

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082622\
 Data File : VW024345.D
 Acq On : 26 Aug 2022 11:15
 Operator : SY/VA
 Sample : VSTD2.519
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Aug 26 23:54:28 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM082622SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Aug 26 23:53:47 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	206137	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	207099	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	103157	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.343	65	15651	2.754	ug/L	0.00
7) Chloroethane-d5	2.879	69	11644	2.768	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.001	63	12273	2.547	ug/L	0.00
21) 2-Butanone-d5	7.202	46	197	0.195	ug/L	0.12
24) Chloroform-d	7.647	84	17511	2.642	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.305	65	10013	2.491	ug/L	0.00
32) Benzene-d6	8.268	84	28868	2.433	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.274	67	9270	2.512	ug/L	0.00
41) Toluene-d8	10.323	98	24792	2.198	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.579	79	3831	2.211	ug/L	0.00
47) 2-Hexanone-d5	10.920	63	2638	3.207	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.695	84	9575	2.292	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.847	152	9379	2.414	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.007	85	4228	1.996	ug/L #	75
3) Chloromethane	2.215	50	10619	2.749	ug/L	93
5) Vinyl chloride	2.355	62	18356	2.722	ug/L	94
6) Bromomethane	2.769	94	14915	3.151	ug/L	98
8) Chloroethane	2.910	64	10249	2.876	ug/L	91
9) Trichlorofluoromethane	3.245	101	9384	2.960	ug/L	86
10) 1,1,2-Trichloro-1,2,2-...	4.044	101	4353	1.436	ug/L #	48
12) 1,1-Dichloroethene	4.031	96	6665	2.707	ug/L	86
13) Acetone	4.129	43	4096	6.477	ug/L	69
14) Carbon disulfide	4.373	76	21789	2.663	ug/L	100
15) Methyl Acetate	4.592	43	329	0.216	ug/L	91
16) Methylene chloride	4.909	84	12860	3.771	ug/L	91
17) trans-1,2-Dichloroethene	5.421	96	7328	2.514	ug/L	83
18) Methyl tert-butyl Ether	5.421	73	11030	2.311	ug/L #	85
19) 1,1-Dichloroethane	6.214	63	15792	2.865	ug/L	97
20) cis-1,2-Dichloroethene	6.933	96	22	0.007	ug/L	79
22) 2-Butanone	7.165	43	2266	2.036	ug/L	90
23) Bromochloromethane	7.513	128	4222	2.698	ug/L	86
25) Chloroform	7.671	83	16553	2.707	ug/L	94
27) 1,2-Dichloroethane	8.403	62	11708	2.631	ug/L	97
29) Cyclohexane	7.958	56	9713	2.175	ug/L #	96
30) 1,1,1-Trichloroethane	7.860	97	13549	2.775	ug/L #	84
31) Carbon tetrachloride	8.067	117	12347	2.764	ug/L	99
33) Benzene	8.323	78	31187	2.419	ug/L	100
34) Trichloroethene	9.091	95	9830	2.893	ug/L	93
35) Methylcyclohexane	9.335	83	12354	2.265	ug/L	94
37) 1,2-Dichloropropane	9.268	63	1173	0.354	ug/L	99
38) Bromodichloromethane	9.640	83	11972	2.642	ug/L #	89
39) cis-1,3-Dichloropropene	10.073	75	9541	2.051	ug/L	98
40) 4-Methyl-2-pentanone	10.390	43	881	0.376	ug/L	92
42) Toluene	10.384	91	31818	2.236	ug/L	98
44) trans-1,3-Dichloropropene	10.603	75	9626	2.130	ug/L	98

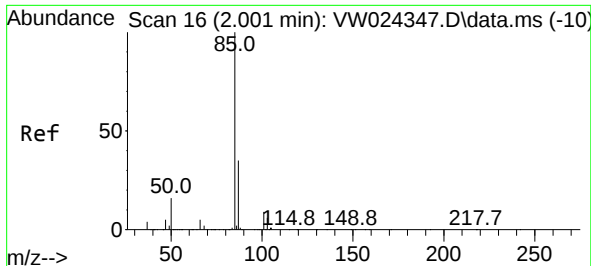
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082622\
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM082622SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Aug 26 23:53:47 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.786	97	6700	2.469	ug/L	97
46) Tetrachloroethene	10.866	164	6542	2.479	ug/L	94
48) 2-Hexanone	10.969	43	7502	4.299	ug/L	89
49) Dibromochloromethane	11.122	129	7590	2.365	ug/L	99
50) 1,2-Dibromoethane	11.231	107	6115	2.344	ug/L #	92
51) Chlorobenzene	11.652	112	23373	2.447	ug/L	97
52) Ethylbenzene	11.725	91	34171	2.172	ug/L	96
53) m,p-Xylene	11.835	106	12740	2.062	ug/L	91
54) o-Xylene	12.164	106	11225	1.943	ug/L	93
55) Styrene	12.176	104	18328	1.795	ug/L	95
57) 1,1,2,2-Tetrachloroethane	12.713	83	9509	2.511	ug/L #	92
59) Bromoform	12.347	173	4133	2.497	ug/L	98
60) Isopropylbenzene	12.463	105	29269	2.136	ug/L	98
61) 1,2,3-Trichloropropane	12.006	75	166	0.071	ug/L	90
62) 1,3,5-Trimethylbenzene	12.938	105	21505	1.947	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	19617	1.828	ug/L	95
64) 1,3-Dichlorobenzene	13.499	146	16090	2.456	ug/L	97
65) 1,4-Dichlorobenzene	13.579	146	18815	2.720	ug/L	93
67) 1,2-Dichlorobenzene	13.865	146	15451	2.516	ug/L	92
68) 1,2-Dibromo-3-chloropr...	14.481	75	1899	3.240	ug/L #	73
69) 1,3,5-Trichlorobenzene	14.627	180	11061	2.616	ug/L	92
70) 1,2,4-trichlorobenzene	15.127	180	7781	2.367	ug/L	95
71) Naphthalene	15.359	128	13243	1.835	ug/L #	94
72) 1,2,3-Trichlorobenzene	15.548	180	7369	2.372	ug/L	95

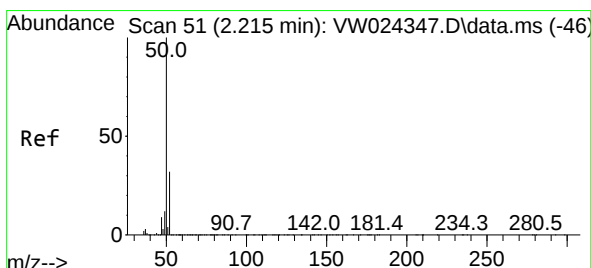
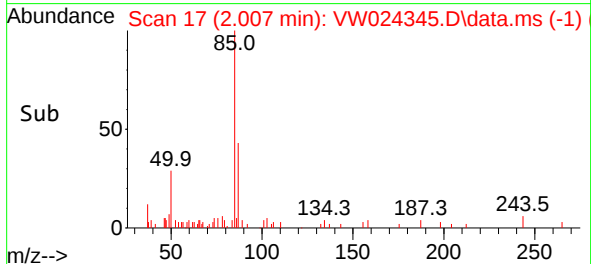
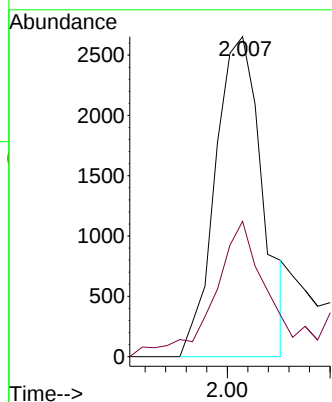
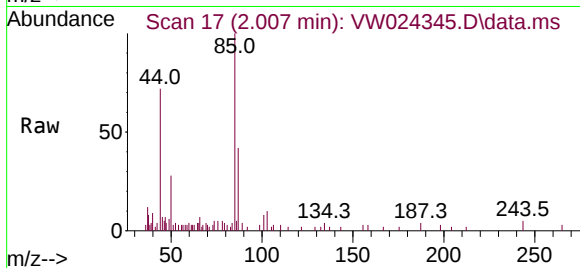
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
 Dichlorodifluoromethane
 Concen: 1.996 ug/L
 RT: 2.007 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VW024345.D
 Acq: 26 Aug 2022 11:15

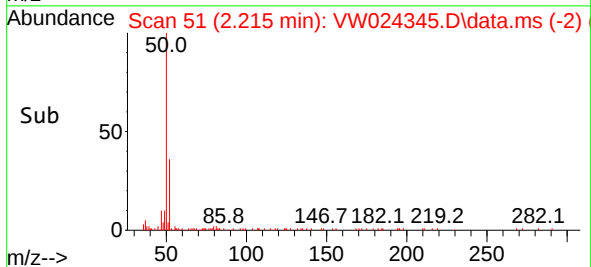
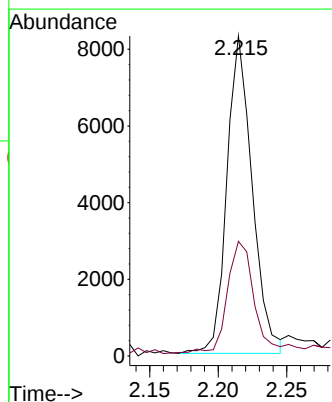
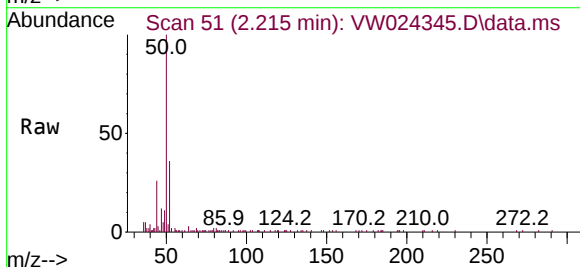
Instrument :
 MSVOA_W
 ClientSampleId :

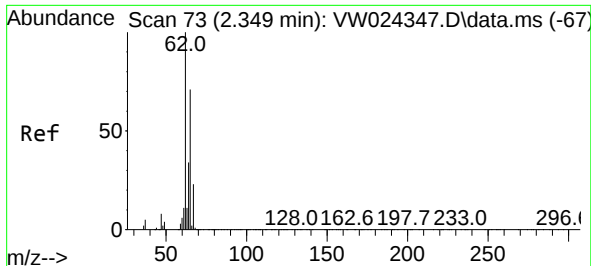
Tgt Ion: 85 Resp: 4228
 Ion Ratio Lower Upper
 85 100
 87 44.4 24.7 37.1#



#3
 Chloromethane
 Concen: 2.749 ug/L
 RT: 2.215 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: VW024345.D
 Acq: 26 Aug 2022 11:15

Tgt Ion: 50 Resp: 10619
 Ion Ratio Lower Upper
 50 100
 52 35.8 22.3 41.5

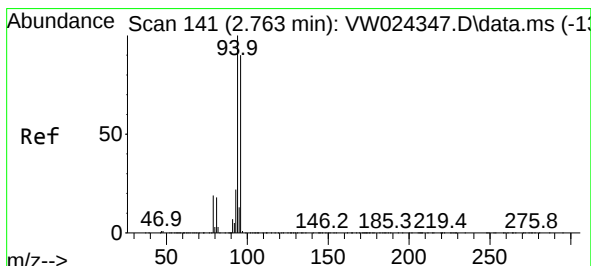
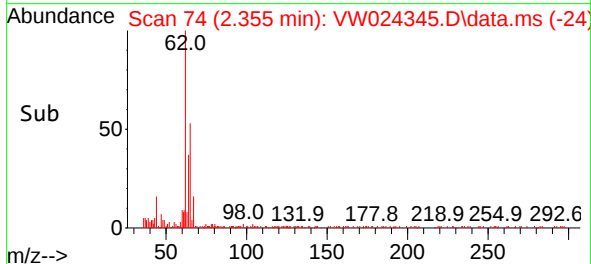
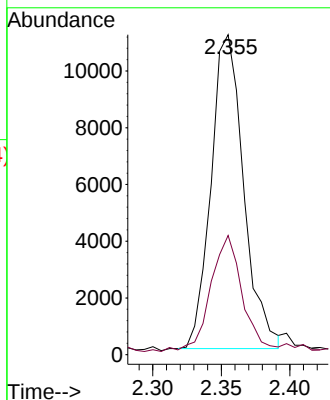
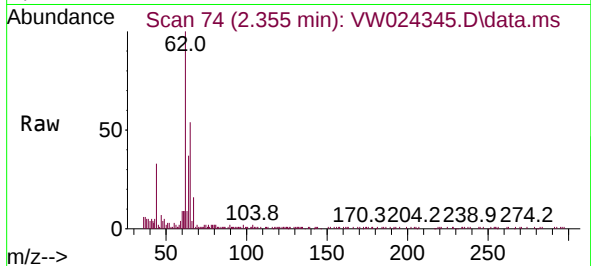




#5
 Vinyl chloride
 Concen: 2.722 ug/L
 RT: 2.355 min Scan# 74
 Delta R.T. 0.006 min
 Lab File: VW024345.D
 Acq: 26 Aug 2022 11:15

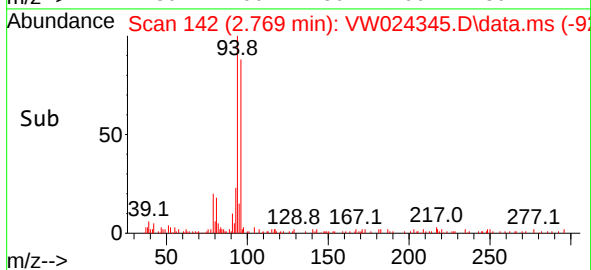
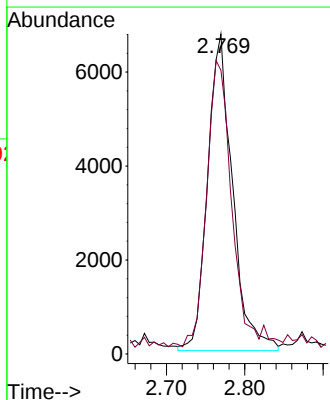
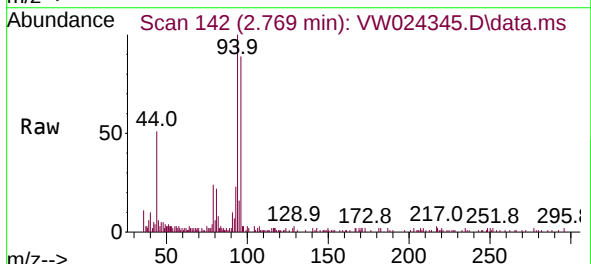
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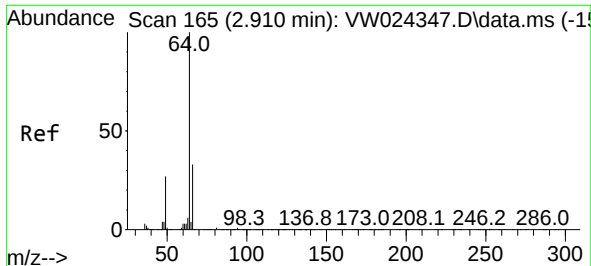
Tgt Ion: 62 Resp: 18356
 Ion Ratio Lower Upper
 62 100
 64 37.3 23.6 43.8



#6
 Bromomethane
 Concen: 3.151 ug/L
 RT: 2.769 min Scan# 142
 Delta R.T. 0.006 min
 Lab File: VW024345.D
 Acq: 26 Aug 2022 11:15

Tgt Ion: 94 Resp: 14915
 Ion Ratio Lower Upper
 94 100
 96 88.7 63.6 118.0

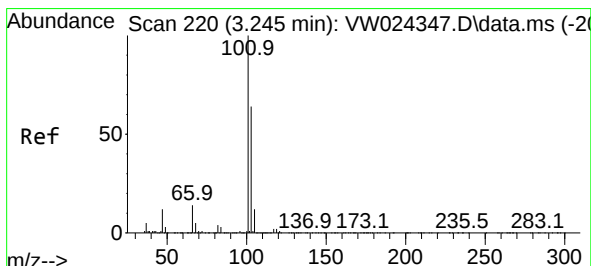
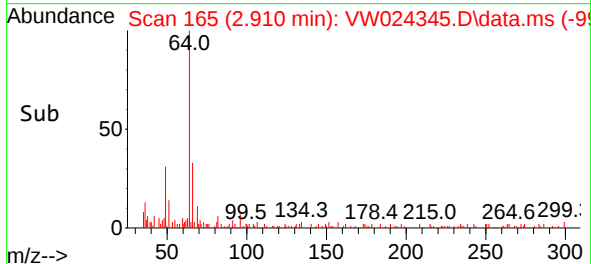
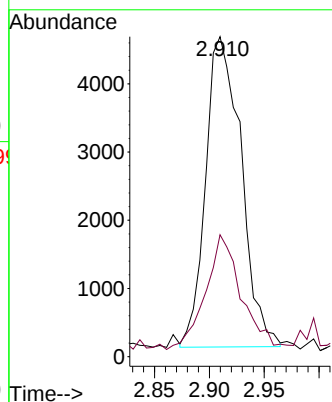
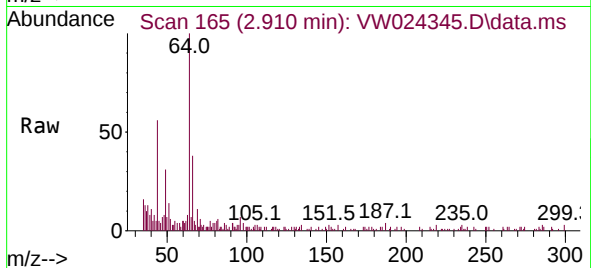




