

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071522\
 Data File : VW023745.D
 Acq On : 15 Jul 2022 15:01
 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 15 22:10:46 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM071322SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Jul 15 06:03:21 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	182285	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.627	117	186537	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	105981	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.342	65	133479	28.670	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	114.680%
7) Chloroethane-d5	2.873	69	89799	28.912	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	115.640%
11) 1,1-Dichloroethene-d2	4.013	63	74329	19.606	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	78.440%
21) 2-Butanone-d5	7.079	46	29405	40.719	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	81.440%
24) Chloroform-d	7.646	84	116557	21.962	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	87.840%
26) 1,2-Dichloroethane-d4	8.305	65	75730	23.331	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	93.320%
32) Benzene-d6	8.268	84	226266	23.334	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	93.320%
36) 1,2-Dichloropropane-d6	9.268	67	67296	23.040	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	92.160%
41) Toluene-d8	10.323	98	232831	23.672	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	94.680%
43) trans-1,3-Dichloroprop...	10.573	79	32533	23.762	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	95.040%
47) 2-Hexanone-d5	10.920	63	29685	48.332	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	96.660%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	77054	23.871	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	95.480%
66) 1,2-Dichlorobenzene-d4	13.846	152	88145	23.298	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	93.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.001	85	21195	17.110	ug/L	94
3) Chloromethane	2.214	50	68967	22.735	ug/L	98
5) Vinyl chloride	2.355	62	135387	25.991	ug/L	98
6) Bromomethane	2.769	94	82382	24.450	ug/L	97
8) Chloroethane	2.909	64	62831	25.782	ug/L	97
9) Trichlorofluoromethane	3.245	101	55612	23.486	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.043	101	46174	19.926	ug/L	96
12) 1,1-Dichloroethene	4.037	96	37433	19.372	ug/L	81
13) Acetone	4.116	43	19262	37.727	ug/L	92
14) Carbon disulfide	4.379	76	101135	17.793	ug/L	99
15) Methyl Acetate	4.671	43	23241	20.339	ug/L	93
16) Methylene chloride	4.909	84	52445	18.399	ug/L	96
17) trans-1,2-Dichloroethene	5.415	96	45432	19.379	ug/L	94
18) Methyl tert-butyl Ether	5.427	73	71091	19.600	ug/L	98
19) 1,1-Dichloroethane	6.208	63	87449	20.221	ug/L	98
20) cis-1,2-Dichloroethene	7.165	96	53620	20.644	ug/L #	91
22) 2-Butanone	7.165	43	34539	41.164	ug/L	97
23) Bromochloromethane	7.512	128	26860	21.527	ug/L	98
25) Chloroform	7.671	83	105154	21.106	ug/L	95

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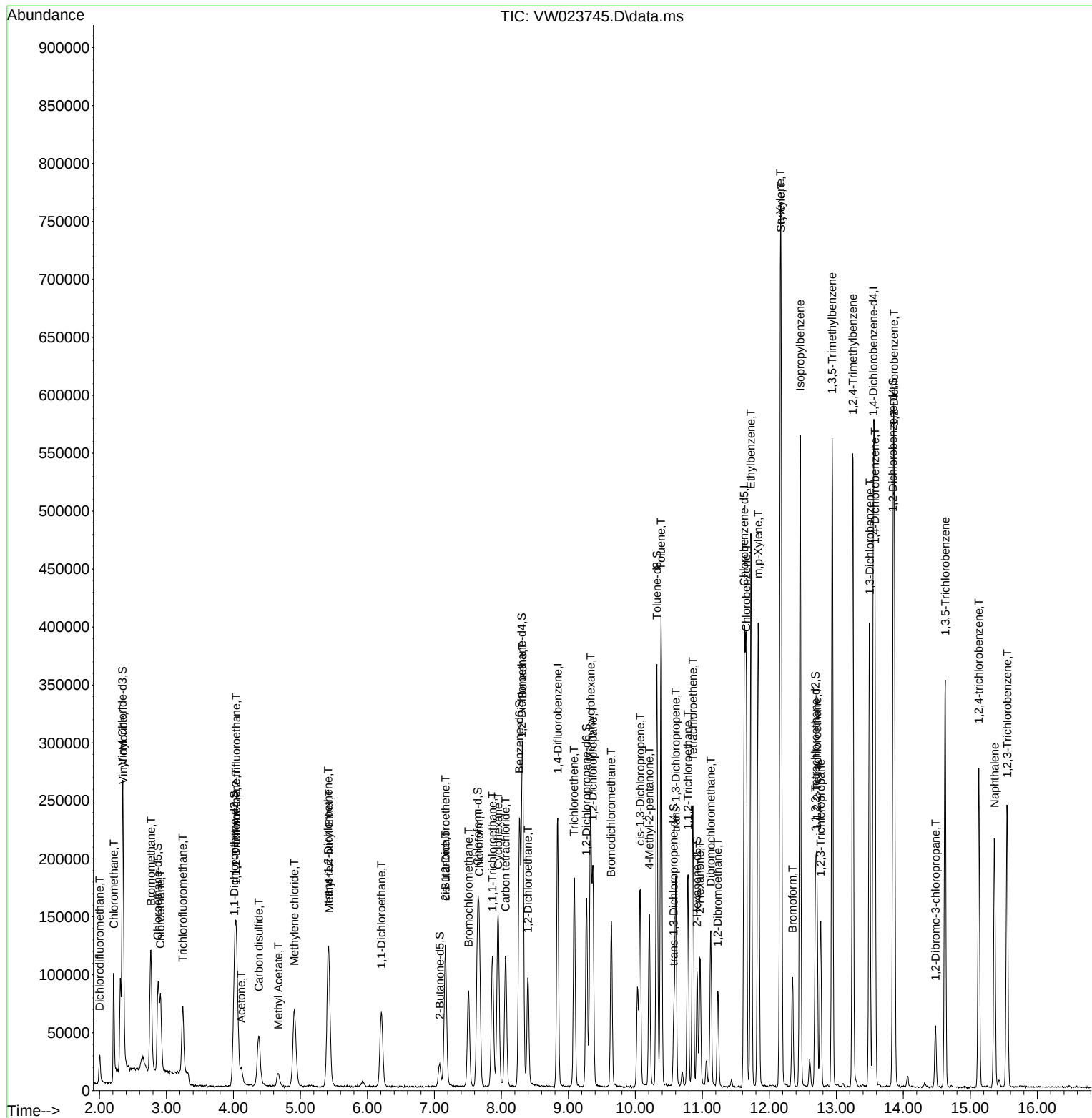
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.396	62	80806	22.038	ug/L	97
29) Cyclohexane	7.951	56	68678	20.131	ug/L	99
30) 1,1,1-Trichloroethane	7.866	97	83249	20.612	ug/L	97
31) Carbon tetrachloride	8.061	117	76622	21.045	ug/L	100
33) Benzene	8.317	78	231541	21.843	ug/L	100
34) Trichloroethene	9.085	95	56868	20.316	ug/L	91
35) Methylcyclohexane	9.335	83	89513	21.000	ug/L	97
37) 1,2-Dichloropropane	9.366	63	60413	22.732	ug/L	100
38) Bromodichloromethane	9.640	83	85718	23.110	ug/L #	95
39) cis-1,3-Dichloropropene	10.073	75	89113	22.247	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	91143	49.285	ug/L	98
42) Toluene	10.384	91	280143	23.173	ug/L	99
44) trans-1,3-Dichloropropene	10.603	75	87871	23.080	ug/L	100
45) 1,1,2-Trichloroethane	10.786	97	52548	22.613	ug/L	97
46) Tetrachloroethene	10.859	164	47226	21.819	ug/L	93
48) 2-Hexanone	10.963	43	68203	50.654	ug/L	99
49) Dibromochloromethane	11.127	129	61097	22.672	ug/L	99
50) 1,2-Dibromoethane	11.231	107	49559	22.199	ug/L #	91
51) Chlorobenzene	11.658	112	178790	21.928	ug/L	97
52) Ethylbenzene	11.725	91	316073	23.008	ug/L	95
53) m,p-Xylene	11.835	106	119744	22.341	ug/L	97
54) o-Xylene	12.164	106	117744	22.874	ug/L	90
55) Styrene	12.176	104	227540	25.022	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.712	83	74735	23.578	ug/L	95
59) Bromoform	12.347	173	35910	22.979	ug/L #	97
60) Isopropylbenzene	12.463	105	326725	22.950	ug/L	98
61) 1,2,3-Trichloropropane	12.767	75	52634	22.649	ug/L	97
62) 1,3,5-Trimethylbenzene	12.938	105	271989	23.336	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	277383	23.803	ug/L	99
64) 1,3-Dichlorobenzene	13.499	146	146569	22.675	ug/L	94
65) 1,4-Dichlorobenzene	13.578	146	154826	22.514	ug/L	94
67) 1,2-Dichlorobenzene	13.865	146	144024	23.626	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.480	75	12050	22.482	ug/L #	88
69) 1,3,5-Trichlorobenzene	14.627	180	91192	21.315	ug/L	91
70) 1,2,4-trichlorobenzene	15.127	180	72369	21.906	ug/L	98
71) Naphthalene	15.364	128	170751	24.095	ug/L	99
72) 1,2,3-Trichlorobenzene	15.553	180	76137	24.726	ug/L	93

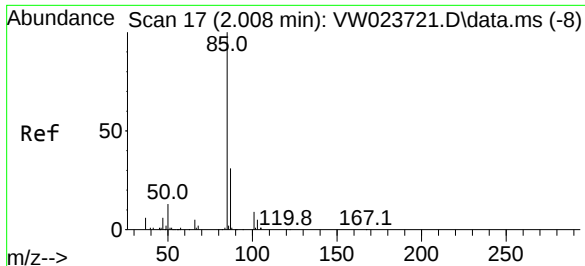
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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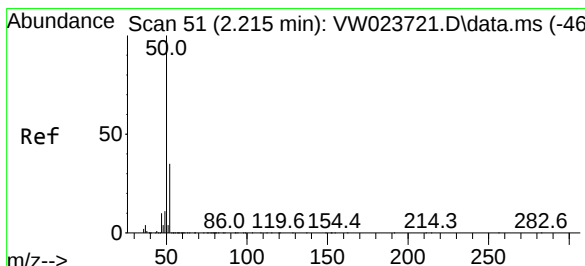
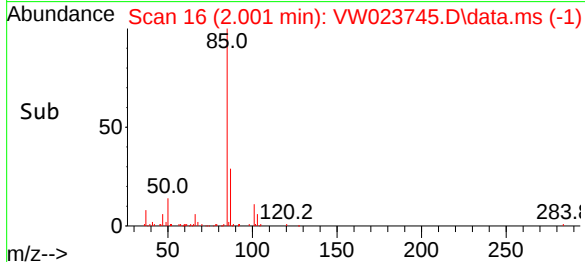
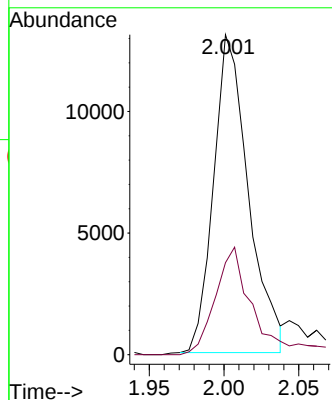
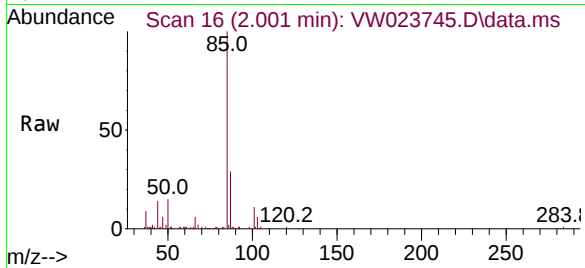




#2
Dichlorodifluoromethane
Concen: 17.110 ug/L
RT: 2.001 min Scan# 1
Delta R.T. -0.007 min
Lab File: VW023745.D
Acq: 15 Jul 2022 15:01

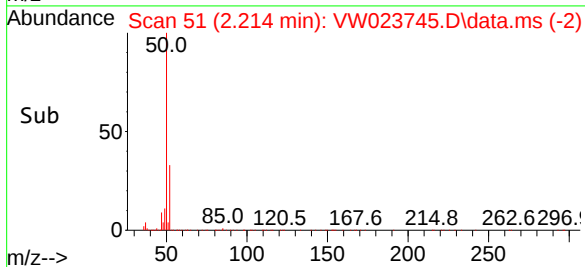
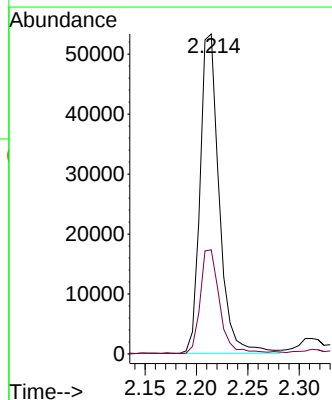
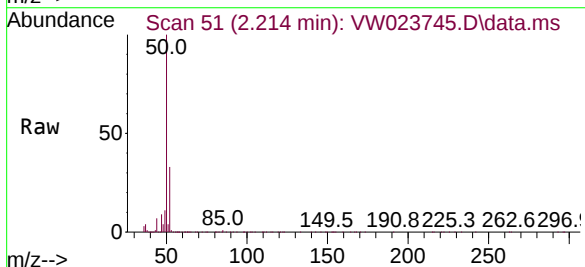
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MSVOA_W
ClientSampleId :

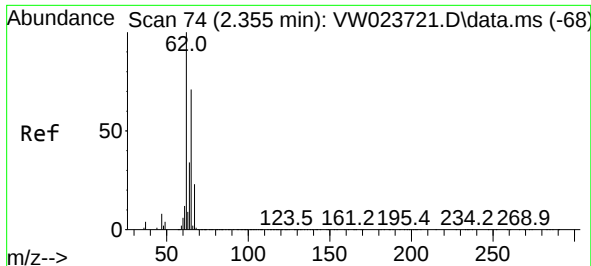
Tgt Ion: 85 Resp: 21195
Ion Ratio Lower Upper
85 100
87 34.1 24.7 37.1



#3
Chloromethane
Concen: 22.735 ug/L
RT: 2.214 min Scan# 51
Delta R.T. -0.001 min
Lab File: VW023745.D
Acq: 15 Jul 2022 15:01

Tgt Ion: 50 Resp: 68967
Ion Ratio Lower Upper
50 100
52 32.6 23.7 44.1

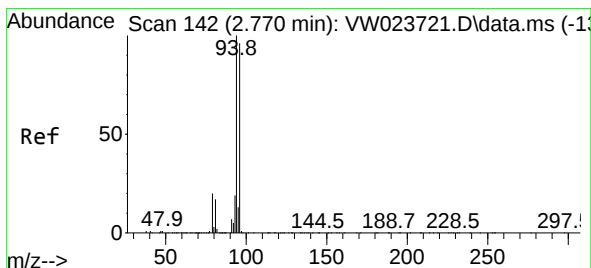
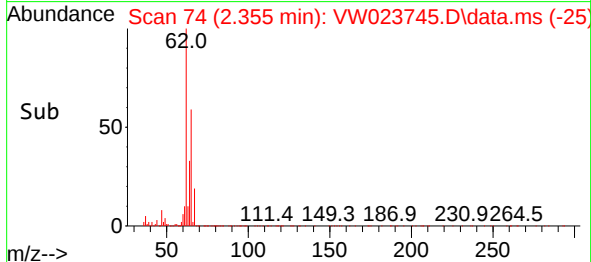
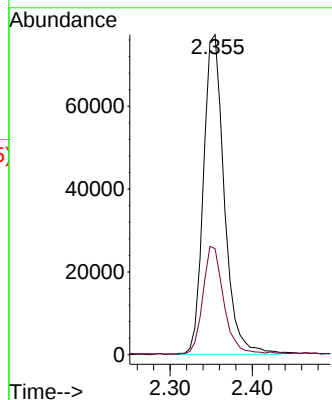
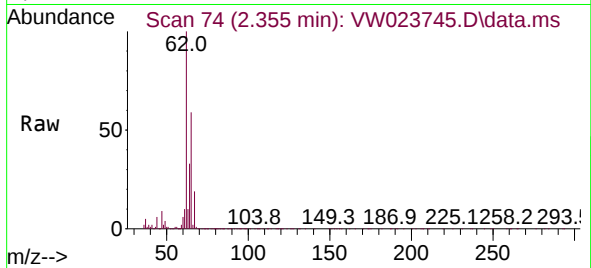




#5
 Vinyl chloride
 Concen: 25.991 ug/L
 RT: 2.355 min Scan# 74
 Delta R.T. -0.001 min
 Lab File: VW023745.D
 Acq: 15 Jul 2022 15:01

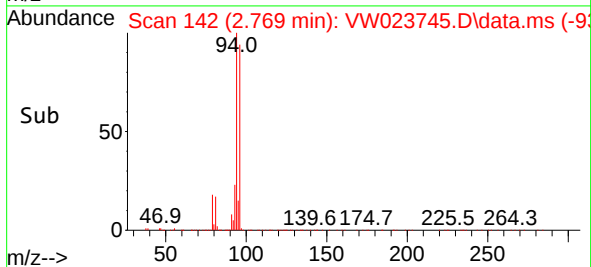
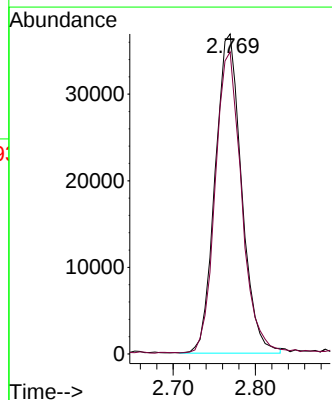
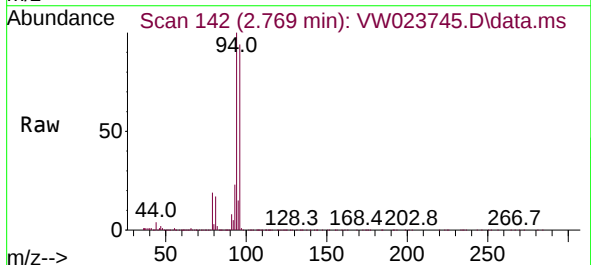
Instrument :
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 ClientSampleId :

