

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW072522\
 Data File : VW024064.D
 Acq On : 25 Jul 2022 11:12
 Operator : SY/VA
 Sample : VSTDICV025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VICV461

Quant Time: Jul 26 01:20:44 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM072522SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Jul 26 01:19:43 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	227621	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	246718	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	148088	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.343	65	146969	30.122	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 120.480%	
7) Chloroethane-d5	2.873	69	90986	27.600	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 110.400%	
11) 1,1-Dichloroethene-d2	4.013	63	115479	26.880	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 107.520%	
21) 2-Butanone-d5	7.074	46	42696	49.239	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 98.480%	
24) Chloroform-d	7.647	84	160538	25.654	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 102.600%	
26) 1,2-Dichloroethane-d4	8.299	65	93562	26.024	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 104.080%	
32) Benzene-d6	8.269	84	301566	26.313	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 105.240%	
36) 1,2-Dichloropropane-d6	9.268	67	90866	25.136	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 100.560%	
41) Toluene-d8	10.323	98	309671	27.018	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 108.080%	
43) trans-1,3-Dichloroprop...	10.573	79	40841	25.481	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 101.920%	
47) 2-Hexanone-d5	10.921	63	39523	52.297	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 104.600%	
56) 1,1,2,2-Tetrachloroeth...	12.689	84	106086	25.434	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 101.720%	
66) 1,2-Dichlorobenzene-d4	13.847	152	120927	25.214	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 100.840%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.001	85	46474	27.645	ug/L	95
3) Chloromethane	2.209	50	122502	28.068	ug/L	96
5) Vinyl chloride	2.349	62	194224	28.552	ug/L	99
6) Bromomethane	2.764	94	112554	29.950	ug/L	94
8) Chloroethane	2.910	64	81595	27.267	ug/L	97
9) Trichlorofluoromethane	3.245	101	82380	26.014	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.050	101	78791	26.865	ug/L #	74
12) 1,1-Dichloroethene	4.032	96	63545	26.433	ug/L	92
13) Acetone	4.123	43	29923	48.630	ug/L	98
14) Carbon disulfide	4.379	76	200916	27.211	ug/L	96
15) Methyl Acetate	4.672	43	40201	27.083	ug/L	98
16) Methylene chloride	4.910	84	82431	23.793	ug/L	96
17) trans-1,2-Dichloroethene	5.415	96	80859	27.491	ug/L	95
18) Methyl tert-butyl Ether	5.422	73	123174	28.251	ug/L	99
19) 1,1-Dichloroethane	6.202	63	149658	26.937	ug/L	94
20) cis-1,2-Dichloroethene	7.165	96	89790	27.800	ug/L	92
22) 2-Butanone	7.171	43	54398	55.079	ug/L	97
23) Bromochloromethane	7.513	128	45687	27.487	ug/L	89
25) Chloroform	7.671	83	174844	27.198	ug/L	98

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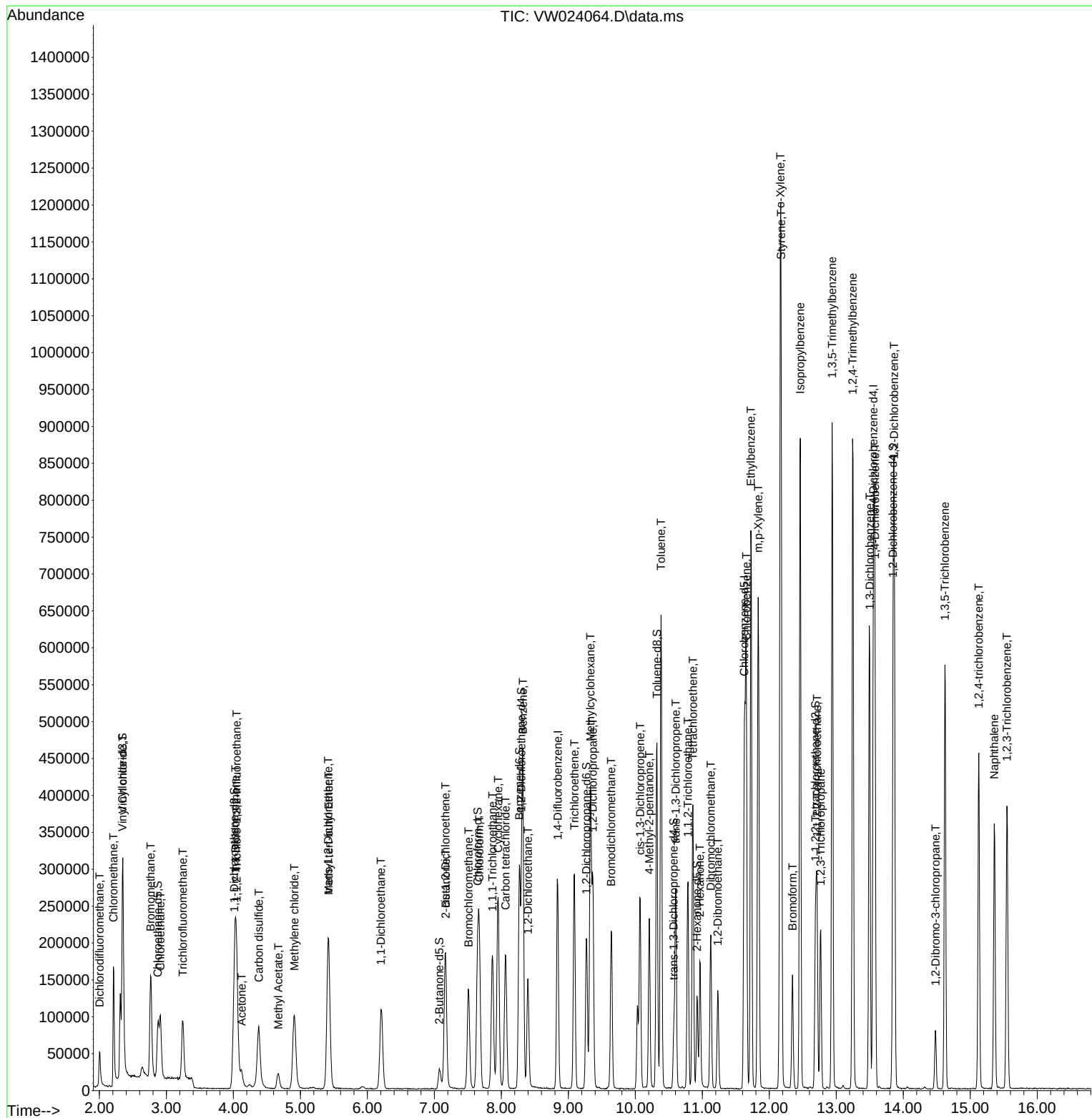
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.397	62	127778	27.908	ug/L	99
29) Cyclohexane	7.952	56	126679	27.868	ug/L	100
30) 1,1,1-Trichloroethane	7.866	97	140849	25.540	ug/L	99
31) Carbon tetrachloride	8.061	117	129282	25.432	ug/L	98
33) Benzene	8.324	78	389547	27.331	ug/L	100
34) Trichloroethene	9.092	95	96711	25.624	ug/L	97
35) Methylcyclohexane	9.329	83	160074	27.917	ug/L	98
37) 1,2-Dichloropropane	9.366	63	96093	26.668	ug/L	100
38) Bromodichloromethane	9.640	83	138192	26.899	ug/L	98
39) cis-1,3-Dichloropropene	10.073	75	143793	27.390	ug/L	97
40) 4-Methyl-2-pentanone	10.207	43	139429	55.608	ug/L	99
42) Toluene	10.384	91	458114	28.416	ug/L	97
44) trans-1,3-Dichloropropene	10.604	75	141524	28.466	ug/L	97
45) 1,1,2-Trichloroethane	10.786	97	85800	27.257	ug/L	98
46) Tetrachloroethene	10.860	164	77742	26.318	ug/L	91
48) 2-Hexanone	10.963	43	104617	57.575	ug/L	98
49) Dibromochloromethane	11.128	129	102238	27.797	ug/L	100
50) 1,2-Dibromoethane	11.232	107	82465	26.757	ug/L	98
51) Chlorobenzene	11.658	112	296187	27.298	ug/L	96
52) Ethylbenzene	11.725	91	522172	29.390	ug/L	100
53) m,p-Xylene	11.835	106	209671	30.404	ug/L	96
54) o-Xylene	12.164	106	201249	30.517	ug/L	97
55) Styrene	12.176	104	366885	31.054	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.713	83	118439	27.148	ug/L	99
59) Bromoform	12.347	173	59373	25.938	ug/L	98
60) Isopropylbenzene	12.463	105	548464	29.240	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	85943	25.820	ug/L	98
62) 1,3,5-Trimethylbenzene	12.939	105	451930	29.947	ug/L	97
63) 1,2,4-Trimethylbenzene	13.243	105	460668	30.161	ug/L	99
64) 1,3-Dichlorobenzene	13.499	146	244664	27.272	ug/L	98
65) 1,4-Dichlorobenzene	13.579	146	259831	27.283	ug/L	98
67) 1,2-Dichlorobenzene	13.865	146	244338	29.117	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.481	75	19192	25.804	ug/L	91
69) 1,3,5-Trichlorobenzene	14.621	180	160728	28.094	ug/L	97
70) 1,2,4-trichlorobenzene	15.127	180	127047	29.308	ug/L	95
71) Naphthalene	15.359	128	289986	31.263	ug/L	100
72) 1,2,3-Trichlorobenzene	15.548	180	120451	29.540	ug/L	95

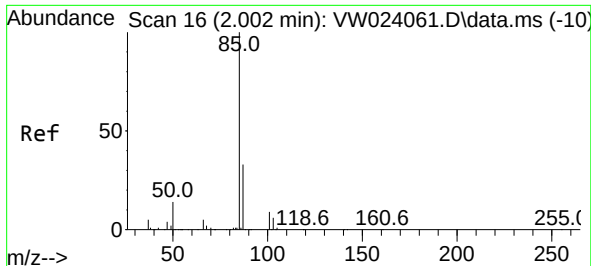
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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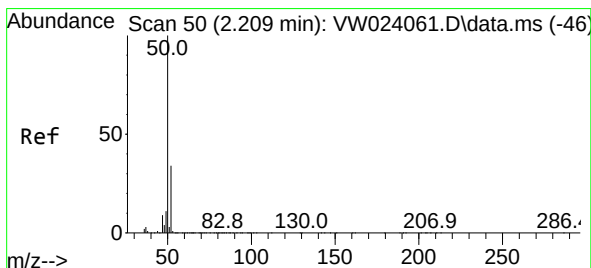
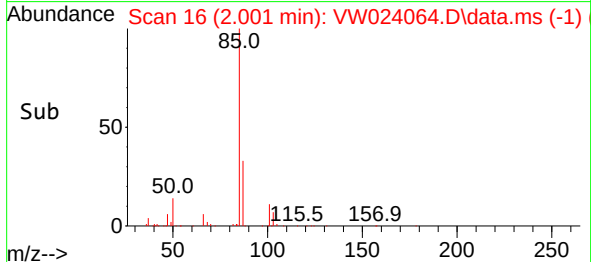
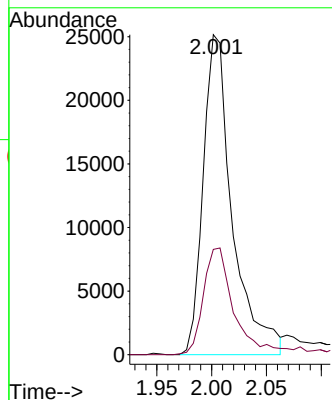
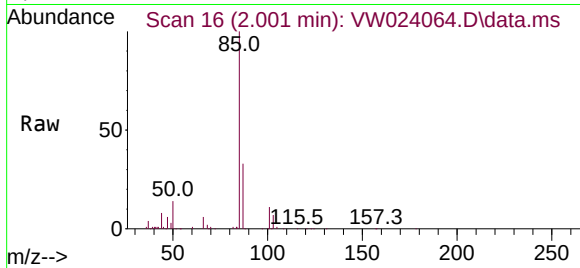




#2
 Dichlorodifluoromethane
 Concen: 27.645 ug/L
 RT: 2.001 min Scan# 1
 Delta R.T. -0.000 min
 Lab File: VW024064.D
 Acq: 25 Jul 2022 11:12

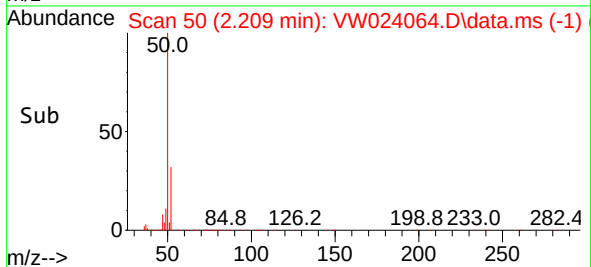
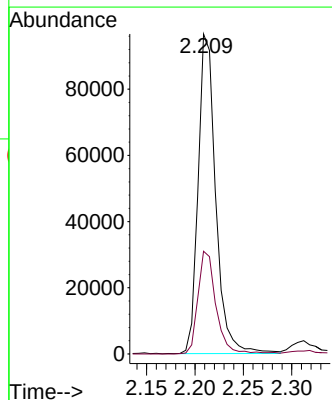
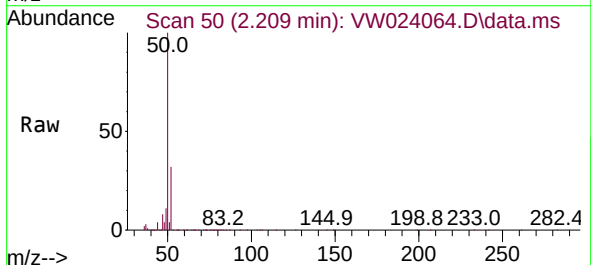
Instrument :
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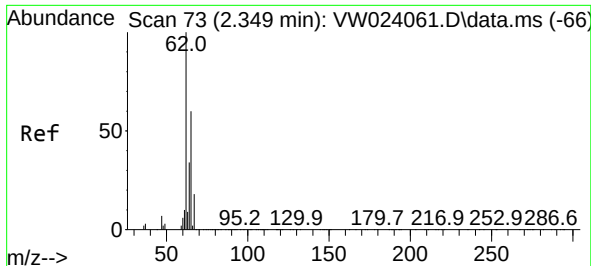
Tgt Ion: 85 Resp: 46474
 Ion Ratio Lower Upper
 85 100
 87 32.9 24.2 36.2



#3
 Chloromethane
 Concen: 28.068 ug/L
 RT: 2.209 min Scan# 50
 Delta R.T. 0.000 min
 Lab File: VW024064.D
 Acq: 25 Jul 2022 11:12

Tgt Ion: 50 Resp: 122502
 Ion Ratio Lower Upper
 50 100
 52 32.1 23.9 44.5

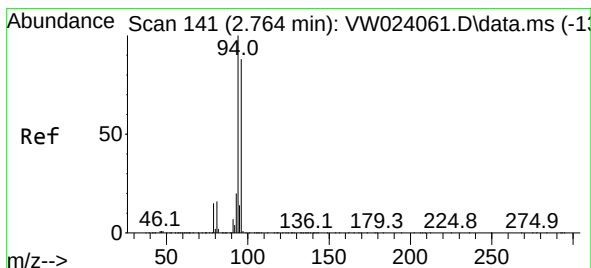
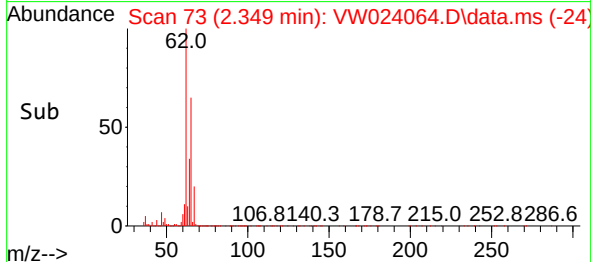
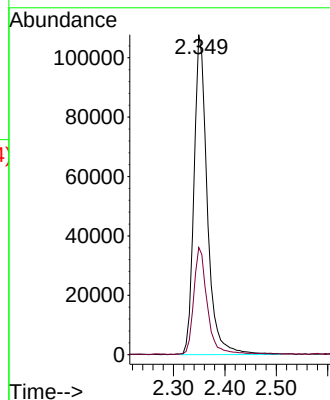
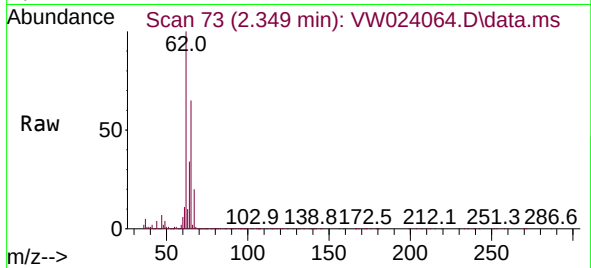




#5
 Vinyl chloride
 Concen: 28.552 ug/L
 RT: 2.349 min Scan# 73
 Delta R.T. -0.000 min
 Lab File: VW024064.D
 Acq: 25 Jul 2022 11:12