#8
Chloroethane
Concen: 2.876 ug/L
RT: 2.910 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW024345.D
Acq: 26 Aug 2022 11:15

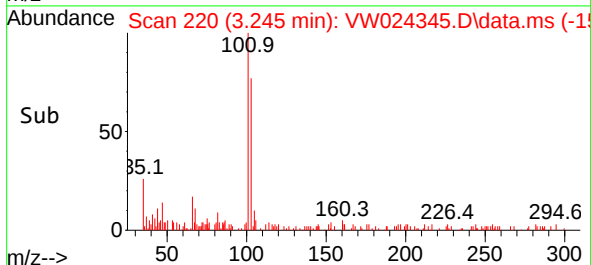
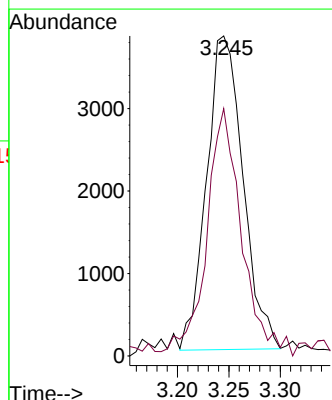
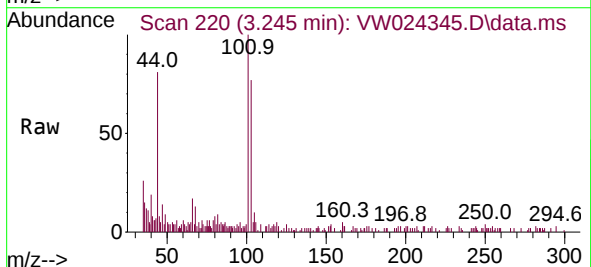
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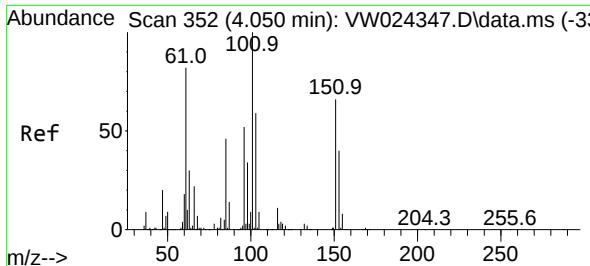
Tgt Ion: 64 Resp: 10249
Ion Ratio Lower Upper
64 100
66 38.1 23.0 42.6



#9
Trichlorofluoromethane
Concen: 2.960 ug/L
RT: 3.245 min Scan# 220
Delta R.T. 0.000 min
Lab File: VW024345.D
Acq: 26 Aug 2022 11:15

Tgt Ion: 101 Resp: 9384
Ion Ratio Lower Upper
101 100
103 73.9 50.4 75.6

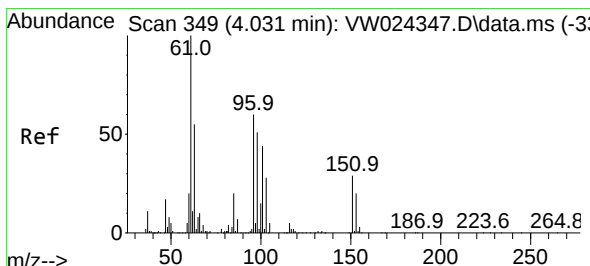
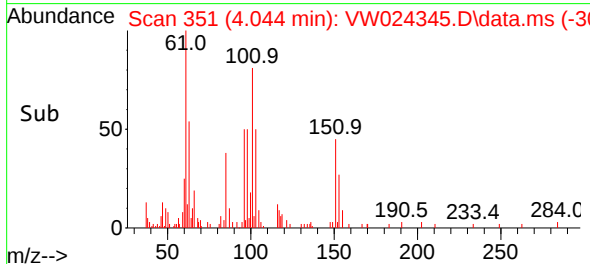
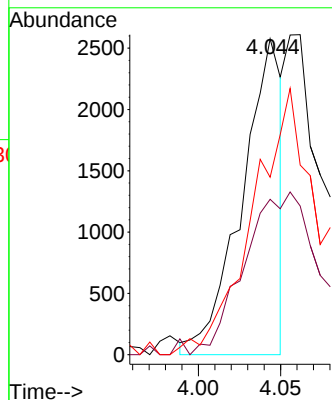
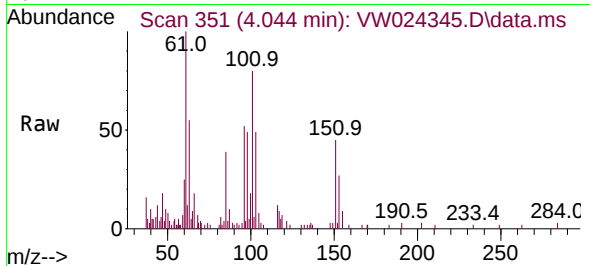




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 1.436 ug/L
 RT: 4.044 min Scan# 352
 Delta R.T. -0.006 min
 Lab File: VW024345.D
 Acq: 26 Aug 2022 11:15

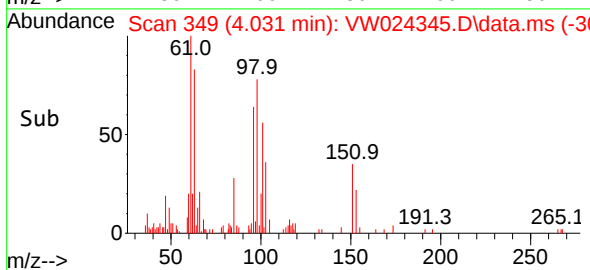
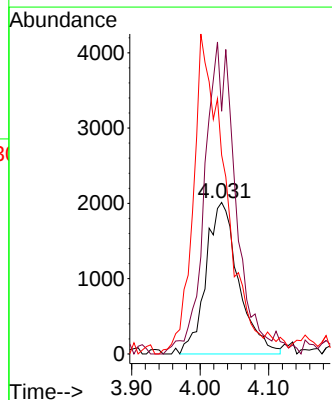
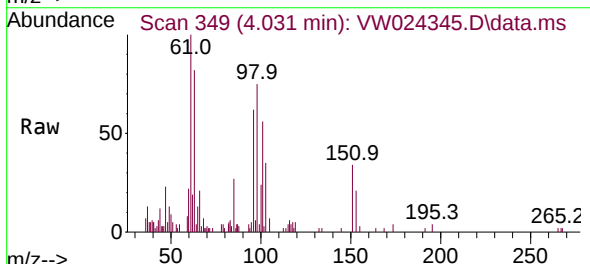
Instrument :
 MSVOA_W
 ClientSampleId :

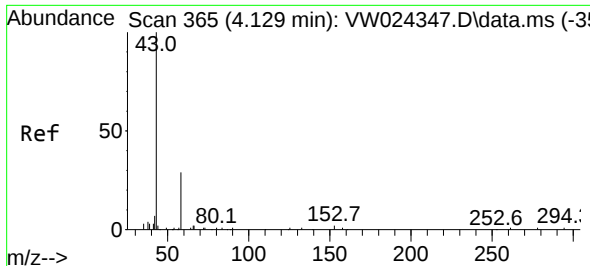
Tgt Ion:101 Resp: 4353
 Ion Ratio Lower Upper
 101 100
 85 51.0 39.1 58.7
 151 0.0 56.8 85.2#



#12
 1,1-Dichloroethene
 Concen: 2.707 ug/L
 RT: 4.031 min Scan# 349
 Delta R.T. 0.000 min
 Lab File: VW024345.D
 Acq: 26 Aug 2022 11:15

Tgt Ion: 96 Resp: 6665
 Ion Ratio Lower Upper
 96 100
 61 160.2 118.8 220.6
 63 131.3 72.8 135.2

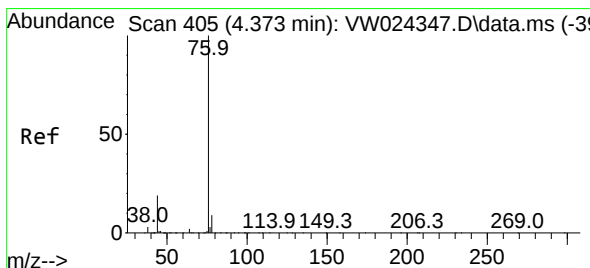
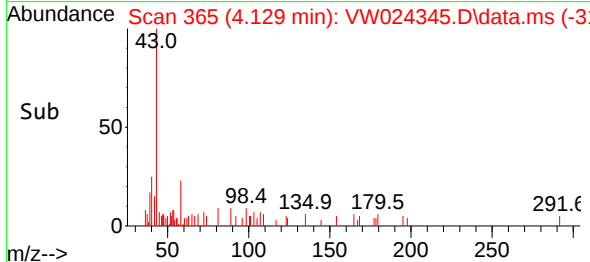
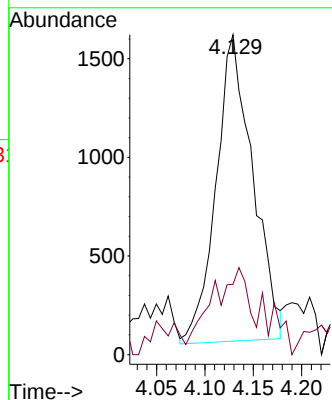
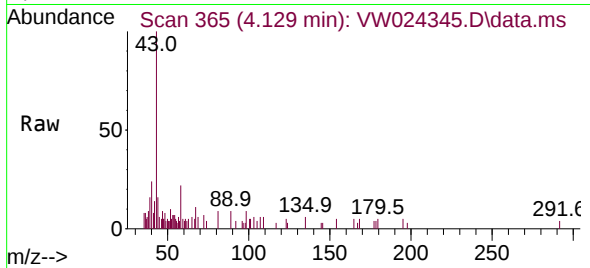




#13
Acetone
Concen: 6.477 ug/L
RT: 4.129 min Scan# 365
Delta R.T. 0.000 min
Lab File: VW024345.D
Acq: 26 Aug 2022 11:15

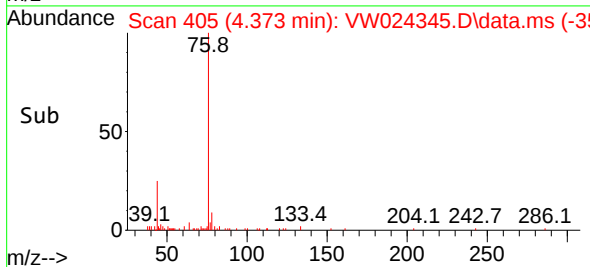
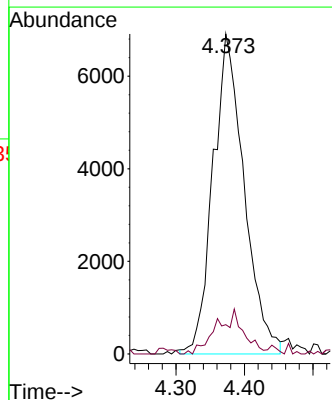
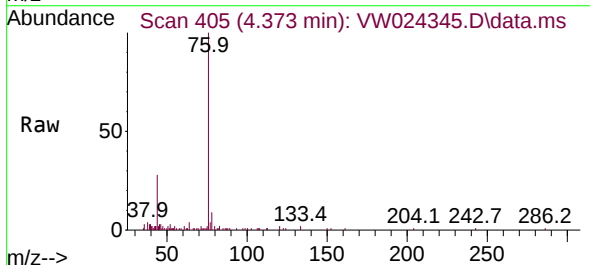
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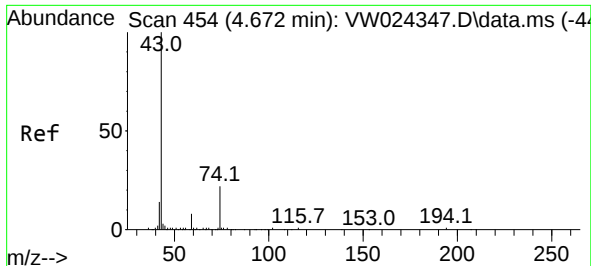
Tgt Ion: 43 Resp: 4096
Ion Ratio Lower Upper
43 100
58 12.6 0.0 58.4



#14
Carbon disulfide
Concen: 2.663 ug/L
RT: 4.373 min Scan# 405
Delta R.T. 0.000 min
Lab File: VW024345.D
Acq: 26 Aug 2022 11:15

Tgt Ion: 76 Resp: 21789
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.2

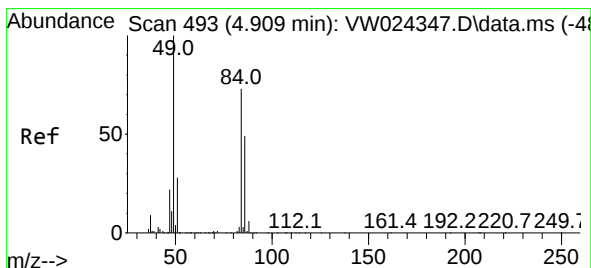
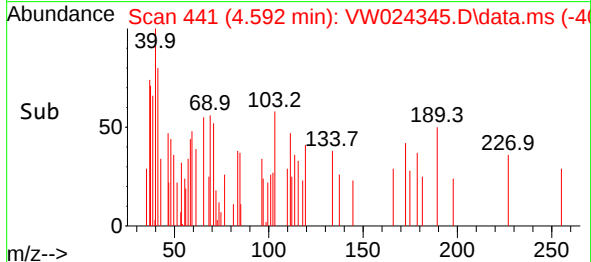
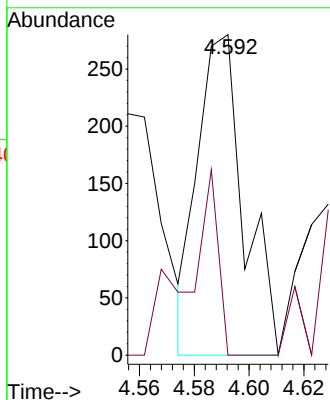
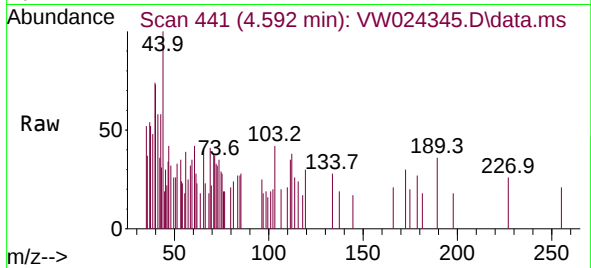




#15
Methyl Acetate
Concen: 0.216 ug/L
RT: 4.592 min Scan# 441
Delta R.T. -0.079 min
Lab File: VW024345.D
Acq: 26 Aug 2022 11:15

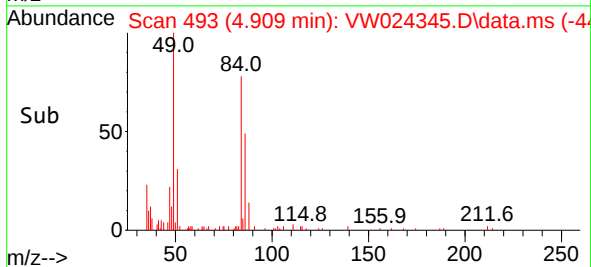
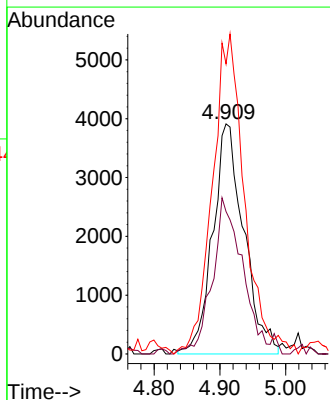
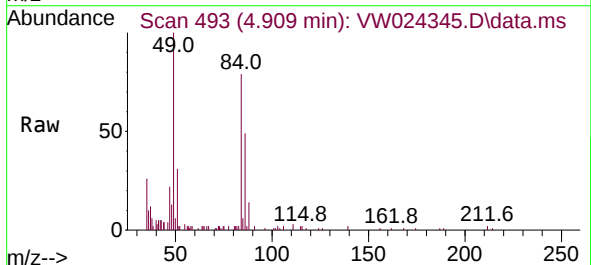
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ClientSampleId :

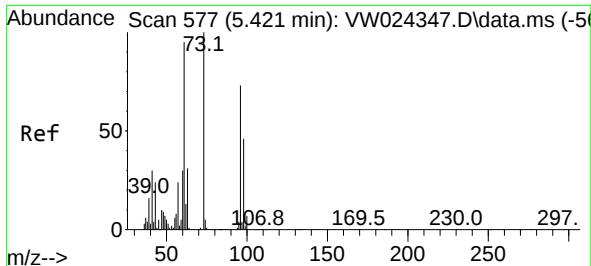
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Ion Ratio Lower Upper
43 100
74 17.9 17.9 26.9



#16
Methylene chloride
Concen: 3.771 ug/L
RT: 4.909 min Scan# 493
Delta R.T. 0.000 min
Lab File: VW024345.D
Acq: 26 Aug 2022 11:15

Tgt Ion: 84 Resp: 12860
Ion Ratio Lower Upper
84 100
86 61.9 47.7 88.7
49 126.1 96.6 179.4

