

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW061022\
 Data File : VW023448.D
 Acq On : 10 Jun 2022 15:52
 Operator : SY/VA
 Sample : N3226-22MSD
 Misc : 6.42g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jun 11 00:08:50 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM061022SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Jun 11 00:06:08 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	370380	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	314569	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	129094	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	168584	28.650	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	114.600%
7) Chloroethane-d5	2.879	69	138656	32.056	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	128.240%
11) 1,1-Dichloroethene-d2	4.025	63	198699	24.192	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	96.760%
21) 2-Butanone-d5	7.080	46	22987	19.133	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	38.260%
24) Chloroform-d	7.647	84	274650	26.938	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	107.760%
26) 1,2-Dichloroethane-d4	8.305	65	154689	28.171	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	112.680%
32) Benzene-d6	8.275	84	491071	29.442	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	117.760%
36) 1,2-Dichloropropane-d6	9.274	67	152620	31.058	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	124.240%#
41) Toluene-d8	10.323	98	431045	26.458	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	105.840%
43) trans-1,3-Dichloroprop...	10.579	79	48725	21.724	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	86.880%
47) 2-Hexanone-d5	10.920	63	20884	26.596	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	53.200%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	143907	31.355	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	125.440%#
66) 1,2-Dichlorobenzene-d4	13.853	152	120921	25.947	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	103.800%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.007	85	62791	46.494	ug/L	88
3) Chloromethane	2.215	50	127201	28.474	ug/L	99
5) Vinyl chloride	2.361	62	213526	30.668	ug/L	98
6) Bromomethane	2.776	94	79868	20.268	ug/L	95
8) Chloroethane	2.916	64	115221	31.239	ug/L	96
9) Trichlorofluoromethane	3.257	101	62440	19.885	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.056	101	113202	25.006	ug/L	97
12) 1,1-Dichloroethene	4.038	96	102986	25.536	ug/L	90
13) Acetone	4.117	43	27379	31.631	ug/L	97
14) Carbon disulfide	4.385	76	277899	22.400	ug/L	99
15) Methyl Acetate	4.678	43	26502	13.714	ug/L	99
16) Methylene chloride	4.915	84	130165	25.967	ug/L	95
17) trans-1,2-Dichloroethene	5.421	96	124809	26.139	ug/L	99
18) Methyl tert-butyl Ether	5.428	73	217727	30.296	ug/L	98
19) 1,1-Dichloroethane	6.214	63	232224	27.151	ug/L	98
20) cis-1,2-Dichloroethene	7.171	96	134949	25.843	ug/L #	94
22) 2-Butanone	7.171	43	24199	18.265	ug/L	95
23) Bromochloromethane	7.513	128	66033	27.450	ug/L	97
25) Chloroform	7.677	83	255194	26.440	ug/L	100

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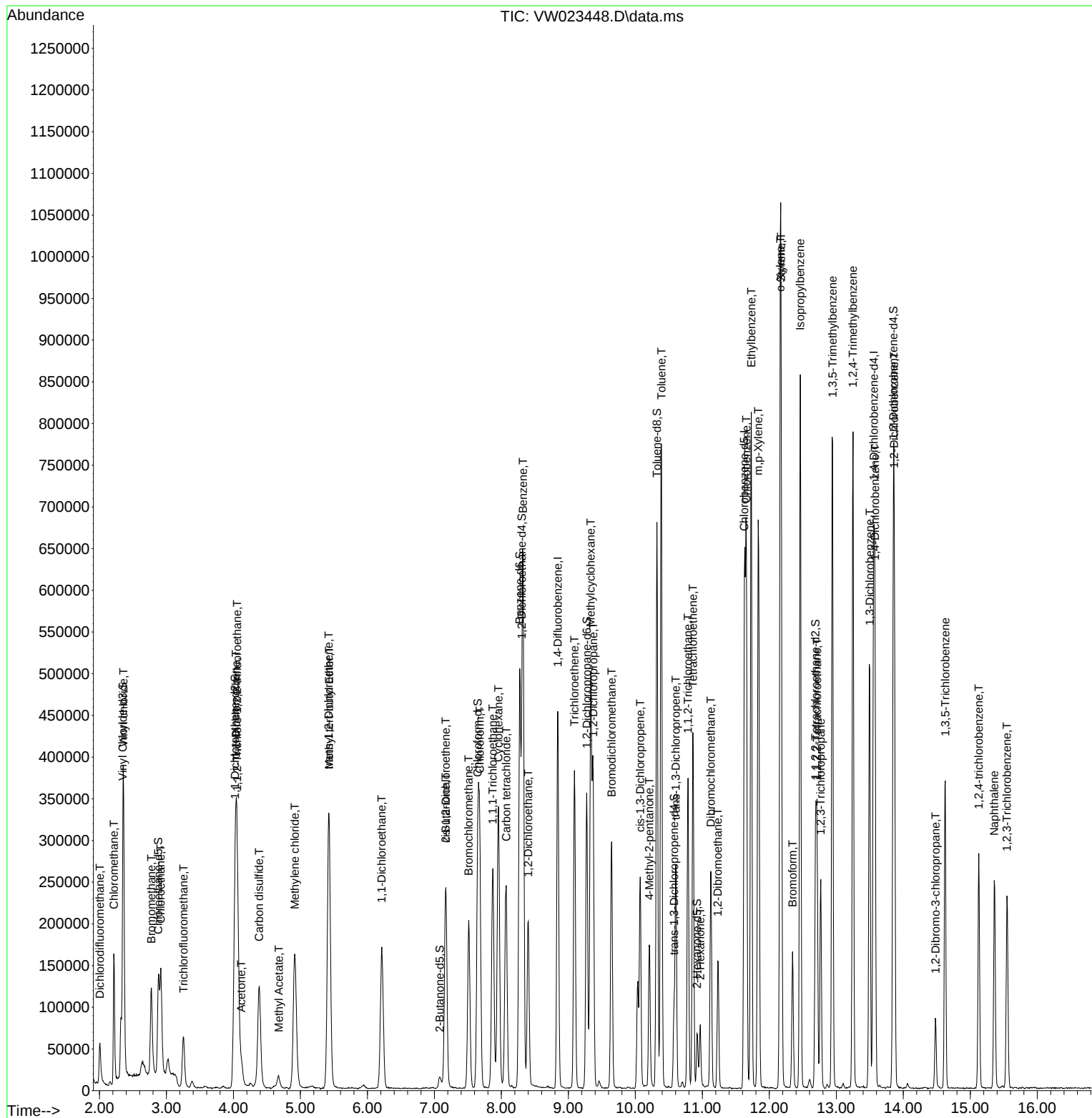
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	176724	27.685	ug/L	99
29) Cyclohexane	7.958	56	176049	27.786	ug/L	97
30) 1,1,1-Trichloroethane	7.872	97	207449	28.490	ug/L	98
31) Carbon tetrachloride	8.073	117	179510	26.760	ug/L	100
33) Benzene	8.323	78	535687	29.479	ug/L	100
34) Trichloroethene	9.091	95	128209	26.323	ug/L	99
35) Methylcyclohexane	9.335	83	196153	24.876	ug/L	98
37) 1,2-Dichloropropane	9.372	63	134058	30.188	ug/L	100
38) Bromodichloromethane	9.646	83	190769	30.543	ug/L	98
39) cis-1,3-Dichloropropene	10.073	75	141418	20.781	ug/L	97
40) 4-Methyl-2-pentanone	10.207	43	108962	43.019	ug/L	98
42) Toluene	10.390	91	570021	28.076	ug/L	99
44) trans-1,3-Dichloropropene	10.603	75	137801	22.441	ug/L	99
45) 1,1,2-Trichloroethane	10.786	97	109979	30.149	ug/L	97
46) Tetrachloroethene	10.859	164	81784	21.751	ug/L	89
48) 2-Hexanone	10.969	43	44499	25.996	ug/L	98
49) Dibromochloromethane	11.128	129	127841	29.925	ug/L	100
50) 1,2-Dibromoethane	11.231	107	97598	28.621	ug/L #	93
51) Chlorobenzene	11.658	112	330914	24.151	ug/L	95
52) Ethylbenzene	11.731	91	559524	24.248	ug/L	100
53) m,p-Xylene	11.835	106	219541	24.446	ug/L	97
54) o-Xylene	12.164	106	217756	25.373	ug/L	93
55) Styrene	12.176	104	258743	17.340	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.713	83	127911	28.875	ug/L	100
59) Bromoform	12.347	173	62885	34.270	ug/L	96
60) Isopropylbenzene	12.463	105	527402	28.541	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	96613	39.332	ug/L	98
62) 1,3,5-Trimethylbenzene	12.944	105	409660	27.107	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	406272	26.863	ug/L	97
64) 1,3-Dichlorobenzene	13.499	146	202356	24.685	ug/L	97
65) 1,4-Dichlorobenzene	13.579	146	205412	24.540	ug/L	99
67) 1,2-Dichlorobenzene	13.865	146	191986	25.569	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.481	75	19976	36.830	ug/L #	81
69) 1,3,5-Trichlorobenzene	14.627	180	103932	19.403	ug/L	97
70) 1,2,4-trichlorobenzene	15.127	180	76694	18.388	ug/L	99
71) Naphthalene	15.359	128	207729	25.317	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	67042	18.489	ug/L	97

