

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW072922\
 Data File : VW024127.D
 Acq On : 29 Jul 2022 10:45
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jul 30 00:04:21 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM072522SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Jul 29 01:16:23 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	247094	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	259934	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	154922	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.343	65	123023	23.227	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.920%
7) Chloroethane-d5	2.873	69	89621	25.043	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	100.160%
11) 1,1-Dichloroethene-d2	4.007	63	111024	23.806	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	95.240%
21) 2-Butanone-d5	7.074	46	48546	51.573	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	103.140%
24) Chloroform-d	7.641	84	166004	24.437	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	97.760%
26) 1,2-Dichloroethane-d4	8.299	65	93224	23.886	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	95.560%
32) Benzene-d6	8.269	84	299215	24.780	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	99.120%
36) 1,2-Dichloropropane-d6	9.268	67	92557	24.302	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	97.200%
41) Toluene-d8	10.323	98	303977	25.173	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	100.680%
43) trans-1,3-Dichloroprop...	10.573	79	42209	24.996	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	100.000%
47) 2-Hexanone-d5	10.921	63	44068	55.346	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	110.700%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	109678	24.958	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	99.840%
66) 1,2-Dichlorobenzene-d4	13.847	152	120092	23.936	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	95.760%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.001	85	27404	15.017	ug/L	98
3) Chloromethane	2.209	50	97564	20.592	ug/L	98
5) Vinyl chloride	2.349	62	165883	22.464	ug/L	100
6) Bromomethane	2.770	94	104024	25.499	ug/L	94
8) Chloroethane	2.910	64	80115	24.662	ug/L	98
9) Trichlorofluoromethane	3.245	101	96192	27.981	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.050	101	78541	24.669	ug/L	97
12) 1,1-Dichloroethene	4.032	96	63053	24.162	ug/L	86
13) Acetone	4.117	43	38037	56.945	ug/L	69
14) Carbon disulfide	4.373	76	181988	22.705	ug/L	97
15) Methyl Acetate	4.672	43	39022	24.217	ug/L	95
16) Methylene chloride	4.903	84	101655	27.030	ug/L	99
17) trans-1,2-Dichloroethene	5.409	96	78969	24.732	ug/L	97
18) Methyl tert-butyl Ether	5.428	73	121172	25.602	ug/L	99
19) 1,1-Dichloroethane	6.208	63	151994	25.202	ug/L	98
20) cis-1,2-Dichloroethene	7.165	96	89343	25.482	ug/L	95
22) 2-Butanone	7.165	43	59668	55.654	ug/L	98
23) Bromochloromethane	7.506	128	44582	24.708	ug/L	89
25) Chloroform	7.671	83	175670	25.173	ug/L	96

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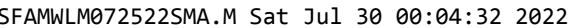
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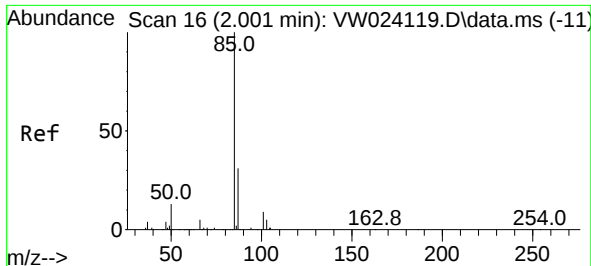
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 Quant Title : SFAM01.0
 QLast Update : Fri Jul 29 01:16:23 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.397	62	125882	25.327	ug/L	99
29) Cyclohexane	7.952	56	119622	24.977	ug/L	99
30) 1,1,1-Trichloroethane	7.866	97	145226	24.995	ug/L	100
31) Carbon tetrachloride	8.061	117	136097	25.411	ug/L	99
33) Benzene	8.317	78	373239	24.855	ug/L	100
34) Trichloroethene	9.092	95	96784	24.340	ug/L	94
35) Methylcyclohexane	9.329	83	152393	25.226	ug/L	97
37) 1,2-Dichloropropane	9.366	63	96962	25.541	ug/L	99
38) Bromodichloromethane	9.640	83	137209	25.350	ug/L	97
39) cis-1,3-Dichloropropene	10.067	75	144711	26.164	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	141158	53.435	ug/L	99
42) Toluene	10.384	91	450329	26.513	ug/L	98
44) trans-1,3-Dichloropropene	10.604	75	140847	26.890	ug/L	98
45) 1,1,2-Trichloroethane	10.786	97	83838	25.279	ug/L	97
46) Tetrachloroethene	10.860	164	78525	25.232	ug/L	97
48) 2-Hexanone	10.963	43	108907	56.888	ug/L	97
49) Dibromochloromethane	11.128	129	100346	25.895	ug/L	98
50) 1,2-Dibromoethane	11.231	107	82392	25.374	ug/L #	94
51) Chlorobenzene	11.652	112	295095	25.815	ug/L	96
52) Ethylbenzene	11.725	91	502798	26.861	ug/L	98
53) m,p-Xylene	11.835	106	198429	27.311	ug/L	95
54) o-Xylene	12.164	106	196072	28.220	ug/L	92
55) Styrene	12.176	104	351653	28.251	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.713	83	118612	25.805	ug/L	99
59) Bromoform	12.347	173	60715	25.354	ug/L	100
60) Isopropylbenzene	12.463	105	524183	26.713	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	84829	24.361	ug/L	98
62) 1,3,5-Trimethylbenzene	12.938	105	434917	27.549	ug/L	97
63) 1,2,4-Trimethylbenzene	13.249	105	435967	27.284	ug/L	100
64) 1,3-Dichlorobenzene	13.493	146	239271	25.494	ug/L	95
65) 1,4-Dichlorobenzene	13.579	146	249811	25.074	ug/L	95
67) 1,2-Dichlorobenzene	13.865	146	223257	25.431	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.481	75	19153	24.616	ug/L	88
69) 1,3,5-Trichlorobenzene	14.627	180	155053	25.907	ug/L	98
70) 1,2,4-trichlorobenzene	15.127	180	119499	26.351	ug/L	94
71) Naphthalene	15.365	128	267116	27.527	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	117905	27.640	ug/L	94

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

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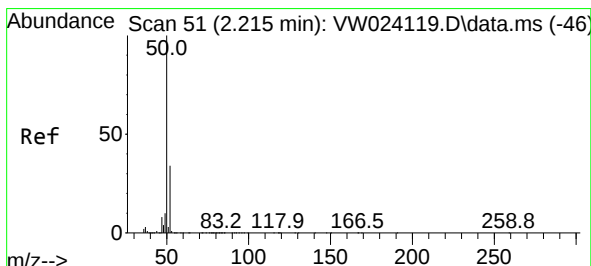
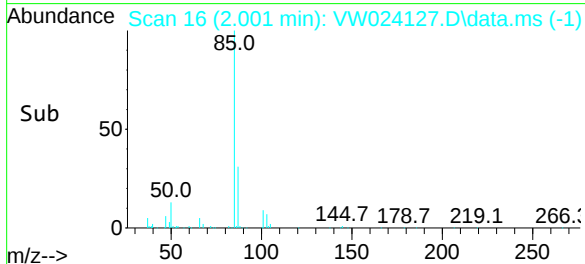
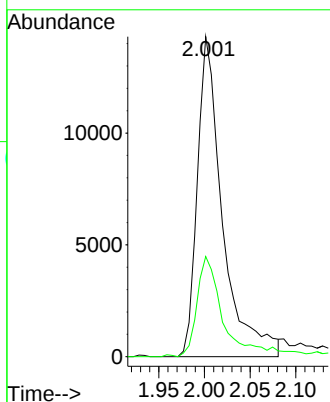
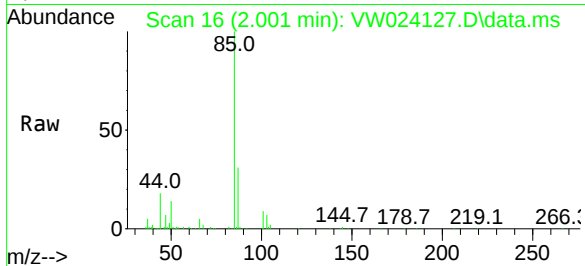




#2
Dichlorodifluoromethane
Concen: 15.017 ug/L
RT: 2.001 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW024127.D
Acq: 29 Jul 2022 10:45

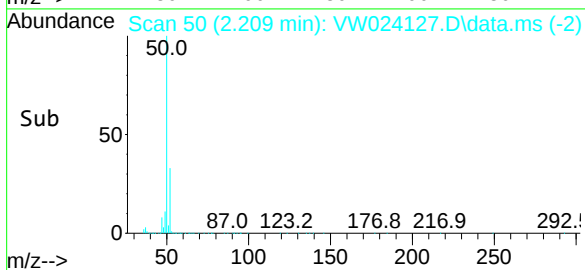
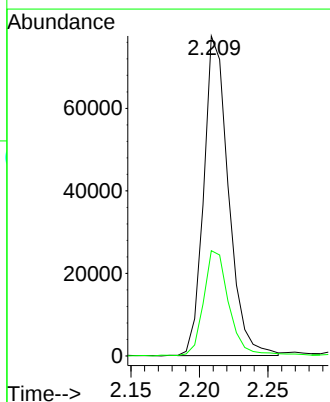
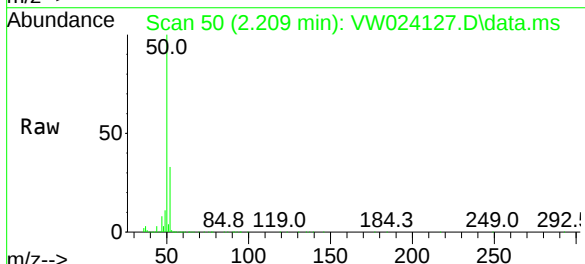
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MSVOA_W
ClientSampleId :

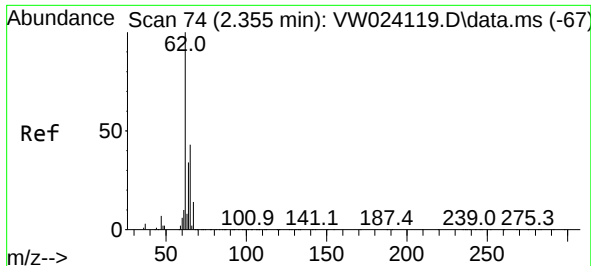
Tgt Ion: 85 Resp: 27404
Ion Ratio Lower Upper
85 100
87 31.1 24.2 36.2



#3
Chloromethane
Concen: 20.592 ug/L
RT: 2.209 min Scan# 50
Delta R.T. -0.006 min
Lab File: VW024127.D
Acq: 29 Jul 2022 10:45

Tgt Ion: 50 Resp: 97564
Ion Ratio Lower Upper
50 100
52 32.9 23.9 44.5

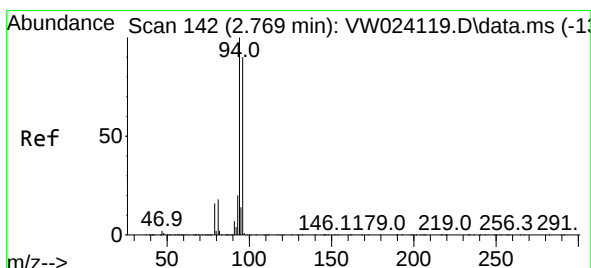
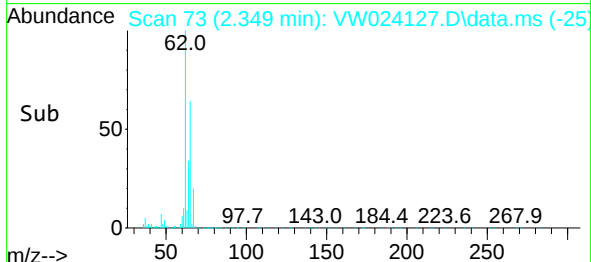
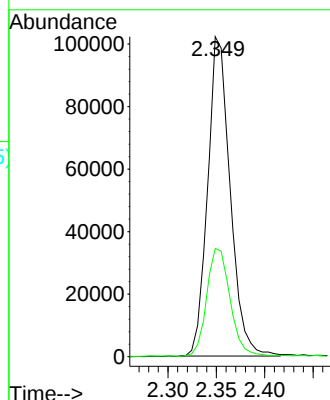
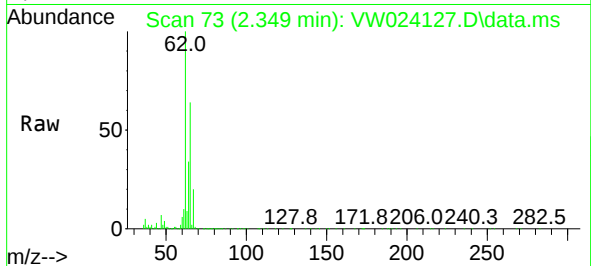




#5
 Vinyl chloride
 Concen: 22.464 ug/L
 RT: 2.349 min Scan# 74
 Delta R.T. -0.006 min
 Lab File: VW024127.D
 Acq: 29 Jul 2022 10:45

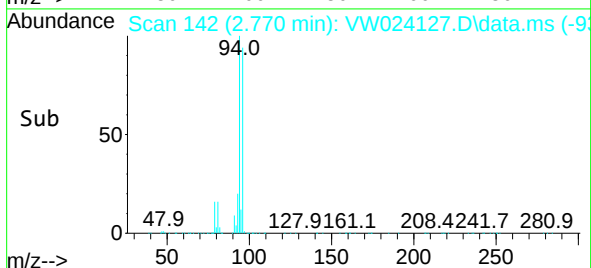
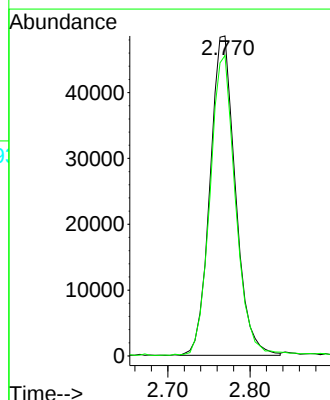
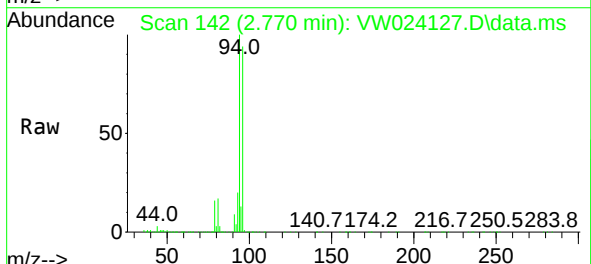
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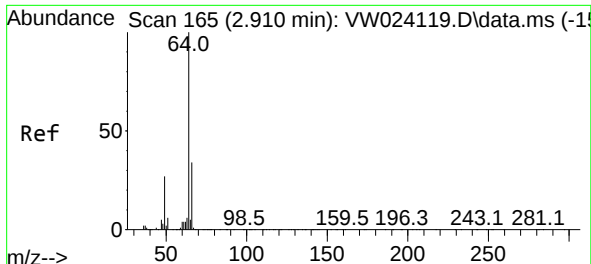
Tgt Ion: 62 Resp: 165883
 Ion Ratio Lower Upper
 62 100
 64 33.9 23.9 44.3



#6
 Bromomethane
 Concen: 25.499 ug/L
 RT: 2.770 min Scan# 142
 Delta R.T. 0.000 min
 Lab File: VW024127.D
 Acq: 29 Jul 2022 10:45

Tgt Ion: 94 Resp: 104024
 Ion Ratio Lower Upper
 94 100
 96 93.9 61.9 114.9

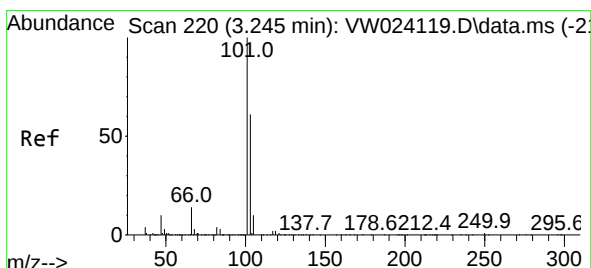
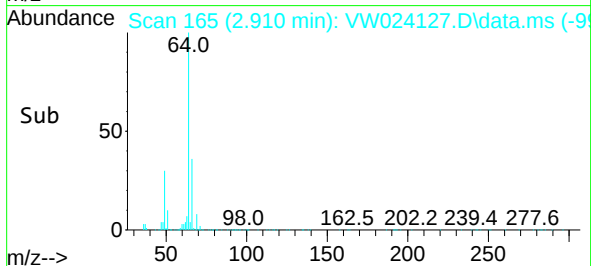
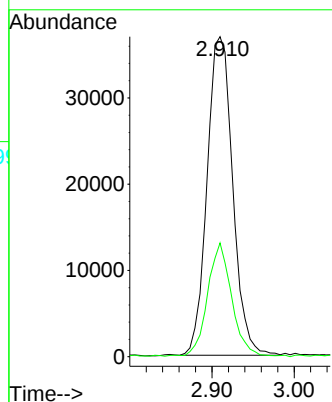
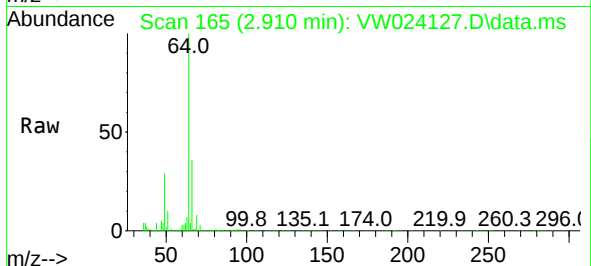