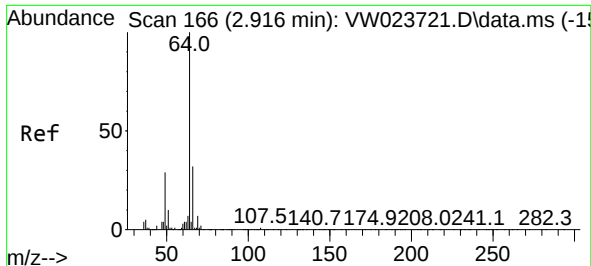
Tgt Ion: 62 Resp: 135387
 Ion Ratio Lower Upper
 62 100
 64 33.2 24.0 44.6



#6
 Bromomethane
 Concen: 24.450 ug/L
 RT: 2.769 min Scan# 142
 Delta R.T. -0.001 min
 Lab File: VW023745.D
 Acq: 15 Jul 2022 15:01

Tgt Ion: 94 Resp: 82382
 Ion Ratio Lower Upper
 94 100
 96 94.4 68.2 126.6

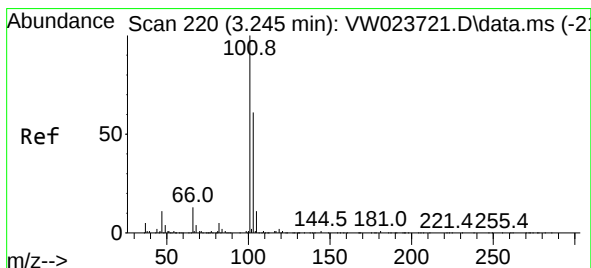
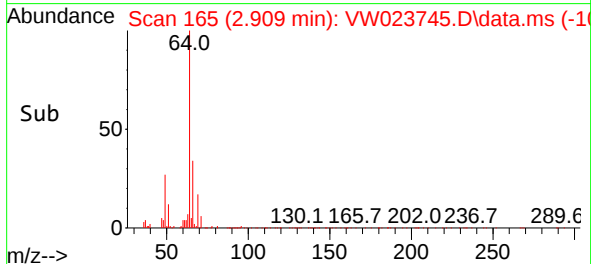
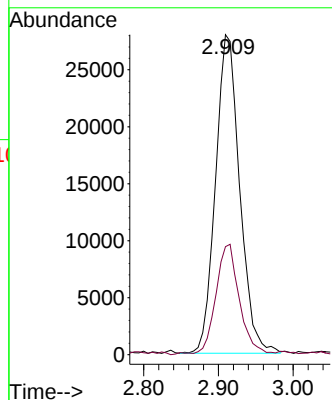
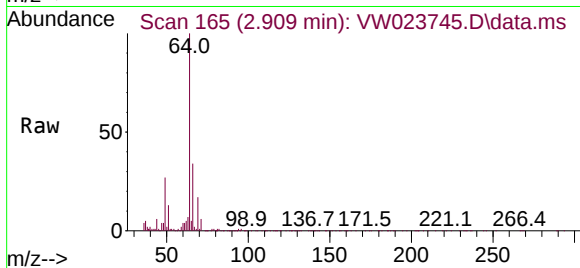




#8
Chloroethane
Concen: 25.782 ug/L
RT: 2.909 min Scan# 1
Delta R.T. -0.007 min
Lab File: VW023745.D
Acq: 15 Jul 2022 15:01

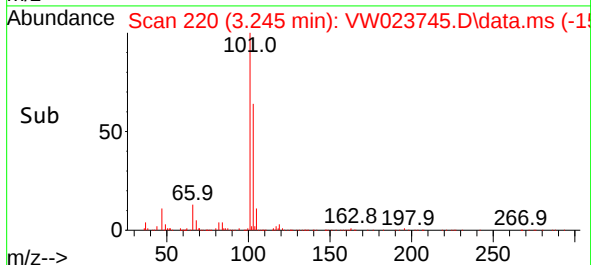
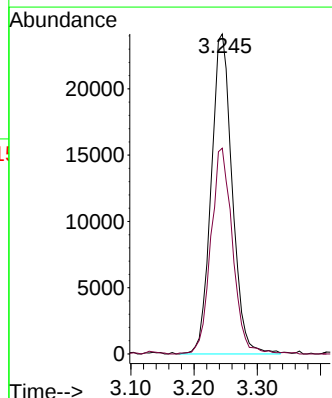
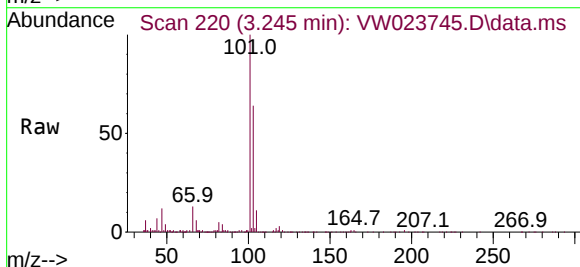
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MSVOA_W
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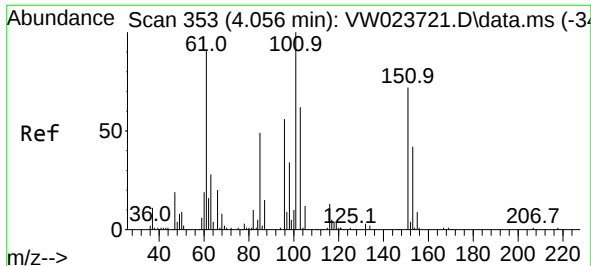
Tgt Ion: 64 Resp: 62831
Ion Ratio Lower Upper
64 100
66 33.8 22.4 41.6



#9
Trichlorofluoromethane
Concen: 23.486 ug/L
RT: 3.245 min Scan# 220
Delta R.T. -0.001 min
Lab File: VW023745.D
Acq: 15 Jul 2022 15:01

Tgt Ion: 101 Resp: 55612
Ion Ratio Lower Upper
101 100
103 65.4 52.1 78.1





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 19.926 ug/L

RT: 4.043 min Scan# 351

Delta R.T. -0.013 min

Lab File: VW023745.D

Acq: 15 Jul 2022 15:01

Instrument :

MSVOA_W

ClientSampleId :

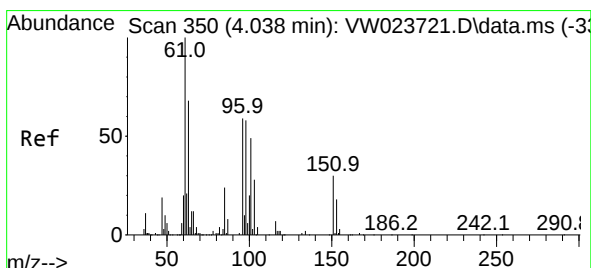
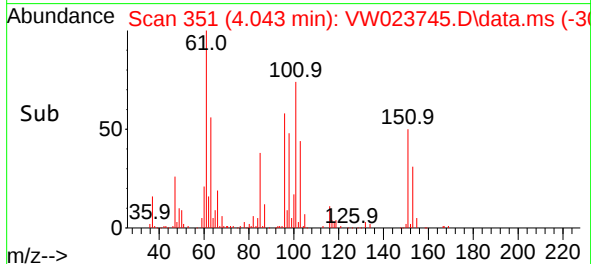
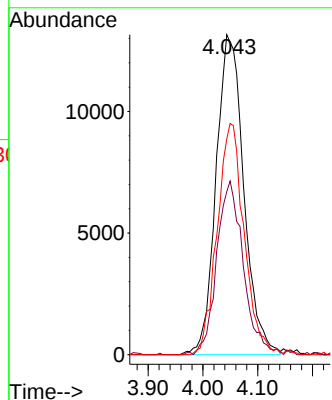
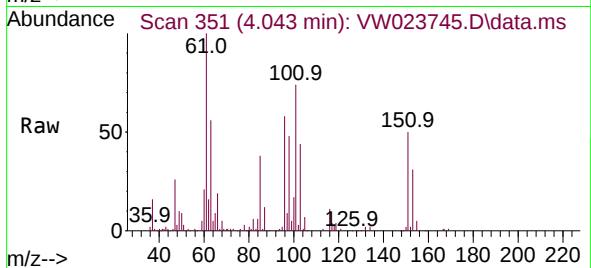
Tgt Ion:101 Resp: 46174

Ion Ratio Lower Upper

101 100

85 51.5 37.6 56.4

151 69.8 57.6 86.4



#12

1,1-Dichloroethene

Concen: 19.372 ug/L

RT: 4.037 min Scan# 350

Delta R.T. -0.001 min

Lab File: VW023745.D

Acq: 15 Jul 2022 15:01

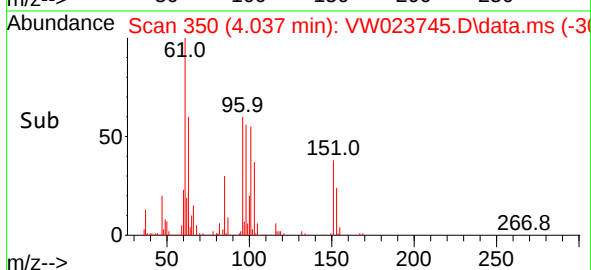
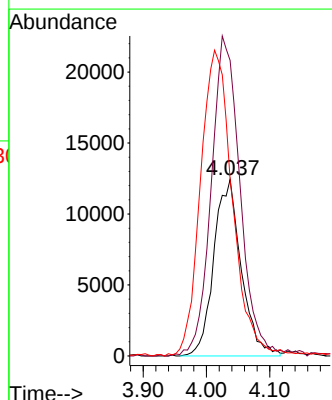
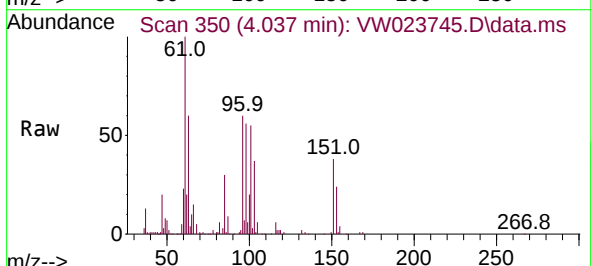
Tgt Ion: 96 Resp: 37433

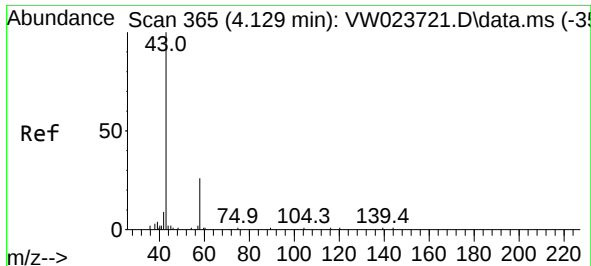
Ion Ratio Lower Upper

96 100

61 167.5 125.4 232.8

63 99.9 97.4 180.8

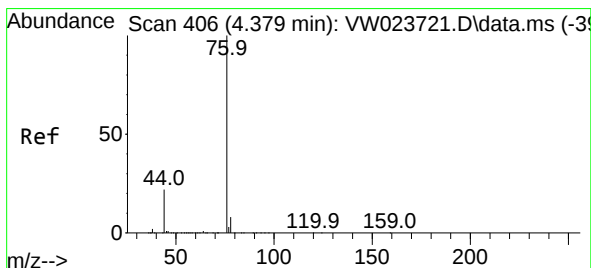
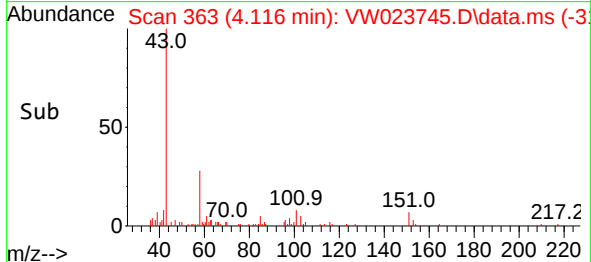
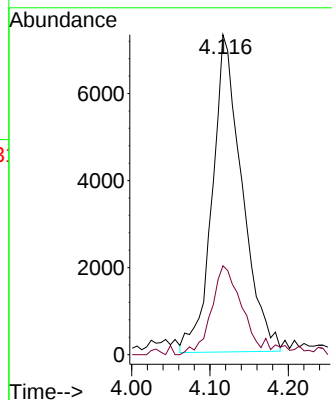
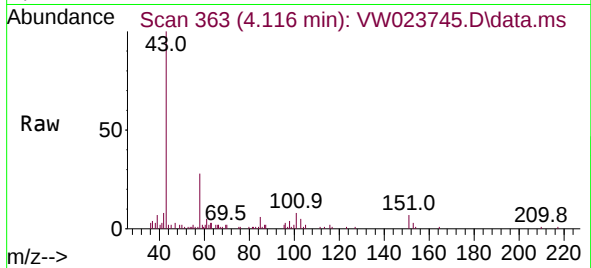




#13
Acetone
Concen: 37.727 ug/L
RT: 4.116 min Scan# 30
Delta R.T. -0.013 min
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Acq: 15 Jul 2022 15:01

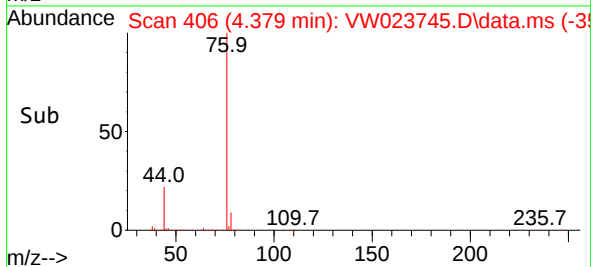
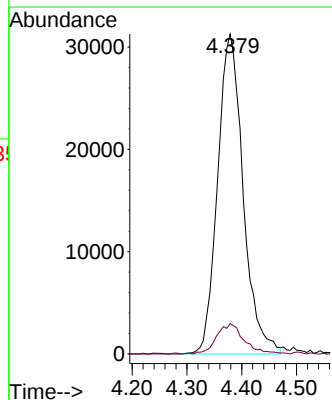
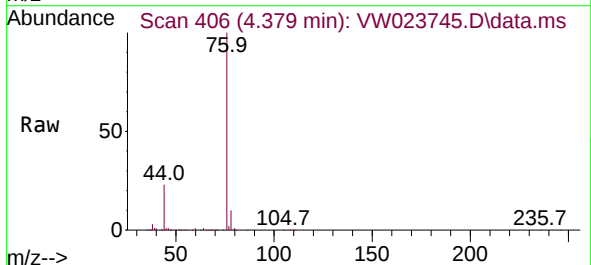
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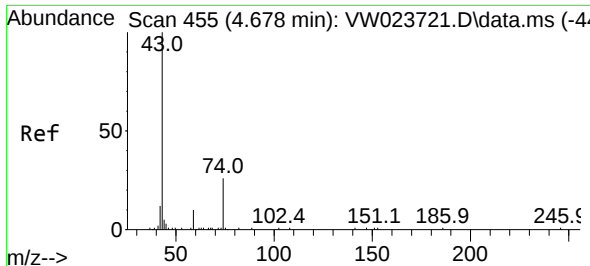
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Ion Ratio Lower Upper
43 100
58 27.9 0.0 64.2



#14
Carbon disulfide
Concen: 17.793 ug/L
RT: 4.379 min Scan# 406
Delta R.T. -0.001 min
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Acq: 15 Jul 2022 15:01

Tgt Ion: 76 Resp: 101135
Ion Ratio Lower Upper
76 100
78 9.5 7.2 10.8

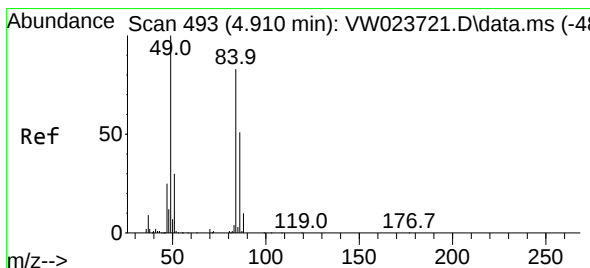
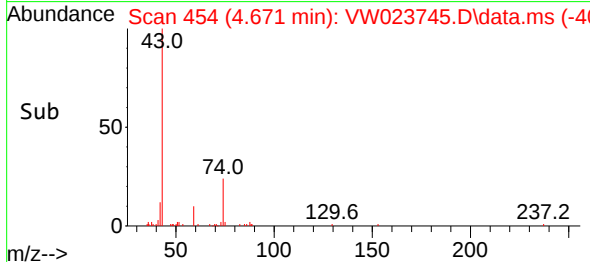
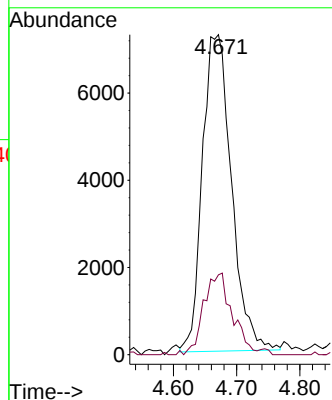
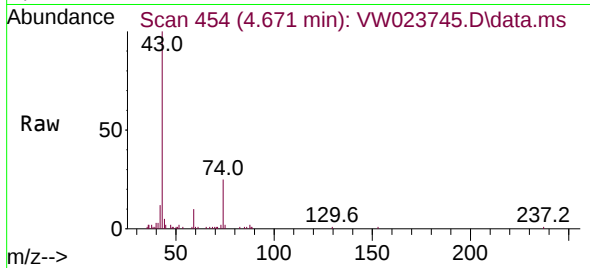




#15
Methyl Acetate
Concen: 20.339 ug/L
RT: 4.671 min Scan# 41
Delta R.T. -0.007 min
Lab File: VW023745.D
Acq: 15 Jul 2022 15:01