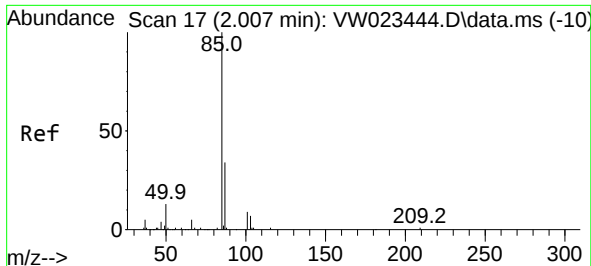
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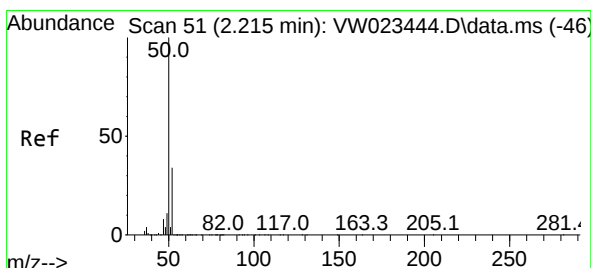
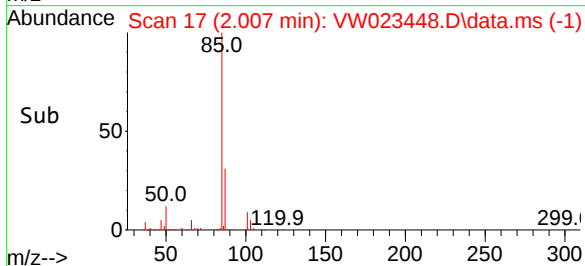
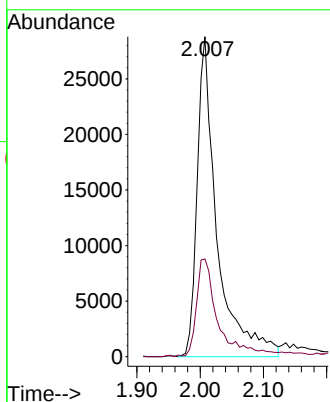
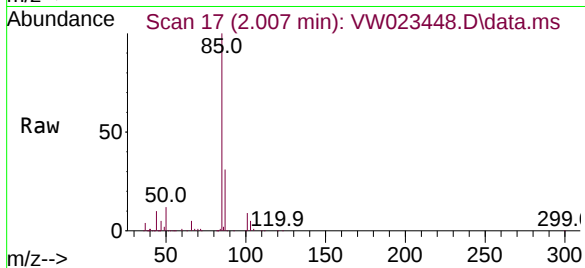




#2
Dichlorodifluoromethane
Concen: 46.494 ug/L
RT: 2.007 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW023448.D
Acq: 10 Jun 2022 15:52

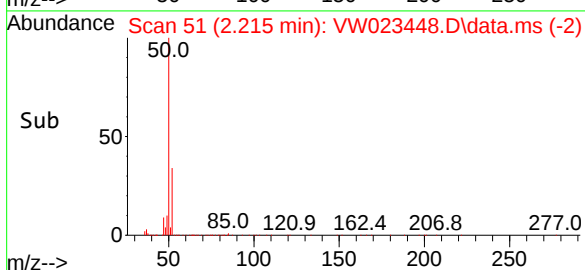
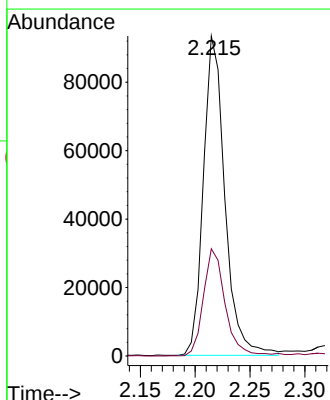
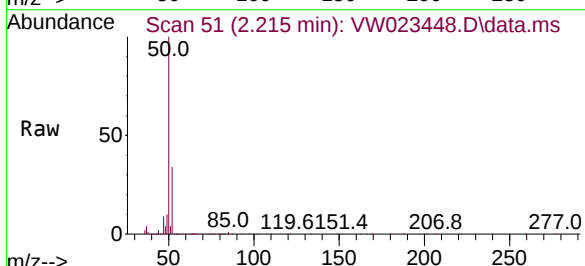
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MSVOA_W
ClientSampleId :

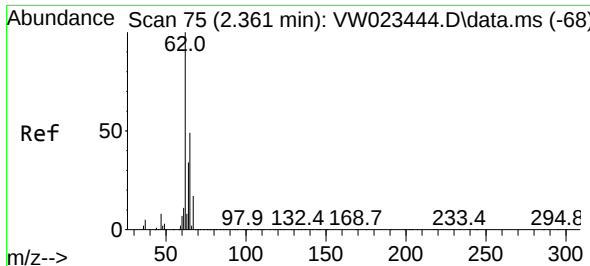
Tgt Ion: 85 Resp: 62791
Ion Ratio Lower Upper
85 100
87 27.9 27.8 41.8



#3
Chloromethane
Concen: 28.474 ug/L
RT: 2.215 min Scan# 51
Delta R.T. -0.000 min
Lab File: VW023448.D
Acq: 10 Jun 2022 15:52

Tgt Ion: 50 Resp: 127201
Ion Ratio Lower Upper
50 100
52 33.5 23.1 42.9

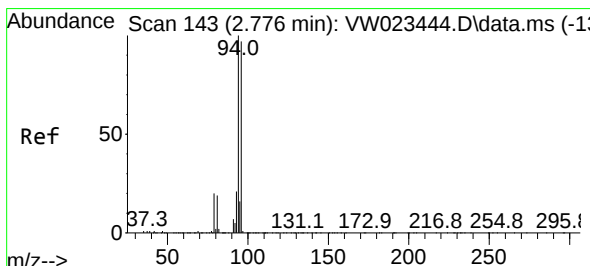
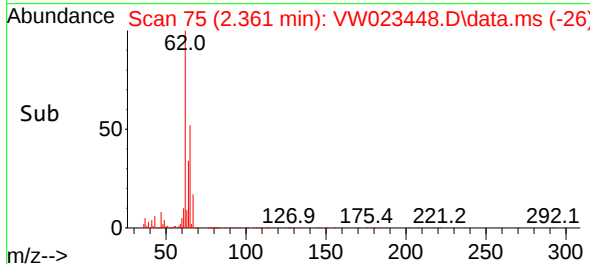
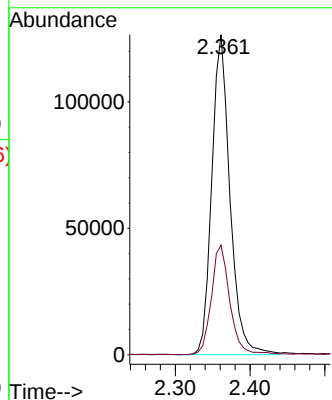
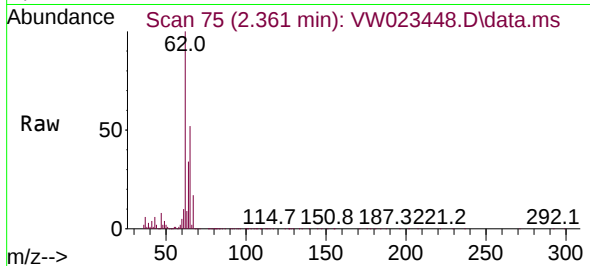