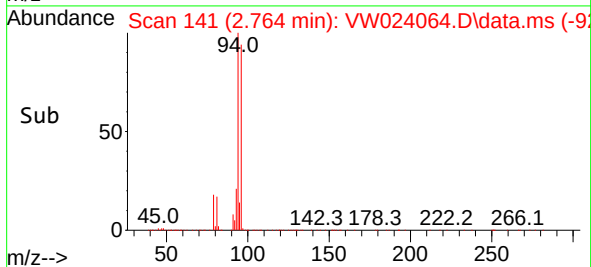
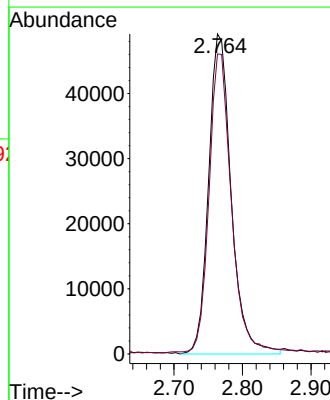
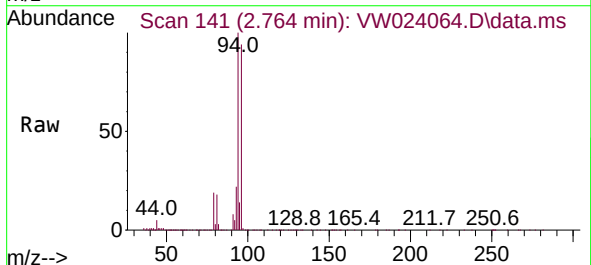
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 ClientSampleId :
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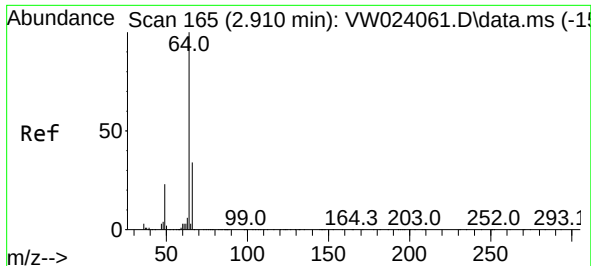
Tgt Ion: 62 Resp: 194224
 Ion Ratio Lower Upper
 62 100
 64 33.5 23.9 44.3



#6
 Bromomethane
 Concen: 29.950 ug/L
 RT: 2.764 min Scan# 141
 Delta R.T. -0.000 min
 Lab File: VW024064.D
 Acq: 25 Jul 2022 11:12

Tgt Ion: 94 Resp: 112554
 Ion Ratio Lower Upper
 94 100
 96 93.7 61.9 114.9

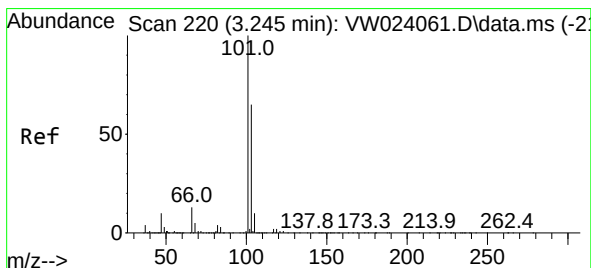
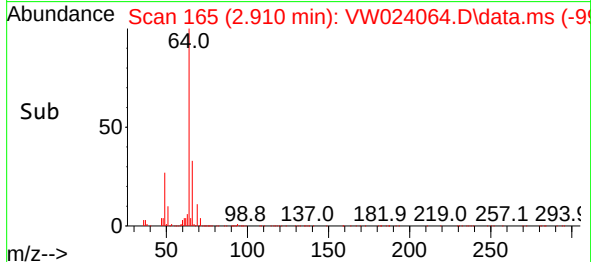
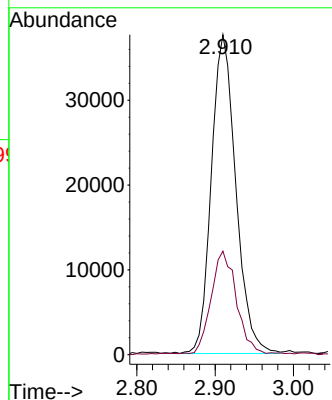
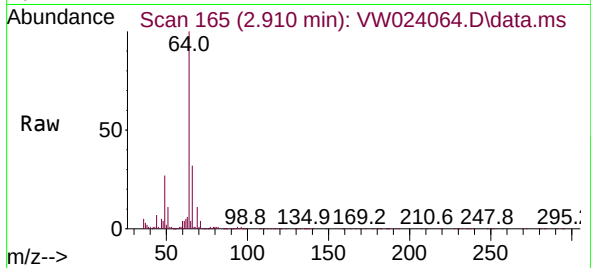




#8
Chloroethane
Concen: 27.267 ug/L
RT: 2.910 min Scan# 165
Delta R.T. -0.000 min
Lab File: VW024064.D
Acq: 25 Jul 2022 11:12

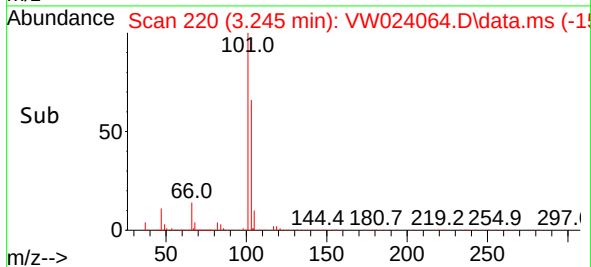
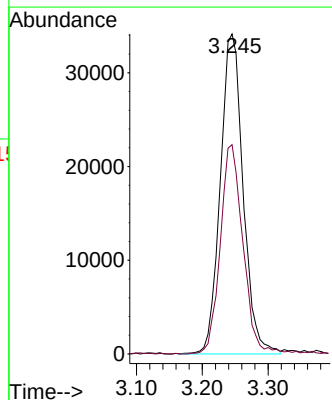
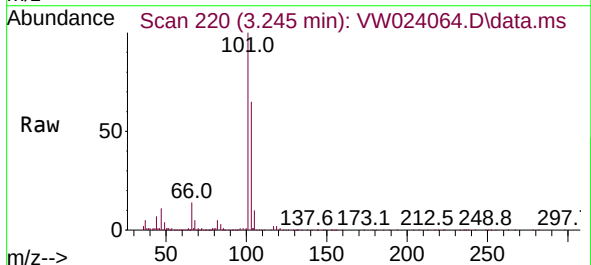
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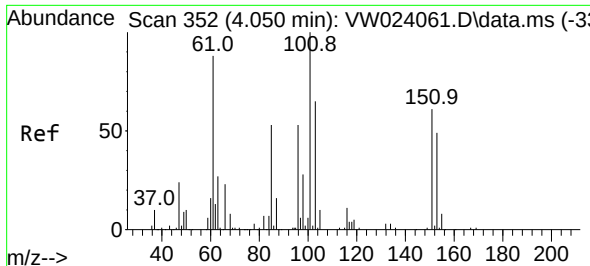
Tgt Ion: 64 Resp: 81595
Ion Ratio Lower Upper
64 100
66 32.4 23.9 44.3



#9
Trichlorofluoromethane
Concen: 26.014 ug/L
RT: 3.245 min Scan# 220
Delta R.T. 0.000 min
Lab File: VW024064.D
Acq: 25 Jul 2022 11:12

Tgt Ion: 101 Resp: 82380
Ion Ratio Lower Upper
101 100
103 64.7 52.4 78.6

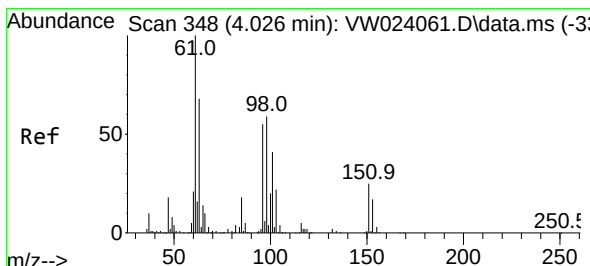
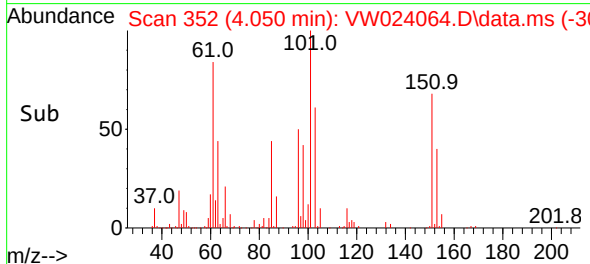
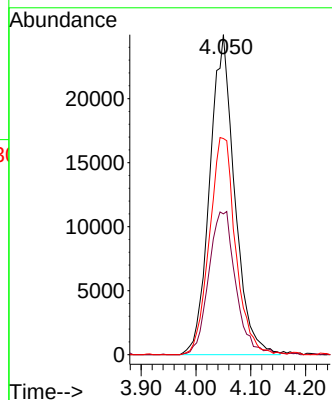
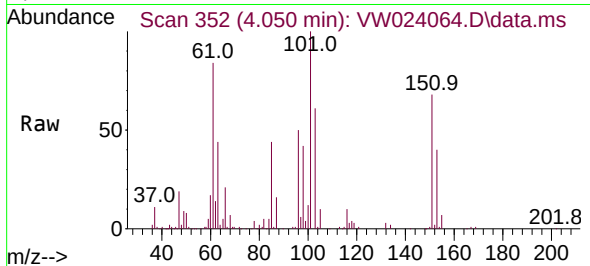




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 26.865 ug/L
 RT: 4.050 min Scan# 352
 Delta R.T. 0.000 min
 Lab File: VW024064.D
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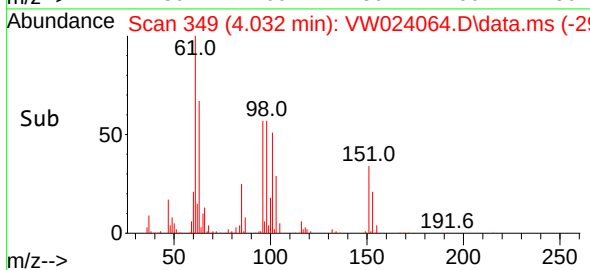
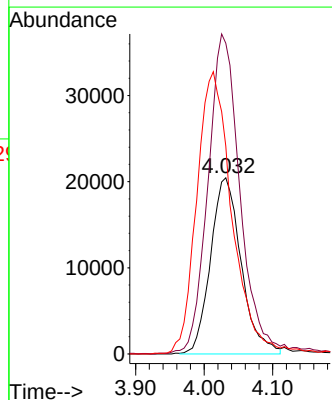
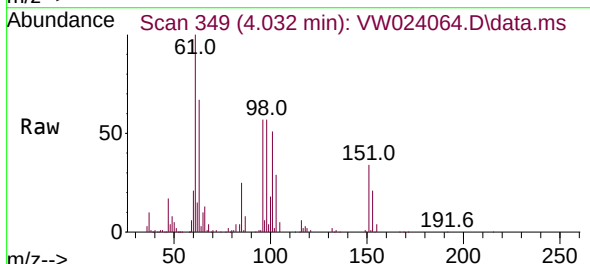
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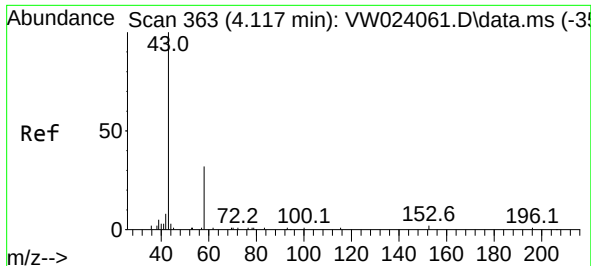
Tgt Ion:101 Resp: 78791
 Ion Ratio Lower Upper
 101 100
 85 47.6 39.8 59.8
 151 71.3 30.5 45.7#



#12
 1,1-Dichloroethene
 Concen: 26.433 ug/L
 RT: 4.032 min Scan# 349
 Delta R.T. 0.006 min
 Lab File: VW024064.D
 Acq: 25 Jul 2022 11:12

Tgt Ion: 96 Resp: 63545
 Ion Ratio Lower Upper
 96 100
 61 176.3 128.4 238.4
 63 117.9 93.1 172.9

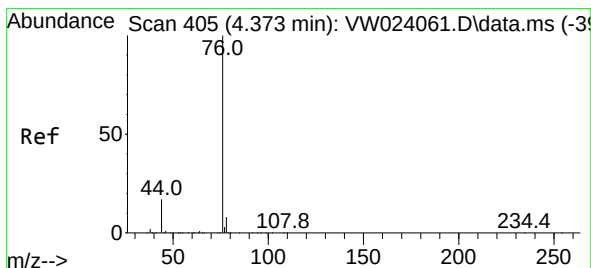
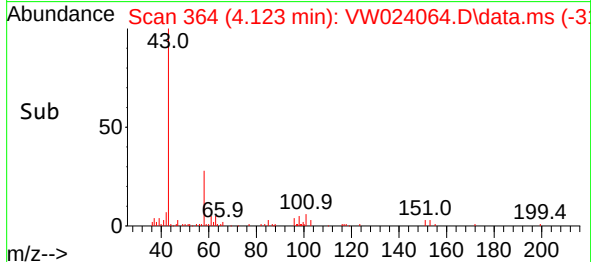
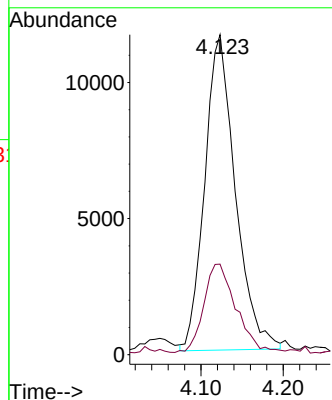
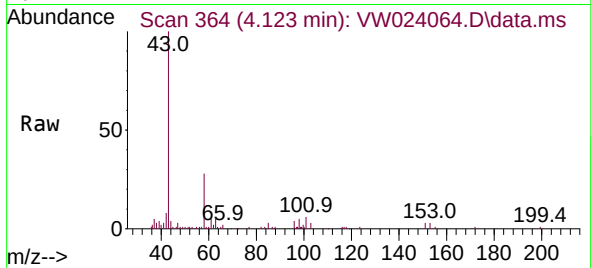




#13
Acetone
Concen: 48.630 ug/L
RT: 4.123 min Scan# 364
Delta R.T. 0.006 min
Lab File: VW024064.D
Acq: 25 Jul 2022 11:12

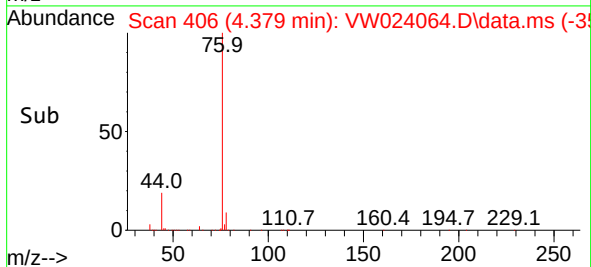
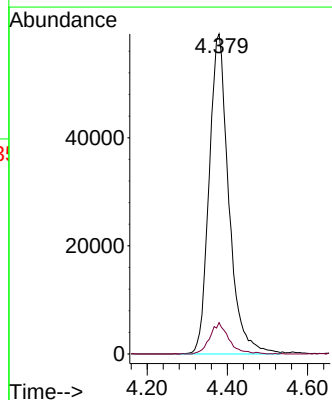
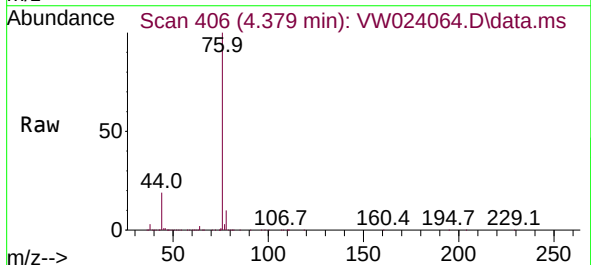
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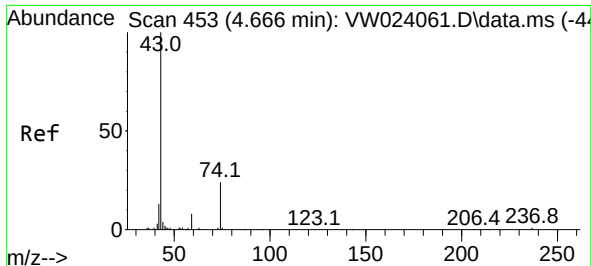
Tgt Ion: 43 Resp: 29923
Ion Ratio Lower Upper
43 100
58 28.7 0.0 60.0



#14
Carbon disulfide
Concen: 27.211 ug/L
RT: 4.379 min Scan# 406
Delta R.T. 0.006 min
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Tgt Ion: 76 Resp: 200916
Ion Ratio Lower Upper
76 100
78 9.8 6.6 10.0

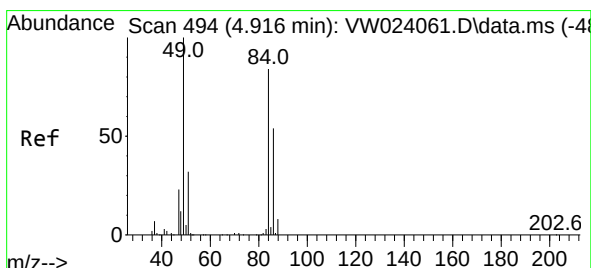
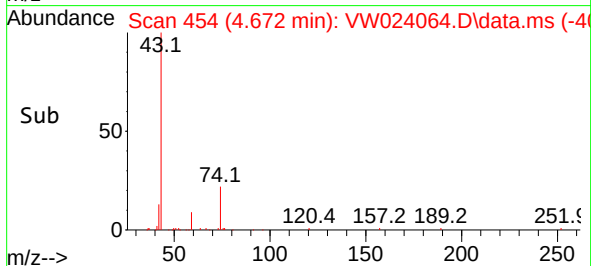
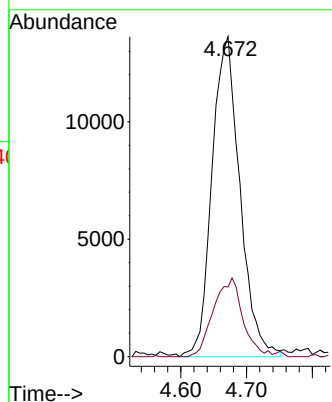
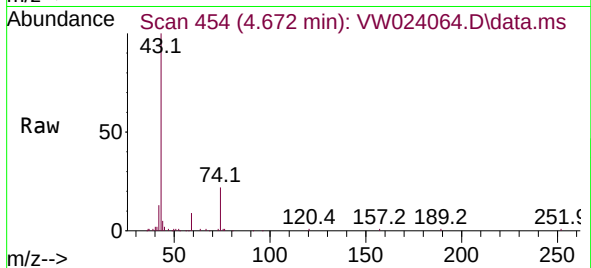




