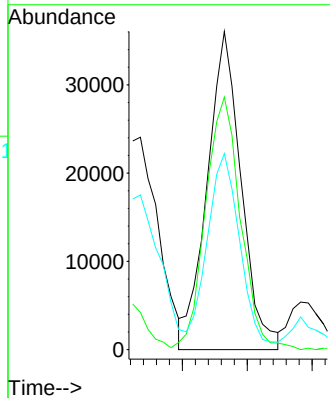
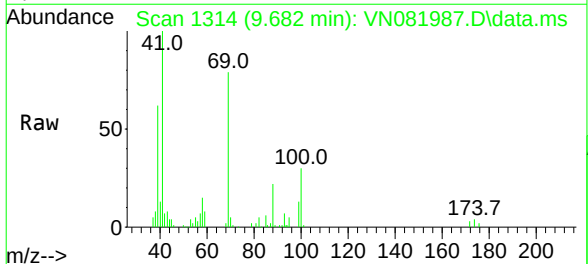
Manual Integrations
 APPROVED

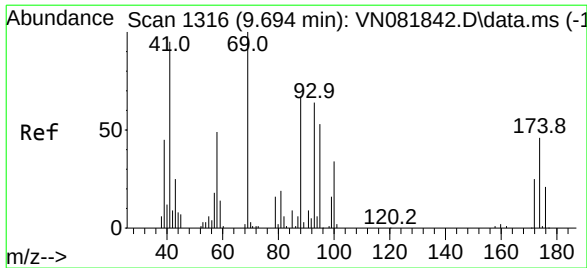
Reviewed By :John Carlone 05/06/2024
 Supervised By :Semsettin Yesilyurt 05/06/2024



#48
 Methyl methacrylate
 Concen: 19.625 ug/l
 RT: 9.682 min Scan# 1314
 Delta R.T. -0.000 min
 Lab File: VN081987.D
 Acq: 03 May 2024 13:12

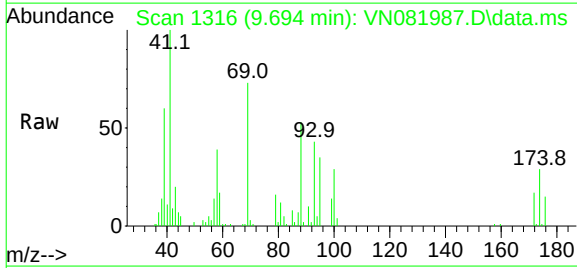
Tgt Ion:	41	Resp:	65617
Ion	Ratio	Lower	Upper
41	100		
69	81.8	77.9	116.9
39	59.7	50.9	76.3





#49
1,4-Dioxane
Concen: 448.443 ug/l
RT: 9.694 min Scan# 1316
Delta R.T. -0.000 min
Lab File: VN081987.D
Acq: 03 May 2024 13:12

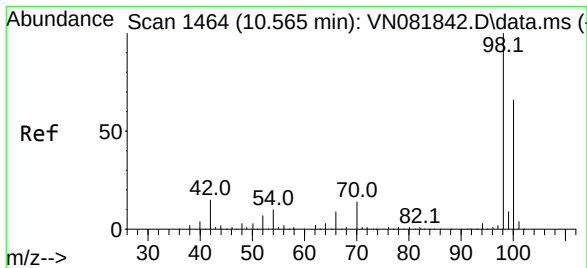
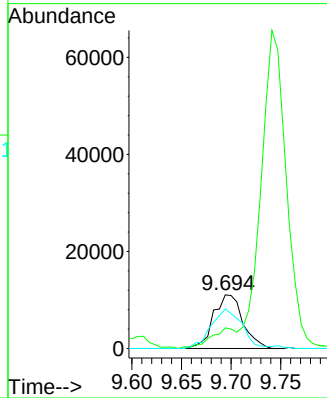
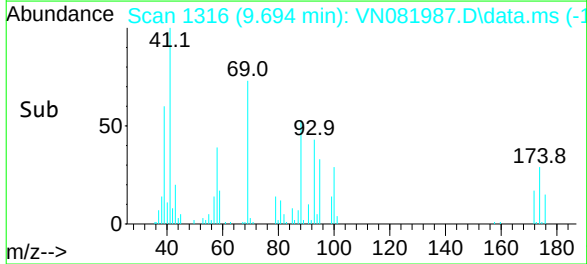
Instrument :
MSVOA_N
ClientSampleId :
VN0503WBSD01



Tgt Ion: 88 Resp: 22789
Ion Ratio Lower Upper
88 100
43 0.0 19.0 28.6#
58 79.4 50.6 76.0#

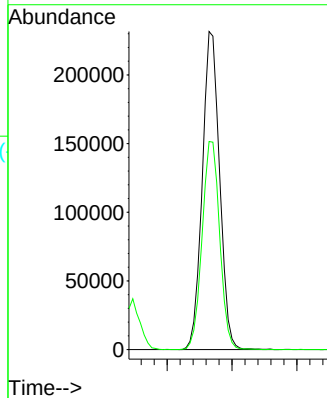
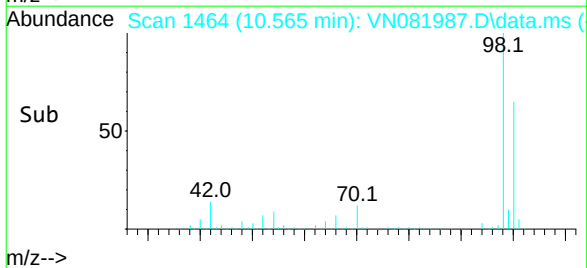
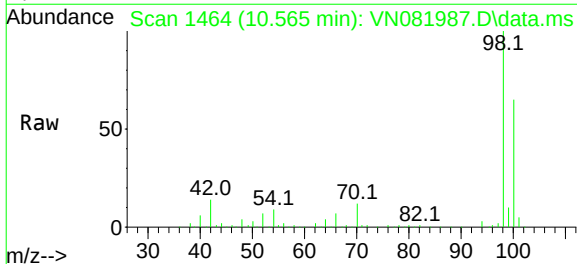
Manual Integrations
APPROVED

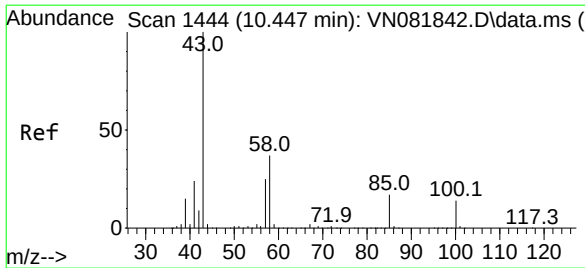
Reviewed By :John Carlone 05/06/2024
Supervised By :Semsettin Yesilyurt 05/06/2024



#50
Toluene-d8
Concen: 51.576 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN081987.D
Acq: 03 May 2024 13:12

Tgt Ion: 98 Resp: 428939
Ion Ratio Lower Upper
98 100
100 66.4 51.8 77.6





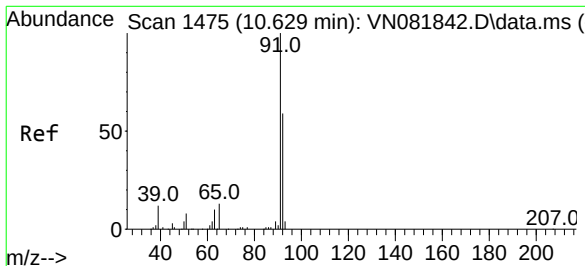
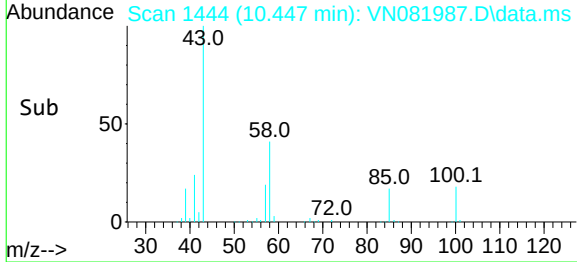
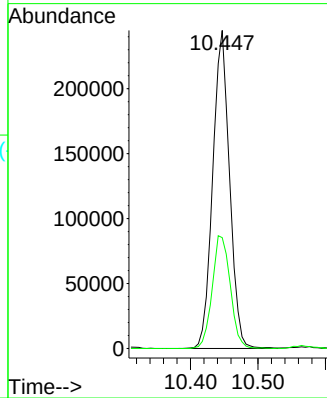
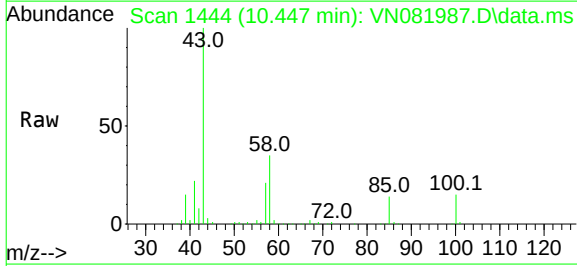
#51
4-Methyl-2-Pentanone
Concen: 107.358 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN081987.D
Acq: 03 May 2024 13:12

Instrument :
MSVOA_N
ClientSampleId :
VN0503WBSD01

Tgt Ion: 43 Resp: 423282
Ion Ratio Lower Upper
43 100
58 38.1 33.2 49.8

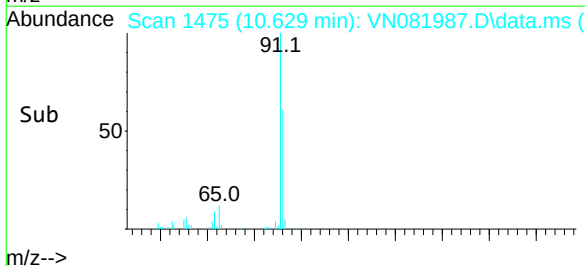
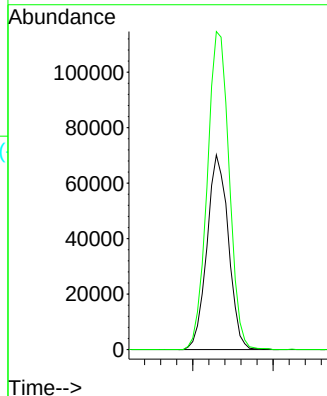
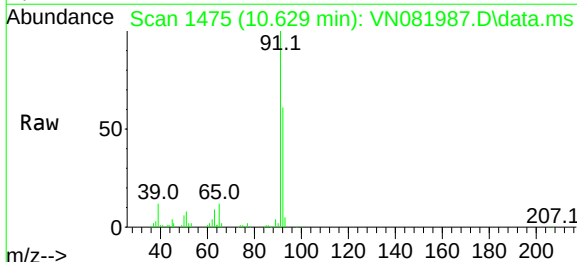
Manual Integrations
APPROVED

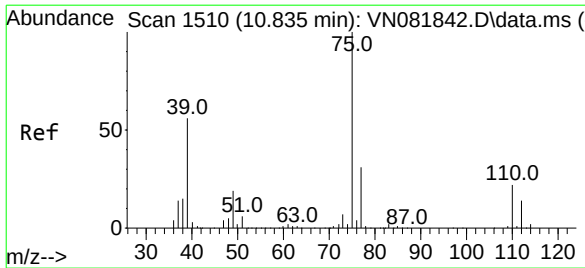
Reviewed By :John Carlone 05/06/2024
Supervised By :Semsettin Yesilyurt 05/06/2024



#52
Toluene
Concen: 21.014 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN081987.D
Acq: 03 May 2024 13:12

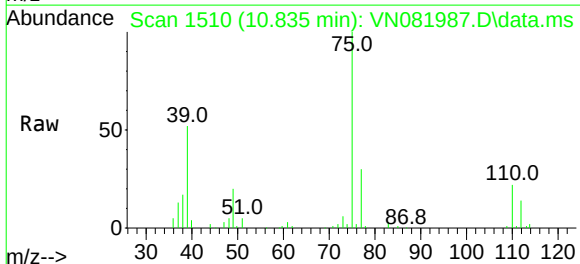
Tgt Ion: 92 Resp: 130146
Ion Ratio Lower Upper
92 100
91 166.7 136.7 205.1





#53
t-1,3-Dichloropropene
Concen: 19.274 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. -0.000 min
Lab File: VN081987.D
Acq: 03 May 2024 13:12

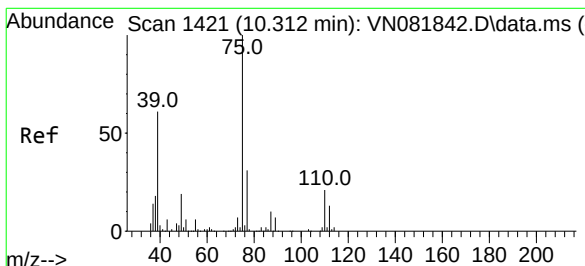
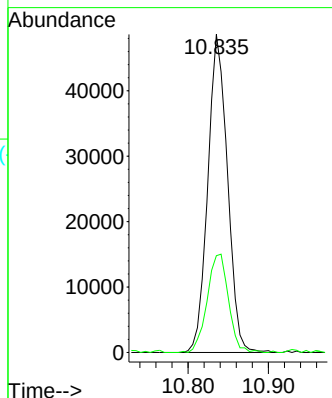
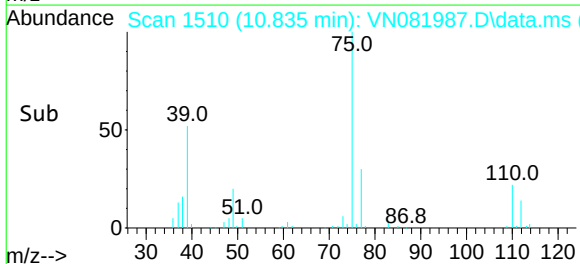
Instrument :
MSVOA_N
ClientSampleId :
VN0503WBSD01