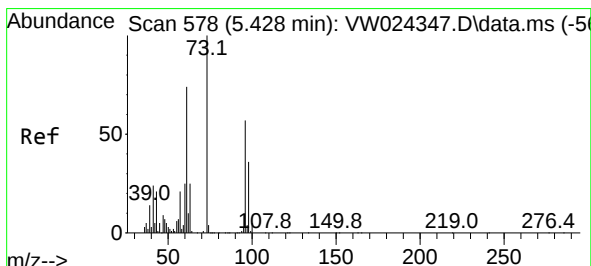
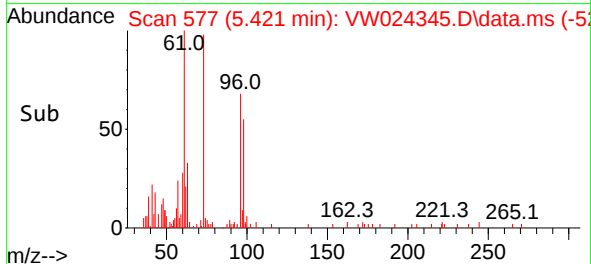
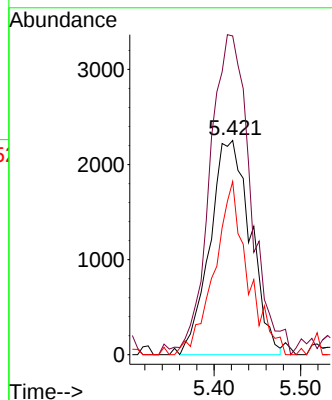
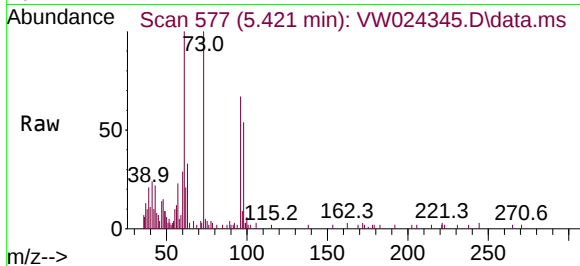




#17
trans-1,2-Dichloroethene
Concen: 2.514 ug/L
RT: 5.421 min Scan# 577
Delta R.T. 0.000 min
Lab File: VW024345.D
Acq: 26 Aug 2022 11:15

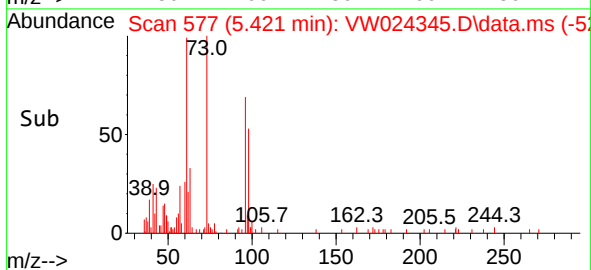
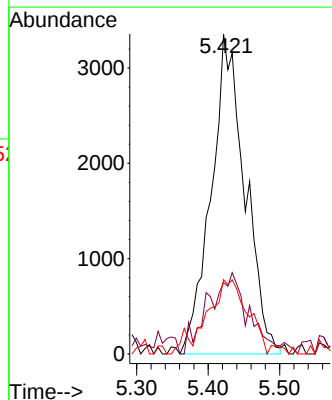
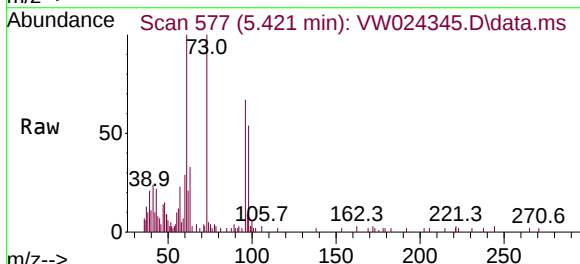
Instrument :
MSVOA_W
ClientSampleId :

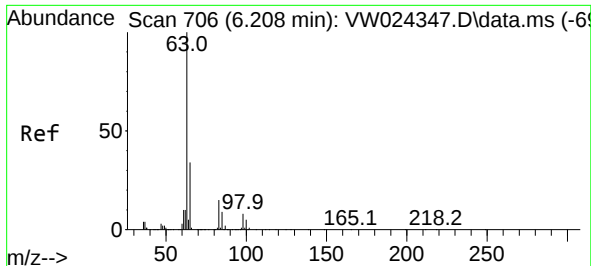
Tgt Ion: 96 Resp: 7328
Ion Ratio Lower Upper
96 100
61 148.7 92.1 171.1
98 80.8 44.7 83.1



#18
Methyl tert-butyl Ether
Concen: 2.311 ug/L
RT: 5.421 min Scan# 577
Delta R.T. -0.006 min
Lab File: VW024345.D
Acq: 26 Aug 2022 11:15

Tgt Ion: 73 Resp: 11030
Ion Ratio Lower Upper
73 100
43 8.8 18.8 28.2#
57 22.7 18.1 27.1





#19

1,1-Dichloroethane

Concen: 2.865 ug/L

RT: 6.214 min Scan# 706

Delta R.T. 0.006 min

Lab File: VW024345.D

Acq: 26 Aug 2022 11:15

Instrument :

MSVOA_W

ClientSampleId :

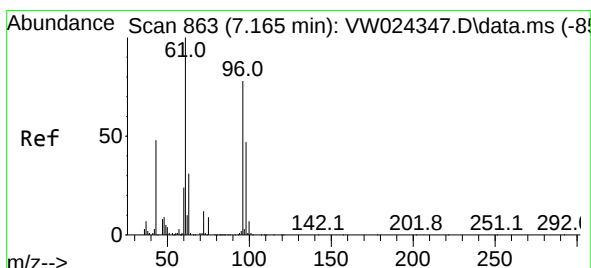
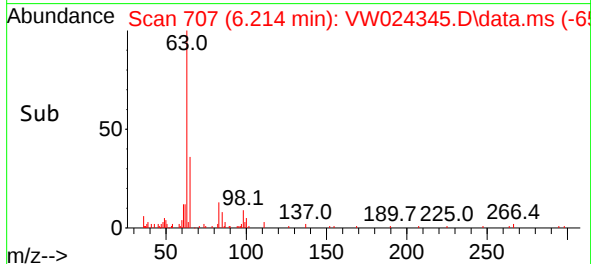
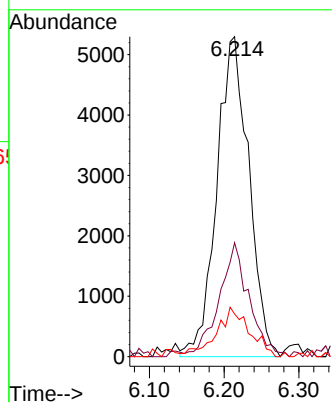
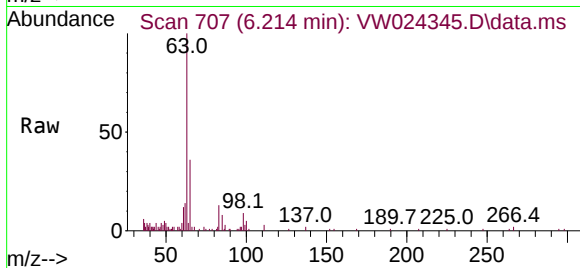
Tgt Ion: 63 Resp: 15792

Ion Ratio Lower Upper

63 100

65 35.6 23.6 43.8

83 13.4 10.4 19.4



#20

cis-1,2-Dichloroethene

Concen: 0.007 ug/L

RT: 6.933 min Scan# 825

Delta R.T. -0.232 min

Lab File: VW024345.D

Acq: 26 Aug 2022 11:15

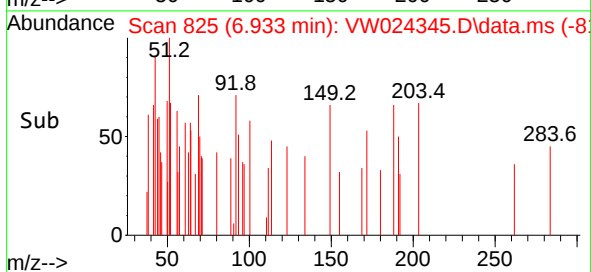
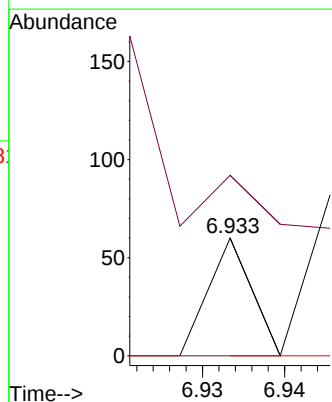
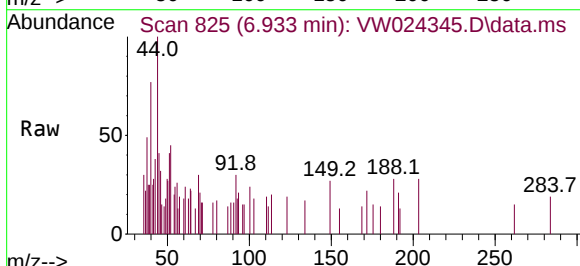
Tgt Ion: 96 Resp: 22

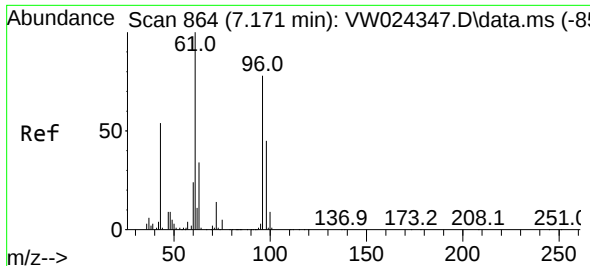
Ion Ratio Lower Upper

96 100

61 153.3 90.2 167.6

68 0.0 0.0 0.0

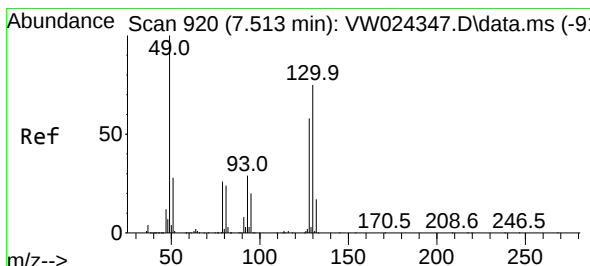
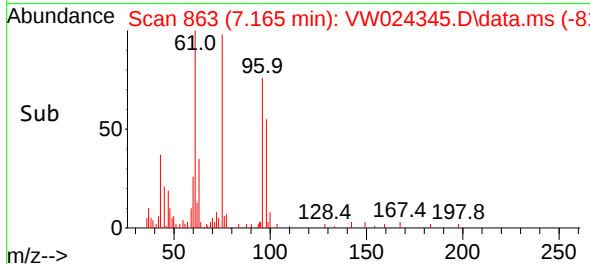
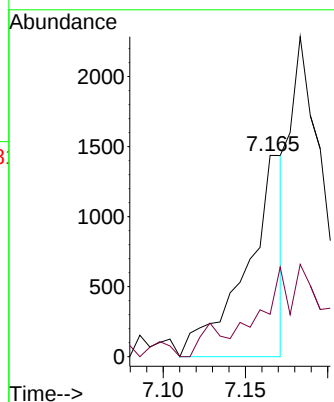
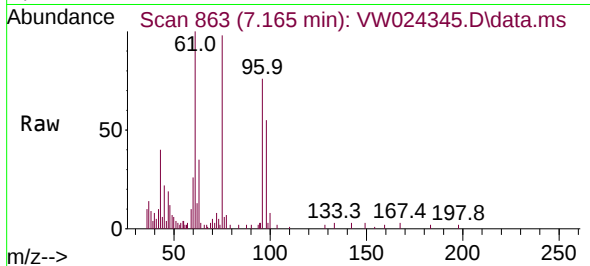




#22
2-Butanone
Concen: 2.036 ug/L
RT: 7.165 min Scan# 864
Delta R.T. -0.006 min
Lab File: VW024345.D
Acq: 26 Aug 2022 11:15

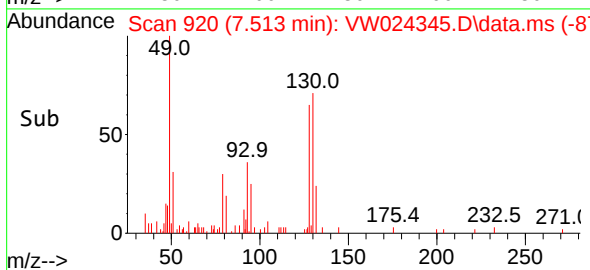
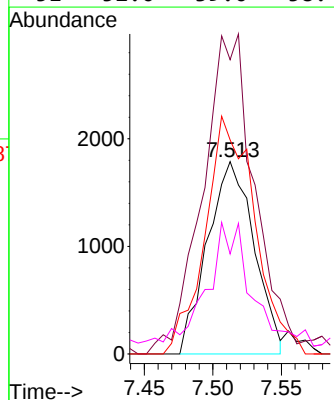
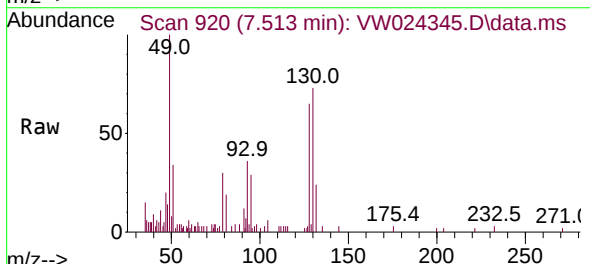
Instrument :
MSVOA_W
ClientSampleId :

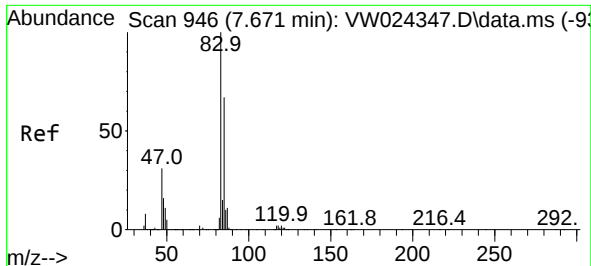
Tgt Ion: 43 Resp: 2266
Ion Ratio Lower Upper
43 100
72 32.7 13.9 41.6



#23
Bromochloromethane
Concen: 2.698 ug/L
RT: 7.513 min Scan# 920
Delta R.T. 0.000 min
Lab File: VW024345.D
Acq: 26 Aug 2022 11:15

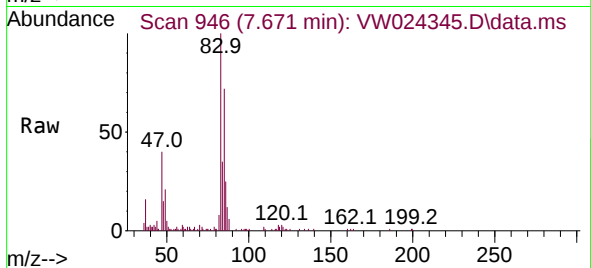
Tgt Ion: 128 Resp: 4222
Ion Ratio Lower Upper
128 100
49 153.0 122.1 226.7
130 111.4 91.1 169.1
51 52.0 39.0 58.4



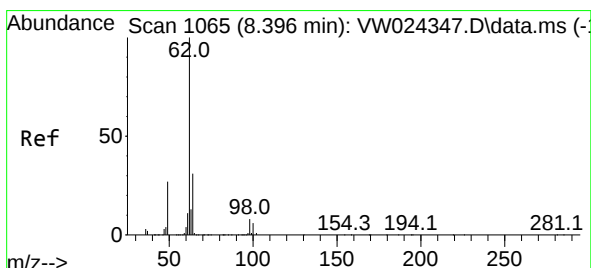
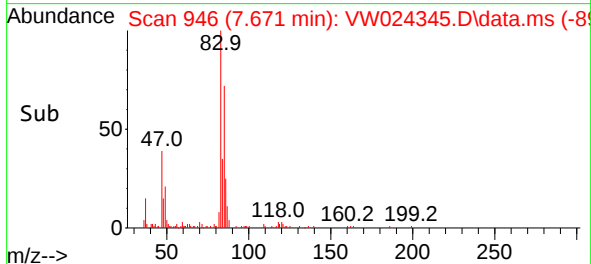
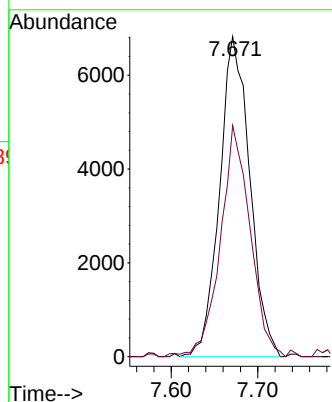


#25
Chloroform
Concen: 2.707 ug/L
RT: 7.671 min Scan# 946
Delta R.T. 0.000 min
Lab File: VW024345.D
Acq: 26 Aug 2022 11:15

Instrument :
MSVOA_W
ClientSampleId :