#15
Methyl Acetate
Concen: 27.083 ug/L
RT: 4.672 min Scan# 41
Delta R.T. 0.006 min
Lab File: VW024064.D
Acq: 25 Jul 2022 11:12

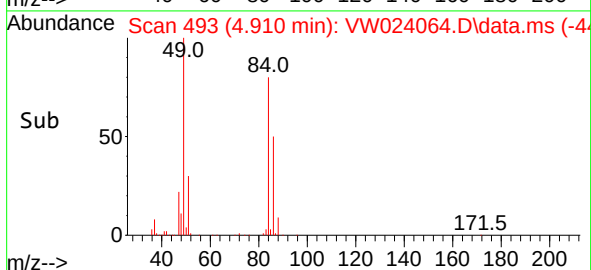
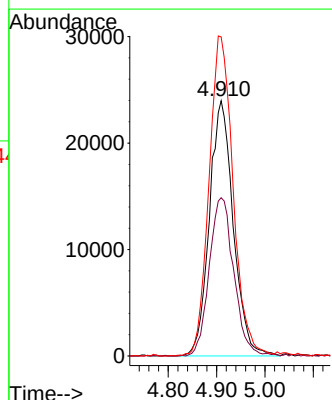
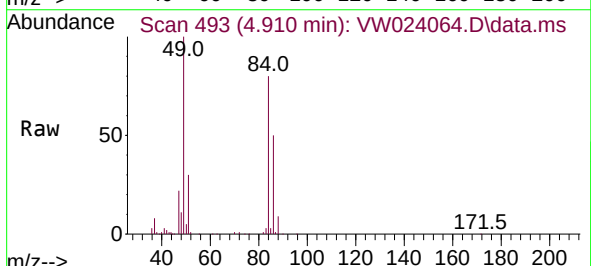
Instrument :
MSVOA_W
ClientSampleId :
VICV461

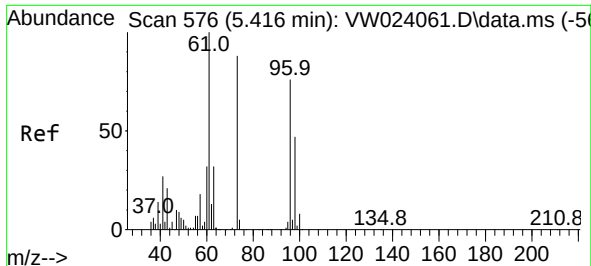
Tgt Ion: 43 Resp: 40201
Ion Ratio Lower Upper
43 100
74 25.4 21.1 31.7



#16
Methylene chloride
Concen: 23.793 ug/L
RT: 4.910 min Scan# 493
Delta R.T. -0.006 min
Lab File: VW024064.D
Acq: 25 Jul 2022 11:12

Tgt Ion: 84 Resp: 82431
Ion Ratio Lower Upper
84 100
86 62.0 44.7 83.1
49 124.9 83.7 155.4

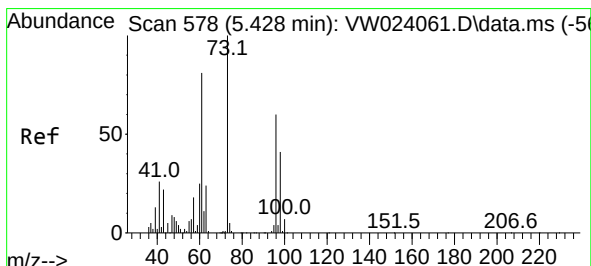
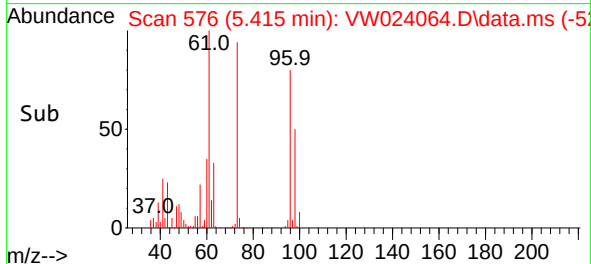
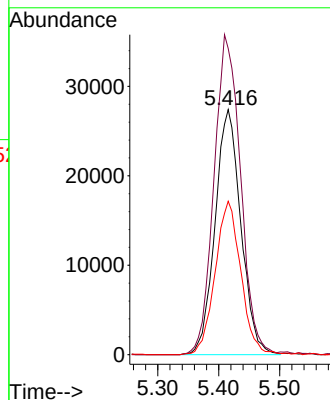
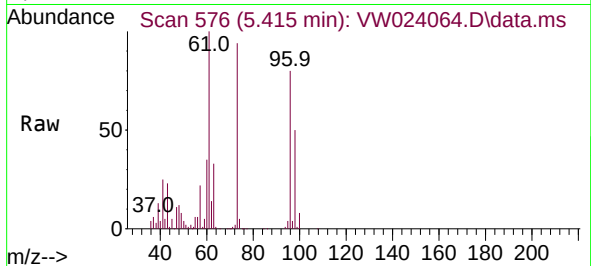




#17
trans-1,2-Dichloroethene
Concen: 27.491 ug/L
RT: 5.415 min Scan# 576
Delta R.T. -0.000 min
Lab File: VW024064.D
Acq: 25 Jul 2022 11:12

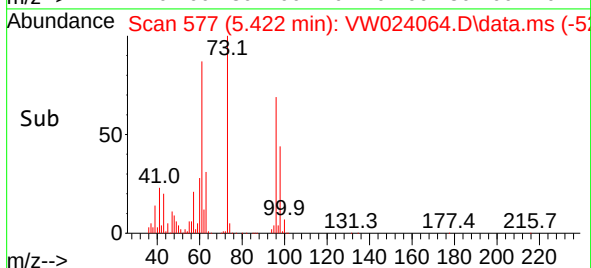
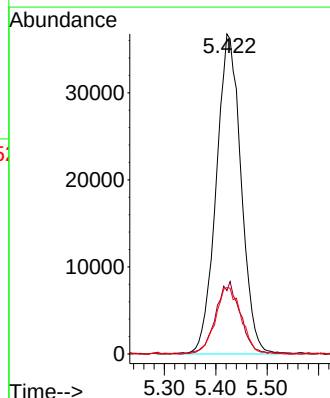
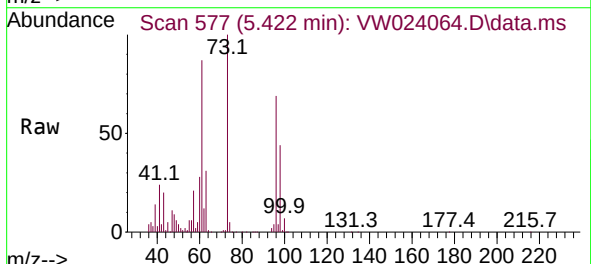
Instrument :
MSVOA_W
ClientSampleId :
VICV461

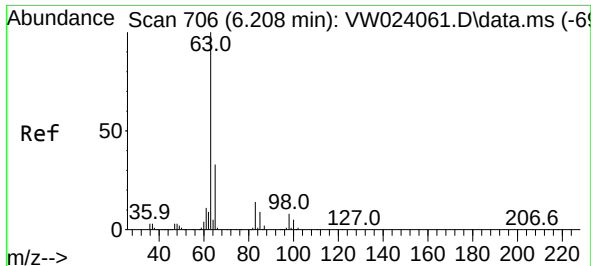
Tgt Ion: 96 Resp: 80859
Ion Ratio Lower Upper
96 100
61 124.9 92.7 172.1
98 62.6 44.1 81.9



#18
Methyl tert-butyl Ether
Concen: 28.251 ug/L
RT: 5.422 min Scan# 577
Delta R.T. -0.006 min
Lab File: VW024064.D
Acq: 25 Jul 2022 11:12

Tgt Ion: 73 Resp: 123174
Ion Ratio Lower Upper
73 100
43 21.8 17.3 25.9
57 21.7 16.6 25.0





#19

1,1-Dichloroethane

Concen: 26.937 ug/L

RT: 6.202 min Scan# 706

Delta R.T. -0.006 min

Lab File: VW024064.D

Acq: 25 Jul 2022 11:12

Instrument :

MSVOA_W

ClientSampleId :

VICV461

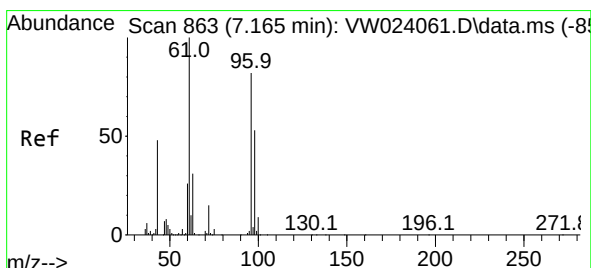
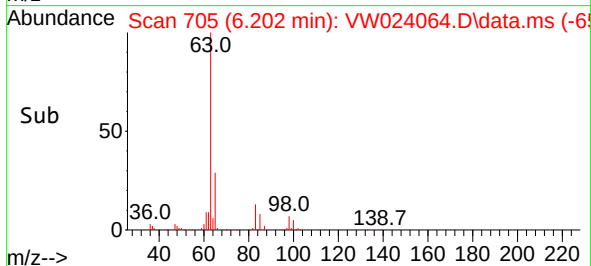
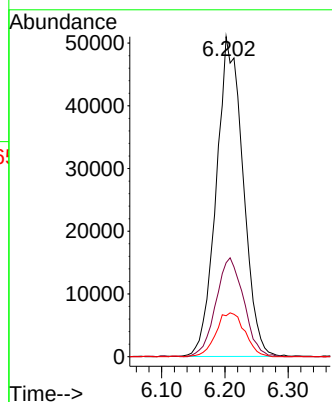
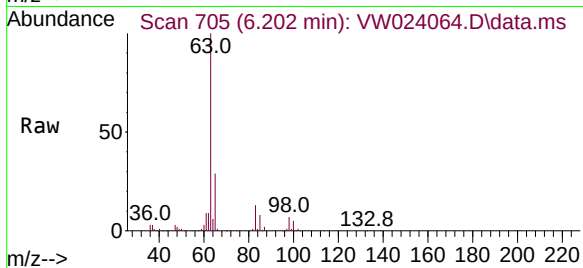
Tgt Ion: 63 Resp: 149658

Ion Ratio Lower Upper

63 100

65 29.4 23.4 43.4

83 12.8 9.7 17.9



#20

cis-1,2-Dichloroethene

Concen: 27.800 ug/L

RT: 7.165 min Scan# 863

Delta R.T. -0.000 min

Lab File: VW024064.D

Acq: 25 Jul 2022 11:12

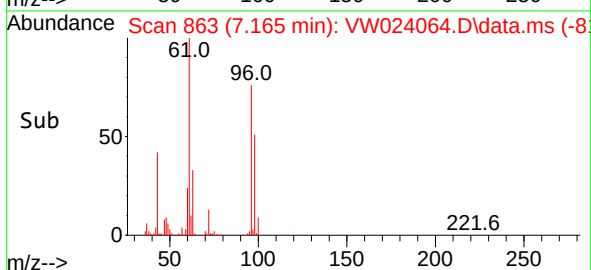
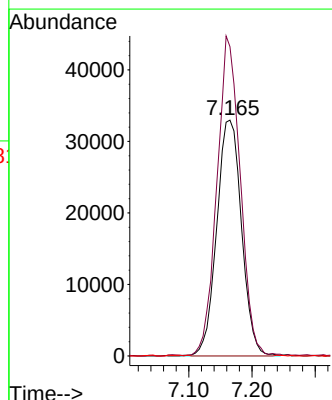
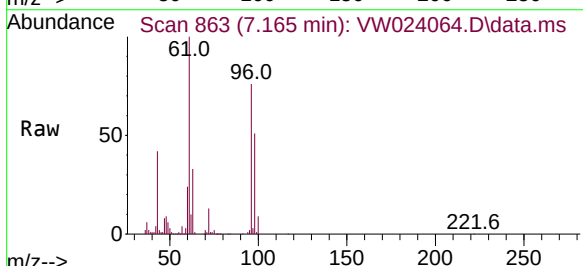
Tgt Ion: 96 Resp: 89790

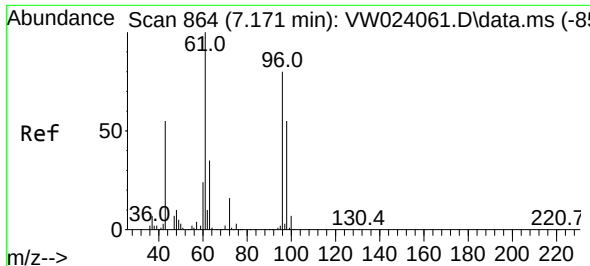
Ion Ratio Lower Upper

96 100

61 131.1 85.3 158.3

68 0.0 0.0 0.0

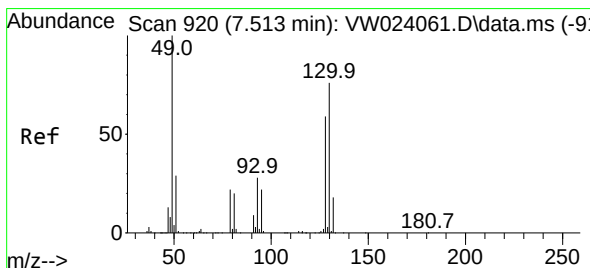
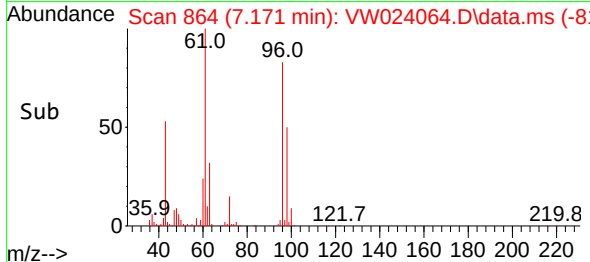
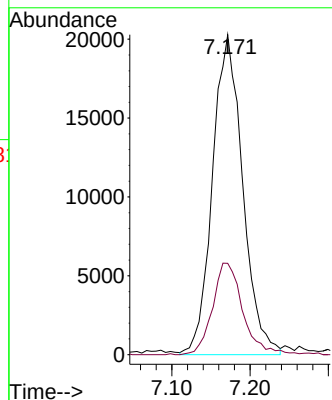
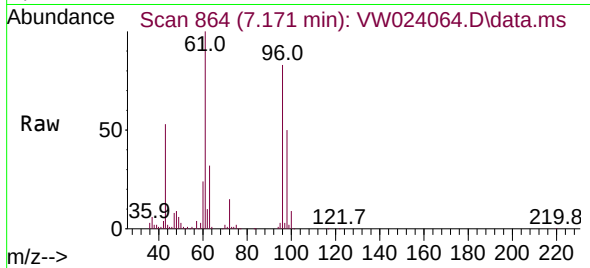




#22
2-Butanone
Concen: 55.079 ug/L
RT: 7.171 min Scan# 864
Delta R.T. -0.000 min
Lab File: VW024064.D
Acq: 25 Jul 2022 11:12

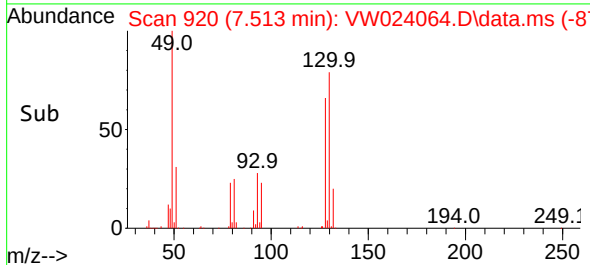
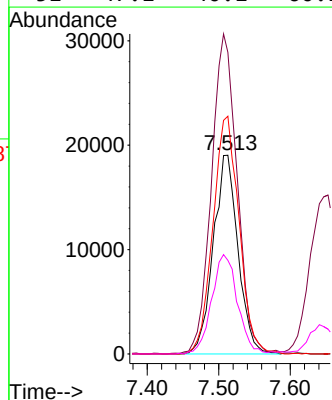
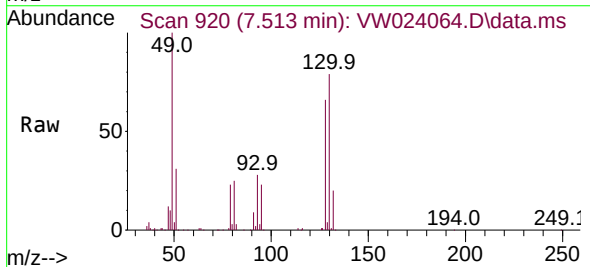
Instrument :
MSVOA_W
ClientSampleId :
VICV461

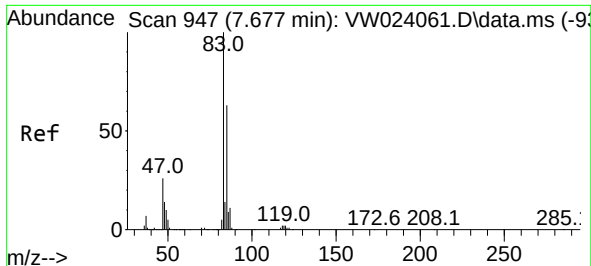
Tgt Ion: 43 Resp: 54398
Ion Ratio Lower Upper
43 100
72 28.6 15.0 45.0



#23
Bromochloromethane
Concen: 27.487 ug/L
RT: 7.513 min Scan# 920
Delta R.T. -0.000 min
Lab File: VW024064.D
Acq: 25 Jul 2022 11:12

Tgt Ion: 128 Resp: 45687
Ion Ratio Lower Upper
128 100
49 151.7 119.8 222.4
130 119.7 90.7 168.5
51 47.1 40.1 60.1