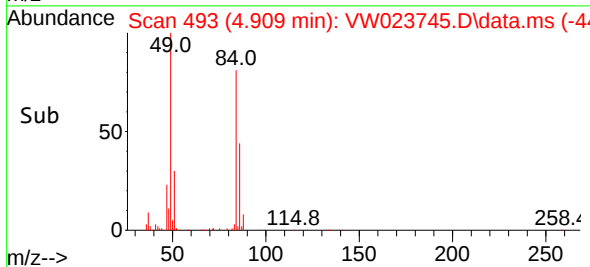
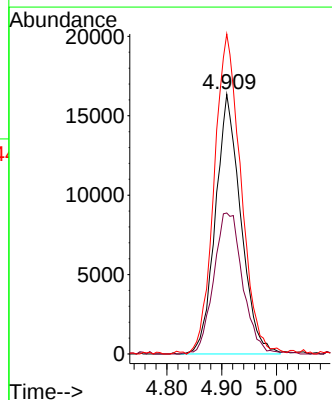
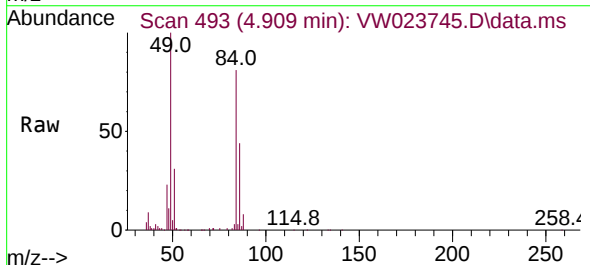
Instrument :
MSVOA_W
ClientSampleId :

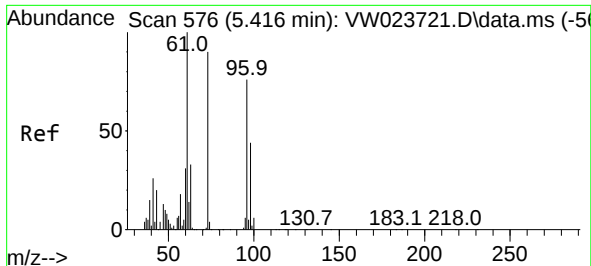
Tgt Ion: 43 Resp: 23241
Ion Ratio Lower Upper
43 100
74 21.7 20.0 30.0



#16
Methylene chloride
Concen: 18.399 ug/L
RT: 4.909 min Scan# 493
Delta R.T. -0.001 min
Lab File: VW023745.D
Acq: 15 Jul 2022 15:01

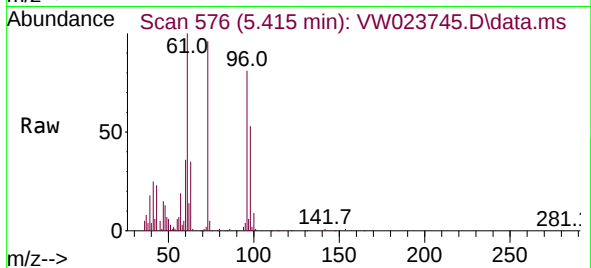
Tgt Ion: 84 Resp: 52445
Ion Ratio Lower Upper
84 100
86 54.3 42.8 79.6
49 123.2 85.4 158.6





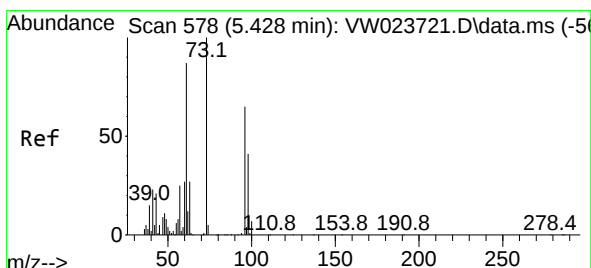
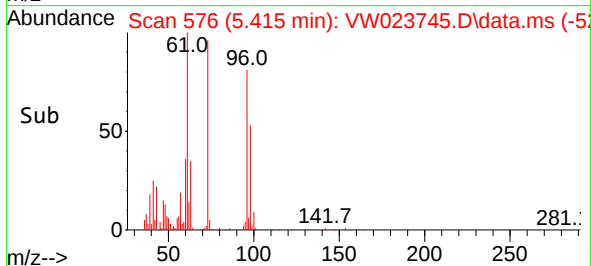
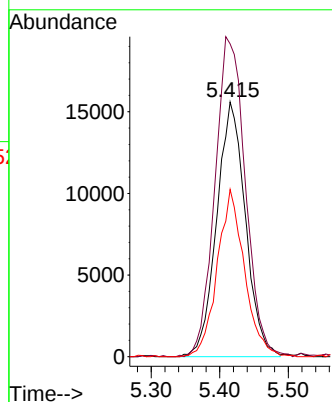
#17
trans-1,2-Dichloroethene
Concen: 19.379 ug/L
RT: 5.415 min Scan# 576
Delta R.T. -0.001 min
Lab File: VW023745.D
Acq: 15 Jul 2022 15:01

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion: 96 Resp: 45432

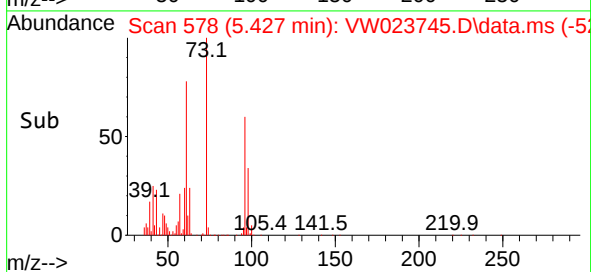
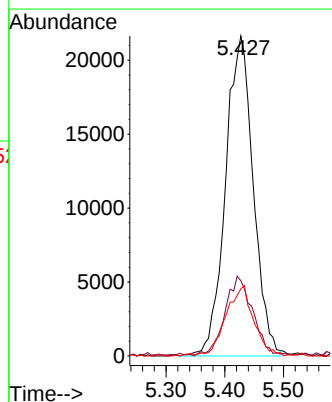
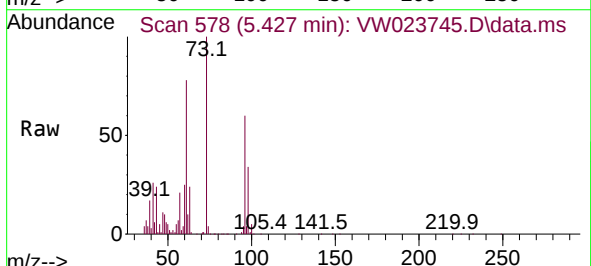
Ion	Ratio	Lower	Upper
96	100		
61	122.8	90.8	168.6
98	65.7	42.8	79.6

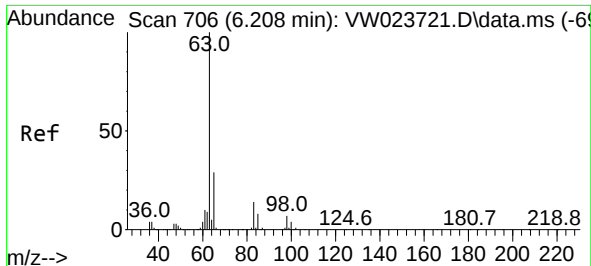


#18
Methyl tert-butyl Ether
Concen: 19.600 ug/L
RT: 5.427 min Scan# 578
Delta R.T. -0.001 min
Lab File: VW023745.D
Acq: 15 Jul 2022 15:01

Tgt Ion: 73 Resp: 71091

Ion	Ratio	Lower	Upper
73	100		
43	22.9	17.6	26.4
57	21.6	16.8	25.2





#19

1,1-Dichloroethane

Concen: 20.221 ug/L

RT: 6.208 min Scan# 706

Delta R.T. -0.001 min

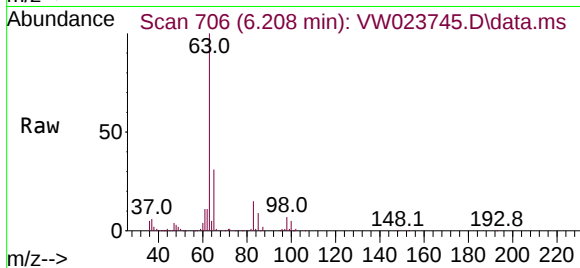
Lab File: VW023745.D

Acq: 15 Jul 2022 15:01

Instrument :

MSVOA_W

ClientSampleId :



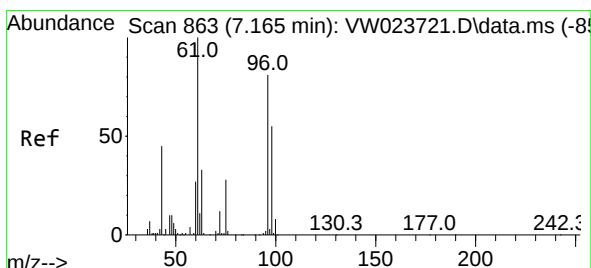
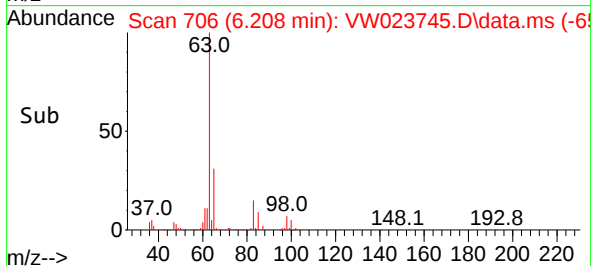
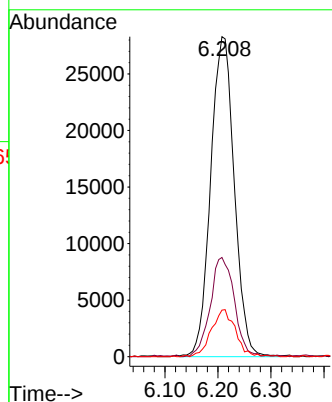
Tgt Ion: 63 Resp: 87449

Ion Ratio Lower Upper

63 100

65 31.0 22.7 42.1

83 14.5 9.7 18.1



#20

cis-1,2-Dichloroethene

Concen: 20.644 ug/L

RT: 7.165 min Scan# 863

Delta R.T. -0.001 min

Lab File: VW023745.D

Acq: 15 Jul 2022 15:01

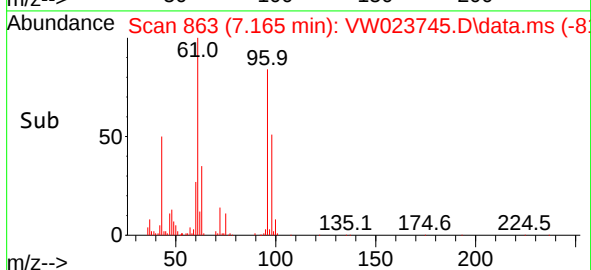
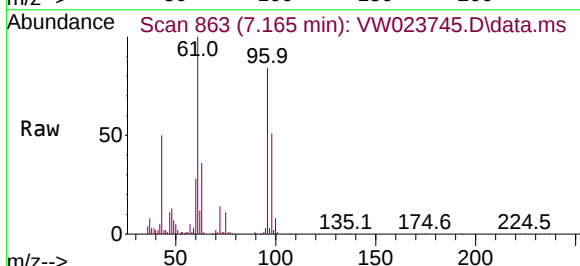
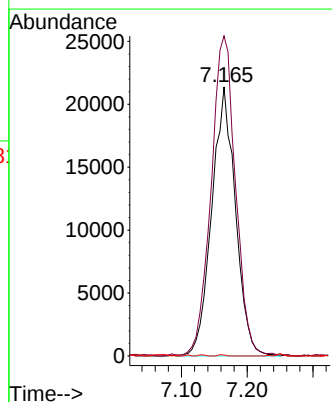
Tgt Ion: 96 Resp: 53620

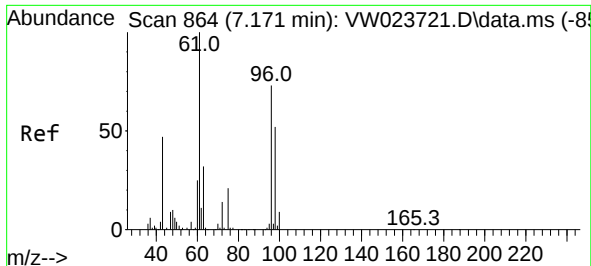
Ion Ratio Lower Upper

96 100

61 118.9 90.6 168.2

68 0.8 0.2 0.4

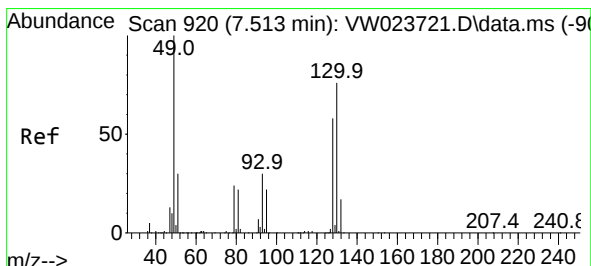
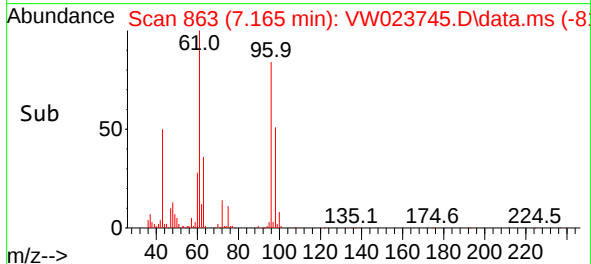
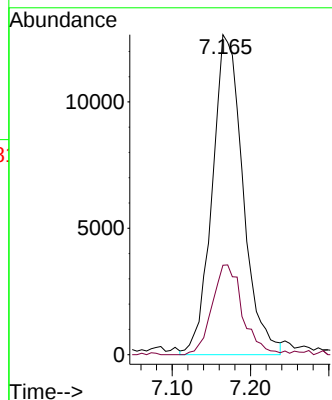
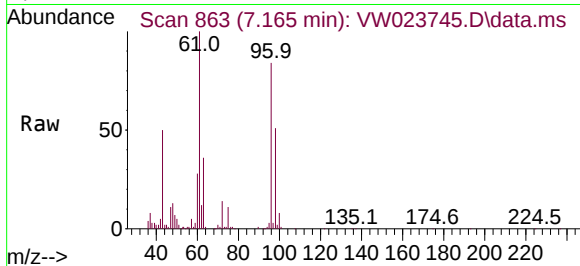




#22
2-Butanone
Concen: 41.164 ug/L
RT: 7.165 min Scan# 863
Delta R.T. -0.007 min
Lab File: VW023745.D
Acq: 15 Jul 2022 15:01

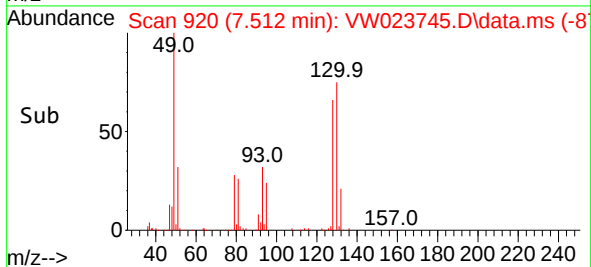
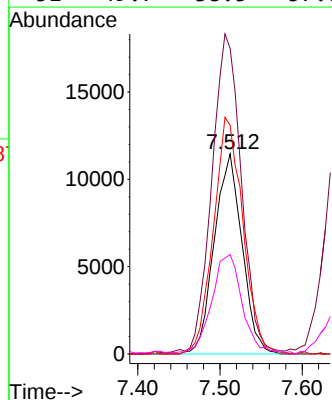
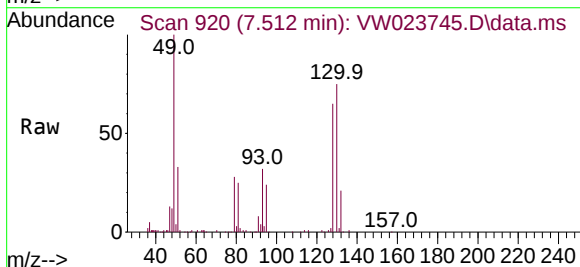
Instrument :
MSVOA_W
ClientSampleId :

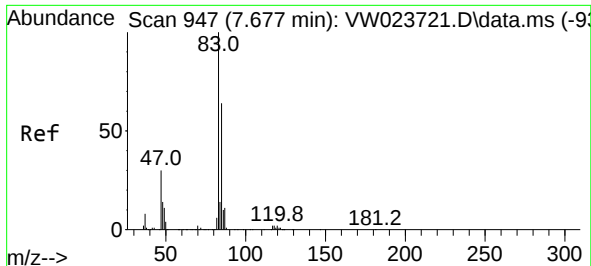
Tgt Ion: 43 Resp: 34539
Ion Ratio Lower Upper
43 100
72 27.7 14.7 44.1



#23
Bromochloromethane
Concen: 21.527 ug/L
RT: 7.512 min Scan# 920
Delta R.T. -0.001 min
Lab File: VW023745.D
Acq: 15 Jul 2022 15:01

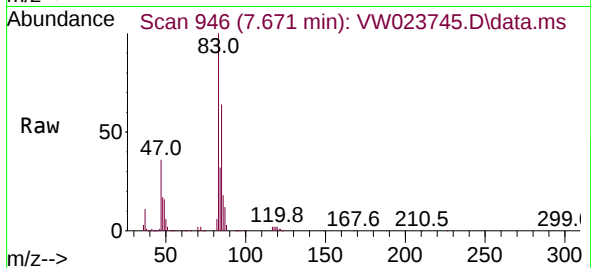
Tgt Ion: 128 Resp: 26860
Ion Ratio Lower Upper
128 100
49 152.7 106.0 196.8
130 114.3 83.2 154.4
51 49.7 38.5 57.7



