

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW050322\
 Data File : VW022761.D
 Acq On : 03 May 2022 10:12
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: May 04 01:18:15 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050222SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue May 03 01:41:22 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.835	114	311469	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	306777	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	167902	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	143153	22.402	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.600%
7) Chloroethane-d5	2.885	69	95671	23.012	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.040%
11) 1,1-Dichloroethene-d2	4.019	63	182407	22.091	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	88.360%
21) 2-Butanone-d5	7.074	46	48444	39.872	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	79.740%
24) Chloroform-d	7.647	84	217902	23.879	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	95.520%
26) 1,2-Dichloroethane-d4	8.305	65	116193	23.216	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	92.880%
32) Benzene-d6	8.274	84	415719	23.510	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	94.040%
36) 1,2-Dichloropropane-d6	9.268	67	118589	23.875	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	95.520%
41) Toluene-d8	10.323	98	398834	23.349	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	93.400%
43) trans-1,3-Dichloroprop...	10.573	79	51614	22.568	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	90.280%
47) 2-Hexanone-d5	10.920	63	39731	41.901	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	83.800%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	106430	22.989	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	91.960%
66) 1,2-Dichlorobenzene-d4	13.847	152	138534	23.603	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	94.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.007	85	30669	18.063	ug/L	99
3) Chloromethane	2.221	50	67924	20.702	ug/L	100
5) Vinyl chloride	2.361	62	145982	22.170	ug/L	99
6) Bromomethane	2.775	94	89317	21.126	ug/L	94
8) Chloroethane	2.922	64	68877	21.687	ug/L	98
9) Trichlorofluoromethane	3.257	101	65515	21.769	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	98589	21.908	ug/L #	72
12) 1,1-Dichloroethene	4.037	96	87384	21.905	ug/L	95
13) Acetone	4.129	43	29340	32.254	ug/L	98
14) Carbon disulfide	4.379	76	225846	20.650	ug/L	99
15) Methyl Acetate	4.671	43	38124	20.862	ug/L	94
16) Methylene chloride	4.909	84	100056	21.954	ug/L	95
17) trans-1,2-Dichloroethene	5.421	96	97746	21.773	ug/L	99
18) Methyl tert-butyl Ether	5.421	73	147461	21.517	ug/L	99
19) 1,1-Dichloroethane	6.214	63	173715	22.832	ug/L	96
20) cis-1,2-Dichloroethene	7.165	96	106662	22.121	ug/L #	91
22) 2-Butanone	7.171	43	46779	36.772	ug/L	96
23) Bromochloromethane	7.512	128	50161	22.213	ug/L	91
25) Chloroform	7.677	83	196729	23.384	ug/L	99

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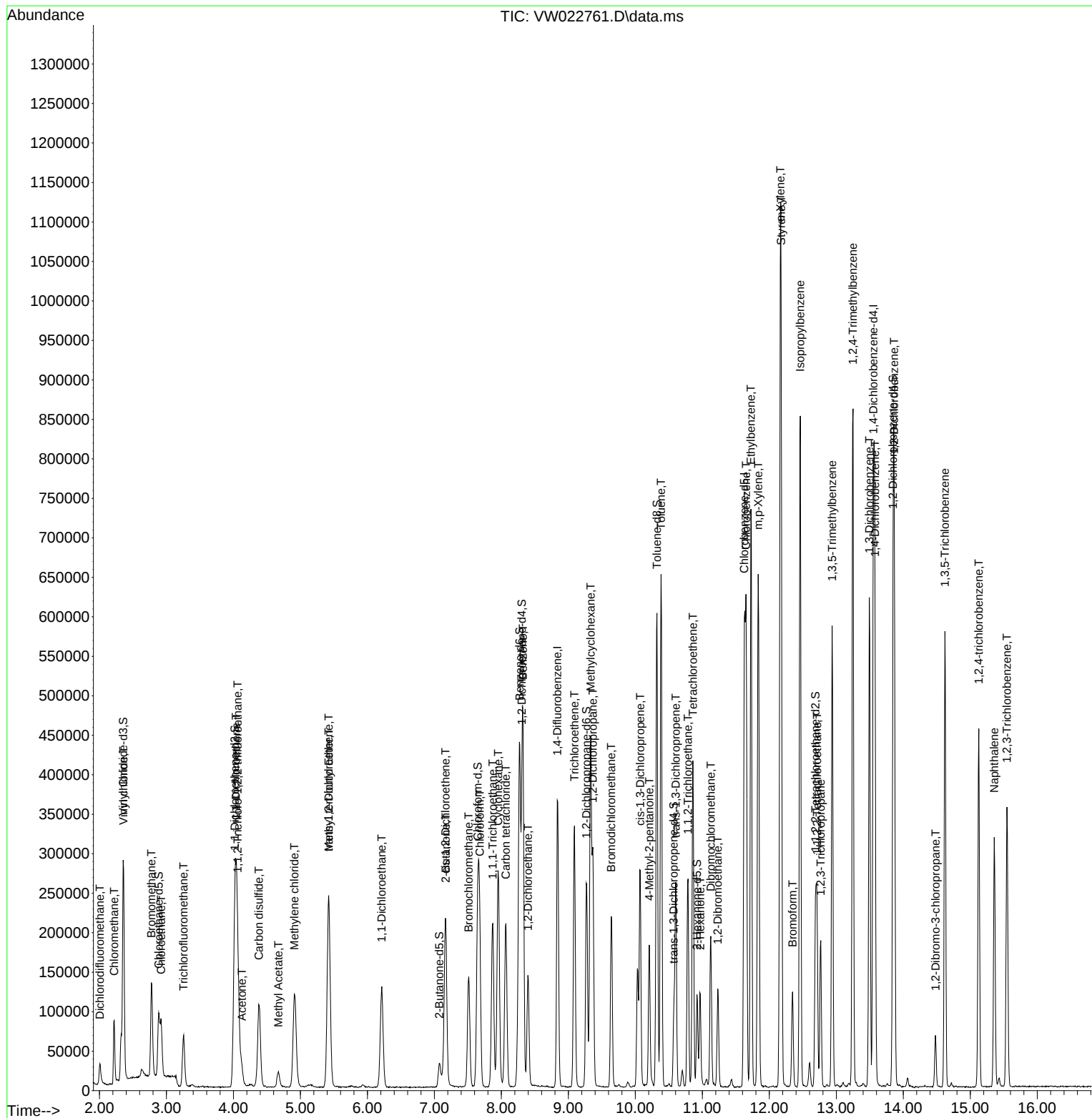
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.396	62	126067	22.479	ug/L	99
29) Cyclohexane	7.951	56	147276	22.198	ug/L	99
30) 1,1,1-Trichloroethane	7.872	97	166248	22.932	ug/L	99
31) Carbon tetrachloride	8.067	117	152046	22.420	ug/L	100
33) Benzene	8.323	78	411346	22.761	ug/L	100
34) Trichloroethene	9.091	95	111505	22.435	ug/L	96
35) Methylcyclohexane	9.335	83	181618	22.244	ug/L	99
37) 1,2-Dichloropropane	9.366	63	98428	22.506	ug/L	99
38) Bromodichloromethane	9.640	83	142292	22.906	ug/L	97
39) cis-1,3-Dichloropropene	10.073	75	156565	23.088	ug/L	97
40) 4-Methyl-2-pentanone	10.207	43	109520	39.730	ug/L	98
42) Toluene	10.384	91	467500	23.082	ug/L	96
44) trans-1,3-Dichloropropene	10.603	75	137993	22.798	ug/L	97
45) 1,1,2-Trichloroethane	10.786	97	81629	22.327	ug/L	99
46) Tetrachloroethene	10.859	164	85457	22.880	ug/L	86
48) 2-Hexanone	10.969	43	75782	41.145	ug/L	97
49) Dibromochloromethane	11.128	129	98129	22.301	ug/L	100
50) 1,2-Dibromoethane	11.231	107	80169	21.838	ug/L	96
51) Chlorobenzene	11.652	112	305660	22.892	ug/L	96
52) Ethylbenzene	11.725	91	522865	23.205	ug/L	98
53) m,p-Xylene	11.835	106	208306	23.462	ug/L	98
54) o-Xylene	12.164	106	198660	23.317	ug/L	97
55) Styrene	12.176	104	351952	24.311	ug/L	95
57) 1,1,2,2-Tetrachloroethane	12.713	83	99890	21.875	ug/L	99
59) Bromoform	12.347	173	50617	21.272	ug/L	99
60) Isopropylbenzene	12.463	105	550683	23.941	ug/L	100
61) 1,2,3-Trichloropropane	12.768	75	71982	21.456	ug/L	98
62) 1,3,5-Trimethylbenzene	12.938	105	302688	23.653	ug/L	100
63) 1,2,4-Trimethylbenzene	13.249	105	468510	24.383	ug/L	97
64) 1,3-Dichlorobenzene	13.493	146	237915	23.167	ug/L	92
65) 1,4-Dichlorobenzene	13.578	146	241972	22.811	ug/L	92
67) 1,2-Dichlorobenzene	13.865	146	213643	22.734	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.481	75	14712	20.065	ug/L	89
69) 1,3,5-Trichlorobenzene	14.621	180	157672	23.130	ug/L	98
70) 1,2,4-trichlorobenzene	15.127	180	130950	23.880	ug/L	98
71) Naphthalene	15.359	128	261891	21.974	ug/L	100
72) 1,2,3-Trichlorobenzene	15.548	180	108241	22.271	ug/L	96

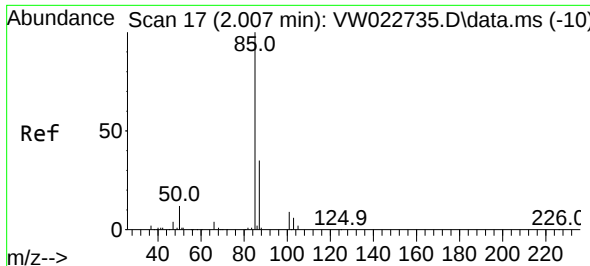
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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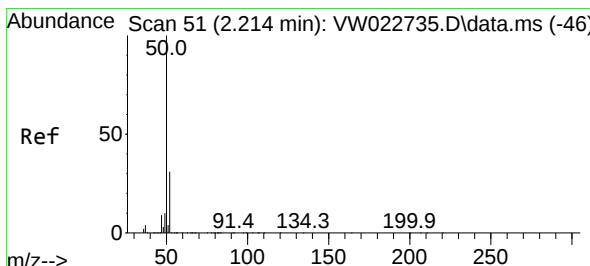
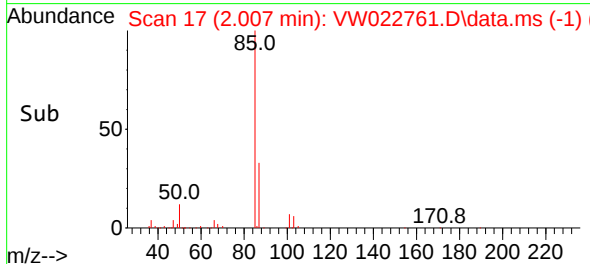
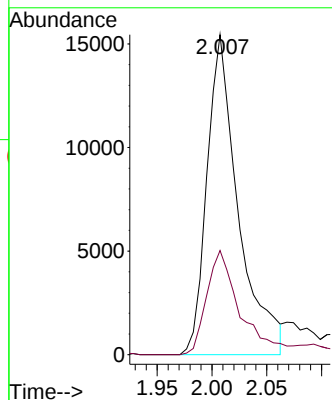
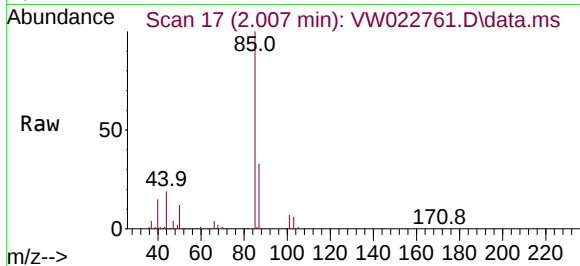




#2
 Dichlorodifluoromethane
 Concen: 18.063 ug/L
 RT: 2.007 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VW022761.D
 Acq: 03 May 2022 10:12

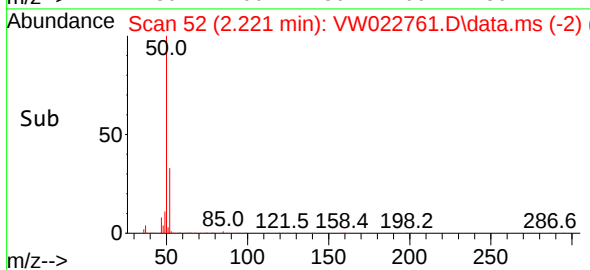
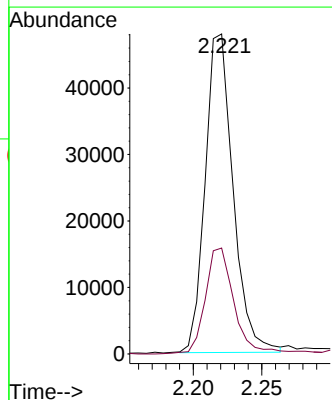
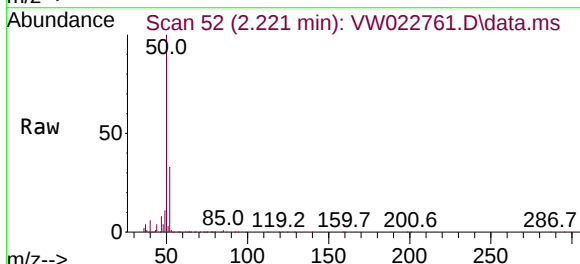
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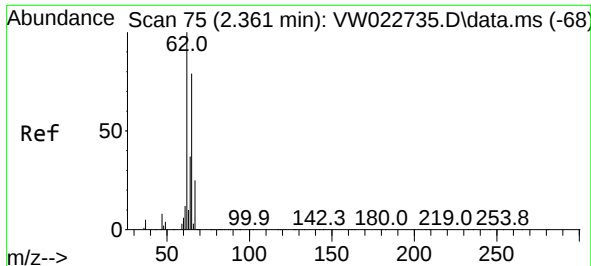
Tgt Ion: 85 Resp: 30669
 Ion Ratio Lower Upper
 85 100
 87 34.5 27.8 41.8



#3
 Chloromethane
 Concen: 20.702 ug/L
 RT: 2.221 min Scan# 52
 Delta R.T. 0.006 min
 Lab File: VW022761.D
 Acq: 03 May 2022 10:12

Tgt Ion: 50 Resp: 67924
 Ion Ratio Lower Upper
 50 100
 52 33.1 23.1 42.9

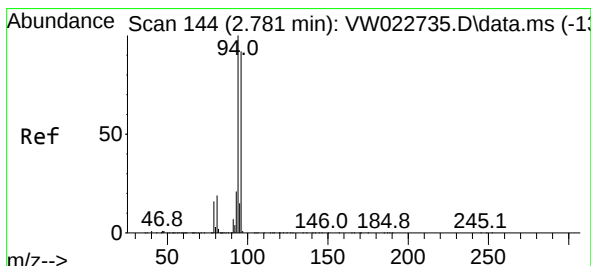
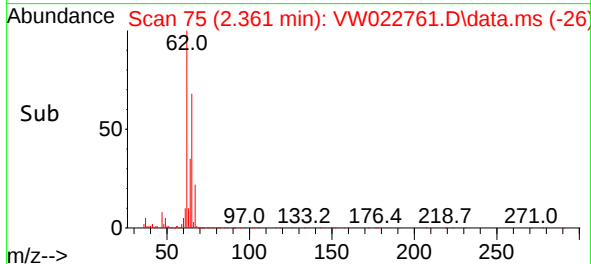
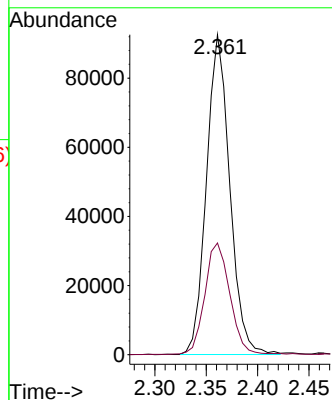
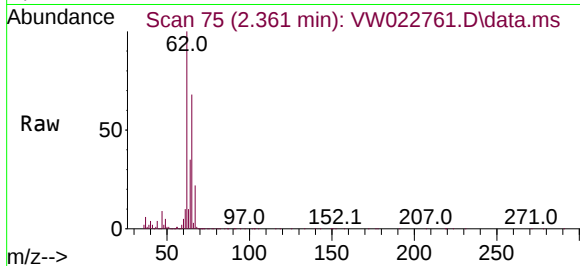




#5
 Vinyl chloride
 Concen: 22.170 ug/L
 RT: 2.361 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VW022761.D
 Acq: 03 May 2022 10:12