Tgt Ion: 75 Resp: 82746
Ion Ratio Lower Upper
75 100
77 30.4 25.4 38.0

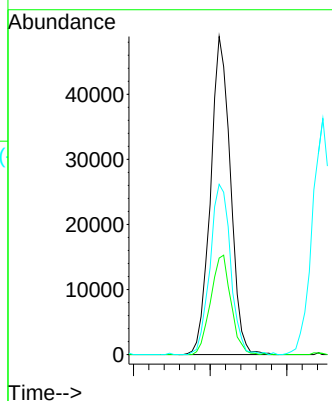
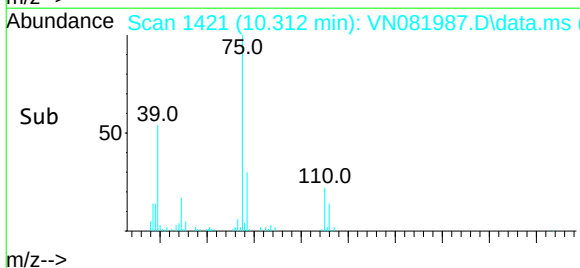
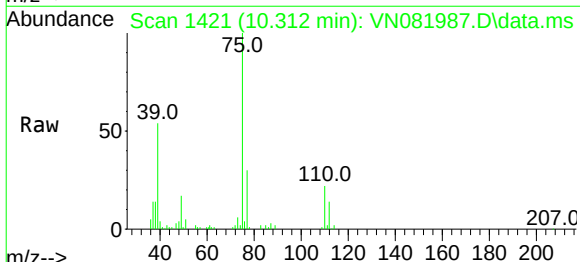
Manual Integrations
APPROVED

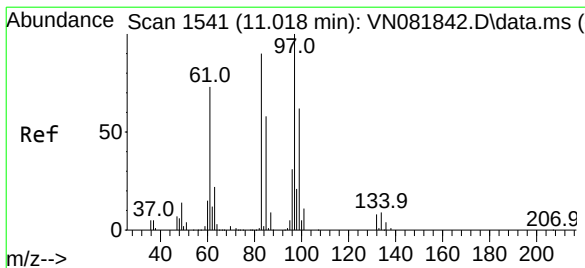
Reviewed By :John Carlone 05/06/2024
Supervised By :Semsettin Yesilyurt 05/06/2024



#54
cis-1,3-Dichloropropene
Concen: 19.918 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. -0.000 min
Lab File: VN081987.D
Acq: 03 May 2024 13:12

Tgt Ion: 75 Resp: 88123
Ion Ratio Lower Upper
75 100
77 30.3 25.0 37.4
39 53.5 34.8 52.2#





#55

1,1,2-Trichloroethane

Concen: 21.186 ug/l

RT: 11.018 min Scan# 1541

Delta R.T. -0.000 min

Lab File: VN081987.D

Acq: 03 May 2024 13:12

Instrument :

MSVOA_N

ClientSampleId :

VN0503WBSD01

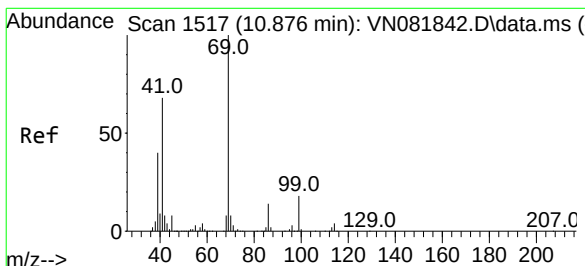
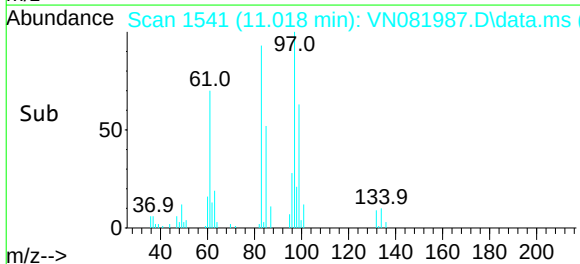
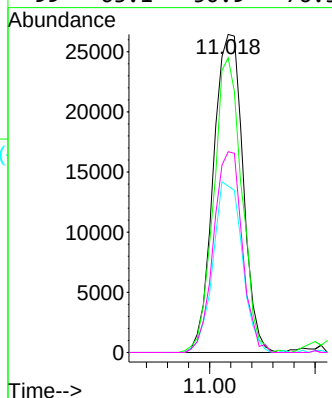
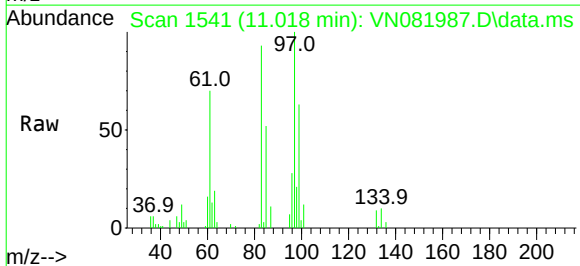
Tgt Ion:	97	Resp:	51604
Ion	Ratio	Lower	Upper
97	100		
83	92.6	70.4	105.6
85	52.3	45.6	68.4
99	63.1	50.9	76.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/06/2024

Supervised By :Semsettin Yesilyurt 05/06/2024



#56

Ethyl methacrylate

Concen: 20.027 ug/l

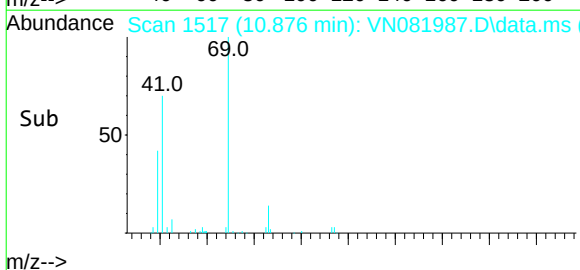
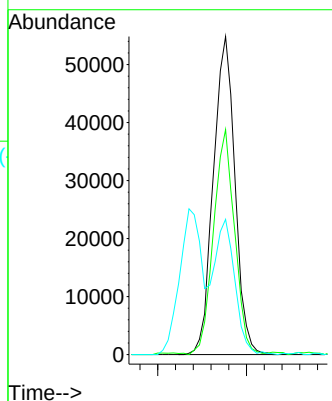
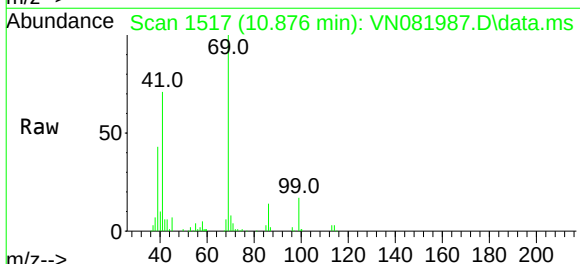
RT: 10.876 min Scan# 1517

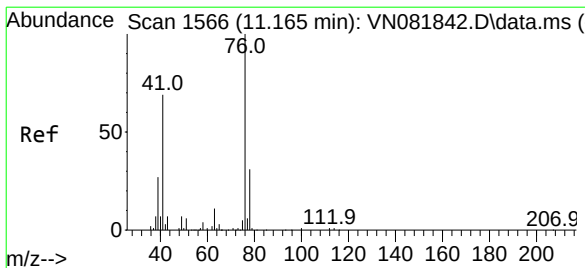
Delta R.T. -0.000 min

Lab File: VN081987.D

Acq: 03 May 2024 13:12

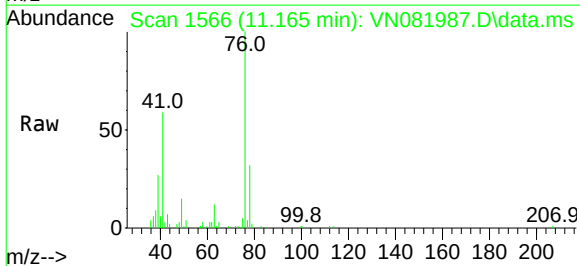
Tgt Ion:	69	Resp:	92884
Ion	Ratio	Lower	Upper
69	100		
41	67.8	46.6	70.0
39	37.7	26.5	39.7





#57
1,3-Dichloropropane
Concen: 21.282 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. -0.000 min
Lab File: VN081987.D
Acq: 03 May 2024 13:12

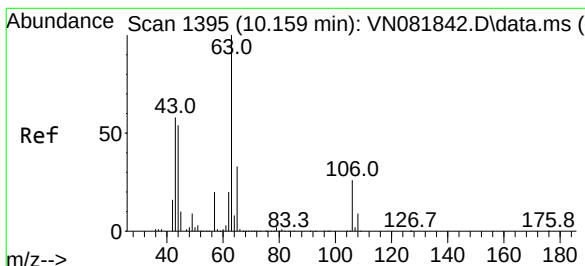
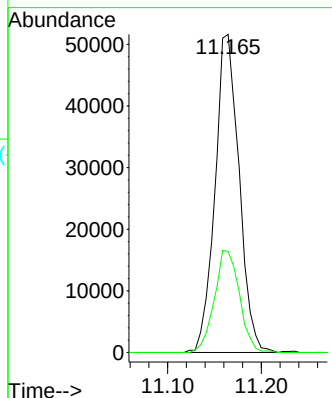
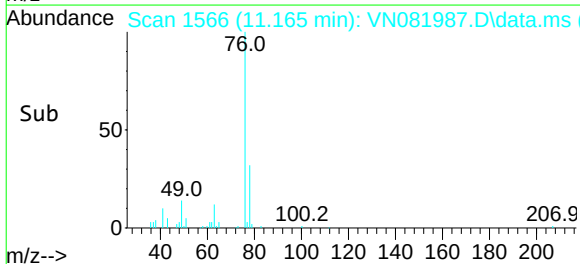
Instrument :
MSVOA_N
ClientSampleId :
VN0503WBSD01



Tgt Ion: 76 Resp: 92159
Ion Ratio Lower Upper
76 100
78 33.4 25.8 38.6

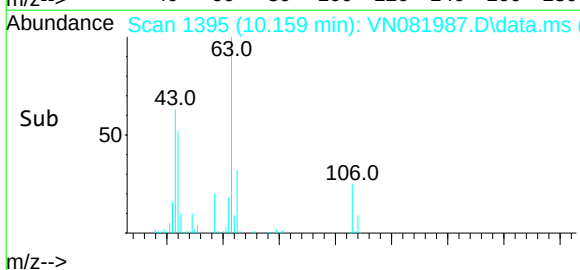
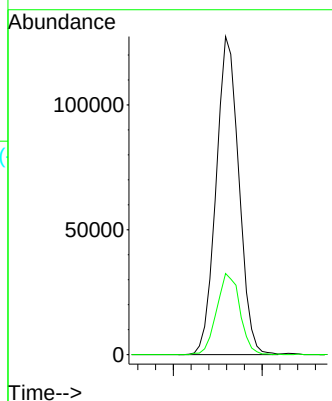
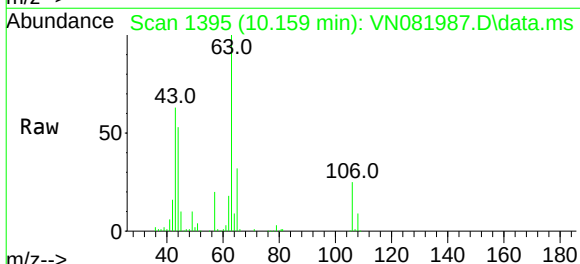
Manual Integrations
APPROVED

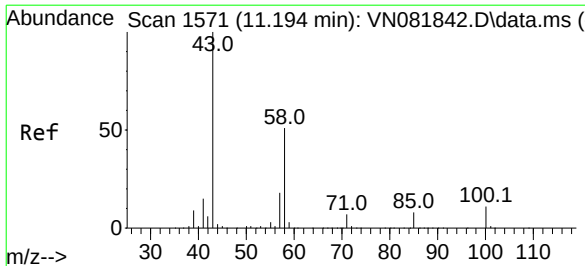
Reviewed By :John Carlone 05/06/2024
Supervised By :Semsettin Yesilyurt 05/06/2024



#58
2-Chloroethyl Vinyl ether
Concen: 107.462 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VN081987.D
Acq: 03 May 2024 13:12

Tgt Ion: 63 Resp: 227055
Ion Ratio Lower Upper
63 100
106 26.0 24.6 36.8





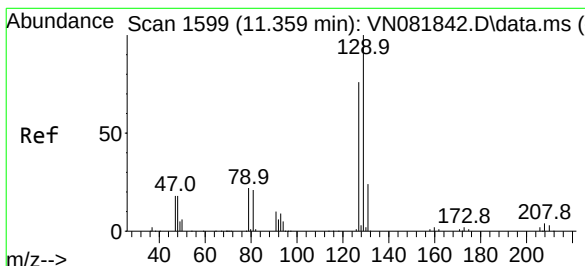
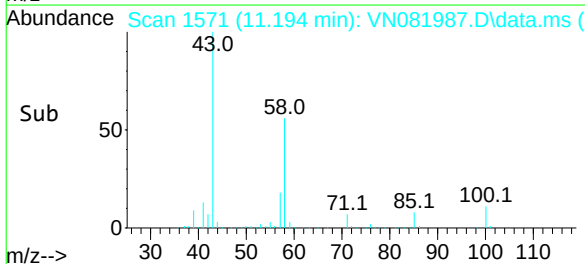
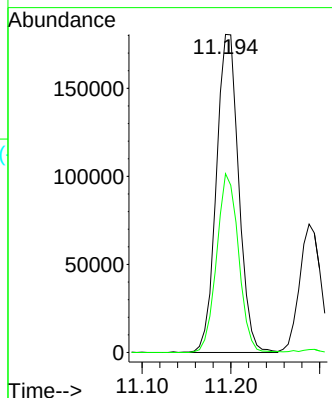
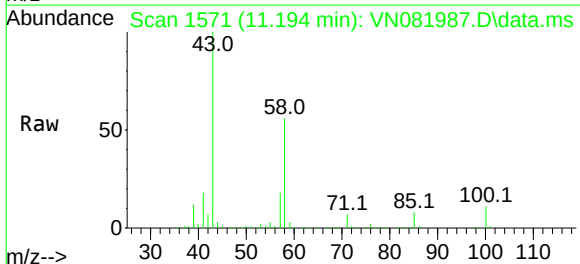
#59
2-Hexanone
Concen: 107.782 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. -0.000 min
Lab File: VN081987.D
Acq: 03 May 2024 13:12