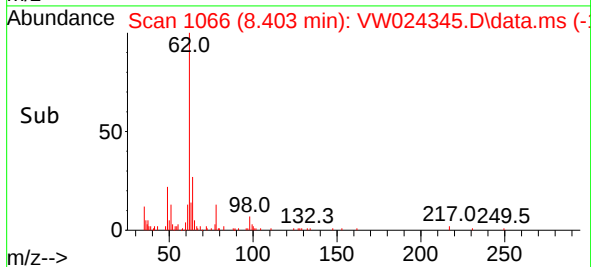
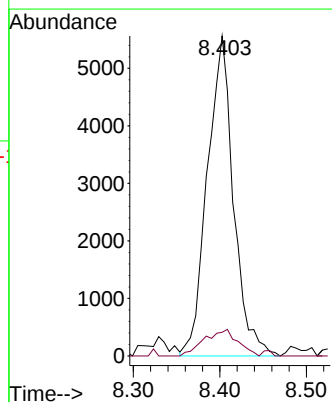
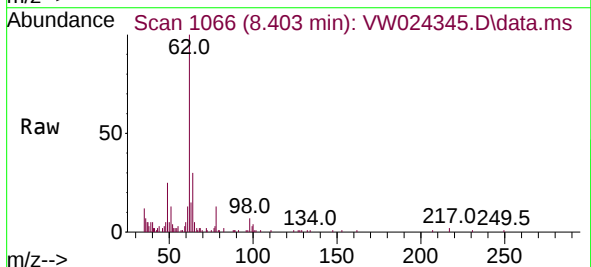


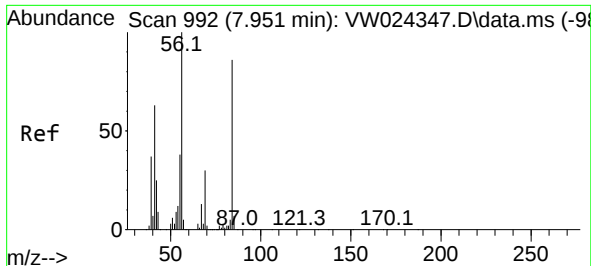
Tgt Ion: 83 Resp: 16553
Ion Ratio Lower Upper
83 100
85 72.3 47.5 88.1



#27
1,2-Dichloroethane
Concen: 2.631 ug/L
RT: 8.403 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VW024345.D
Acq: 26 Aug 2022 11:15

Tgt Ion: 62 Resp: 11708
Ion Ratio Lower Upper
62 100
98 7.4 6.7 10.1





#29

Cyclohexane

Concen: 2.175 ug/L

RT: 7.958 min Scan# 991

Delta R.T. 0.006 min

Lab File: VW024345.D

Acq: 26 Aug 2022 11:15

Instrument :

MSVOA_W

ClientSampleId :

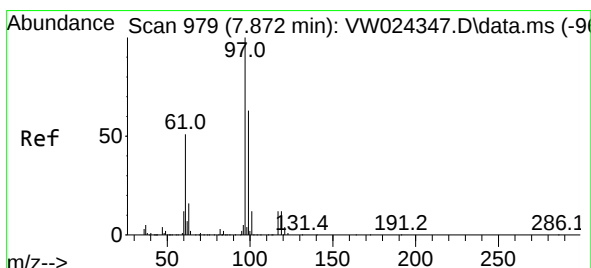
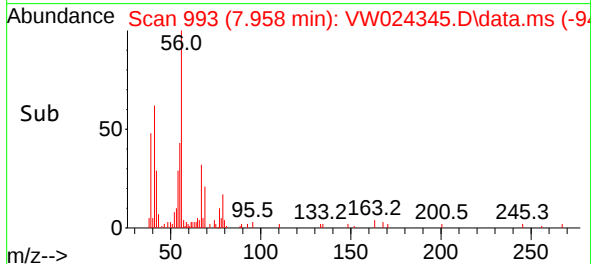
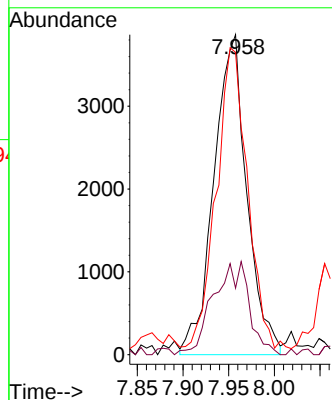
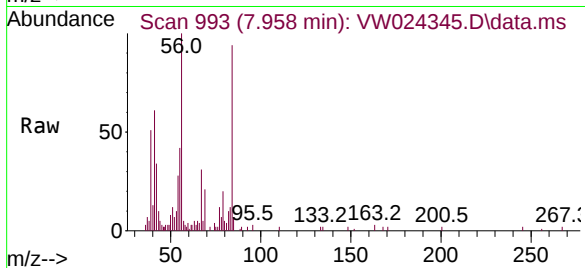
Tgt Ion: 56 Resp: 9713

Ion Ratio Lower Upper

56 100

69 20.8 23.5 35.3#

84 89.9 72.2 108.4



#30

1,1,1-Trichloroethane

Concen: 2.775 ug/L

RT: 7.860 min Scan# 977

Delta R.T. -0.012 min

Lab File: VW024345.D

Acq: 26 Aug 2022 11:15

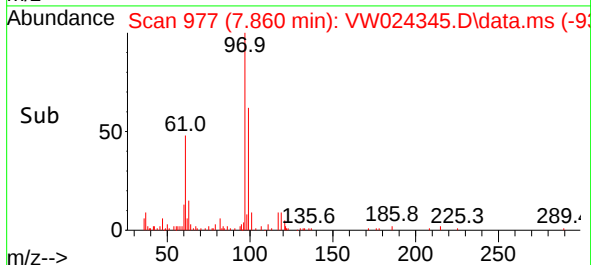
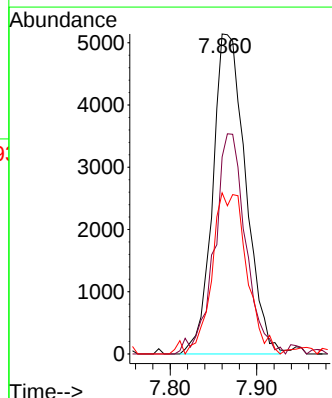
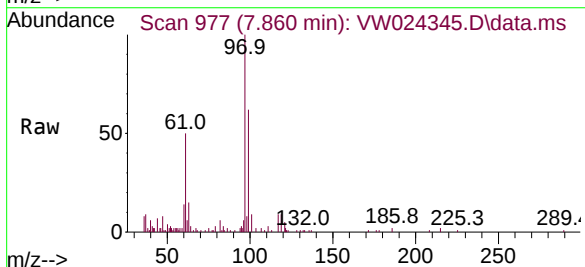
Tgt Ion: 97 Resp: 13549

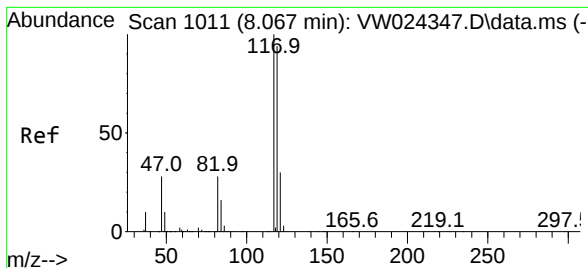
Ion Ratio Lower Upper

97 100

99 64.2 50.2 75.2

61 26.4 40.2 60.4#





#31

Carbon tetrachloride

Concen: 2.764 ug/L

RT: 8.067 min Scan# 1011

Delta R.T. 0.000 min

Lab File: VW024345.D

Acq: 26 Aug 2022 11:15

Instrument :

MSVOA_W

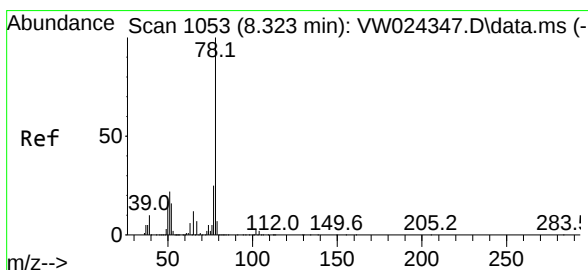
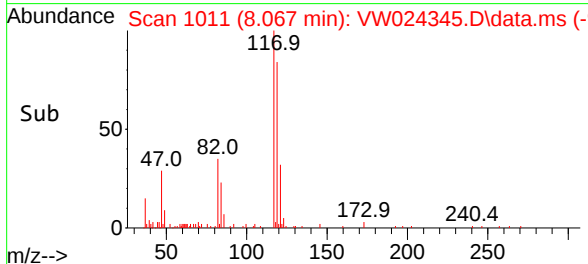
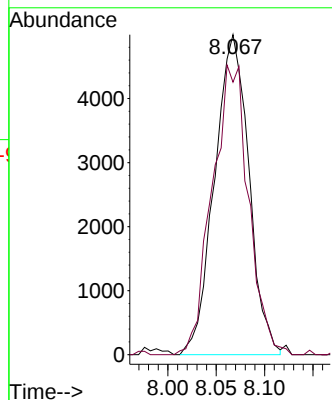
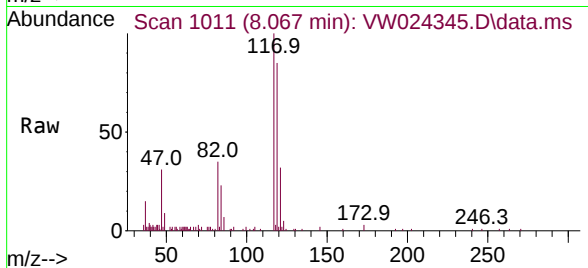
ClientSampleId :

Tgt Ion:117 Resp: 12347

Ion Ratio Lower Upper

117 100

119 95.9 75.9 113.9



#33

Benzene

Concen: 2.419 ug/L

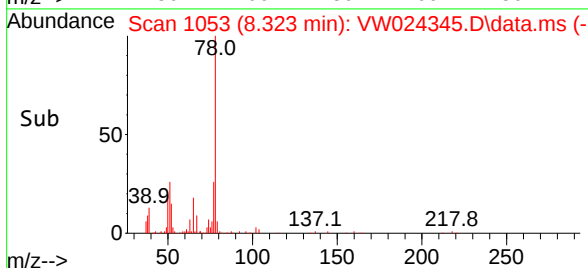
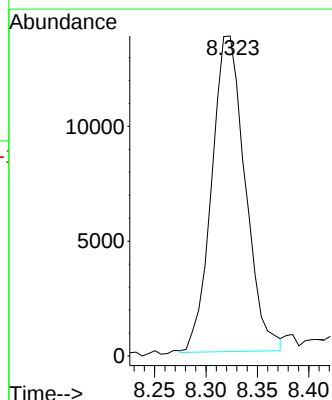
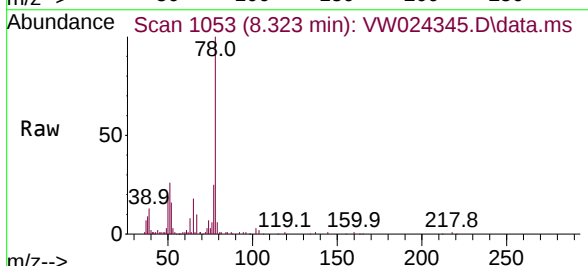
RT: 8.323 min Scan# 1053

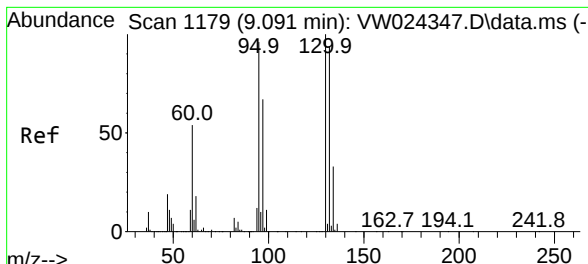
Delta R.T. 0.000 min

Lab File: VW024345.D

Acq: 26 Aug 2022 11:15

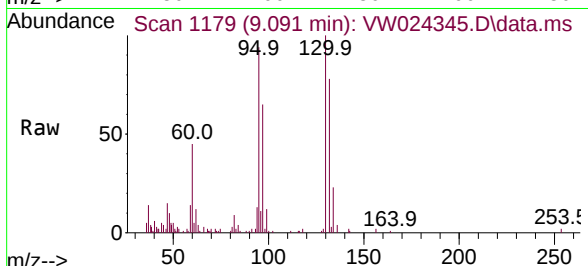
Tgt Ion: 78 Resp: 31187



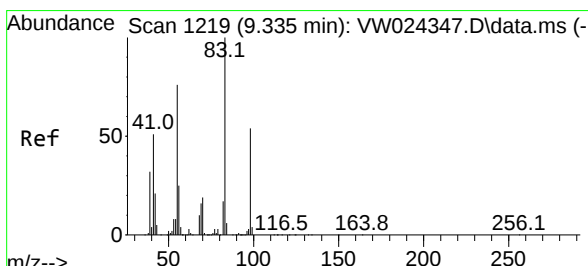
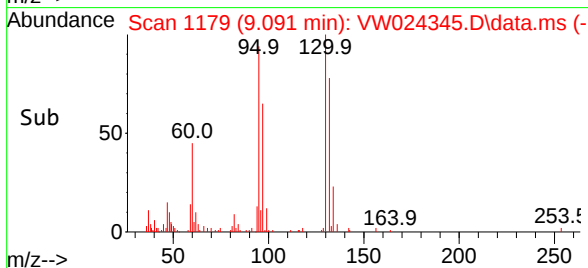
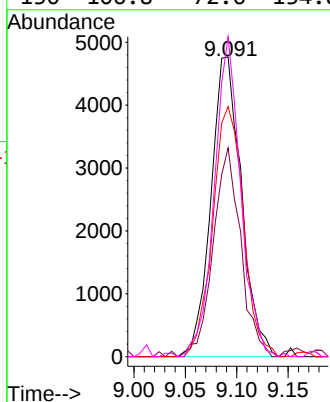


#34
 Trichloroethene
 Concen: 2.893 ug/L
 RT: 9.091 min Scan# 1179
 Delta R.T. 0.000 min
 Lab File: VW024345.D
 Acq: 26 Aug 2022 11:15

Instrument :
 MSVOA_W
 ClientSampleId :

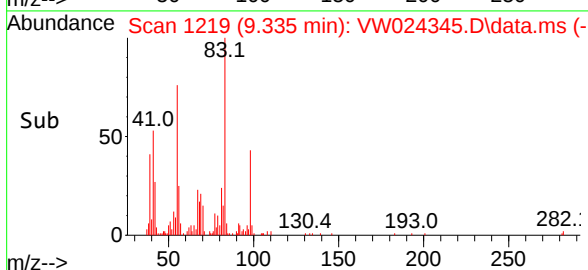
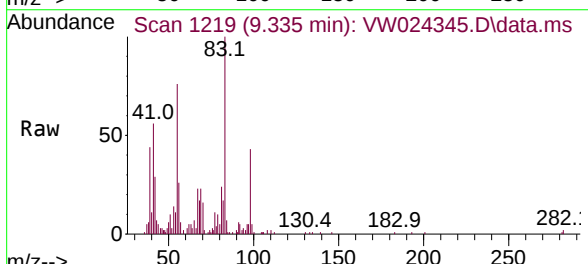
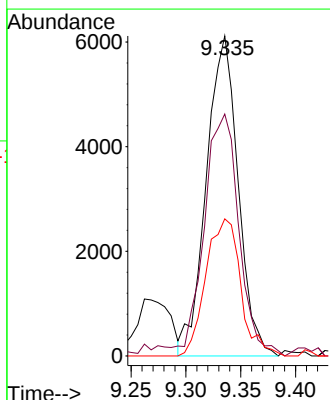


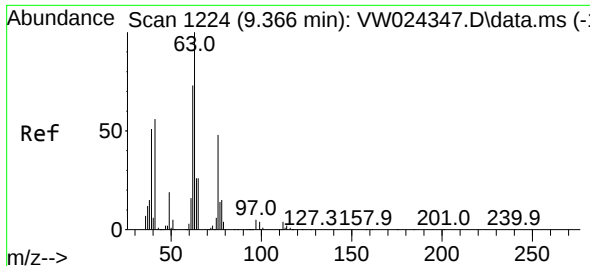
Tgt Ion:	95	Resp:	9830
Ion	Ratio	Lower	Upper
95	100		
97	69.7	48.4	89.8
132	83.4	68.6	127.4
130	106.8	72.6	134.8



#35
 Methylcyclohexane
 Concen: 2.265 ug/L
 RT: 9.335 min Scan# 1219
 Delta R.T. 0.000 min
 Lab File: VW024345.D
 Acq: 26 Aug 2022 11:15

Tgt Ion:	83	Resp:	12354
Ion	Ratio	Lower	Upper
83	100		
55	81.3	60.1	90.1
98	46.9	40.5	60.7





#37

1,2-Dichloropropane

Concen: 0.354 ug/L

RT: 9.268 min Scan# 1173

Delta R.T. -0.098 min

Lab File: VW024345.D

Acq: 26 Aug 2022 11:15

Instrument :