#8
Chloroethane
Concen: 24.662 ug/L
RT: 2.910 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW024127.D
Acq: 29 Jul 2022 10:45

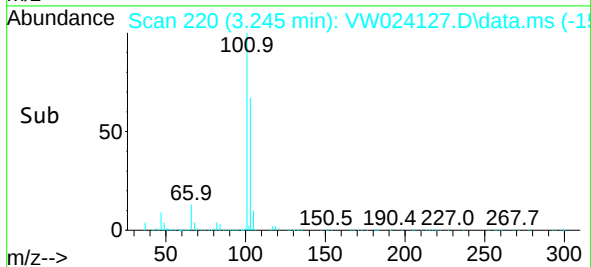
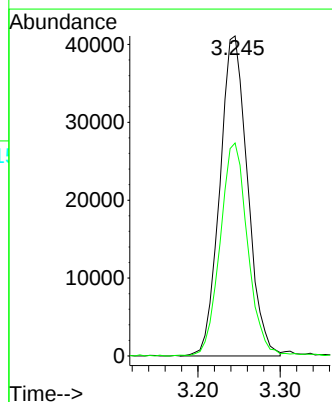
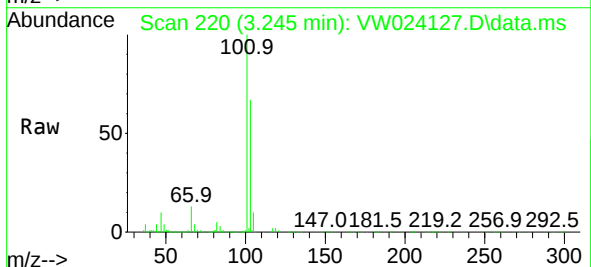
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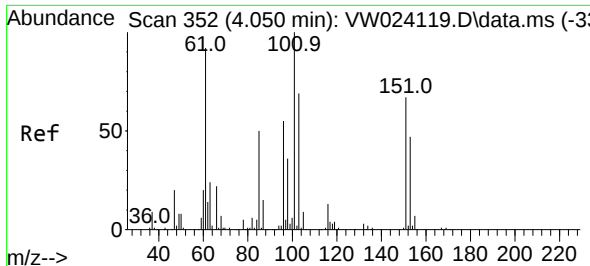
Tgt Ion: 64 Resp: 80115
Ion Ratio Lower Upper
64 100
66 35.5 23.9 44.3



#9
Trichlorofluoromethane
Concen: 27.981 ug/L
RT: 3.245 min Scan# 220
Delta R.T. 0.000 min
Lab File: VW024127.D
Acq: 29 Jul 2022 10:45

Tgt Ion: 101 Resp: 96192
Ion Ratio Lower Upper
101 100
103 65.3 52.4 78.6

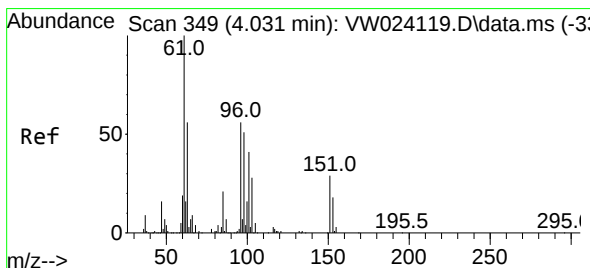
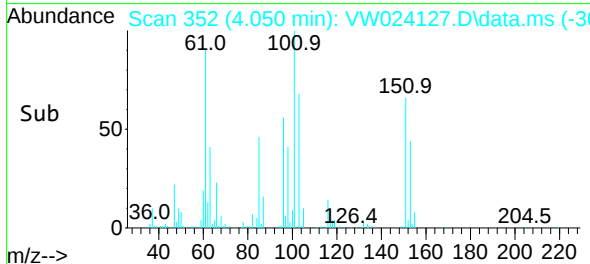
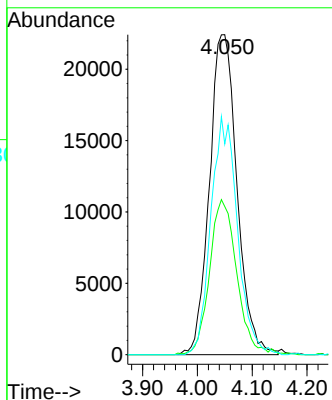
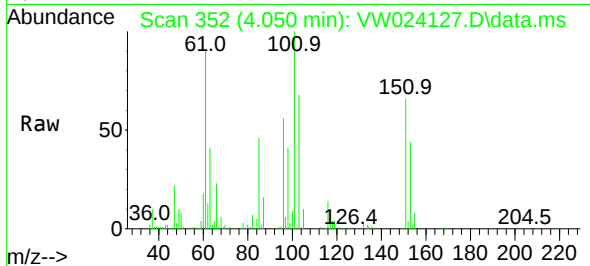




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 24.669 ug/L
 RT: 4.050 min Scan# 352
 Delta R.T. 0.000 min
 Lab File: VW024127.D
 Acq: 29 Jul 2022 10:45

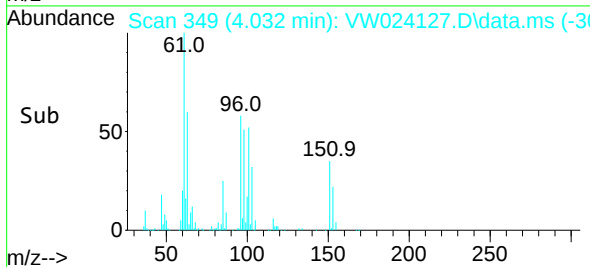
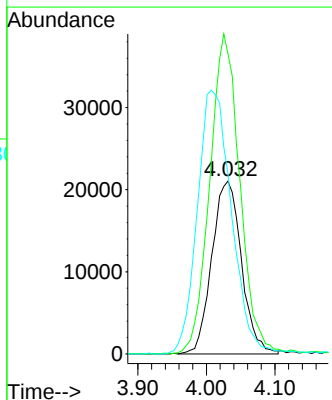
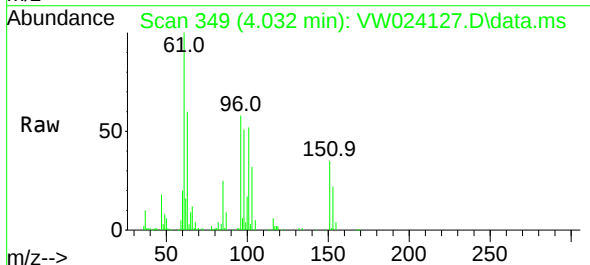
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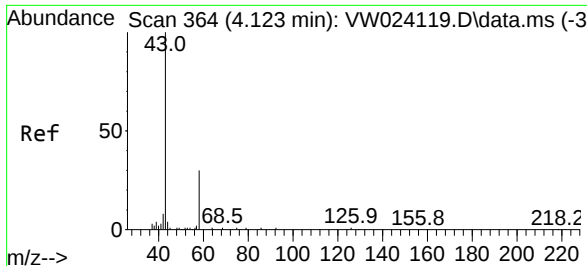
Tgt Ion:101 Resp: 78541
 Ion Ratio Lower Upper
 101 100
 85 47.3 39.8 59.8
 151 39.5 30.5 45.7



#12
 1,1-Dichloroethene
 Concen: 24.162 ug/L
 RT: 4.032 min Scan# 349
 Delta R.T. 0.000 min
 Lab File: VW024127.D
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Tgt Ion: 96 Resp: 63053
 Ion Ratio Lower Upper
 96 100
 61 173.7 128.4 238.4
 63 104.5 93.1 172.9

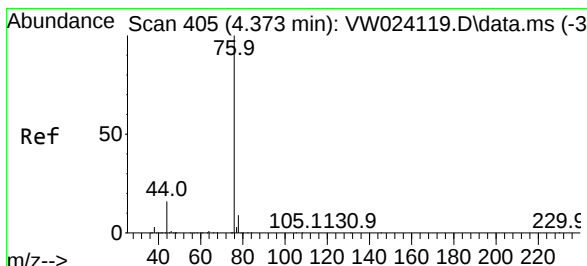
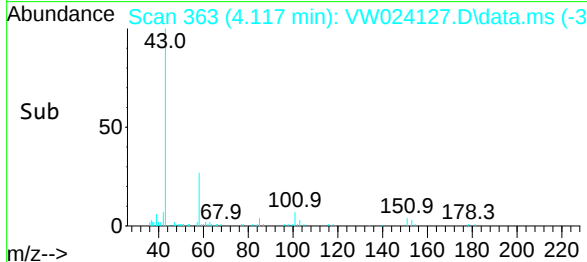
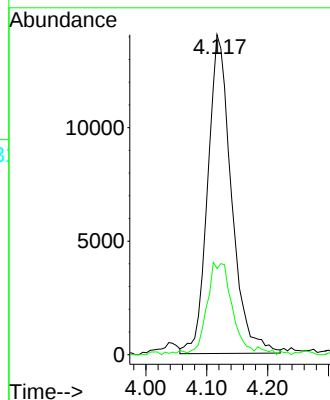
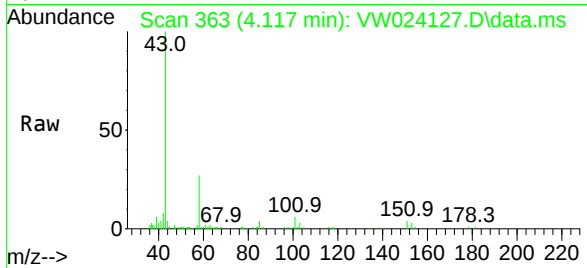




#13
Acetone
Concen: 56.945 ug/L
RT: 4.117 min Scan# 30
Delta R.T. -0.006 min
Lab File: VW024127.D
Acq: 29 Jul 2022 10:45

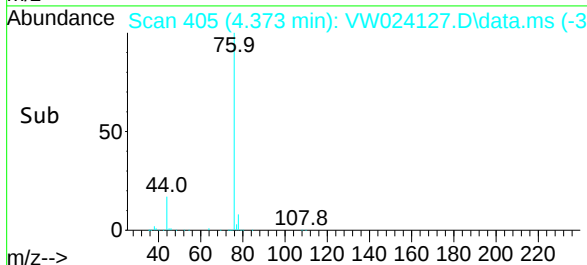
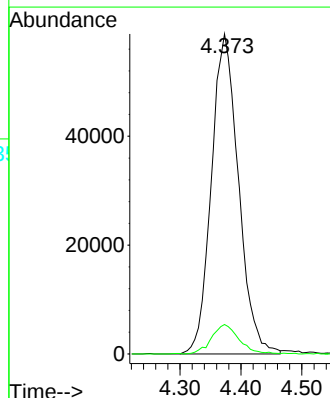
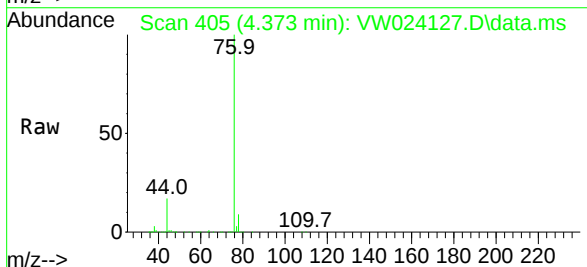
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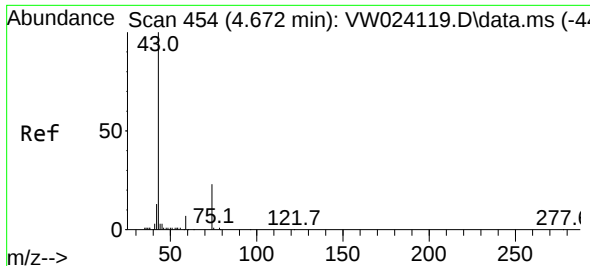
Tgt Ion: 43 Resp: 38037
Ion Ratio Lower Upper
43 100
58 13.5 0.0 60.0



#14
Carbon disulfide
Concen: 22.705 ug/L
RT: 4.373 min Scan# 405
Delta R.T. 0.000 min
Lab File: VW024127.D
Acq: 29 Jul 2022 10:45

Tgt Ion: 76 Resp: 181988
Ion Ratio Lower Upper
76 100
78 9.2 6.6 10.0

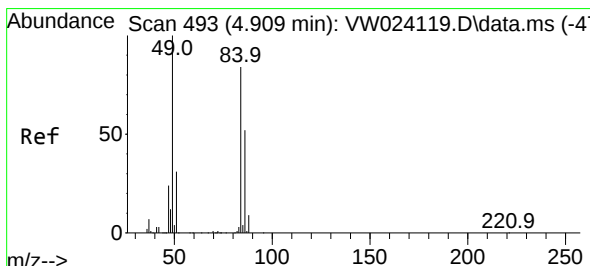
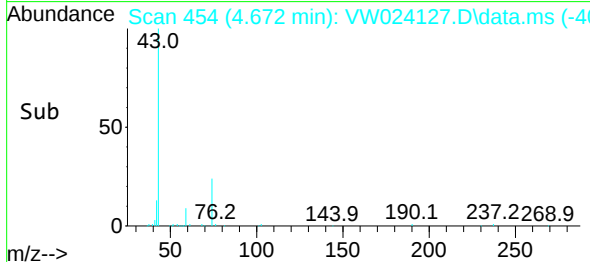
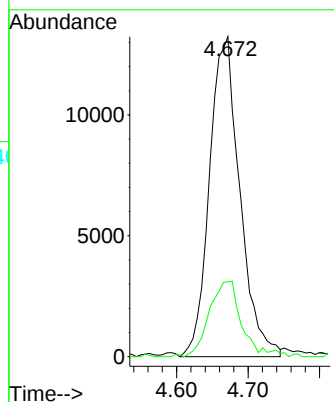
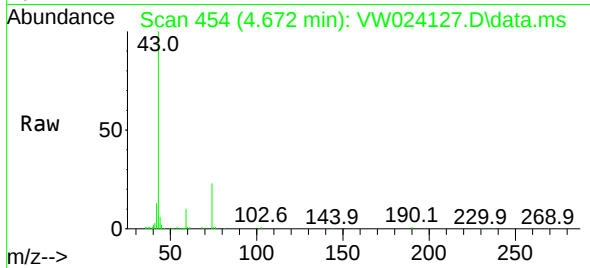




#15
Methyl Acetate
Concen: 24.217 ug/L
RT: 4.672 min Scan# 411
Delta R.T. 0.000 min
Lab File: VW024127.D
Acq: 29 Jul 2022 10:45

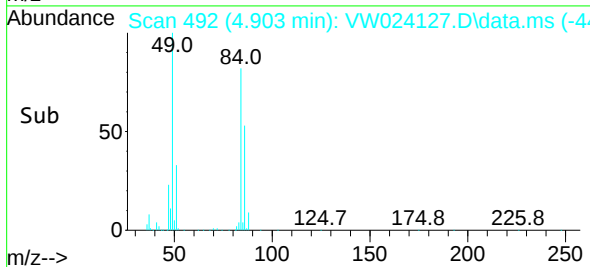
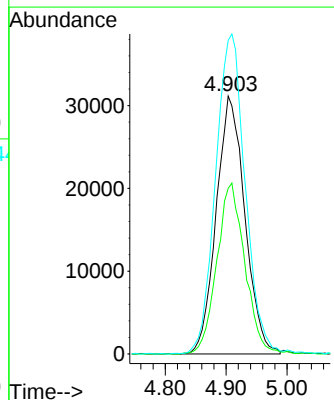
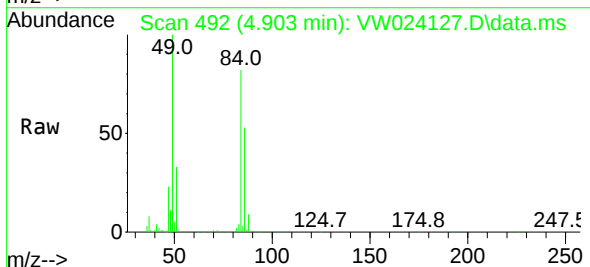
Instrument :
MSVOA_W
ClientSampleId :

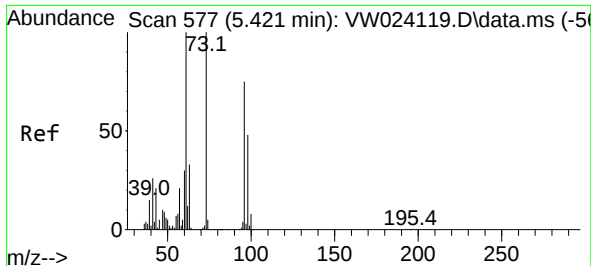
Tgt Ion: 43 Resp: 39022
Ion Ratio Lower Upper
43 100
74 23.8 21.1 31.7



#16
Methylene chloride
Concen: 27.030 ug/L
RT: 4.903 min Scan# 492
Delta R.T. -0.006 min
Lab File: VW024127.D
Acq: 29 Jul 2022 10:45

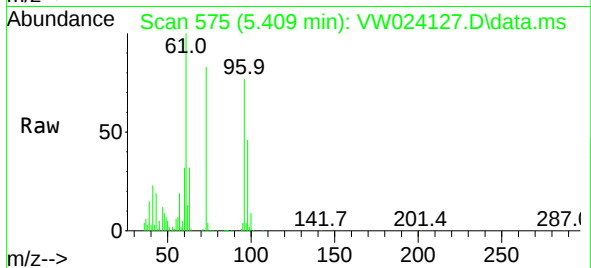
Tgt Ion: 84 Resp: 101655
Ion Ratio Lower Upper
84 100
86 64.2 44.7 83.1
49 121.5 83.7 155.4