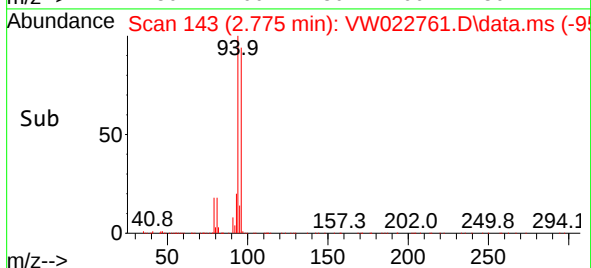
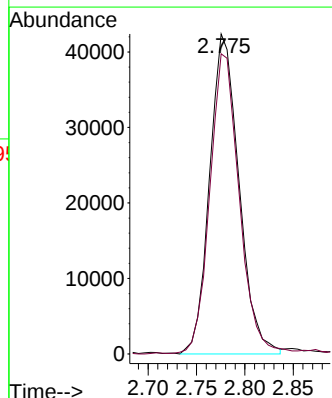
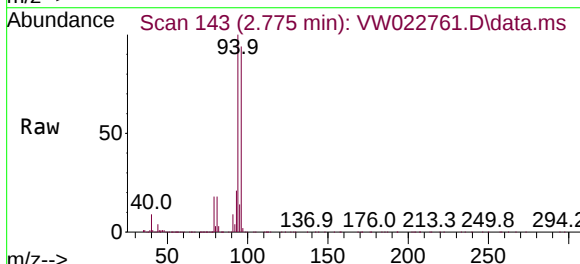
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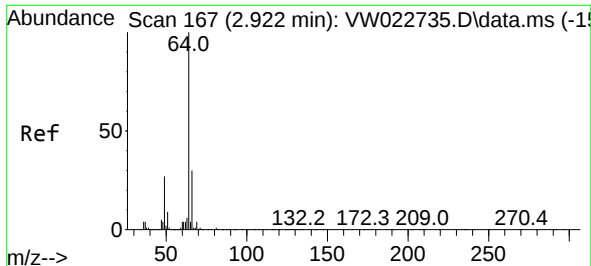
Tgt Ion: 62 Resp: 145982
 Ion Ratio Lower Upper
 62 100
 64 34.9 24.9 46.3



#6
 Bromomethane
 Concen: 21.126 ug/L
 RT: 2.775 min Scan# 143
 Delta R.T. -0.006 min
 Lab File: VW022761.D
 Acq: 03 May 2022 10:12

Tgt Ion: 94 Resp: 89317
 Ion Ratio Lower Upper
 94 100
 96 93.8 61.7 114.5

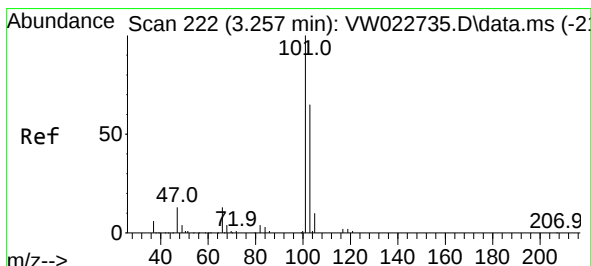
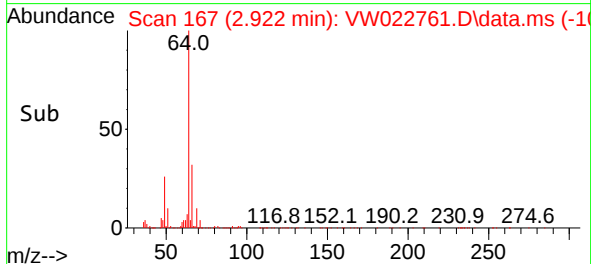
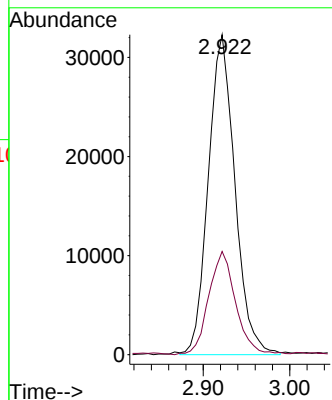
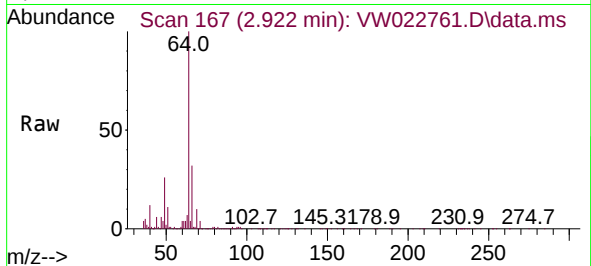




#8
Chloroethane
Concen: 21.687 ug/L
RT: 2.922 min Scan# 167
Delta R.T. 0.000 min
Lab File: VW022761.D
Acq: 03 May 2022 10:12

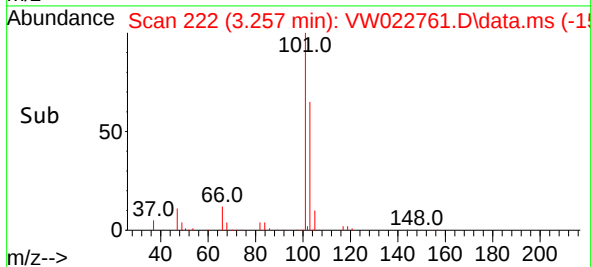
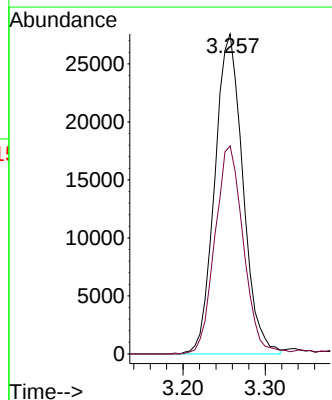
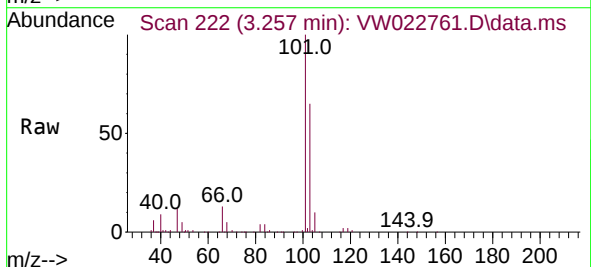
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MSVOA_W
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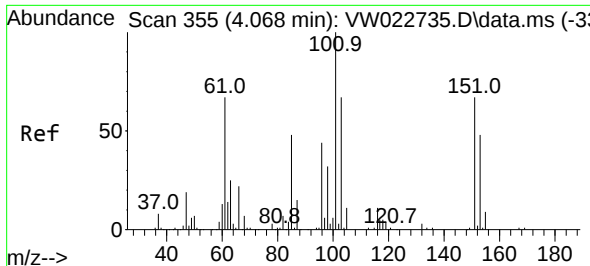
Tgt Ion: 64 Resp: 68877
Ion Ratio Lower Upper
64 100
66 32.2 23.4 43.6



#9
Trichlorofluoromethane
Concen: 21.769 ug/L
RT: 3.257 min Scan# 222
Delta R.T. 0.000 min
Lab File: VW022761.D
Acq: 03 May 2022 10:12

Tgt Ion: 101 Resp: 65515
Ion Ratio Lower Upper
101 100
103 65.9 53.9 80.9

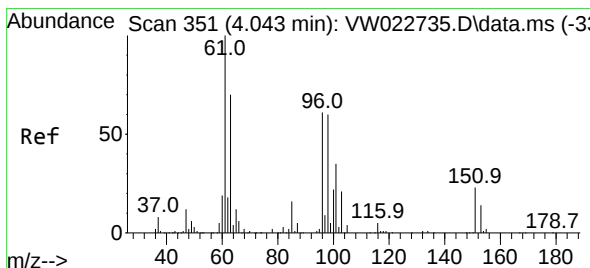
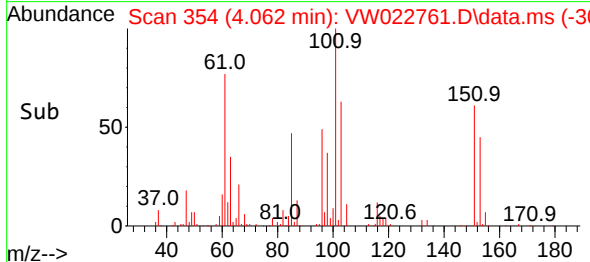
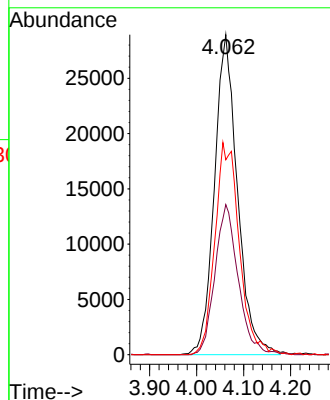
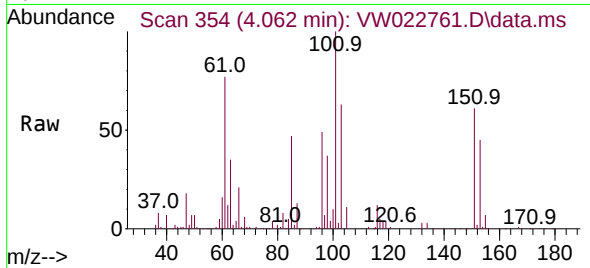




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 21.908 ug/L
 RT: 4.062 min Scan# 31
 Delta R.T. -0.006 min
 Lab File: VW022761.D
 Acq: 03 May 2022 10:12

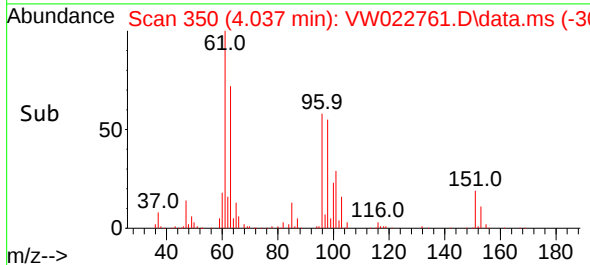
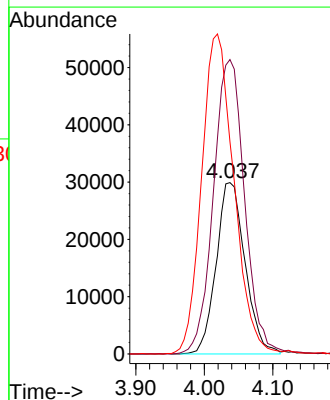
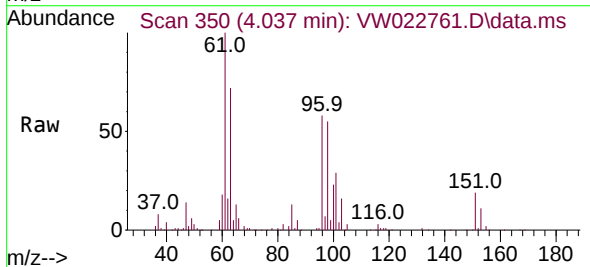
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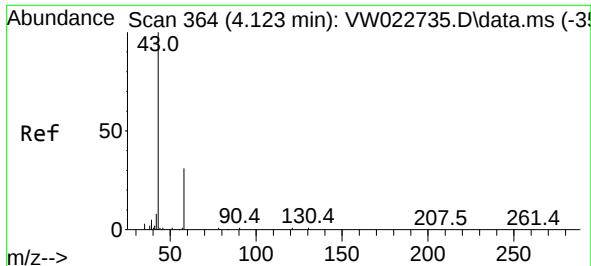
Tgt Ion:101 Resp: 98589
 Ion Ratio Lower Upper
 101 100
 85 46.9 34.3 51.5
 151 34.1 54.2 81.2#



#12
 1,1-Dichloroethene
 Concen: 21.905 ug/L
 RT: 4.037 min Scan# 350
 Delta R.T. -0.006 min
 Lab File: VW022761.D
 Acq: 03 May 2022 10:12

Tgt Ion: 96 Resp: 87384
 Ion Ratio Lower Upper
 96 100
 61 171.7 125.7 233.5
 63 123.7 83.4 155.0

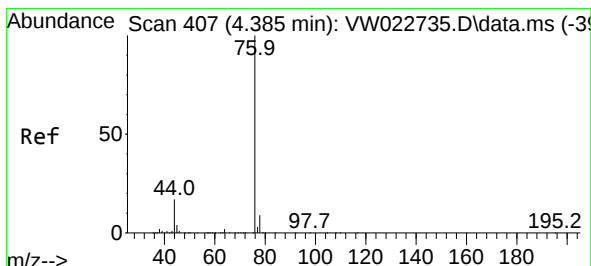
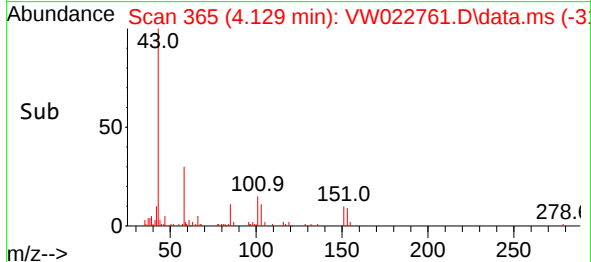
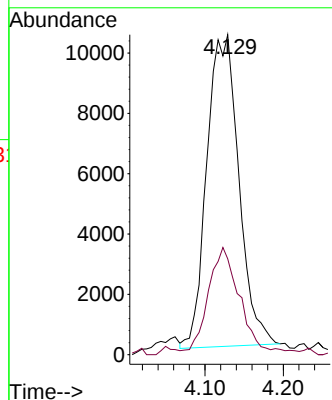
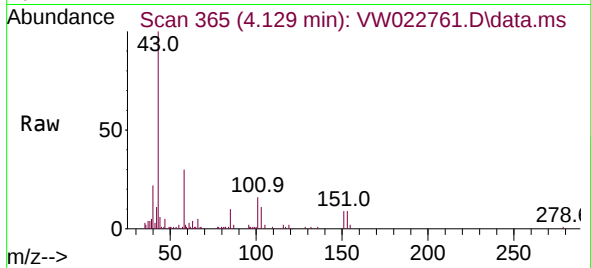




#13
Acetone
Concen: 32.254 ug/L
RT: 4.129 min Scan# 364
Delta R.T. 0.006 min
Lab File: VW022761.D
Acq: 03 May 2022 10:12

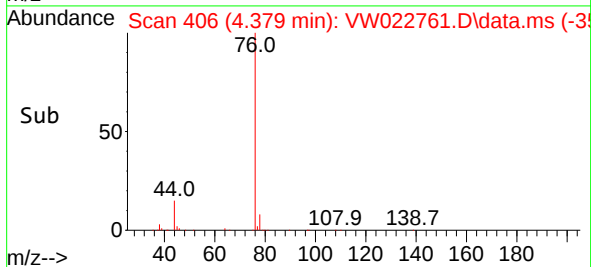
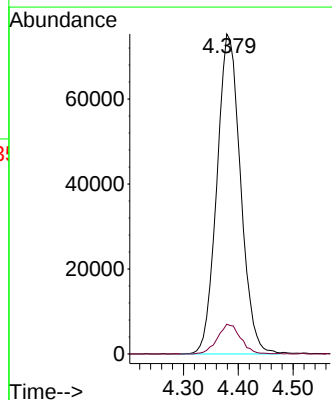
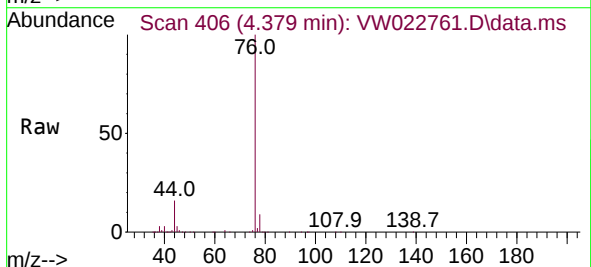
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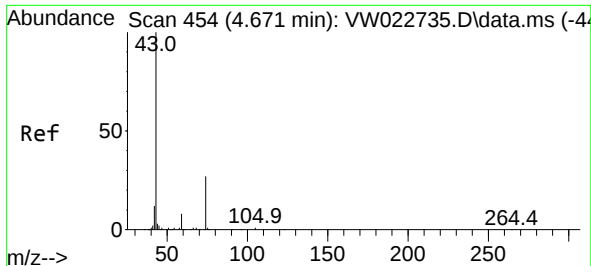
Tgt Ion: 43 Resp: 29340
Ion Ratio Lower Upper
43 100
58 30.7 0.0 64.0



#14
Carbon disulfide
Concen: 20.650 ug/L
RT: 4.379 min Scan# 406
Delta R.T. -0.006 min
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Tgt Ion: 76 Resp: 225846
Ion Ratio Lower Upper
76 100
78 9.3 7.7 11.5

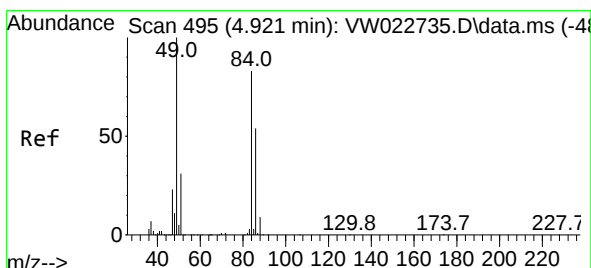
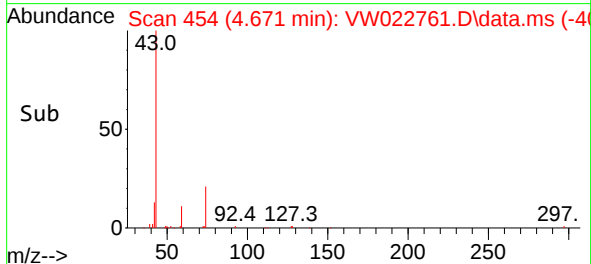
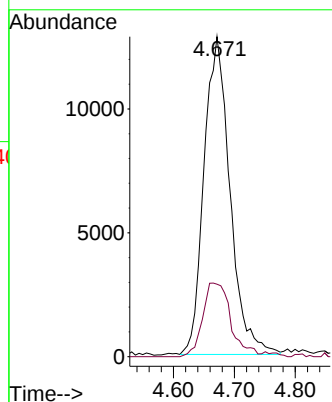
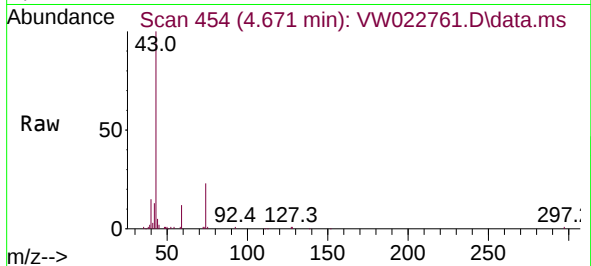