MSVOA_W

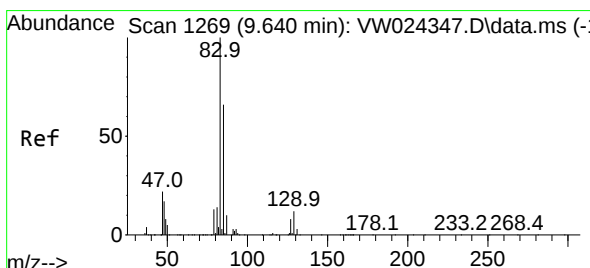
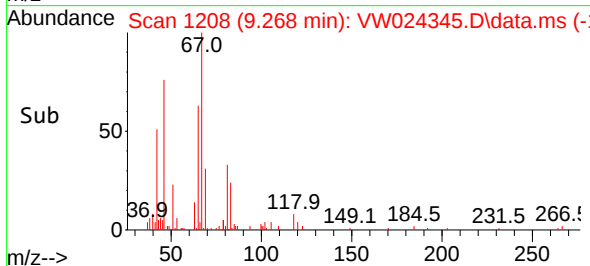
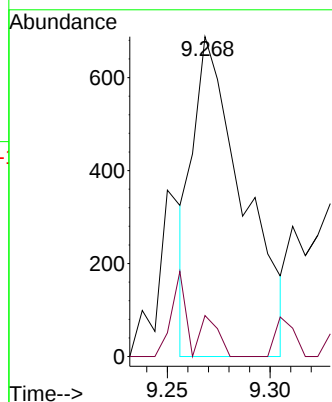
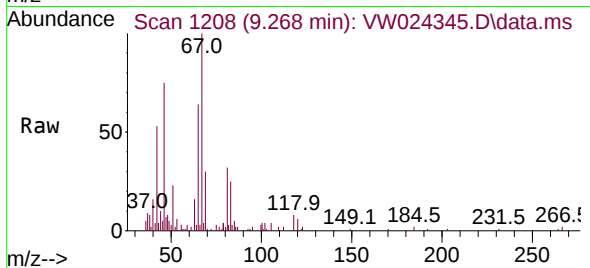
ClientSampleId :

Tgt Ion: 63 Resp: 1173

Ion Ratio Lower Upper

63 100

112 4.6 3.4 5.0



#38

Bromodichloromethane

Concen: 2.642 ug/L

RT: 9.640 min Scan# 1269

Delta R.T. 0.000 min

Lab File: VW024345.D

Acq: 26 Aug 2022 11:15

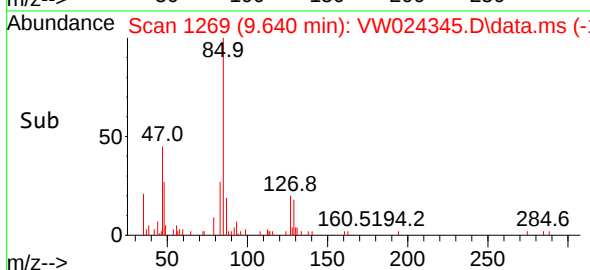
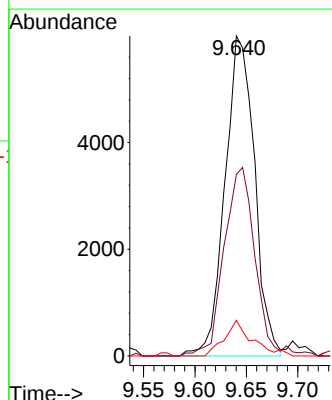
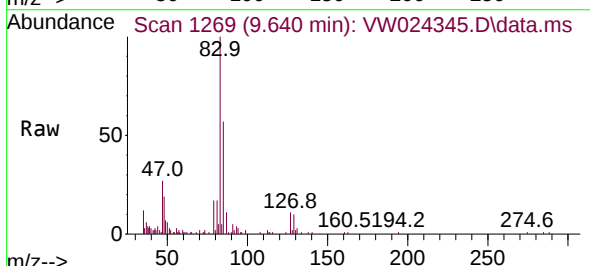
Tgt Ion: 83 Resp: 11972

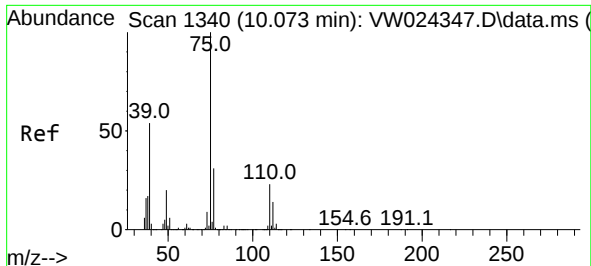
Ion Ratio Lower Upper

83 100

85 56.7 46.3 85.9

127 11.1 6.7 10.1#





#39

cis-1,3-Dichloropropene

Concen: 2.051 ug/L

RT: 10.073 min Scan# 1340

Delta R.T. 0.000 min

Lab File: VW024345.D

Acq: 26 Aug 2022 11:15

Instrument :

MSVOA_W

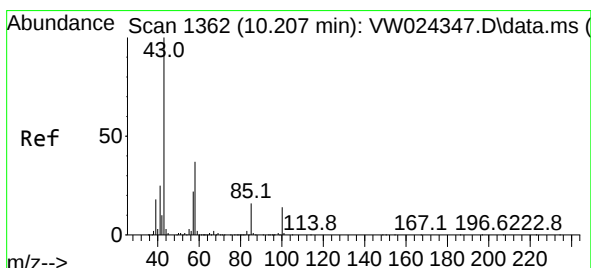
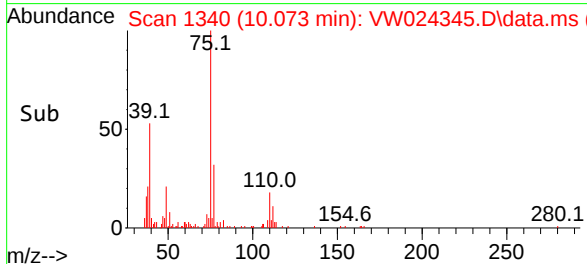
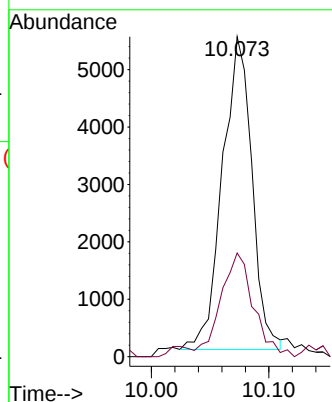
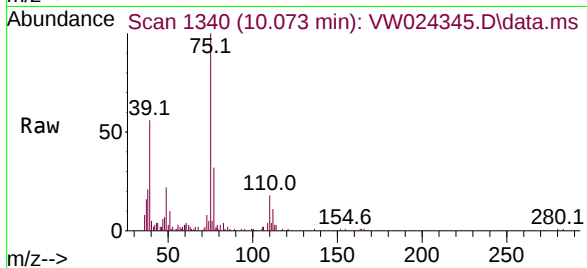
ClientSampleId :

Tgt Ion: 75 Resp: 9541

Ion Ratio Lower Upper

75 100

77 32.4 21.8 40.6



#40

4-Methyl-2-pentanone

Concen: 0.376 ug/L

RT: 10.390 min Scan# 1392

Delta R.T. 0.183 min

Lab File: VW024345.D

Acq: 26 Aug 2022 11:15

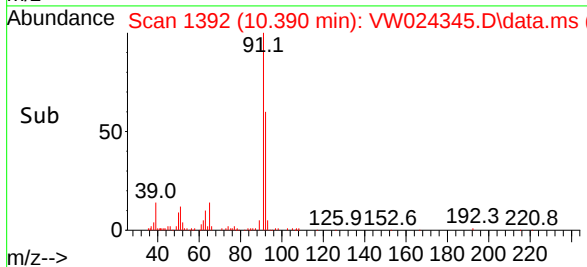
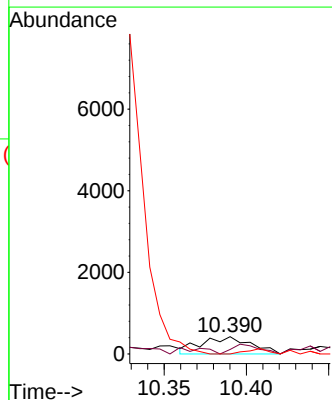
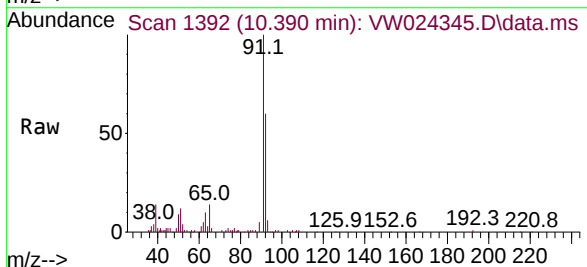
Tgt Ion: 43 Resp: 881

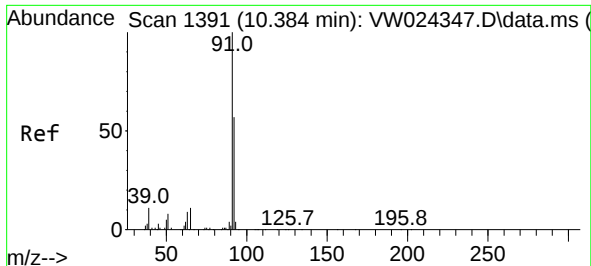
Ion Ratio Lower Upper

43 100

58 31.1 29.4 44.2

100 12.8 11.8 17.8

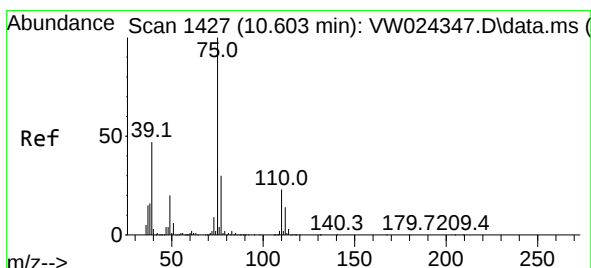
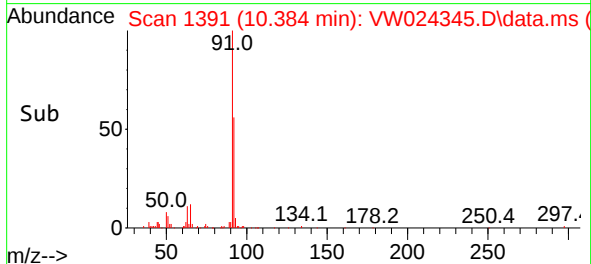
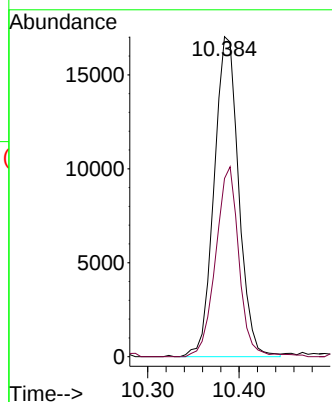
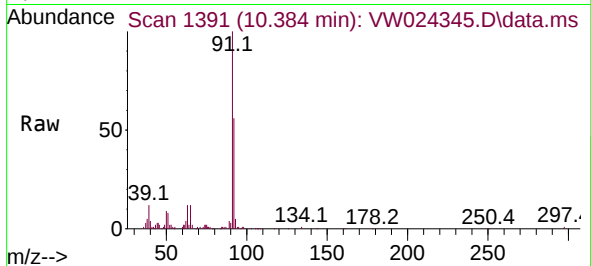




#42
Toluene
Concen: 2.236 ug/L
RT: 10.384 min Scan# 1391
Delta R.T. 0.000 min
Lab File: VW024345.D
Acq: 26 Aug 2022 11:15

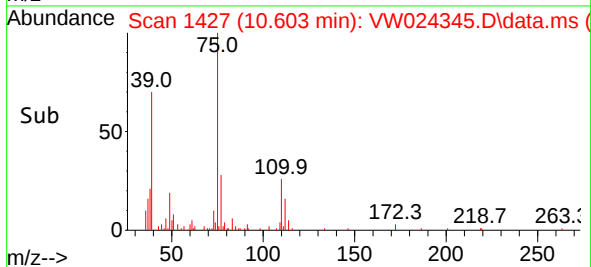
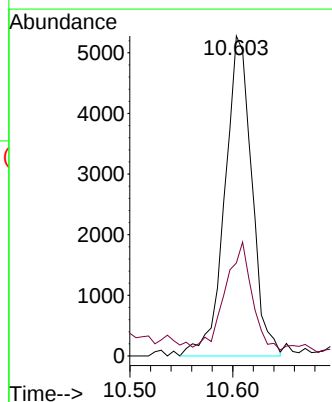
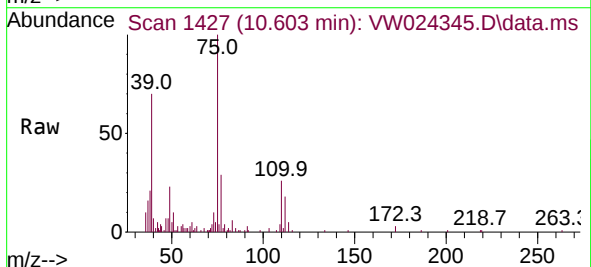
Instrument :
MSVOA_W
ClientSampleId :

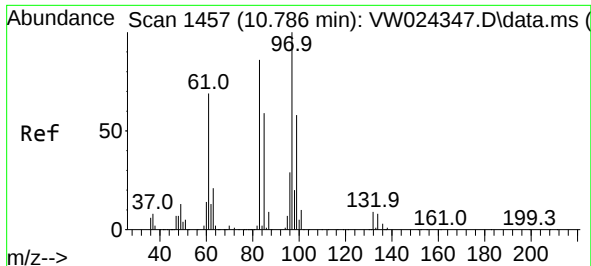
Tgt Ion: 91 Resp: 31818
Ion Ratio Lower Upper
91 100
92 55.7 40.0 74.4



#44
trans-1,3-Dichloropropene
Concen: 2.130 ug/L
RT: 10.603 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VW024345.D
Acq: 26 Aug 2022 11:15

Tgt Ion: 75 Resp: 9626
Ion Ratio Lower Upper
75 100
77 29.0 21.1 39.1

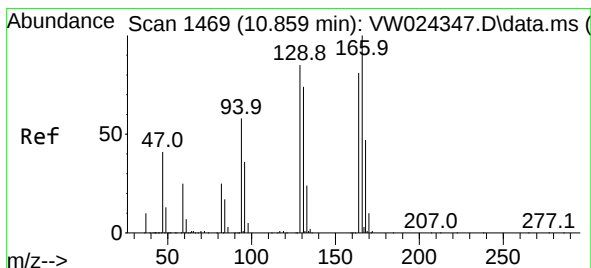
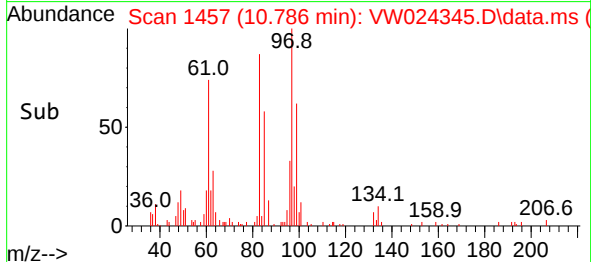
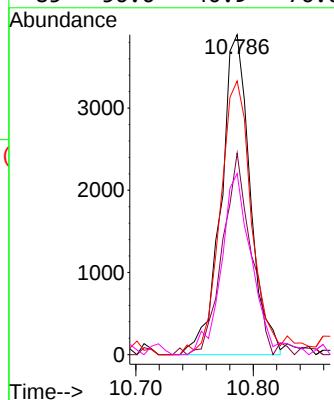
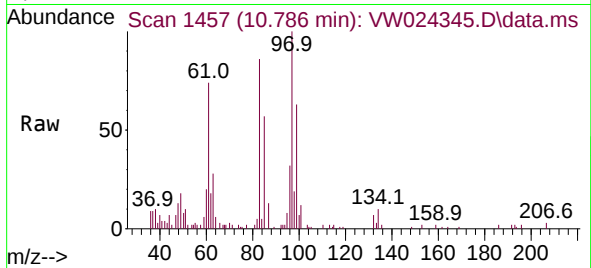




#45
1,1,2-Trichloroethane
Concen: 2.469 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VW024345.D
Acq: 26 Aug 2022 11:15

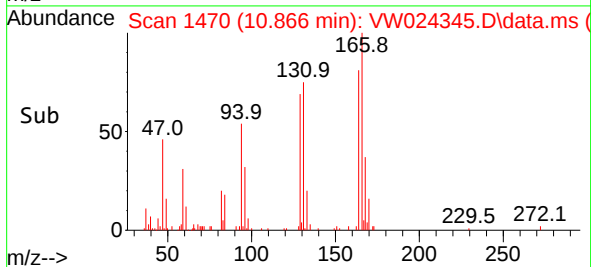
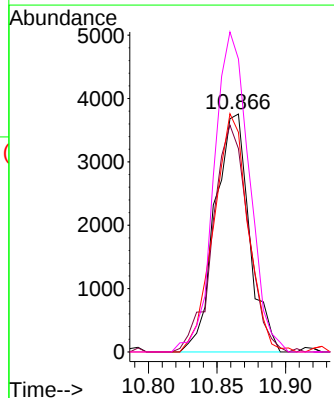
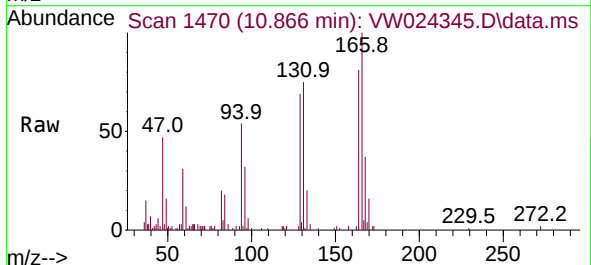
Instrument :
MSVOA_W
ClientSampleId :