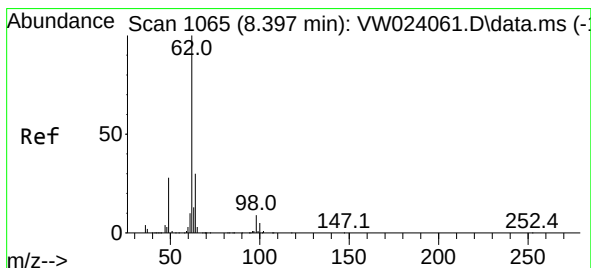
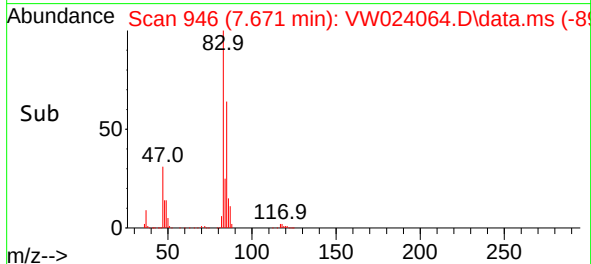
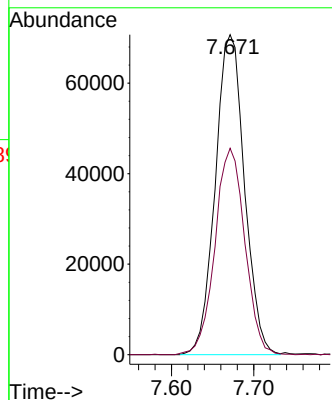
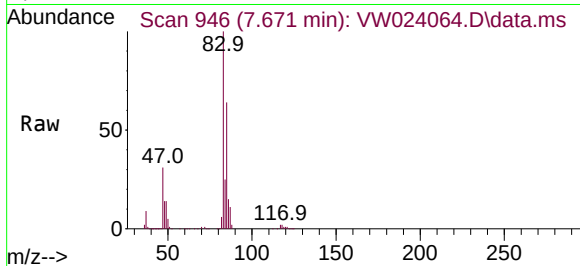




#25
Chloroform
Concen: 27.198 ug/L
RT: 7.671 min Scan# 947
Delta R.T. -0.006 min
Lab File: VW024064.D
Acq: 25 Jul 2022 11:12

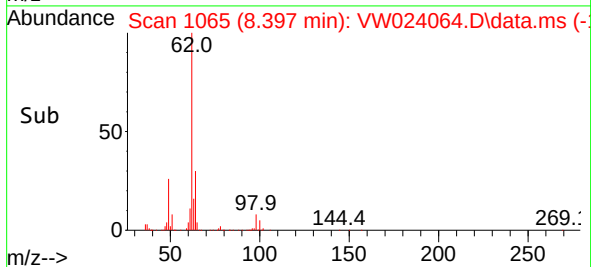
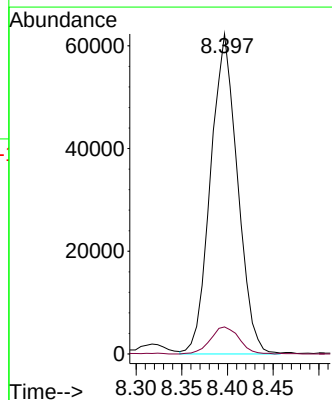
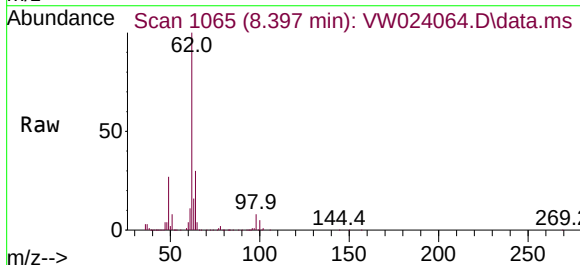
Instrument :
MSVOA_W
ClientSampleId :
VICV461

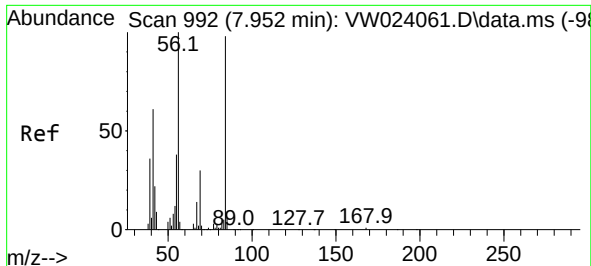
Tgt Ion: 83 Resp: 174844
Ion Ratio Lower Upper
83 100
85 64.5 44.1 81.9



#27
1,2-Dichloroethane
Concen: 27.908 ug/L
RT: 8.397 min Scan# 1065
Delta R.T. 0.000 min
Lab File: VW024064.D
Acq: 25 Jul 2022 11:12

Tgt Ion: 62 Resp: 127778
Ion Ratio Lower Upper
62 100
98 8.5 7.1 10.7





#29

Cyclohexane

Concen: 27.868 ug/L

RT: 7.952 min Scan# 992

Delta R.T. -0.000 min

Lab File: VW024064.D

Acq: 25 Jul 2022 11:12

Instrument :

MSVOA_W

ClientSampleId :

VICV461

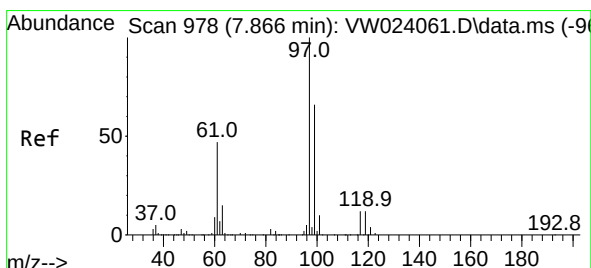
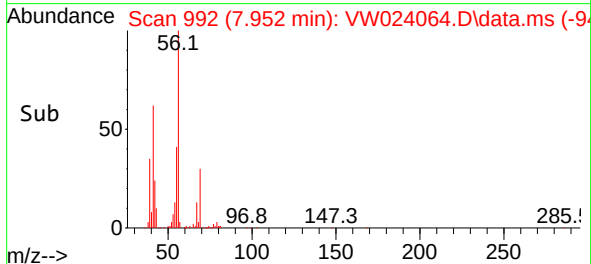
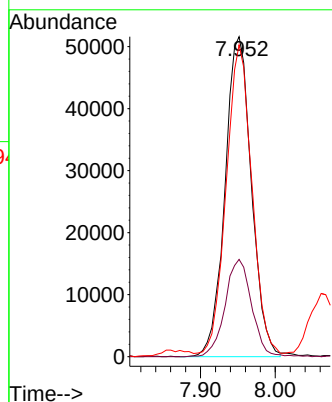
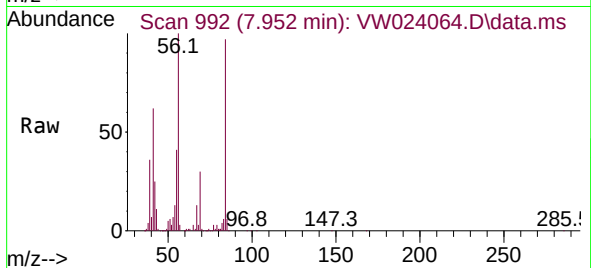
Tgt Ion: 56 Resp: 126679

Ion Ratio Lower Upper

56 100

69 30.6 24.1 36.1

84 95.6 76.2 114.4



#30

1,1,1-Trichloroethane

Concen: 25.540 ug/L

RT: 7.866 min Scan# 978

Delta R.T. -0.000 min

Lab File: VW024064.D

Acq: 25 Jul 2022 11:12

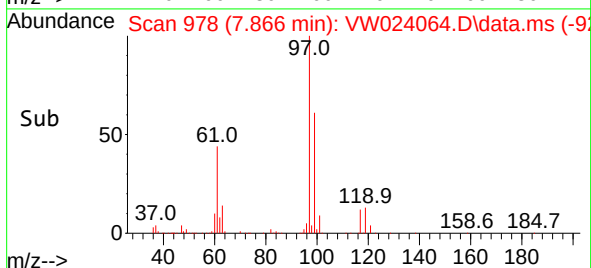
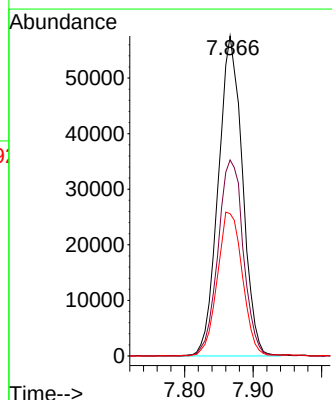
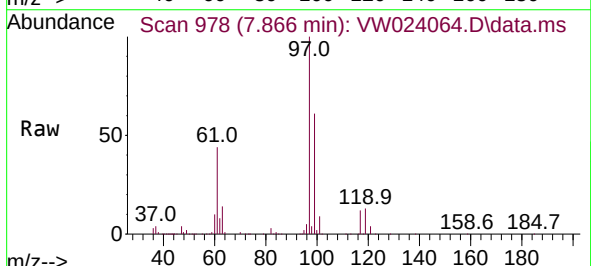
Tgt Ion: 97 Resp: 140849

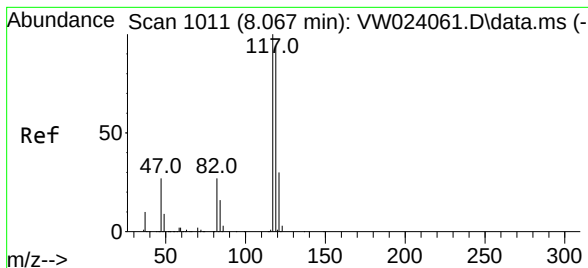
Ion Ratio Lower Upper

97 100

99 64.2 51.7 77.5

61 46.6 37.8 56.6

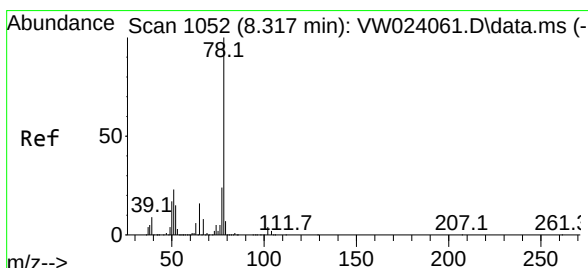
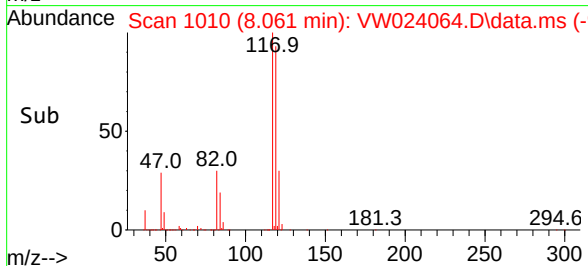
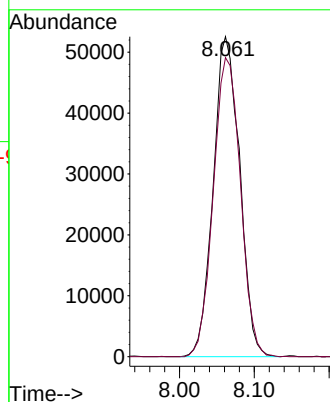
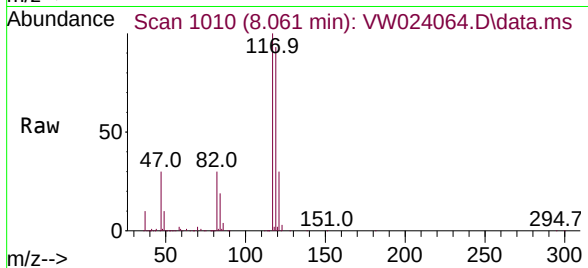




#31
Carbon tetrachloride
Concen: 25.432 ug/L
RT: 8.061 min Scan# 1011
Delta R.T. -0.006 min
Lab File: VW024064.D
Acq: 25 Jul 2022 11:12

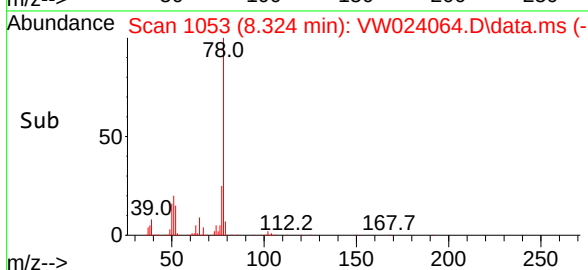
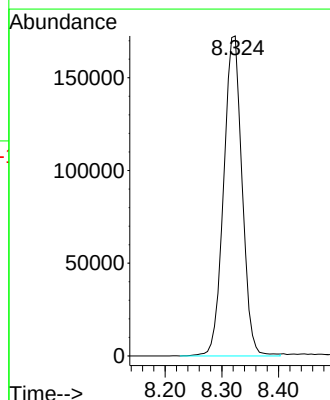
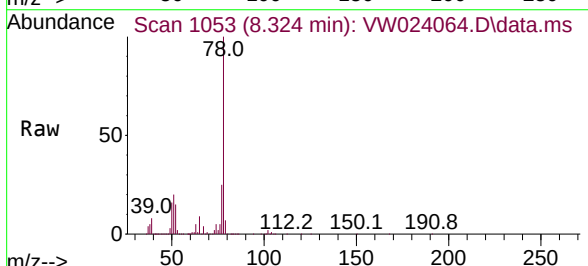
Instrument :
MSVOA_W
ClientSampleId :
VICV461

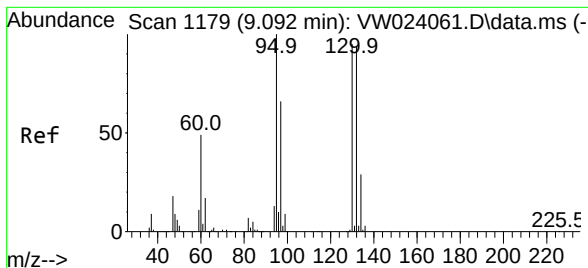
Tgt Ion:117 Resp: 129282
Ion Ratio Lower Upper
117 100
119 95.7 75.0 112.4



#33
Benzene
Concen: 27.331 ug/L
RT: 8.324 min Scan# 1053
Delta R.T. 0.006 min
Lab File: VW024064.D
Acq: 25 Jul 2022 11:12

Tgt Ion: 78 Resp: 389547





#34

Trichloroethene

Concen: 25.624 ug/L

RT: 9.092 min Scan# 1179

Delta R.T. -0.000 min

Lab File: VW024064.D

Acq: 25 Jul 2022 11:12

Instrument :

MSVOA_W

ClientSampleId :

VICV461

Tgt Ion: 95 Resp: 96711

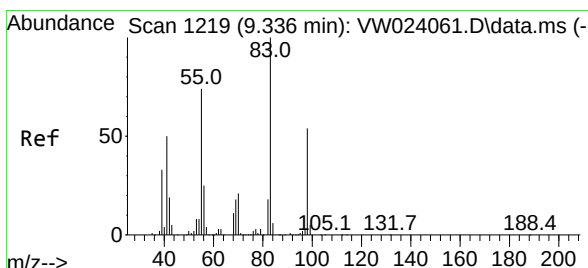
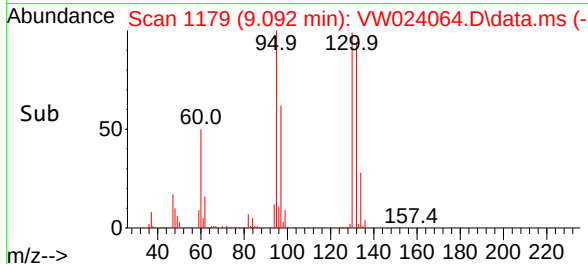
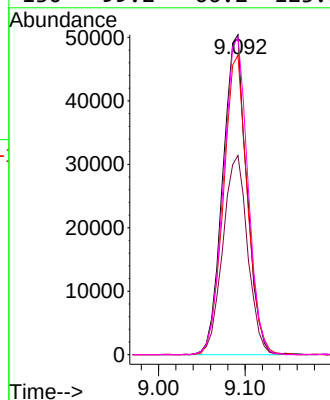
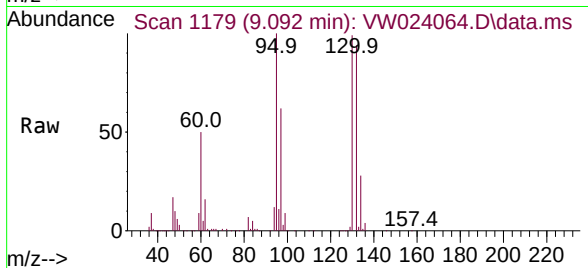
Ion Ratio Lower Upper

95 100

97 62.2 46.5 86.3

132 93.6 65.8 122.2

130 99.2 66.2 123.0



#35

Methylcyclohexane

Concen: 27.917 ug/L

RT: 9.329 min Scan# 1218

Delta R.T. -0.006 min

Lab File: VW024064.D

Acq: 25 Jul 2022 11:12

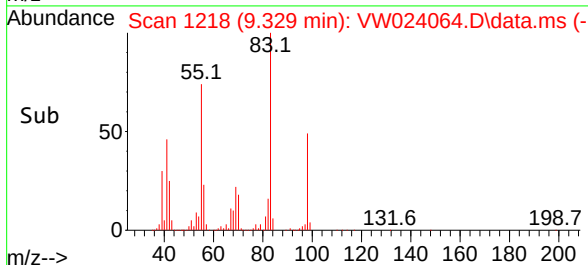
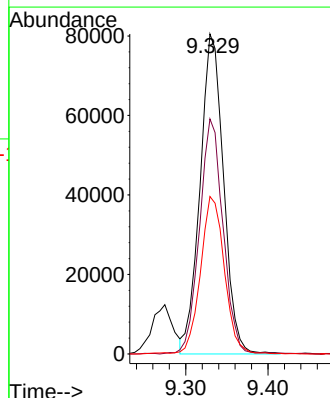
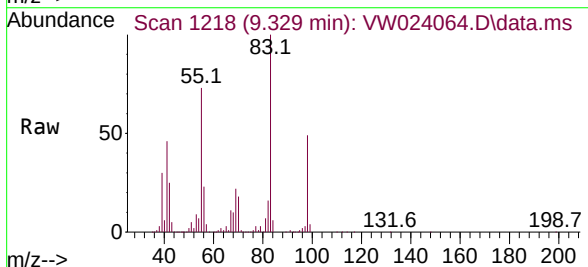
Tgt Ion: 83 Resp: 160074