#5
 Vinyl chloride
 Concen: 30.668 ug/L
 RT: 2.361 min Scan# 75
 Delta R.T. -0.000 min
 Lab File: VW023448.D
 Acq: 10 Jun 2022 15:52

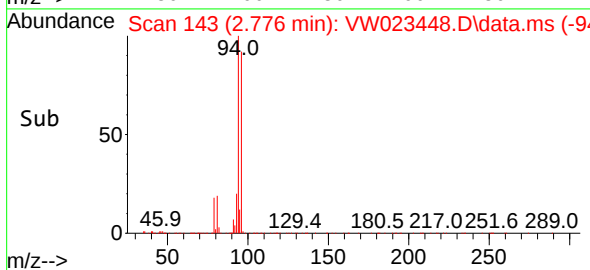
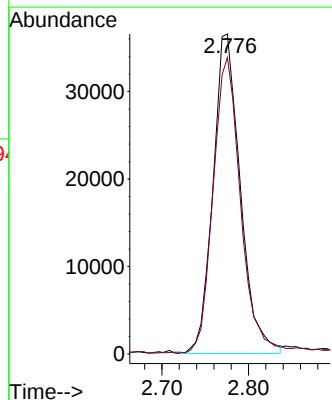
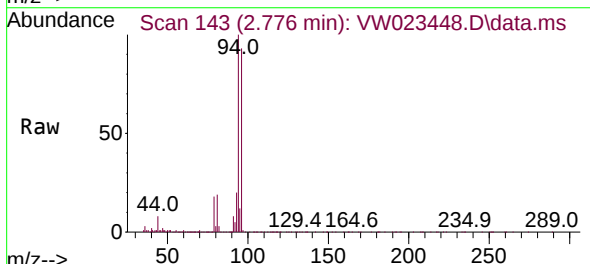
Instrument :
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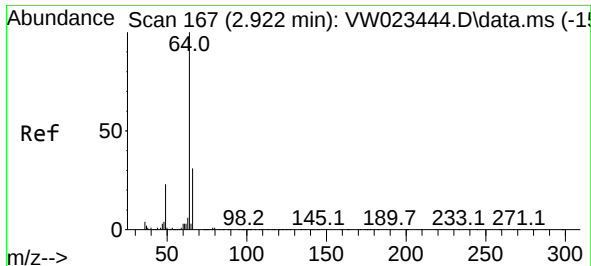
Tgt Ion: 62 Resp: 213526
 Ion Ratio Lower Upper
 62 100
 64 34.2 24.9 46.3



#6
 Bromomethane
 Concen: 20.268 ug/L
 RT: 2.776 min Scan# 143
 Delta R.T. -0.000 min
 Lab File: VW023448.D
 Acq: 10 Jun 2022 15:52

Tgt Ion: 94 Resp: 79868
 Ion Ratio Lower Upper
 94 100
 96 92.6 61.7 114.5

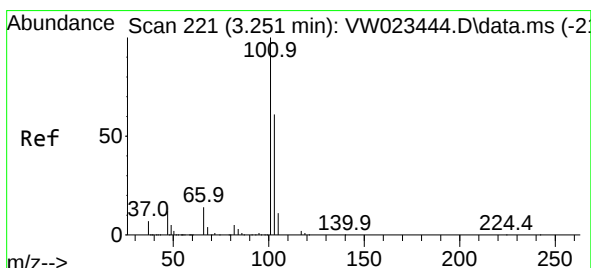
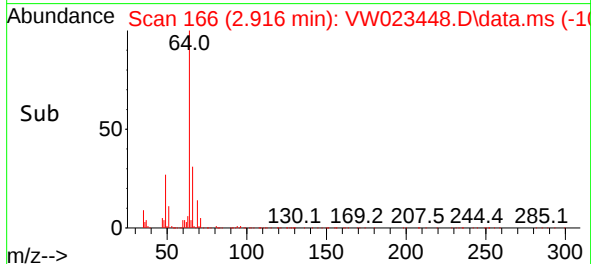
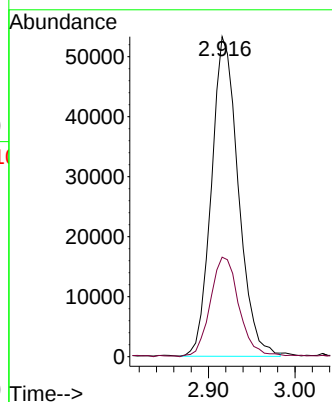
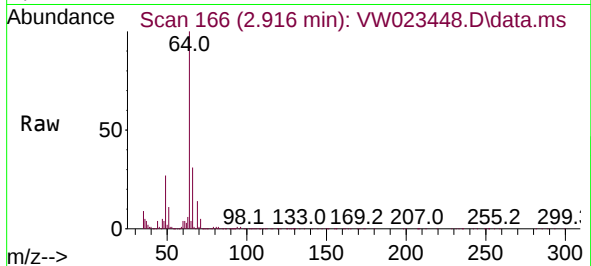




#8
Chloroethane
Concen: 31.239 ug/L
RT: 2.916 min Scan# 166
Delta R.T. -0.006 min
Lab File: VW023448.D
Acq: 10 Jun 2022 15:52

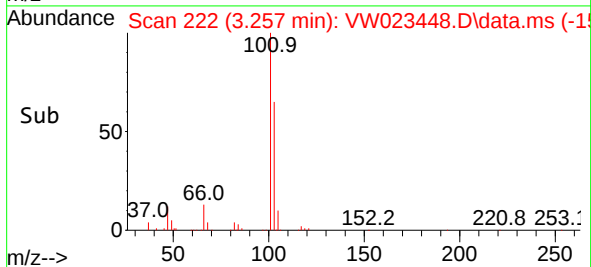
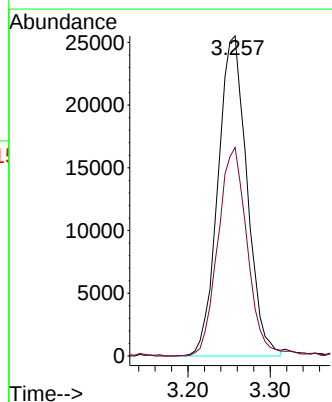
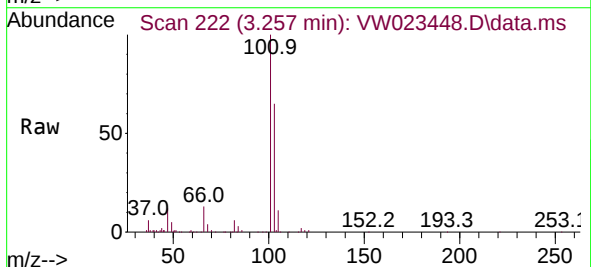
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ClientSampleId :

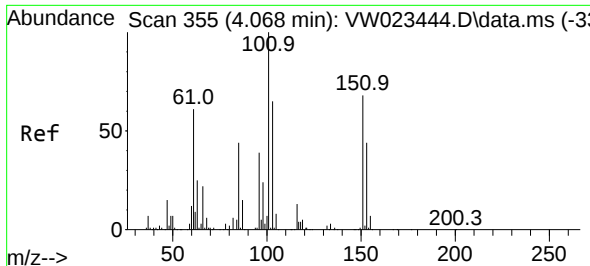
Tgt Ion: 64 Resp: 115221
Ion Ratio Lower Upper
64 100
66 31.1 23.4 43.6



#9
Trichlorofluoromethane
Concen: 19.885 ug/L
RT: 3.257 min Scan# 222
Delta R.T. 0.006 min
Lab File: VW023448.D
Acq: 10 Jun 2022 15:52