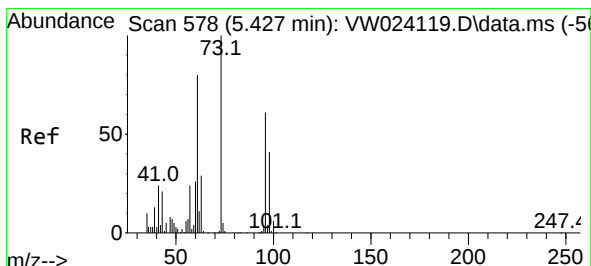
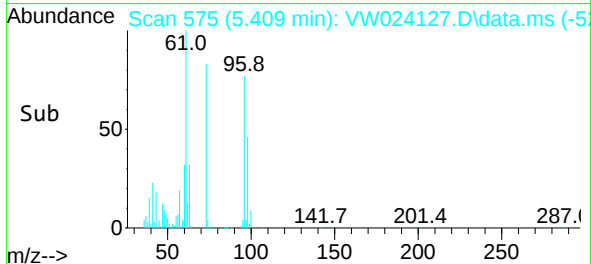
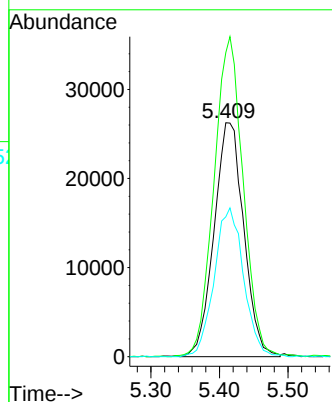


#17
trans-1,2-Dichloroethene
Concen: 24.732 ug/L
RT: 5.409 min Scan# 575
Delta R.T. -0.012 min
Lab File: VW024127.D
Acq: 29 Jul 2022 10:45

Instrument :
MSVOA_W
ClientSampleId :

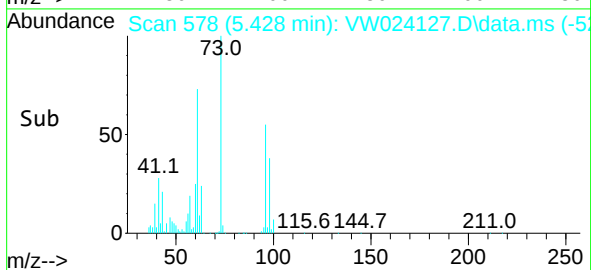
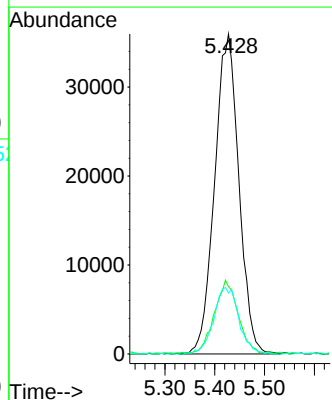
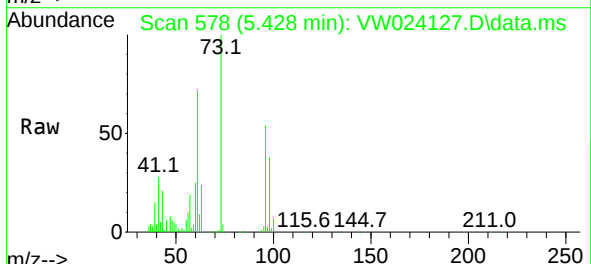


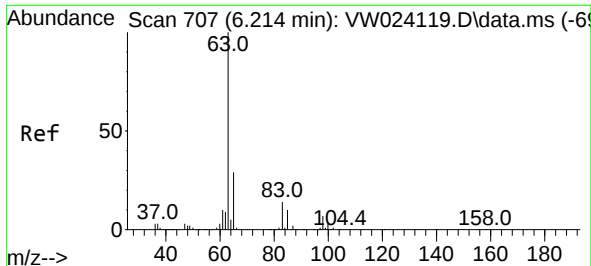
Tgt Ion: 96 Resp: 78969
Ion Ratio Lower Upper
96 100
61 130.0 92.7 172.1
98 59.8 44.1 81.9



#18
Methyl tert-butyl Ether
Concen: 25.602 ug/L
RT: 5.428 min Scan# 578
Delta R.T. 0.000 min
Lab File: VW024127.D
Acq: 29 Jul 2022 10:45

Tgt Ion: 73 Resp: 121172
Ion Ratio Lower Upper
73 100
43 21.9 17.3 25.9
57 21.7 16.6 25.0





#19

1,1-Dichloroethane

Concen: 25.202 ug/L

RT: 6.208 min Scan# 707

Delta R.T. -0.006 min

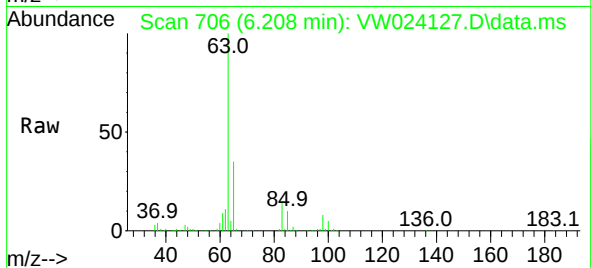
Lab File: VW024127.D

Acq: 29 Jul 2022 10:45

Instrument :

MSVOA_W

ClientSampleId :



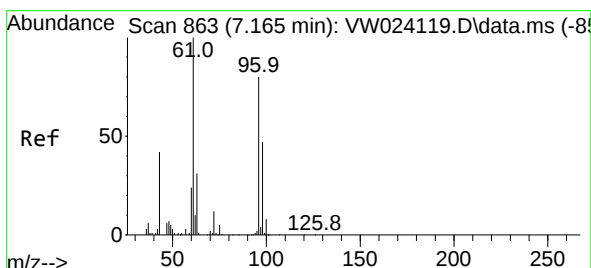
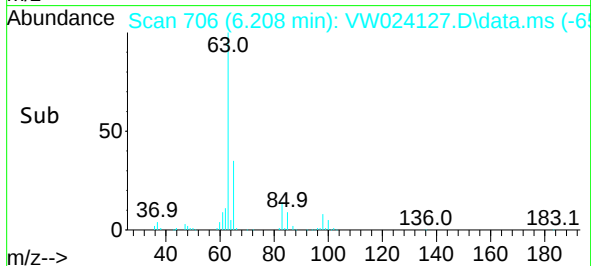
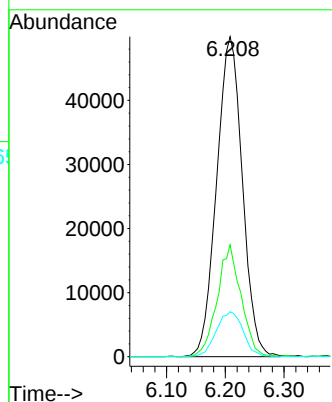
Tgt Ion: 63 Resp: 151994

Ion Ratio Lower Upper

63 100

65 35.0 23.4 43.4

83 14.0 9.7 17.9



#20

cis-1,2-Dichloroethene

Concen: 25.482 ug/L

RT: 7.165 min Scan# 863

Delta R.T. 0.000 min

Lab File: VW024127.D

Acq: 29 Jul 2022 10:45

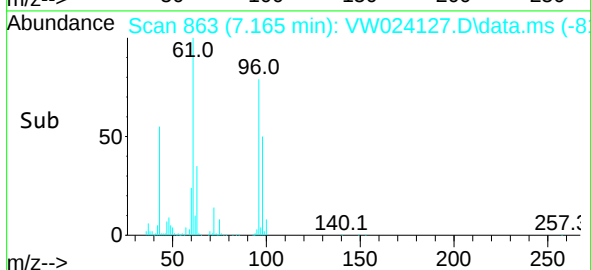
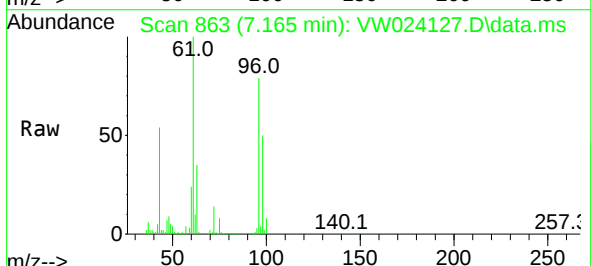
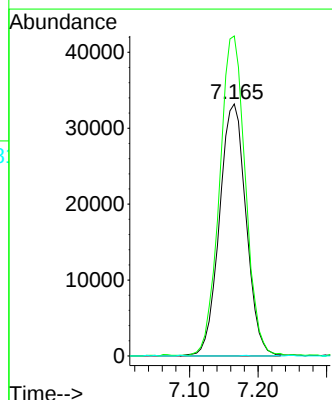
Tgt Ion: 96 Resp: 89343

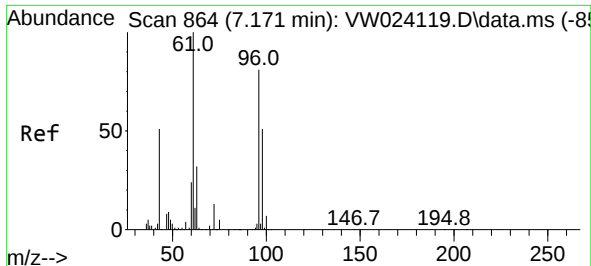
Ion Ratio Lower Upper

96 100

61 127.0 85.3 158.3

68 0.0 0.0 0.0

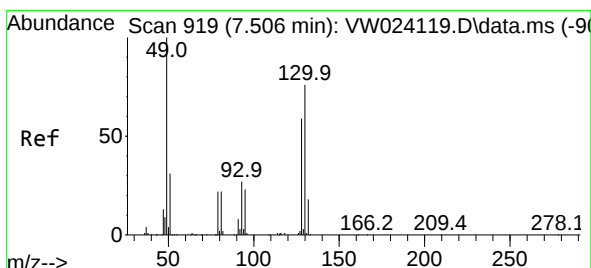
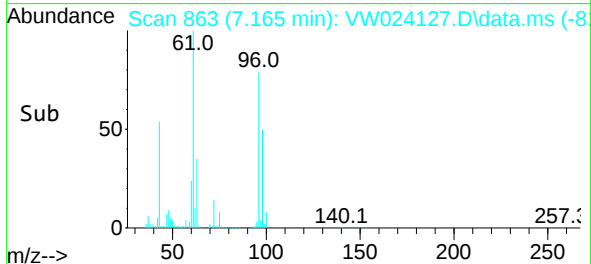
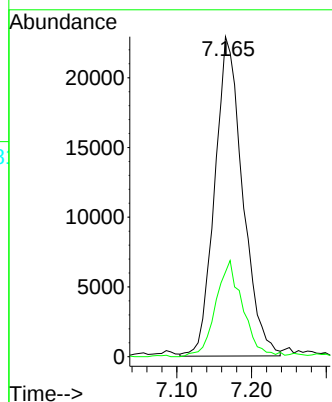
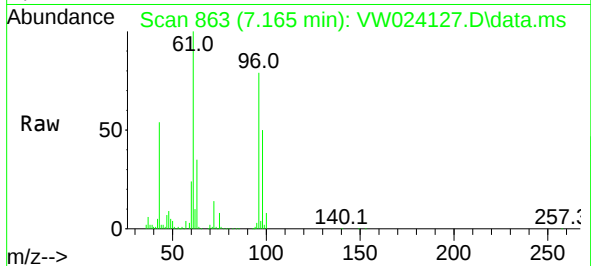




#22
2-Butanone
Concen: 55.654 ug/L
RT: 7.165 min Scan# 863
Delta R.T. -0.006 min
Lab File: VW024127.D
Acq: 29 Jul 2022 10:45

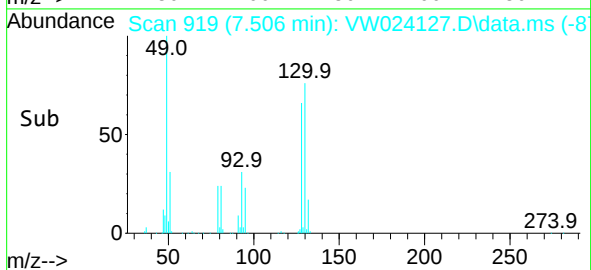
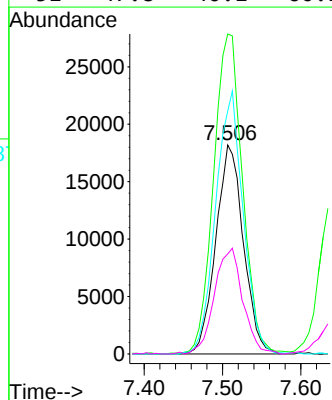
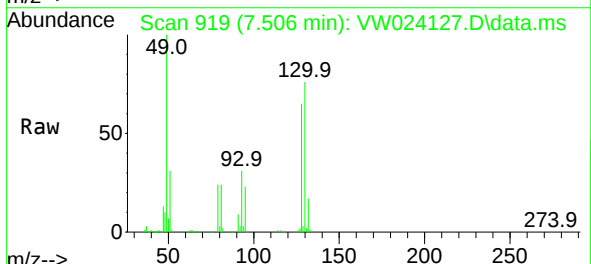
Instrument :
MSVOA_W
ClientSampleId :

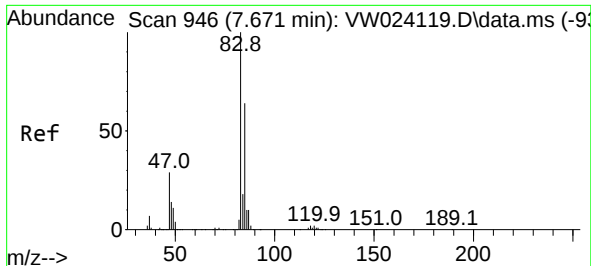
Tgt Ion: 43 Resp: 59668
Ion Ratio Lower Upper
43 100
72 28.8 15.0 45.0



#23
Bromochloromethane
Concen: 24.708 ug/L
RT: 7.506 min Scan# 919
Delta R.T. 0.000 min
Lab File: VW024127.D
Acq: 29 Jul 2022 10:45

Tgt Ion: 128 Resp: 44582
Ion Ratio Lower Upper
128 100
49 153.1 119.8 222.4
130 116.2 90.7 168.5
51 47.8 40.1 60.1

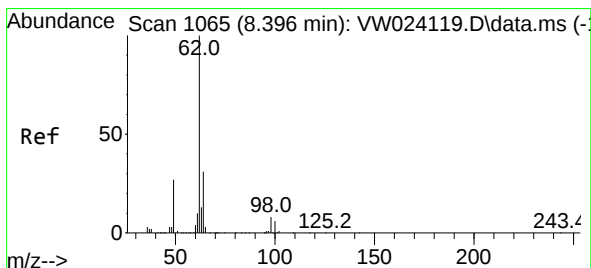
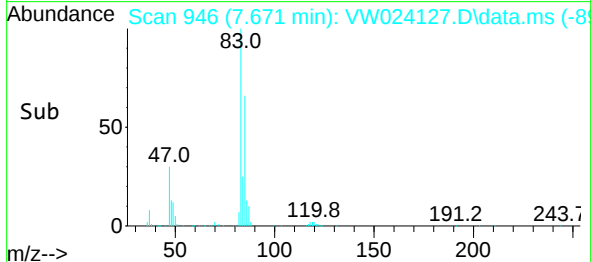
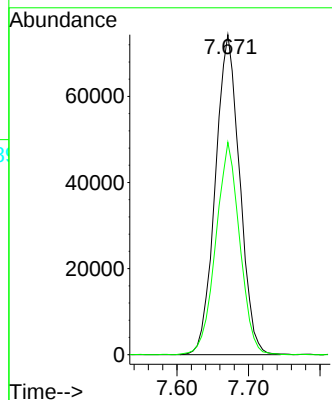
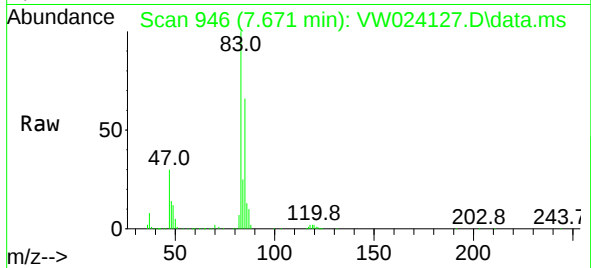




#25
Chloroform
Concen: 25.173 ug/L
RT: 7.671 min Scan# 946
Delta R.T. 0.000 min
Lab File: VW024127.D
Acq: 29 Jul 2022 10:45