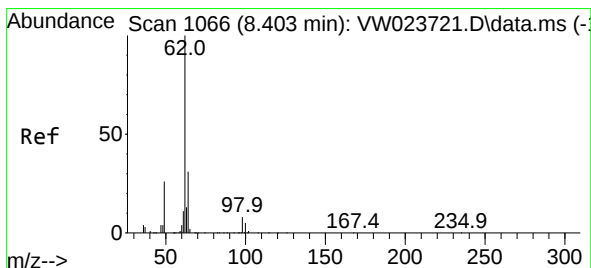
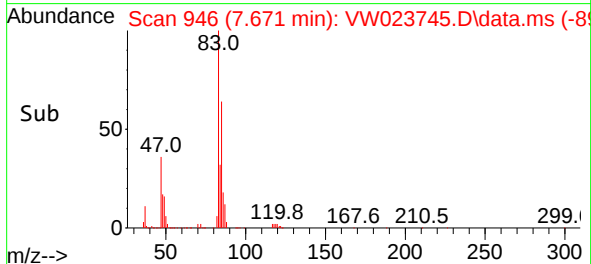
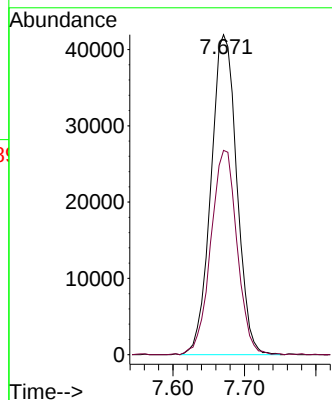


#25
Chloroform
Concen: 21.106 ug/L
RT: 7.671 min Scan# 947
Delta R.T. -0.007 min
Lab File: VW023745.D
Acq: 15 Jul 2022 15:01

Instrument :
MSVOA_W
ClientSampleId :

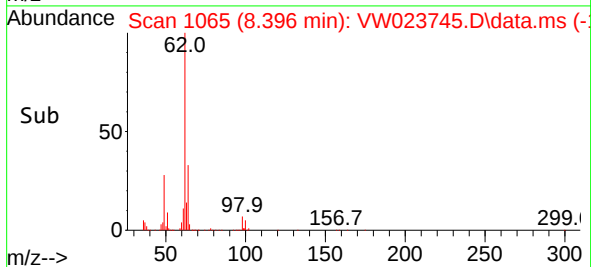
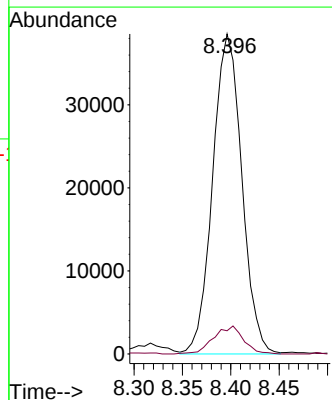
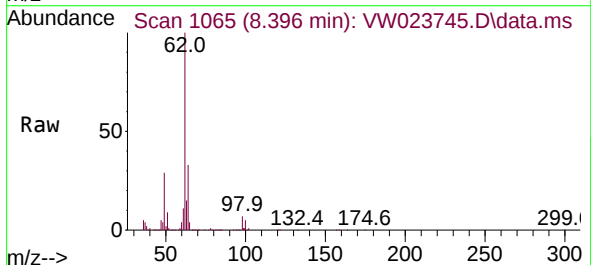


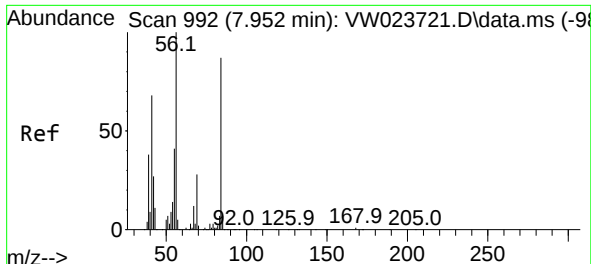
Tgt Ion: 83 Resp: 105154
Ion Ratio Lower Upper
83 100
85 63.9 41.9 77.9



#27
1,2-Dichloroethane
Concen: 22.038 ug/L
RT: 8.396 min Scan# 1065
Delta R.T. -0.007 min
Lab File: VW023745.D
Acq: 15 Jul 2022 15:01

Tgt Ion: 62 Resp: 80806
Ion Ratio Lower Upper
62 100
98 7.7 7.2 10.8





#29

Cyclohexane

Concen: 20.131 ug/L

RT: 7.951 min Scan# 992

Delta R.T. -0.001 min

Lab File: VW023745.D

Acq: 15 Jul 2022 15:01

Instrument :

MSVOA_W

ClientSampleId :

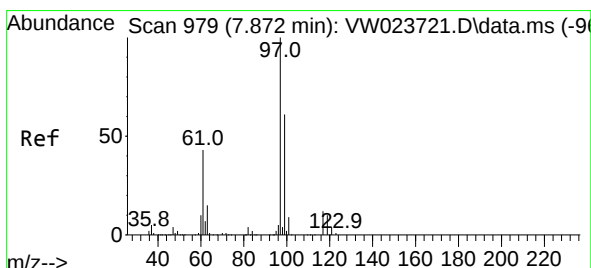
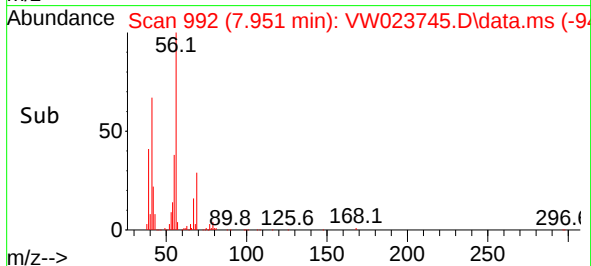
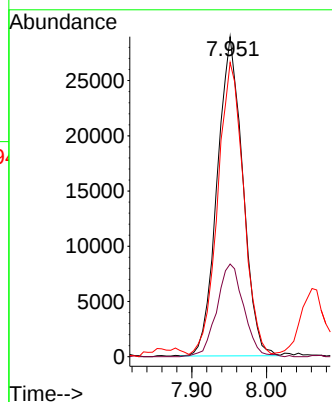
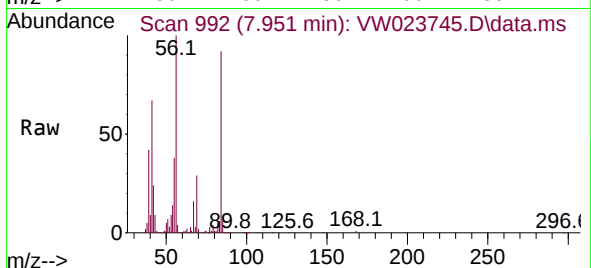
Tgt Ion: 56 Resp: 68678

Ion Ratio Lower Upper

56 100

69 30.4 25.4 38.0

84 93.9 75.0 112.4



#30

1,1,1-Trichloroethane

Concen: 20.612 ug/L

RT: 7.866 min Scan# 978

Delta R.T. -0.007 min

Lab File: VW023745.D

Acq: 15 Jul 2022 15:01

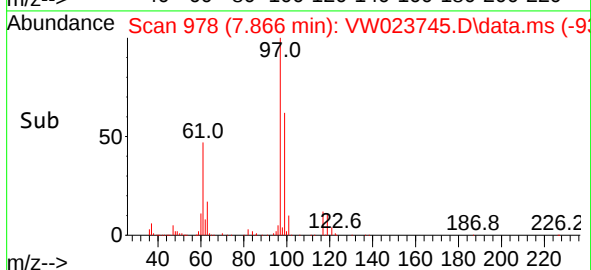
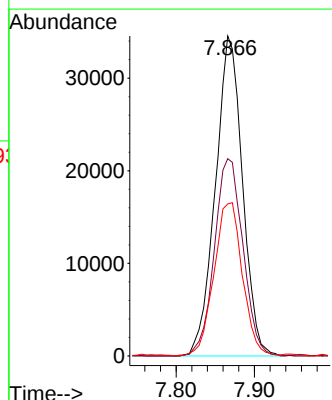
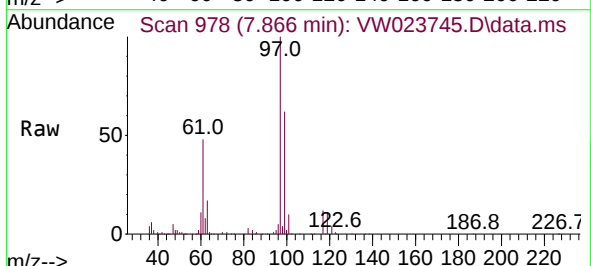
Tgt Ion: 97 Resp: 83249

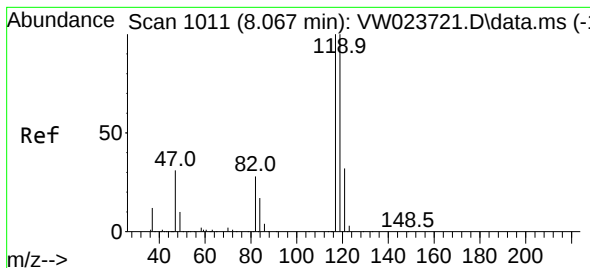
Ion Ratio Lower Upper

97 100

99 64.8 51.0 76.6

61 50.3 37.5 56.3

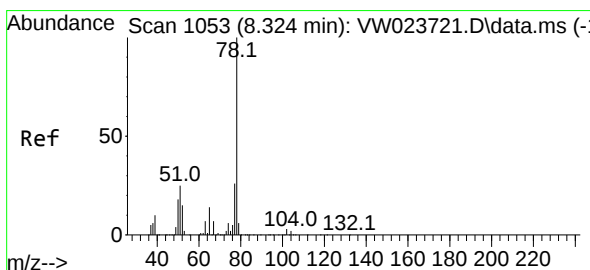
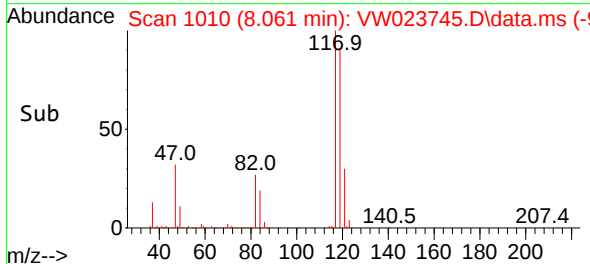
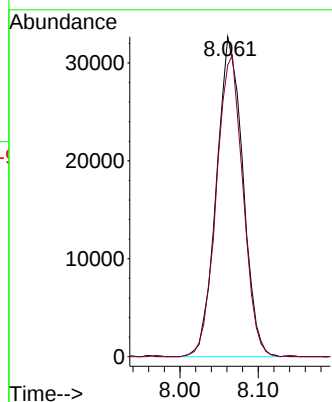
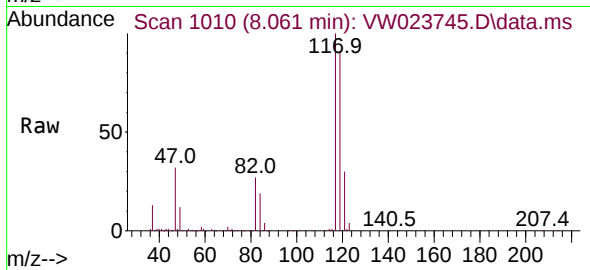




#31
Carbon tetrachloride
Concen: 21.045 ug/L
RT: 8.061 min Scan# 1010
Delta R.T. -0.007 min
Lab File: VW023745.D
Acq: 15 Jul 2022 15:01

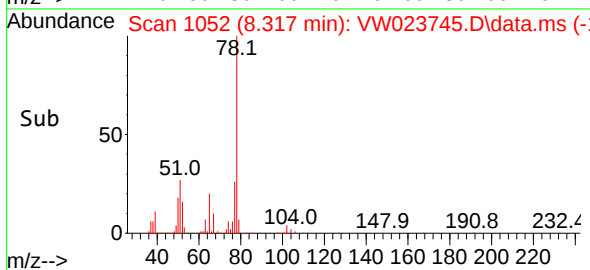
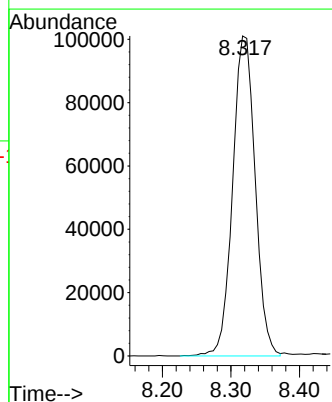
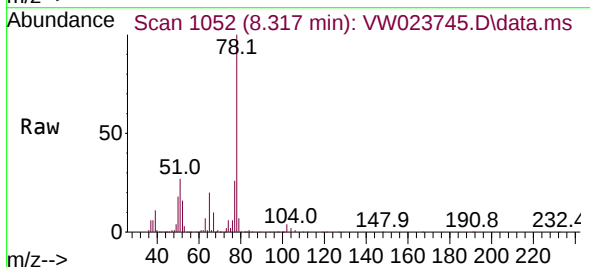
Instrument :
MSVOA_W
ClientSampleId :

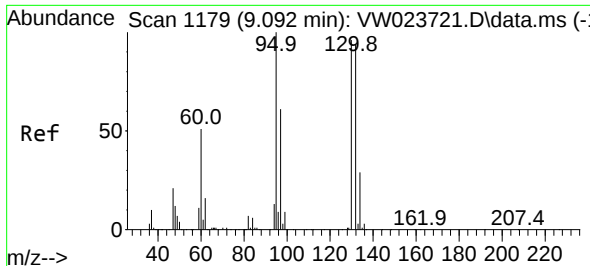
Tgt Ion:117 Resp: 76622
Ion Ratio Lower Upper
117 100
119 94.9 75.7 113.5



#33
Benzene
Concen: 21.843 ug/L
RT: 8.317 min Scan# 1052
Delta R.T. -0.007 min
Lab File: VW023745.D
Acq: 15 Jul 2022 15:01

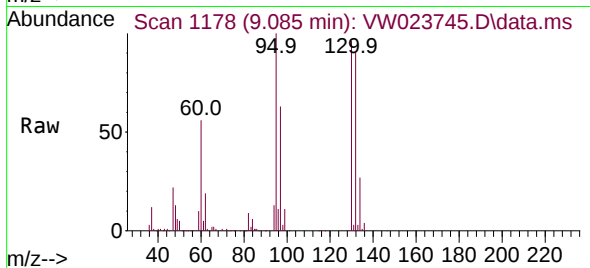
Tgt Ion: 78 Resp: 231541



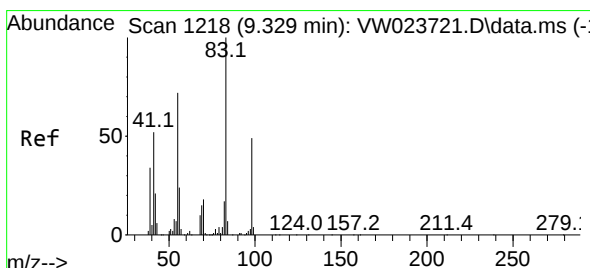
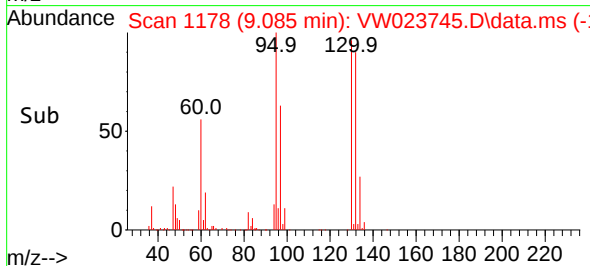
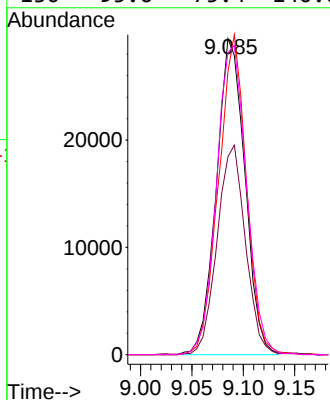


#34
Trichloroethene
Concen: 20.316 ug/L
RT: 9.085 min Scan# 1178
Delta R.T. -0.007 min
Lab File: VW023745.D
Acq: 15 Jul 2022 15:01

Instrument :
MSVOA_W
ClientSampleId :

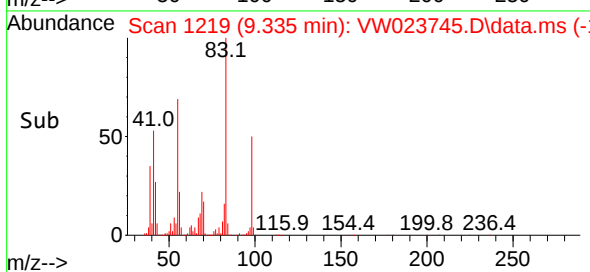
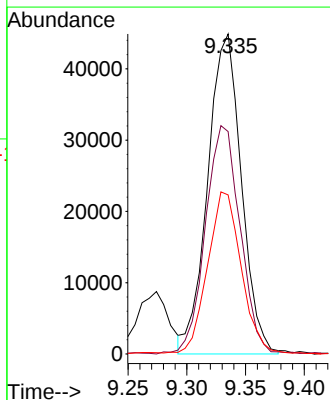
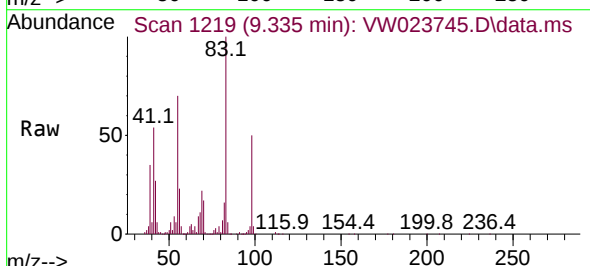