Tgt Ion:101 Resp: 62440
Ion Ratio Lower Upper
101 100
103 65.6 53.9 80.9

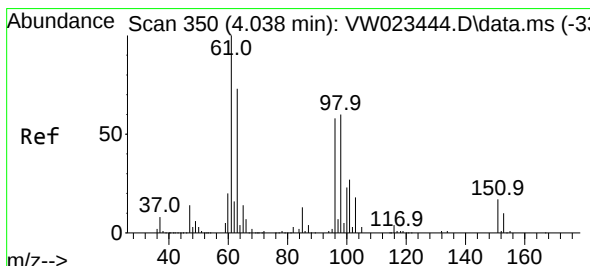
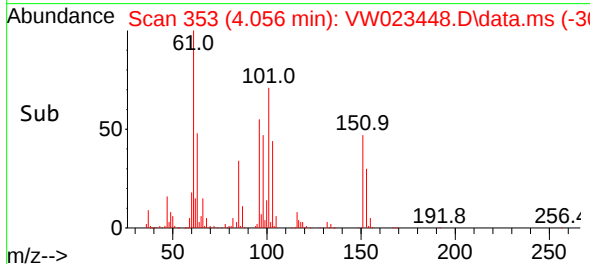
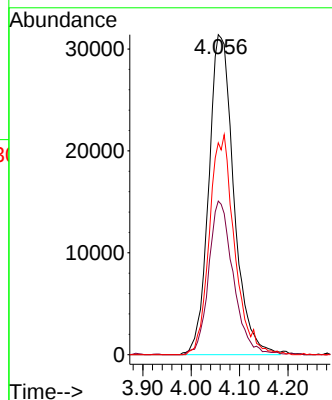
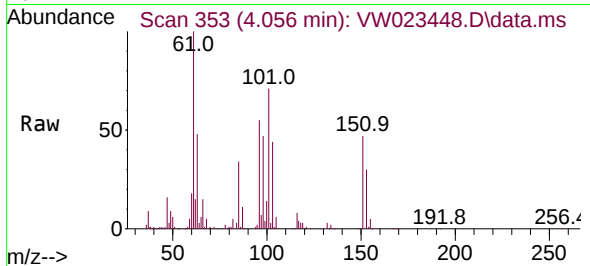




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 25.006 ug/L
 RT: 4.056 min Scan# 31
 Delta R.T. -0.012 min
 Lab File: VW023448.D
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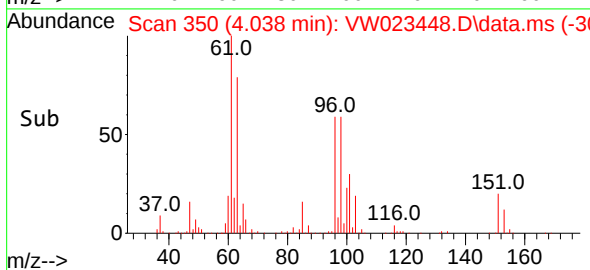
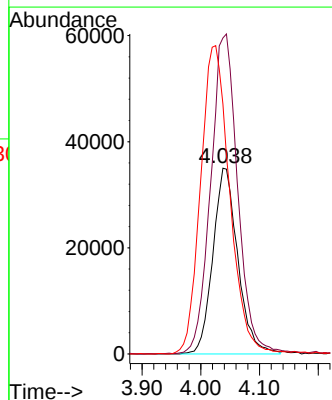
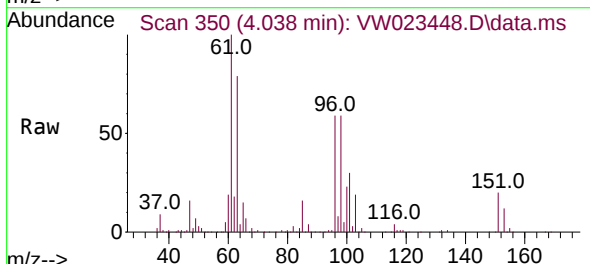
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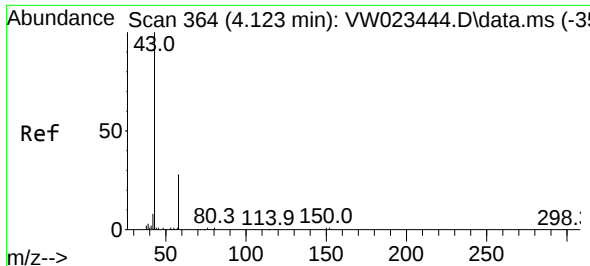
Tgt Ion:101 Resp: 113202
 Ion Ratio Lower Upper
 101 100
 85 45.9 34.3 51.5
 151 66.4 54.2 81.2



#12
 1,1-Dichloroethene
 Concen: 25.536 ug/L
 RT: 4.038 min Scan# 350
 Delta R.T. -0.000 min
 Lab File: VW023448.D
 Acq: 10 Jun 2022 15:52

Tgt Ion: 96 Resp: 102986
 Ion Ratio Lower Upper
 96 100
 61 170.1 125.7 233.5
 63 134.6 83.4 155.0

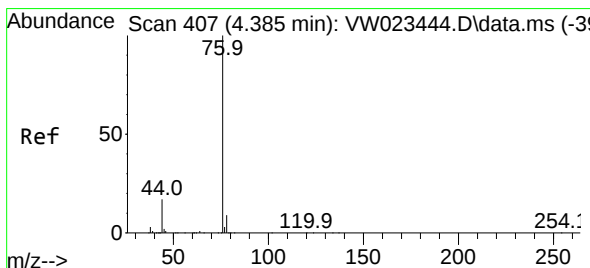
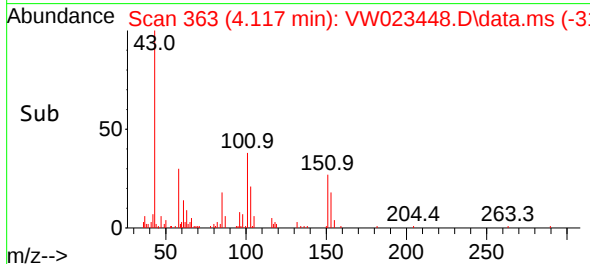
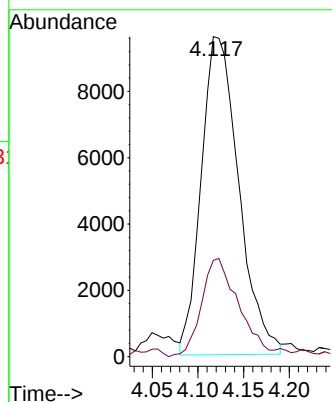
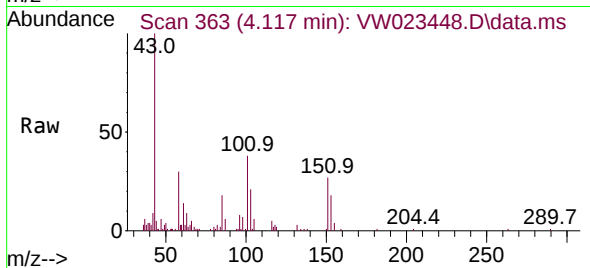