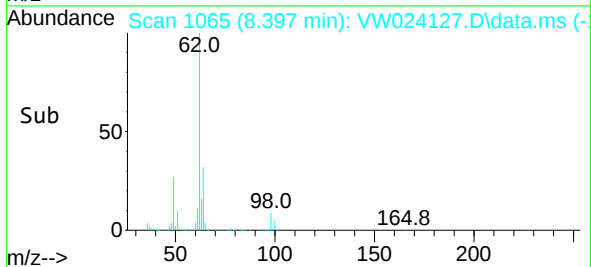
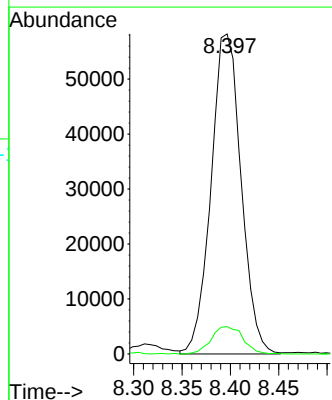
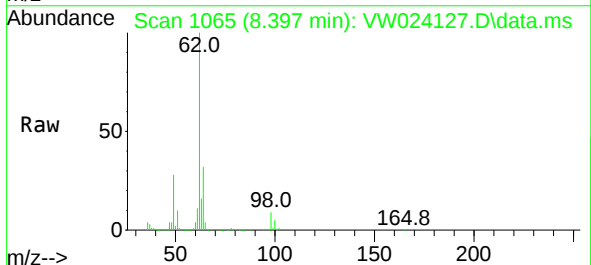
Instrument :
MSVOA_W
ClientSampleId :

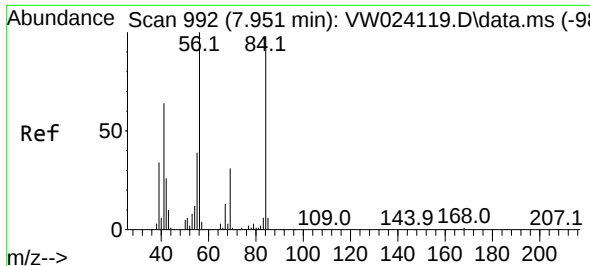
Tgt Ion: 83 Resp: 175670
Ion Ratio Lower Upper
83 100
85 66.4 44.1 81.9



#27
1,2-Dichloroethane
Concen: 25.327 ug/L
RT: 8.397 min Scan# 1065
Delta R.T. 0.000 min
Lab File: VW024127.D
Acq: 29 Jul 2022 10:45

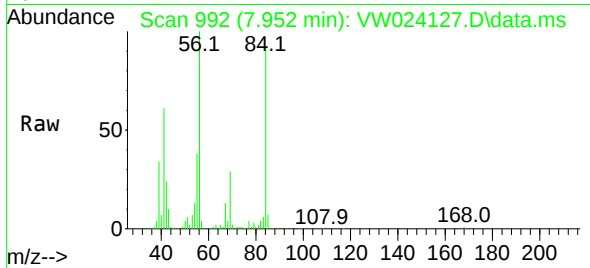
Tgt Ion: 62 Resp: 125882
Ion Ratio Lower Upper
62 100
98 8.5 7.1 10.7



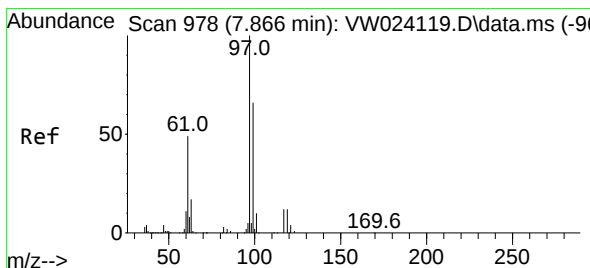
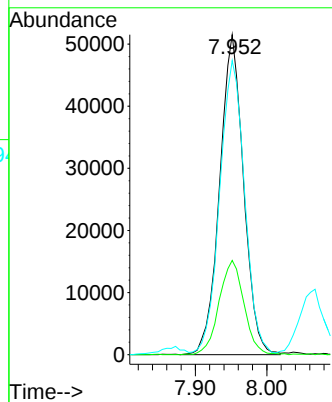
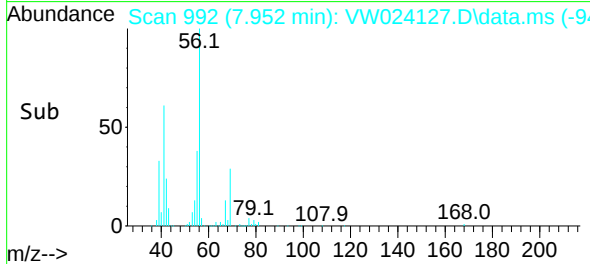


#29
Cyclohexane
Concen: 24.977 ug/L
RT: 7.952 min Scan# 992
Delta R.T. 0.000 min
Lab File: VW024127.D
Acq: 29 Jul 2022 10:45

Instrument :
MSVOA_W
ClientSampleId :

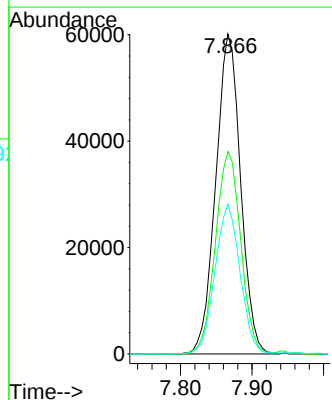
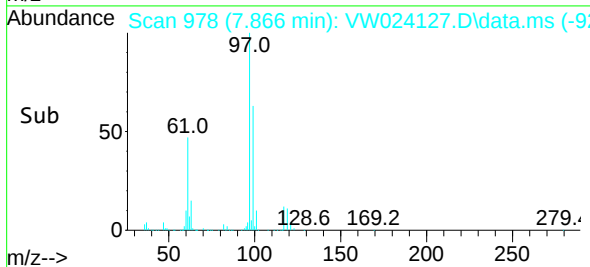
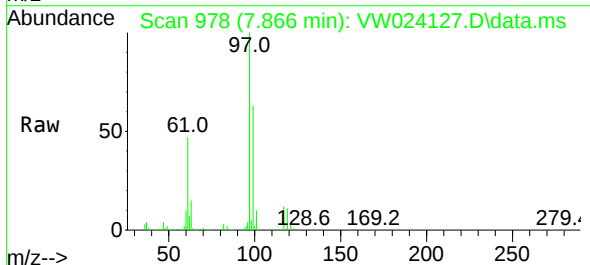


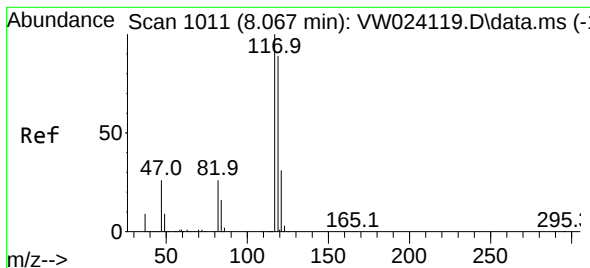
Tgt Ion: 56 Resp: 119622
Ion Ratio Lower Upper
56 100
69 30.5 24.1 36.1
84 95.8 76.2 114.4



#30
1,1,1-Trichloroethane
Concen: 24.995 ug/L
RT: 7.866 min Scan# 978
Delta R.T. 0.000 min
Lab File: VW024127.D
Acq: 29 Jul 2022 10:45

Tgt Ion: 97 Resp: 145226
Ion Ratio Lower Upper
97 100
99 64.6 51.7 77.5
61 47.4 37.8 56.6





#31

Carbon tetrachloride

Concen: 25.411 ug/L

RT: 8.061 min Scan# 1011

Delta R.T. -0.006 min

Lab File: VW024127.D

Acq: 29 Jul 2022 10:45

Instrument :

MSVOA_W

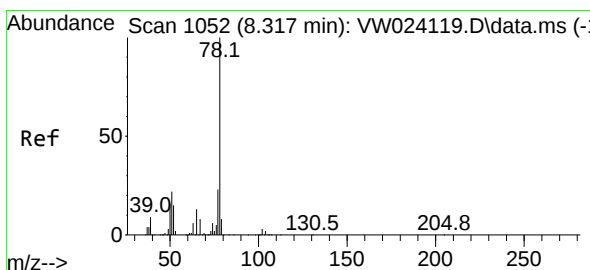
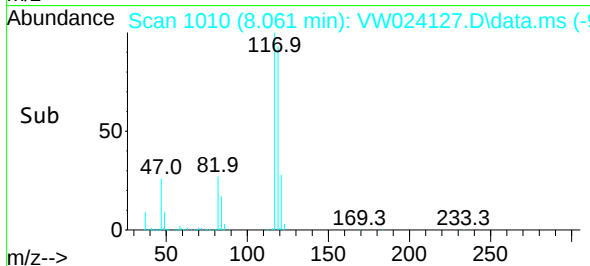
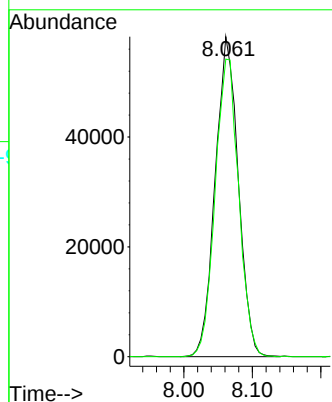
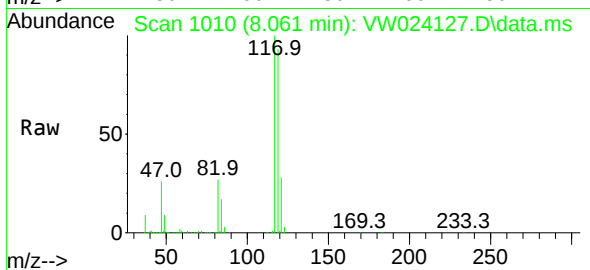
ClientSampleId :

Tgt Ion:117 Resp: 136097

Ion Ratio Lower Upper

117 100

119 95.0 75.0 112.4



#33

Benzene

Concen: 24.855 ug/L

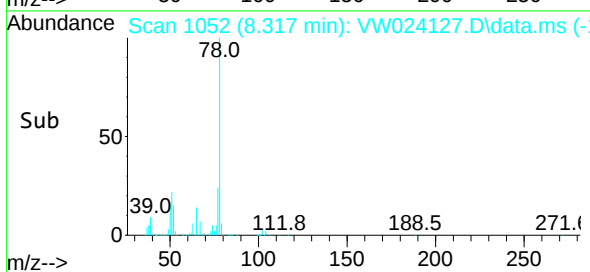
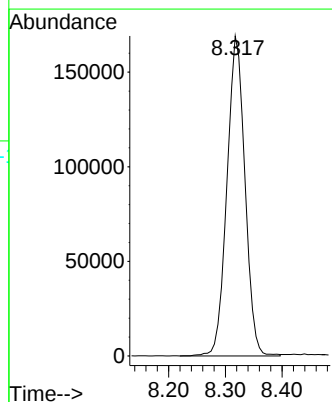
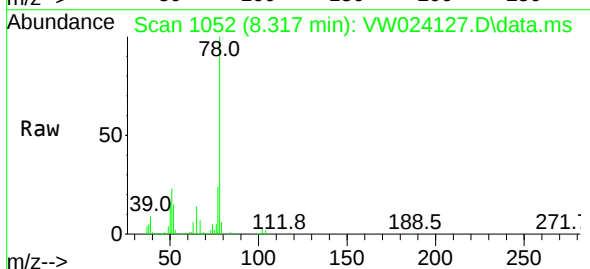
RT: 8.317 min Scan# 1052

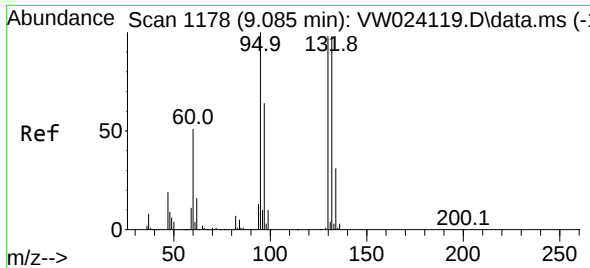
Delta R.T. 0.000 min

Lab File: VW024127.D

Acq: 29 Jul 2022 10:45

Tgt Ion: 78 Resp: 373239





#34

Trichloroethene

Concen: 24.340 ug/L

RT: 9.092 min Scan# 1179

Delta R.T. 0.006 min

Lab File: VW024127.D

Acq: 29 Jul 2022 10:45

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 95 Resp: 96784

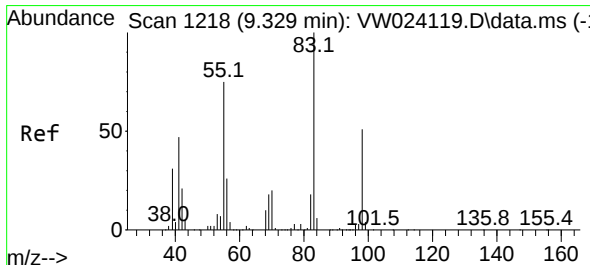
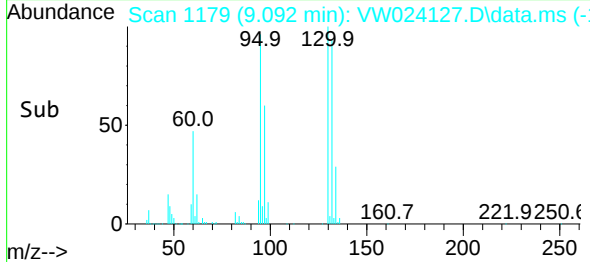
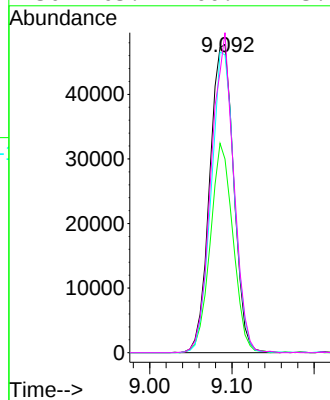
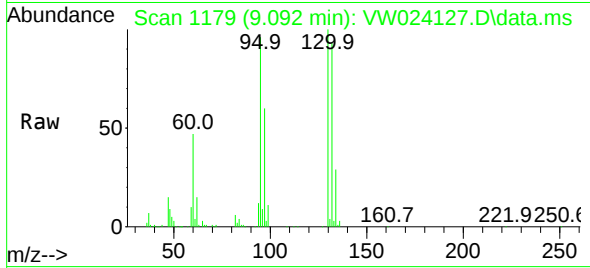
Ion Ratio Lower Upper

95 100

97 62.8 46.5 86.3

132 96.6 65.8 122.2

130 103.9 66.2 123.0



#35

Methylcyclohexane

Concen: 25.226 ug/L

RT: 9.329 min Scan# 1218

Delta R.T. 0.000 min

Lab File: VW024127.D

Acq: 29 Jul 2022 10:45

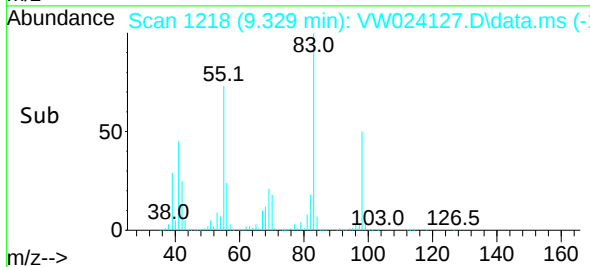
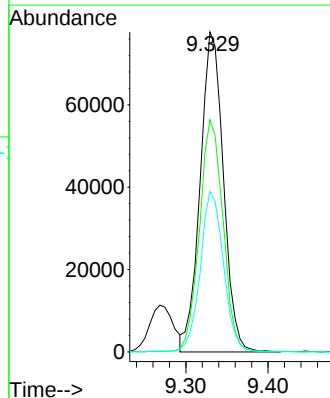
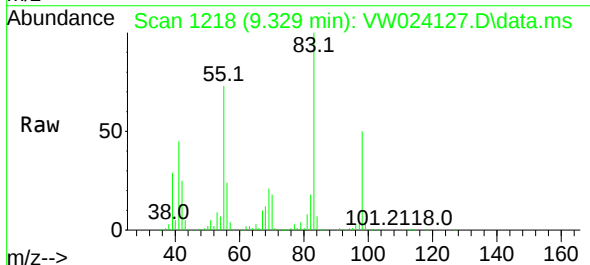
Tgt Ion: 83 Resp: 152393

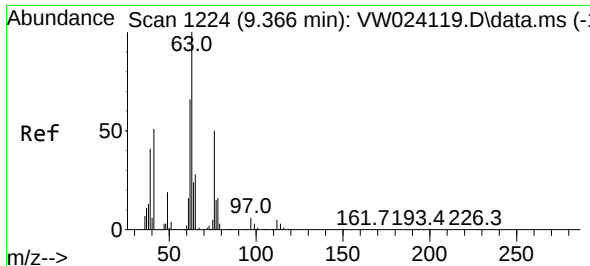
Ion Ratio Lower Upper

83 100

55 73.8 57.3 85.9

98 50.3 38.9 58.3





#37

1,2-Dichloropropane

Concen: 25.541 ug/L

RT: 9.366 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW024127.D

Acq: 29 Jul 2022 10:45

Instrument :