Instrument :
MSVOA_N
ClientSampleId :
VN0503WBSD01

Tgt Ion: 43 Resp: 316254
Ion Ratio Lower Upper
43 100
58 55.1 28.3 84.9

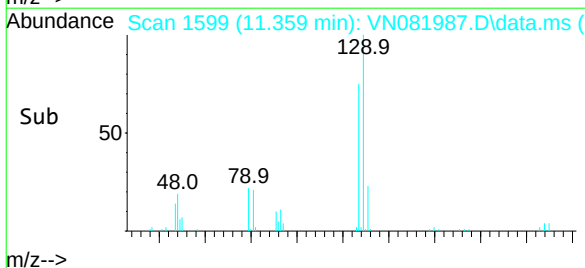
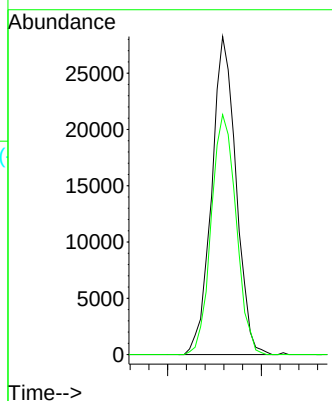
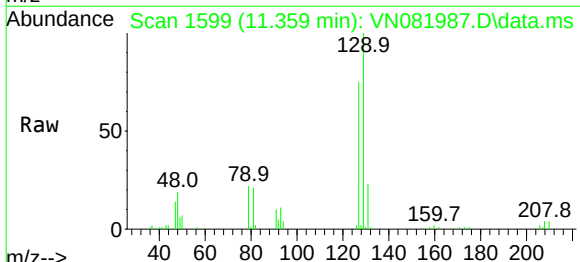
Manual Integrations
APPROVED

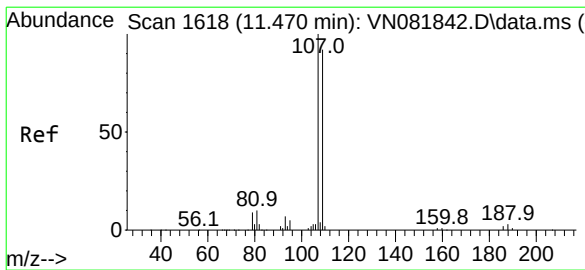
Reviewed By :John Carlone 05/06/2024
Supervised By :Semsettin Yesilyurt 05/06/2024



#60
Dibromochloromethane
Concen: 19.791 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN081987.D
Acq: 03 May 2024 13:12

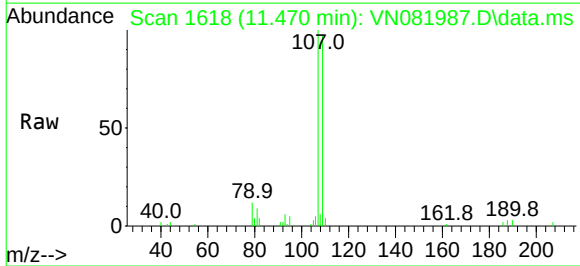
Tgt Ion:129 Resp: 51057
Ion Ratio Lower Upper
129 100
127 76.9 38.3 114.8





#61
1,2-Dibromoethane
Concen: 21.290 ug/l
RT: 11.470 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VN081987.D
Acq: 03 May 2024 13:12

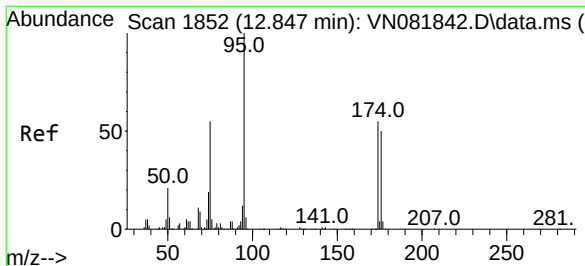
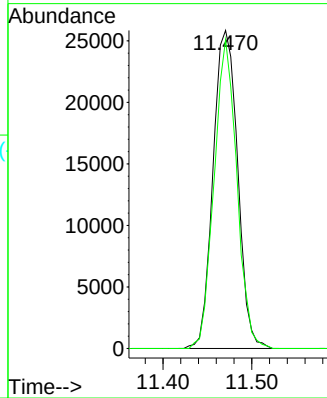
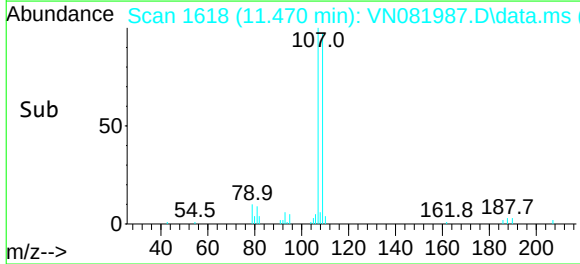
Instrument :
MSVOA_N
ClientSampleId :
VN0503WBSD01



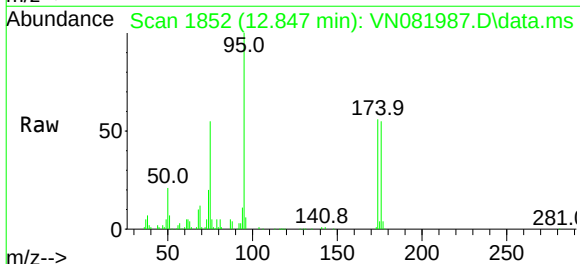
Tgt Ion: 107 Resp: 49590
Ion Ratio Lower Upper
107 100
109 90.0 75.8 113.6

Manual Integrations
APPROVED

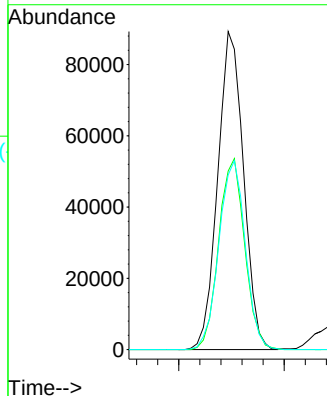
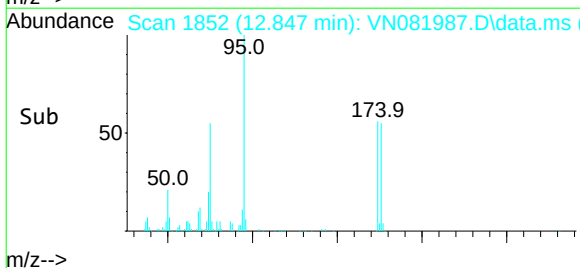
Reviewed By : John Carlone 05/06/2024
Supervised By : Semsettin Yesilyurt 05/06/2024

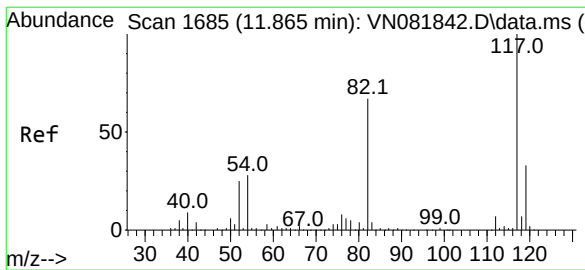


#62
4-Bromofluorobenzene
Concen: 46.142 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN081987.D
Acq: 03 May 2024 13:12



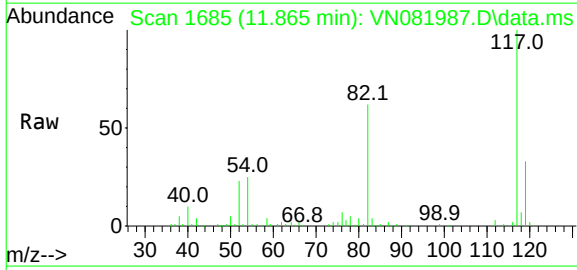
Tgt Ion: 95 Resp: 151698
Ion Ratio Lower Upper
95 100
174 60.5 0.0 160.6
176 60.8 0.0 152.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN081987.D
Acq: 03 May 2024 13:12

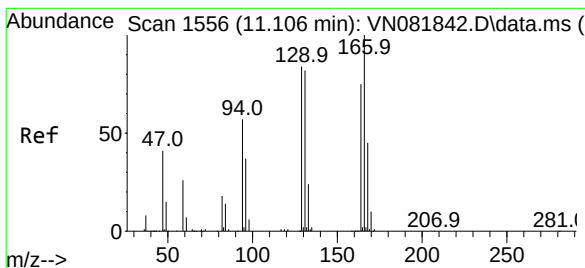
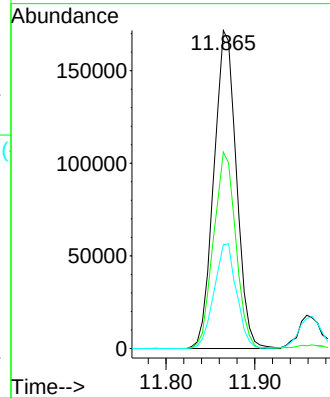
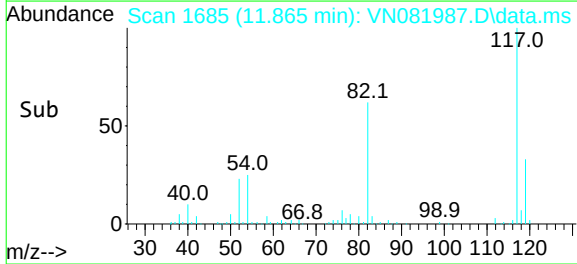
Instrument :
MSVOA_N
ClientSampleId :
VN0503WBSD01



Tgt Ion:117 Resp: 302948
Ion Ratio Lower Upper
117 100
82 61.8 44.6 66.8
119 32.6 25.9 38.9

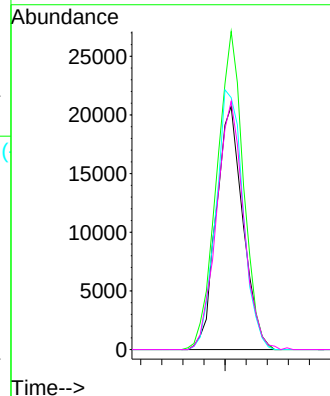
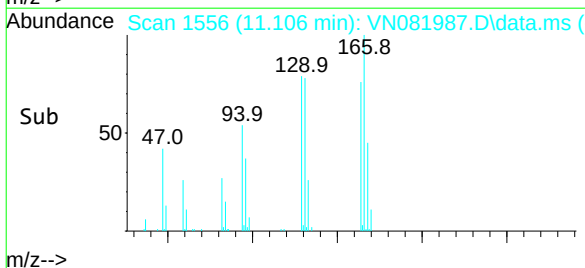
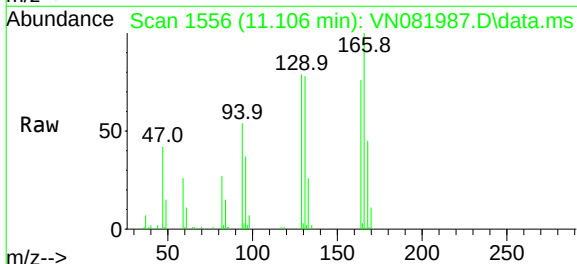
Manual Integrations
APPROVED

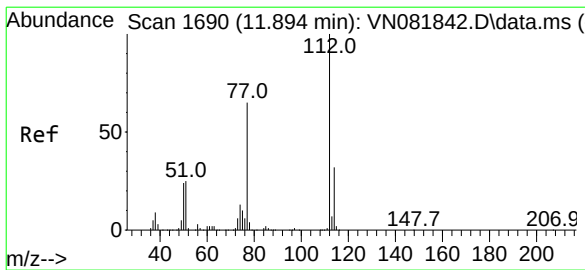
Reviewed By :John Carlone 05/06/2024
Supervised By :Semsettin Yesilyurt 05/06/2024



#64
Tetrachloroethene
Concen: 16.619 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.000 min
Lab File: VN081987.D
Acq: 03 May 2024 13:12

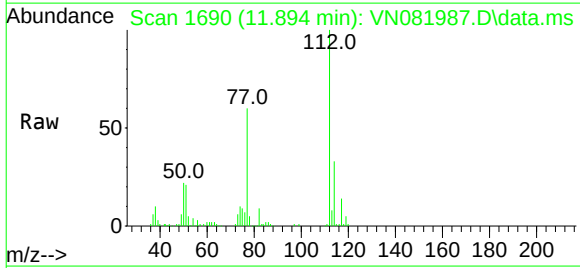
Tgt Ion:164 Resp: 36567
Ion Ratio Lower Upper
164 100
166 130.8 97.6 146.4
129 103.6 73.7 110.5
131 102.1 75.8 113.6





#65
Chlorobenzene
Concen: 20.218 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. -0.000 min
Lab File: VN081987.D
Acq: 03 May 2024 13:12

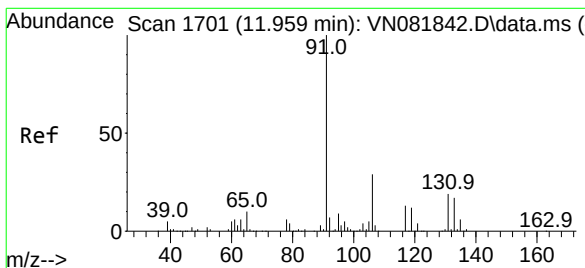
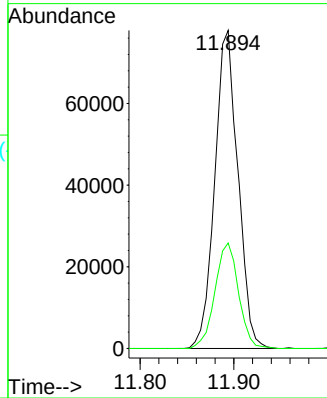
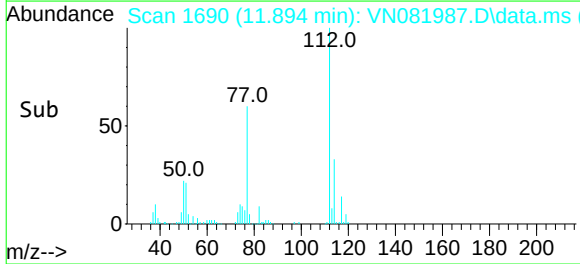
Instrument :
MSVOA_N
ClientSampleId :
VN0503WBSD01



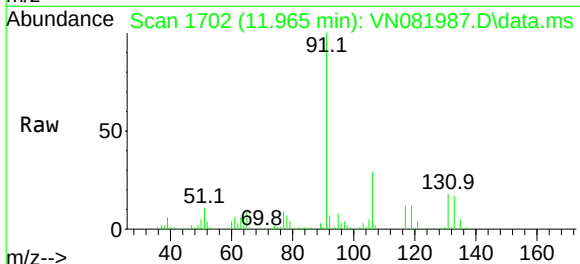
Tgt Ion:112 Resp: 133755
Ion Ratio Lower Upper
112 100
114 33.2 25.7 38.5