#13
Acetone
Concen: 31.631 ug/L
RT: 4.117 min Scan# 363
Delta R.T. -0.006 min
Lab File: VW023448.D
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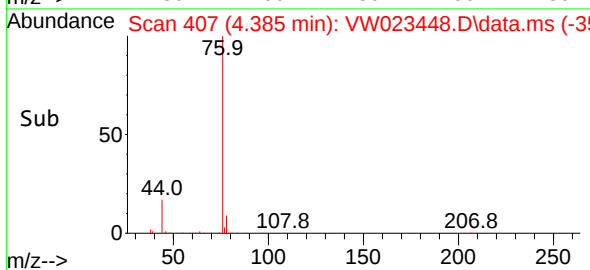
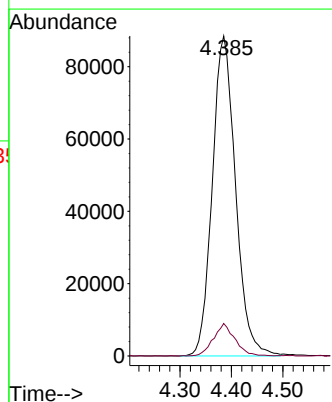
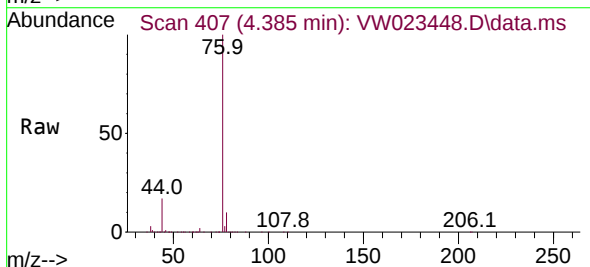
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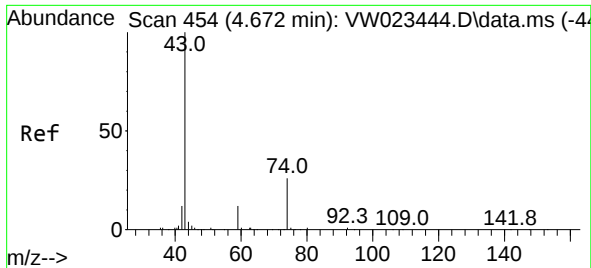
Tgt Ion: 43 Resp: 27379
Ion Ratio Lower Upper
43 100
58 30.3 0.0 64.0



#14
Carbon disulfide
Concen: 22.400 ug/L
RT: 4.385 min Scan# 407
Delta R.T. -0.000 min
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Tgt Ion: 76 Resp: 277899
Ion Ratio Lower Upper
76 100
78 10.1 7.7 11.5

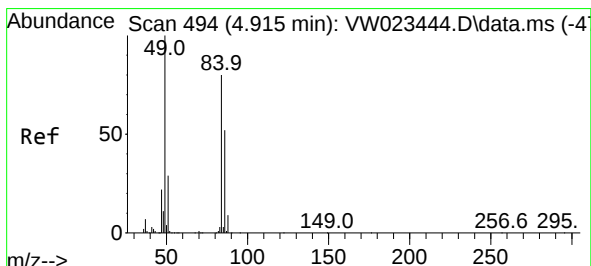
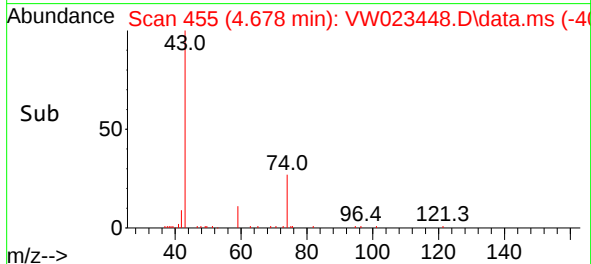
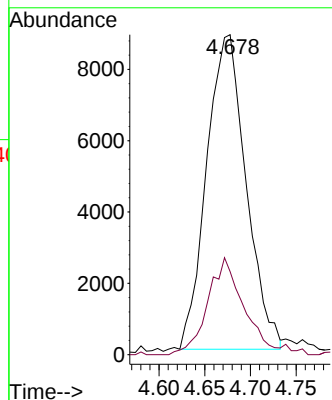
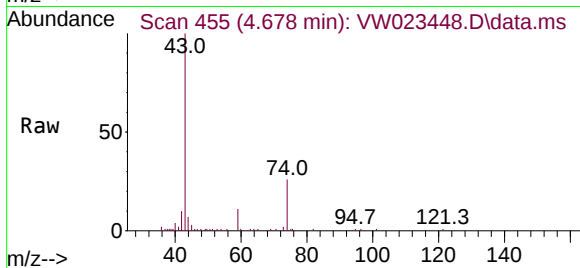




#15
Methyl Acetate
Concen: 13.714 ug/L
RT: 4.678 min Scan# 455
Delta R.T. 0.006 min
Lab File: VW023448.D
Acq: 10 Jun 2022 15:52

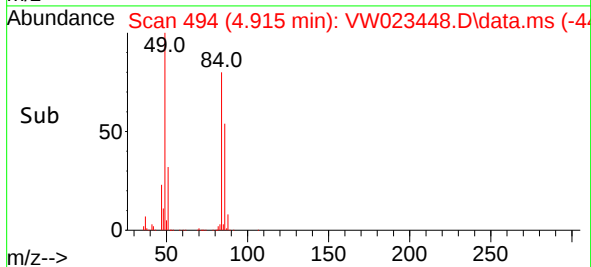
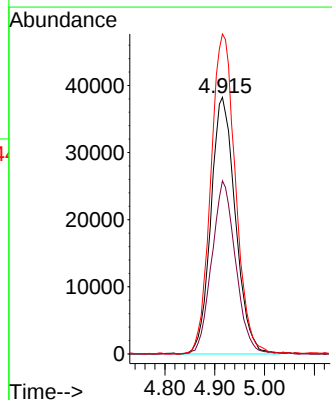
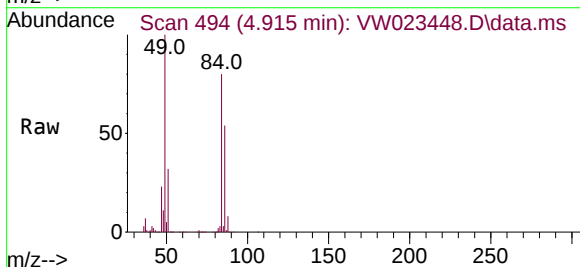
Instrument :
MSVOA_W
ClientSampleId :

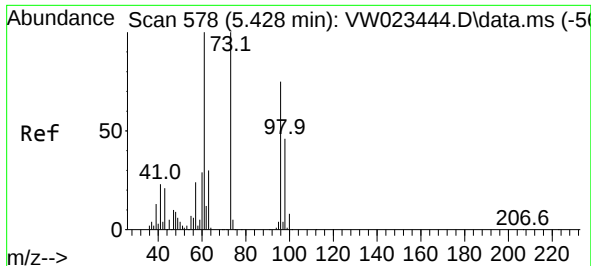
Tgt Ion: 43 Resp: 26502
Ion Ratio Lower Upper
43 100
74 28.0 21.9 32.9



#16
Methylene chloride
Concen: 25.967 ug/L
RT: 4.915 min Scan# 494
Delta R.T. -0.000 min
Lab File: VW023448.D
Acq: 10 Jun 2022 15:52

Tgt Ion: 84 Resp: 130165
Ion Ratio Lower Upper
84 100
86 67.4 45.4 84.4
49 124.7 82.5 153.1

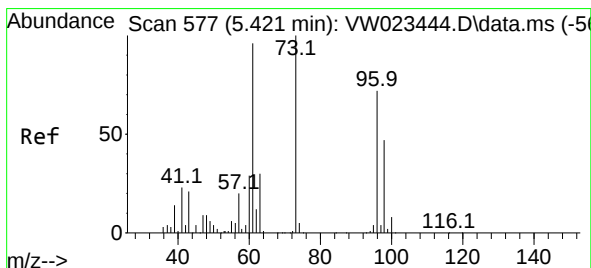
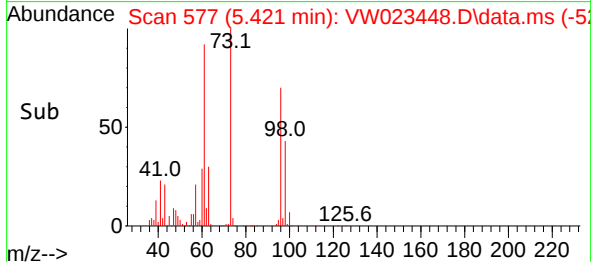
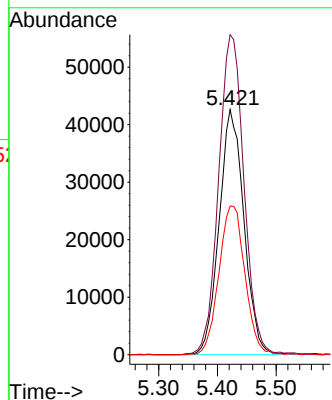
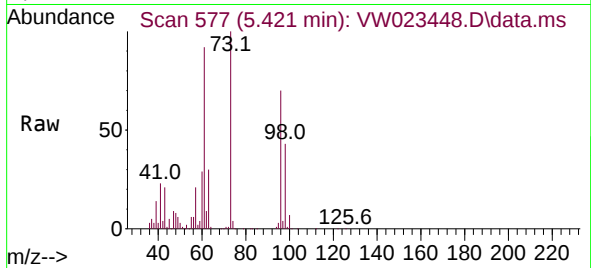