#15
Methyl Acetate
Concen: 20.862 ug/L
RT: 4.671 min Scan# 41
Delta R.T. 0.000 min
Lab File: VW022761.D
Acq: 03 May 2022 10:12

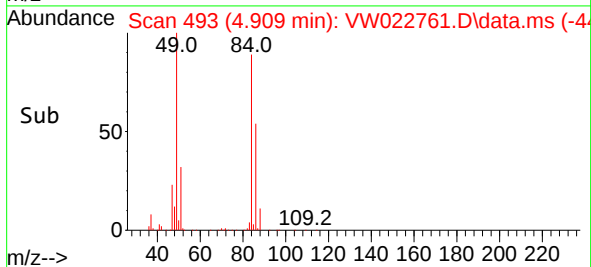
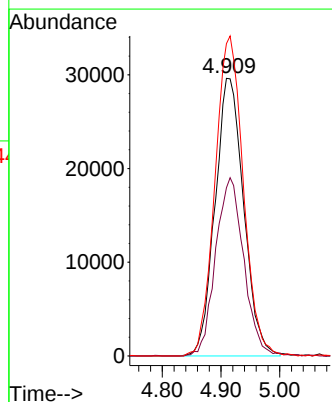
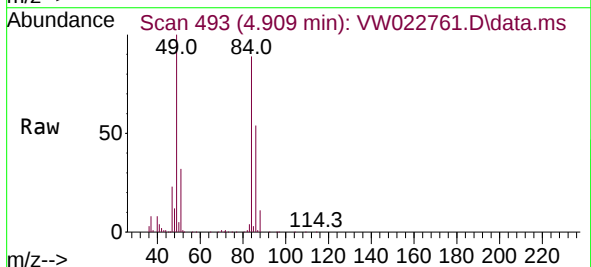
Instrument :
MSVOA_W
ClientSampleId :

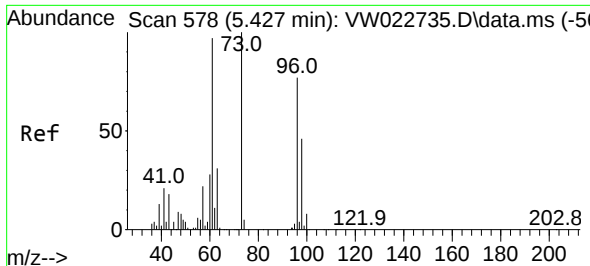
Tgt Ion: 43 Resp: 38124
Ion Ratio Lower Upper
43 100
74 24.1 21.9 32.9



#16
Methylene chloride
Concen: 21.954 ug/L
RT: 4.909 min Scan# 493
Delta R.T. -0.012 min
Lab File: VW022761.D
Acq: 03 May 2022 10:12

Tgt Ion: 84 Resp: 100056
Ion Ratio Lower Upper
84 100
86 60.6 45.4 84.4
49 112.5 82.5 153.1

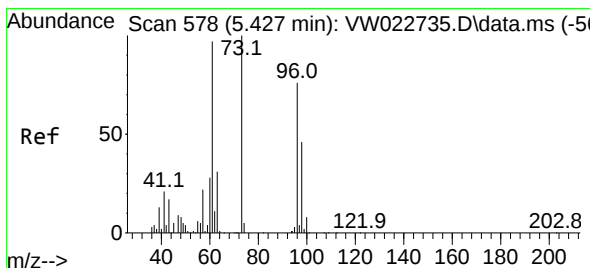
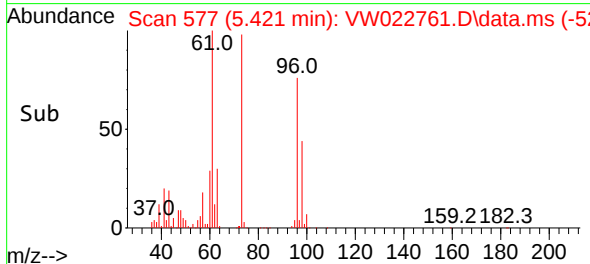
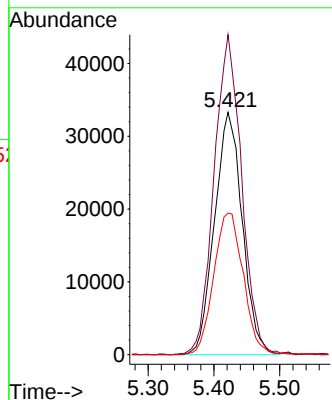
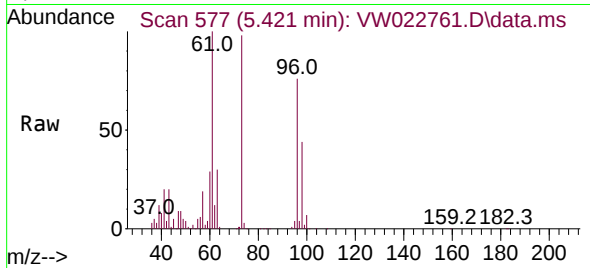




#17
trans-1,2-Dichloroethene
Concen: 21.773 ug/L
RT: 5.421 min Scan# 577
Delta R.T. -0.006 min
Lab File: VW022761.D
Acq: 03 May 2022 10:12

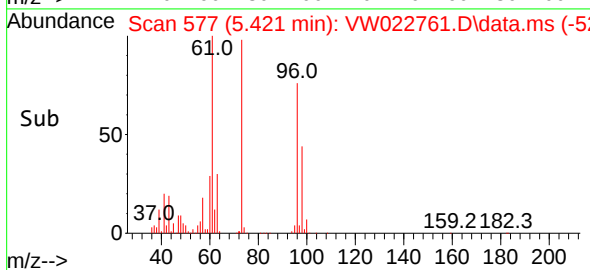
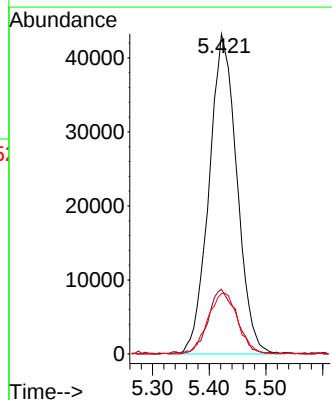
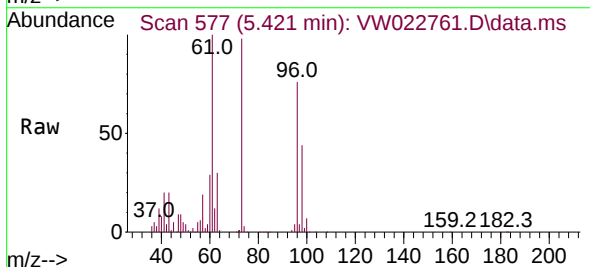
Instrument :
MSVOA_W
ClientSampleId :

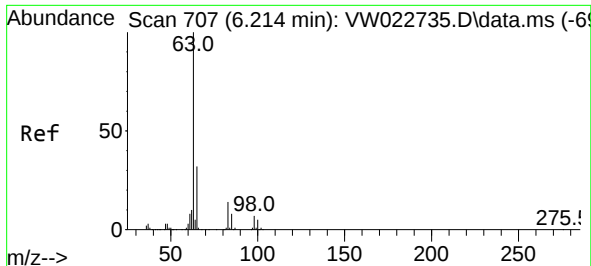
Tgt Ion: 96 Resp: 97746
Ion Ratio Lower Upper
96 100
61 132.0 92.2 171.2
98 58.3 42.9 79.7



#18
Methyl tert-butyl Ether
Concen: 21.517 ug/L
RT: 5.421 min Scan# 577
Delta R.T. -0.006 min
Lab File: VW022761.D
Acq: 03 May 2022 10:12

Tgt Ion: 73 Resp: 147461
Ion Ratio Lower Upper
73 100
43 20.4 15.9 23.9
57 20.5 16.5 24.7





#19

1,1-Dichloroethane

Concen: 22.832 ug/L

RT: 6.214 min Scan# 707

Delta R.T. 0.000 min

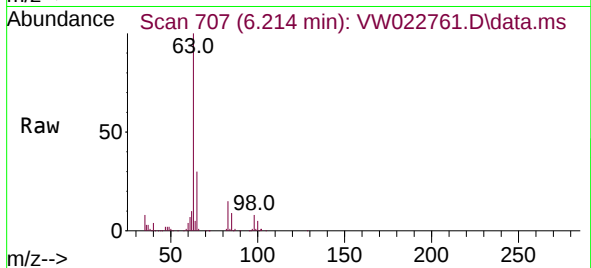
Lab File: VW022761.D

Acq: 03 May 2022 10:12

Instrument :

MSVOA_W

ClientSampleId :



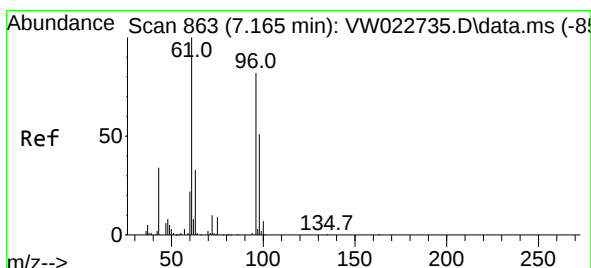
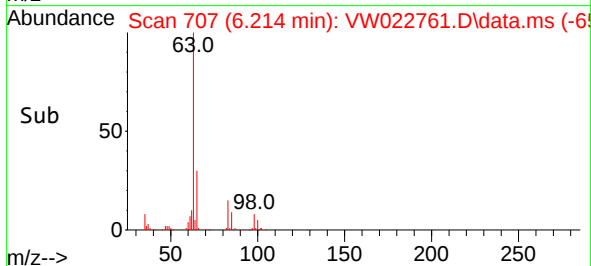
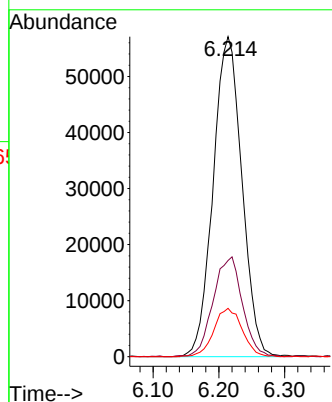
Tgt Ion: 63 Resp: 173715

Ion Ratio Lower Upper

63 100

65 30.1 23.3 43.3

83 15.1 11.1 20.5



#20

cis-1,2-Dichloroethene

Concen: 22.121 ug/L

RT: 7.165 min Scan# 863

Delta R.T. 0.000 min

Lab File: VW022761.D

Acq: 03 May 2022 10:12

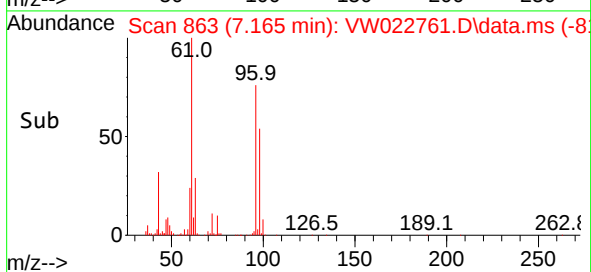
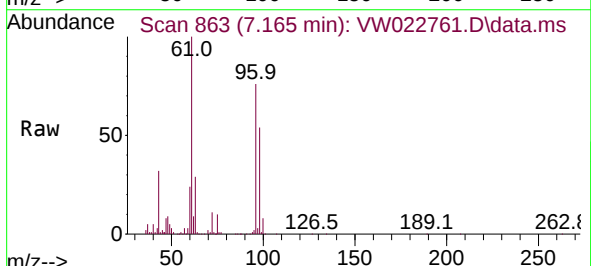
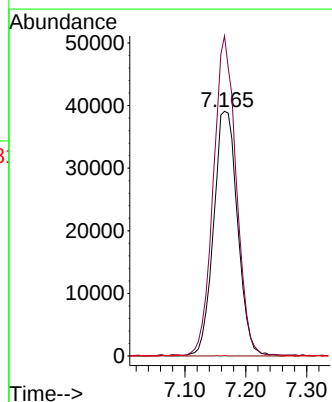
Tgt Ion: 96 Resp: 106662

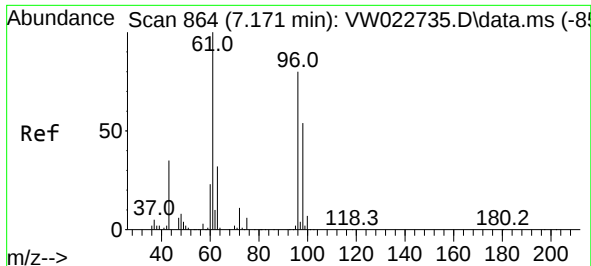
Ion Ratio Lower Upper

96 100

61 130.8 84.2 156.4

68 0.1 0.1 0.1#

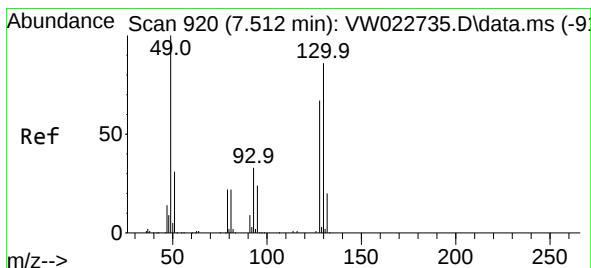
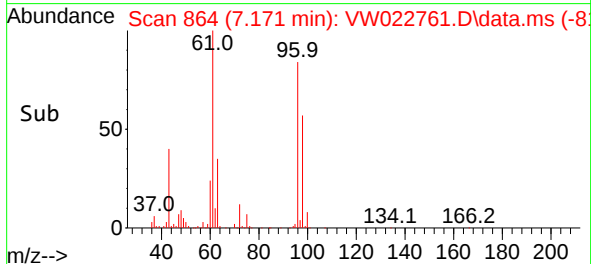
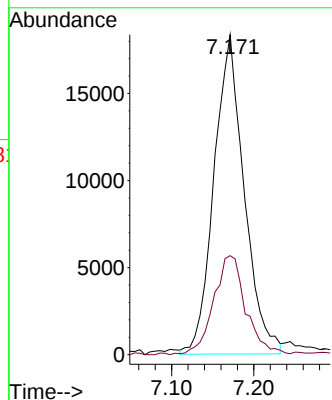
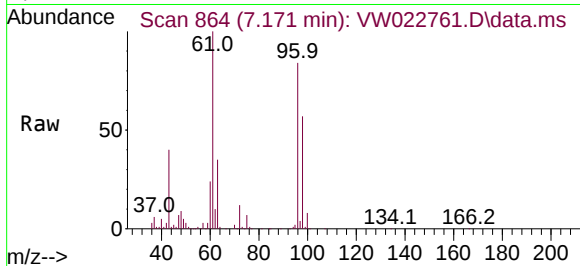




#22
2-Butanone
Concen: 36.772 ug/L
RT: 7.171 min Scan# 864
Delta R.T. 0.000 min
Lab File: VW022761.D
Acq: 03 May 2022 10:12

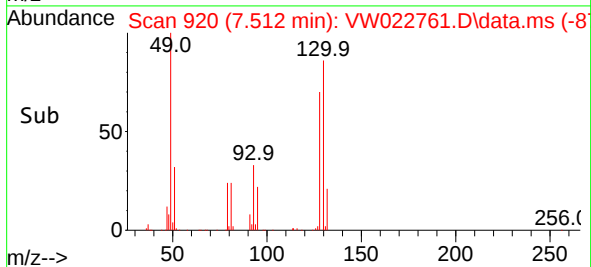
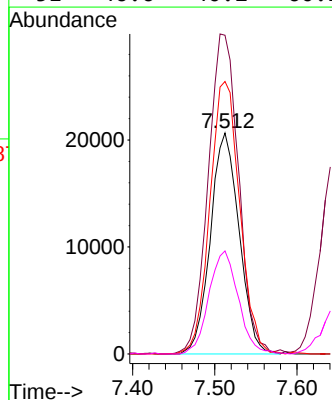
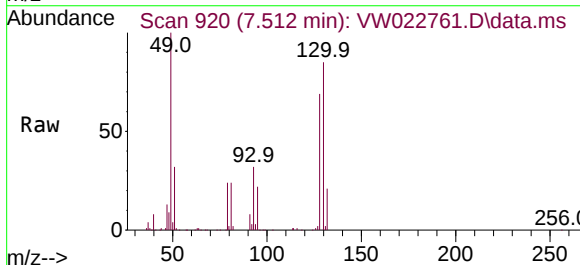
Instrument :
MSVOA_W
ClientSampleId :

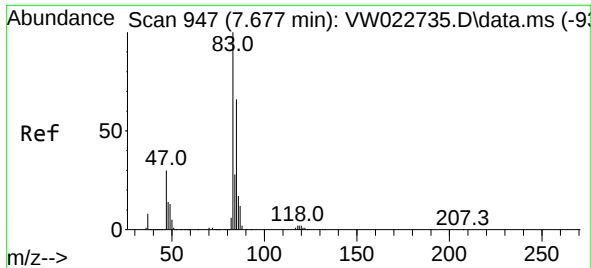
Tgt Ion: 43 Resp: 46779
Ion Ratio Lower Upper
43 100
72 32.6 15.1 45.3



#23
Bromochloromethane
Concen: 22.213 ug/L
RT: 7.512 min Scan# 920
Delta R.T. 0.000 min
Lab File: VW022761.D
Acq: 03 May 2022 10:12

Tgt Ion: 128 Resp: 50161
Ion Ratio Lower Upper
128 100
49 144.2 110.0 204.4
130 123.3 94.8 176.0
51 46.6 40.2 60.2