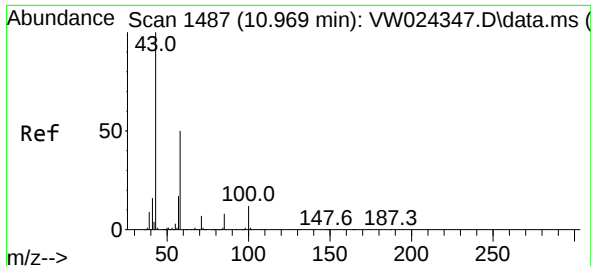
Tgt Ion:	97	Resp:	6700
Ion	Ratio	Lower	Upper
97	100		
99	63.0	40.4	75.0
83	85.5	60.1	111.5
85	56.6	40.9	76.0



#46
Tetrachloroethene
Concen: 2.479 ug/L
RT: 10.866 min Scan# 1470
Delta R.T. 0.006 min
Lab File: VW024345.D
Acq: 26 Aug 2022 11:15

Tgt Ion:	164	Resp:	6542
Ion	Ratio	Lower	Upper
164	100		
129	85.5	72.9	135.3
131	92.3	63.7	118.3
166	123.1	86.2	160.0

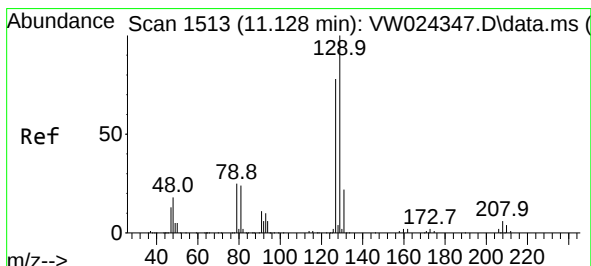
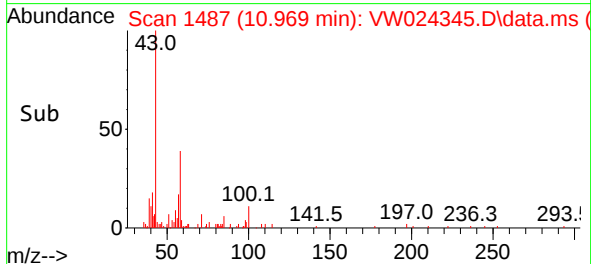
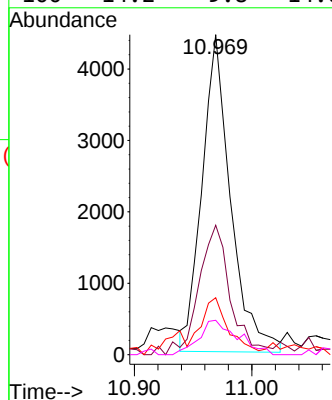
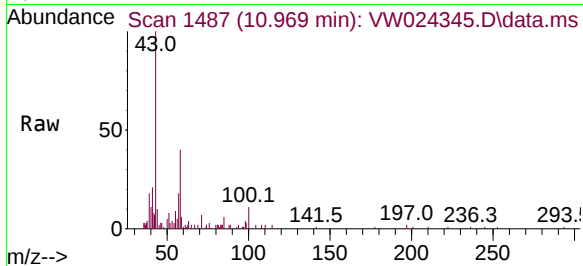




#48
2-Hexanone
Concen: 4.299 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VW024345.D
Acq: 26 Aug 2022 11:15

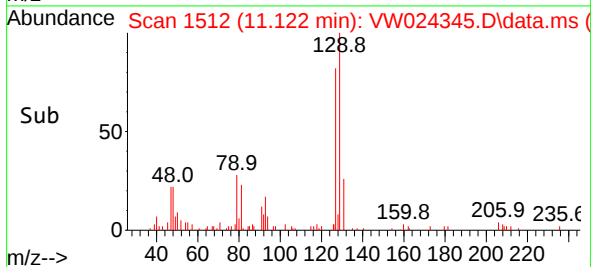
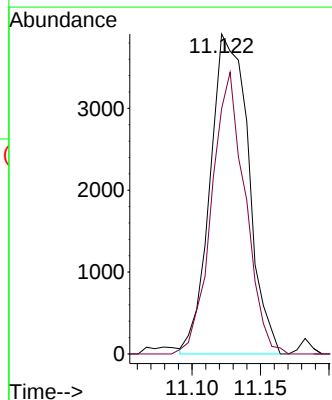
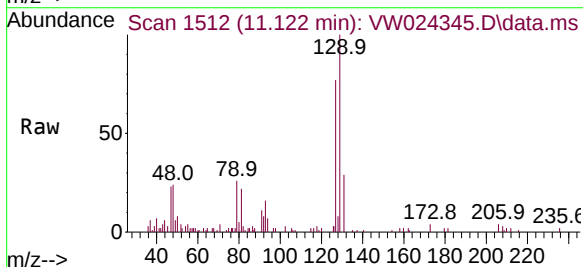
Instrument :
MSVOA_W
ClientSampleId :

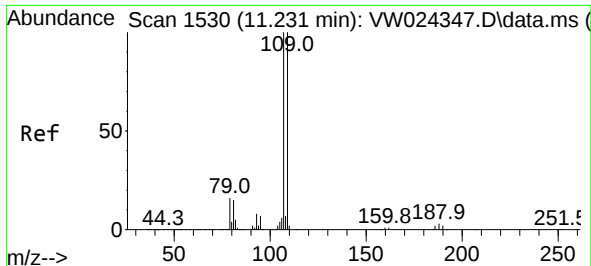
Tgt Ion:	43	Resp:	7502
Ion	Ratio	Lower	Upper
43	100		
58	40.8	40.6	61.0
57	14.8	14.2	21.2
100	14.2	9.8	14.6



#49
Dibromochloromethane
Concen: 2.365 ug/L
RT: 11.122 min Scan# 1512
Delta R.T. -0.006 min
Lab File: VW024345.D
Acq: 26 Aug 2022 11:15

Tgt Ion:	129	Resp:	7590
Ion	Ratio	Lower	Upper
129	100		
127	76.7	54.6	101.4

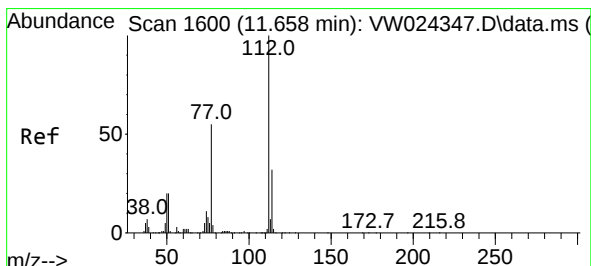
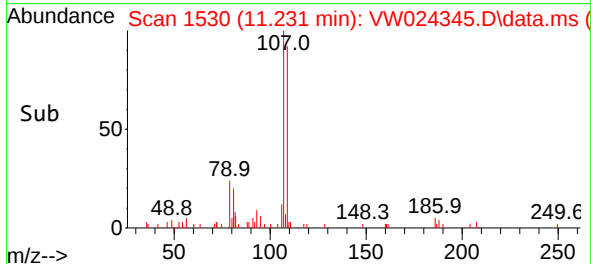
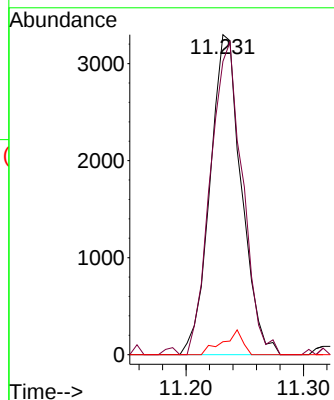
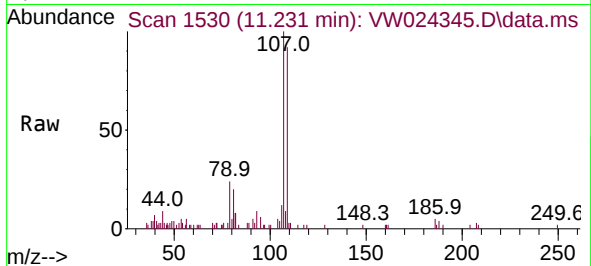




#50
1,2-Dibromoethane
Concen: 2.344 ug/L
RT: 11.231 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW024345.D
Acq: 26 Aug 2022 11:15

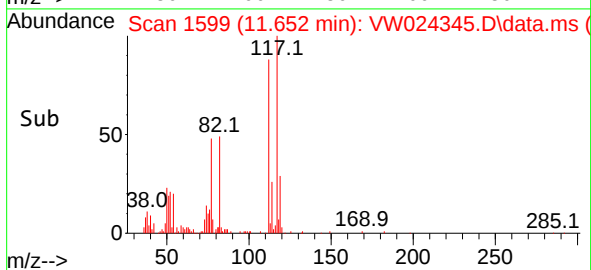
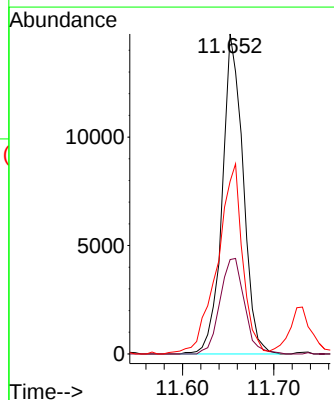
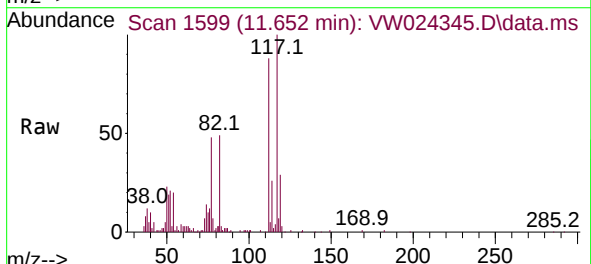
Instrument :
MSVOA_W
ClientSampleId :

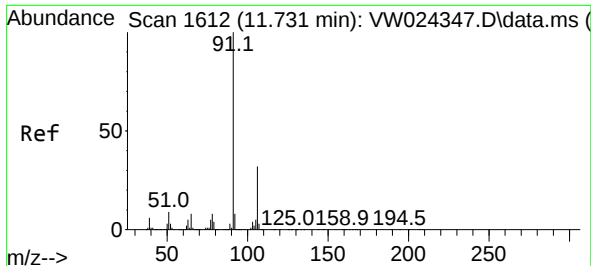
Tgt Ion:107 Resp: 6115
Ion Ratio Lower Upper
107 100
109 91.6 70.1 130.1
188 4.1 2.6 3.8#



#51
Chlorobenzene
Concen: 2.447 ug/L
RT: 11.652 min Scan# 1599
Delta R.T. -0.006 min
Lab File: VW024345.D
Acq: 26 Aug 2022 11:15

Tgt Ion:112 Resp: 23373
Ion Ratio Lower Upper
112 100
114 29.5 22.3 41.3
77 53.9 44.1 66.1

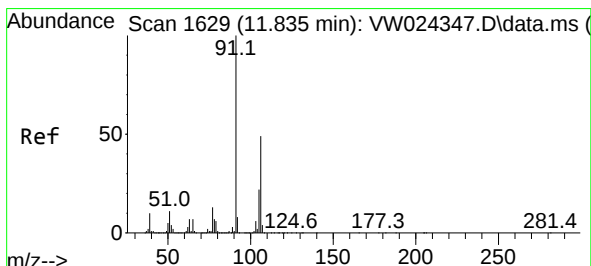
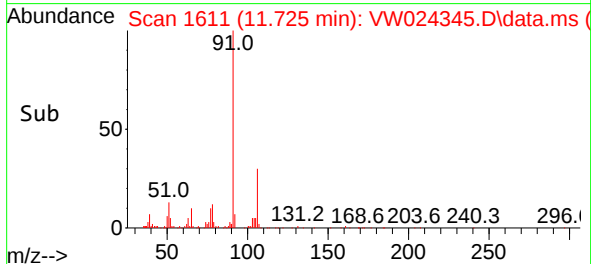
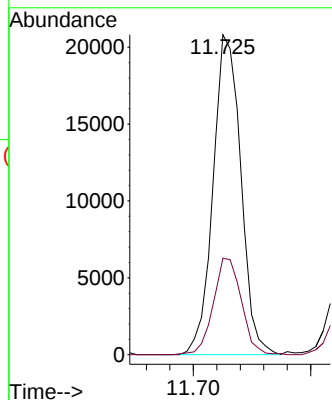
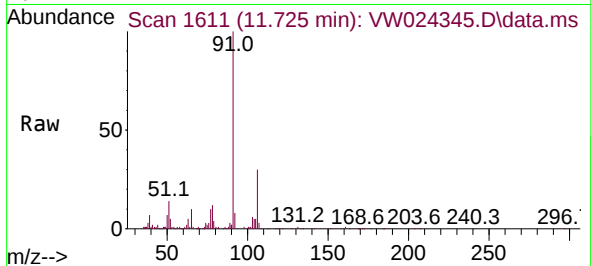




#52
Ethylbenzene
Concen: 2.172 ug/L
RT: 11.725 min Scan# 1611
Delta R.T. -0.006 min
Lab File: VW024345.D
Acq: 26 Aug 2022 11:15

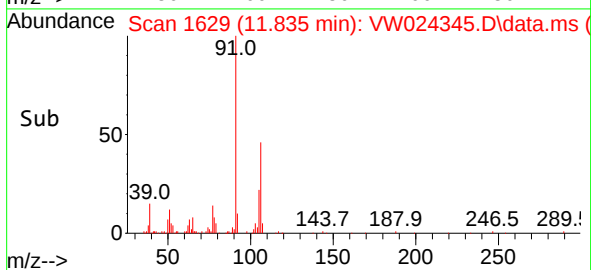
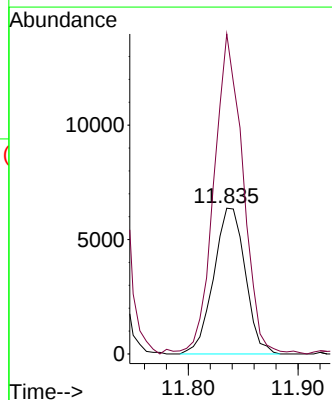
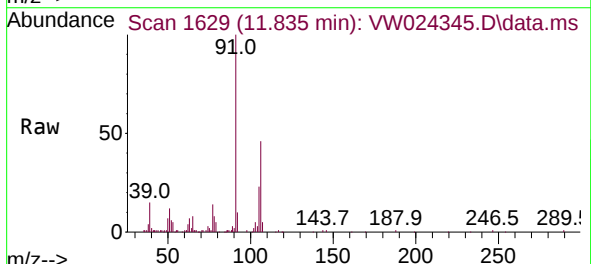
Instrument :
MSVOA_W
ClientSampleId :

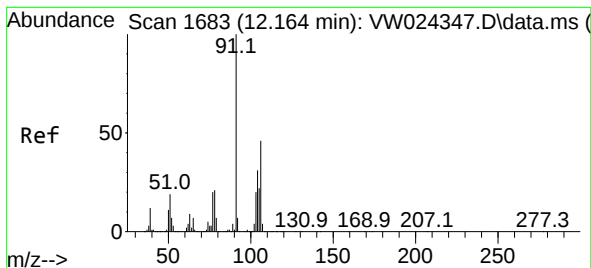
Tgt Ion: 91 Resp: 34171
Ion Ratio Lower Upper
91 100
106 30.1 22.7 42.3



#53
m,p-Xylene
Concen: 2.062 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VW024345.D
Acq: 26 Aug 2022 11:15

Tgt Ion: 106 Resp: 12740
Ion Ratio Lower Upper
106 100
91 219.5 144.3 267.9





#54

o-Xylene

Concen: 1.943 ug/L

RT: 12.164 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW024345.D

Acq: 26 Aug 2022 11:15

Instrument :

MSVOA_W

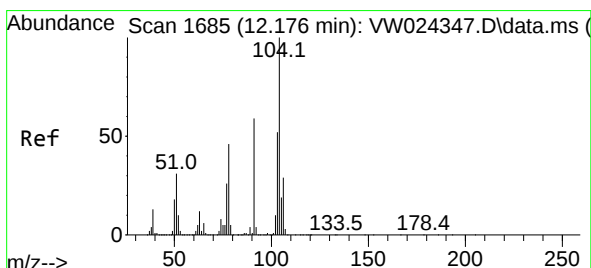
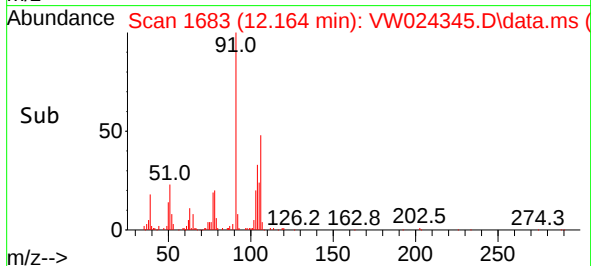
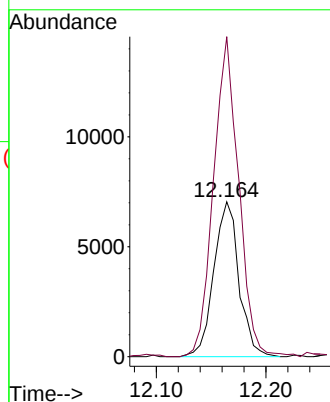
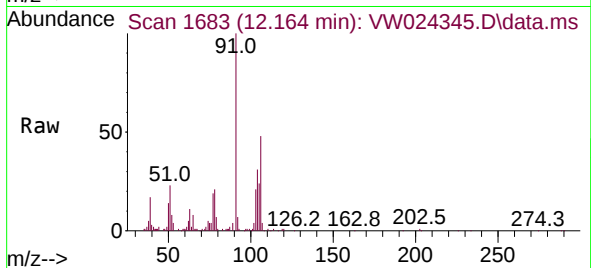
ClientSampleId :