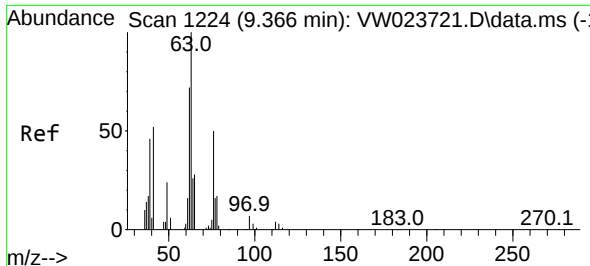
Tgt Ion:	95	Resp:	56868
Ion	Ratio	Lower	Upper
95	100		
97	62.6	45.6	84.8
132	89.6	69.9	129.7
130	95.6	75.4	140.0



#35
Methylcyclohexane
Concen: 21.000 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. 0.006 min
Lab File: VW023745.D
Acq: 15 Jul 2022 15:01

Tgt Ion:	83	Resp:	89513
Ion	Ratio	Lower	Upper
83	100		
55	73.5	60.8	91.2
98	50.7	39.5	59.3





#37

1,2-Dichloropropane

Concen: 22.732 ug/L

RT: 9.366 min Scan# 11

Delta R.T. -0.001 min

Lab File: VW023745.D

Acq: 15 Jul 2022 15:01

Instrument :

MSVOA_W

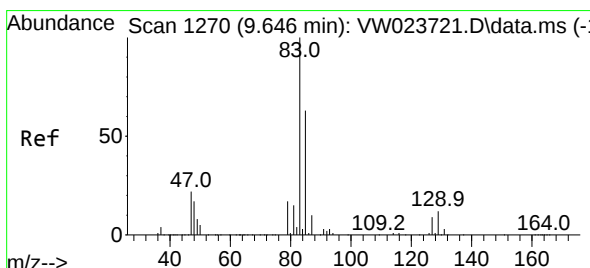
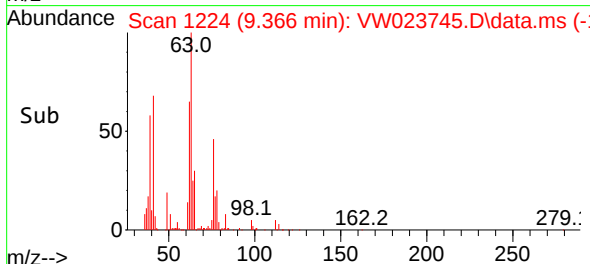
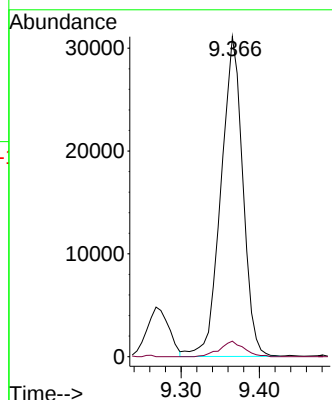
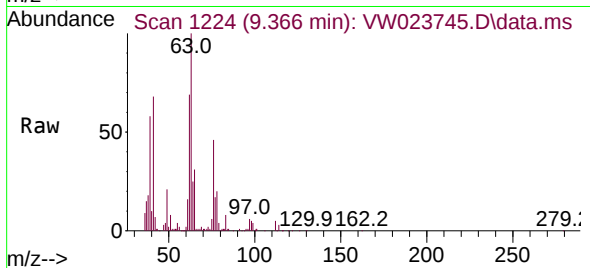
ClientSampleId :

Tgt Ion: 63 Resp: 60413

Ion Ratio Lower Upper

63 100

112 5.3 4.2 6.2



#38

Bromodichloromethane

Concen: 23.110 ug/L

RT: 9.640 min Scan# 1269

Delta R.T. -0.007 min

Lab File: VW023745.D

Acq: 15 Jul 2022 15:01

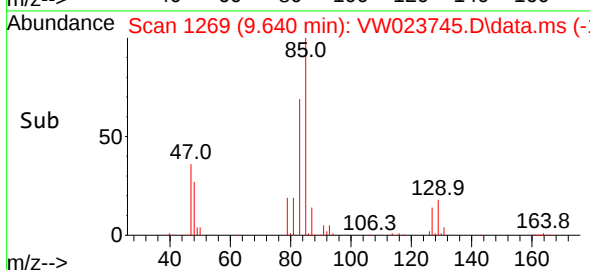
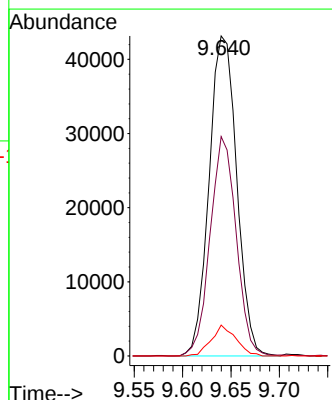
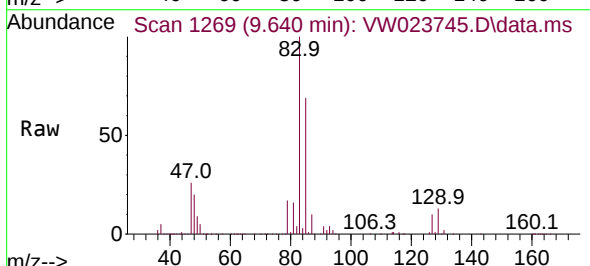
Tgt Ion: 83 Resp: 85718

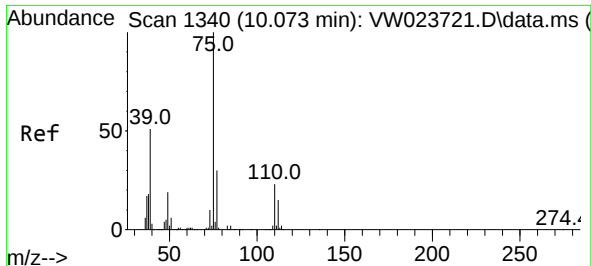
Ion Ratio Lower Upper

83 100

85 68.6 45.5 84.5

127 9.7 6.0 9.0#

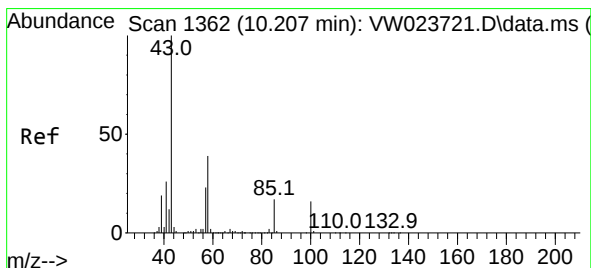
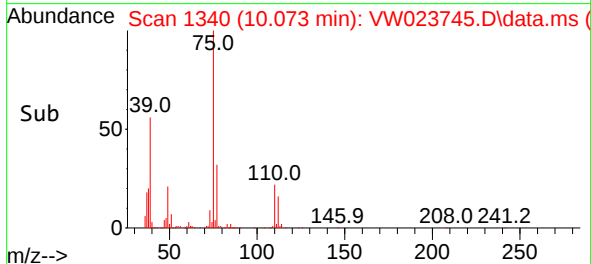
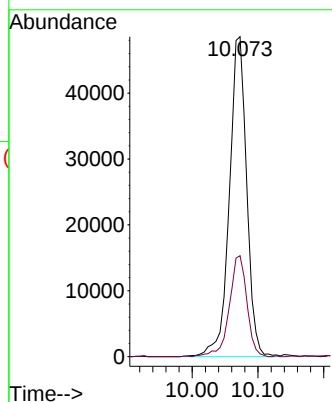
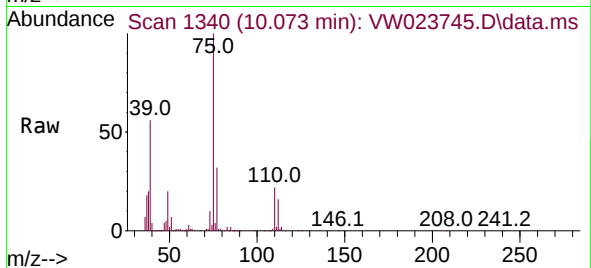




#39
 cis-1,3-Dichloropropene
 Concen: 22.247 ug/L
 RT: 10.073 min Scan# 11
 Delta R.T. -0.001 min
 Lab File: VW023745.D
 Acq: 15 Jul 2022 15:01

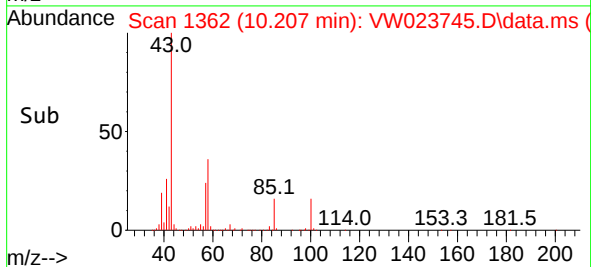
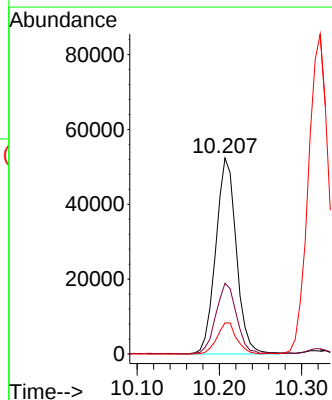
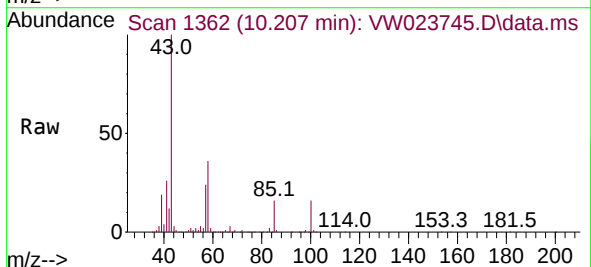
Instrument :
 MSVOA_W
 ClientSampleId :

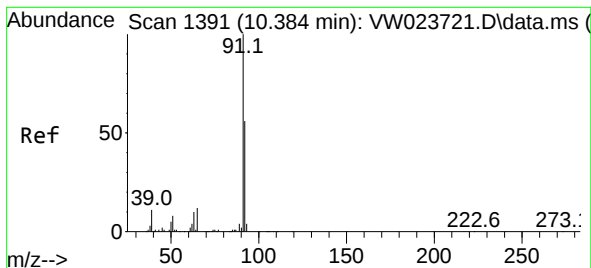
Tgt Ion: 75 Resp: 89113
 Ion Ratio Lower Upper
 75 100
 77 31.6 22.5 41.9



#40
 4-Methyl-2-pentanone
 Concen: 49.285 ug/L
 RT: 10.207 min Scan# 1362
 Delta R.T. -0.001 min
 Lab File: VW023745.D
 Acq: 15 Jul 2022 15:01

Tgt Ion: 43 Resp: 91143
 Ion Ratio Lower Upper
 43 100
 58 36.3 29.8 44.8
 100 15.2 13.0 19.4





#42

Toluene

Concen: 23.173 ug/L

RT: 10.384 min Scan# 1391

Delta R.T. -0.001 min

Lab File: VW023745.D

Acq: 15 Jul 2022 15:01

Instrument :

MSVOA_W

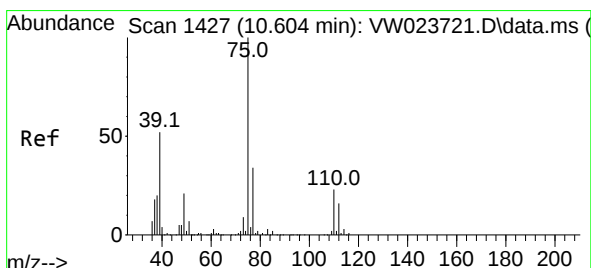
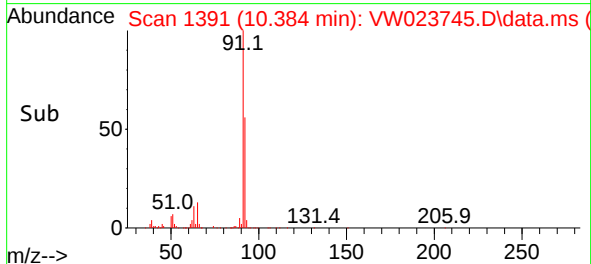
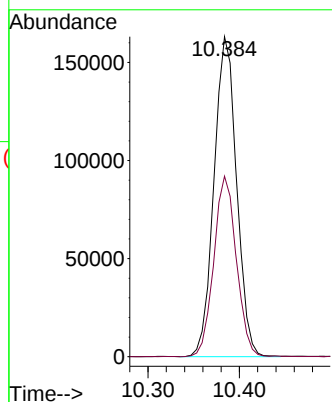
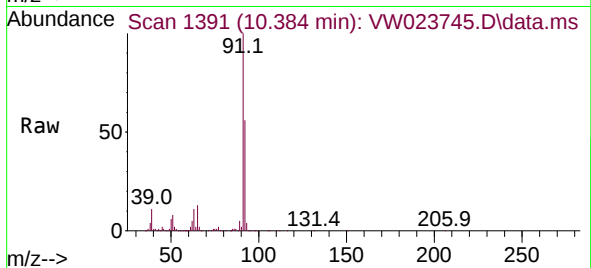
ClientSampleId :

Tgt Ion: 91 Resp: 280143

Ion Ratio Lower Upper

91 100

92 56.4 39.9 74.1



#44

trans-1,3-Dichloropropene

Concen: 23.080 ug/L

RT: 10.603 min Scan# 1427

Delta R.T. -0.001 min

Lab File: VW023745.D

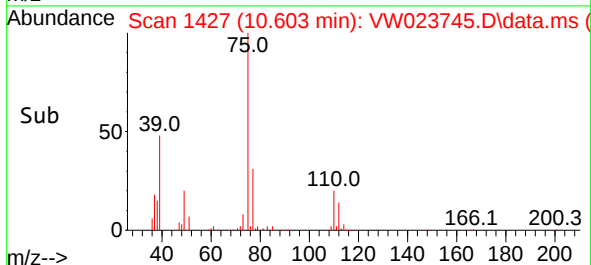
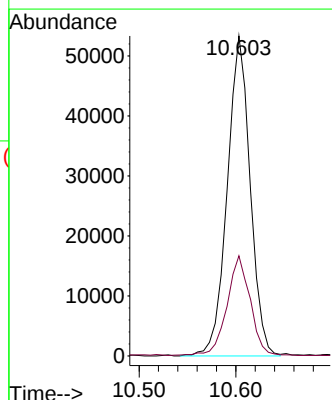
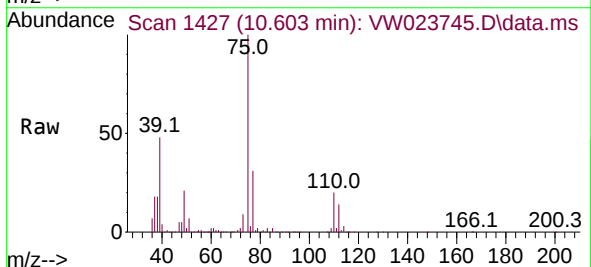
Acq: 15 Jul 2022 15:01

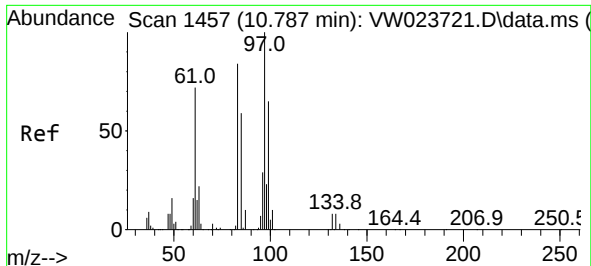
Tgt Ion: 75 Resp: 87871

Ion Ratio Lower Upper

75 100

77 31.3 22.0 41.0

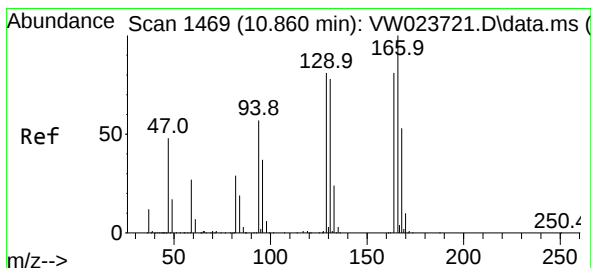
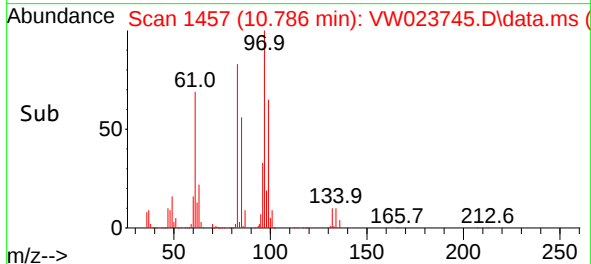
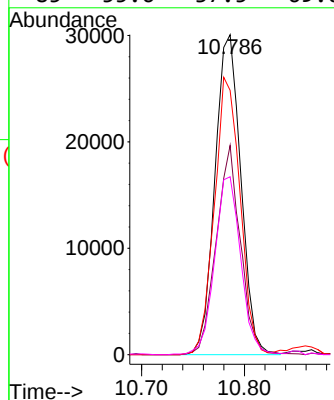
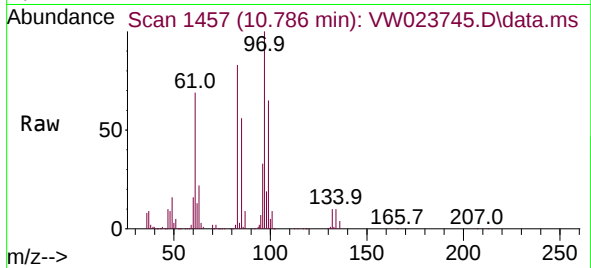




#45
1,1,2-Trichloroethane
Concen: 22.613 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. -0.001 min
Lab File: VW023745.D
Acq: 15 Jul 2022 15:01