MSVOA_W

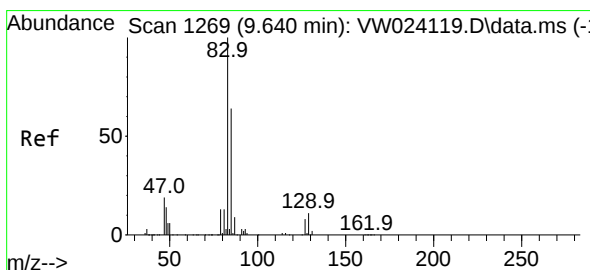
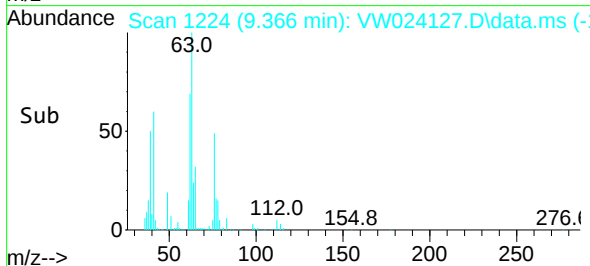
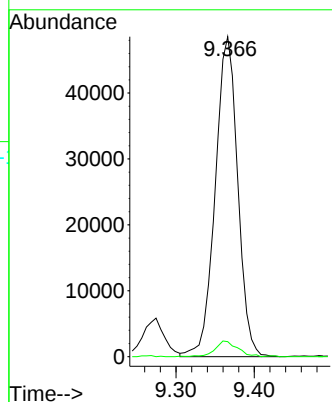
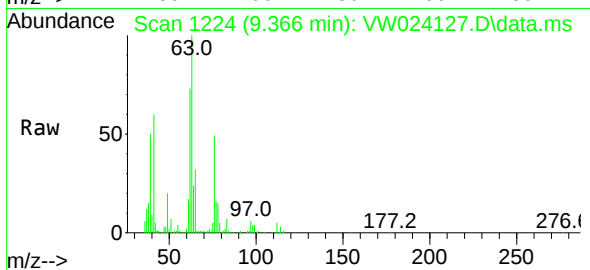
ClientSampleId :

Tgt Ion: 63 Resp: 96962

Ion Ratio Lower Upper

63 100

112 4.7 3.9 5.9



#38

Bromodichloromethane

Concen: 25.350 ug/L

RT: 9.640 min Scan# 1269

Delta R.T. 0.000 min

Lab File: VW024127.D

Acq: 29 Jul 2022 10:45

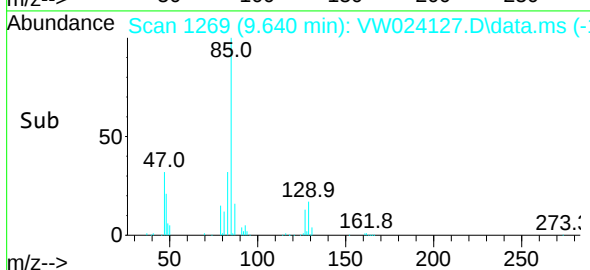
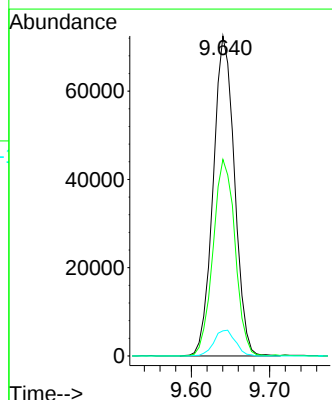
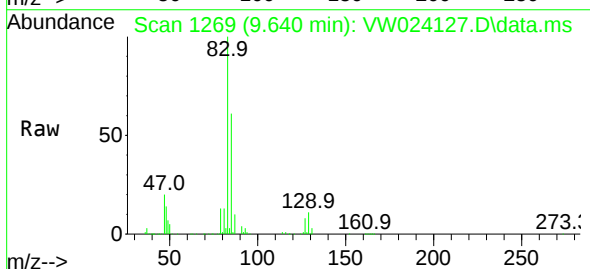
Tgt Ion: 83 Resp: 137209

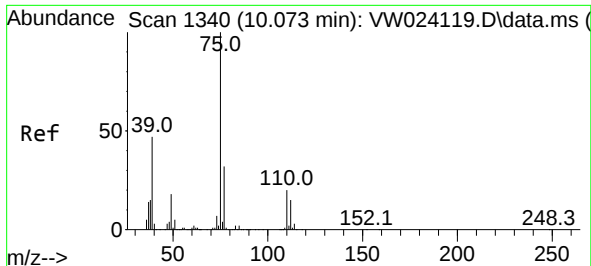
Ion Ratio Lower Upper

83 100

85 61.4 45.1 83.7

127 7.9 6.4 9.6





#39

cis-1,3-Dichloropropene

Concen: 26.164 ug/L

RT: 10.067 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW024127.D

Acq: 29 Jul 2022 10:45

Instrument :

MSVOA_W

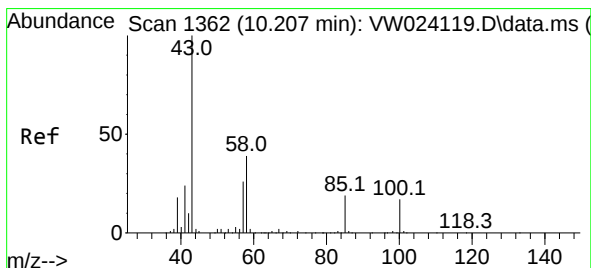
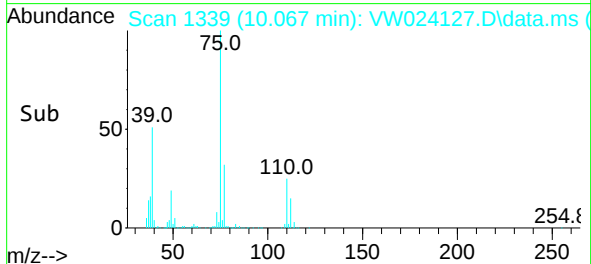
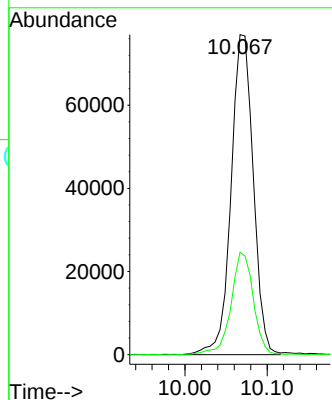
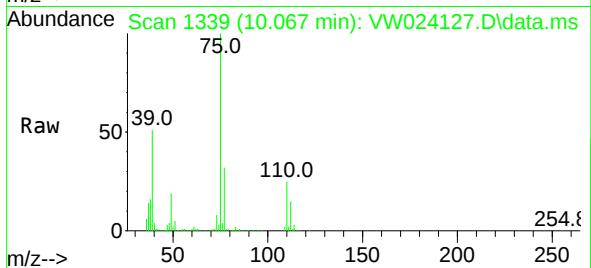
ClientSampleId :

Tgt Ion: 75 Resp: 144711

Ion Ratio Lower Upper

75 100

77 32.0 21.8 40.6



#40

4-Methyl-2-pentanone

Concen: 53.435 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. 0.000 min

Lab File: VW024127.D

Acq: 29 Jul 2022 10:45

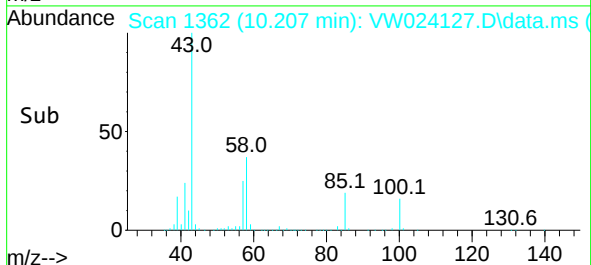
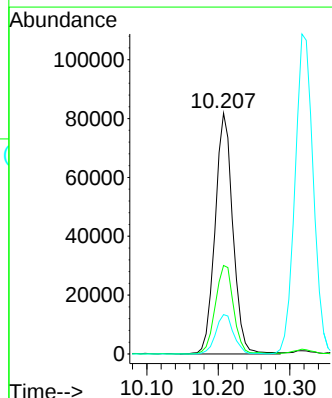
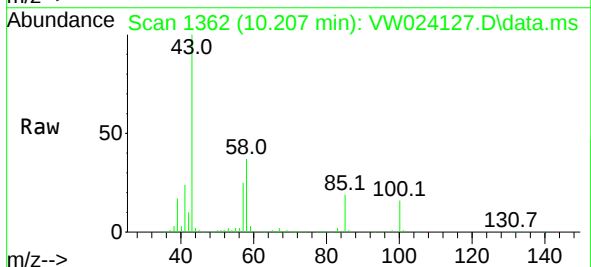
Tgt Ion: 43 Resp: 141158

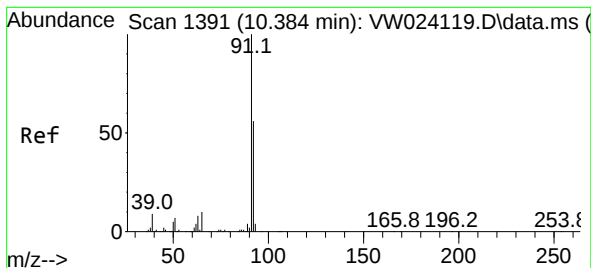
Ion Ratio Lower Upper

43 100

58 37.5 30.8 46.2

100 16.4 13.0 19.6





#42

Toluene

Concen: 26.513 ug/L

RT: 10.384 min Scan# 1391

Delta R.T. 0.000 min

Lab File: VW024127.D

Acq: 29 Jul 2022 10:45

Instrument :

MSVOA_W

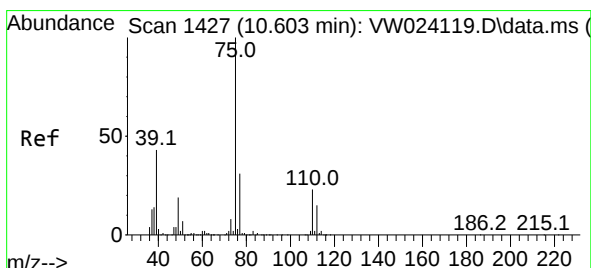
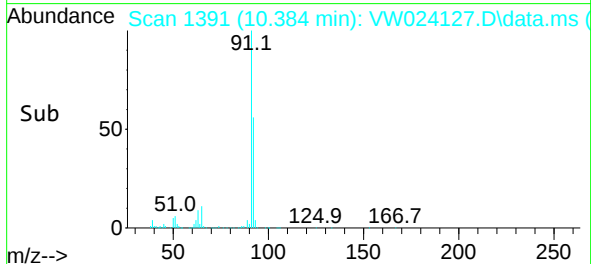
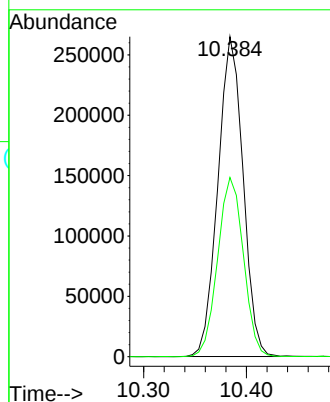
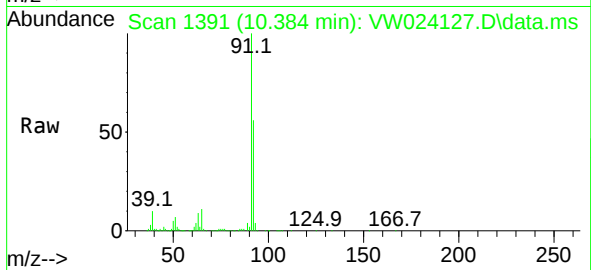
ClientSampleId :

Tgt Ion: 91 Resp: 450329

Ion Ratio Lower Upper

91 100

92 56.0 40.3 74.9



#44

trans-1,3-Dichloropropene

Concen: 26.890 ug/L

RT: 10.604 min Scan# 1427

Delta R.T. 0.000 min

Lab File: VW024127.D

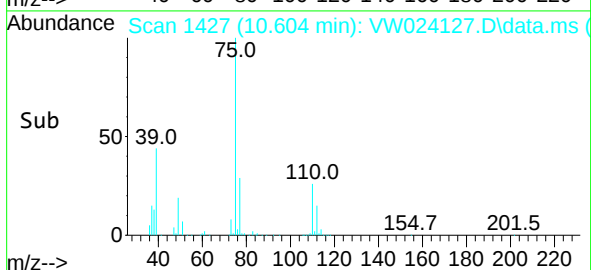
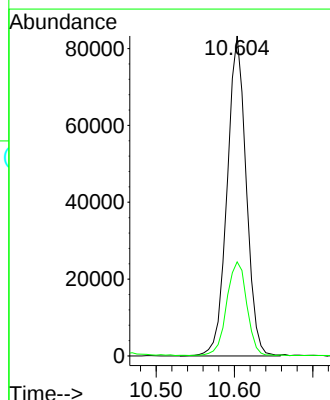
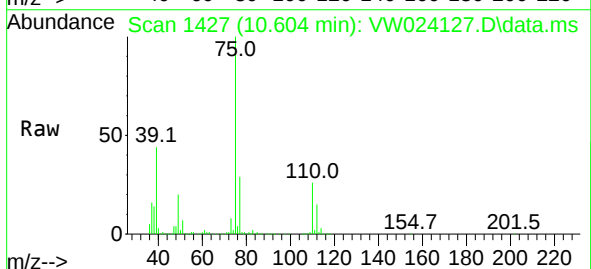
Acq: 29 Jul 2022 10:45

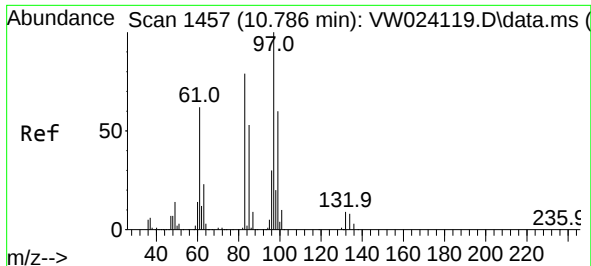
Tgt Ion: 75 Resp: 140847

Ion Ratio Lower Upper

75 100

77 29.4 21.3 39.6





#45

1,1,2-Trichloroethane

Concen: 25.279 ug/L

RT: 10.786 min Scan# 1457

Delta R.T. 0.000 min

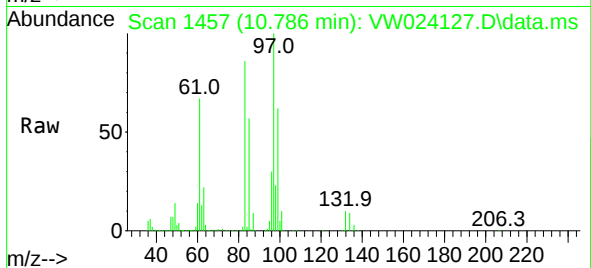
Lab File: VW024127.D

Acq: 29 Jul 2022 10:45

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 97 Resp: 83838

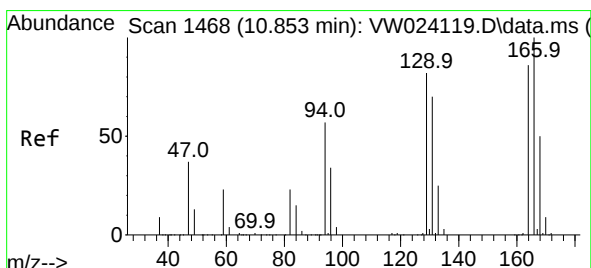
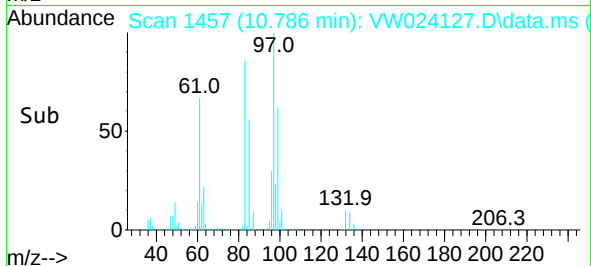
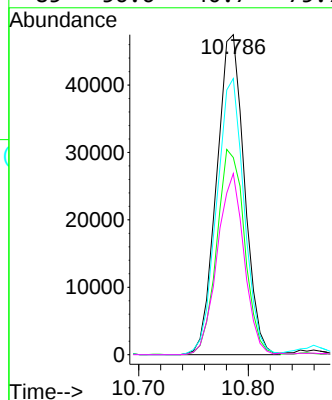
Ion Ratio Lower Upper

97 100

99 61.6 46.2 85.8

83 86.3 61.2 113.6

85 56.6 40.7 75.7



#46

Tetrachloroethene

Concen: 25.232 ug/L

RT: 10.860 min Scan# 1469

Delta R.T. 0.006 min

Lab File: VW024127.D

Acq: 29 Jul 2022 10:45

Tgt Ion:164 Resp: 78525

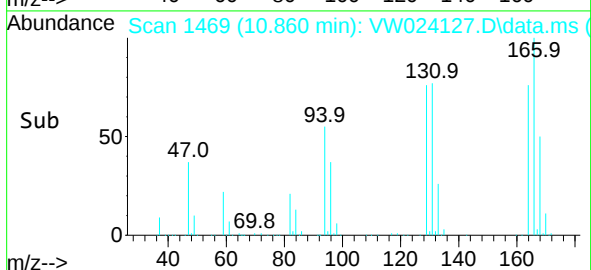
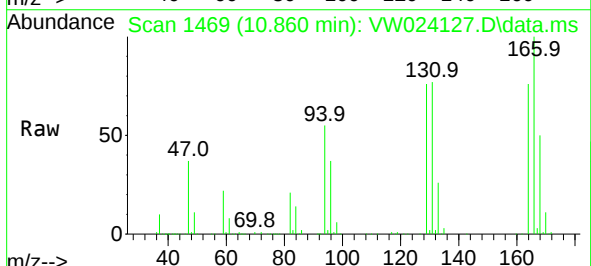
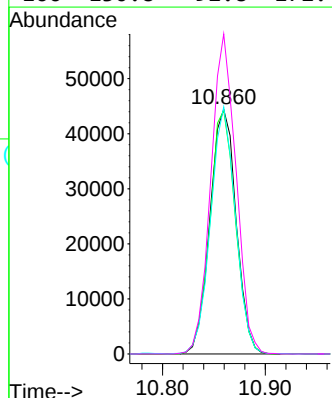
Ion Ratio Lower Upper