#17
trans-1,2-Dichloroethene
Concen: 26.139 ug/L
RT: 5.421 min Scan# 51
Delta R.T. -0.006 min
Lab File: VW023448.D
Acq: 10 Jun 2022 15:52

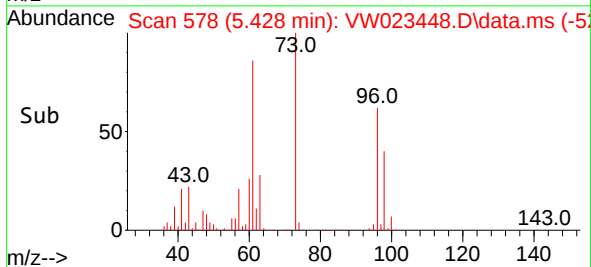
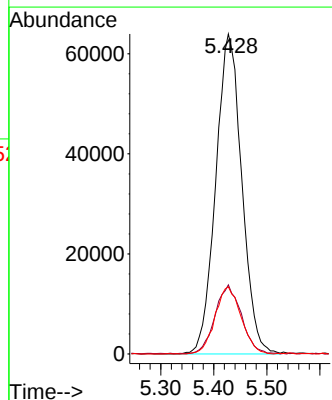
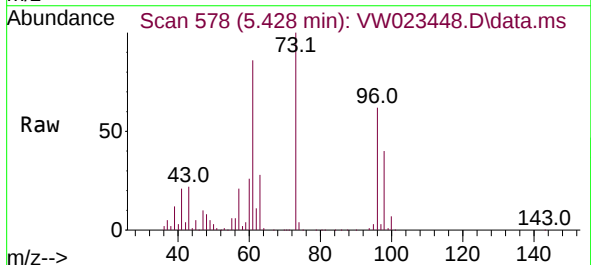
Instrument :
MSVOA_W
ClientSampleId :

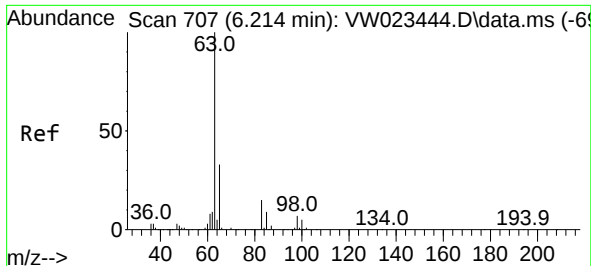
Tgt Ion: 96 Resp: 124809
Ion Ratio Lower Upper
96 100
61 130.6 92.2 171.2
98 60.6 42.9 79.7



#18
Methyl tert-butyl Ether
Concen: 30.296 ug/L
RT: 5.428 min Scan# 578
Delta R.T. 0.006 min
Lab File: VW023448.D
Acq: 10 Jun 2022 15:52

Tgt Ion: 73 Resp: 217727
Ion Ratio Lower Upper
73 100
43 21.3 15.9 23.9
57 21.1 16.5 24.7

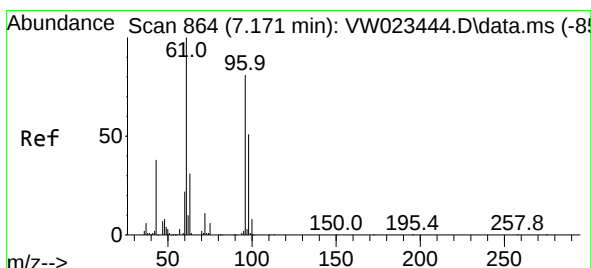
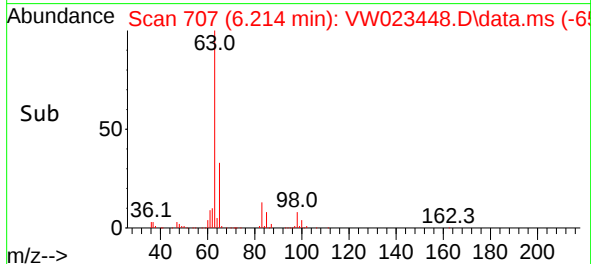
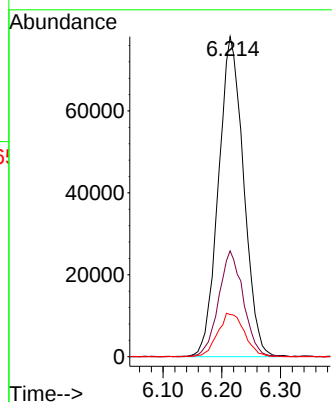
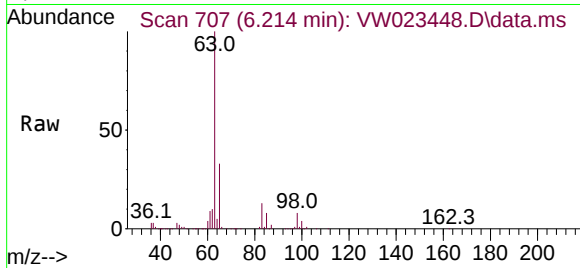




#19
1,1-Dichloroethane
Concen: 27.151 ug/L
RT: 6.214 min Scan# 707
Delta R.T. -0.000 min
Lab File: VW023448.D
Acq: 10 Jun 2022 15:52

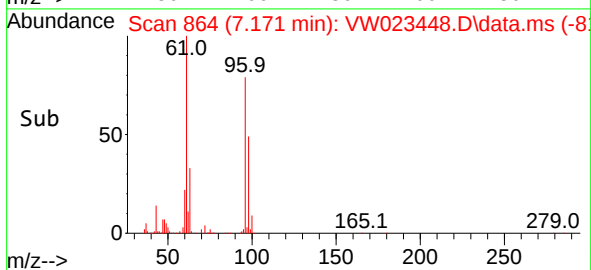
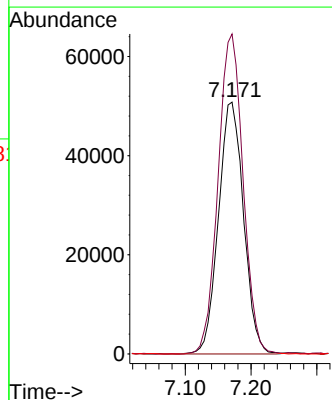
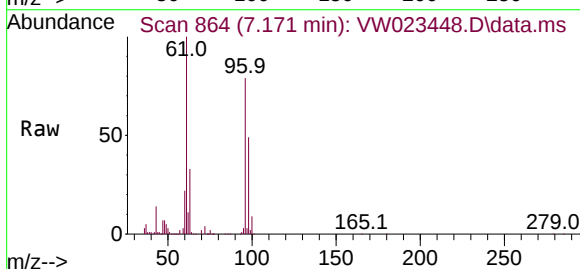
Instrument :
MSVOA_W
ClientSampleId :

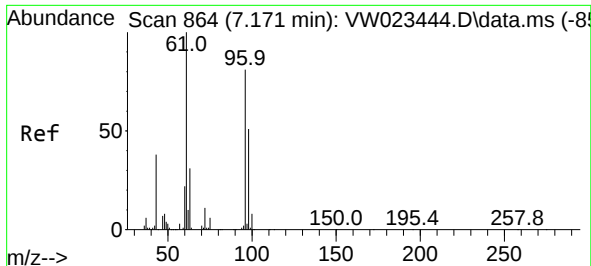
Tgt Ion: 63 Resp: 232224
Ion Ratio Lower Upper
63 100
65 33.1 23.3 43.3
83 13.2 11.1 20.5