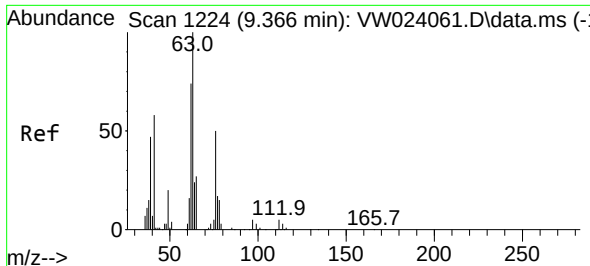
Ion Ratio Lower Upper

83 100

55 73.2 57.3 85.9

98 49.7 38.9 58.3





#37

1,2-Dichloropropane

Concen: 26.668 ug/L

RT: 9.366 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW024064.D

Acq: 25 Jul 2022 11:12

Instrument :

MSVOA_W

ClientSampleId :

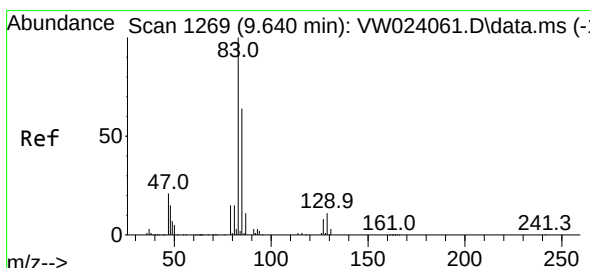
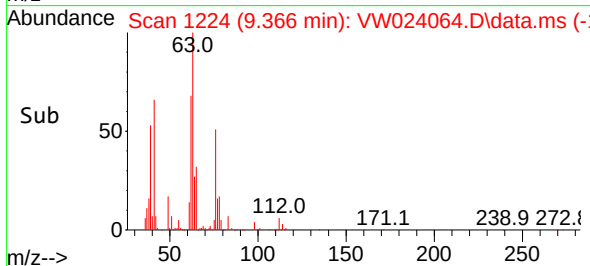
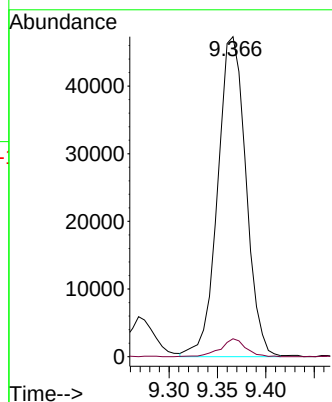
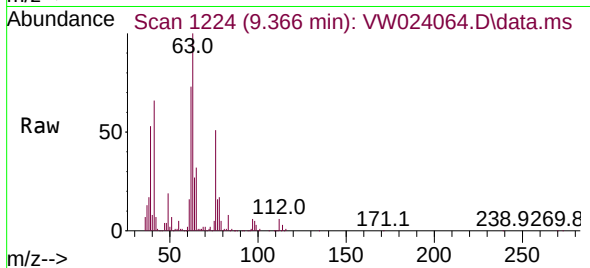
VICV461

Tgt Ion: 63 Resp: 96093

Ion Ratio Lower Upper

63 100

112 4.9 3.9 5.9



#38

Bromodichloromethane

Concen: 26.899 ug/L

RT: 9.640 min Scan# 1269

Delta R.T. -0.000 min

Lab File: VW024064.D

Acq: 25 Jul 2022 11:12

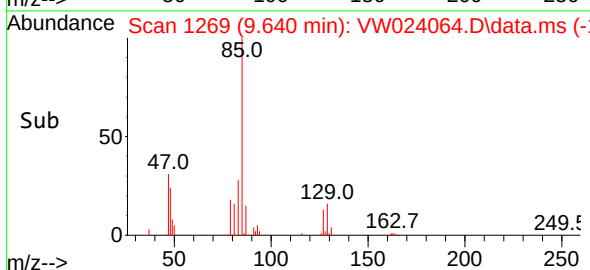
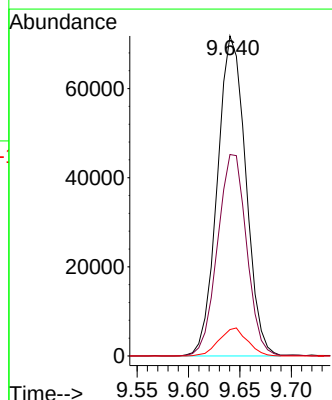
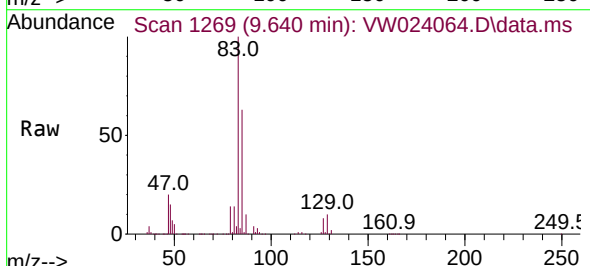
Tgt Ion: 83 Resp: 138192

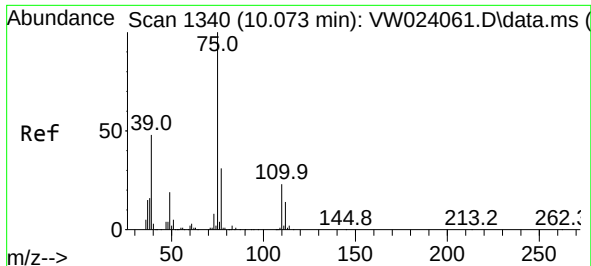
Ion Ratio Lower Upper

83 100

85 63.0 45.1 83.7

127 8.3 6.4 9.6





#39

cis-1,3-Dichloropropene

Concen: 27.390 ug/L

RT: 10.073 min Scan# 1340

Delta R.T. -0.000 min

Lab File: VW024064.D

Acq: 25 Jul 2022 11:12

Instrument :

MSVOA_W

ClientSampleId :

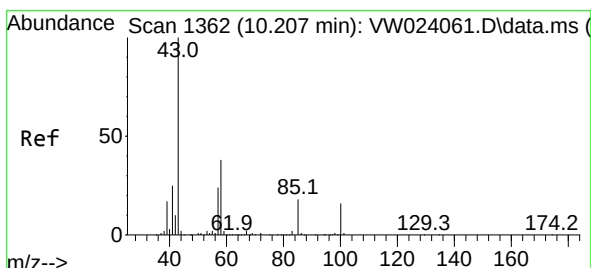
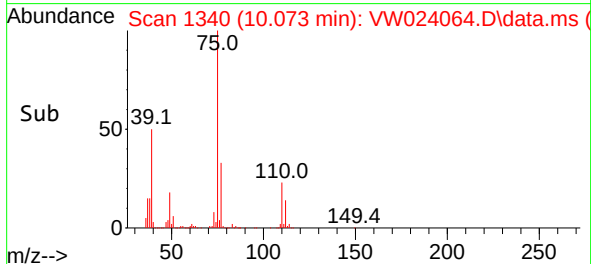
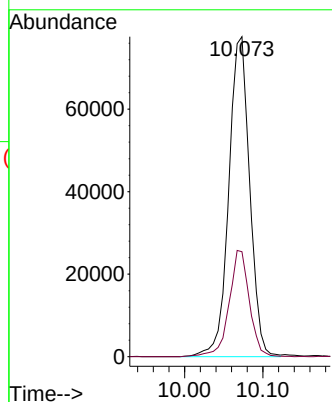
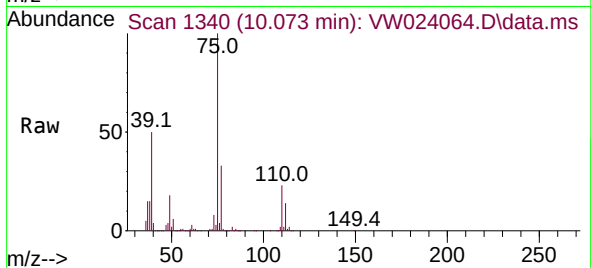
VICV461

Tgt Ion: 75 Resp: 143793

Ion Ratio Lower Upper

75 100

77 32.8 21.8 40.6



#40

4-Methyl-2-pentanone

Concen: 55.608 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. 0.000 min

Lab File: VW024064.D

Acq: 25 Jul 2022 11:12

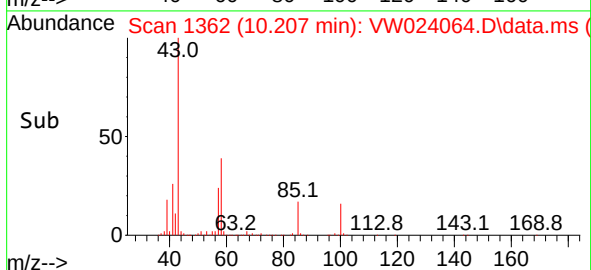
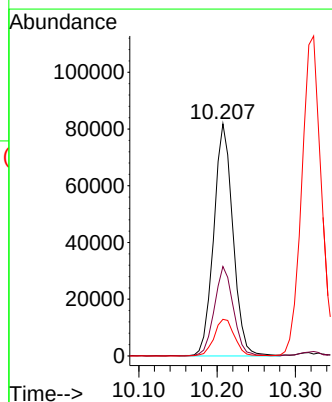
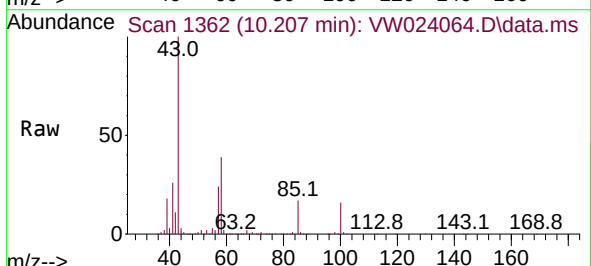
Tgt Ion: 43 Resp: 139429

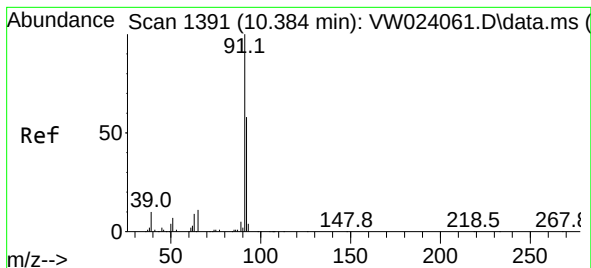
Ion Ratio Lower Upper

43 100

58 38.2 30.8 46.2

100 16.8 13.0 19.6





#42

Toluene

Concen: 28.416 ug/L

RT: 10.384 min Scan# 1391

Delta R.T. -0.000 min

Lab File: VW024064.D

Acq: 25 Jul 2022 11:12

Instrument :

MSVOA_W

ClientSampleId :

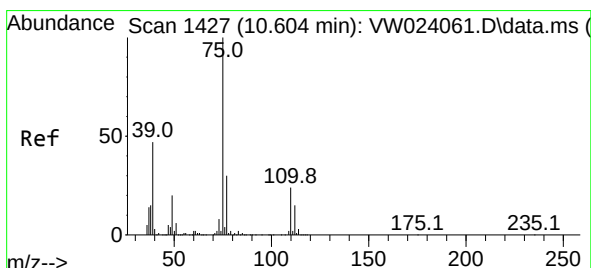
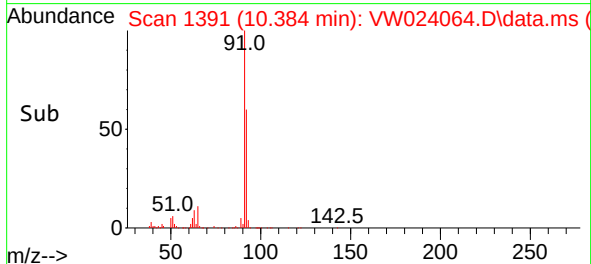
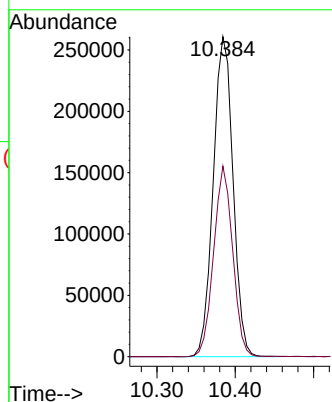
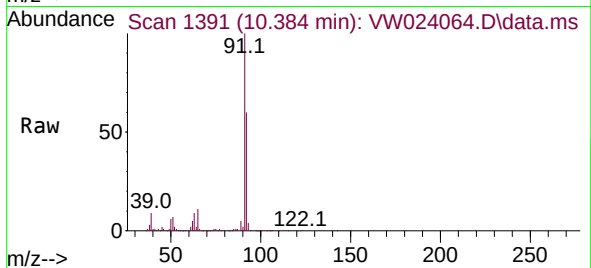
VICV461

Tgt Ion: 91 Resp: 458114

Ion Ratio Lower Upper

91 100

92 59.6 40.3 74.9



#44

trans-1,3-Dichloropropene

Concen: 28.466 ug/L

RT: 10.604 min Scan# 1427

Delta R.T. 0.000 min

Lab File: VW024064.D

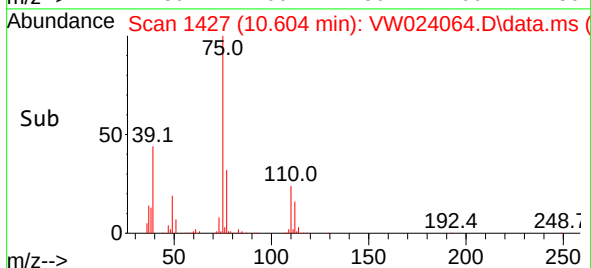
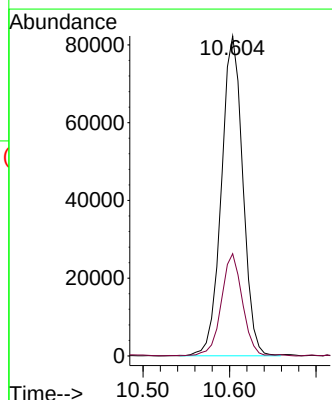
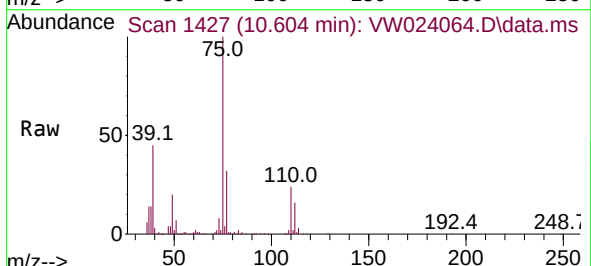
Acq: 25 Jul 2022 11:12

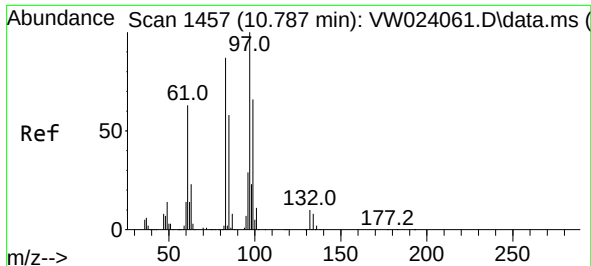
Tgt Ion: 75 Resp: 141524

Ion Ratio Lower Upper

75 100

77 31.9 21.3 39.6





#45

1,1,2-Trichloroethane

Concen: 27.257 ug/L

RT: 10.786 min Scan# 1457

Delta R.T. -0.000 min

Lab File: VW024064.D

Acq: 25 Jul 2022 11:12

Instrument :

MSVOA_W

ClientSampleId :

VICV461

Tgt Ion: 97 Resp: 85800

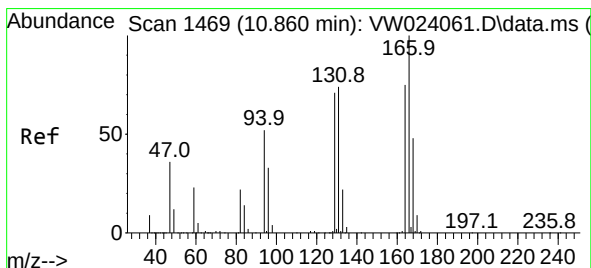
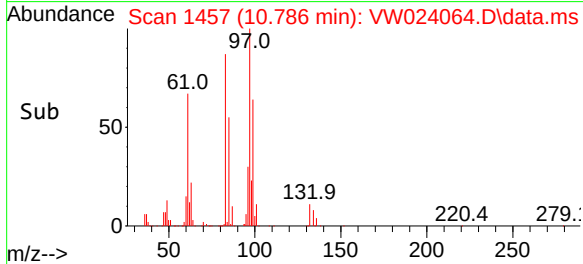
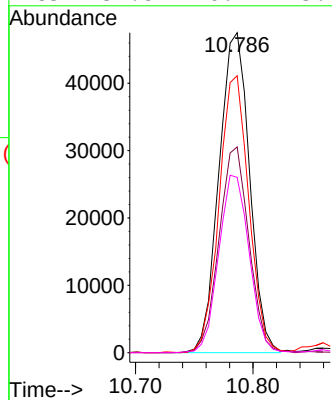
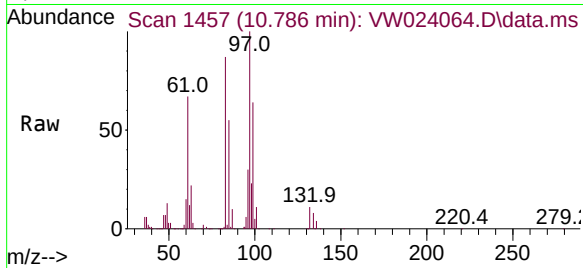
Ion Ratio Lower Upper