Tgt Ion:106 Resp: 11225

Ion Ratio Lower Upper

106 100

91 206.5 152.1 282.5



#55

Styrene

Concen: 1.795 ug/L

RT: 12.176 min Scan# 1685

Delta R.T. 0.000 min

Lab File: VW024345.D

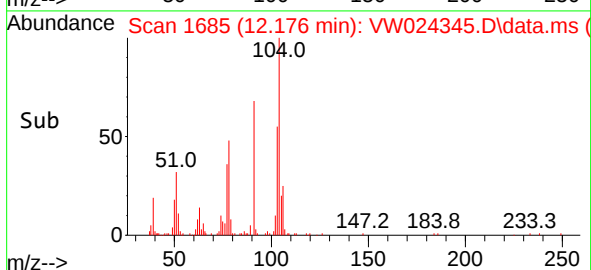
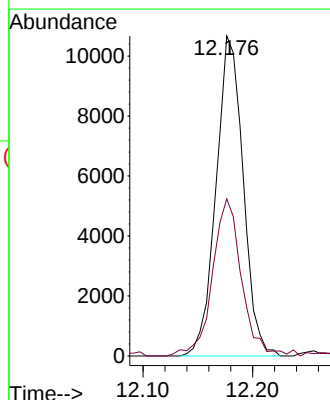
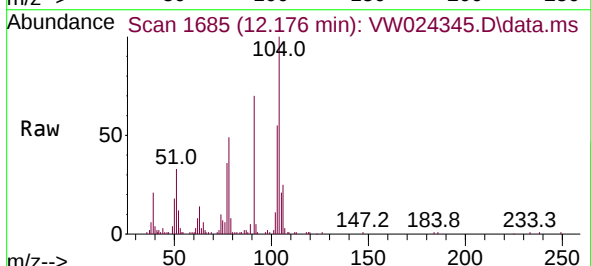
Acq: 26 Aug 2022 11:15

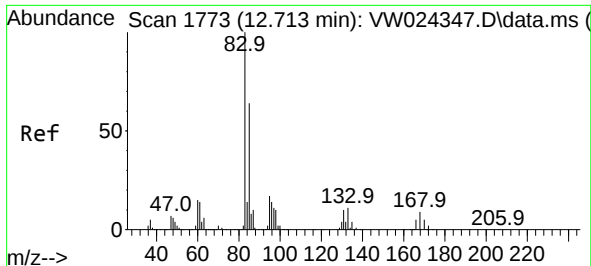
Tgt Ion:104 Resp: 18328

Ion Ratio Lower Upper

104 100

78 49.1 32.0 59.4





#57

1,1,2,2-Tetrachloroethane

Concen: 2.511 ug/L

RT: 12.713 min Scan# 1773

Delta R.T. 0.000 min

Lab File: VW024345.D

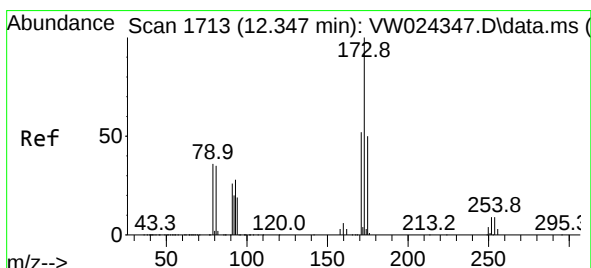
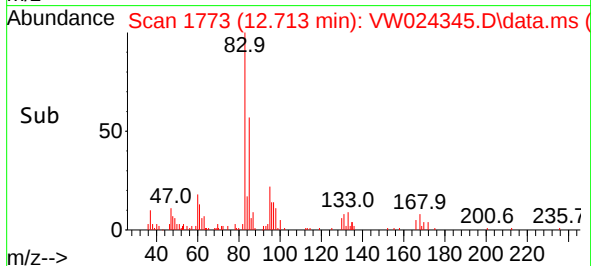
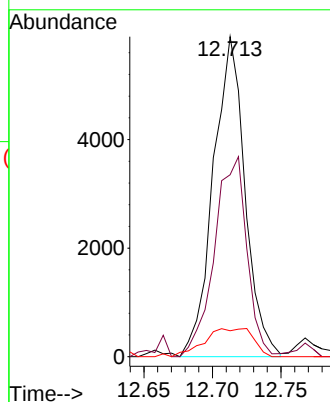
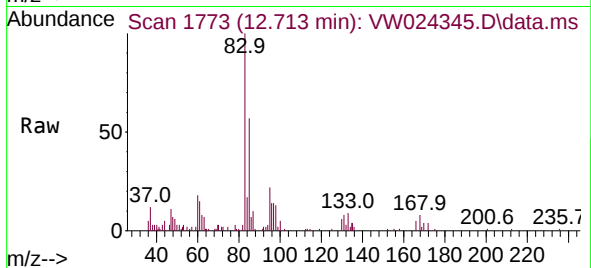
Acq: 26 Aug 2022 11:15

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	83	Resp:	9509
Ion	Ratio	Lower	Upper
83	100		
85	56.9	44.4	82.5
131	8.1	8.4	12.6#



#59

Bromoform

Concen: 2.497 ug/L

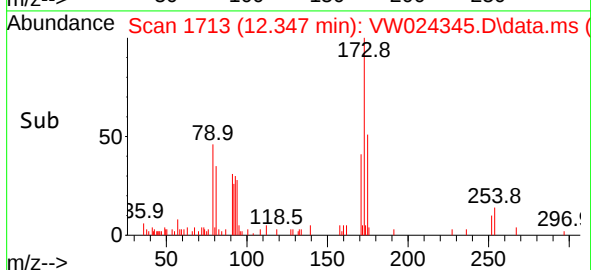
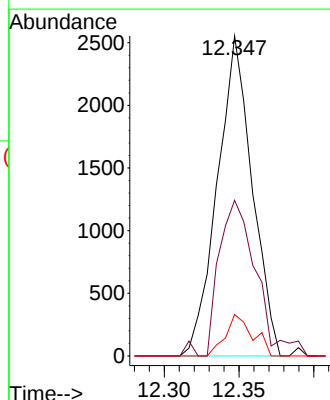
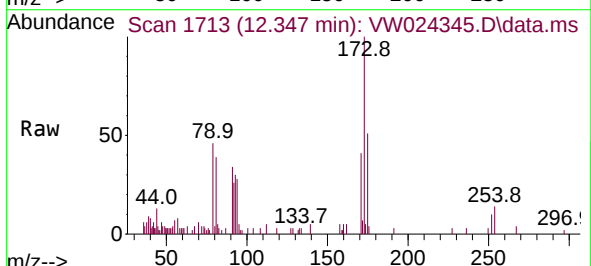
RT: 12.347 min Scan# 1713

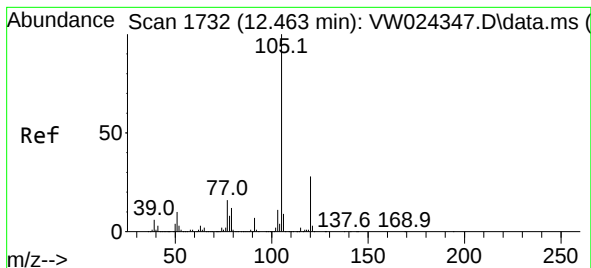
Delta R.T. 0.000 min

Lab File: VW024345.D

Acq: 26 Aug 2022 11:15

Tgt Ion:	173	Resp:	4133
Ion	Ratio	Lower	Upper
173	100		
175	48.5	39.8	59.6
254	10.1	6.8	10.2





#60

Isopropylbenzene

Concen: 2.136 ug/L

RT: 12.463 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW024345.D

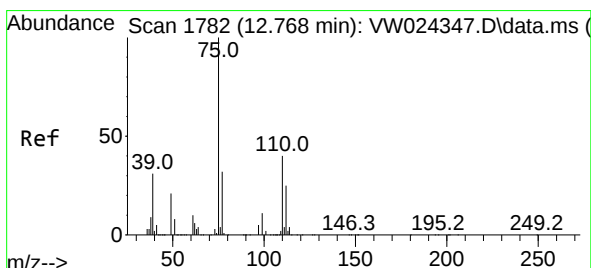
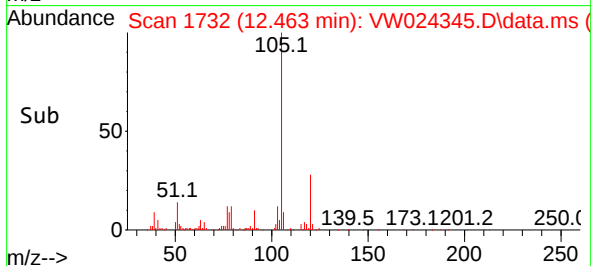
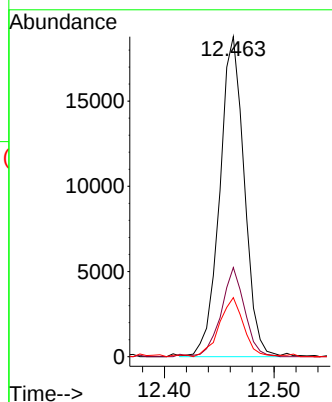
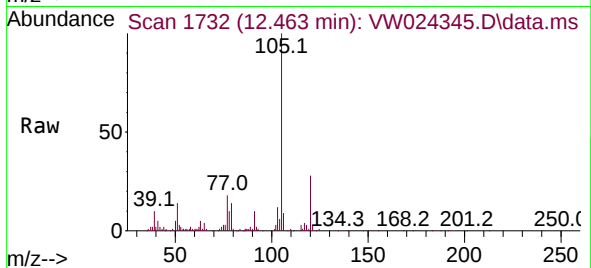
Acq: 26 Aug 2022 11:15

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	105	Resp:	29269
Ion	Ratio	Lower	Upper
105	100		
120	26.5	21.4	32.0
77	18.2	13.0	19.6



#61

1,2,3-Trichloropropane

Concen: 0.071 ug/L

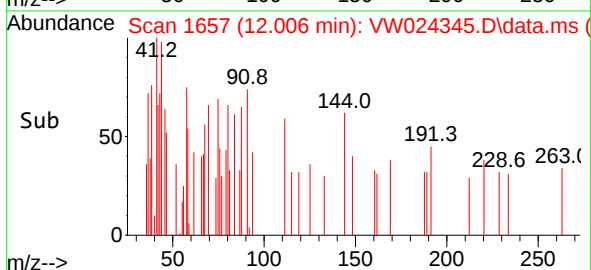
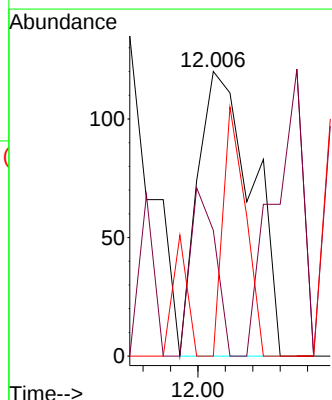
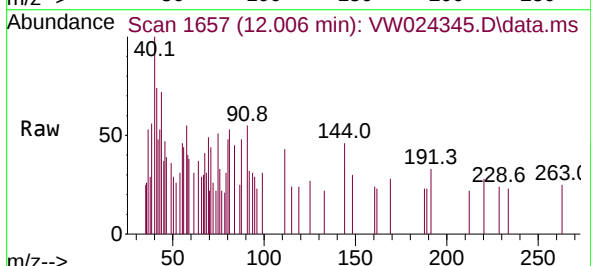
RT: 12.006 min Scan# 1657

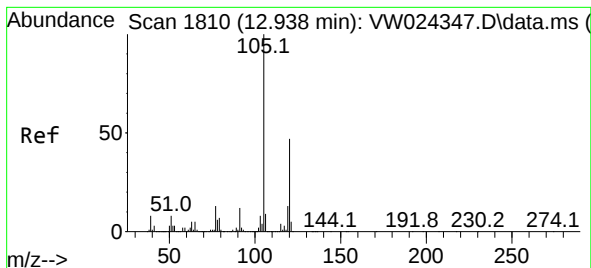
Delta R.T. -0.762 min

Lab File: VW024345.D

Acq: 26 Aug 2022 11:15

Tgt Ion:	75	Resp:	166
Ion	Ratio	Lower	Upper
75	100		
77	27.1	26.5	39.7
110	36.1	33.8	50.8





#62

1,3,5-Trimethylbenzene

Concen: 1.947 ug/L

RT: 12.938 min Scan# 1810

Delta R.T. 0.000 min

Lab File: VW024345.D

Acq: 26 Aug 2022 11:15

Instrument :

MSVOA_W

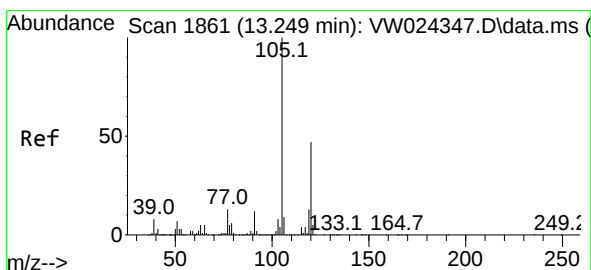
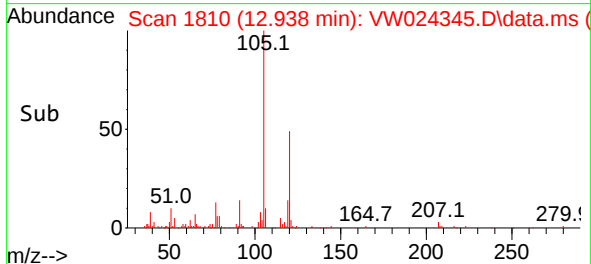
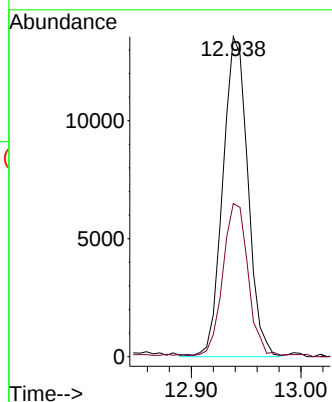
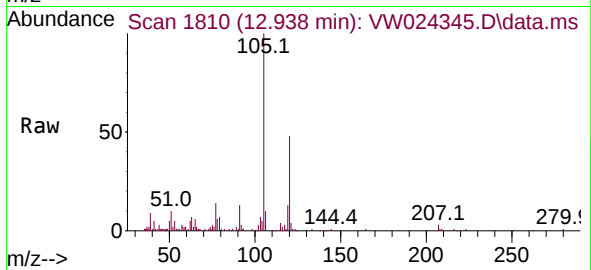
ClientSampleId :

Tgt Ion:105 Resp: 21505

Ion Ratio Lower Upper

105 100

120 47.5 38.4 57.6



#63

1,2,4-Trimethylbenzene

Concen: 1.828 ug/L

RT: 13.249 min Scan# 1861

Delta R.T. 0.000 min

Lab File: VW024345.D

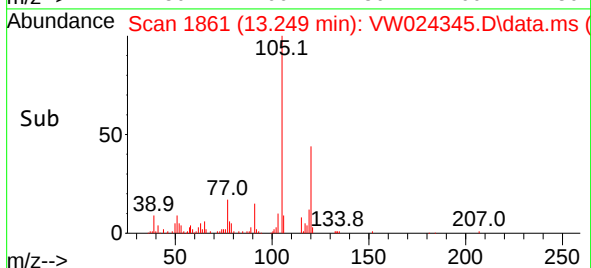
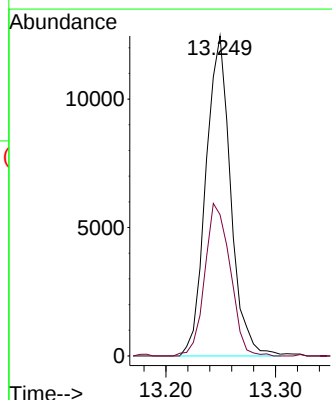
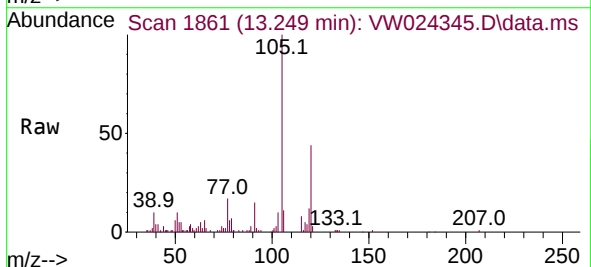
Acq: 26 Aug 2022 11:15