Manual Integrations
APPROVED

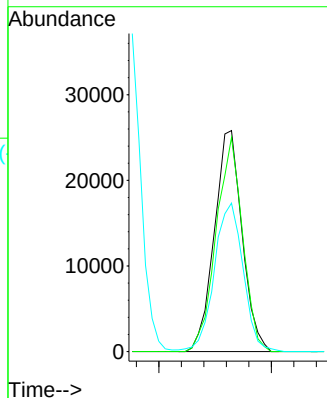
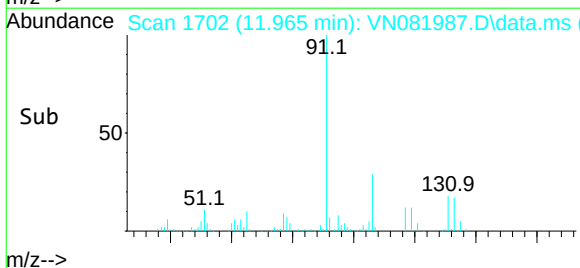
Reviewed By :John Carlone 05/06/2024
Supervised By :Semsettin Yesilyurt 05/06/2024

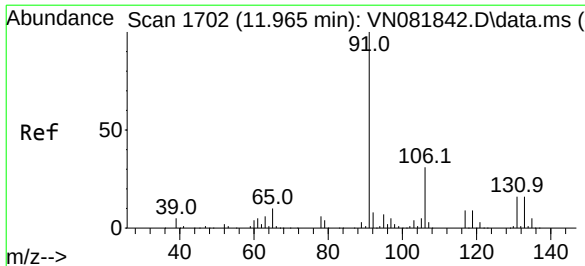


#66
1,1,1,2-Tetrachloroethane
Concen: 20.567 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.006 min
Lab File: VN081987.D
Acq: 03 May 2024 13:12



Tgt Ion:131 Resp: 44221
Ion Ratio Lower Upper
131 100
133 92.2 47.5 142.6
119 69.9 32.9 98.7





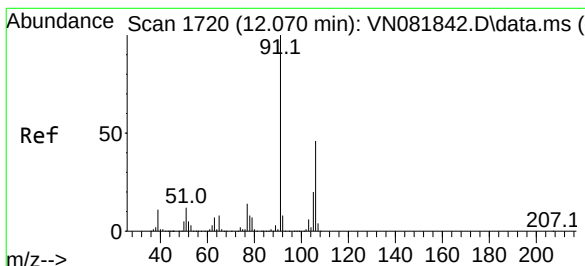
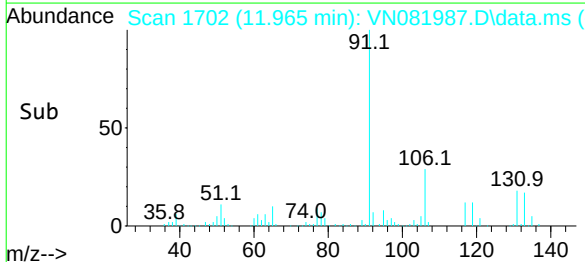
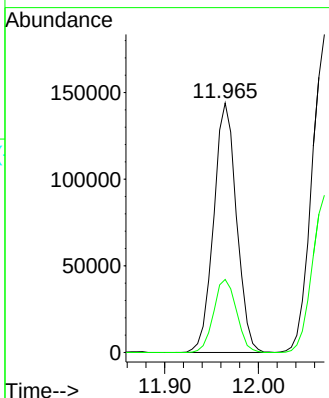
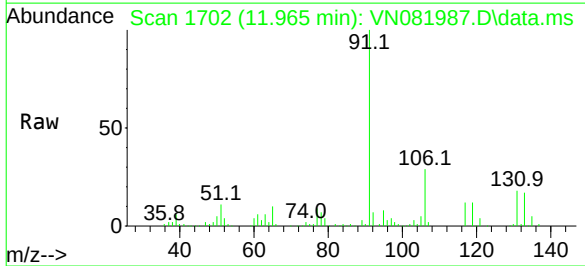
#67
Ethyl Benzene
Concen: 19.839 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN081987.D
Acq: 03 May 2024 13:12

Instrument :
MSVOA_N
ClientSampleId :
VN0503WBSD01

Tgt Ion: 91 Resp: 244095
Ion Ratio Lower Upper
91 100
106 29.3 25.3 37.9

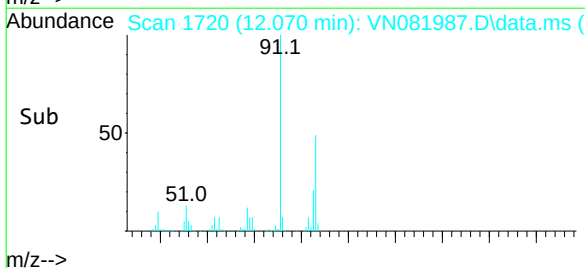
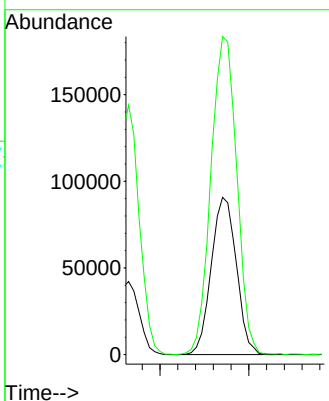
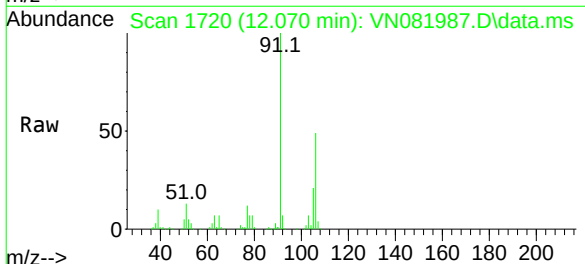
Manual Integrations
APPROVED

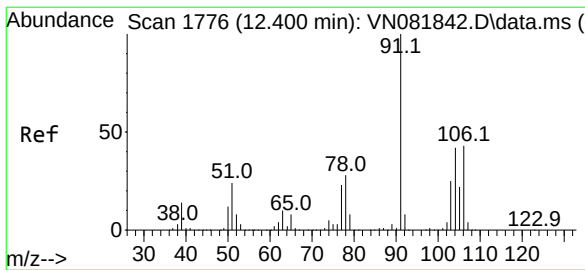
Reviewed By :John Carlone 05/06/2024
Supervised By :Semsettin Yesilyurt 05/06/2024



#68
m/p-Xylenes
Concen: 40.636 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN081987.D
Acq: 03 May 2024 13:12

Tgt Ion:106 Resp: 178337
Ion Ratio Lower Upper
106 100
91 208.4 159.4 239.0





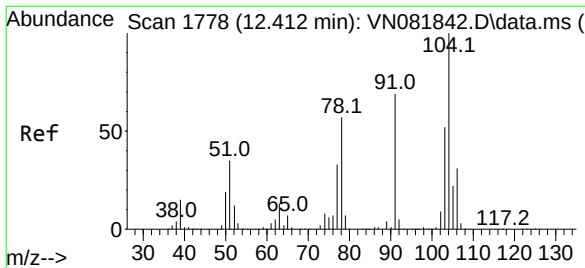
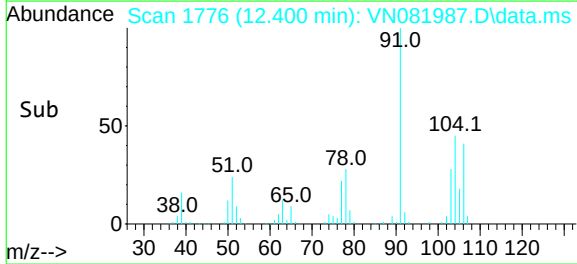
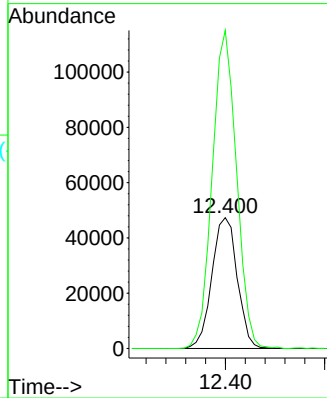
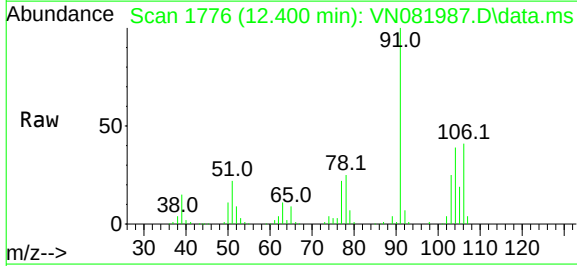
#69
o-Xylene
Concen: 19.603 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN081987.D
Acq: 03 May 2024 13:12

Instrument :
MSVOA_N
ClientSampleId :
VN0503WBSD01

Tgt Ion:106 Resp: 83992
Ion Ratio Lower Upper
106 100
91 232.9 104.7 314.1

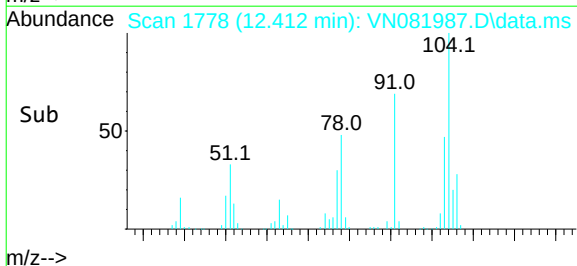
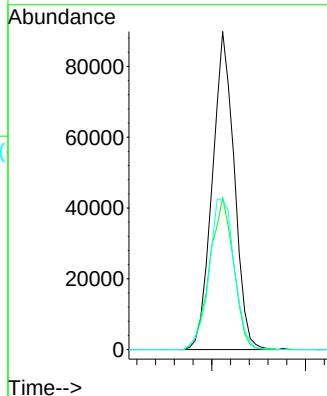
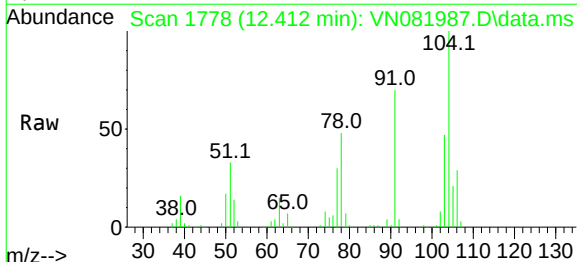
Manual Integrations
APPROVED

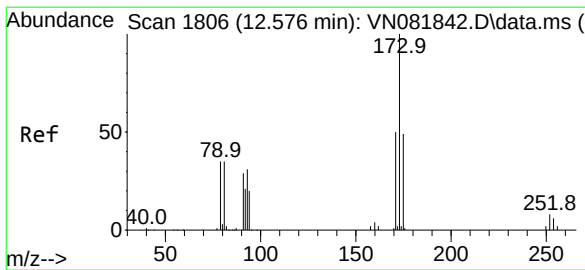
Reviewed By :John Carlone 05/06/2024
Supervised By :Semsettin Yesilyurt 05/06/2024



#70
Styrene
Concen: 19.714 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN081987.D
Acq: 03 May 2024 13:12

Tgt Ion:104 Resp: 146119
Ion Ratio Lower Upper
104 100
78 51.9 38.6 58.0
103 54.7 43.8 65.6





#71

Bromoform

Concen: 18.040 ug/l

RT: 12.582 min Scan# 1806

Delta R.T. 0.006 min

Lab File: VN081987.D

Acq: 03 May 2024 13:12

Instrument :

MSVOA_N

ClientSampleId :

VN0503WBSD01

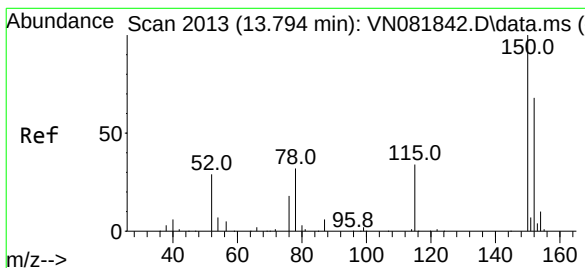
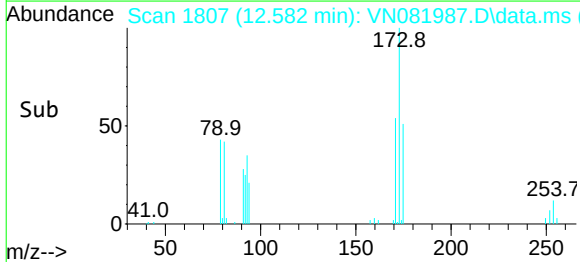
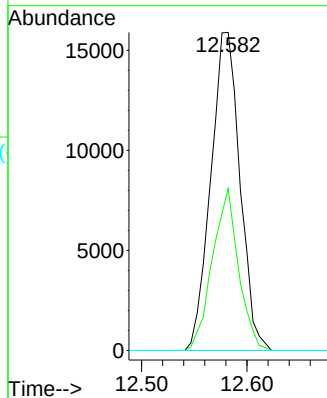
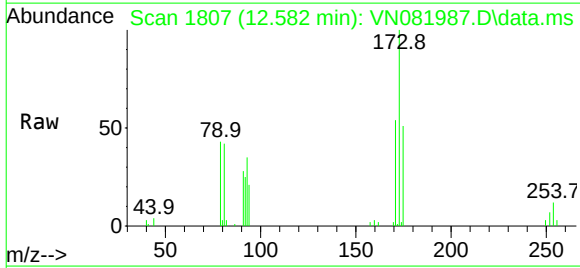
Tgt Ion:	173	Resp:	30494
Ion Ratio	Lower	Upper	
173	100		
175	45.8	24.6	74.0
254	0.0	0.0	0.0