97 100

99 64.3 46.2 85.8

83 86.6 61.2 113.6

85 54.8 40.7 75.7



#46

Tetrachloroethene

Concen: 26.318 ug/L

RT: 10.860 min Scan# 1469

Delta R.T. 0.000 min

Lab File: VW024064.D

Acq: 25 Jul 2022 11:12

Tgt Ion:164 Resp: 77742

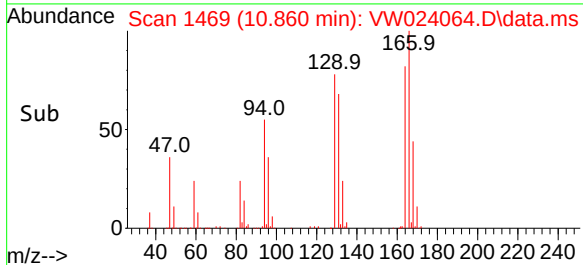
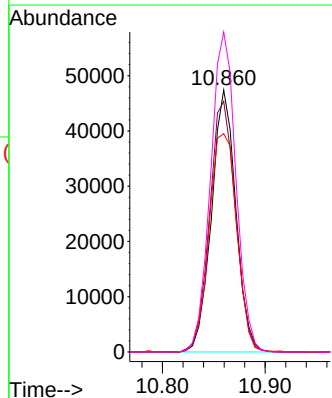
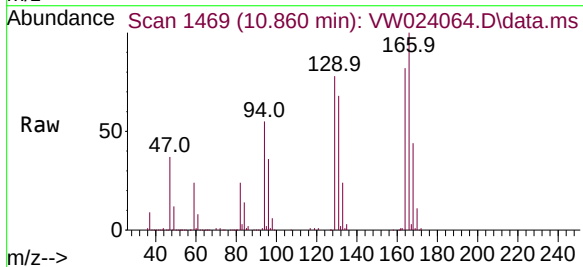
Ion Ratio Lower Upper

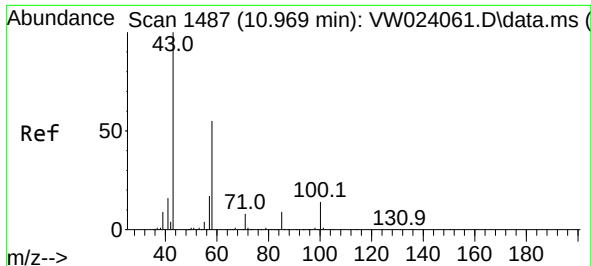
164 100

129 95.7 65.7 122.1

131 83.4 69.2 128.4

166 122.2 92.8 172.4



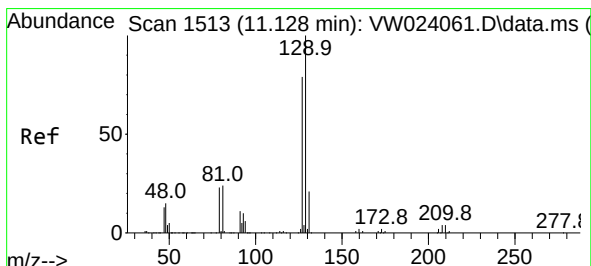
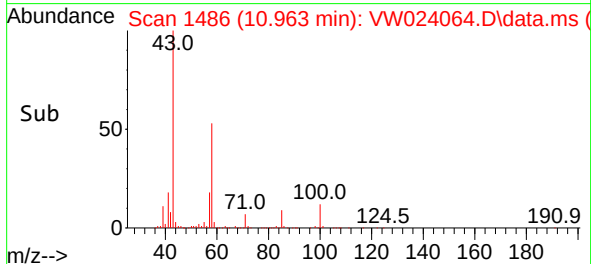
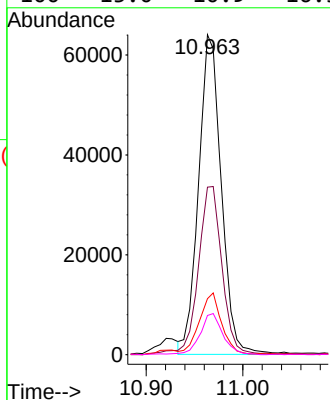
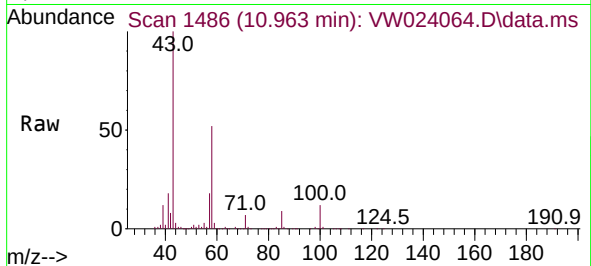


#48
2-Hexanone
Concen: 57.575 ug/L
RT: 10.963 min Scan# 1486
Delta R.T. -0.006 min
Lab File: VW024064.D
Acq: 25 Jul 2022 11:12

Instrument :
MSVOA_W
ClientSampleId :
VICV461

Tgt Ion: 43 Resp: 104617

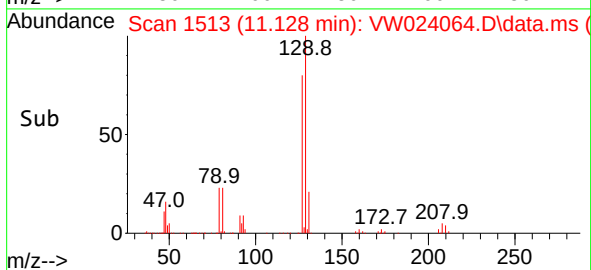
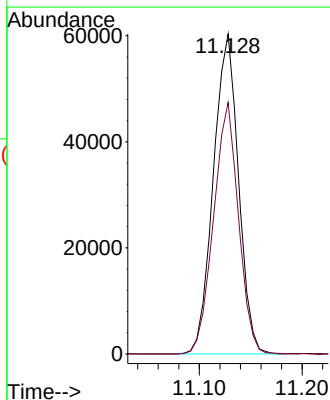
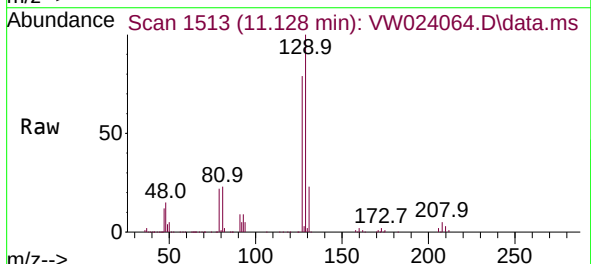
Ion	Ratio	Lower	Upper
43	100		
58	52.8	41.0	61.6
57	18.5	14.5	21.7
100	13.0	10.9	16.3

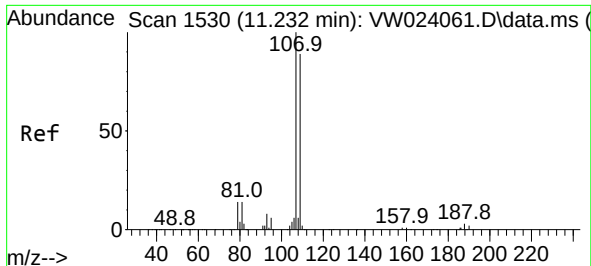


#49
Dibromochloromethane
Concen: 27.797 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VW024064.D
Acq: 25 Jul 2022 11:12

Tgt Ion: 129 Resp: 102238

Ion	Ratio	Lower	Upper
129	100		
127	78.6	55.0	102.2

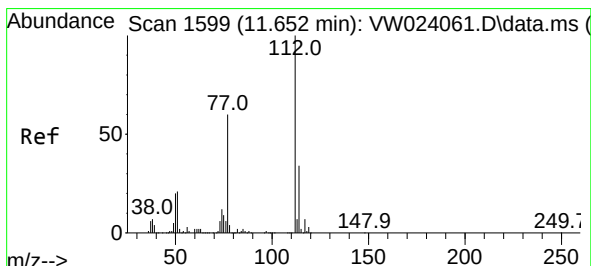
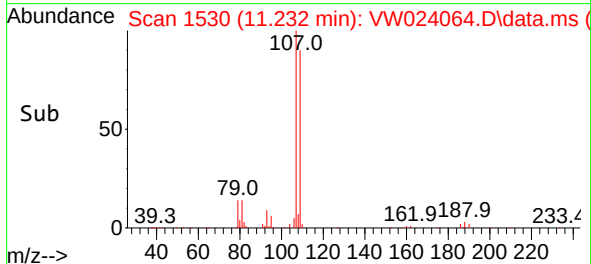
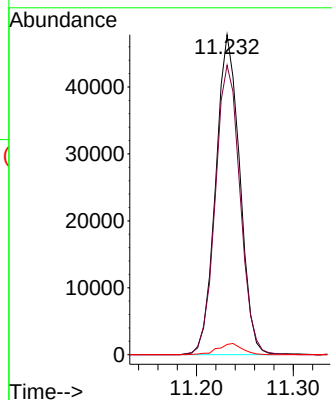
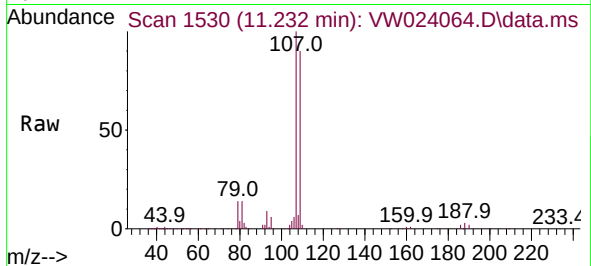




#50
1,2-Dibromoethane
Concen: 26.757 ug/L
RT: 11.232 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW024064.D
Acq: 25 Jul 2022 11:12

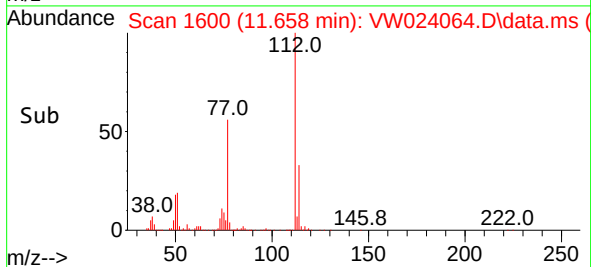
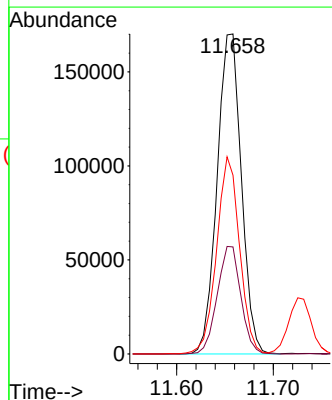
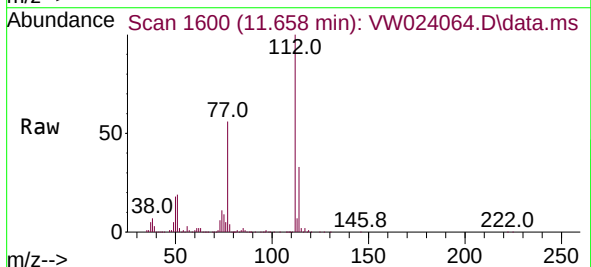
Instrument :
MSVOA_W
ClientSampleId :
VICV461

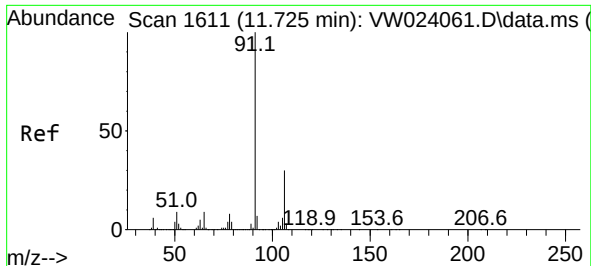
Tgt Ion:107 Resp: 82465
Ion Ratio Lower Upper
107 100
109 90.4 62.2 115.6
188 3.2 2.2 3.2



#51
Chlorobenzene
Concen: 27.298 ug/L
RT: 11.658 min Scan# 1600
Delta R.T. 0.006 min
Lab File: VW024064.D
Acq: 25 Jul 2022 11:12

Tgt Ion:112 Resp: 296187
Ion Ratio Lower Upper
112 100
114 33.4 23.7 43.9
77 55.8 48.2 72.2





#52

Ethylbenzene

Concen: 29.390 ug/L

RT: 11.725 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW024064.D

Acq: 25 Jul 2022 11:12

Instrument :

MSVOA_W

ClientSampleId :

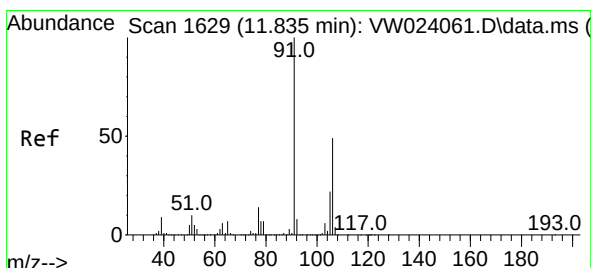
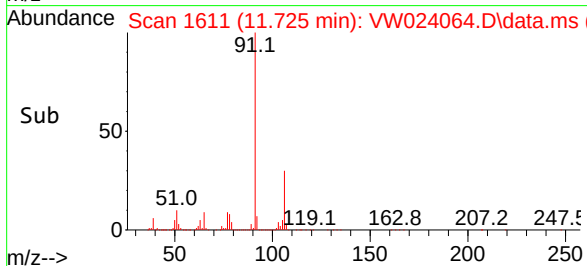
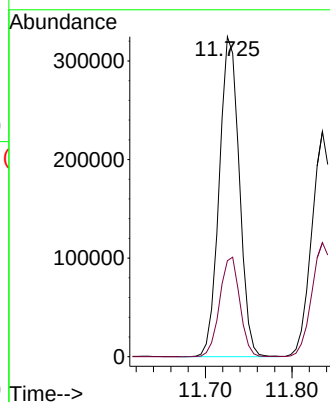
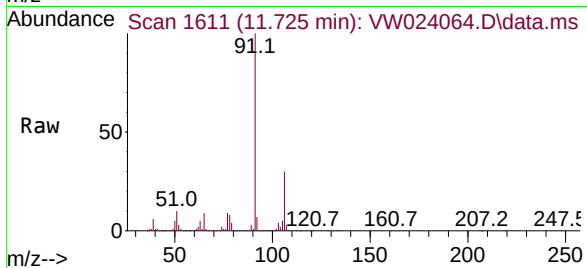
VICV461

Tgt Ion: 91 Resp: 522172

Ion Ratio Lower Upper

91 100

106 30.0 21.0 39.0



#53

m,p-Xylene

Concen: 30.404 ug/L

RT: 11.835 min Scan# 1629

Delta R.T. -0.000 min

Lab File: VW024064.D

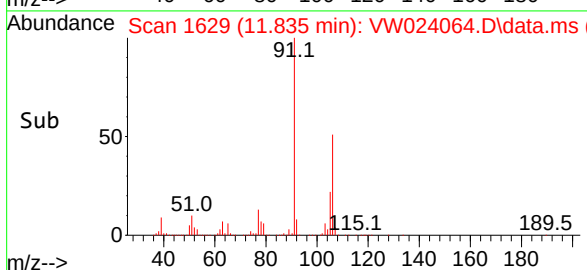
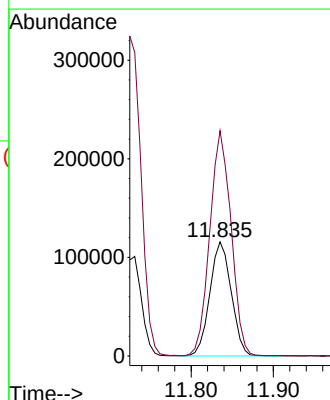
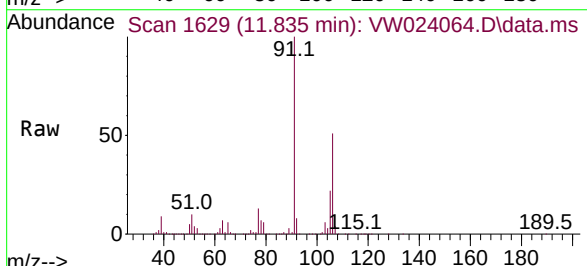
Acq: 25 Jul 2022 11:12

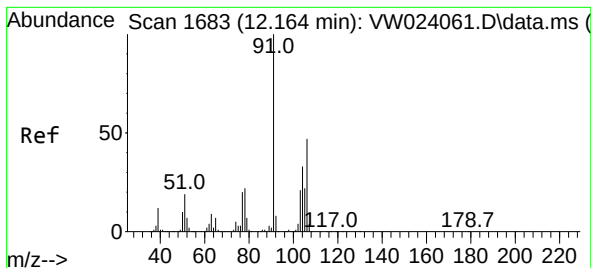
Tgt Ion:106 Resp: 209671

Ion Ratio Lower Upper

106 100

91 197.6 142.9 265.3





#54

o-Xylene

Concen: 30.517 ug/L

RT: 12.164 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW024064.D

Acq: 25 Jul 2022 11:12

Instrument :

MSVOA_W

ClientSampleId :