#20
cis-1,2-Dichloroethene
Concen: 25.843 ug/L
RT: 7.171 min Scan# 864
Delta R.T. -0.000 min
Lab File: VW023448.D
Acq: 10 Jun 2022 15:52

Tgt Ion: 96 Resp: 134949
Ion Ratio Lower Upper
96 100
61 127.1 84.2 156.4
68 0.0 0.1 0.1#

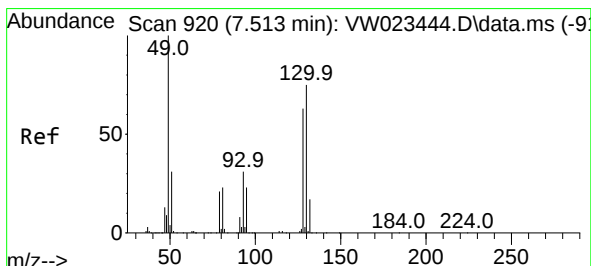
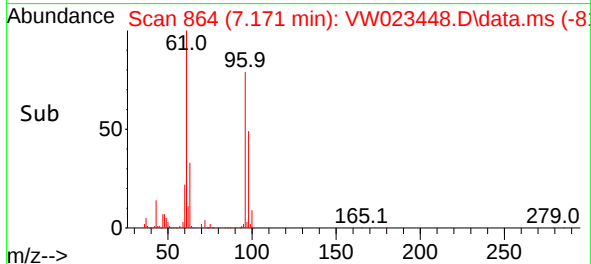
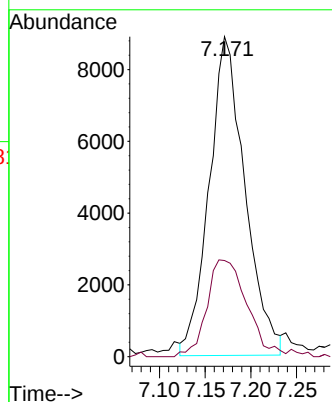
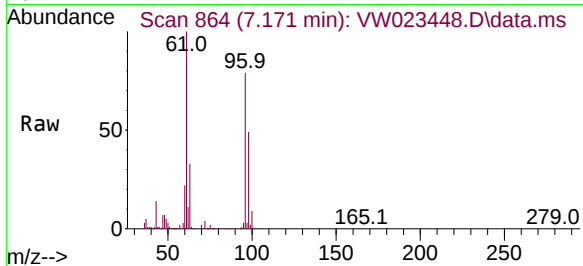




#22
2-Butanone
Concen: 18.265 ug/L
RT: 7.171 min Scan# 864
Delta R.T. -0.000 min
Lab File: VW023448.D
Acq: 10 Jun 2022 15:52

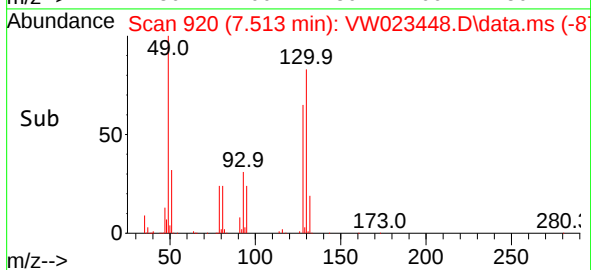
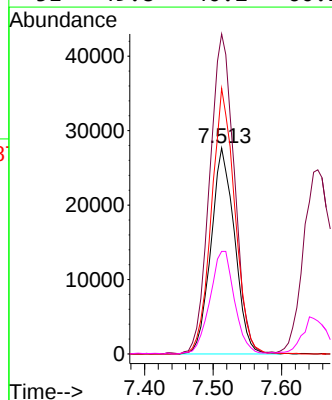
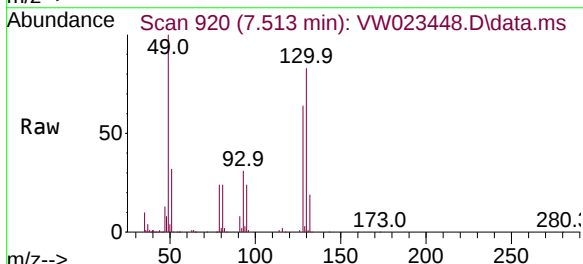
Instrument :
MSVOA_W
ClientSampleId :

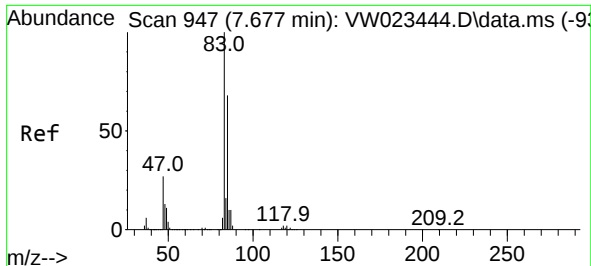
Tgt Ion: 43 Resp: 24199
Ion Ratio Lower Upper
43 100
72 33.0 15.1 45.3



#23
Bromochloromethane
Concen: 27.450 ug/L
RT: 7.513 min Scan# 920
Delta R.T. -0.000 min
Lab File: VW023448.D
Acq: 10 Jun 2022 15:52

Tgt Ion: 128 Resp: 66033
Ion Ratio Lower Upper
128 100
49 155.4 110.0 204.4
130 129.0 94.8 176.0
51 49.8 40.2 60.2

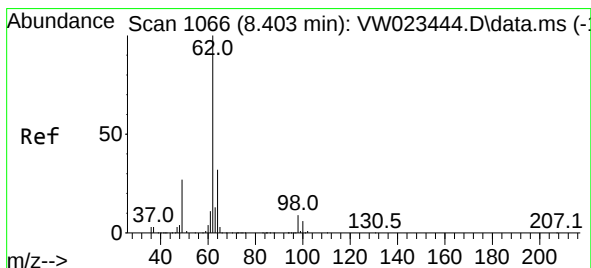
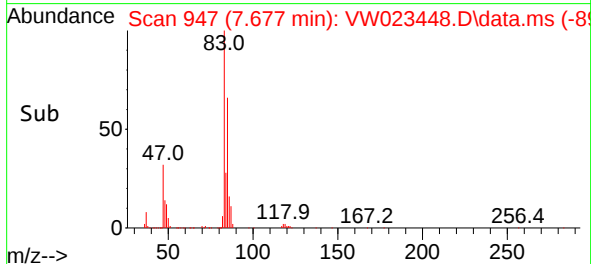
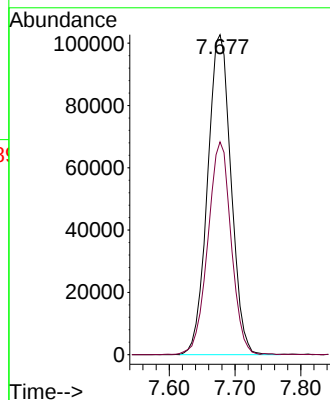
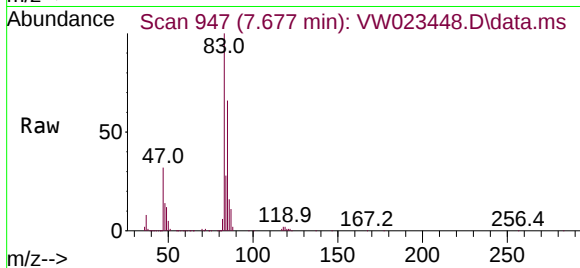




#25
Chloroform
Concen: 26.440 ug/L
RT: 7.677 min Scan# 947
Delta R.T. -0.000 min
Lab File: VW023448.D
Acq: 10 Jun 2022 15:52