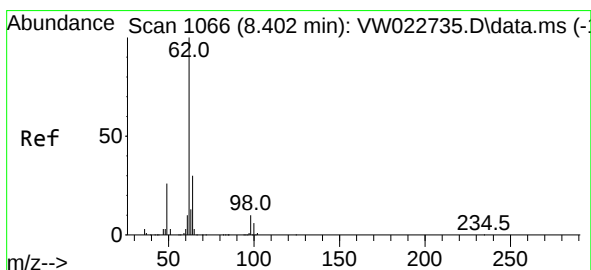
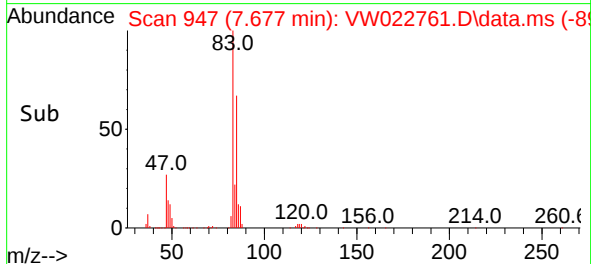
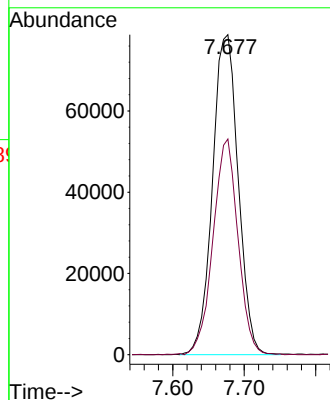
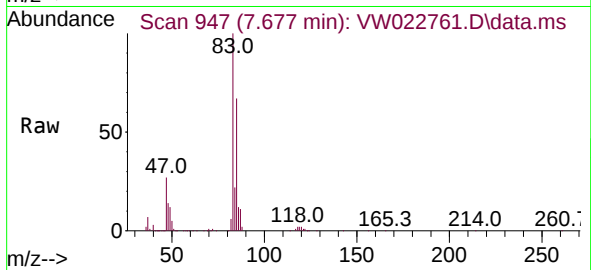




#25
Chloroform
Concen: 23.384 ug/L
RT: 7.677 min Scan# 947
Delta R.T. 0.000 min
Lab File: VW022761.D
Acq: 03 May 2022 10:12

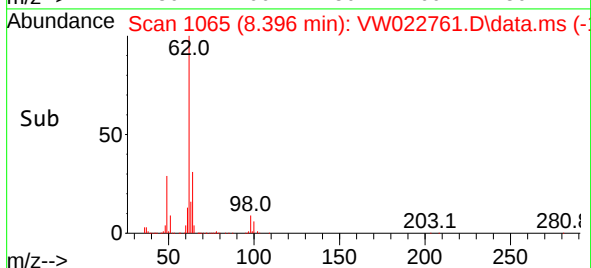
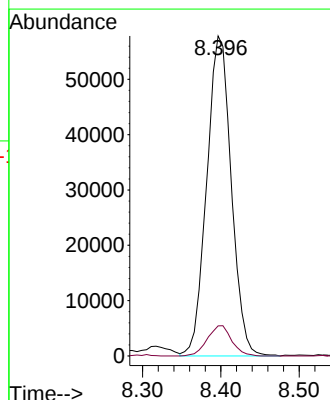
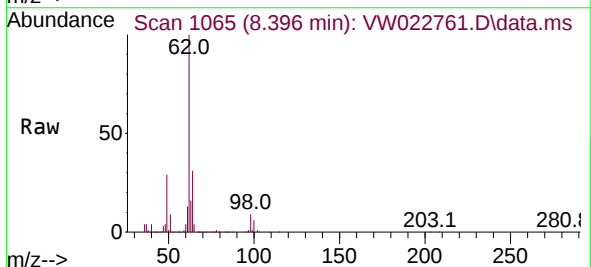
Instrument :
MSVOA_W
ClientSampleId :

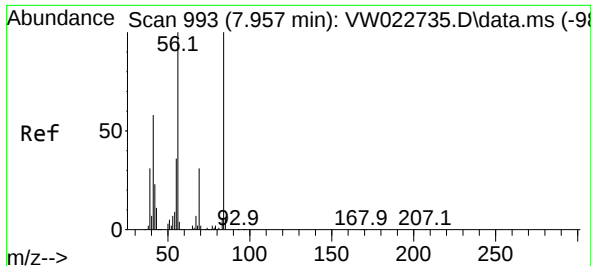
Tgt Ion: 83 Resp: 196729
Ion Ratio Lower Upper
83 100
85 67.4 46.6 86.6



#27
1,2-Dichloroethane
Concen: 22.479 ug/L
RT: 8.396 min Scan# 1065
Delta R.T. -0.006 min
Lab File: VW022761.D
Acq: 03 May 2022 10:12

Tgt Ion: 62 Resp: 126067
Ion Ratio Lower Upper
62 100
98 9.4 7.2 10.8





#29

Cyclohexane

Concen: 22.198 ug/L

RT: 7.951 min Scan# 993

Delta R.T. -0.006 min

Lab File: VW022761.D

Acq: 03 May 2022 10:12

Instrument :

MSVOA_W

ClientSampleId :

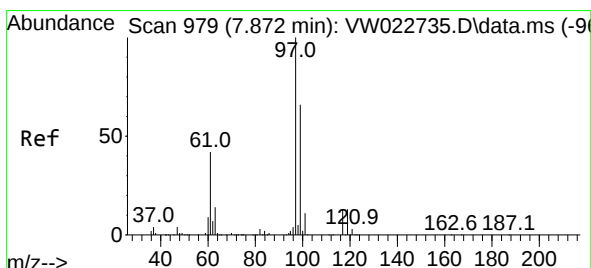
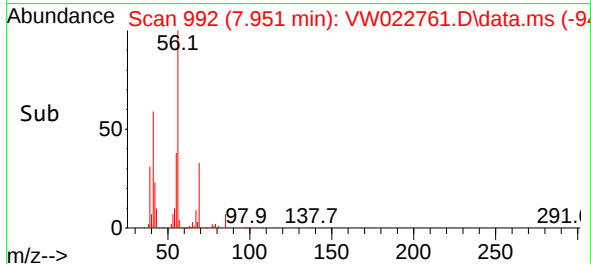
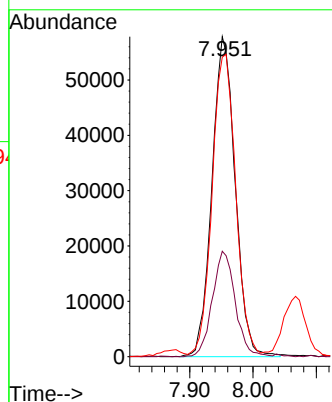
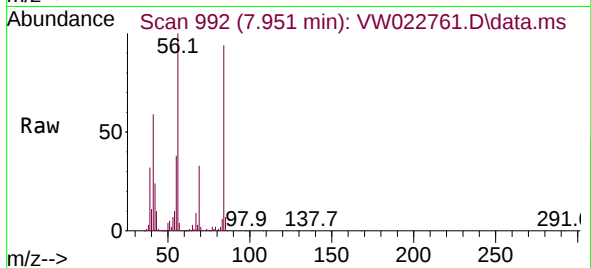
Tgt Ion: 56 Resp: 147276

Ion Ratio Lower Upper

56 100

69 32.4 25.6 38.4

84 96.2 78.2 117.4



#30

1,1,1-Trichloroethane

Concen: 22.932 ug/L

RT: 7.872 min Scan# 979

Delta R.T. 0.000 min

Lab File: VW022761.D

Acq: 03 May 2022 10:12

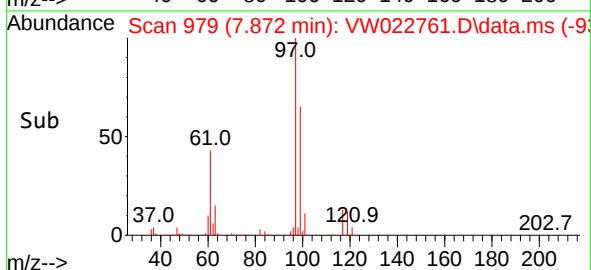
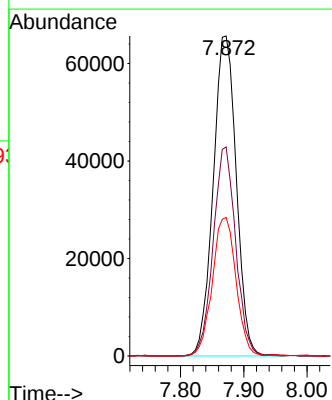
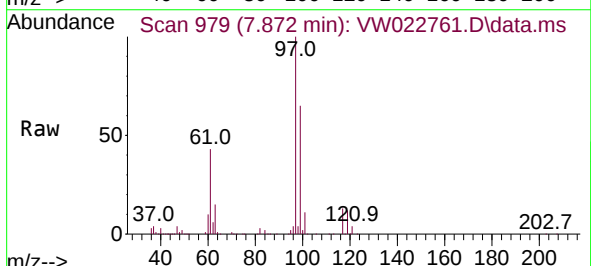
Tgt Ion: 97 Resp: 166248

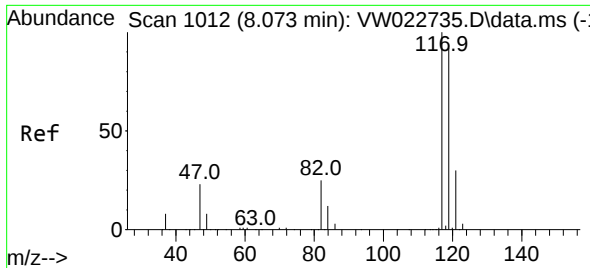
Ion Ratio Lower Upper

97 100

99 63.5 51.0 76.4

61 44.4 34.8 52.2

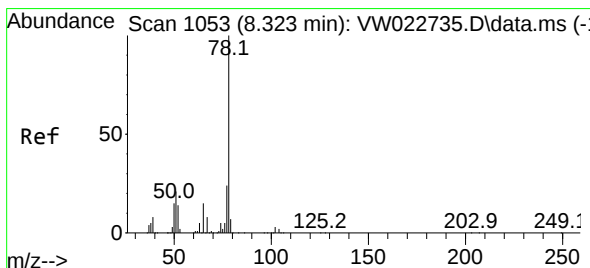
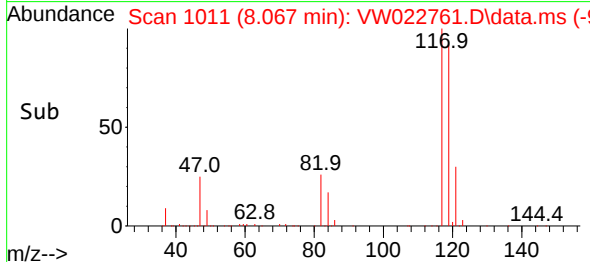
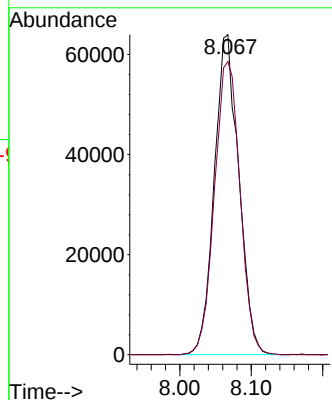
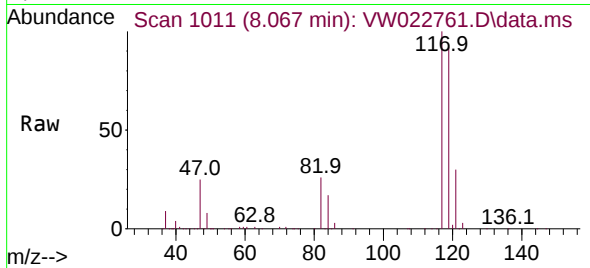




#31
Carbon tetrachloride
Concen: 22.420 ug/L
RT: 8.067 min Scan# 1012
Delta R.T. -0.006 min
Lab File: VW022761.D
Acq: 03 May 2022 10:12

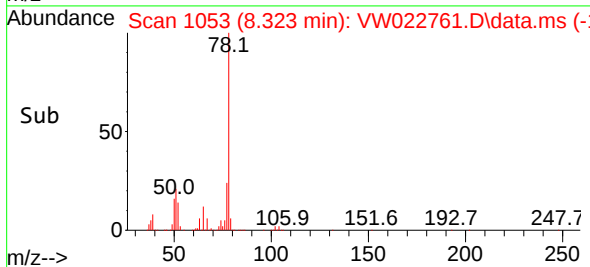
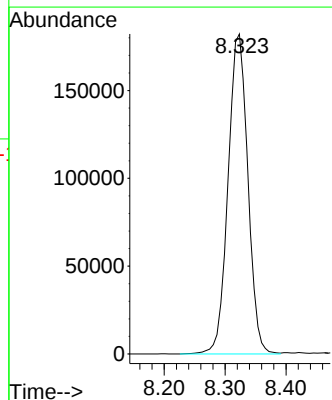
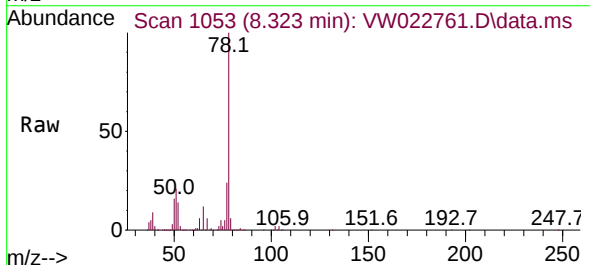
Instrument :
MSVOA_W
ClientSampleId :

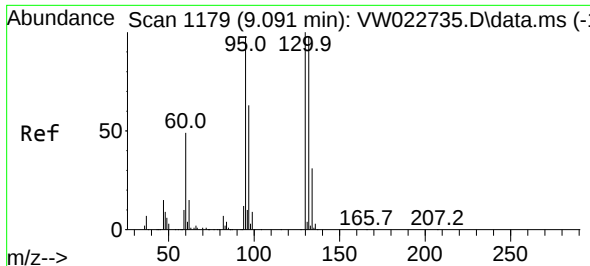
Tgt Ion:117 Resp: 152046
Ion Ratio Lower Upper
117 100
119 95.6 76.6 115.0



#33
Benzene
Concen: 22.761 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VW022761.D
Acq: 03 May 2022 10:12

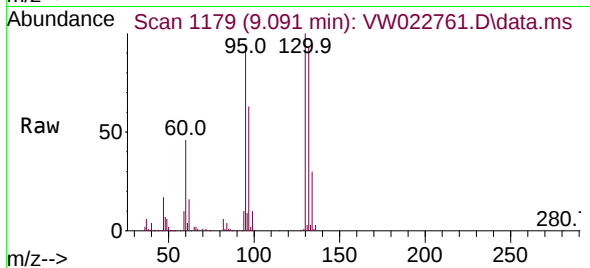
Tgt Ion: 78 Resp: 411346



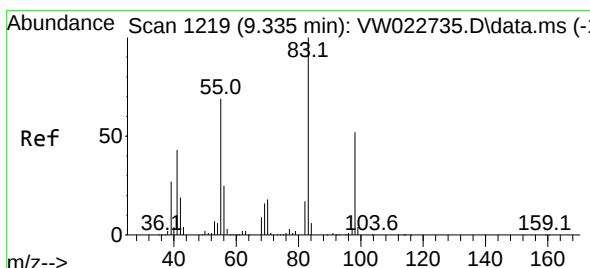
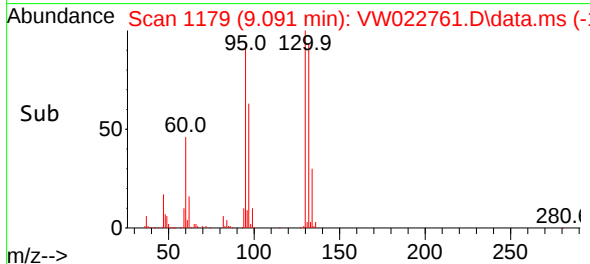
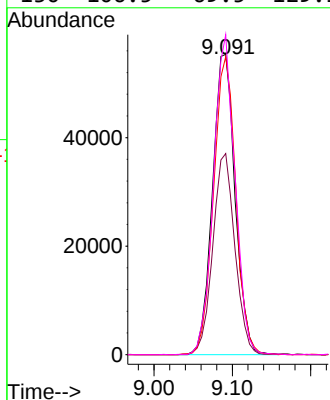


#34
Trichloroethene
Concen: 22.435 ug/L
RT: 9.091 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VW022761.D
Acq: 03 May 2022 10:12

Instrument :
MSVOA_W
ClientSampleId :

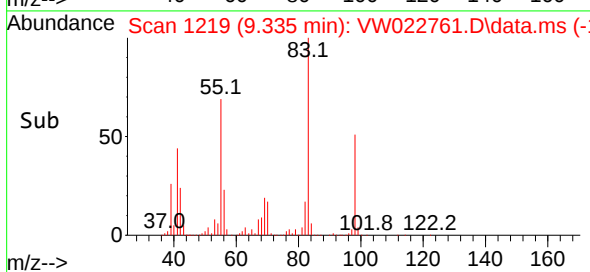
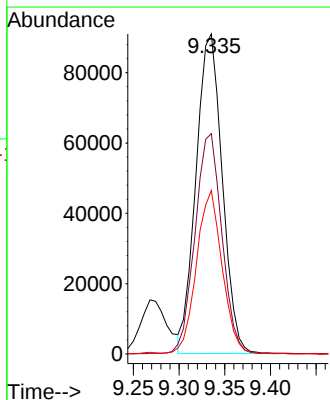
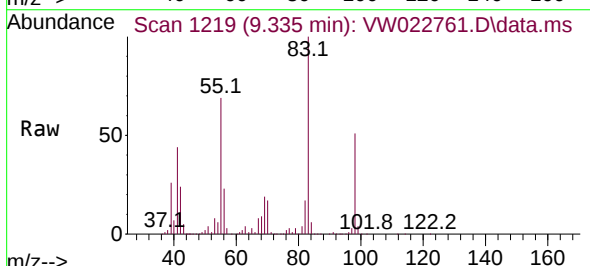