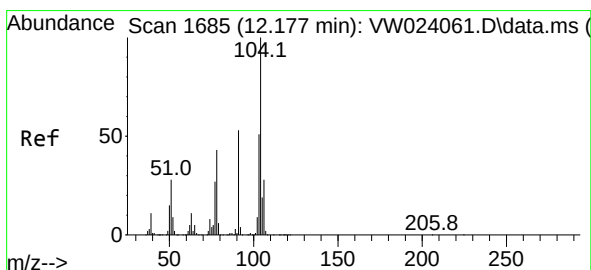
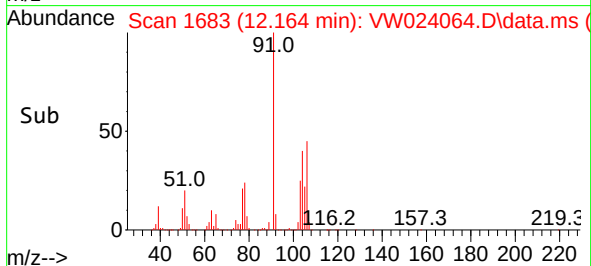
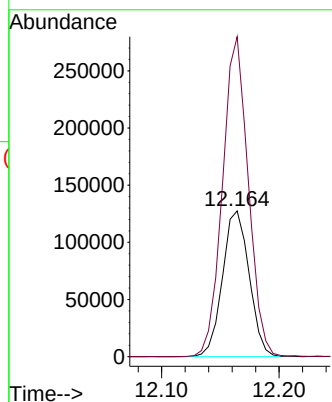
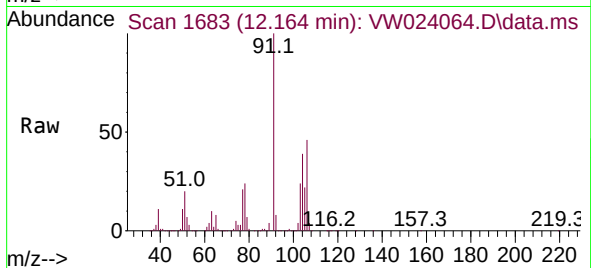
VICV461

Tgt Ion:106 Resp: 201249

Ion Ratio Lower Upper

106 100

91 219.5 150.6 279.6



#55

Styrene

Concen: 31.054 ug/L

RT: 12.176 min Scan# 1685

Delta R.T. -0.000 min

Lab File: VW024064.D

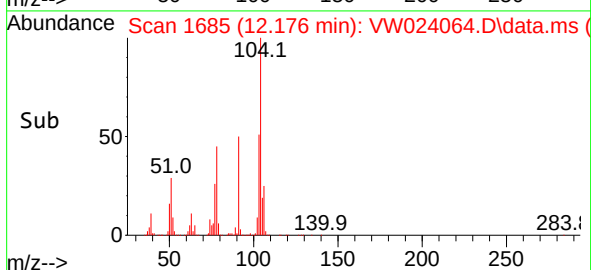
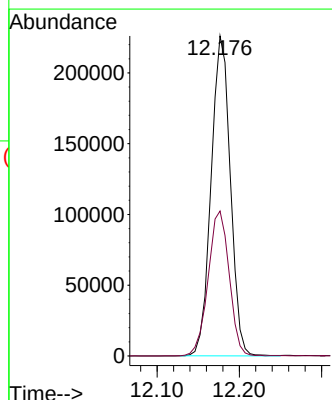
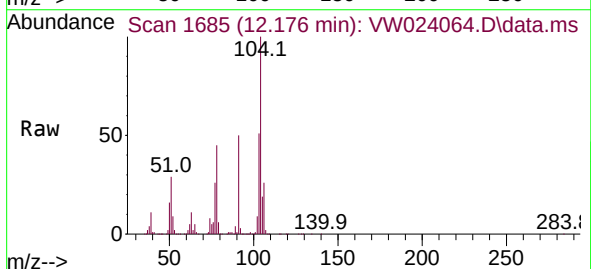
Acq: 25 Jul 2022 11:12

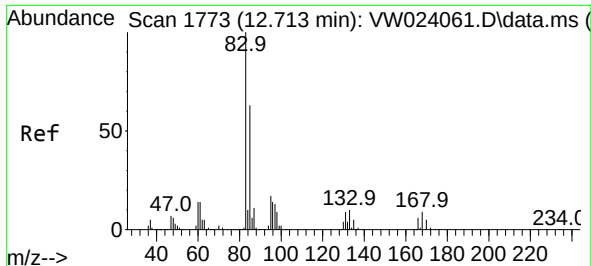
Tgt Ion:104 Resp: 366885

Ion Ratio Lower Upper

104 100

78 45.3 30.3 56.3

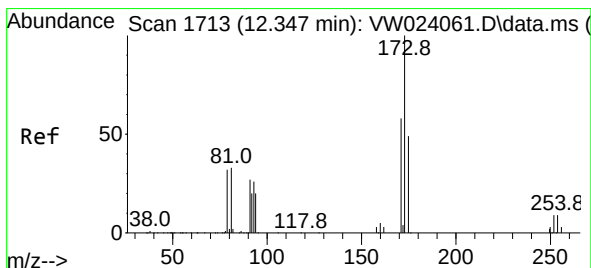
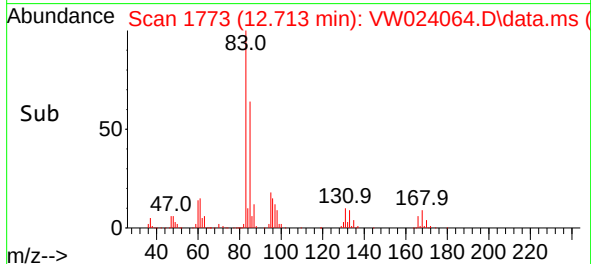
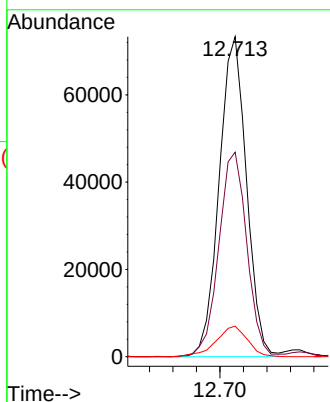
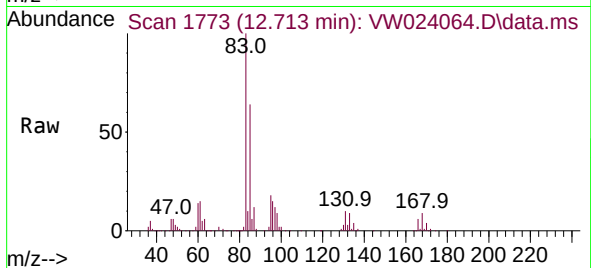




#57
1,1,2,2-Tetrachloroethane
Concen: 27.148 ug/L
RT: 12.713 min Scan# 1773
Delta R.T. -0.000 min
Lab File: VW024064.D
Acq: 25 Jul 2022 11:12

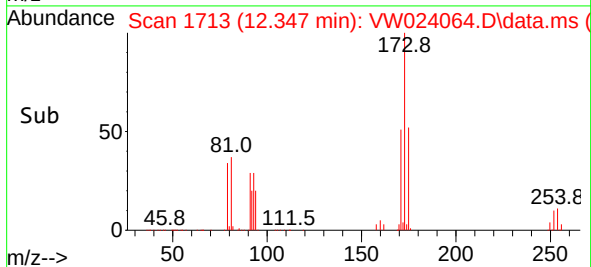
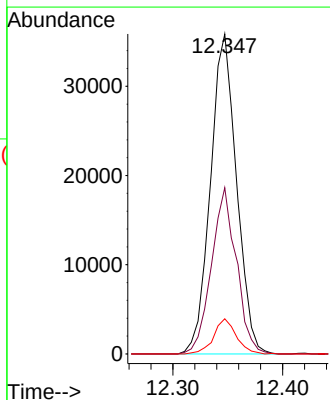
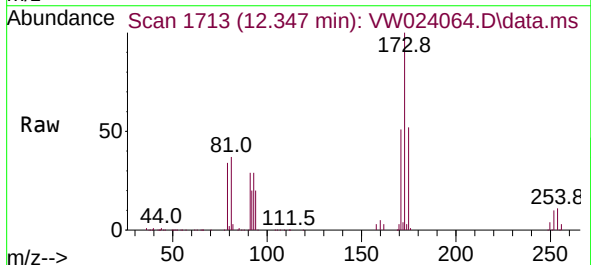
Instrument :
MSVOA_W
ClientSampleId :
VICV461

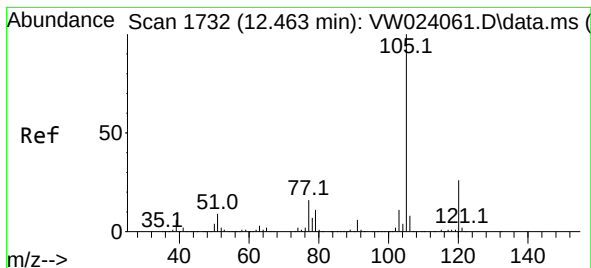
Tgt Ion: 83 Resp: 118439
Ion Ratio Lower Upper
83 100
85 63.9 44.4 82.5
131 9.5 7.5 11.3



#59
Bromoform
Concen: 25.938 ug/L
RT: 12.347 min Scan# 1713
Delta R.T. -0.000 min
Lab File: VW024064.D
Acq: 25 Jul 2022 11:12

Tgt Ion:173 Resp: 59373
Ion Ratio Lower Upper
173 100
175 49.6 38.4 57.6
254 9.5 7.0 10.4

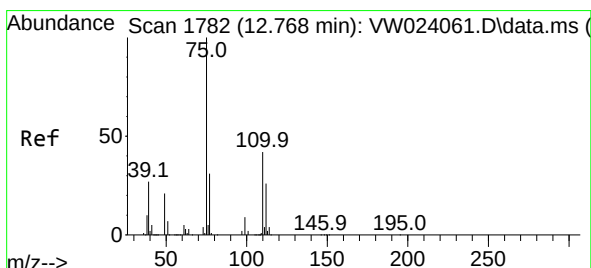
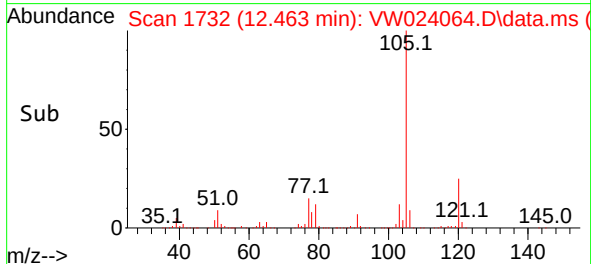
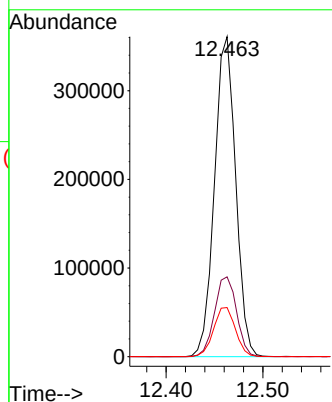
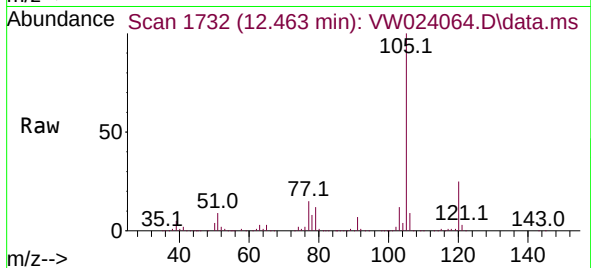




#60
Isopropylbenzene
Concen: 29.240 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VW024064.D
Acq: 25 Jul 2022 11:12

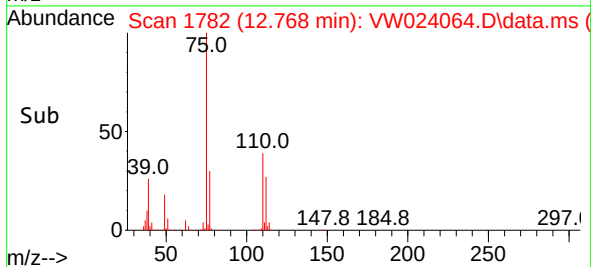
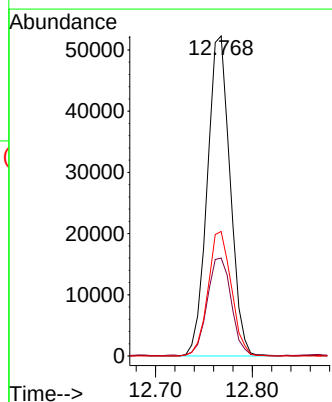
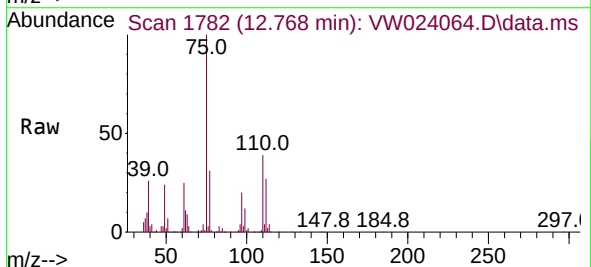
Instrument :
MSVOA_W
ClientSampleId :
VICV461

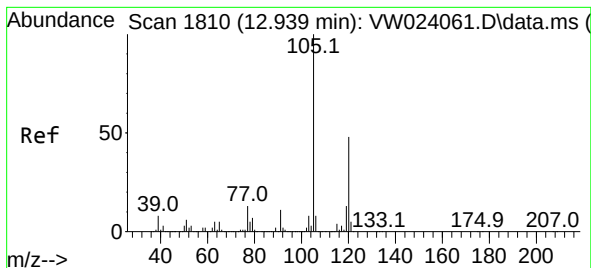
Tgt Ion:105 Resp: 548464
Ion Ratio Lower Upper
105 100
120 26.0 21.1 31.7
77 16.0 12.8 19.2



#61
1,2,3-Trichloropropane
Concen: 25.820 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. -0.000 min
Lab File: VW024064.D
Acq: 25 Jul 2022 11:12

Tgt Ion: 75 Resp: 85943
Ion Ratio Lower Upper
75 100
77 32.4 26.1 39.1
110 39.6 33.0 49.4

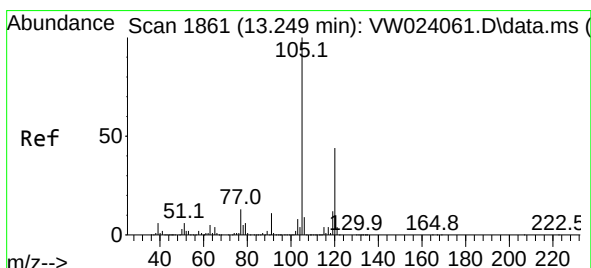
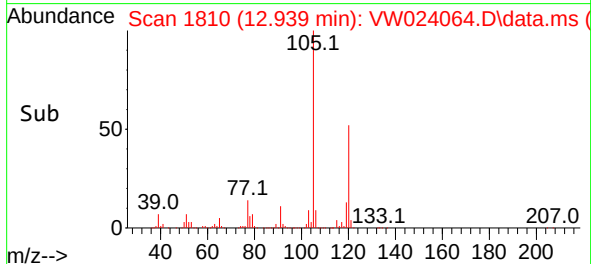
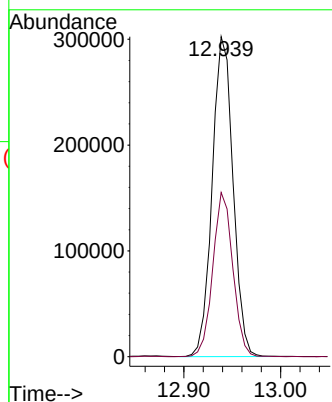
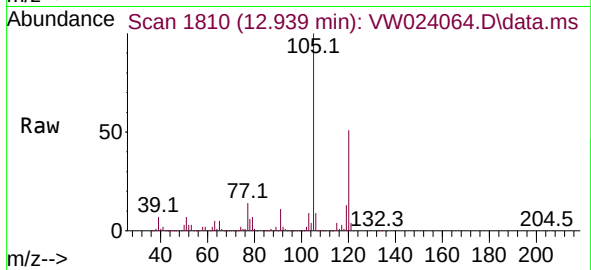




#62
1,3,5-Trimethylbenzene
Concen: 29.947 ug/L
RT: 12.939 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VW024064.D
Acq: 25 Jul 2022 11:12

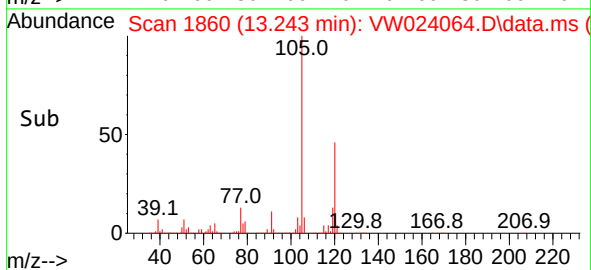
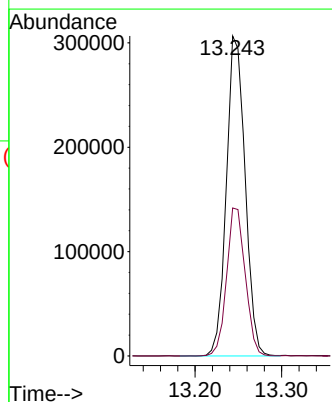
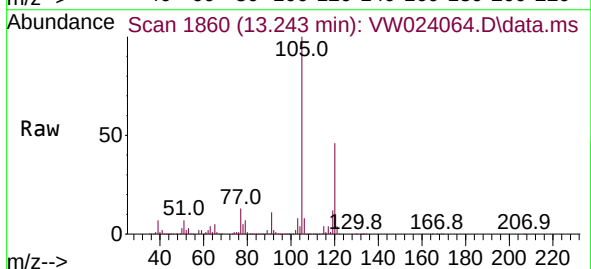
Instrument :
MSVOA_W
ClientSampleId :
VICV461

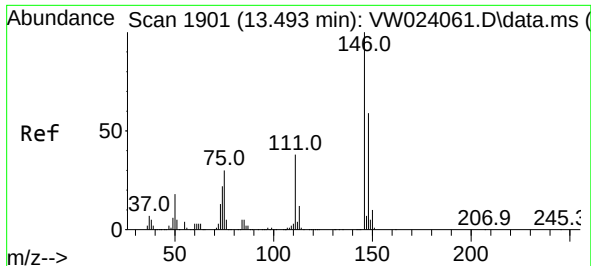
Tgt Ion:105 Resp: 451930
Ion Ratio Lower Upper
105 100
120 49.4 38.1 57.1