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

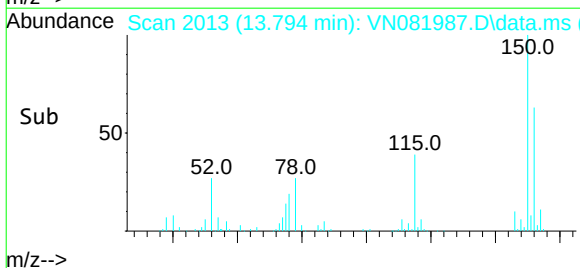
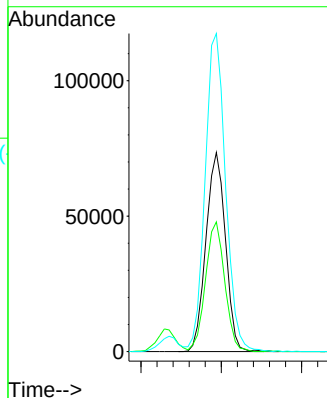
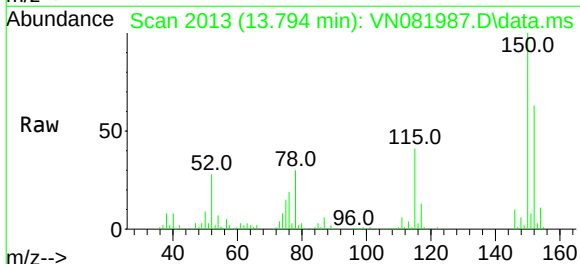
RT: 13.794 min Scan# 2013

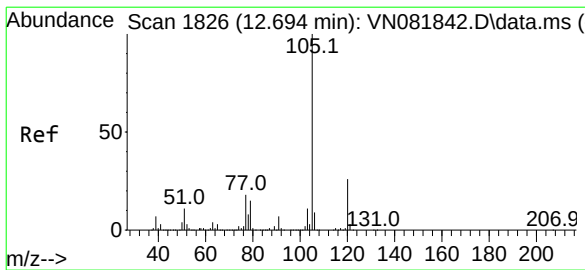
Delta R.T. -0.000 min

Lab File: VN081987.D

Acq: 03 May 2024 13:12

Tgt Ion:	152	Resp:	124035
Ion Ratio	Lower	Upper	
152	100		
115	64.2	30.4	91.3
150	167.7	0.0	353.2





#73

Isopropylbenzene

Concen: 20.057 ug/l

RT: 12.694 min Scan# 1826

Delta R.T. -0.000 min

Lab File: VN081987.D

Acq: 03 May 2024 13:12

Instrument :

MSVOA_N

ClientSampleId :

VN0503WBSD01

Tgt Ion:105 Resp: 221189

Ion Ratio Lower Upper

105 100

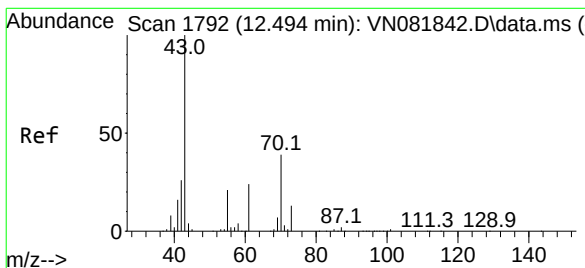
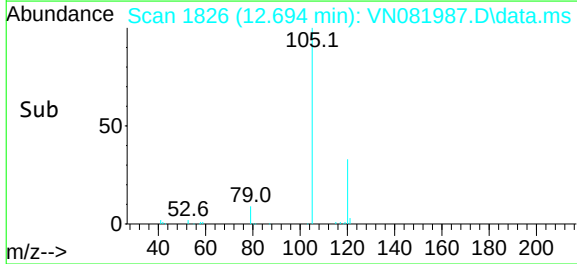
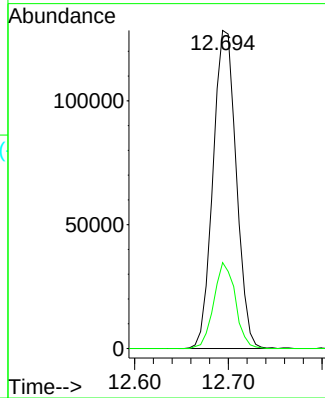
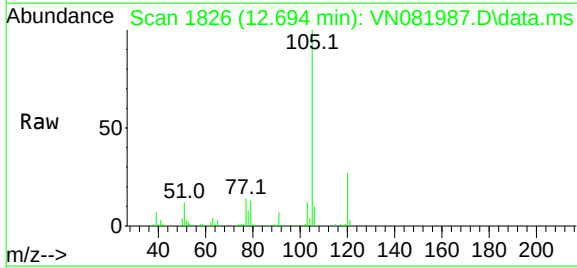
120 25.1 13.4 40.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/06/2024

Supervised By :Semsettin Yesilyurt 05/06/2024



#74

N-ethyl acetate

Concen: 19.474 ug/l

RT: 12.494 min Scan# 1792

Delta R.T. -0.000 min

Lab File: VN081987.D

Acq: 03 May 2024 13:12

Tgt Ion: 43 Resp: 119566

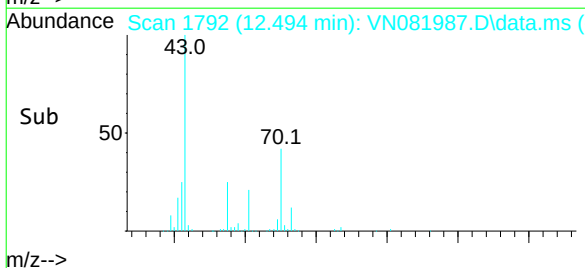
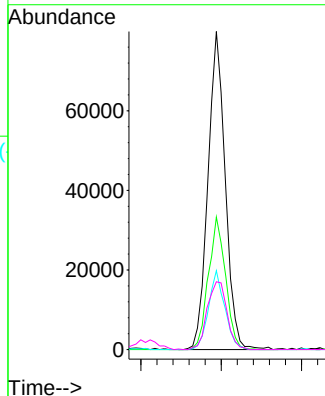
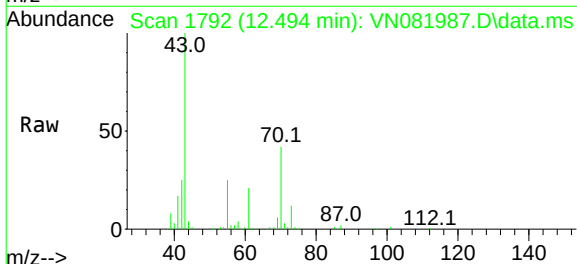
Ion Ratio Lower Upper

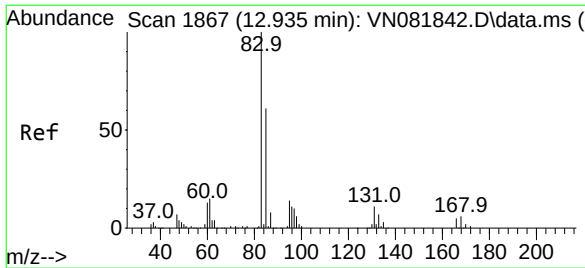
43 100

70 41.3 39.0 58.4

55 23.4 21.3 31.9

61 24.3 20.5 30.7





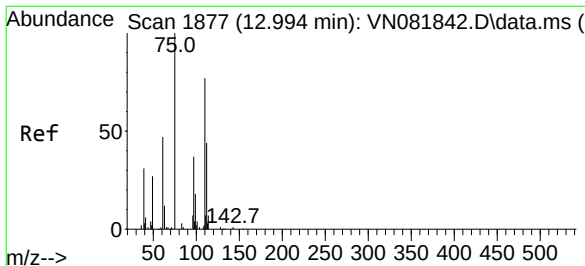
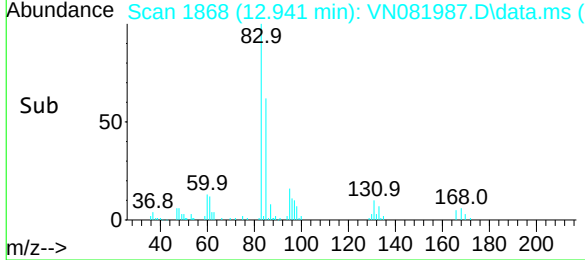
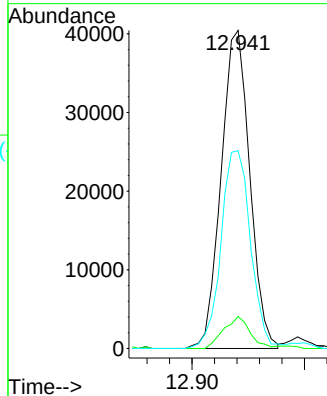
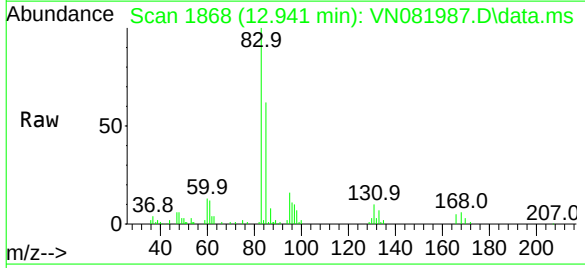
#75
1,1,2,2-Tetrachloroethane
Concen: 21.572 ug/l
RT: 12.941 min Scan# 1867
Delta R.T. 0.006 min
Lab File: VN081987.D
Acq: 03 May 2024 13:12

Instrument :
MSVOA_N
ClientSampleId :
VN0503WBSD01

Tgt Ion	Ratio	Lower	Upper
83	100		
131	9.4	5.5	16.4
85	64.3	32.9	98.6

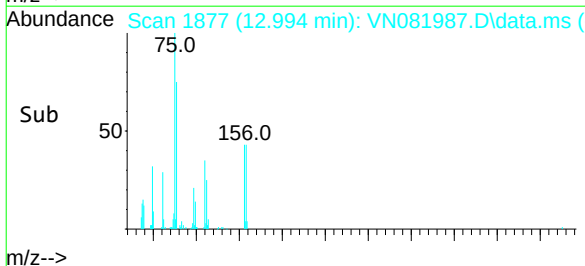
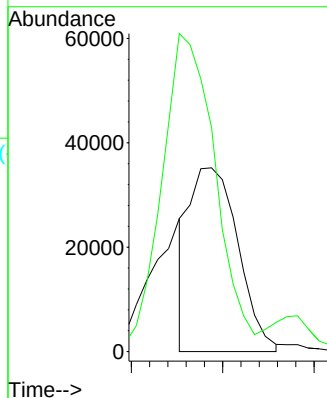
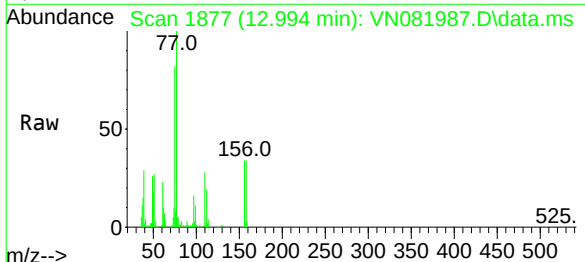
Manual Integrations
APPROVED

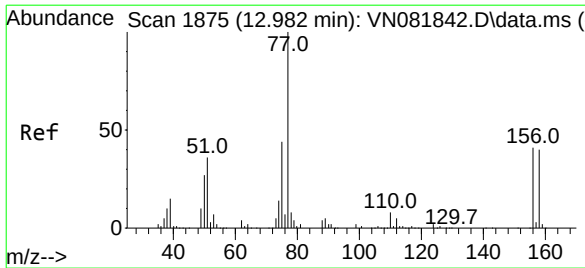
Reviewed By :John Carlone 05/06/2024
Supervised By :Semsettin Yesilyurt 05/06/2024



#76
1,2,3-Trichloropropane
Concen: 20.152 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. -0.000 min
Lab File: VN081987.D
Acq: 03 May 2024 13:12

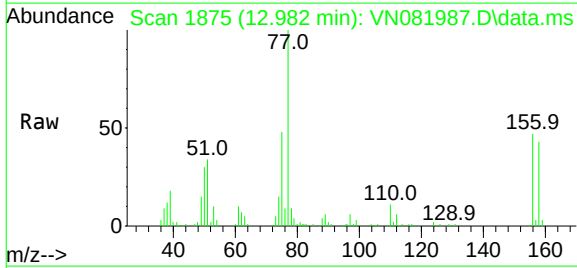
Tgt Ion	Ratio	Lower	Upper
75	100		
77	191.7	90.5	271.3





#77
Bromobenzene
Concen: 19.825 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VN081987.D
Acq: 03 May 2024 13:12

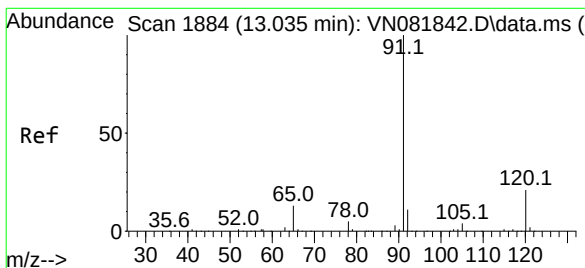
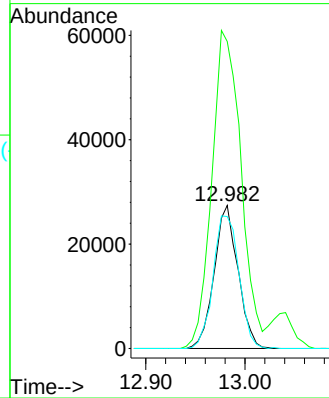
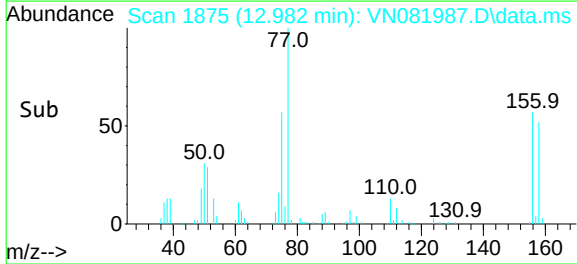
Instrument :
MSVOA_N
ClientSampleId :
VN0503WBSD01



Tgt Ion: 156 Resp: 45751
Ion Ratio Lower Upper
156 100
77 271.5 100.2 300.6
158 100.8 49.1 147.3