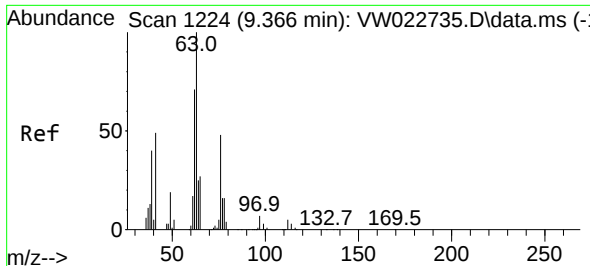
Tgt Ion: 95 Resp: 111505
Ion Ratio Lower Upper
95 100
97 67.0 46.1 85.7
132 99.2 66.9 124.3
130 106.5 69.5 129.1



#35
Methylcyclohexane
Concen: 22.244 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. 0.000 min
Lab File: VW022761.D
Acq: 03 May 2022 10:12

Tgt Ion: 83 Resp: 181618
Ion Ratio Lower Upper
83 100
55 70.3 55.1 82.7
98 50.2 40.4 60.6





#37

1,2-Dichloropropane

Concen: 22.506 ug/L

RT: 9.366 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW022761.D

Acq: 03 May 2022 10:12

Instrument :

MSVOA_W

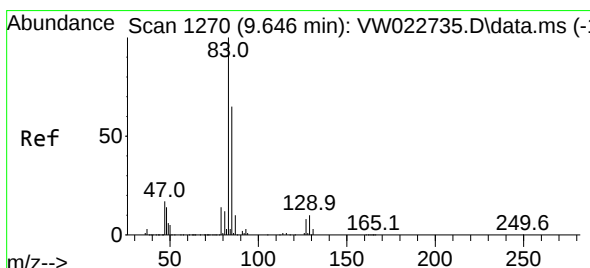
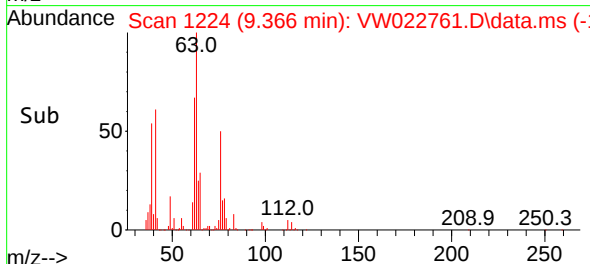
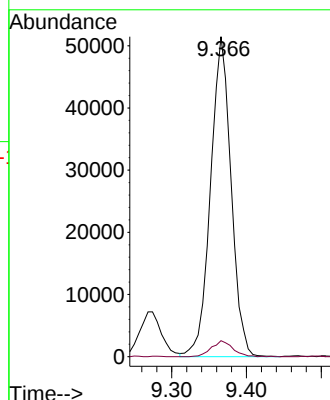
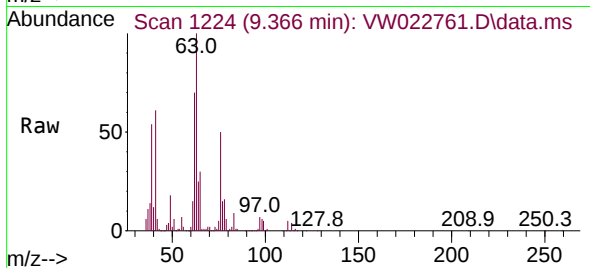
ClientSampleId :

Tgt Ion: 63 Resp: 98428

Ion Ratio Lower Upper

63 100

112 5.1 3.8 5.8



#38

Bromodichloromethane

Concen: 22.906 ug/L

RT: 9.640 min Scan# 1269

Delta R.T. -0.006 min

Lab File: VW022761.D

Acq: 03 May 2022 10:12

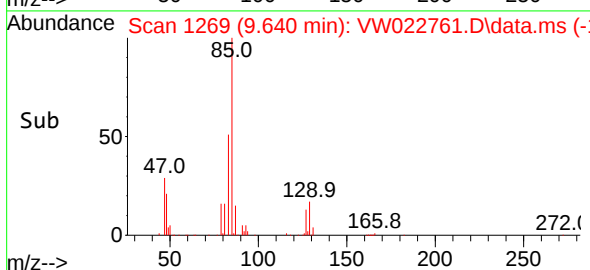
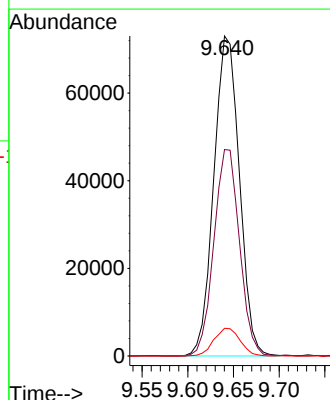
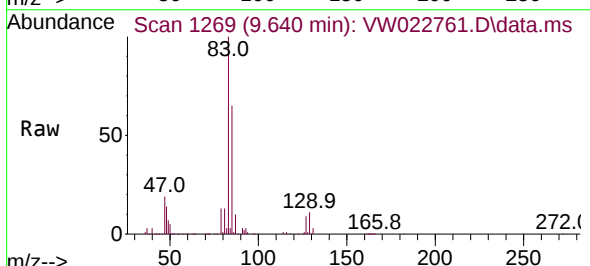
Tgt Ion: 83 Resp: 142292

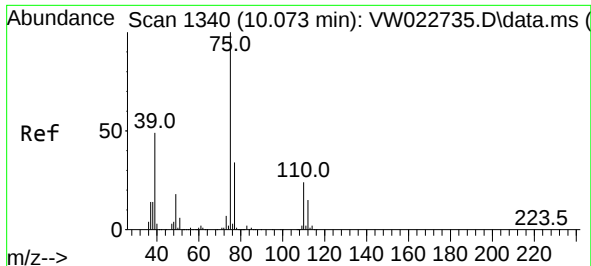
Ion Ratio Lower Upper

83 100

85 64.5 43.5 80.7

127 8.6 7.1 10.7





#39

cis-1,3-Dichloropropene

Concen: 23.088 ug/L

RT: 10.073 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW022761.D

Acq: 03 May 2022 10:12

Instrument :

MSVOA_W

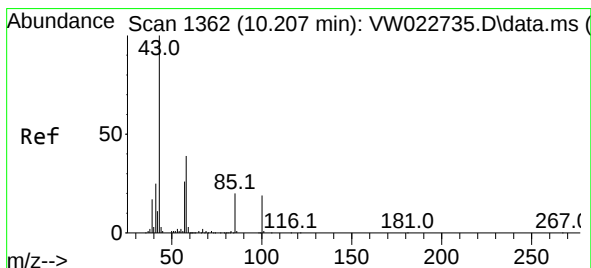
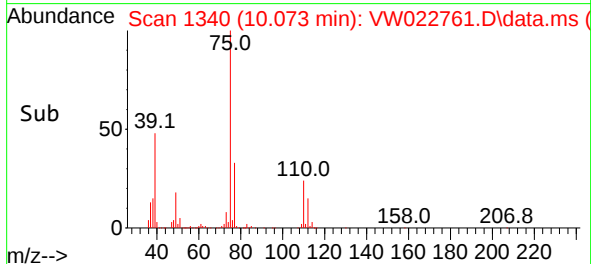
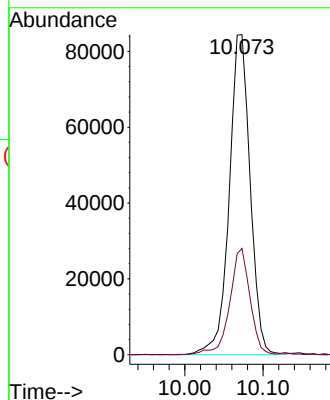
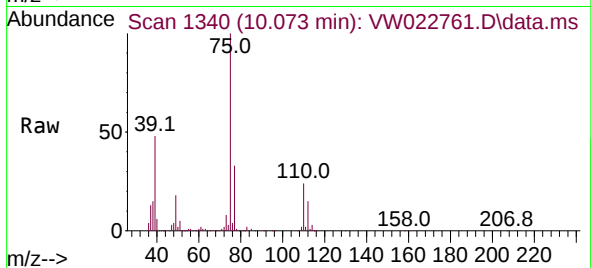
ClientSampleId :

Tgt Ion: 75 Resp: 156565

Ion Ratio Lower Upper

75 100

77 33.2 22.1 41.1



#40

4-Methyl-2-pentanone

Concen: 39.730 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. 0.000 min

Lab File: VW022761.D

Acq: 03 May 2022 10:12

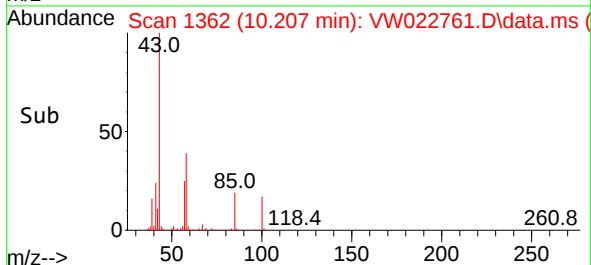
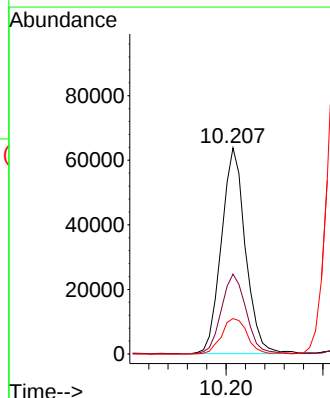
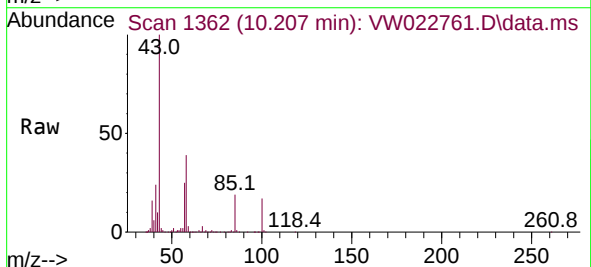
Tgt Ion: 43 Resp: 109520

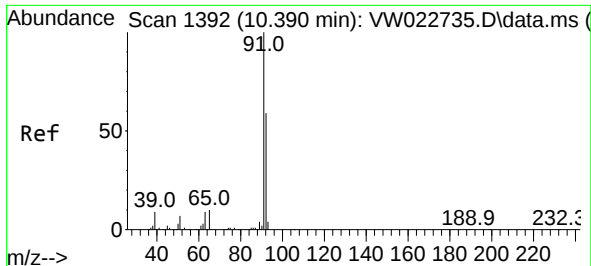
Ion Ratio Lower Upper

43 100

58 40.4 31.4 47.2

100 18.3 14.2 21.4

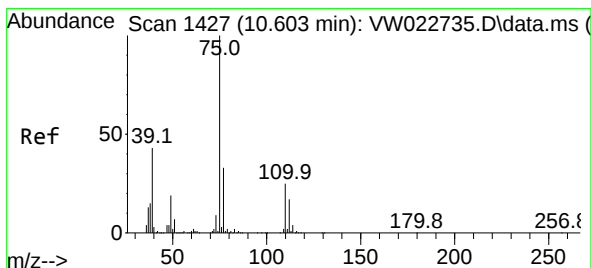
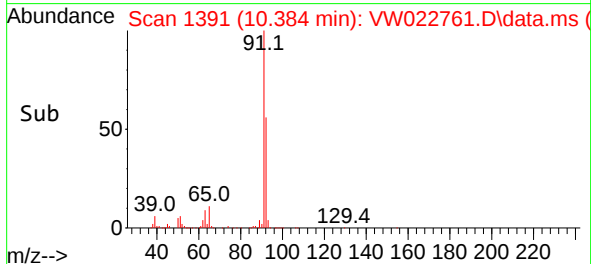
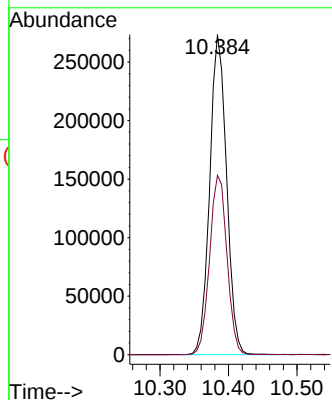
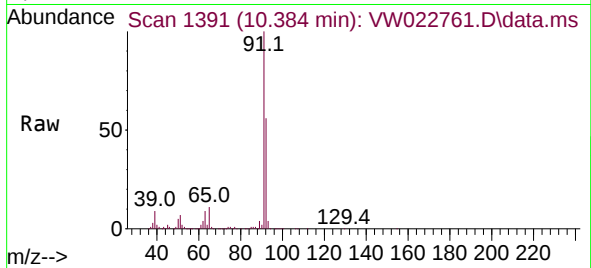




#42
Toluene
Concen: 23.082 ug/L
RT: 10.384 min Scan# 1391
Delta R.T. -0.006 min
Lab File: VW022761.D
Acq: 03 May 2022 10:12

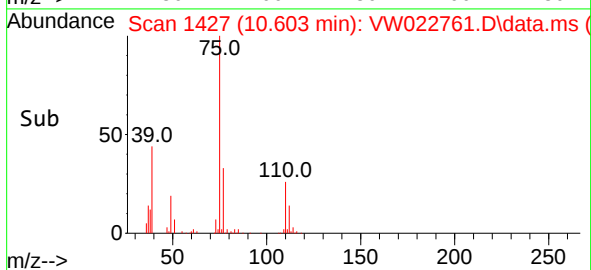
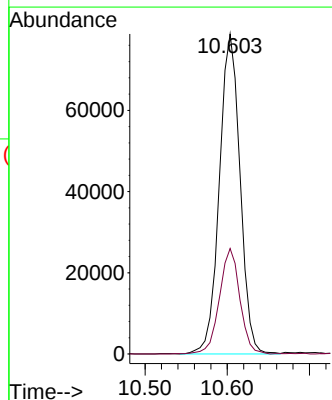
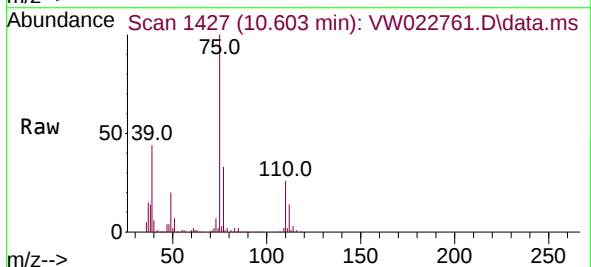
Instrument :
MSVOA_W
ClientSampleId :

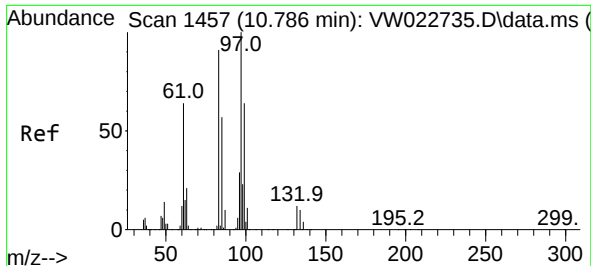
Tgt Ion: 91 Resp: 467500
Ion Ratio Lower Upper
91 100
92 56.0 41.6 77.2



#44
trans-1,3-Dichloropropene
Concen: 22.798 ug/L
RT: 10.603 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VW022761.D
Acq: 03 May 2022 10:12

Tgt Ion: 75 Resp: 137993
Ion Ratio Lower Upper
75 100
77 32.9 22.0 40.8

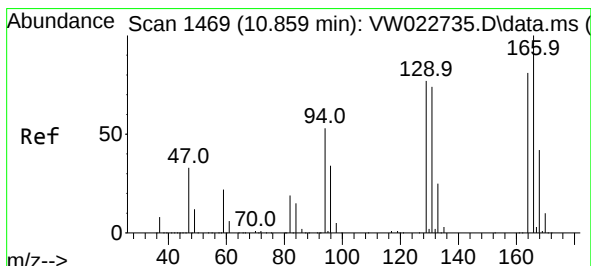
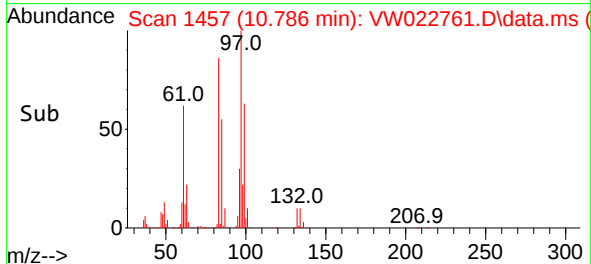
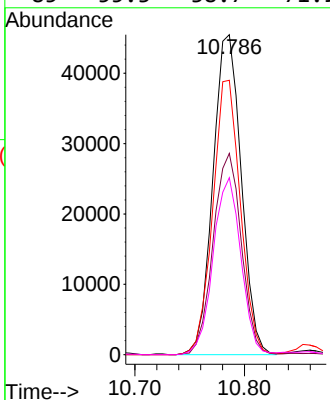
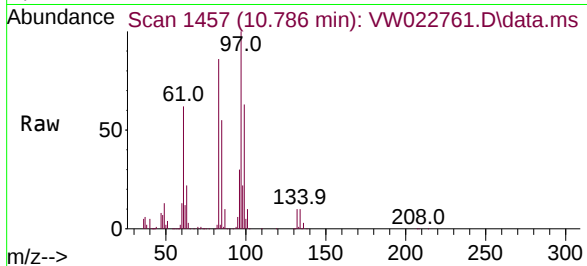




#45
1,1,2-Trichloroethane
Concen: 22.327 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VW022761.D
Acq: 03 May 2022 10:12