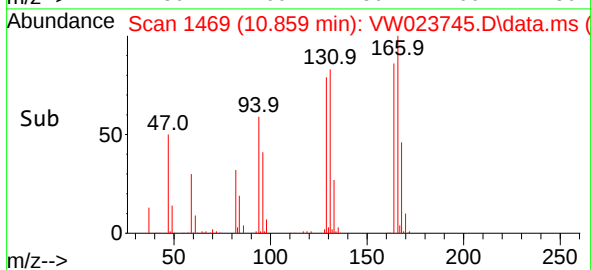
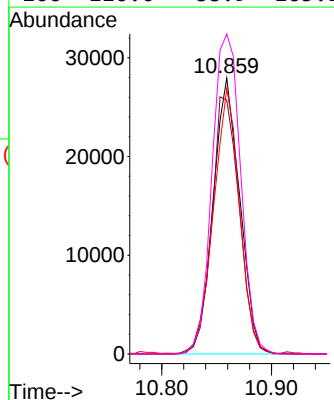
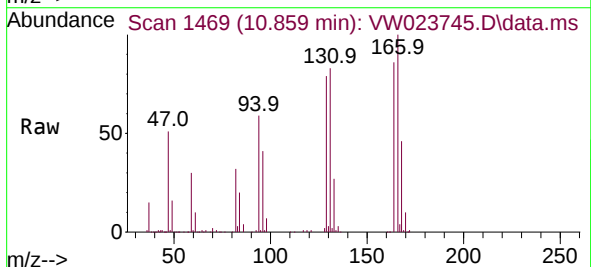
Instrument :
MSVOA_W
ClientSampleId :

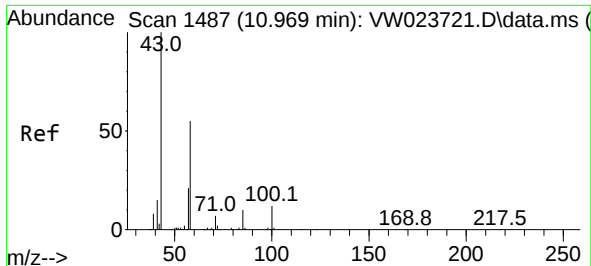
Tgt Ion: 97	Resp: 52548
Ion Ratio	Lower Upper
97 100	
99 65.4	44.2 82.2
83 82.6	59.8 111.0
85 55.6	37.5 69.6



#46
Tetrachloroethene
Concen: 21.819 ug/L
RT: 10.859 min Scan# 1469
Delta R.T. -0.001 min
Lab File: VW023745.D
Acq: 15 Jul 2022 15:01

Tgt	Ion:164	Resp:	47226
Ion	Ratio	Lower	Upper
164	100		
129	92.0	72.4	134.5
131	96.2	67.8	125.8
166	116.0	88.9	165.1

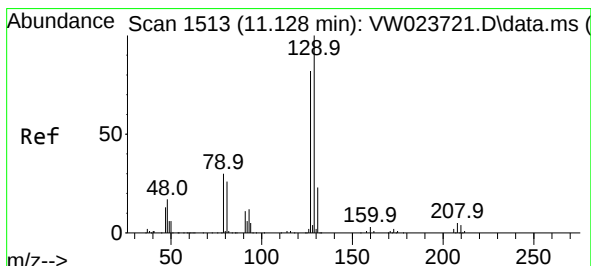
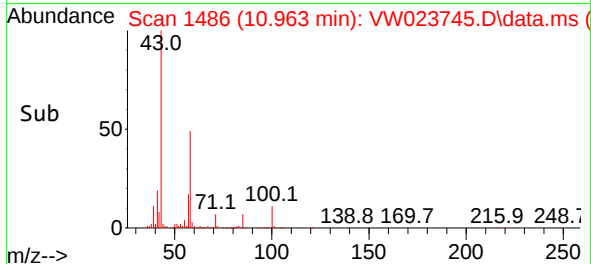
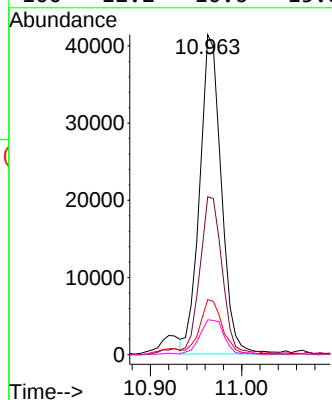
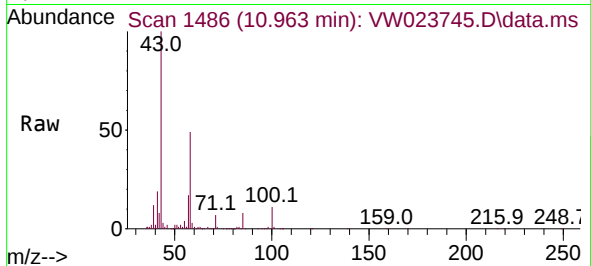




#48
2-Hexanone
Concen: 50.654 ug/L
RT: 10.963 min Scan# 1486
Delta R.T. -0.007 min
Lab File: VW023745.D
Acq: 15 Jul 2022 15:01

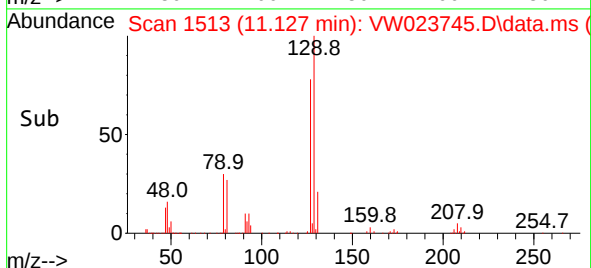
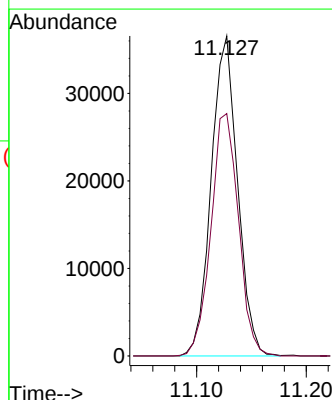
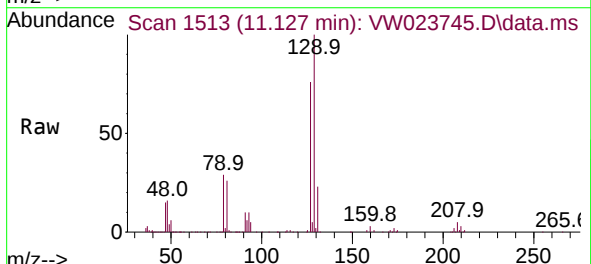
Instrument :
MSVOA_W
ClientSampleId :

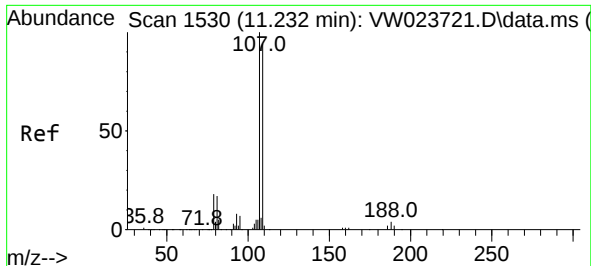
Tgt Ion: 43 Resp: 68203
Ion Ratio Lower Upper
43 100
58 51.3 41.6 62.4
57 17.9 14.6 21.8
100 12.2 10.6 15.8



#49
Dibromochloromethane
Concen: 22.672 ug/L
RT: 11.127 min Scan# 1513
Delta R.T. -0.001 min
Lab File: VW023745.D
Acq: 15 Jul 2022 15:01

Tgt Ion: 129 Resp: 61097
Ion Ratio Lower Upper
129 100
127 75.8 53.7 99.7





#50

1,2-Dibromoethane

Concen: 22.199 ug/L

RT: 11.231 min Scan# 11

Delta R.T. -0.001 min

Lab File: VW023745.D

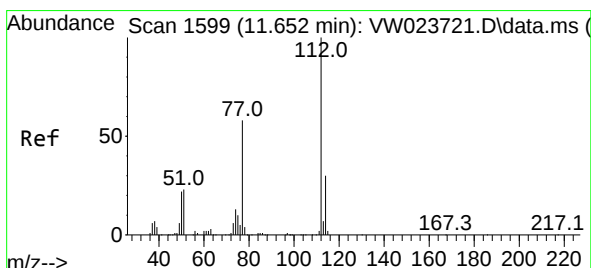
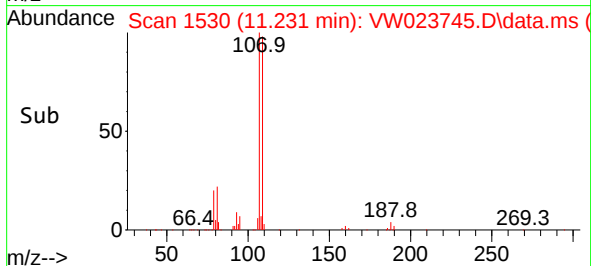
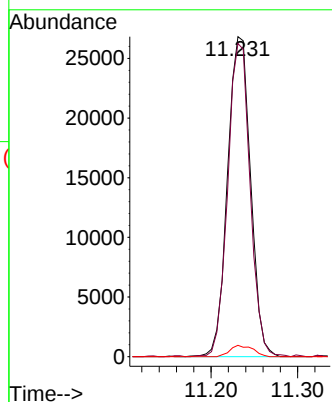
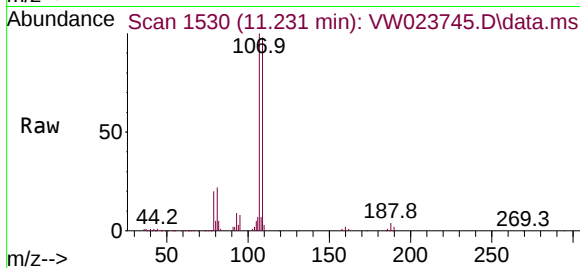
Acq: 15 Jul 2022 15:01

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:107	Resp:	49559
Ion Ratio	Lower	Upper
107	100	
109	97.9	62.4 116.0
188	3.5	2.3 3.5#



#51

Chlorobenzene

Concen: 21.928 ug/L

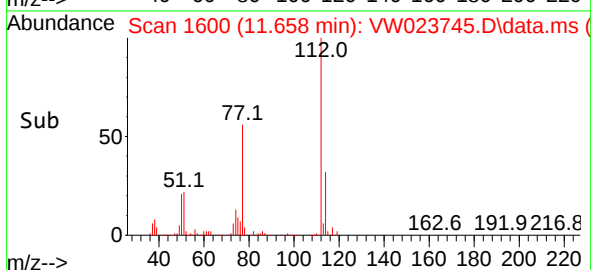
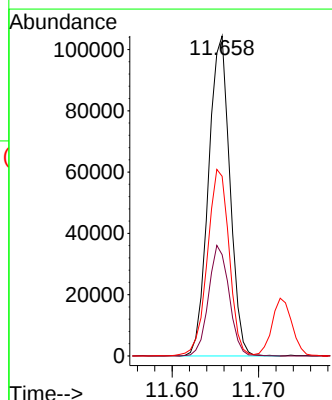
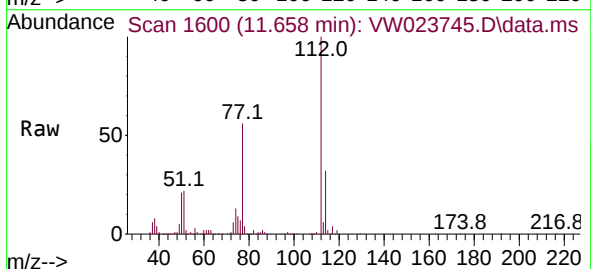
RT: 11.658 min Scan# 1600

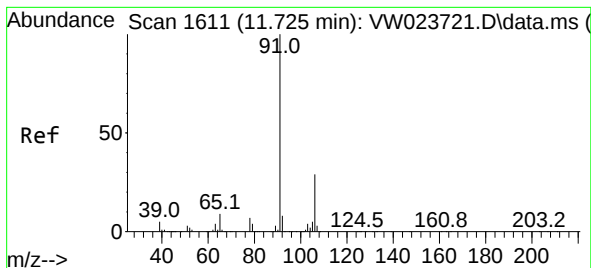
Delta R.T. 0.006 min

Lab File: VW023745.D

Acq: 15 Jul 2022 15:01

Tgt Ion:112	Resp:	178790
Ion Ratio	Lower	Upper
112	100	
114	31.6	21.1 39.3
77	56.2	46.6 69.8

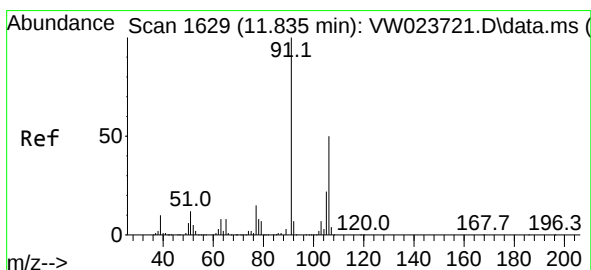
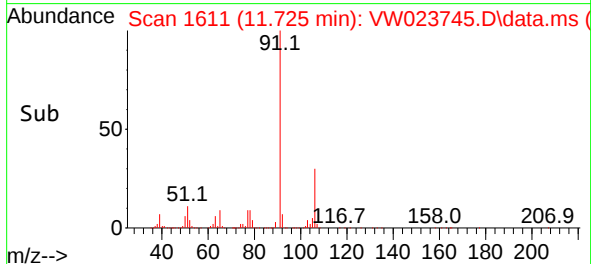
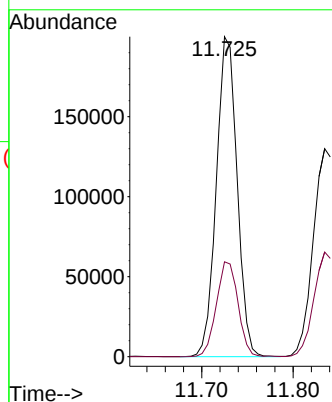
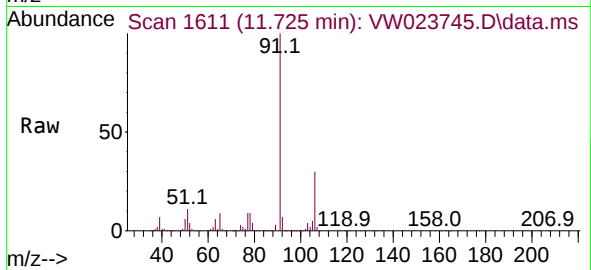




#52
Ethylbenzene
Concen: 23.008 ug/L
RT: 11.725 min Scan# 1611
Delta R.T. -0.001 min
Lab File: VW023745.D
Acq: 15 Jul 2022 15:01

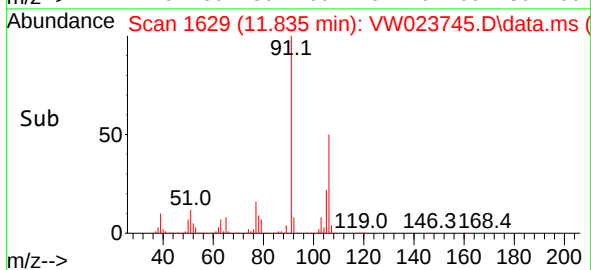
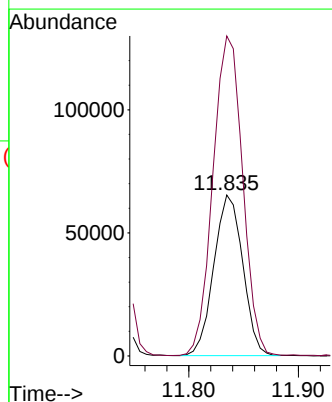
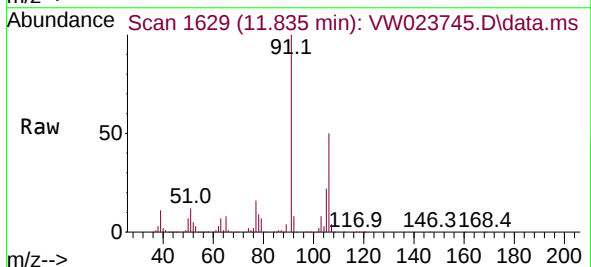
Instrument :
MSVOA_W
ClientSampleId :

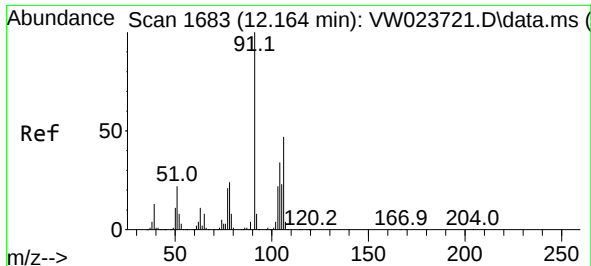
Tgt Ion: 91 Resp: 316073
Ion Ratio Lower Upper
91 100
106 29.6 22.5 41.9



#53
m,p-Xylene
Concen: 22.341 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. -0.001 min
Lab File: VW023745.D
Acq: 15 Jul 2022 15:01

Tgt Ion:106 Resp: 119744
Ion Ratio Lower Upper
106 100
91 198.8 142.8 265.2

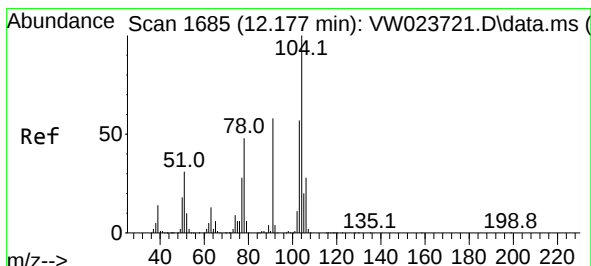
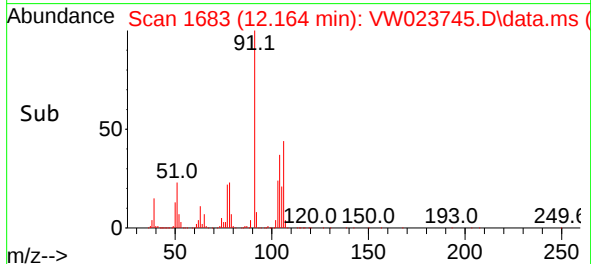
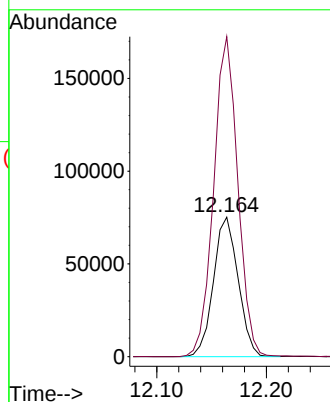
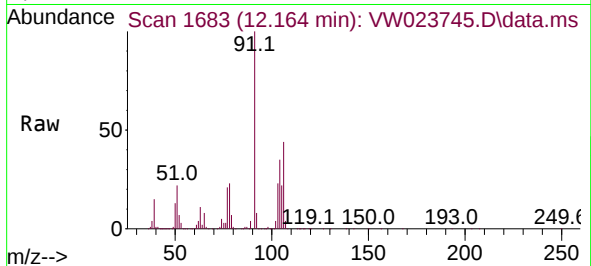