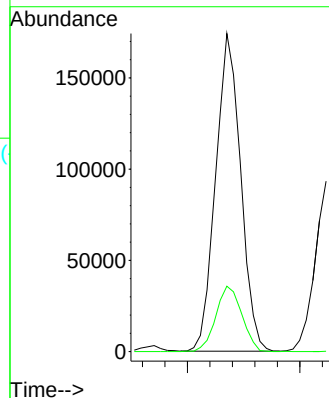
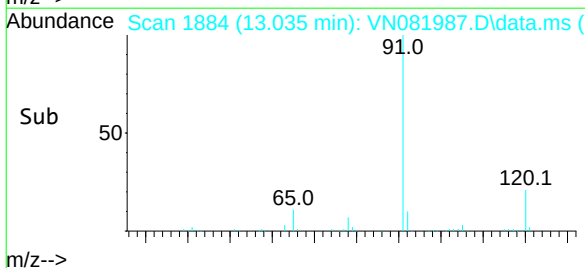
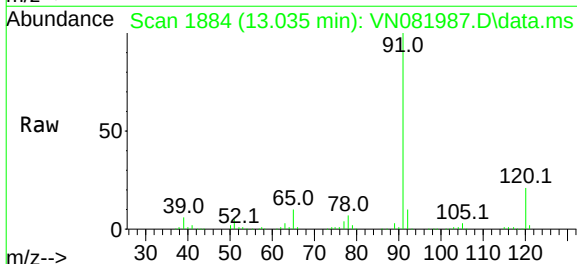
Manual Integrations
APPROVED

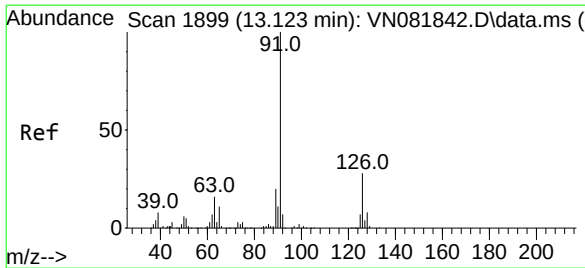
Reviewed By :John Carlone 05/06/2024
Supervised By :Semsettin Yesilyurt 05/06/2024



#78
n-propylbenzene
Concen: 20.073 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VN081987.D
Acq: 03 May 2024 13:12

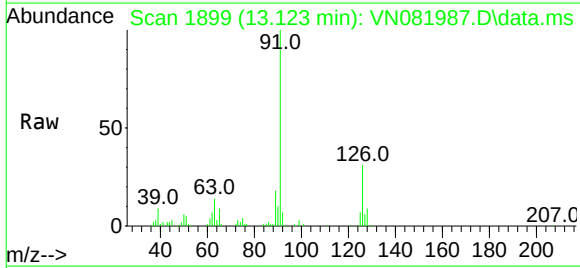
Tgt Ion: 91 Resp: 268885
Ion Ratio Lower Upper
91 100
120 21.3 11.7 35.0





#79
2-Chlorotoluene
Concen: 18.758 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN081987.D
Acq: 03 May 2024 13:12

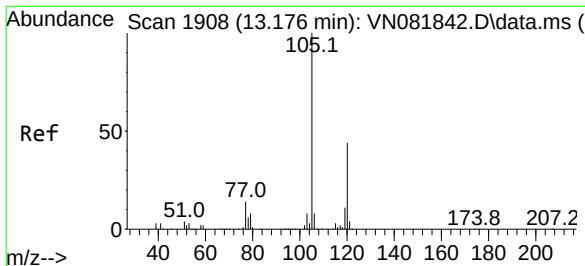
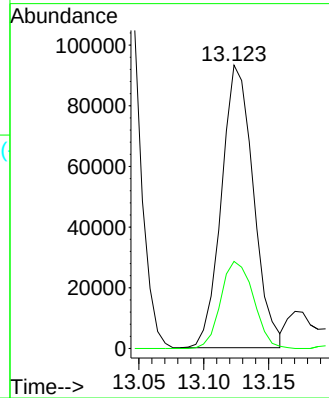
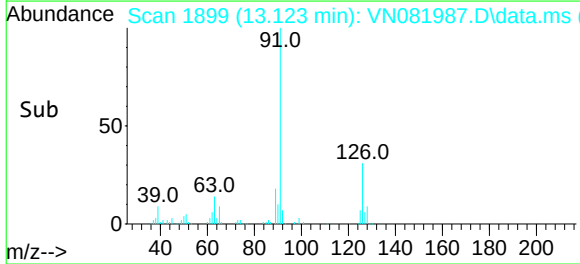
Instrument :
MSVOA_N
ClientSampleId :
VN0503WBSD01



Tgt Ion: 91 Resp: 159866
Ion Ratio Lower Upper
91 100
126 31.5 17.5 52.5

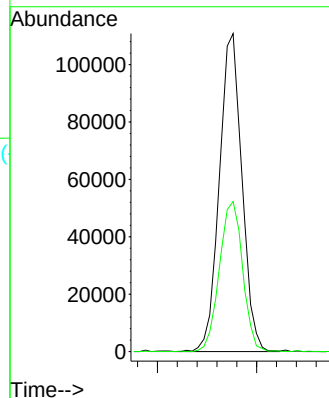
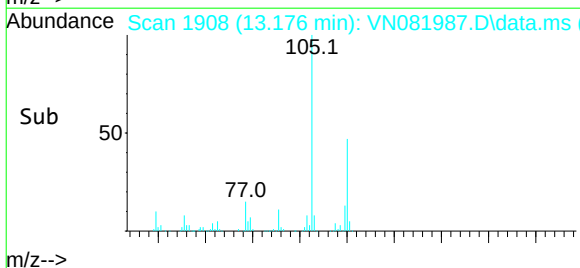
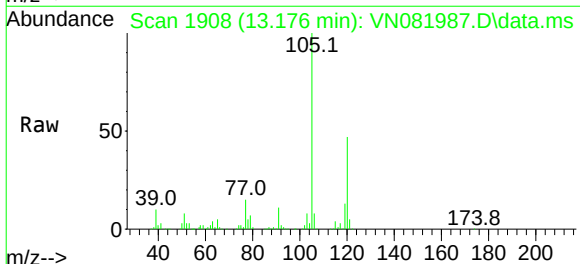
Manual Integrations
APPROVED

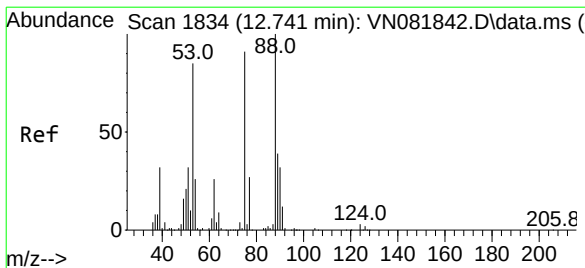
Reviewed By :John Carlone 05/06/2024
Supervised By :Semsettin Yesilyurt 05/06/2024



#80
1,3,5-Trimethylbenzene
Concen: 18.760 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. -0.000 min
Lab File: VN081987.D
Acq: 03 May 2024 13:12

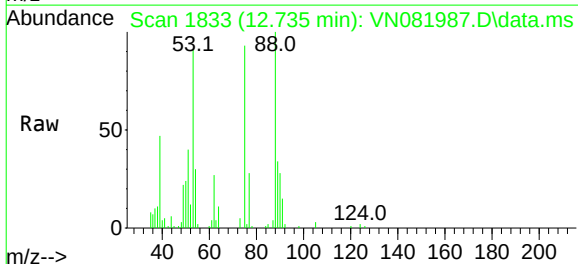
Tgt Ion:105 Resp: 175069
Ion Ratio Lower Upper
105 100
120 48.5 24.8 74.3





#81
trans-1,4-Dichloro-2-butene
Concen: 18.602 ug/l m
RT: 12.735 min Scan# 1833
Delta R.T. -0.006 min
Lab File: VN081987.D
Acq: 03 May 2024 13:12

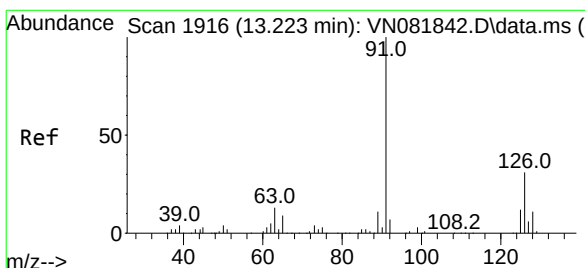
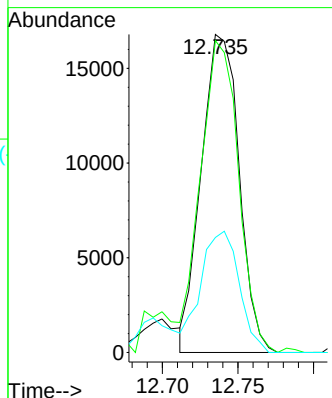
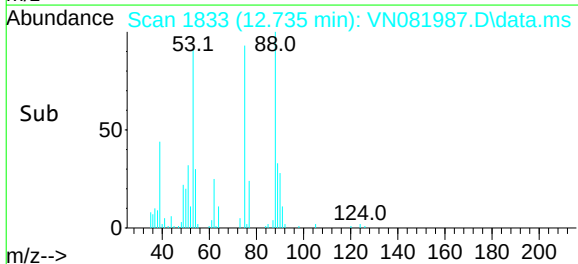
Instrument :
MSVOA_N
ClientSampleId :
VN0503WBSD01



Tgt Ion: 75 Resp: 29194
Ion Ratio Lower Upper
75 100
53 98.0 72.9 109.3
89 38.9 39.1 58.7#

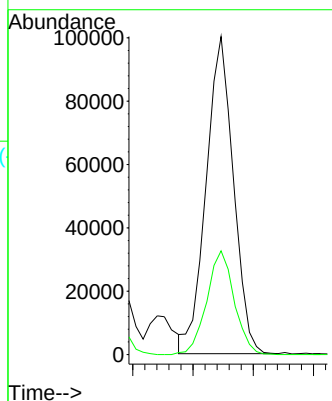
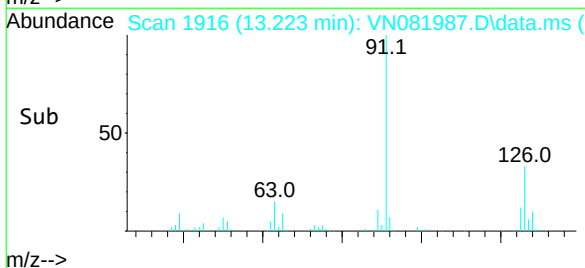
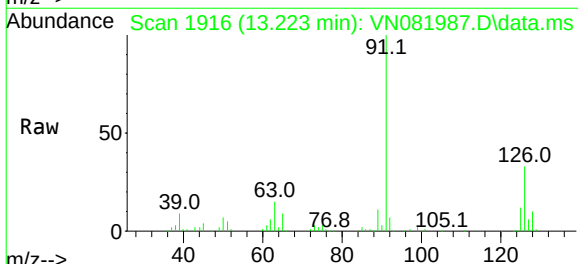
Manual Integrations
APPROVED

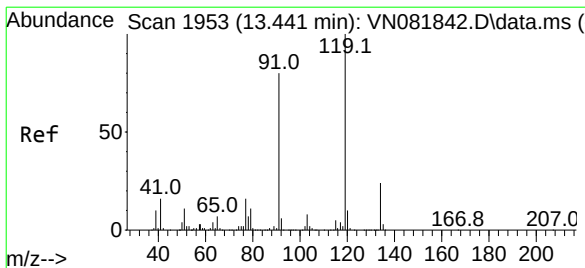
Reviewed By :John Carlone 05/06/2024
Supervised By :Semsettin Yesilyurt 05/06/2024



#82
4-Chlorotoluene
Concen: 19.038 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.000 min
Lab File: VN081987.D
Acq: 03 May 2024 13:12

Tgt Ion: 91 Resp: 157522
Ion Ratio Lower Upper
91 100
126 32.9 17.4 52.3





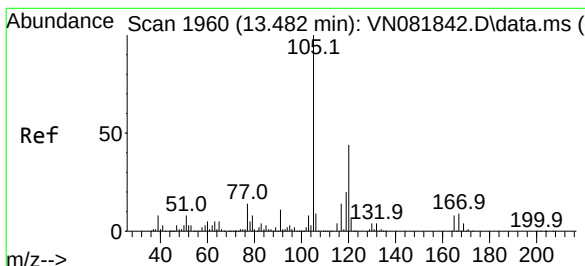
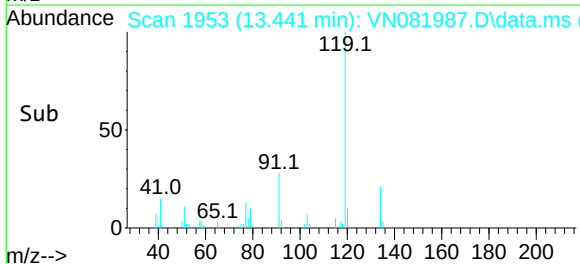
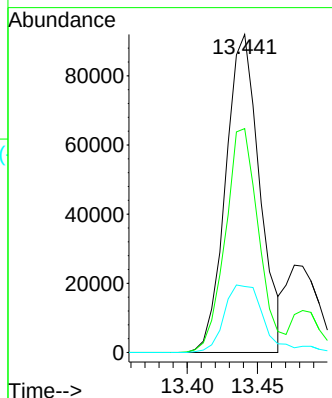
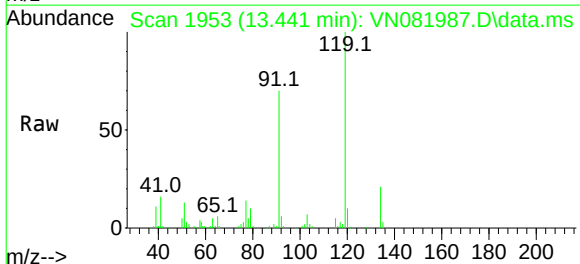
#83
tert-Butylbenzene
Concen: 19.914 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. -0.000 min
Lab File: VN081987.D
Acq: 03 May 2024 13:12

Instrument :
MSVOA_N
ClientSampleId :
VN0503WBSD01

Tgt Ion:119 Resp: 154760
Ion Ratio Lower Upper
119 100
91 69.6 32.6 97.8
134 25.2 12.4 37.0