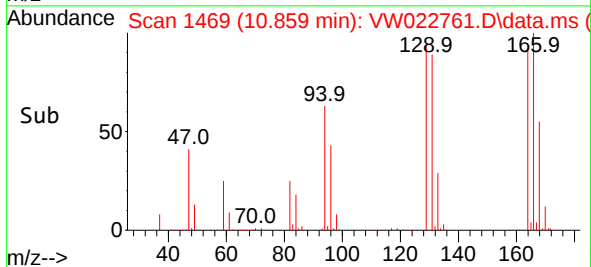
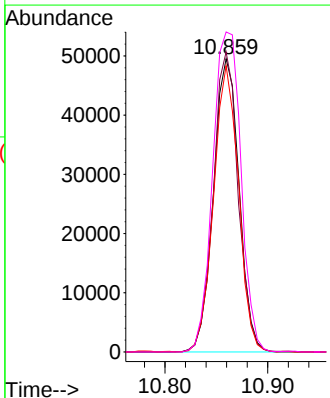
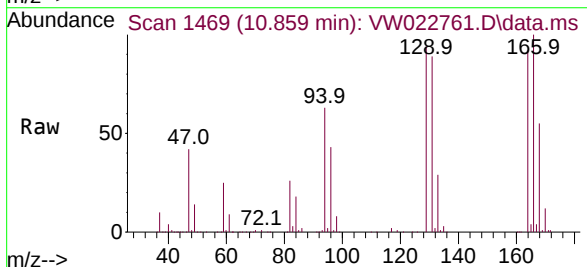
Instrument :
MSVOA_W
ClientSampleId :

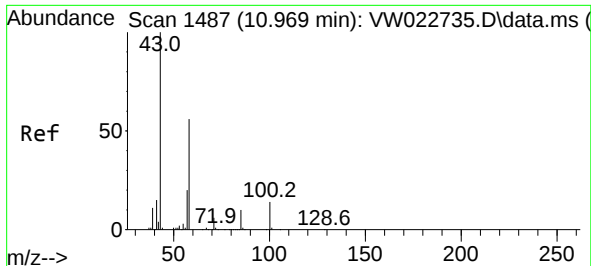
Tgt Ion: 97	Resp: 81629
Ion Ratio	Lower Upper
97 100	
99 62.9	44.7 82.9
83 85.8	58.4 108.4
85 55.3	38.7 71.9



#46
Tetrachloroethene
Concen: 22.880 ug/L
RT: 10.859 min Scan# 1469
Delta R.T. 0.000 min
Lab File: VW022761.D
Acq: 03 May 2022 10:12

Tgt	Ion:164	Resp:	85457
Ion	Ratio	Lower	Upper
164	100		
129	102.3	76.9	142.7
131	97.6	75.1	139.5
166	109.1	96.0	178.2

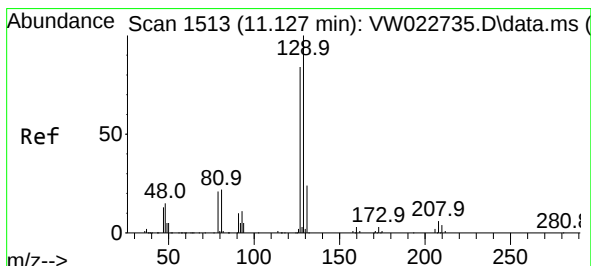
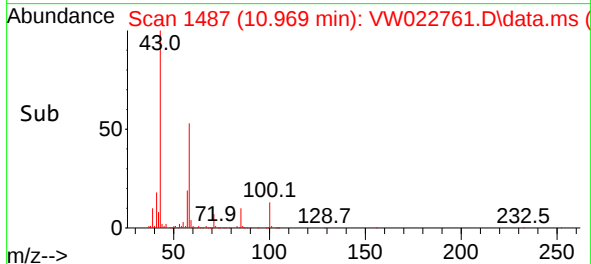
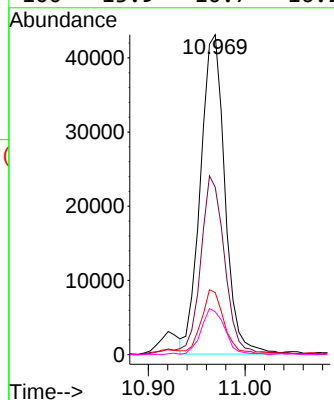
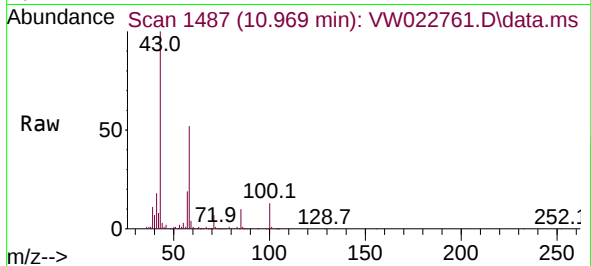




#48
2-Hexanone
Concen: 41.145 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VW022761.D
Acq: 03 May 2022 10:12

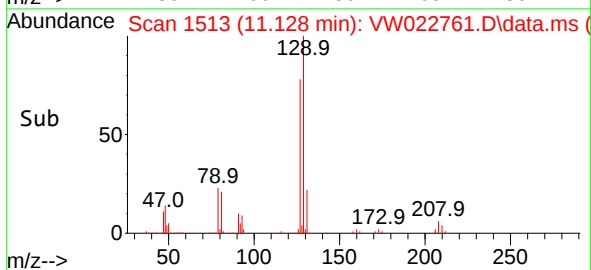
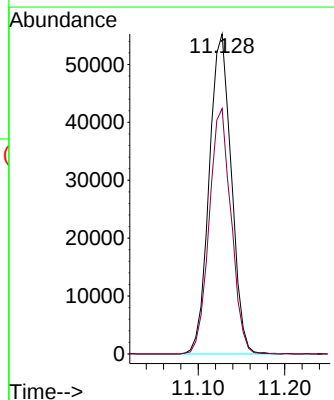
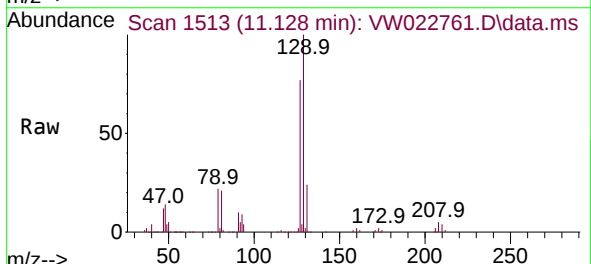
Instrument :
MSVOA_W
ClientSampleId :

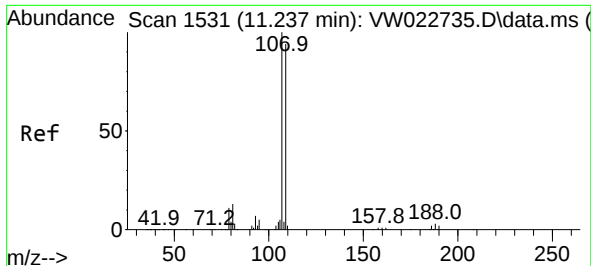
Tgt Ion: 43	Resp: 75782
Ion Ratio	Lower Upper
43 100	
58 54.5	45.9 68.9
57 18.6	16.2 24.2
100 13.9	10.7 16.1



#49
Dibromochloromethane
Concen: 22.301 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VW022761.D
Acq: 03 May 2022 10:12

Tgt Ion:129	Resp:	98129	
Ion	Ratio	Lower	Upper
129	100		
127	76.7	53.8	100.0





#50

1,2-Dibromoethane

Concen: 21.838 ug/L

RT: 11.231 min Scan# 1530

Delta R.T. -0.006 min

Lab File: VW022761.D

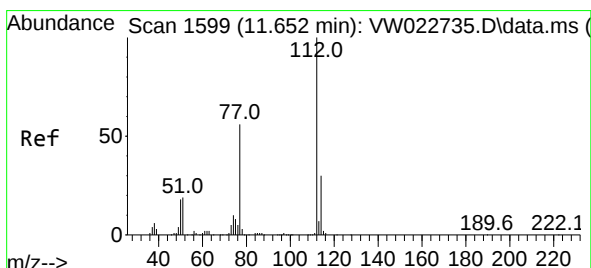
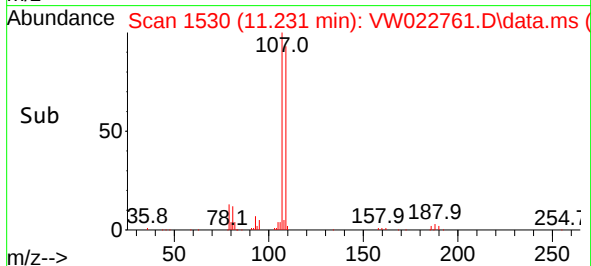
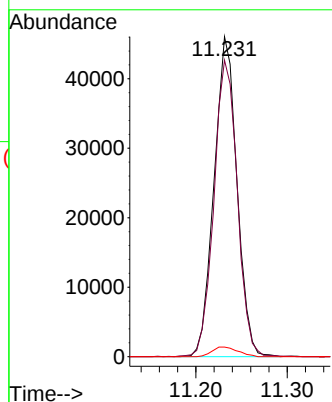
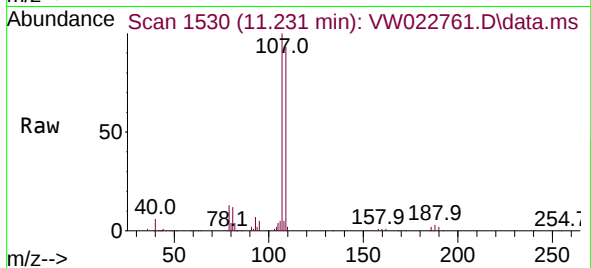
Acq: 03 May 2022 10:12

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	107	Resp:	80169
Ion	Ratio	Lower	Upper
107	100		
109	92.7	67.5	125.4
188	3.0	2.9	4.3



#51

Chlorobenzene

Concen: 22.892 ug/L

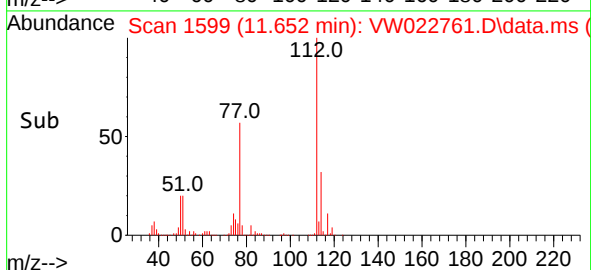
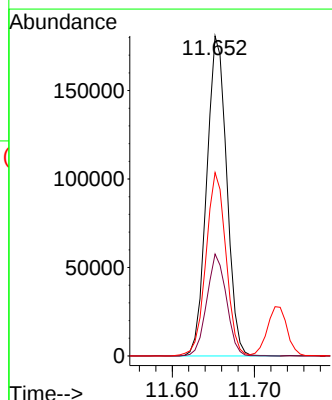
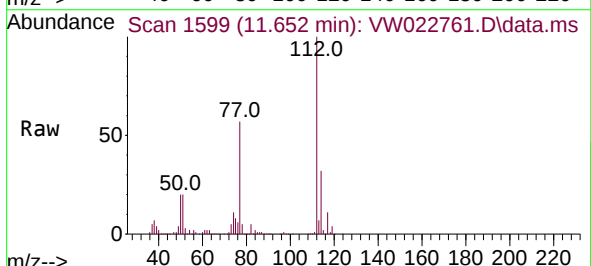
RT: 11.652 min Scan# 1599

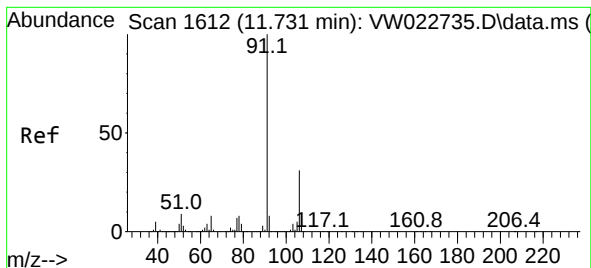
Delta R.T. 0.000 min

Lab File: VW022761.D

Acq: 03 May 2022 10:12

Tgt Ion:	112	Resp:	305660
Ion	Ratio	Lower	Upper
112	100		
114	31.9	22.0	41.0
77	57.3	42.6	63.8

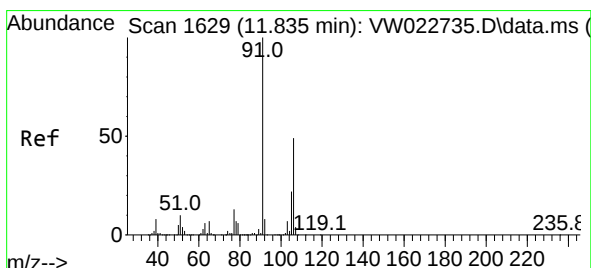
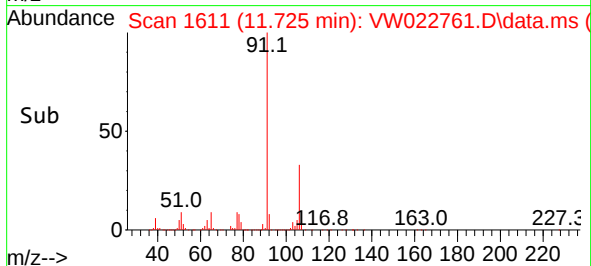
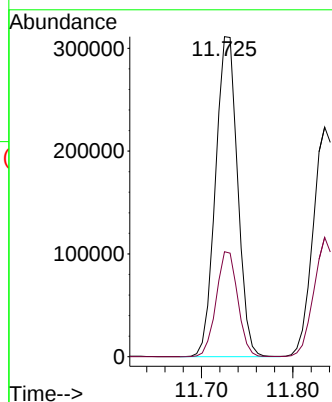
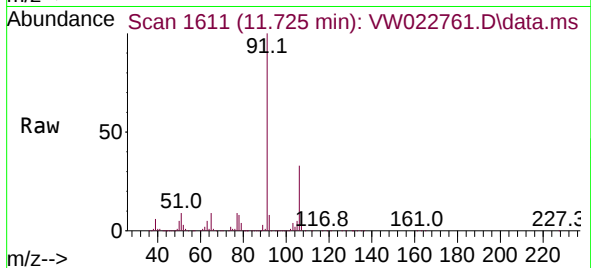




#52
Ethylbenzene
Concen: 23.205 ug/L
RT: 11.725 min Scan# 1611
Delta R.T. -0.006 min
Lab File: VW022761.D
Acq: 03 May 2022 10:12

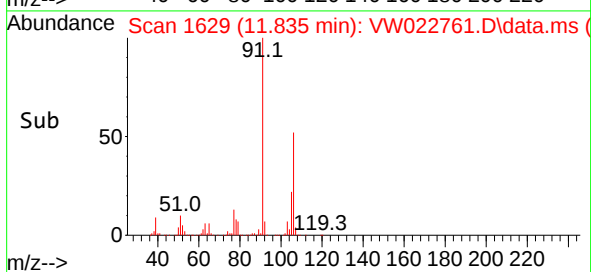
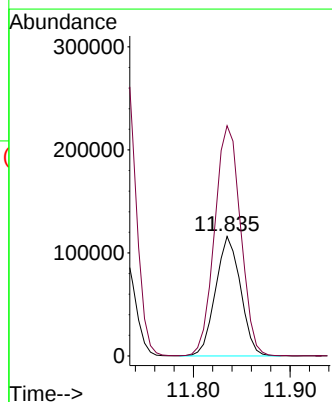
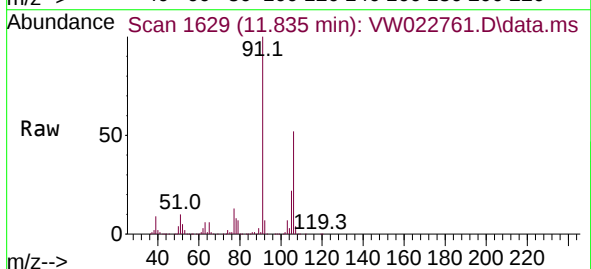
Instrument :
MSVOA_W
ClientSampleId :

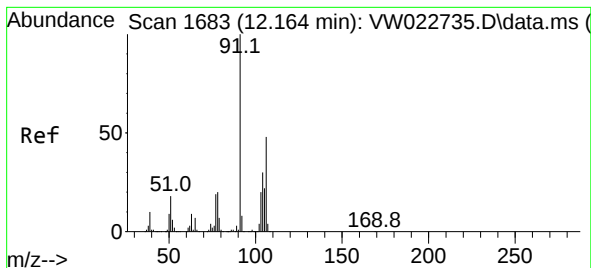
Tgt Ion: 91 Resp: 522865
Ion Ratio Lower Upper
91 100
106 32.8 22.3 41.3



#53
m,p-Xylene
Concen: 23.462 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VW022761.D
Acq: 03 May 2022 10:12

Tgt Ion:106 Resp: 208306
Ion Ratio Lower Upper
106 100
91 192.5 136.8 254.0





#54

o-Xylene

Concen: 23.317 ug/L

RT: 12.164 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW022761.D

Acq: 03 May 2022 10:12

Instrument :