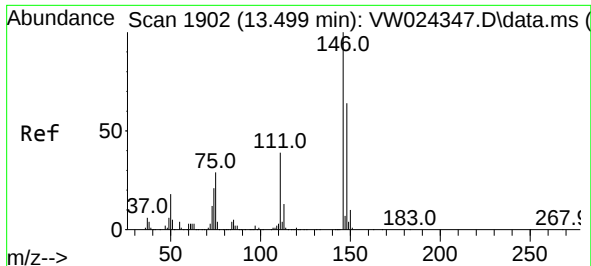
Tgt Ion:105 Resp: 19617

Ion Ratio Lower Upper

105 100

120 48.6 36.2 54.2

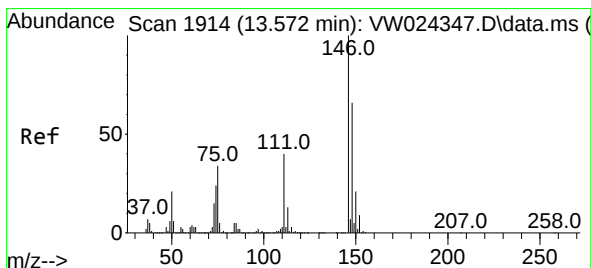
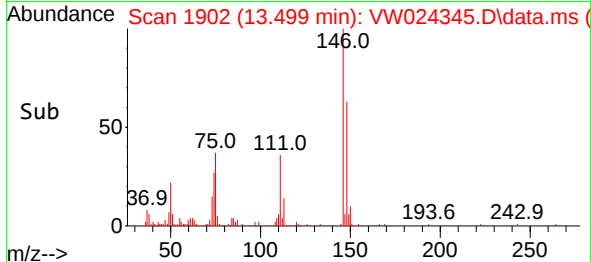
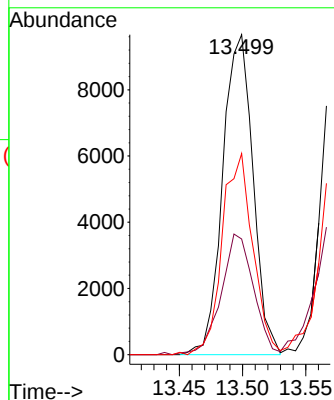
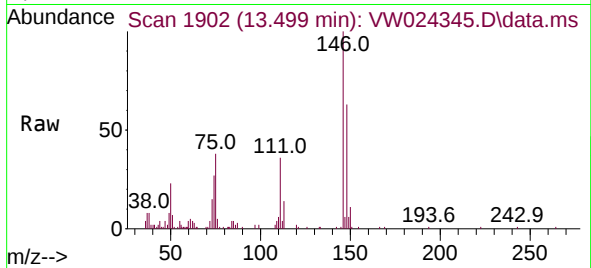




#64
1,3-Dichlorobenzene
Concen: 2.456 ug/L
RT: 13.499 min Scan# 1902
Delta R.T. 0.000 min
Lab File: VW024345.D
Acq: 26 Aug 2022 11:15

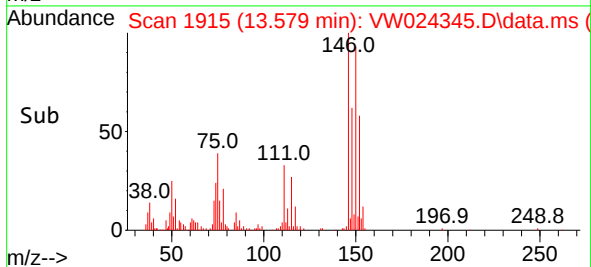
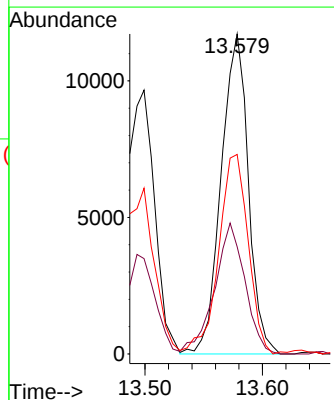
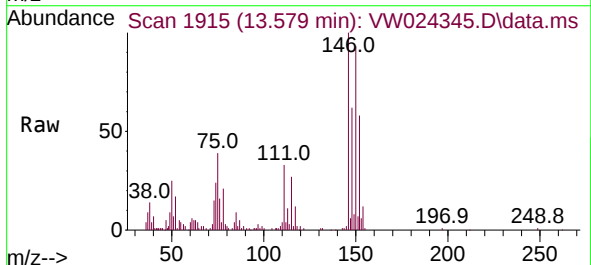
Instrument :
MSVOA_W
ClientSampleId :

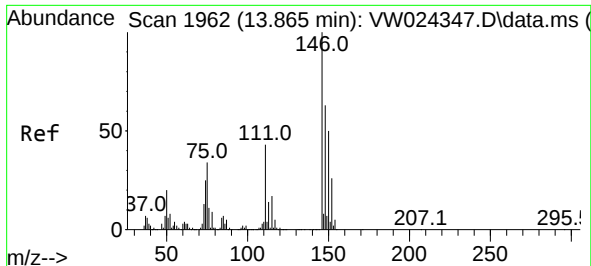
Tgt Ion:146 Resp: 16090
Ion Ratio Lower Upper
146 100
111 36.2 27.0 50.2
148 62.8 44.9 83.3



#65
1,4-Dichlorobenzene
Concen: 2.720 ug/L
RT: 13.579 min Scan# 1915
Delta R.T. 0.006 min
Lab File: VW024345.D
Acq: 26 Aug 2022 11:15

Tgt Ion:146 Resp: 18815
Ion Ratio Lower Upper
146 100
111 33.5 27.7 51.5
148 62.4 46.5 86.5





#67

1,2-Dichlorobenzene

Concen: 2.516 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. 0.000 min

Lab File: VW024345.D

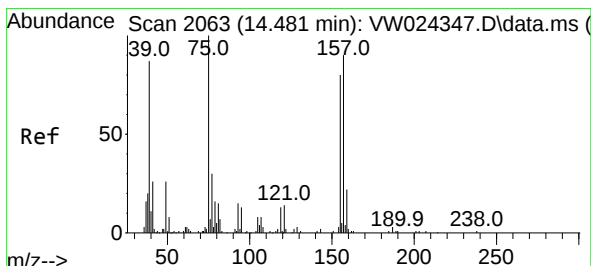
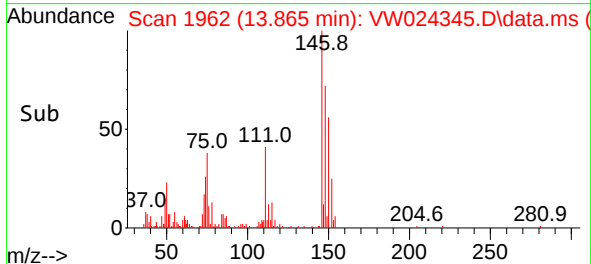
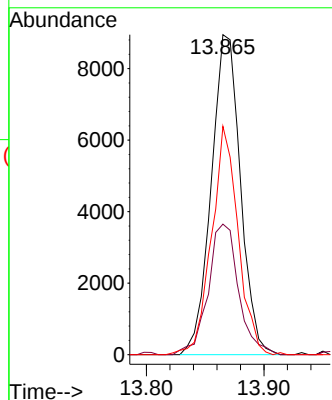
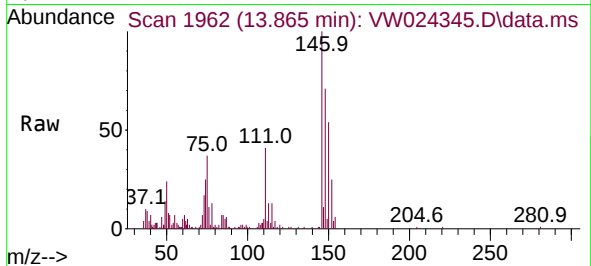
Acq: 26 Aug 2022 11:15

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	146	Resp:	15451
Ion	Ratio	Lower	Upper
146	100		
111	40.8	34.5	51.7
148	71.4	50.6	75.8



#68

1,2-Dibromo-3-chloropropane

Concen: 3.240 ug/L

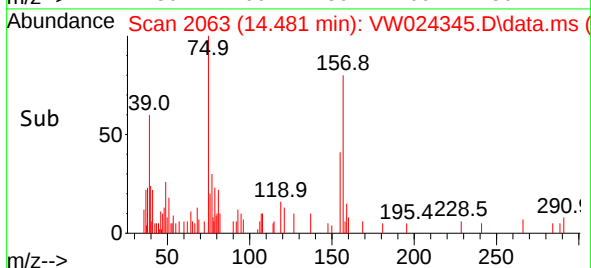
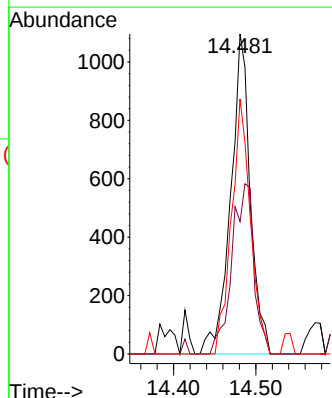
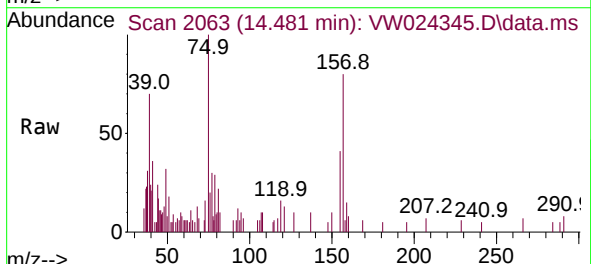
RT: 14.481 min Scan# 2063

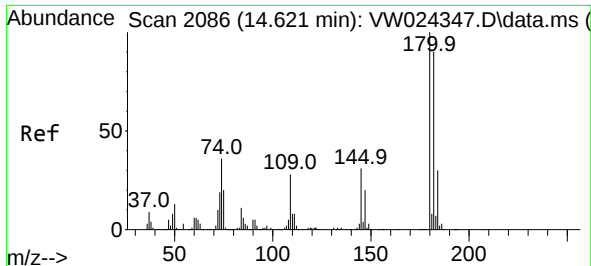
Delta R.T. 0.000 min

Lab File: VW024345.D

Acq: 26 Aug 2022 11:15

Tgt Ion:	75	Resp:	1899
Ion	Ratio	Lower	Upper
75	100		
155	41.3	63.9	95.9#
157	79.7	72.2	108.4





#69

1,3,5-Trichlorobenzene

Concen: 2.616 ug/L

RT: 14.627 min Scan# 2086

Delta R.T. 0.006 min

Lab File: VW024345.D

Acq: 26 Aug 2022 11:15

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:180 Resp: 11061

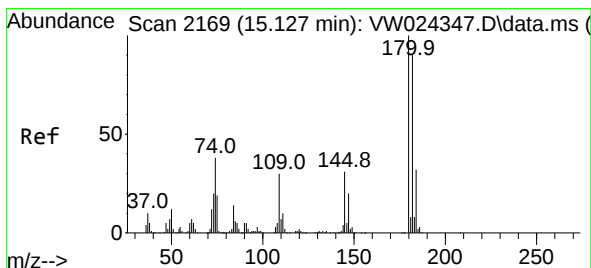
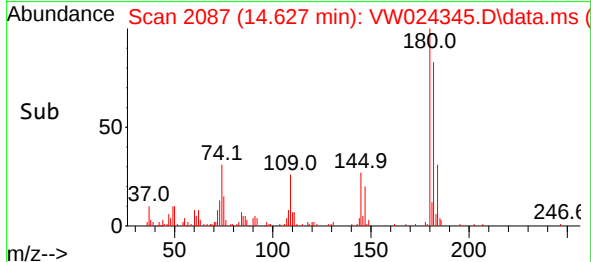
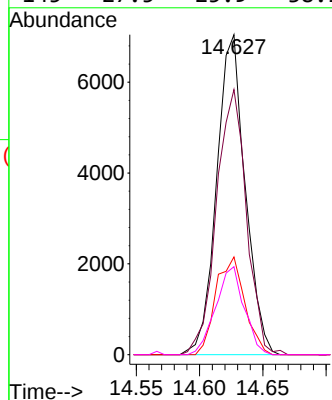
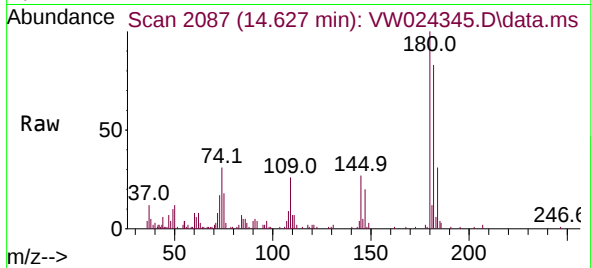
Ion Ratio Lower Upper

180 100

182 86.4 76.6 114.8

184 31.0 24.5 36.7

145 27.5 25.9 38.9



#70

1,2,4-trichlorobenzene

Concen: 2.367 ug/L

RT: 15.127 min Scan# 2169

Delta R.T. 0.000 min

Lab File: VW024345.D

Acq: 26 Aug 2022 11:15

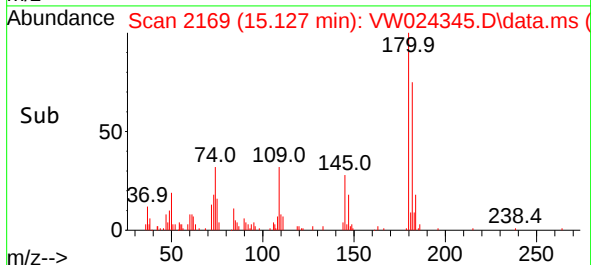
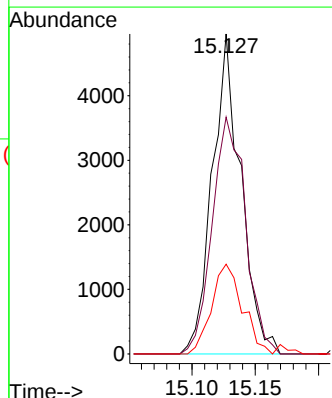
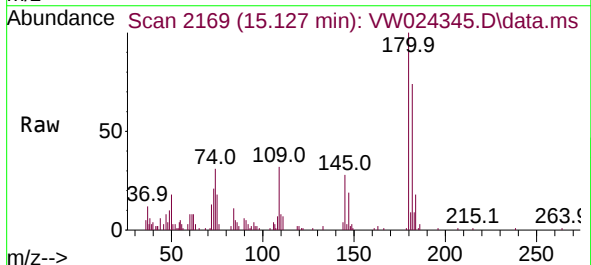
Tgt Ion:180 Resp: 7781

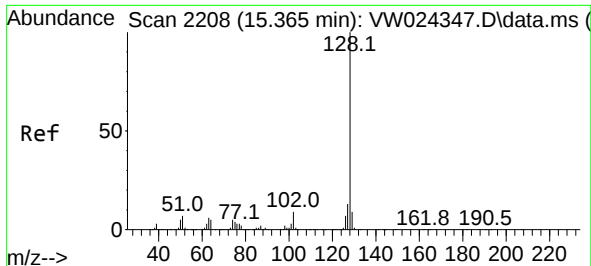
Ion Ratio Lower Upper

180 100

182 85.8 72.6 109.0

145 30.3 26.2 39.2

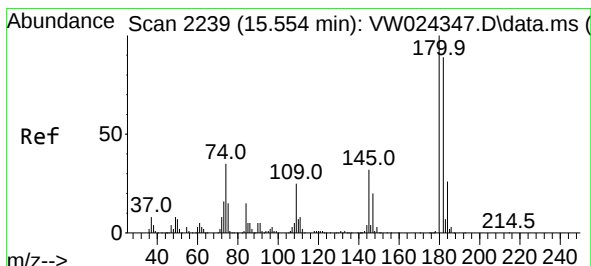
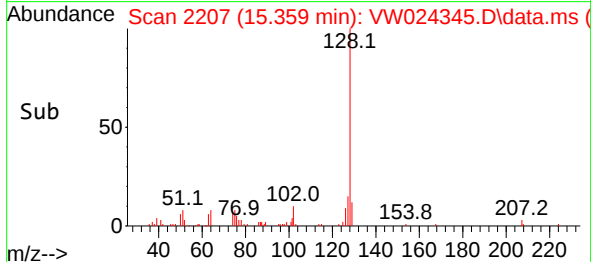
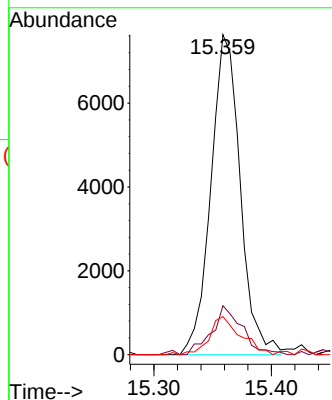
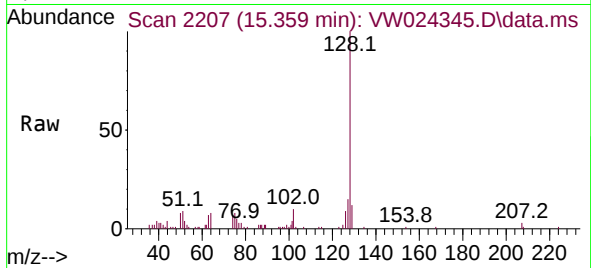




#71
Naphthalene
Concen: 1.835 ug/L
RT: 15.359 min Scan# 21
Delta R.T. -0.006 min
Lab File: VW024345.D
Acq: 26 Aug 2022 11:15

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:128 Resp: 13243
Ion Ratio Lower Upper
128 100
127 15.8 10.5 15.7#
129 12.6 8.3 12.5#



#72
1,2,3-Trichlorobenzene
Concen: 2.372 ug/L
RT: 15.548 min Scan# 2238
Delta R.T. -0.006 min
Lab File: VW024345.D
Acq: 26 Aug 2022 11:15

Tgt Ion:180 Resp: 7369
Ion Ratio Lower Upper
180 100
182 87.2 74.6 111.8
145 33.4 26.6 40.0