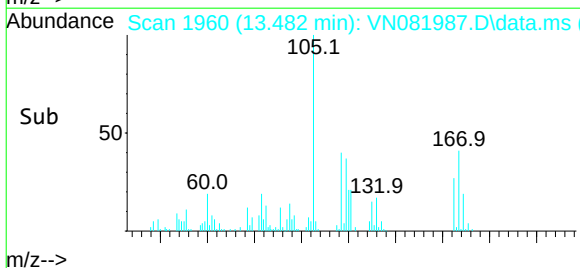
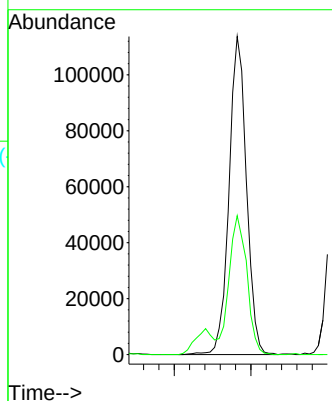
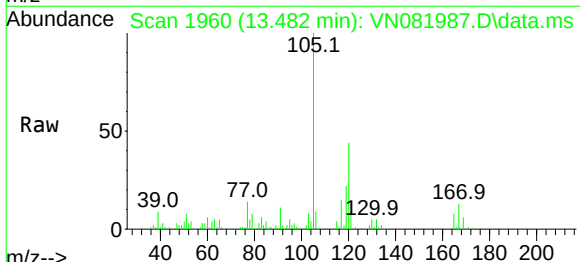
Manual Integrations
APPROVED

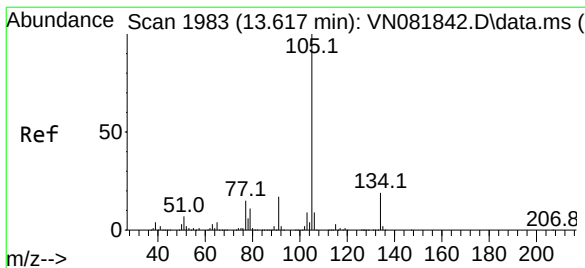
Reviewed By :John Carlone 05/06/2024
Supervised By :Semsettin Yesilyurt 05/06/2024



#84
1,2,4-Trimethylbenzene
Concen: 19.229 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. -0.000 min
Lab File: VN081987.D
Acq: 03 May 2024 13:12

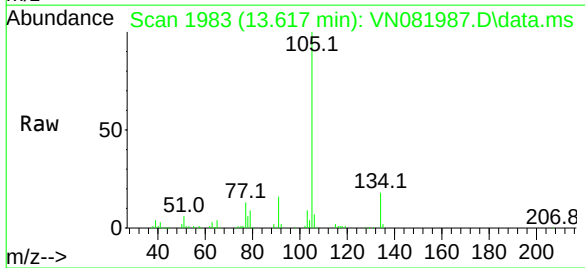
Tgt Ion:105 Resp: 179202
Ion Ratio Lower Upper
105 100
120 45.3 22.9 68.7





#85
sec-Butylbenzene
Concen: 20.579 ug/l
RT: 13.617 min Scan# 1983
Delta R.T. -0.000 min
Lab File: VN081987.D
Acq: 03 May 2024 13:12

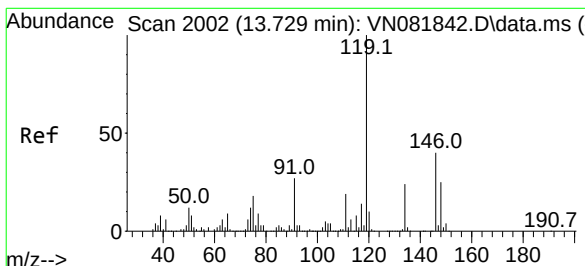
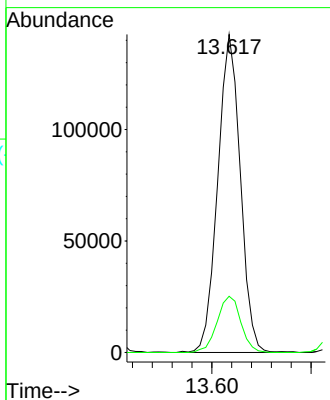
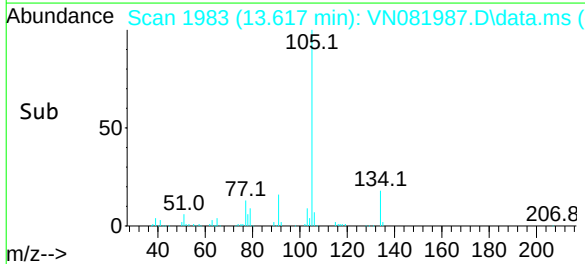
Instrument :
MSVOA_N
ClientSampleId :
VN0503WBSD01



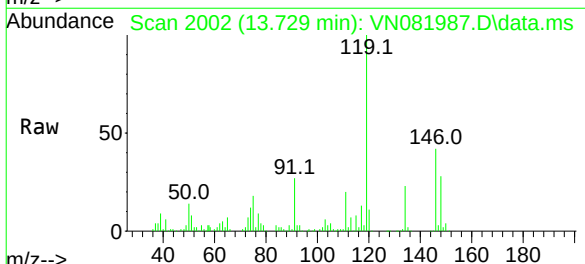
Tgt Ion:105 Resp: 225270
Ion Ratio Lower Upper
105 100
134 18.6 10.2 30.4

Manual Integrations
APPROVED

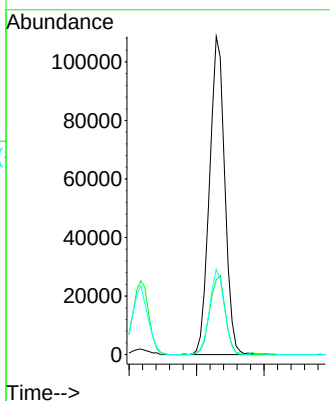
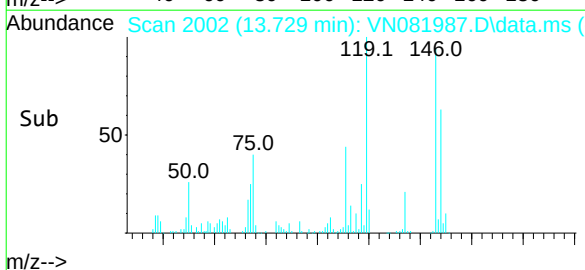
Reviewed By :John Carlone 05/06/2024
Supervised By :Semsettin Yesilyurt 05/06/2024

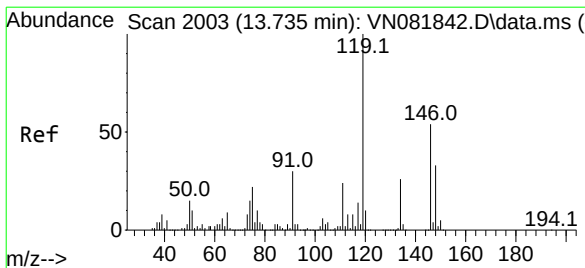


#86
p-Isopropyltoluene
Concen: 19.431 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. -0.000 min
Lab File: VN081987.D
Acq: 03 May 2024 13:12



Tgt Ion:119 Resp: 170788
Ion Ratio Lower Upper
119 100
134 25.2 13.2 39.5
91 26.3 11.8 35.3





#87

1,3-Dichlorobenzene

Concen: 19.950 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. -0.000 min

Lab File: VN081987.D

Acq: 03 May 2024 13:12

Instrument :

MSVOA_N

ClientSampleId :

VN0503WBSD01

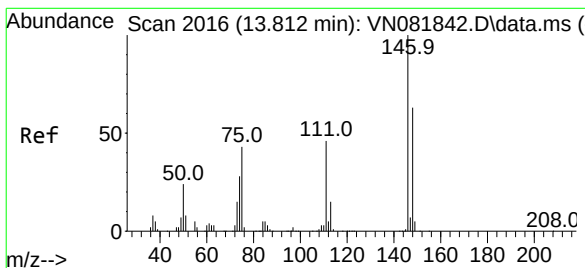
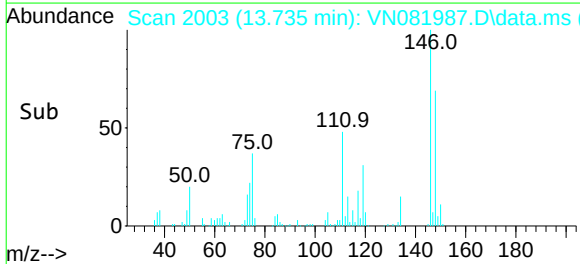
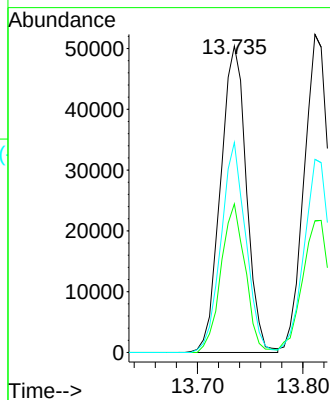
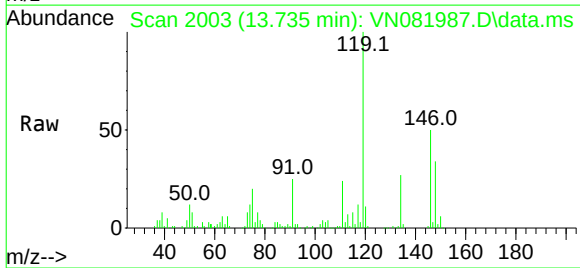
Tgt Ion:	146	Resp:	85904
Ion Ratio	Lower	Upper	
146	100		
111	45.6	20.8	62.5
148	65.7	32.1	96.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/06/2024

Supervised By :Semsettin Yesilyurt 05/06/2024



#88

1,4-Dichlorobenzene

Concen: 20.502 ug/l

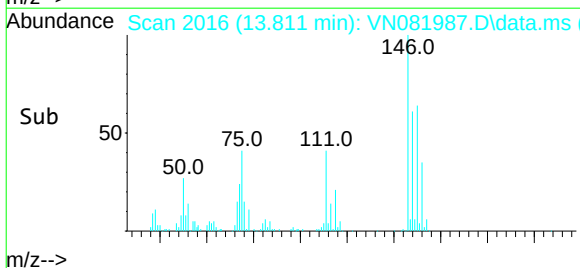
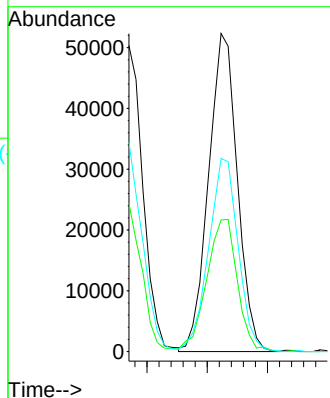
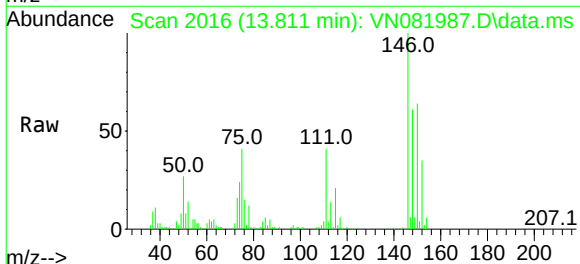
RT: 13.811 min Scan# 2016

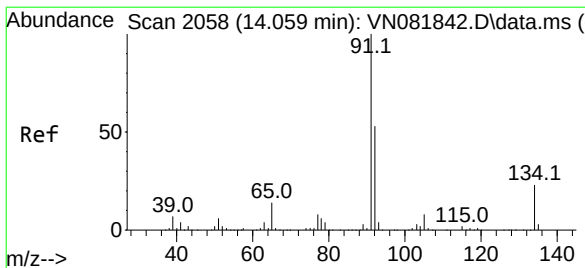
Delta R.T. -0.000 min

Lab File: VN081987.D

Acq: 03 May 2024 13:12

Tgt Ion:	146	Resp:	86933
Ion Ratio	Lower	Upper	
146	100		
111	44.2	19.3	57.9
148	62.3	31.3	93.9





#89

n-Butylbenzene

Concen: 19.388 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. -0.000 min

Lab File: VN081987.D

Acq: 03 May 2024 13:12

Instrument :

MSVOA_N

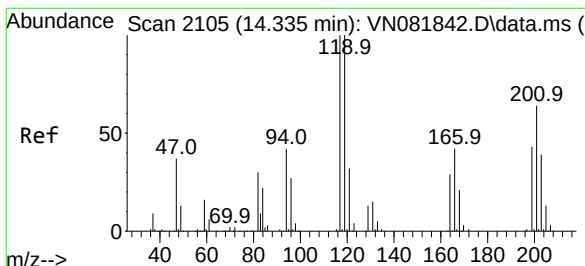
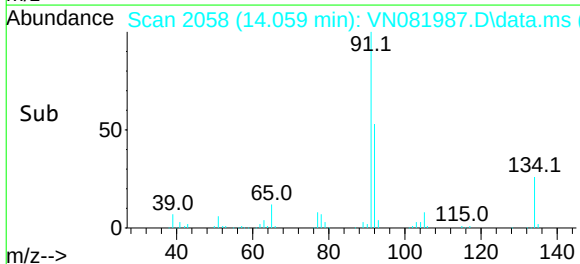
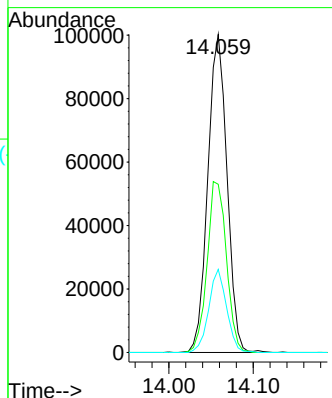
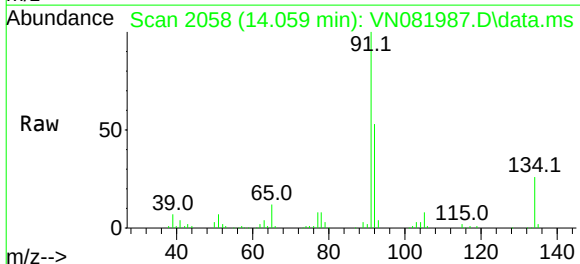
ClientSampleId :

VN0503WBSD01

Tgt Ion:	91	Resp:	158616
Ion Ratio	Lower	Upper	
91	100		
92	54.0	26.2	78.5
134	24.3	13.2	39.5