MSVOA_W

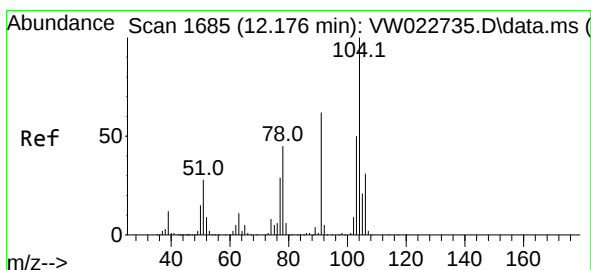
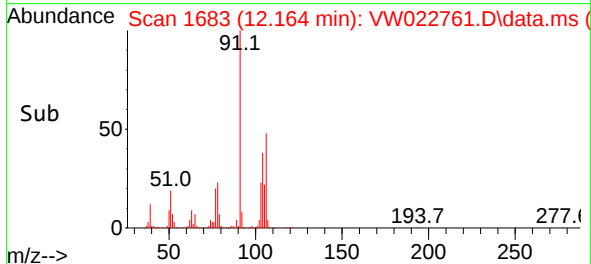
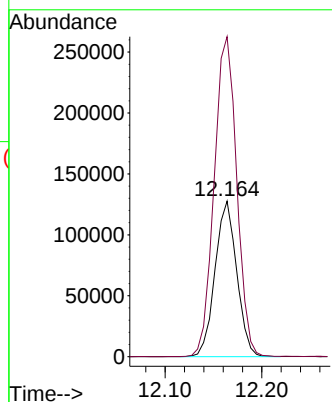
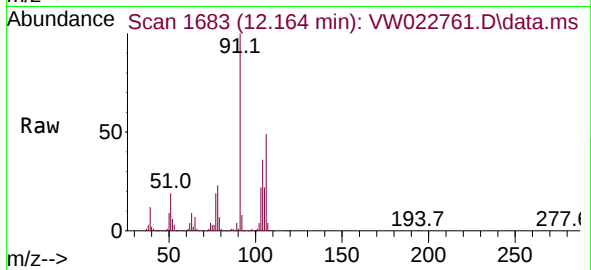
ClientSampleId :

Tgt Ion:106 Resp: 198660

Ion Ratio Lower Upper

106 100

91 205.7 147.2 273.4



#55

Styrene

Concen: 24.311 ug/L

RT: 12.176 min Scan# 1685

Delta R.T. 0.000 min

Lab File: VW022761.D

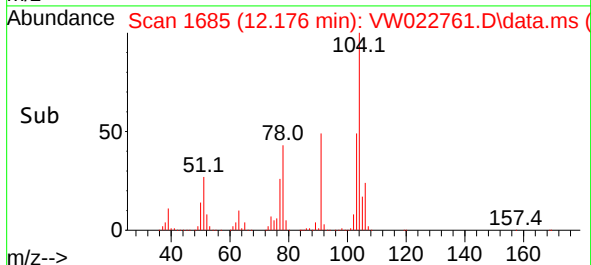
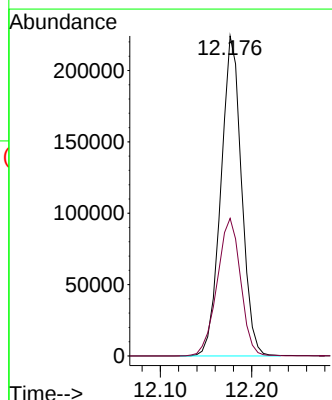
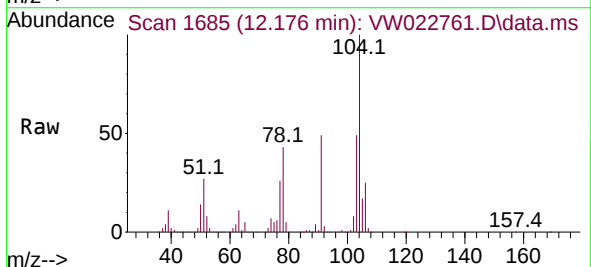
Acq: 03 May 2022 10:12

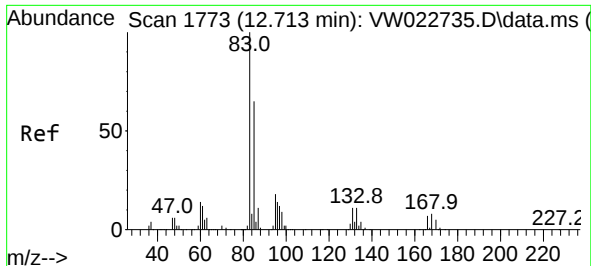
Tgt Ion:104 Resp: 351952

Ion Ratio Lower Upper

104 100

78 43.0 32.3 59.9





#57

1,1,2,2-Tetrachloroethane

Concen: 21.875 ug/L

RT: 12.713 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW022761.D

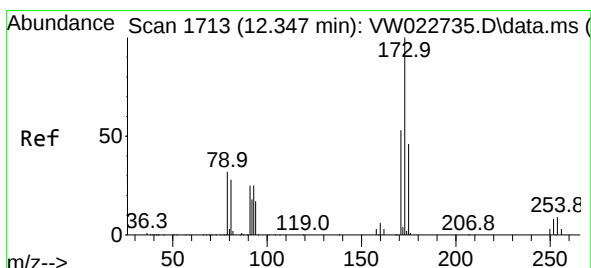
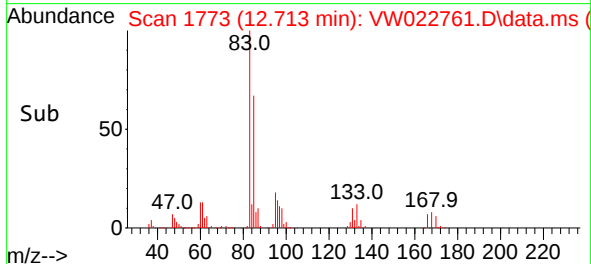
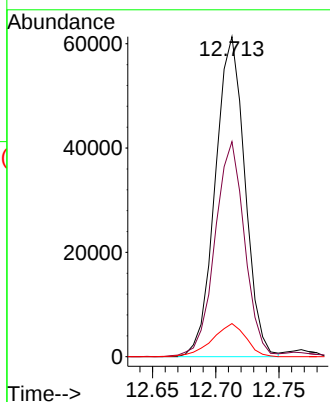
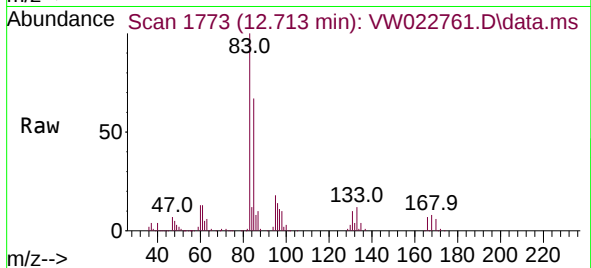
Acq: 03 May 2022 10:12

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	83	Resp:	99890
Ion	Ratio	Lower	Upper
83	100		
85	67.2	47.5	88.1
131	10.4	8.7	13.1



#59

Bromoform

Concen: 21.272 ug/L

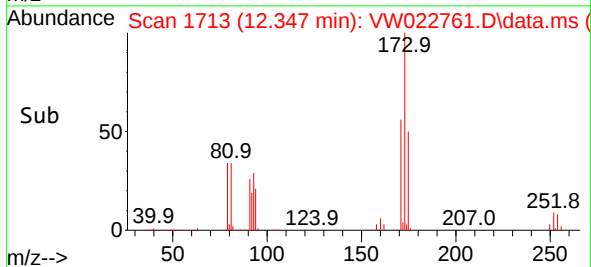
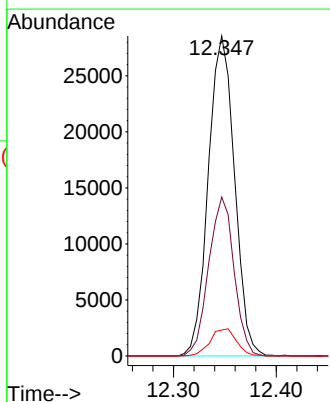
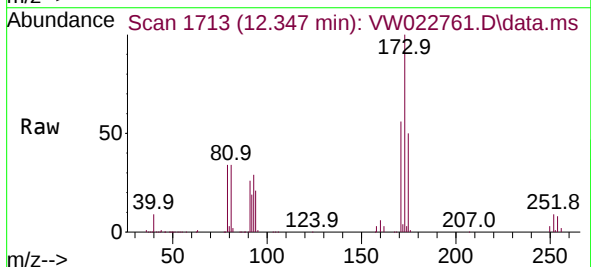
RT: 12.347 min Scan# 1713

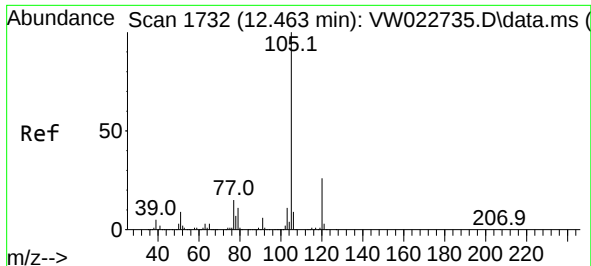
Delta R.T. 0.000 min

Lab File: VW022761.D

Acq: 03 May 2022 10:12

Tgt Ion:	173	Resp:	50617
Ion	Ratio	Lower	Upper
173	100		
175	48.0	38.1	57.1
254	8.6	6.5	9.7

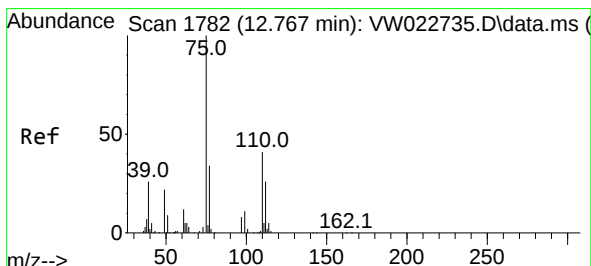
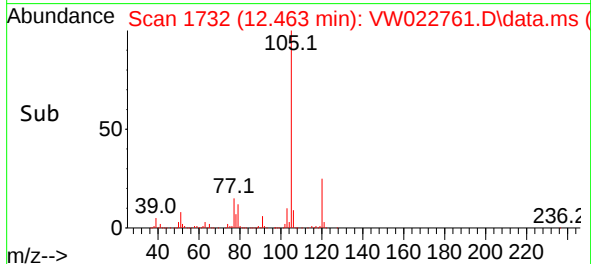
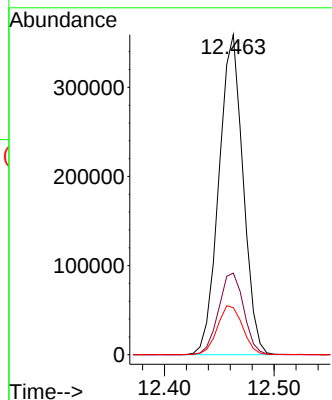
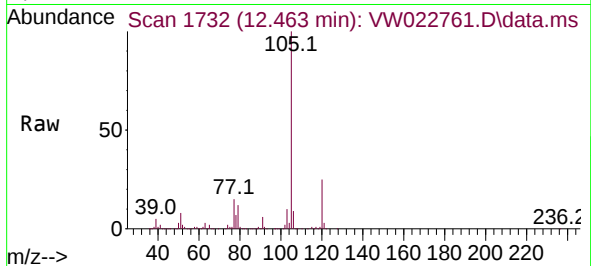




#60
Isopropylbenzene
Concen: 23.941 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW022761.D
Acq: 03 May 2022 10:12

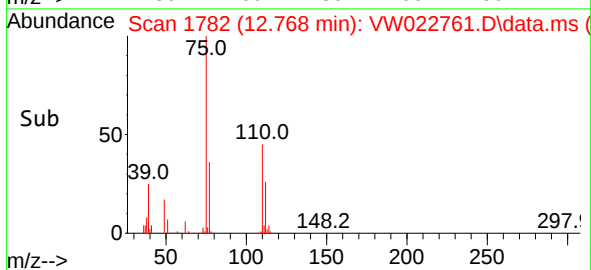
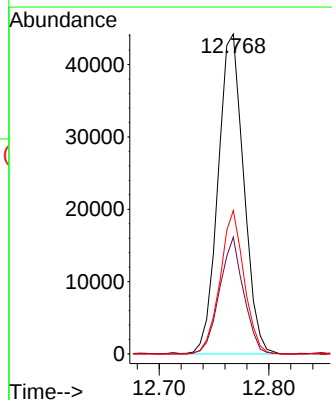
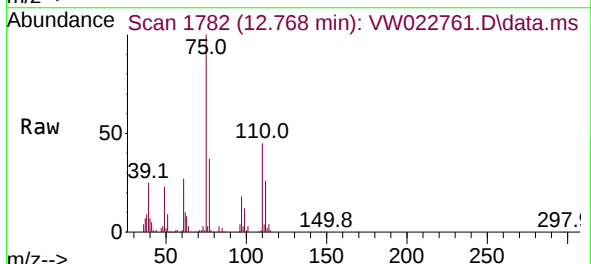
Instrument :
MSVOA_W
ClientSampleId :

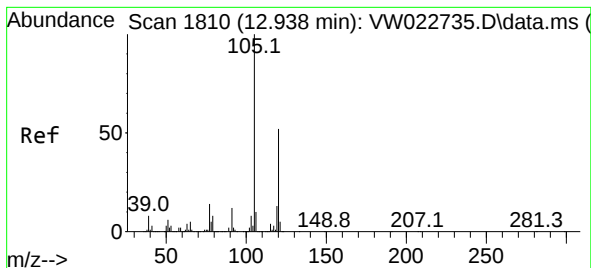
Tgt Ion:105 Resp: 550683
Ion Ratio Lower Upper
105 100
120 26.6 21.3 31.9
77 16.0 12.6 19.0



#61
1,2,3-Trichloropropane
Concen: 21.456 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. 0.000 min
Lab File: VW022761.D
Acq: 03 May 2022 10:12

Tgt Ion: 75 Resp: 71982
Ion Ratio Lower Upper
75 100
77 34.1 26.2 39.2
110 41.9 34.1 51.1

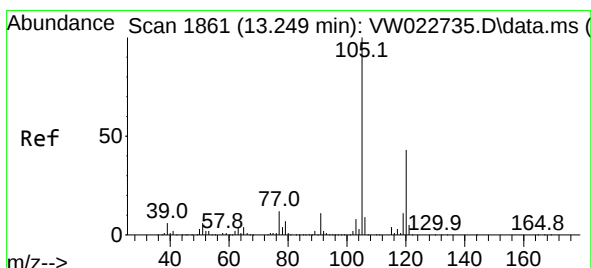
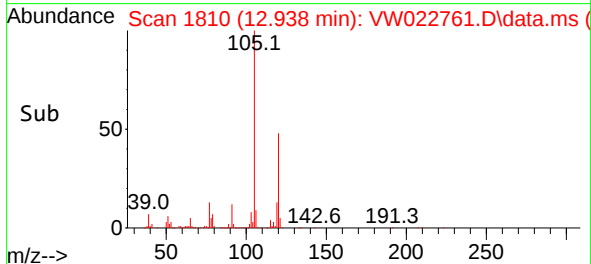
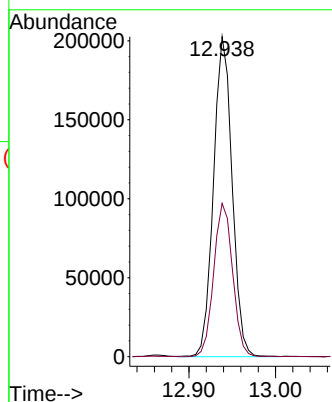
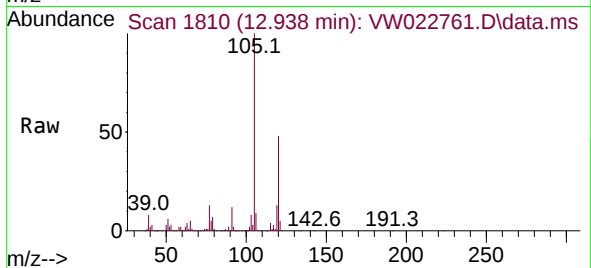




#62
1,3,5-Trimethylbenzene
Concen: 23.653 ug/L
RT: 12.938 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VW022761.D
Acq: 03 May 2022 10:12

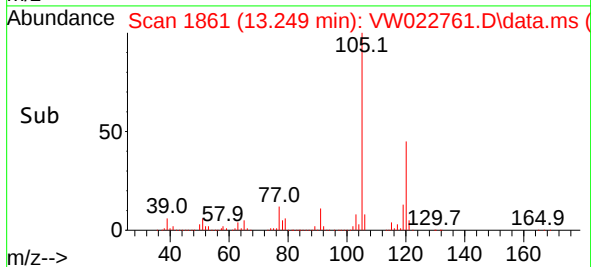
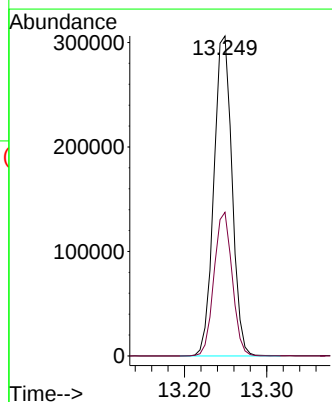
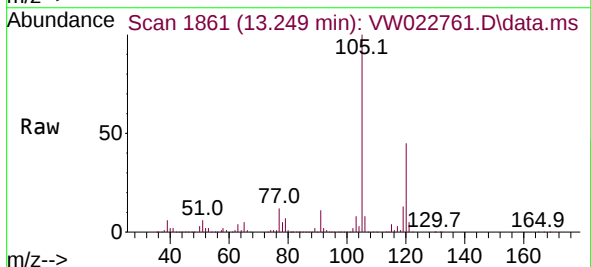
Instrument :
MSVOA_W
ClientSampleId :

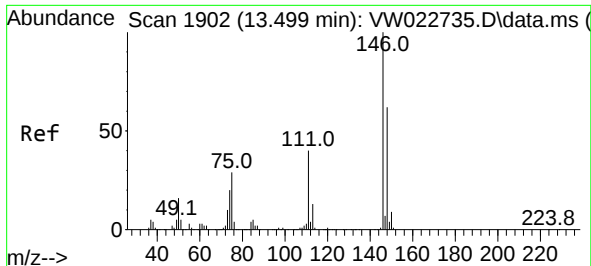
Tgt Ion:105 Resp: 302688
Ion Ratio Lower Upper
105 100
120 48.6 38.9 58.3