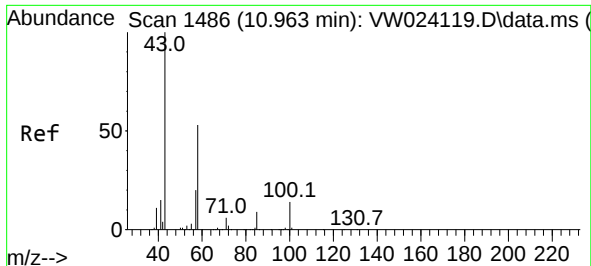
164 100

129 99.5 65.7 122.1

131 100.9 69.2 128.4

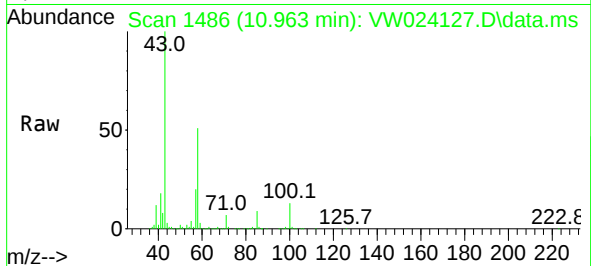
166 130.8 92.8 172.4



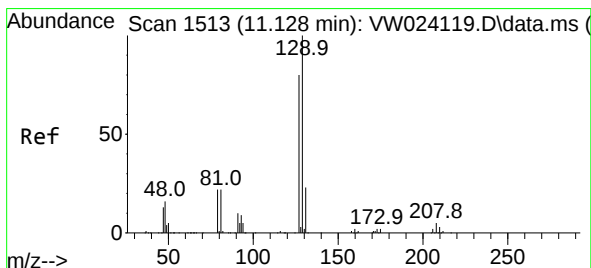
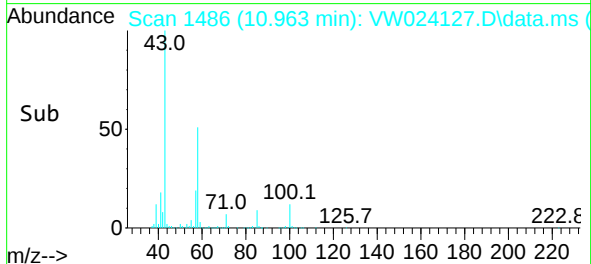
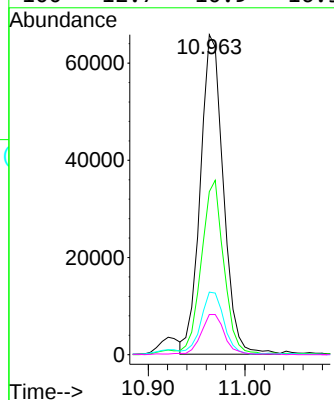


#48
2-Hexanone
Concen: 56.888 ug/L
RT: 10.963 min Scan# 1486
Delta R.T. 0.000 min
Lab File: VW024127.D
Acq: 29 Jul 2022 10:45

Instrument :
MSVOA_W
ClientSampleId :

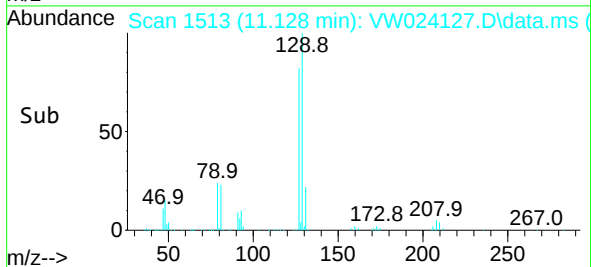
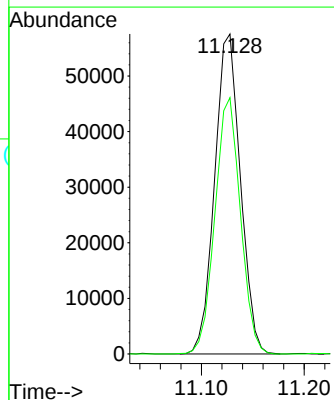
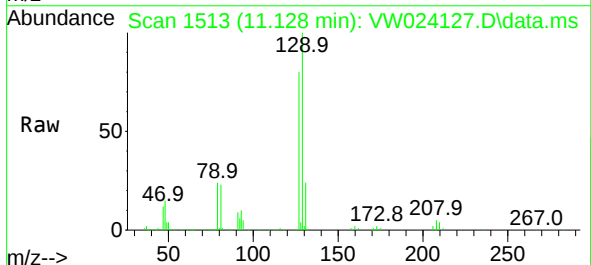


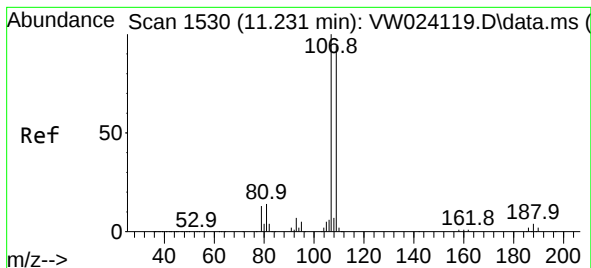
Tgt Ion: 43 Resp: 108907
Ion Ratio Lower Upper
43 100
58 53.4 41.0 61.6
57 19.3 14.5 21.7
100 12.7 10.9 16.3



#49
Dibromochloromethane
Concen: 25.895 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VW024127.D
Acq: 29 Jul 2022 10:45

Tgt Ion: 129 Resp: 100346
Ion Ratio Lower Upper
129 100
127 80.1 55.0 102.2

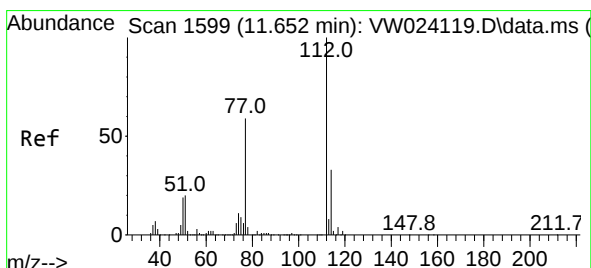
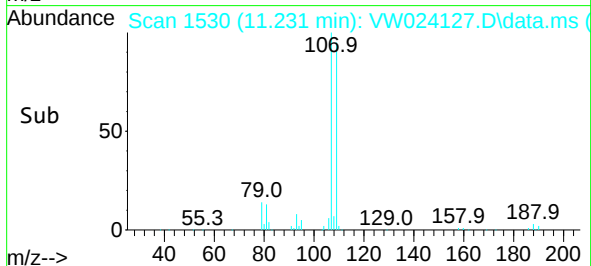
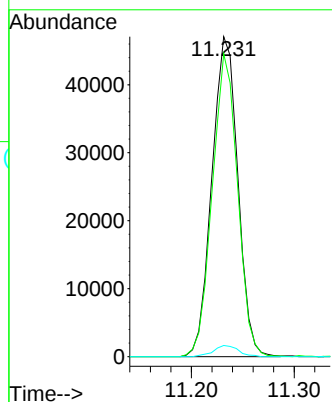
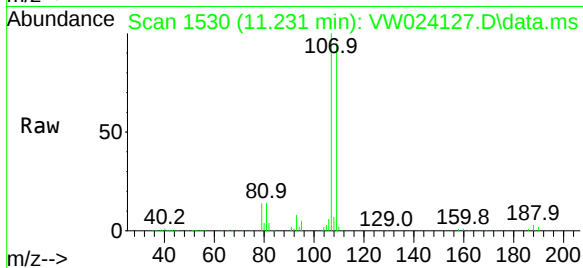




#50
1,2-Dibromoethane
Concen: 25.374 ug/L
RT: 11.231 min Scan# 1530
Delta R.T. 0.000 min
Lab File: VW024127.D
Acq: 29 Jul 2022 10:45

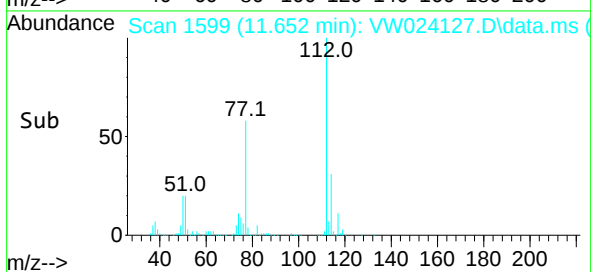
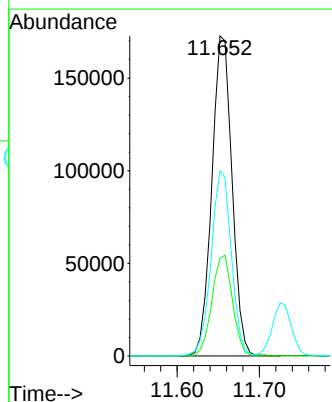
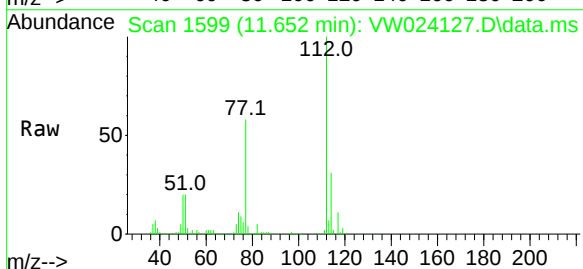
Instrument :
MSVOA_W
ClientSampleId :

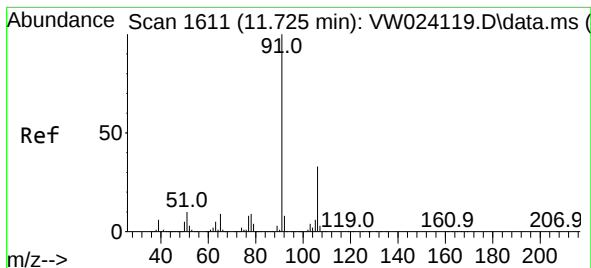
Tgt Ion:107 Resp: 82392
Ion Ratio Lower Upper
107 100
109 94.6 62.2 115.6
188 3.7 2.2 3.2#



#51
Chlorobenzene
Concen: 25.815 ug/L
RT: 11.652 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VW024127.D
Acq: 29 Jul 2022 10:45

Tgt Ion:112 Resp: 295095
Ion Ratio Lower Upper
112 100
114 30.5 23.7 43.9
77 57.8 48.2 72.2

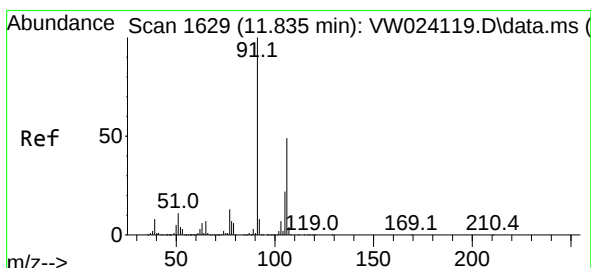
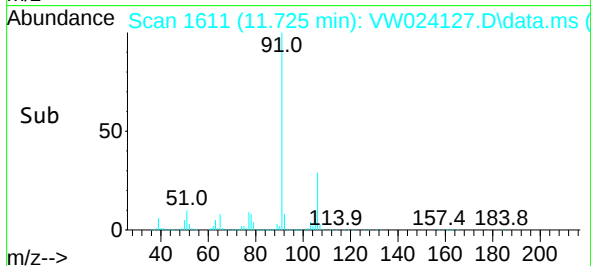
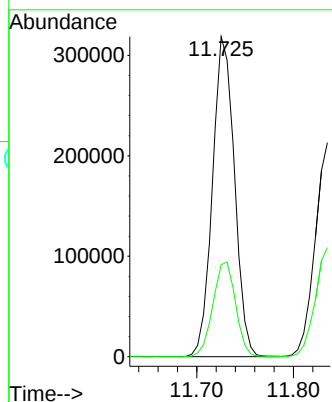
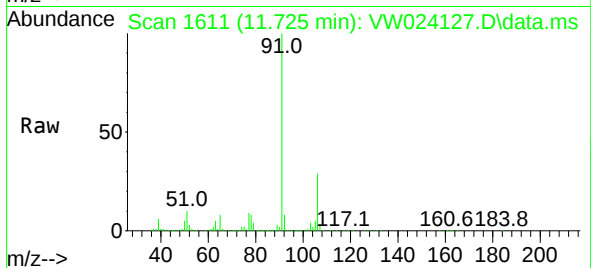




#52
Ethylbenzene
Concen: 26.861 ug/L
RT: 11.725 min Scan# 1611
Delta R.T. 0.000 min
Lab File: VW024127.D
Acq: 29 Jul 2022 10:45

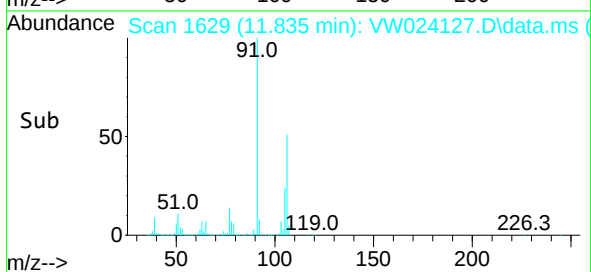
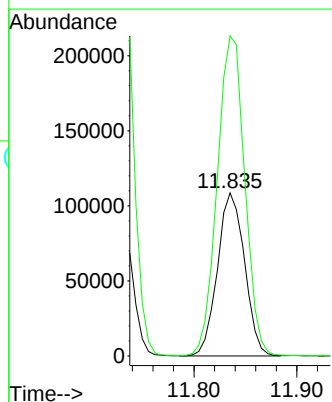
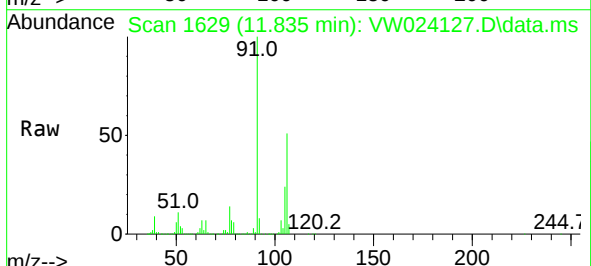
Instrument :
MSVOA_W
ClientSampleId :

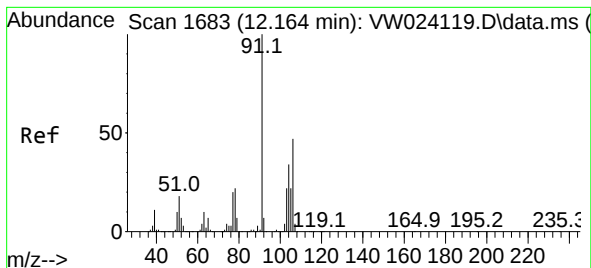
Tgt Ion: 91 Resp: 502798
Ion Ratio Lower Upper
91 100
106 28.7 21.0 39.0



#53
m,p-Xylene
Concen: 27.311 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VW024127.D
Acq: 29 Jul 2022 10:45

Tgt Ion:106 Resp: 198429
Ion Ratio Lower Upper
106 100
91 196.3 142.9 265.3

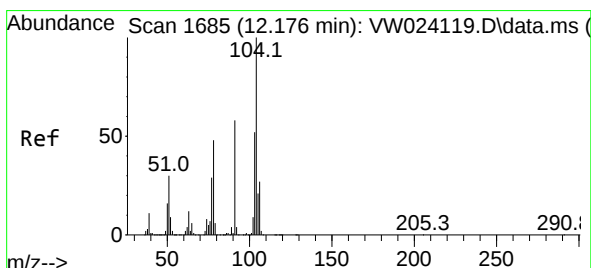
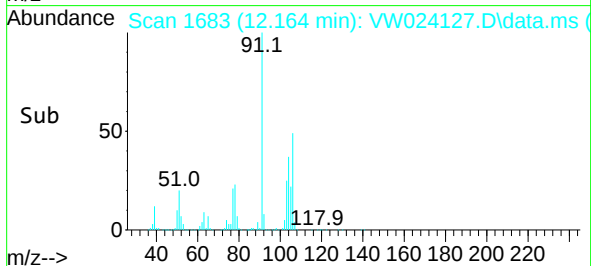
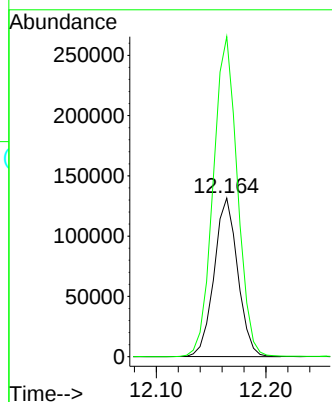
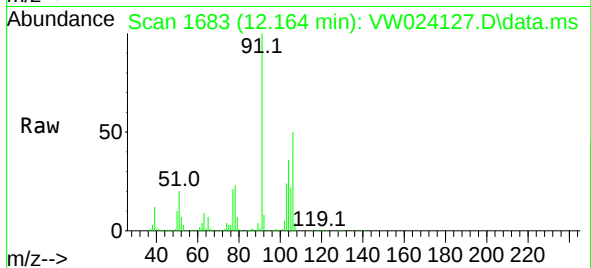