Manual Integrations
APPROVED

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



#90

Hexachloroethane

Concen: 18.790 ug/l

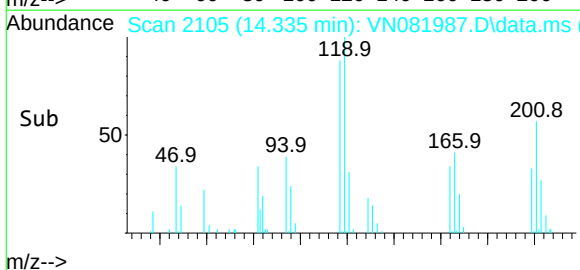
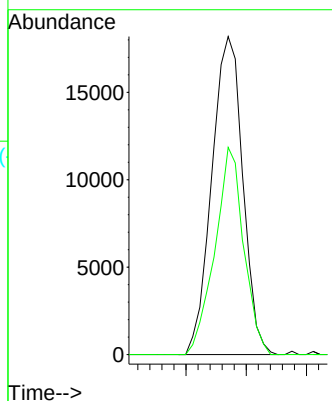
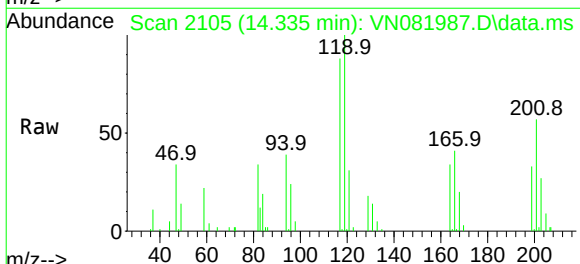
RT: 14.335 min Scan# 2105

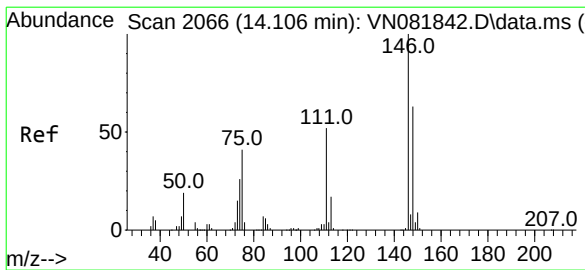
Delta R.T. -0.000 min

Lab File: VN081987.D

Acq: 03 May 2024 13:12

Tgt Ion:	117	Resp:	32489
Ion Ratio	Lower	Upper	
117	100		
201	60.7	33.3	99.8





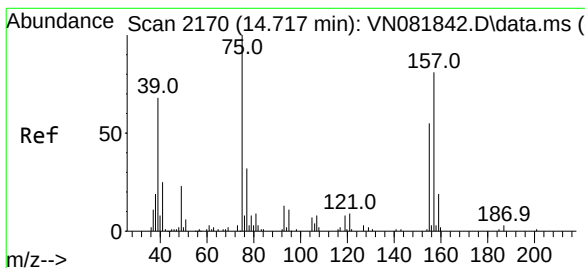
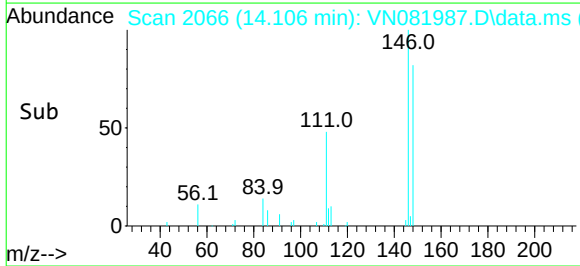
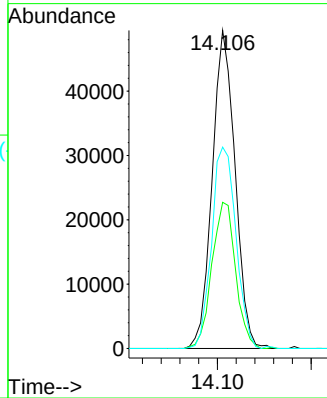
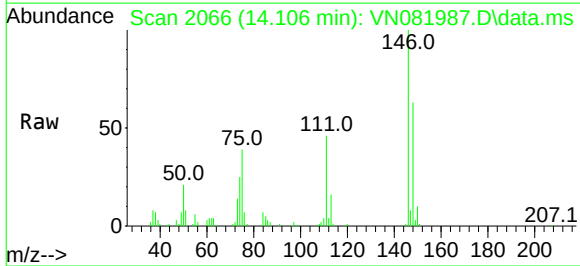
#91
1,2-Dichlorobenzene
Concen: 20.266 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN081987.D
Acq: 03 May 2024 13:12

Instrument :
MSVOA_N
ClientSampleId :
VN0503WBSD01

Tgt Ion	Ratio	Lower	Upper
146	100		
111	47.6	21.3	64.0
148	67.4	31.8	95.4

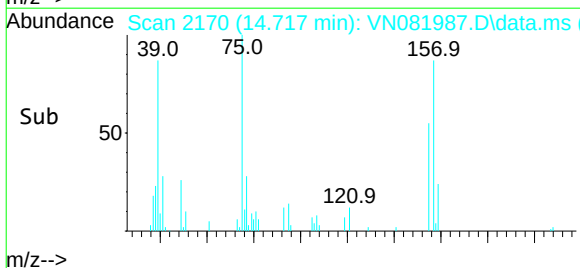
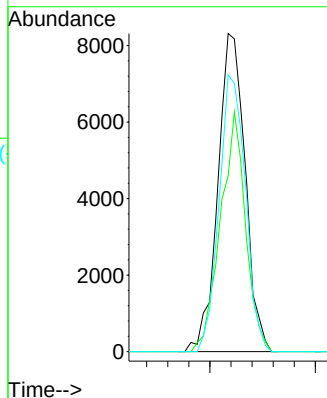
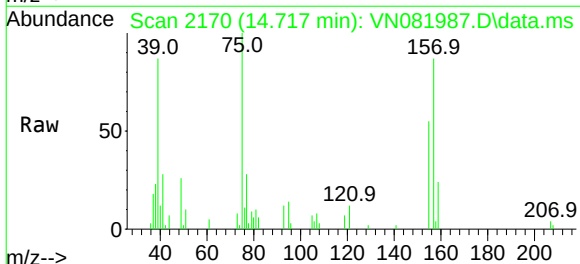
Manual Integrations
APPROVED

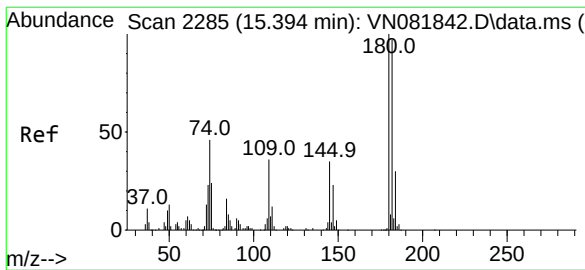
Reviewed By :John Carlone 05/06/2024
Supervised By :Semsettin Yesilyurt 05/06/2024



#92
1,2-Dibromo-3-Chloropropane
Concen: 18.524 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.000 min
Lab File: VN081987.D
Acq: 03 May 2024 13:12

Tgt Ion	Ratio	Lower	Upper
75	100		
155	69.3	42.6	128.0
157	84.1	53.0	159.0





#93

1,2,4-Trichlorobenzene

Concen: 18.857 ug/l

RT: 15.394 min Scan# 2285

Delta R.T. -0.000 min

Lab File: VN081987.D

Acq: 03 May 2024 13:12

Instrument :

MSVOA_N

ClientSampleId :

VN0503WBSD01

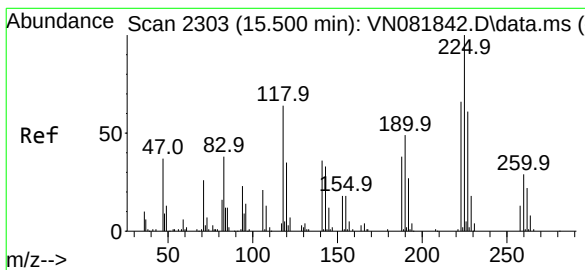
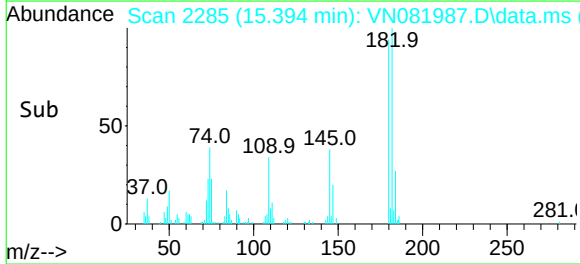
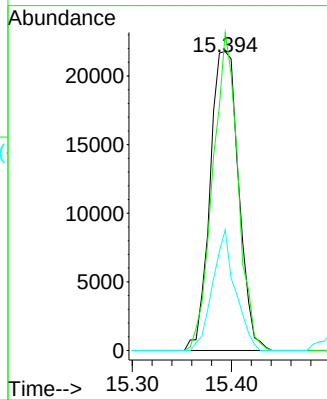
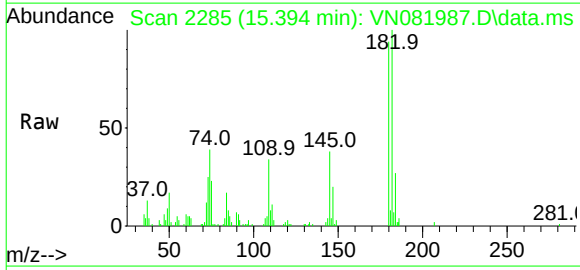
Tgt Ion:	180	Resp:	43546
Ion Ratio	Lower	Upper	
180	100		
182	93.5	46.7	140.0
145	32.0	16.2	48.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/06/2024

Supervised By :Semsettin Yesilyurt 05/06/2024



#94

Hexachlorobutadiene

Concen: 17.740 ug/l

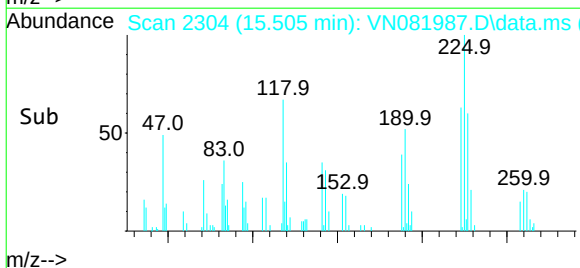
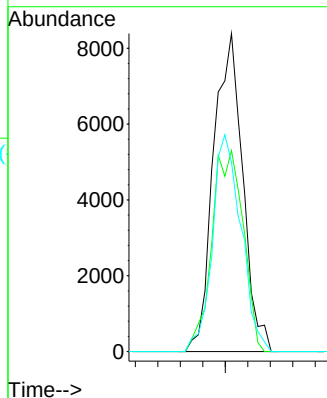
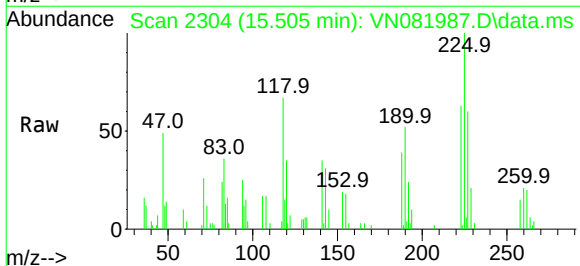
RT: 15.505 min Scan# 2304

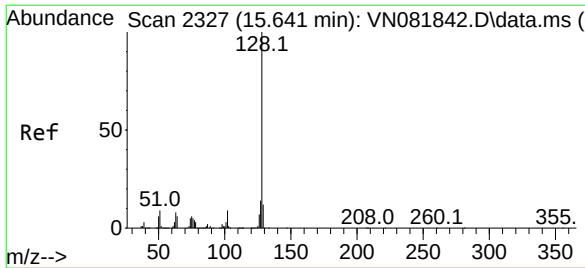
Delta R.T. 0.006 min

Lab File: VN081987.D

Acq: 03 May 2024 13:12

Tgt Ion:	225	Resp:	15100
Ion Ratio	Lower	Upper	
225	100		
223	68.3	31.1	93.2
227	66.9	30.6	91.6





#95

Naphthalene

Concen: 20.616 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. -0.000 min

Lab File: VN081987.D

Acq: 03 May 2024 13:12

Instrument :

MSVOA_N

ClientSampleId :

VN0503WBSD01

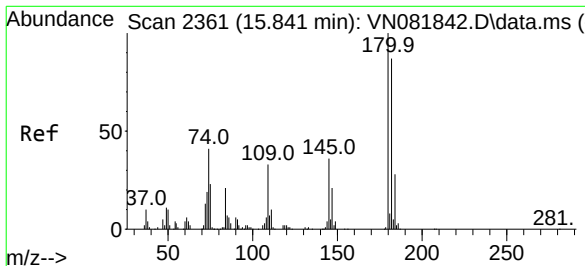
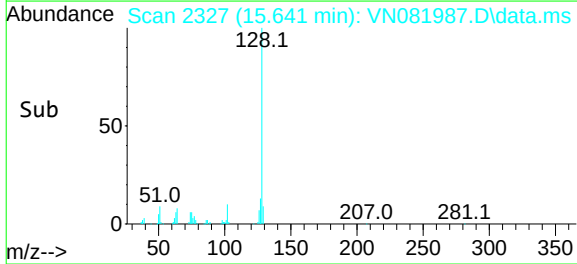
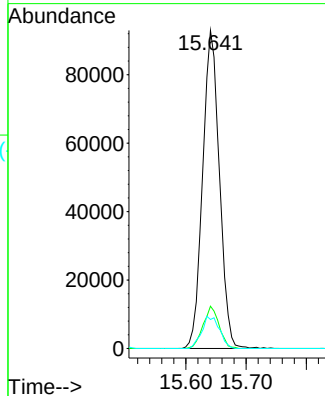
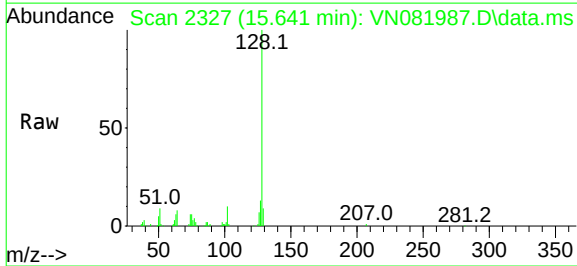
Tgt Ion:	128	Resp:	179898
Ion Ratio	Lower	Upper	
128	100		
127	12.7	10.1	15.1
129	10.7	8.9	13.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/06/2024

Supervised By :Semsettin Yesilyurt 05/06/2024



#96

1,2,3-Trichlorobenzene

Concen: 19.399 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. -0.000 min

Lab File: VN081987.D

Acq: 03 May 2024 13:12

Tgt Ion:	180	Resp:	43012
Ion Ratio	Lower	Upper	
180	100		
182	96.0	46.0	137.8
145	35.6	17.1	51.3