#63
1,2,4-Trimethylbenzene
Concen: 30.161 ug/L
RT: 13.243 min Scan# 1860
Delta R.T. -0.006 min
Lab File: VW024064.D
Acq: 25 Jul 2022 11:12

Tgt Ion:105 Resp: 460668
Ion Ratio Lower Upper
105 100
120 46.0 36.1 54.1

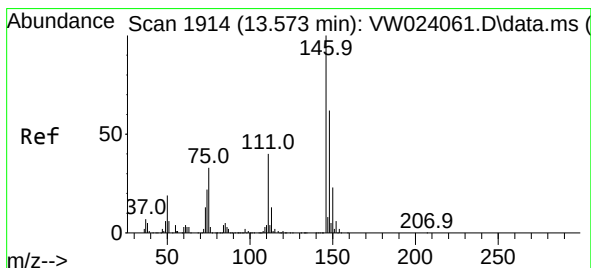
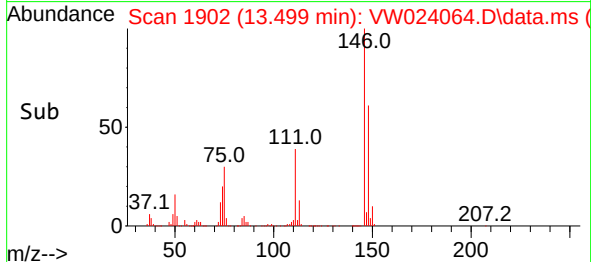
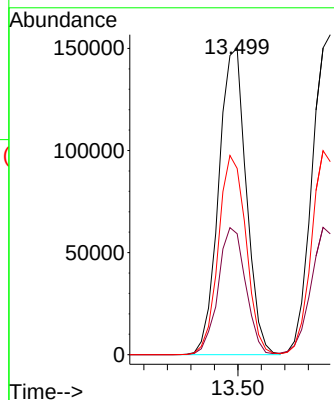
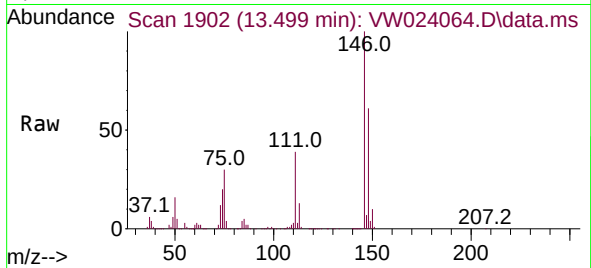




#64
1,3-Dichlorobenzene
Concen: 27.272 ug/L
RT: 13.499 min Scan# 1901
Delta R.T. 0.006 min
Lab File: VW024064.D
Acq: 25 Jul 2022 11:12

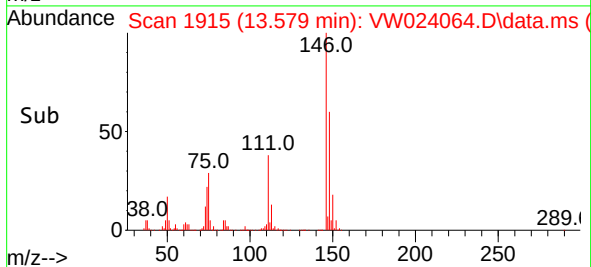
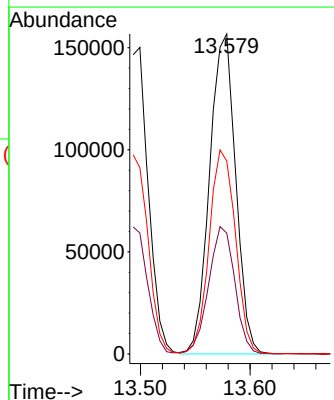
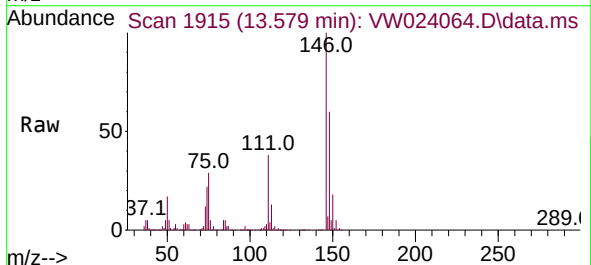
Instrument :
MSVOA_W
ClientSampleId :
VICV461

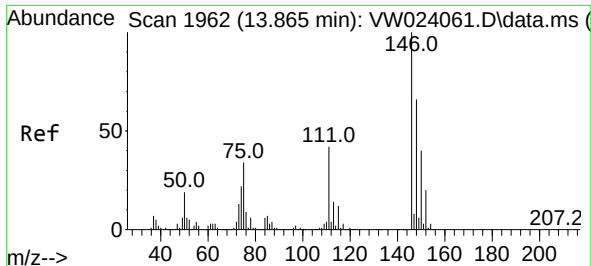
Tgt Ion:146 Resp: 244664
Ion Ratio Lower Upper
146 100
111 39.5 26.4 49.0
148 60.7 41.4 77.0



#65
1,4-Dichlorobenzene
Concen: 27.283 ug/L
RT: 13.579 min Scan# 1915
Delta R.T. 0.006 min
Lab File: VW024064.D
Acq: 25 Jul 2022 11:12

Tgt Ion:146 Resp: 259831
Ion Ratio Lower Upper
146 100
111 37.8 27.9 51.9
148 60.3 43.2 80.2





#67

1,2-Dichlorobenzene

Concen: 29.117 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. -0.000 min

Lab File: VW024064.D

Acq: 25 Jul 2022 11:12

Instrument :

MSVOA_W

ClientSampleId :

VICV461

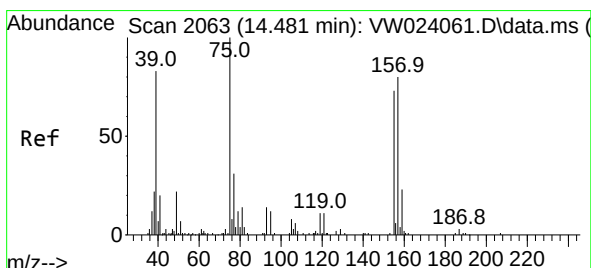
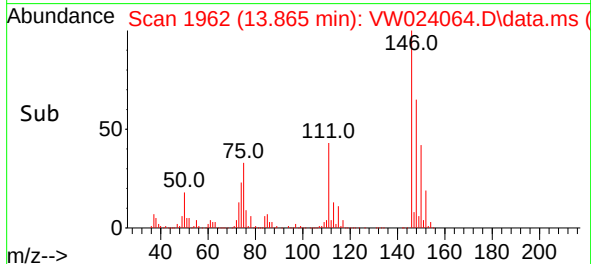
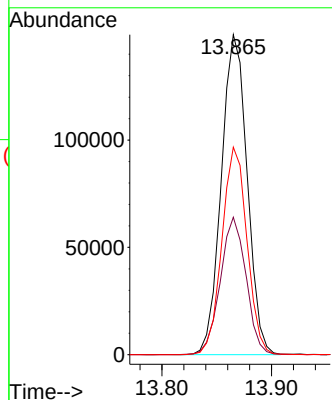
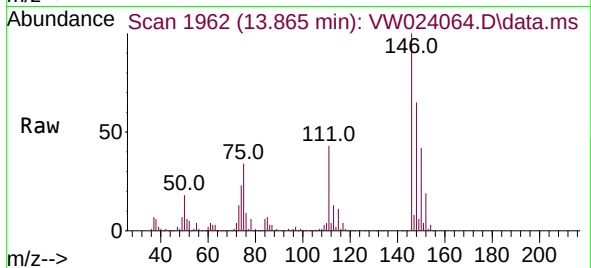
Tgt Ion:146 Resp: 244338

Ion Ratio Lower Upper

146 100

111 42.9 33.9 50.9

148 64.9 53.0 79.6



#68

1,2-Dibromo-3-chloropropane

Concen: 25.804 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. -0.000 min

Lab File: VW024064.D

Acq: 25 Jul 2022 11:12

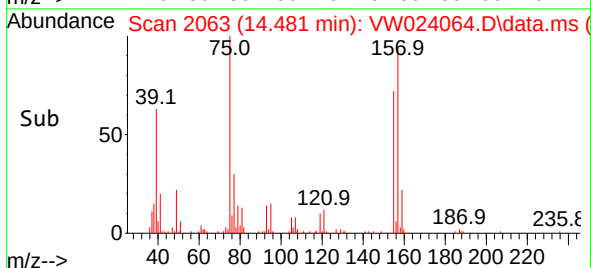
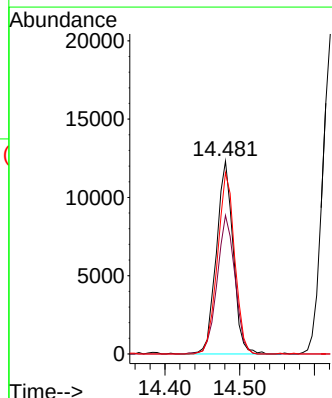
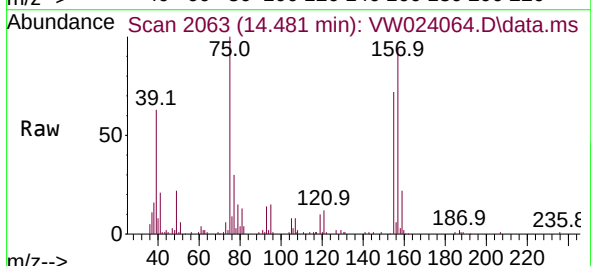
Tgt Ion: 75 Resp: 19192

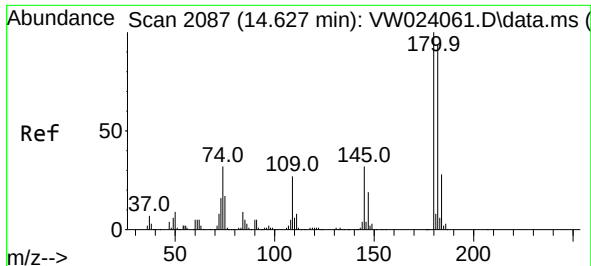
Ion Ratio Lower Upper

75 100

155 71.9 58.6 88.0

157 94.1 64.0 96.0

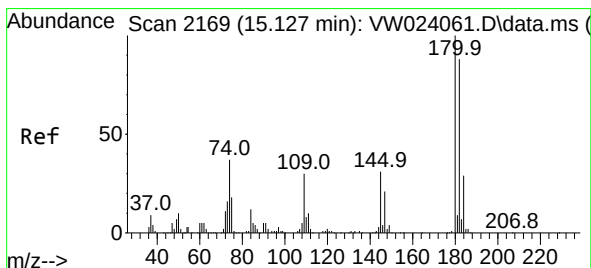
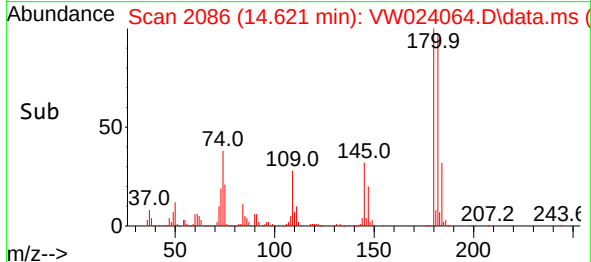
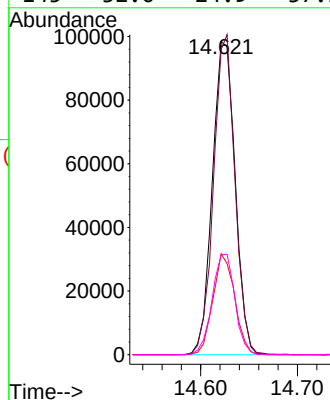
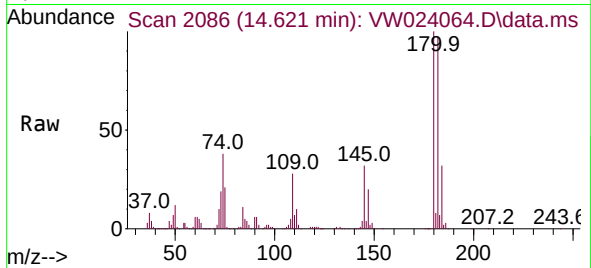




#69
 1,3,5-Trichlorobenzene
 Concen: 28.094 ug/L
 RT: 14.621 min Scan# 2086
 Delta R.T. -0.006 min
 Lab File: VW024064.D
 Acq: 25 Jul 2022 11:12

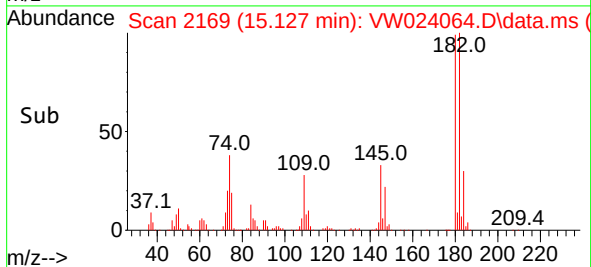
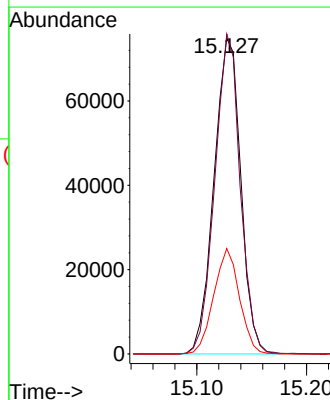
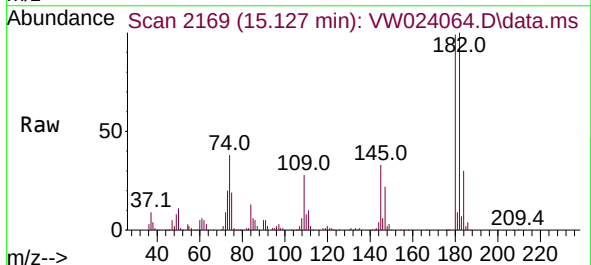
Instrument :
 MSVOA_W
 ClientSampleId :
 VICV461

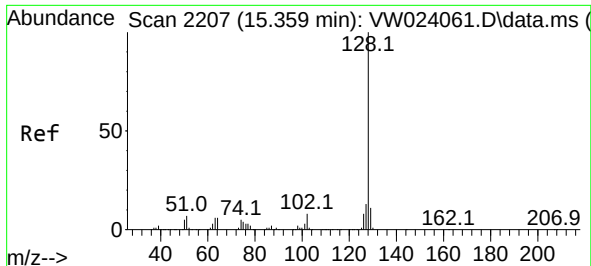
Tgt Ion:180	Resp:	160728
Ion Ratio	Lower	Upper
180	100	
182	95.9	73.9 110.9
184	30.8	23.5 35.3
145	32.0	24.9 37.3



#70
 1,2,4-trichlorobenzene
 Concen: 29.308 ug/L
 RT: 15.127 min Scan# 2169
 Delta R.T. -0.000 min
 Lab File: VW024064.D
 Acq: 25 Jul 2022 11:12

Tgt Ion:180	Resp:	127047
Ion Ratio	Lower	Upper
180	100	
182	96.3	72.0 108.0
145	32.1	24.9 37.3

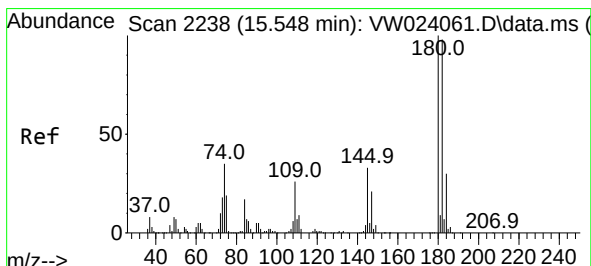
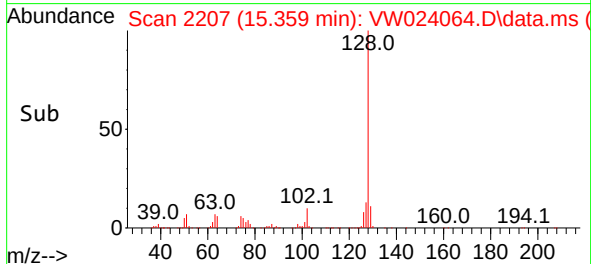
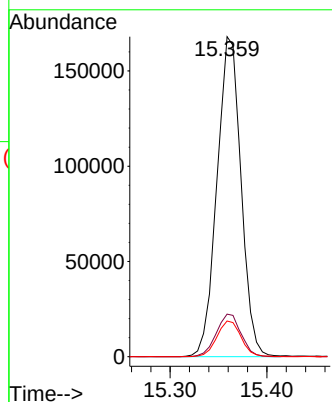
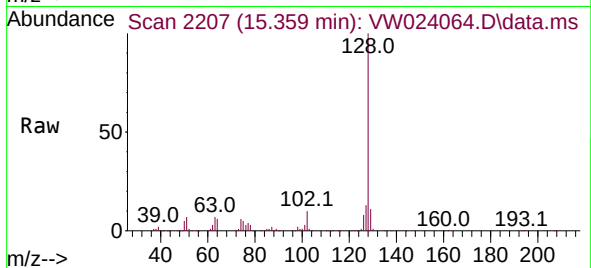




#71
Naphthalene
Concen: 31.263 ug/L
RT: 15.359 min Scan# 21
Delta R.T. -0.000 min
Lab File: VW024064.D
Acq: 25 Jul 2022 11:12

Instrument :
MSVOA_W
ClientSampleId :
VICV461

Tgt Ion:	128	Resp:	289986
Ion	Ratio	Lower	Upper
128	100		
127	13.7	11.0	16.4
129	11.2	9.3	13.9



#72
1,2,3-Trichlorobenzene
Concen: 29.540 ug/L
RT: 15.548 min Scan# 2238
Delta R.T. 0.000 min
Lab File: VW024064.D
Acq: 25 Jul 2022 11:12

Tgt Ion:	180	Resp:	120451
Ion	Ratio	Lower	Upper
180	100		
182	91.9	77.8	116.8
145	32.7	27.6	41.4