#54
o-Xylene
Concen: 22.874 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. -0.001 min
Lab File: VW023745.D
Acq: 15 Jul 2022 15:01

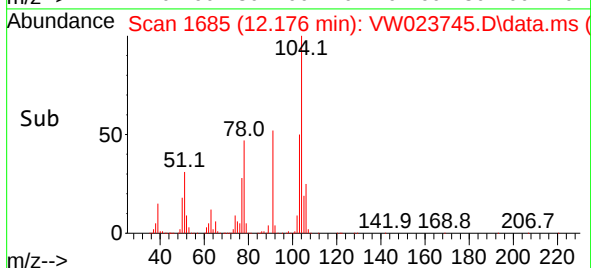
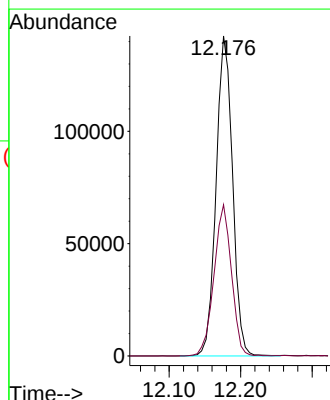
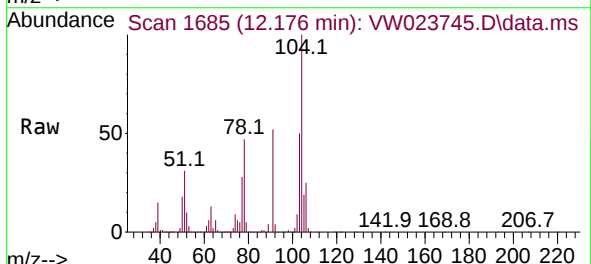
Instrument :
MSVOA_W
ClientSampleId :

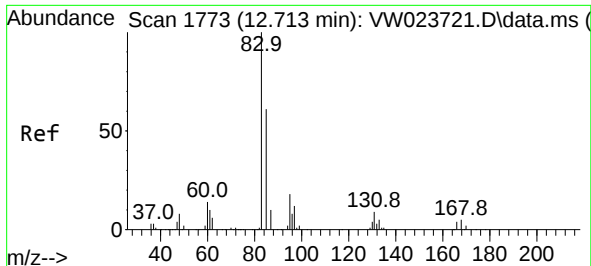
Tgt Ion:106 Resp: 117744
Ion Ratio Lower Upper
106 100
91 229.3 149.6 277.8



#55
Styrene
Concen: 25.022 ug/L
RT: 12.176 min Scan# 1685
Delta R.T. -0.001 min
Lab File: VW023745.D
Acq: 15 Jul 2022 15:01

Tgt Ion:104 Resp: 227540
Ion Ratio Lower Upper
104 100
78 47.2 34.3 63.7

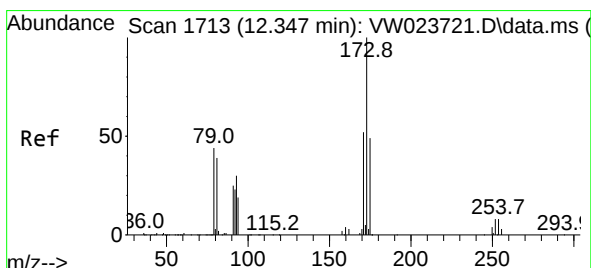
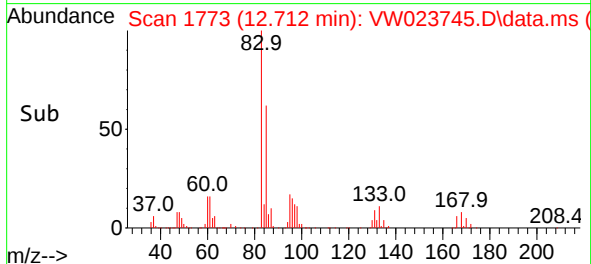
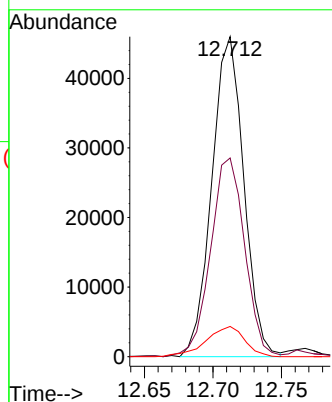
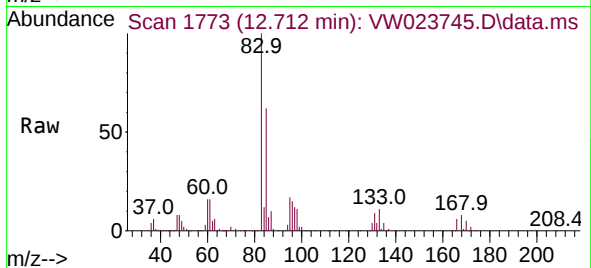




#57
1,1,2-Tetrachloroethane
Concen: 23.578 ug/L
RT: 12.712 min Scan# 11
Delta R.T. -0.001 min
Lab File: VW023745.D
Acq: 15 Jul 2022 15:01

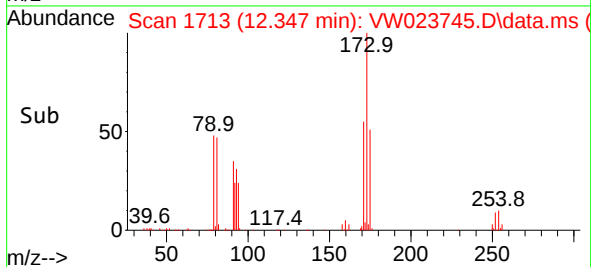
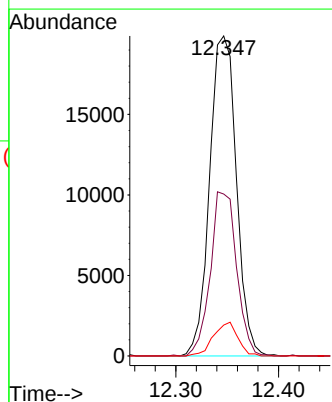
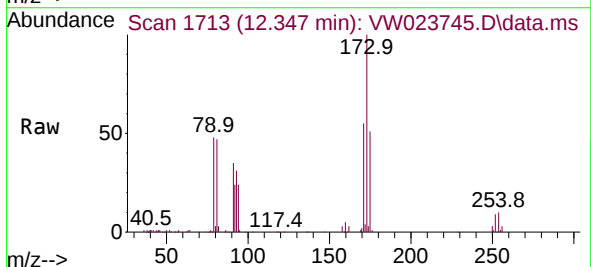
Instrument :
MSVOA_W
ClientSampleId :

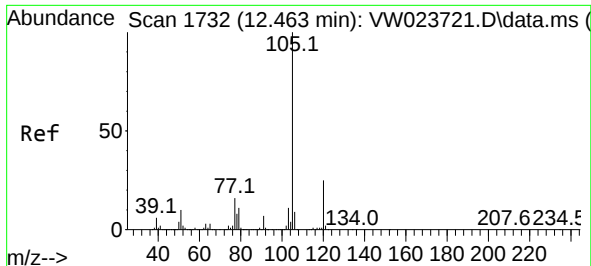
Tgt Ion: 83 Resp: 74735
Ion Ratio Lower Upper
83 100
85 62.1 46.5 86.3
131 9.5 7.4 11.0



#59
Bromoform
Concen: 22.979 ug/L
RT: 12.347 min Scan# 1713
Delta R.T. -0.001 min
Lab File: VW023745.D
Acq: 15 Jul 2022 15:01

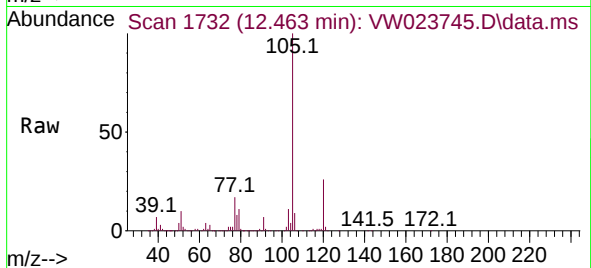
Tgt Ion: 173 Resp: 35910
Ion Ratio Lower Upper
173 100
175 50.3 38.9 58.3
254 9.6 5.9 8.9#



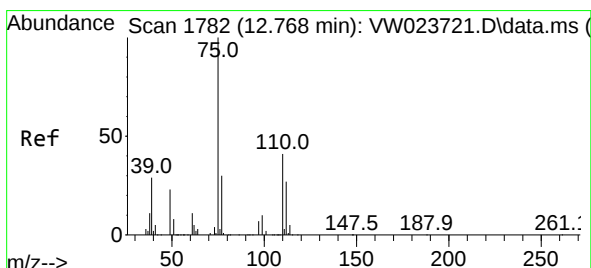
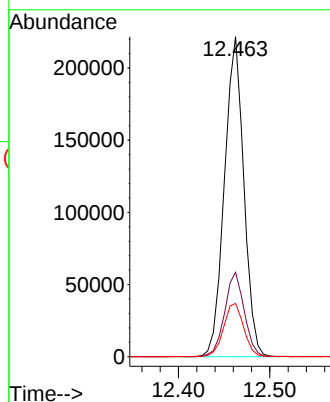
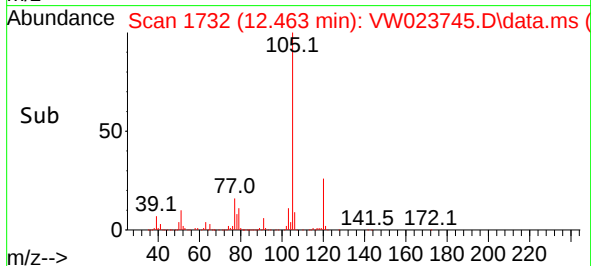


#60
Isopropylbenzene
Concen: 22.950 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. -0.001 min
Lab File: VW023745.D
Acq: 15 Jul 2022 15:01

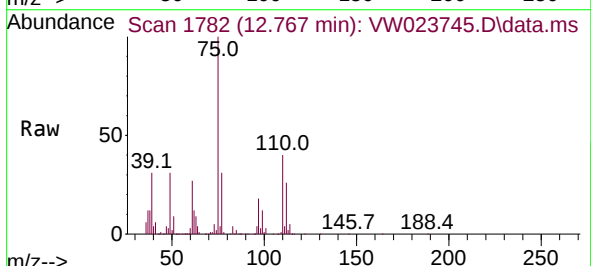
Instrument :
MSVOA_W
ClientSampleId :



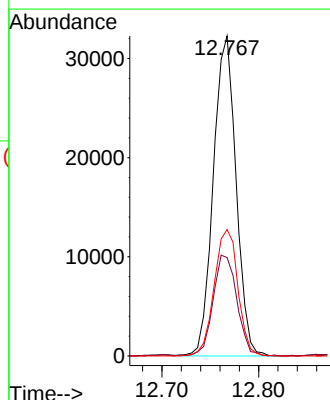
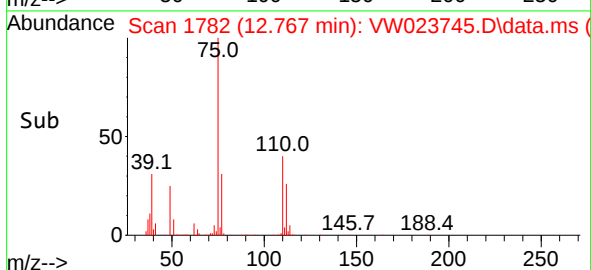
Tgt Ion:105 Resp: 326725
Ion Ratio Lower Upper
105 100
120 26.5 20.7 31.1
77 17.3 13.2 19.8

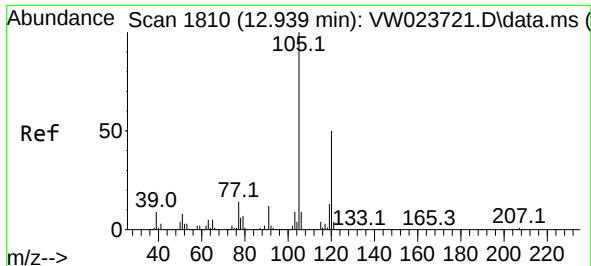


#61
1,2,3-Trichloropropane
Concen: 22.649 ug/L
RT: 12.767 min Scan# 1782
Delta R.T. -0.001 min
Lab File: VW023745.D
Acq: 15 Jul 2022 15:01



Tgt Ion: 75 Resp: 52634
Ion Ratio Lower Upper
75 100
77 33.0 25.0 37.4
110 41.2 31.9 47.9

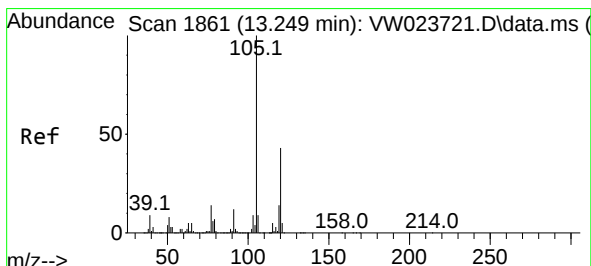
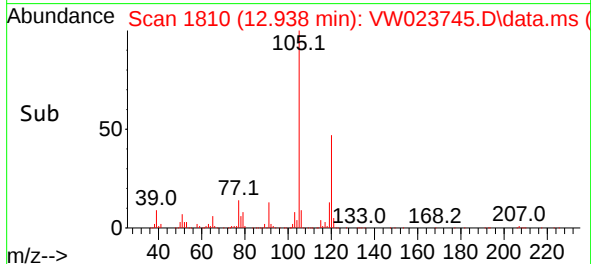
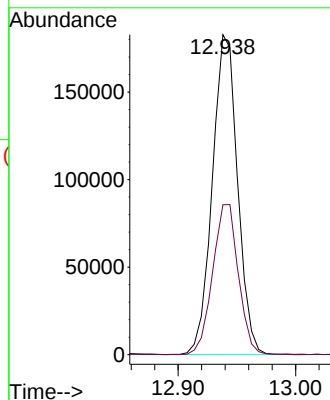
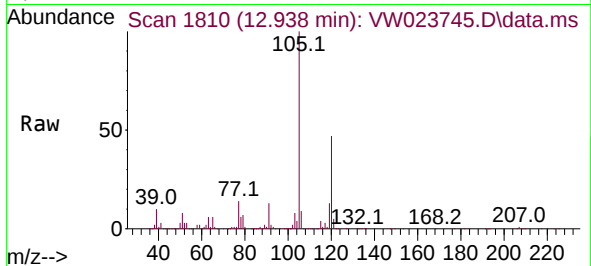




#62
1,3,5-Trimethylbenzene
Concen: 23.336 ug/L
RT: 12.938 min Scan# 1810
Delta R.T. -0.001 min
Lab File: VW023745.D
Acq: 15 Jul 2022 15:01

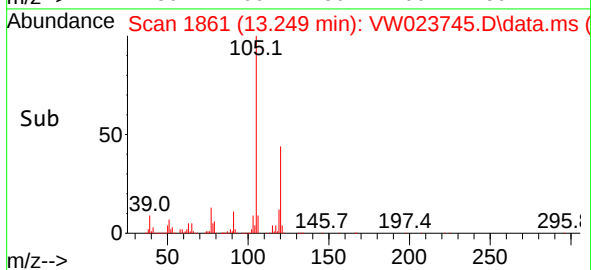
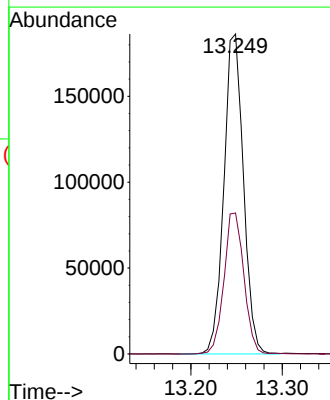
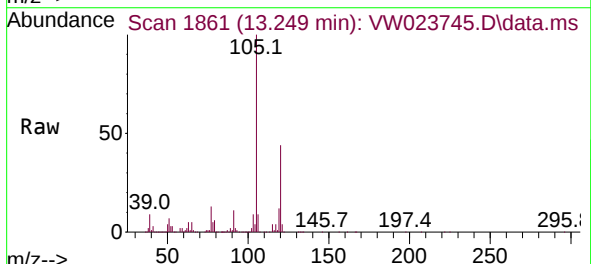
Instrument :
MSVOA_W
ClientSampleId :

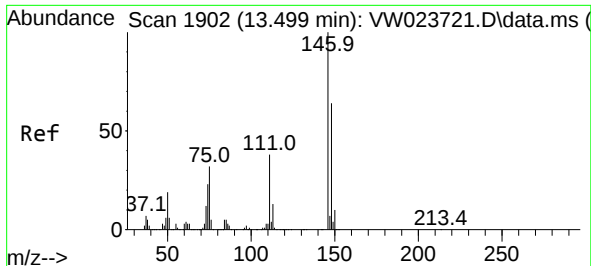
Tgt Ion:105 Resp: 271989
Ion Ratio Lower Upper
105 100
120 48.0 38.7 58.1