#63
1,2,4-Trimethylbenzene
Concen: 24.383 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. 0.000 min
Lab File: VW022761.D
Acq: 03 May 2022 10:12

Tgt Ion:105 Resp: 468510
Ion Ratio Lower Upper
105 100
120 45.0 37.4 56.2

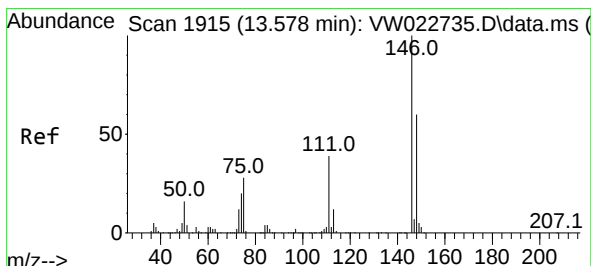
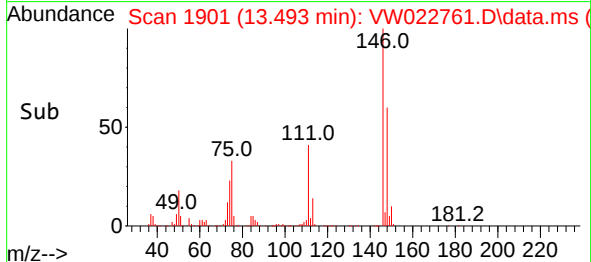
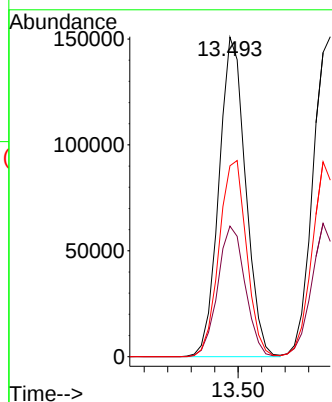
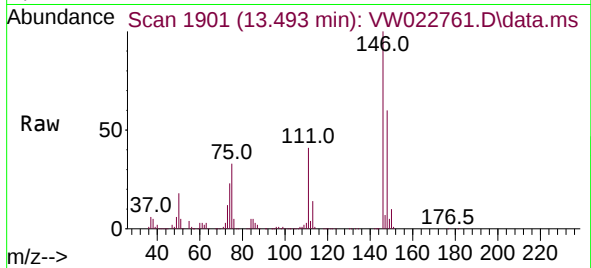




#64
1,3-Dichlorobenzene
Concen: 23.167 ug/L
RT: 13.493 min Scan# 1902
Delta R.T. -0.006 min
Lab File: VW022761.D
Acq: 03 May 2022 10:12

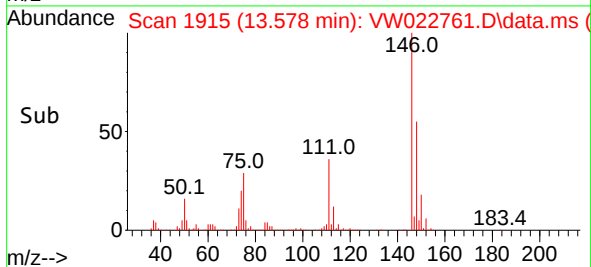
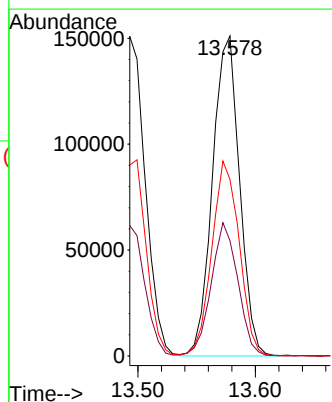
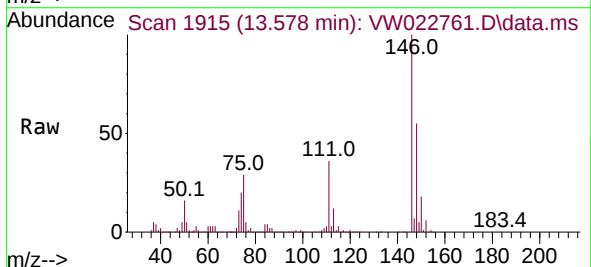
Instrument :
MSVOA_W
ClientSampleId :

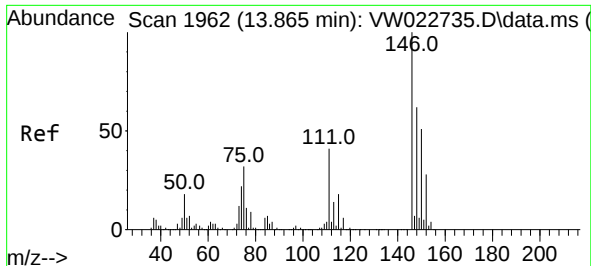
Tgt Ion:146 Resp: 237915
Ion Ratio Lower Upper
146 100
111 40.8 29.5 54.9
148 59.7 48.6 90.2



#65
1,4-Dichlorobenzene
Concen: 22.811 ug/L
RT: 13.578 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VW022761.D
Acq: 03 May 2022 10:12

Tgt Ion:146 Resp: 241972
Ion Ratio Lower Upper
146 100
111 36.0 27.2 50.4
148 55.1 44.0 81.6





#67

1,2-Dichlorobenzene

Concen: 22.734 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. 0.000 min

Lab File: VW022761.D

Acq: 03 May 2022 10:12

Instrument :

MSVOA_W

ClientSampleId :

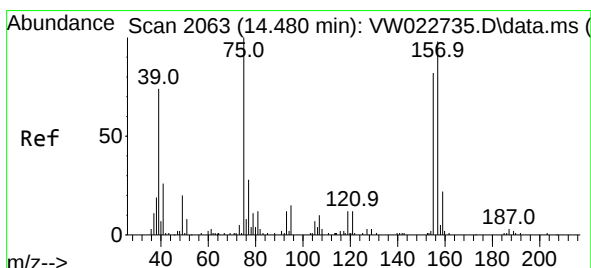
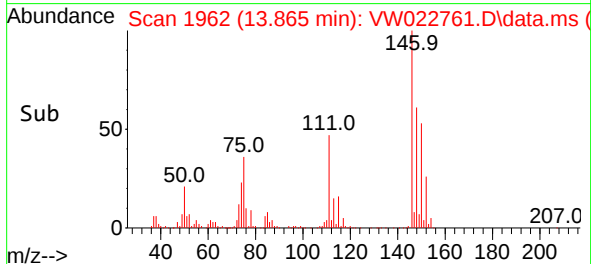
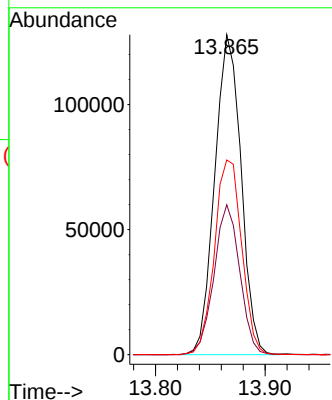
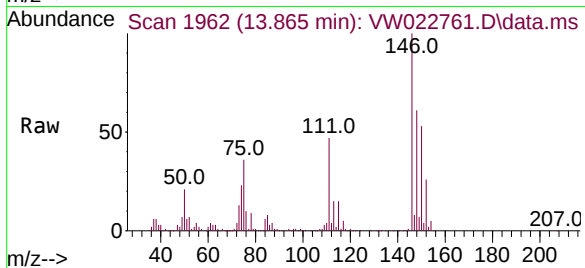
Tgt Ion:146 Resp: 213643

Ion Ratio Lower Upper

146 100

111 46.8 35.7 53.5

148 60.9 52.6 79.0



#68

1,2-Dibromo-3-chloropropane

Concen: 20.065 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. 0.000 min

Lab File: VW022761.D

Acq: 03 May 2022 10:12

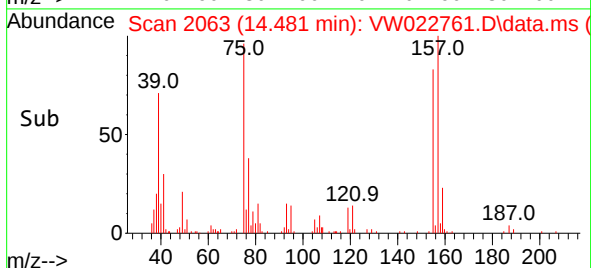
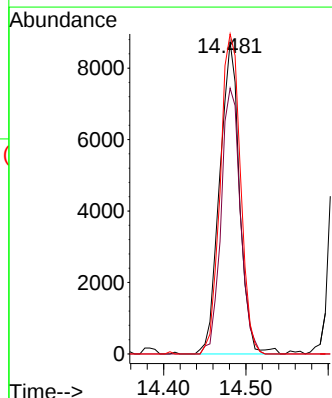
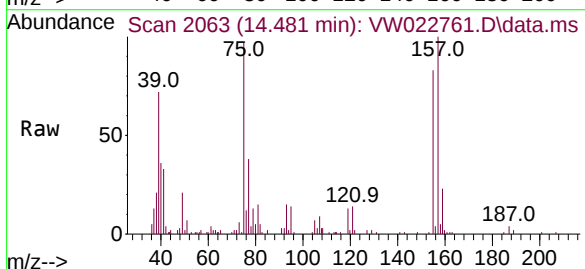
Tgt Ion: 75 Resp: 14712

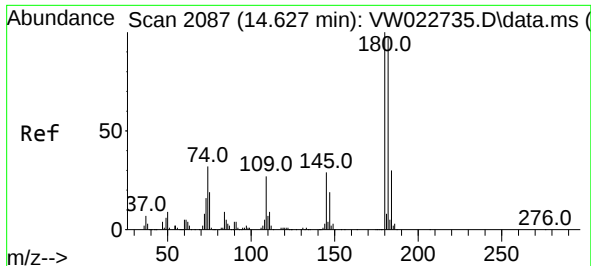
Ion Ratio Lower Upper

75 100

155 85.2 59.3 88.9

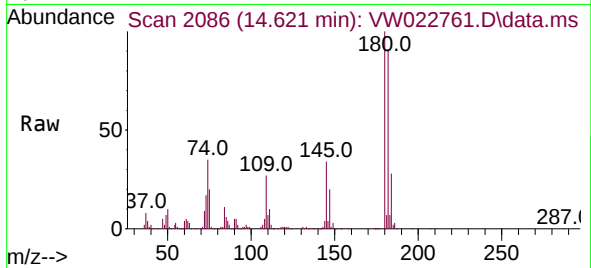
157 102.6 89.8 134.8





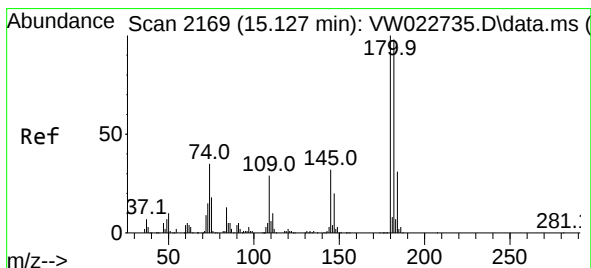
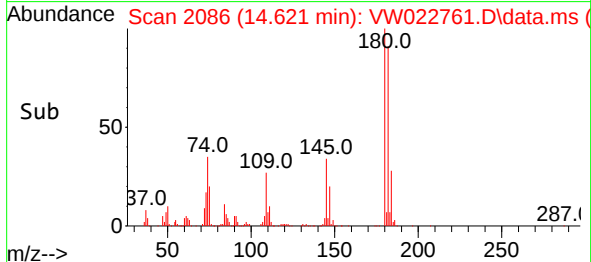
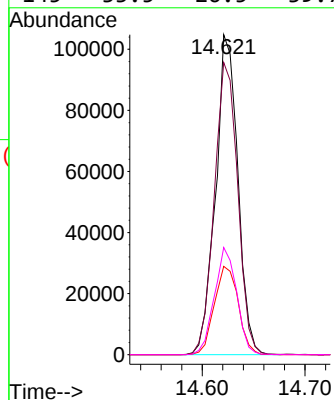
#69
 1,3,5-Trichlorobenzene
 Concen: 23.130 ug/L
 RT: 14.621 min Scan# 2087
 Delta R.T. -0.006 min
 Lab File: VW022761.D
 Acq: 03 May 2022 10:12

Instrument :
 MSVOA_W
 ClientSampleId :



Tgt Ion:180 Resp: 157672

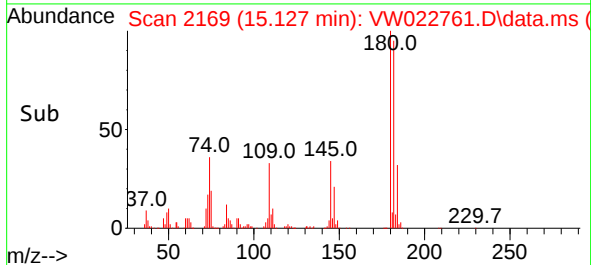
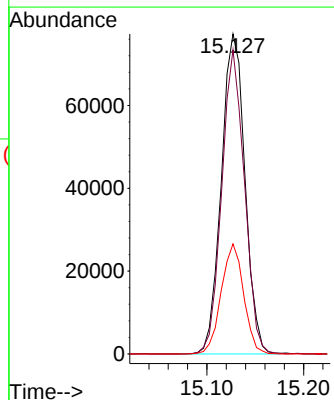
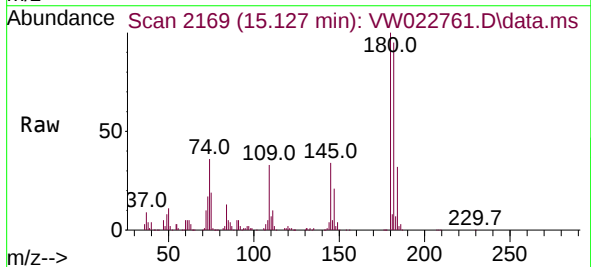
Ion	Ratio	Lower	Upper
180	100		
182	95.6	74.8	112.2
184	29.7	23.4	35.2
145	33.5	26.5	39.7

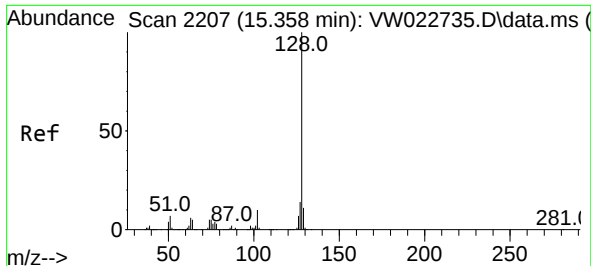


#70
 1,2,4-trichlorobenzene
 Concen: 23.880 ug/L
 RT: 15.127 min Scan# 2169
 Delta R.T. 0.000 min
 Lab File: VW022761.D
 Acq: 03 May 2022 10:12

Tgt Ion:180 Resp: 130950

Ion	Ratio	Lower	Upper
180	100		
182	91.0	74.9	112.3
145	32.7	26.6	39.8

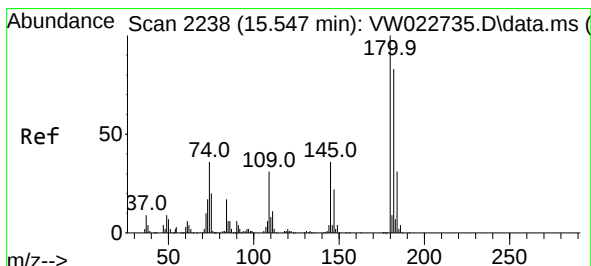
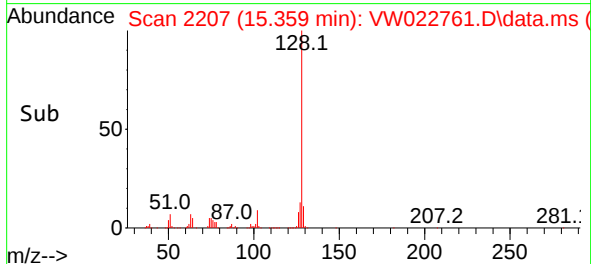
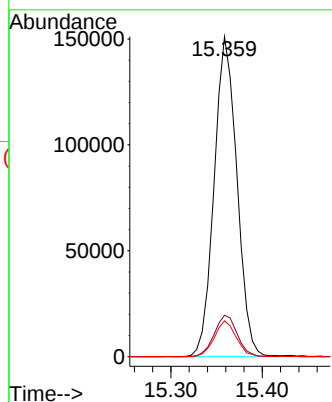
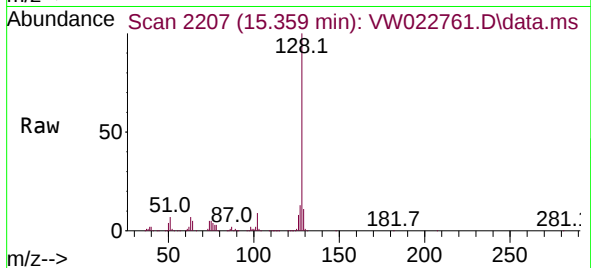




#71
Naphthalene
Concen: 21.974 ug/L
RT: 15.359 min Scan# 21
Delta R.T. 0.000 min
Lab File: VW022761.D
Acq: 03 May 2022 10:12

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:128 Resp: 261891
Ion Ratio Lower Upper
128 100
127 13.1 10.6 16.0
129 10.8 8.7 13.1



#72
1,2,3-Trichlorobenzene
Concen: 22.271 ug/L
RT: 15.548 min Scan# 2238
Delta R.T. 0.000 min
Lab File: VW022761.D
Acq: 03 May 2022 10:12

Tgt Ion:180 Resp: 108241
Ion Ratio Lower Upper
180 100
182 96.0 73.5 110.3
145 35.7 27.9 41.9