#54
o-Xylene
Concen: 28.220 ug/L
RT: 12.164 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW024127.D
Acq: 29 Jul 2022 10:45

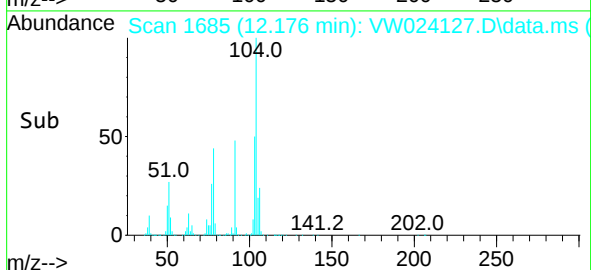
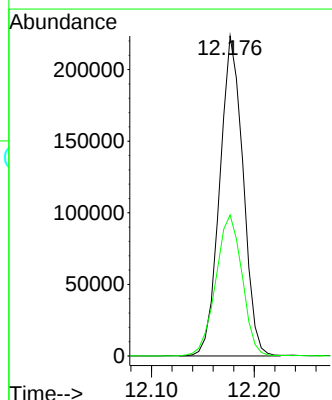
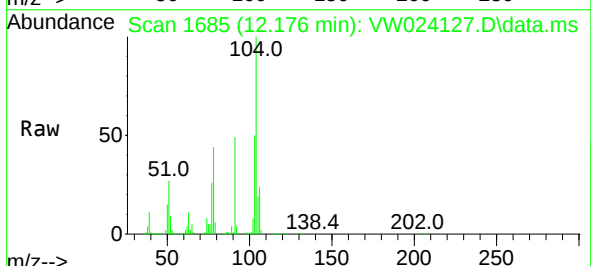
Instrument :
MSVOA_W
ClientSampleId :

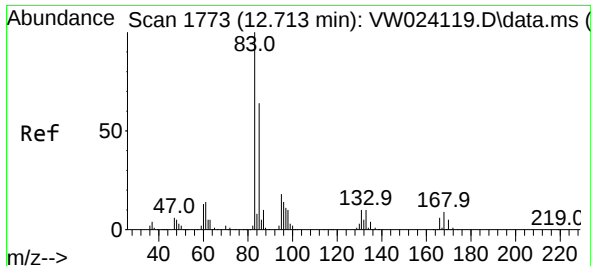
Tgt Ion:106 Resp: 196072
Ion Ratio Lower Upper
106 100
91 201.8 150.6 279.6



#55
Styrene
Concen: 28.251 ug/L
RT: 12.176 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VW024127.D
Acq: 29 Jul 2022 10:45

Tgt Ion:104 Resp: 351653
Ion Ratio Lower Upper
104 100
78 44.1 30.3 56.3





#57

1,1,2,2-Tetrachloroethane

Concen: 25.805 ug/L

RT: 12.713 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW024127.D

Acq: 29 Jul 2022 10:45

Instrument :

MSVOA_W

ClientSampleId :

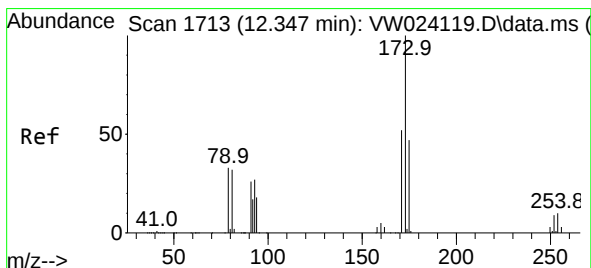
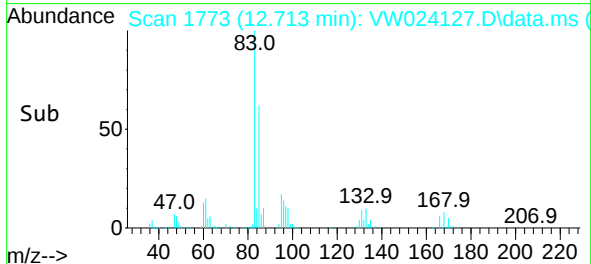
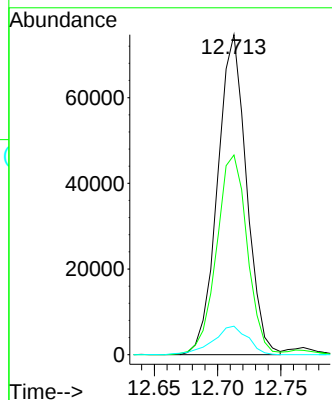
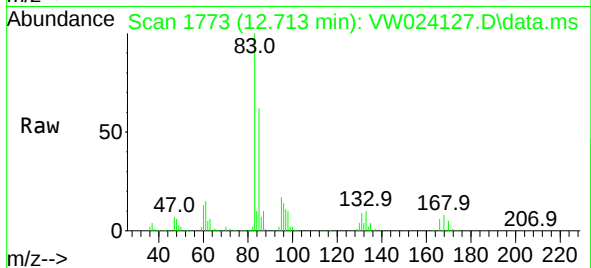
Tgt Ion: 83 Resp: 118612

Ion Ratio Lower Upper

83 100

85 62.4 44.4 82.5

131 8.9 7.5 11.3



#59

Bromoform

Concen: 25.354 ug/L

RT: 12.347 min Scan# 1713

Delta R.T. 0.000 min

Lab File: VW024127.D

Acq: 29 Jul 2022 10:45

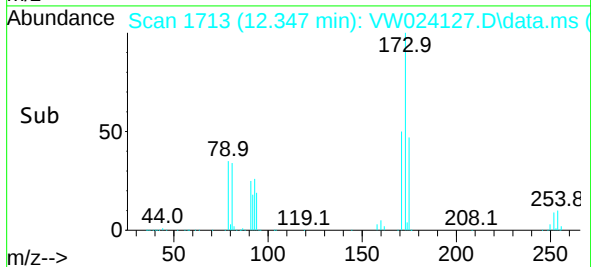
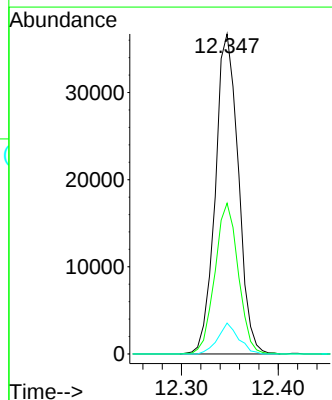
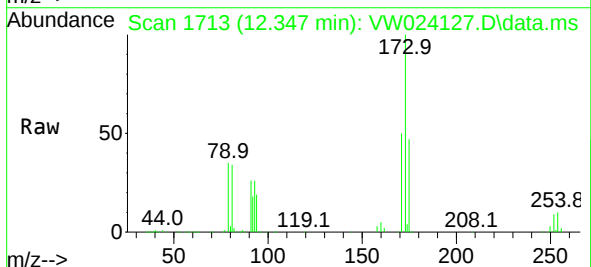
Tgt Ion:173 Resp: 60715

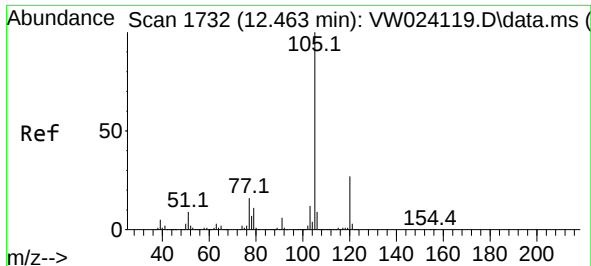
Ion Ratio Lower Upper

173 100

175 47.7 38.4 57.6

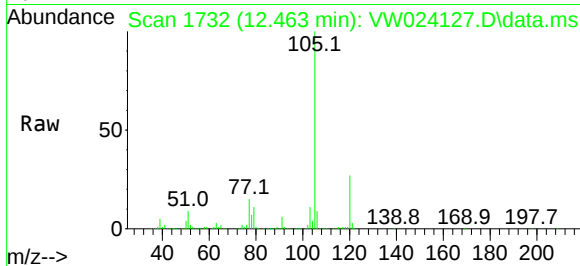
254 8.7 7.0 10.4



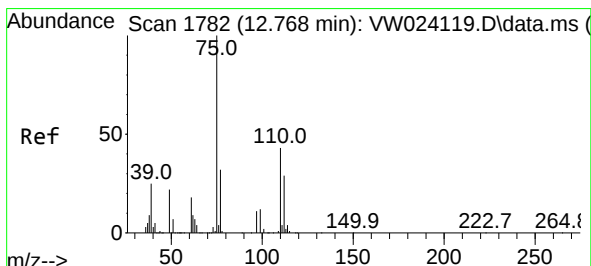
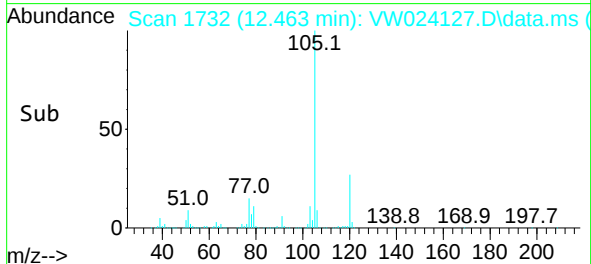
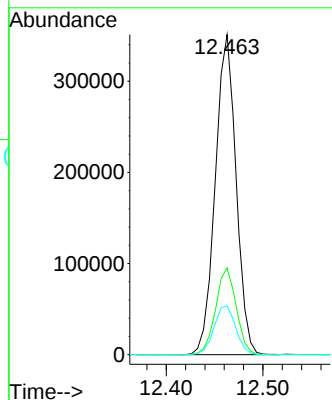


#60
Isopropylbenzene
Concen: 26.713 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW024127.D
Acq: 29 Jul 2022 10:45

Instrument :
MSVOA_W
ClientSampleId :

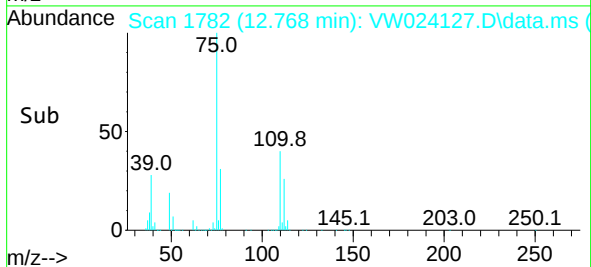
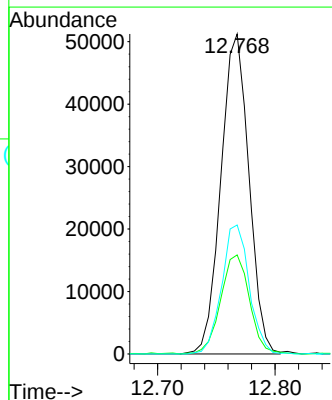
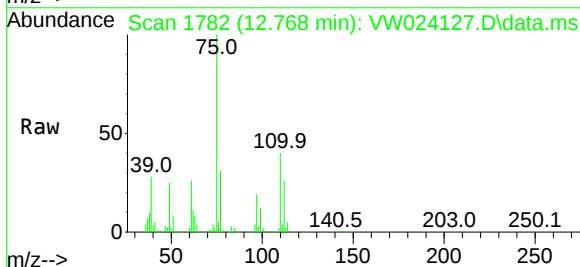


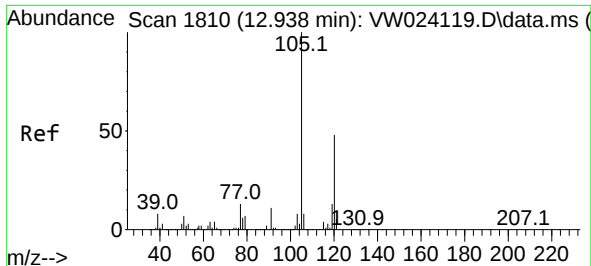
Tgt Ion:105 Resp: 524183
Ion Ratio Lower Upper
105 100
120 26.8 21.1 31.7
77 16.0 12.8 19.2



#61
1,2,3-Trichloropropane
Concen: 24.361 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. 0.000 min
Lab File: VW024127.D
Acq: 29 Jul 2022 10:45

Tgt Ion: 75 Resp: 84829
Ion Ratio Lower Upper
75 100
77 32.0 26.1 39.1
110 39.6 33.0 49.4

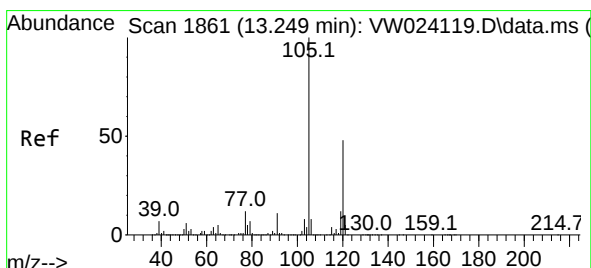
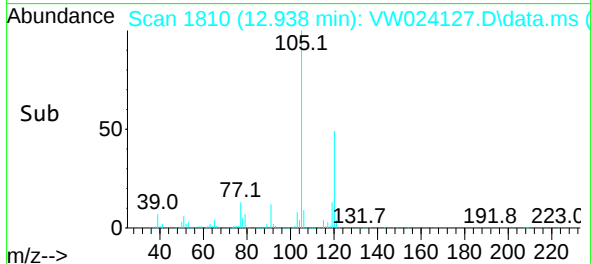
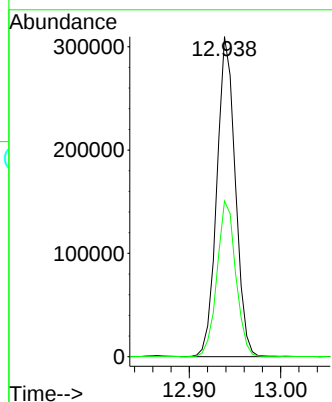
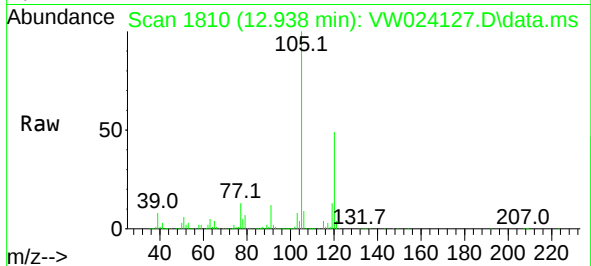




#62
1,3,5-Trimethylbenzene
Concen: 27.549 ug/L
RT: 12.938 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VW024127.D
Acq: 29 Jul 2022 10:45

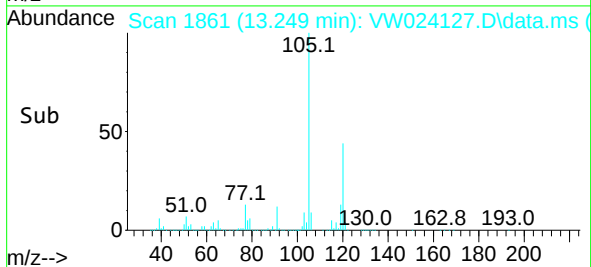
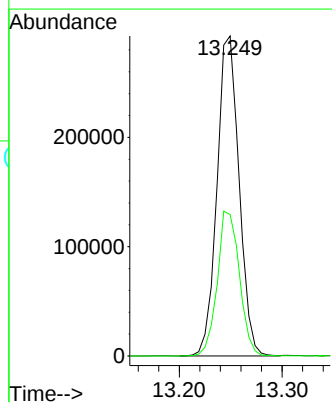
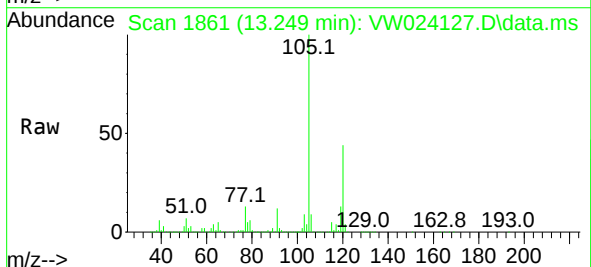
Instrument :
MSVOA_W
ClientSampleId :

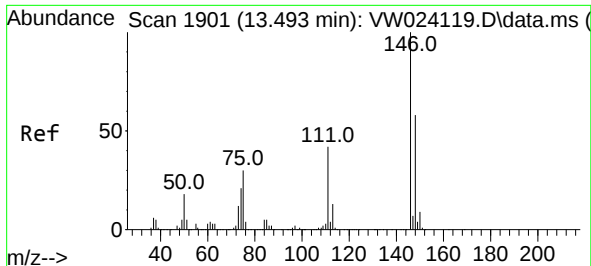
Tgt Ion:105 Resp: 434917
Ion Ratio Lower Upper
105 100
120 49.3 38.1 57.1



#63
1,2,4-Trimethylbenzene
Concen: 27.284 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. 0.000 min
Lab File: VW024127.D
Acq: 29 Jul 2022 10:45