#63
1,2,4-Trimethylbenzene
Concen: 23.803 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. -0.001 min
Lab File: VW023745.D
Acq: 15 Jul 2022 15:01

Tgt Ion:105 Resp: 277383
Ion Ratio Lower Upper
105 100
120 44.9 35.5 53.3

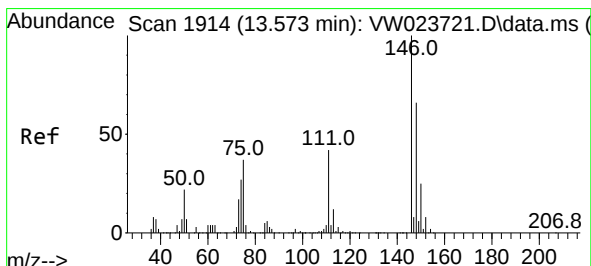
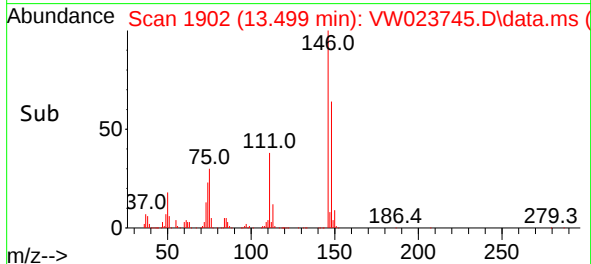
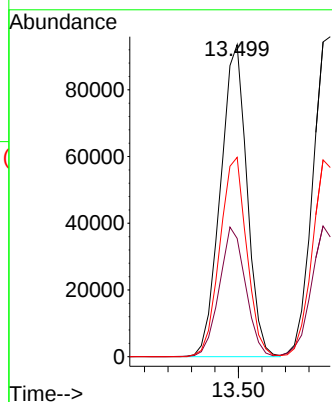
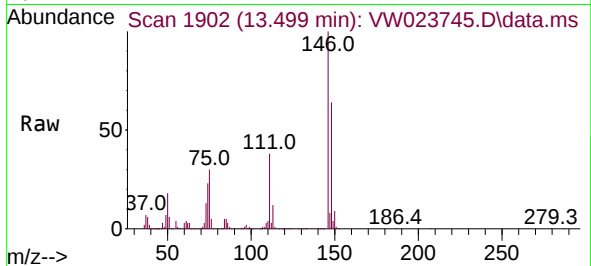




#64
1,3-Dichlorobenzene
Concen: 22.675 ug/L
RT: 13.499 min Scan# 1902
Delta R.T. -0.001 min
Lab File: VW023745.D
Acq: 15 Jul 2022 15:01

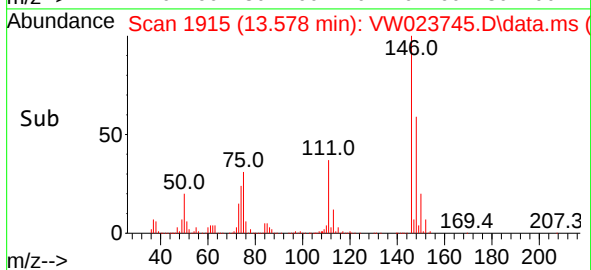
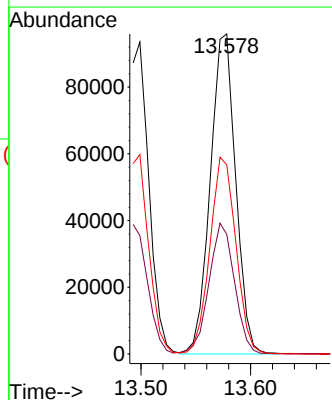
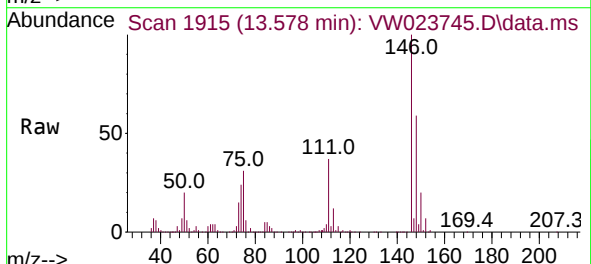
Instrument :
MSVOA_W
ClientSampleId :

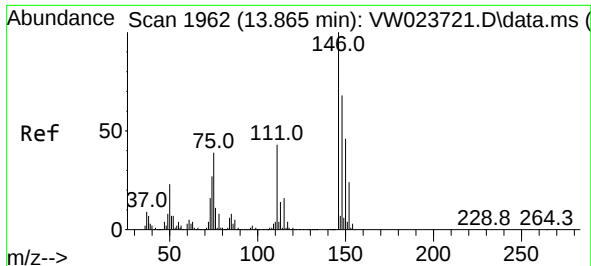
Tgt Ion:146 Resp: 146569
Ion Ratio Lower Upper
146 100
111 37.9 28.6 53.2
148 63.9 41.2 76.4



#65
1,4-Dichlorobenzene
Concen: 22.514 ug/L
RT: 13.578 min Scan# 1915
Delta R.T. 0.006 min
Lab File: VW023745.D
Acq: 15 Jul 2022 15:01

Tgt Ion:146 Resp: 154826
Ion Ratio Lower Upper
146 100
111 37.4 29.4 54.6
148 59.1 44.4 82.5





#67

1,2-Dichlorobenzene

Concen: 23.626 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. -0.001 min

Lab File: VW023745.D

Acq: 15 Jul 2022 15:01

Instrument :

MSVOA_W

ClientSampleId :

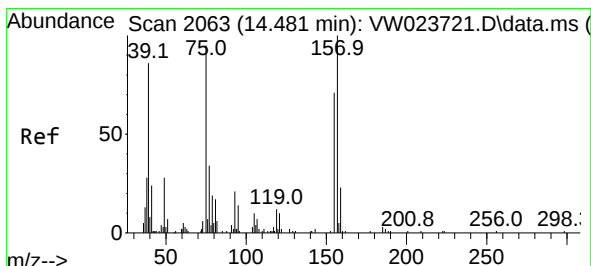
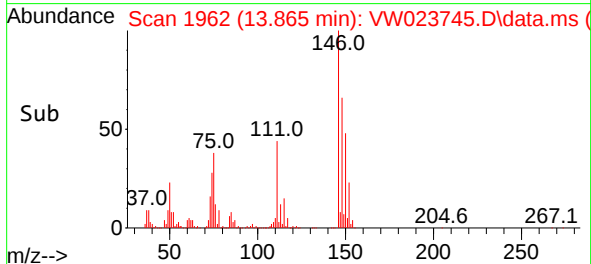
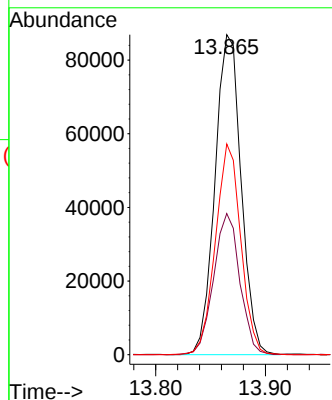
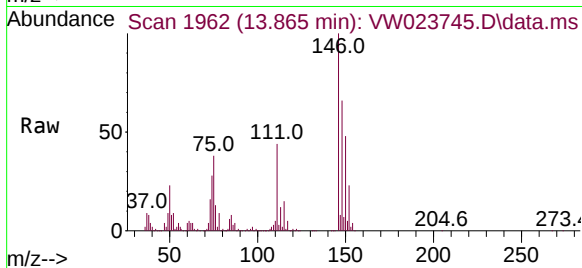
Tgt Ion:146 Resp: 144024

Ion Ratio Lower Upper

146 100

111 44.1 35.9 53.9

148 65.9 51.3 76.9



#68

1,2-Dibromo-3-chloropropane

Concen: 22.482 ug/L

RT: 14.480 min Scan# 2063

Delta R.T. -0.001 min

Lab File: VW023745.D

Acq: 15 Jul 2022 15:01

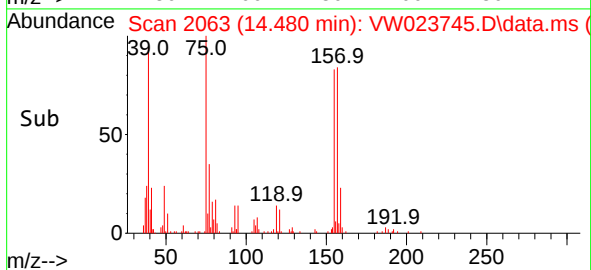
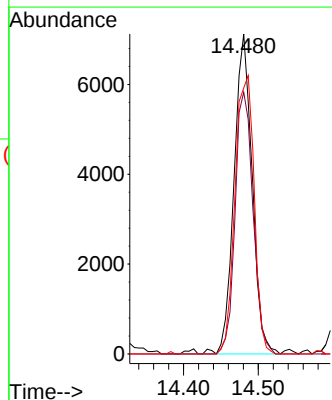
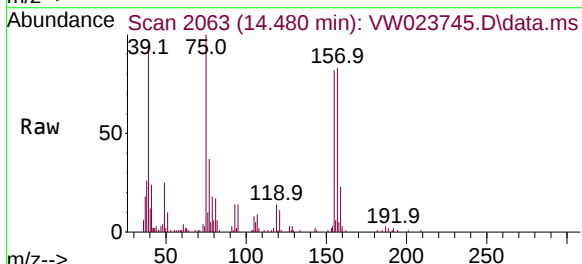
Tgt Ion: 75 Resp: 12050

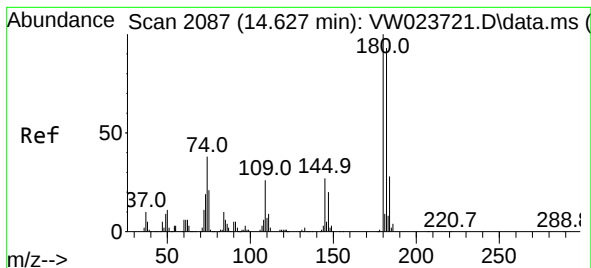
Ion Ratio Lower Upper

75 100

155 81.8 51.7 77.5#

157 83.1 63.5 95.3





#69

1,3,5-Trichlorobenzene

Concen: 21.315 ug/L

RT: 14.627 min Scan# 2087

Delta R.T. -0.001 min

Lab File: VW023745.D

Acq: 15 Jul 2022 15:01

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:180 Resp: 91192

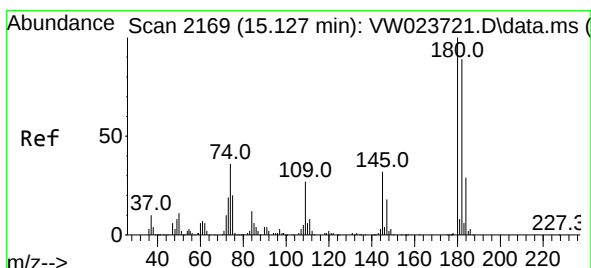
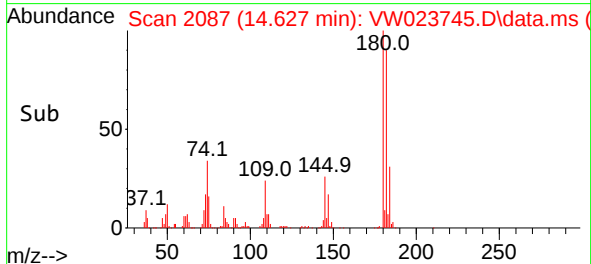
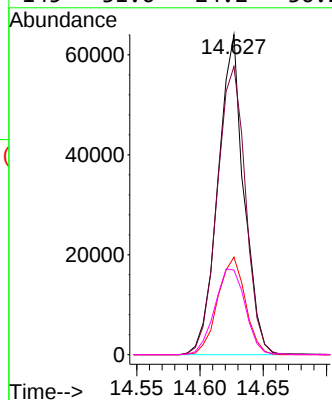
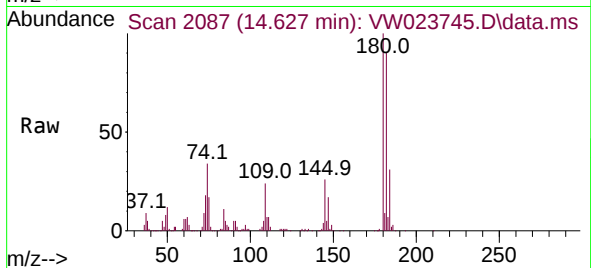
Ion Ratio Lower Upper

180 100

182 98.6 70.2 105.2

184 32.4 22.6 34.0

145 31.6 24.2 36.2



#70

1,2,4-trichlorobenzene

Concen: 21.906 ug/L

RT: 15.127 min Scan# 2169

Delta R.T. -0.001 min

Lab File: VW023745.D

Acq: 15 Jul 2022 15:01

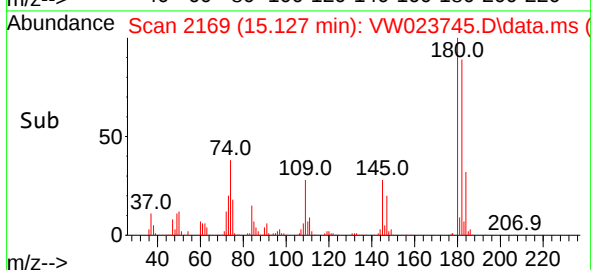
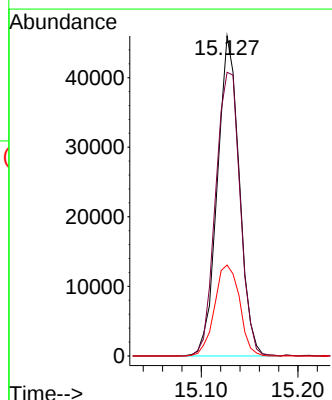
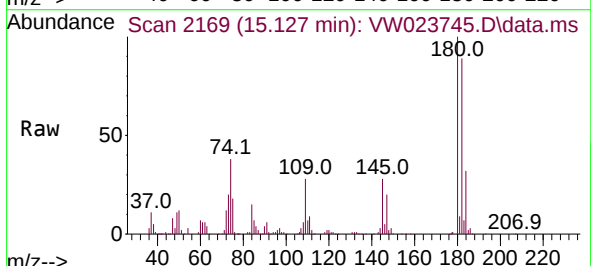
Tgt Ion:180 Resp: 72369

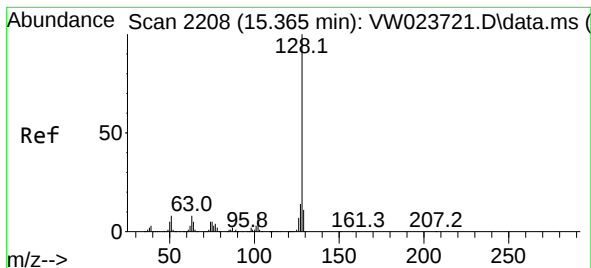
Ion Ratio Lower Upper

180 100

182 99.0 77.5 116.3

145 32.4 26.3 39.5





#71

Naphthalene

Concen: 24.095 ug/L

RT: 15.364 min Scan# 21

Delta R.T. -0.001 min

Lab File: VW023745.D

Acq: 15 Jul 2022 15:01

Instrument :

MSVOA_W

ClientSampleId :

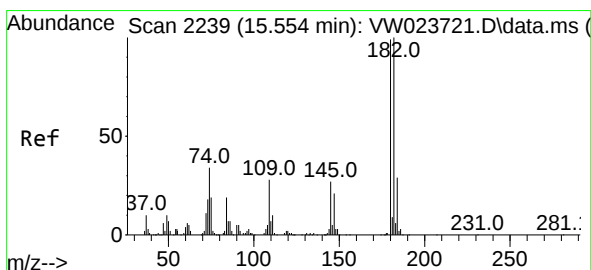
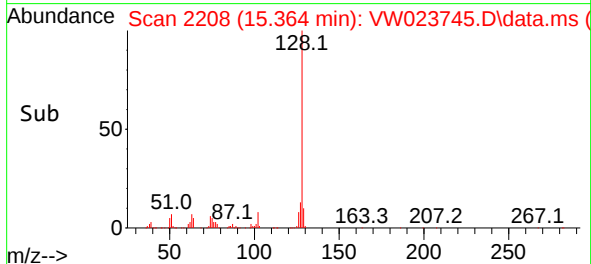
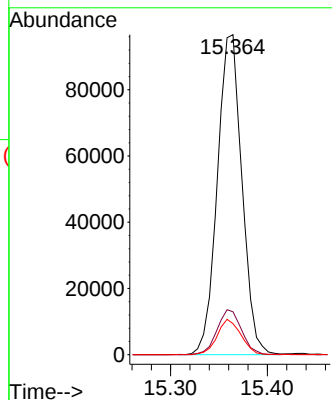
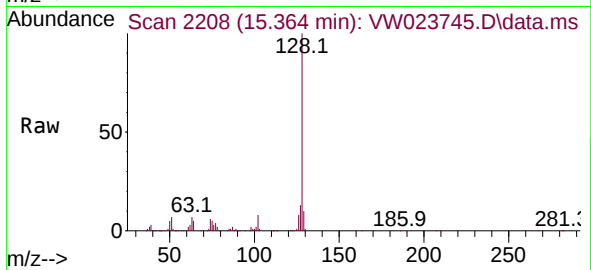
Tgt Ion:128 Resp: 170751

Ion Ratio Lower Upper

128 100

127 14.0 11.0 16.4

129 10.7 9.0 13.4



#72

1,2,3-Trichlorobenzene

Concen: 24.726 ug/L

RT: 15.553 min Scan# 2239

Delta R.T. -0.001 min

Lab File: VW023745.D

Acq: 15 Jul 2022 15:01

Tgt Ion:180 Resp: 76137

Ion Ratio Lower Upper

180 100

182 89.0 76.3 114.5

145 30.2 27.8 41.6