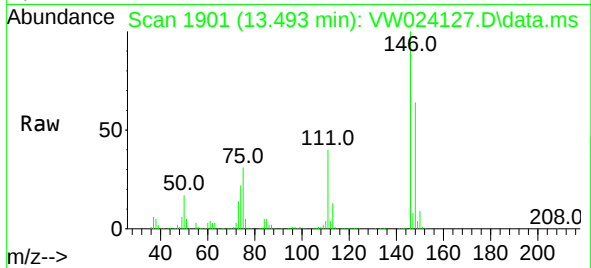
Tgt Ion:105 Resp: 435967
Ion Ratio Lower Upper
105 100
120 45.4 36.1 54.1



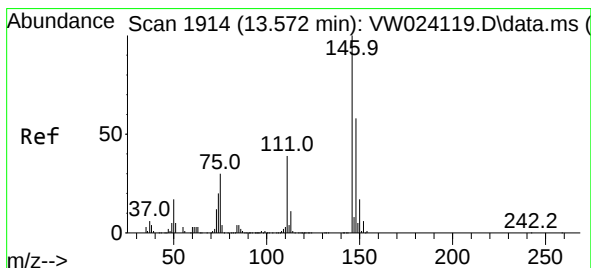
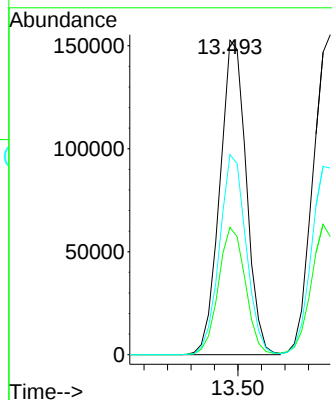
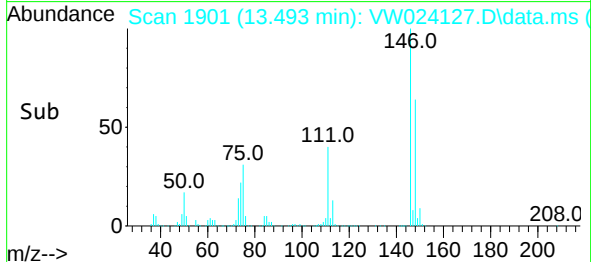


#64
1,3-Dichlorobenzene
Concen: 25.494 ug/L
RT: 13.493 min Scan# 1901
Delta R.T. 0.000 min
Lab File: VW024127.D
Acq: 29 Jul 2022 10:45

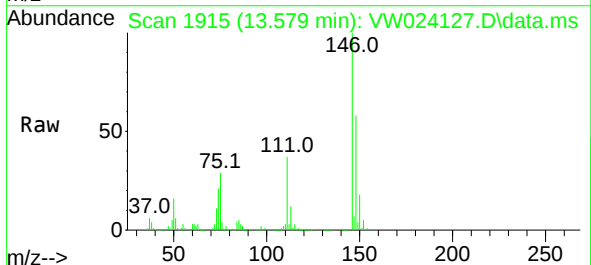
Instrument :
MSVOA_W
ClientSampleId :



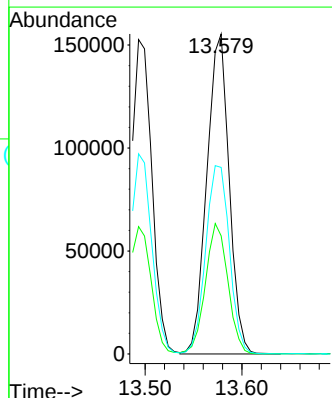
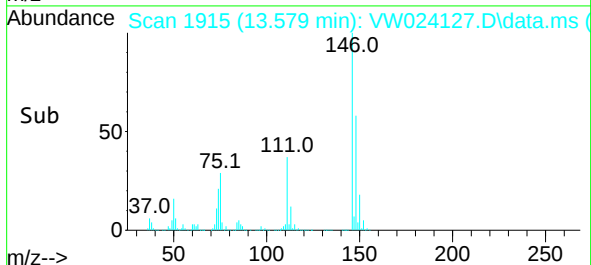
Tgt Ion:146 Resp: 239271
Ion Ratio Lower Upper
146 100
111 40.5 26.4 49.0
148 63.7 41.4 77.0

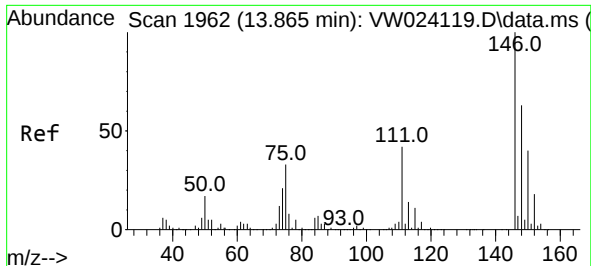


#65
1,4-Dichlorobenzene
Concen: 25.074 ug/L
RT: 13.579 min Scan# 1915
Delta R.T. 0.006 min
Lab File: VW024127.D
Acq: 29 Jul 2022 10:45



Tgt Ion:146 Resp: 249811
Ion Ratio Lower Upper
146 100
111 36.9 27.9 51.9
148 58.3 43.2 80.2





#67

1,2-Dichlorobenzene

Concen: 25.431 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. 0.000 min

Lab File: VW024127.D

Acq: 29 Jul 2022 10:45

Instrument :

MSVOA_W

ClientSampleId :

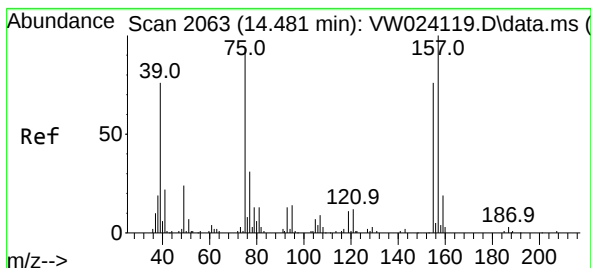
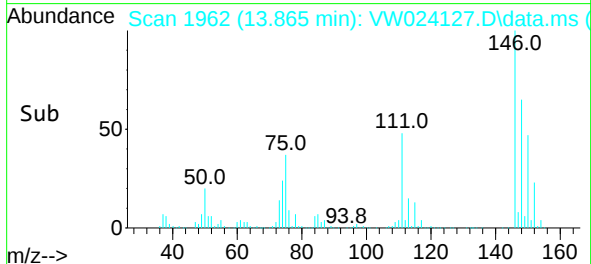
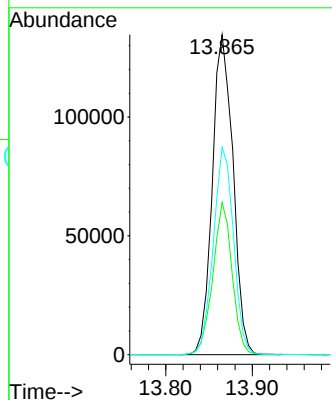
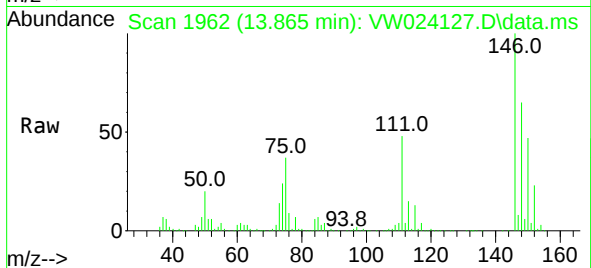
Tgt Ion:146 Resp: 223257

Ion Ratio Lower Upper

146 100

111 47.5 33.9 50.9

148 64.8 53.0 79.6



#68

1,2-Dibromo-3-chloropropane

Concen: 24.616 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. 0.000 min

Lab File: VW024127.D

Acq: 29 Jul 2022 10:45

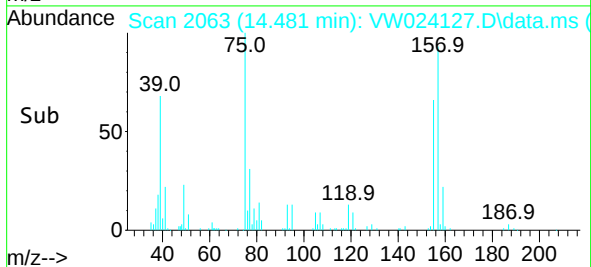
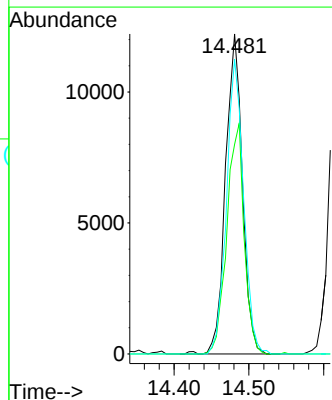
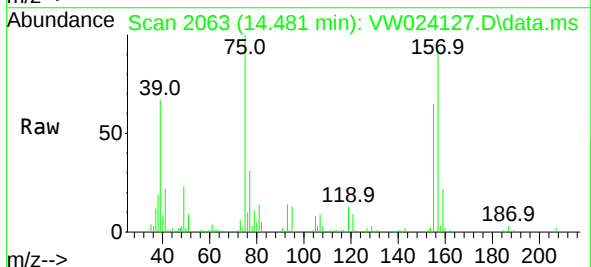
Tgt Ion: 75 Resp: 19153

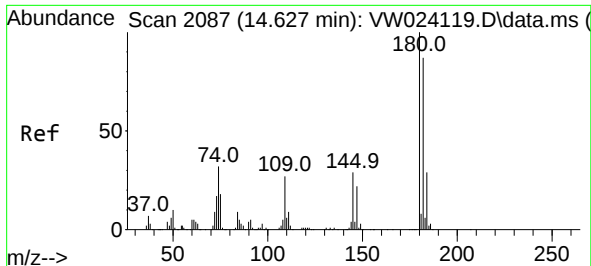
Ion Ratio Lower Upper

75 100

155 65.5 58.6 88.0

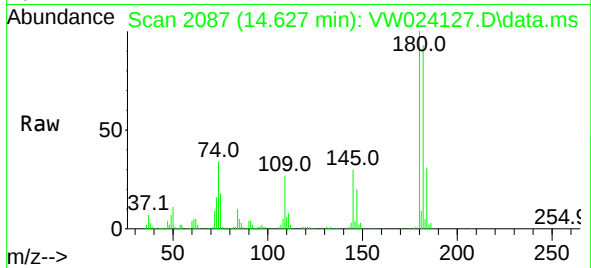
157 92.1 64.0 96.0



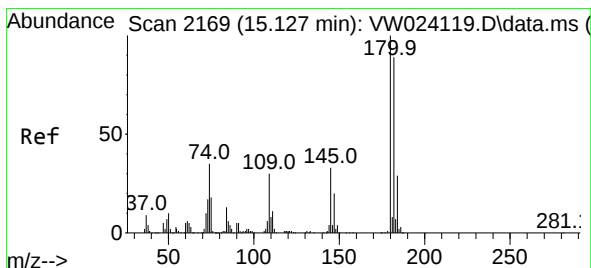
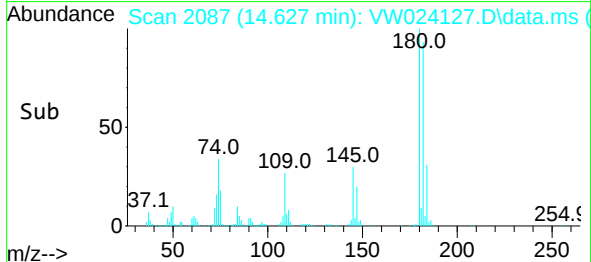
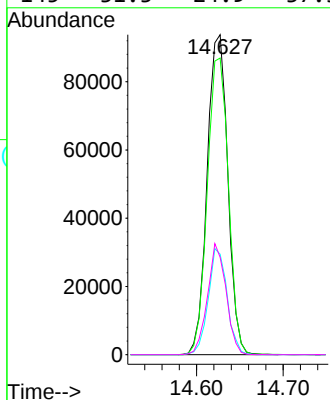


#69
1,3,5-Trichlorobenzene
Concen: 25.907 ug/L
RT: 14.627 min Scan# 2087
Delta R.T. 0.000 min
Lab File: VW024127.D
Acq: 29 Jul 2022 10:45

Instrument :
MSVOA_W
ClientSampleId :

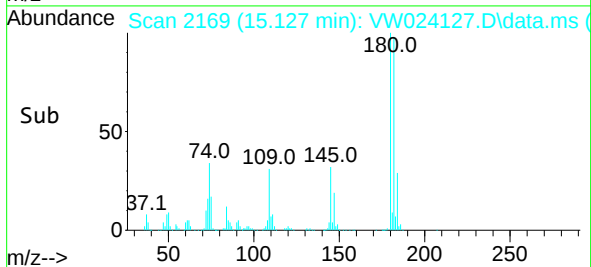
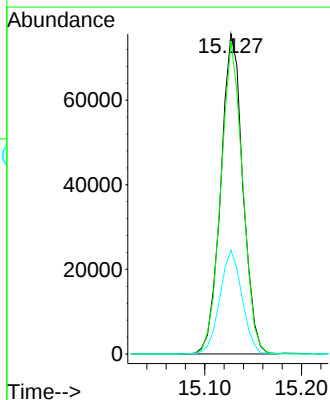
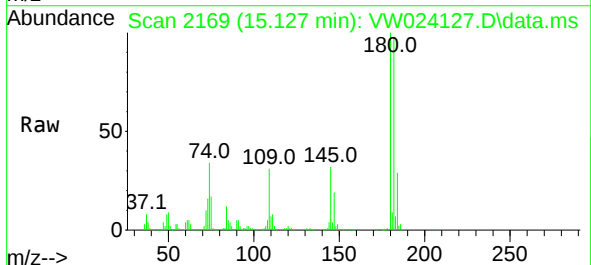


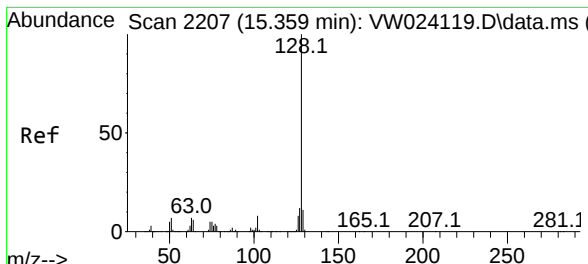
Tgt Ion:	180	Resp:	155053
Ion Ratio	Lower	Upper	
180	100		
182	94.9	73.9	110.9
184	30.5	23.5	35.3
145	31.3	24.9	37.3



#70
1,2,4-trichlorobenzene
Concen: 26.351 ug/L
RT: 15.127 min Scan# 2169
Delta R.T. 0.000 min
Lab File: VW024127.D
Acq: 29 Jul 2022 10:45

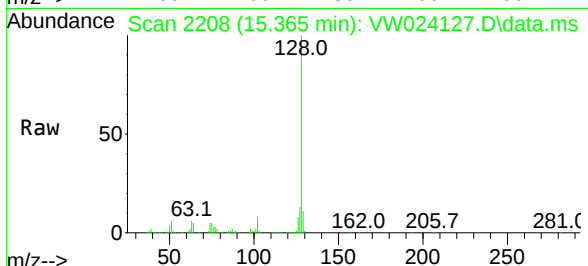
Tgt Ion:	180	Resp:	119499
Ion Ratio	Lower	Upper	
180	100		
182	96.5	72.0	108.0
145	32.5	24.9	37.3



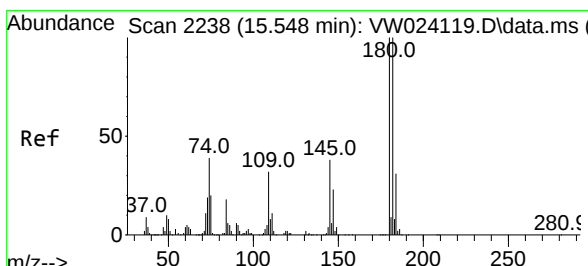
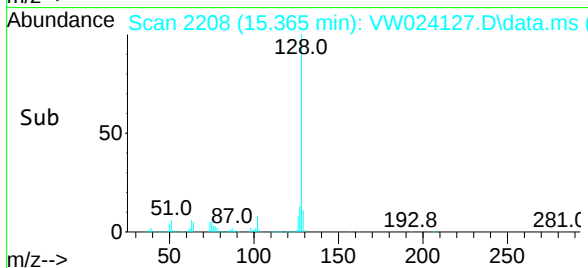
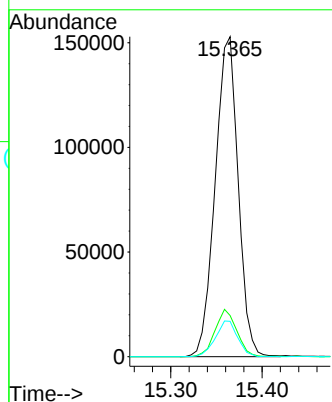


#71
Naphthalene
Concen: 27.527 ug/L
RT: 15.365 min Scan# 2116
Delta R.T. 0.006 min
Lab File: VW024127.D
Acq: 29 Jul 2022 10:45

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion:	128	Resp:	267116
Ion Ratio	Lower	Upper	
128	100		
127	14.0	11.0	16.4
129	10.8	9.3	13.9



#72
1,2,3-Trichlorobenzene
Concen: 27.640 ug/L
RT: 15.548 min Scan# 2238
Delta R.T. 0.000 min
Lab File: VW024127.D
Acq: 29 Jul 2022 10:45

Tgt Ion:	180	Resp:	117905
Ion Ratio	Lower	Upper	
180	100		
182	90.6	77.8	116.8
145	32.0	27.6	41.4