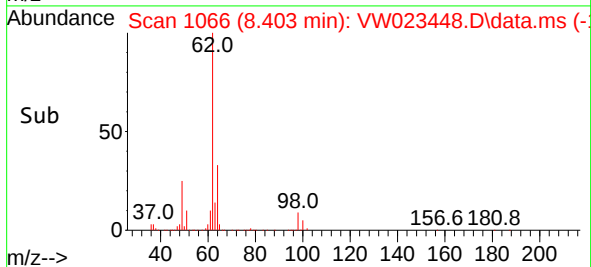
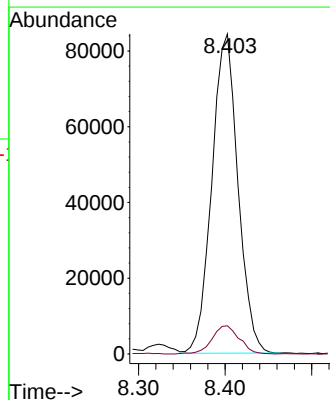
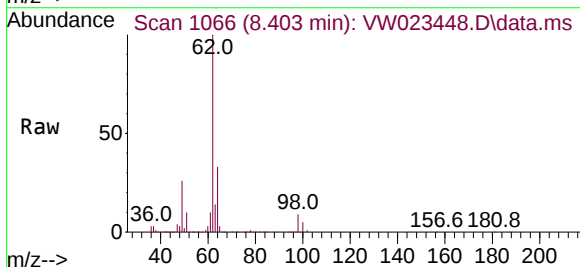
Instrument :
MSVOA_W
ClientSampleId :

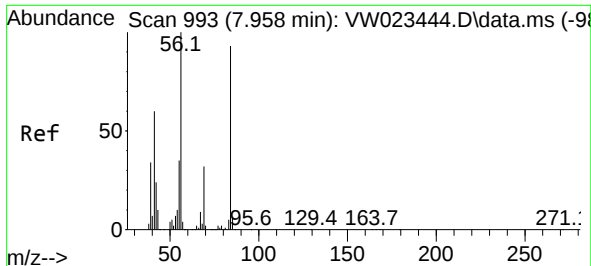
Tgt Ion: 83 Resp: 255194
Ion Ratio Lower Upper
83 100
85 66.5 46.6 86.6



#27
1,2-Dichloroethane
Concen: 27.685 ug/L
RT: 8.403 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VW023448.D
Acq: 10 Jun 2022 15:52

Tgt Ion: 62 Resp: 176724
Ion Ratio Lower Upper
62 100
98 8.8 7.2 10.8





#29

Cyclohexane

Concen: 27.786 ug/L

RT: 7.958 min Scan# 993

Delta R.T. -0.000 min

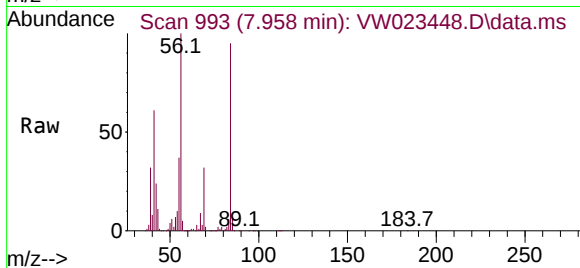
Lab File: VW023448.D

Acq: 10 Jun 2022 15:52

Instrument :

MSVOA_W

ClientSampleId :



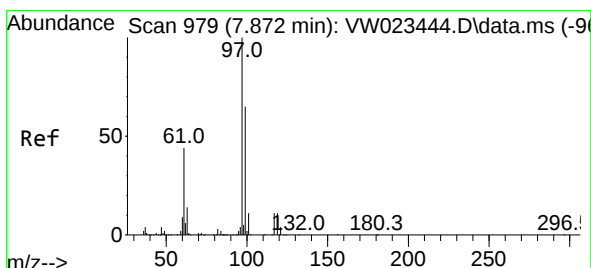
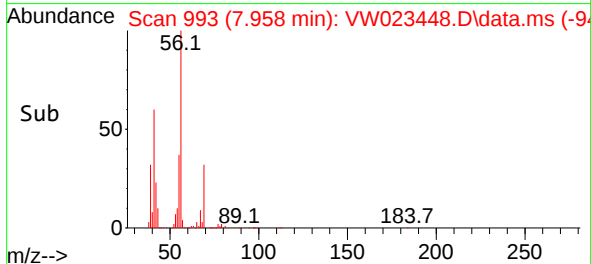
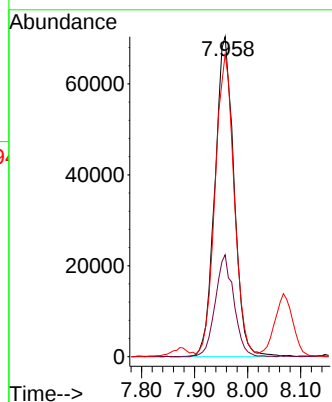
Tgt Ion: 56 Resp: 176049

Ion	Ratio	Lower	Upper
56	100		
69	30.9	25.6	38.4
84	94.5	78.2	117.4

56 100

69 30.9 25.6 38.4

84 94.5 78.2 117.4



#30

1,1,1-Trichloroethane

Concen: 28.490 ug/L

RT: 7.872 min Scan# 979

Delta R.T. -0.000 min

Lab File: VW023448.D

Acq: 10 Jun 2022 15:52

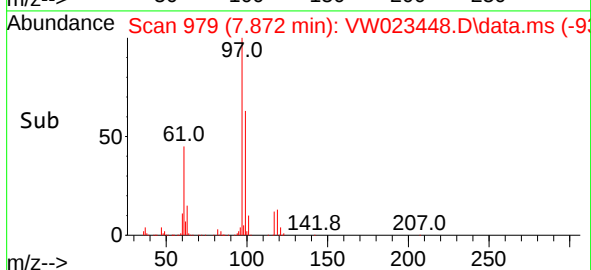
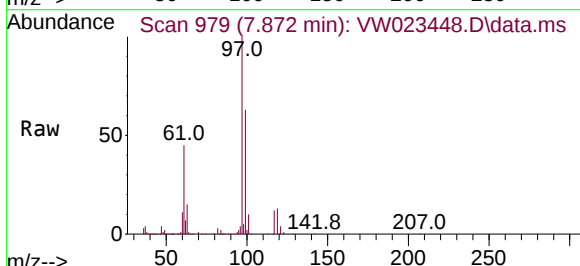
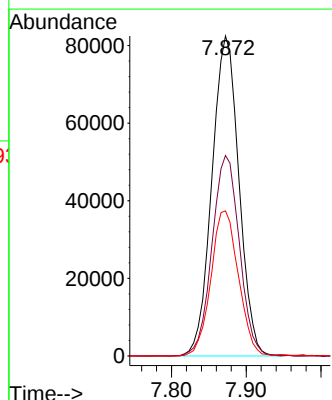
Tgt Ion: 97 Resp: 207449

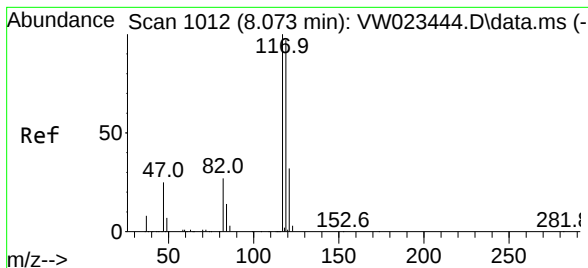
Ion	Ratio	Lower	Upper
97	100		
99	63.6	51.0	76.4
61	46.2	34.8	52.2

97 100

99 63.6 51.0 76.4

61 46.2 34.8 52.2

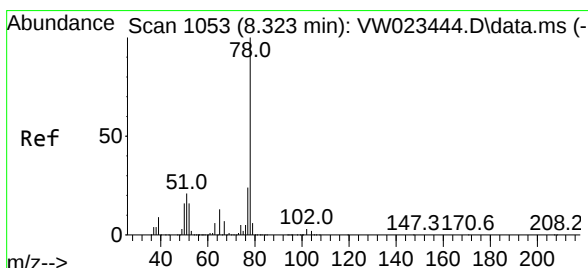
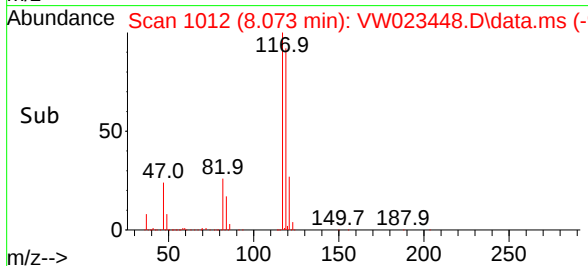
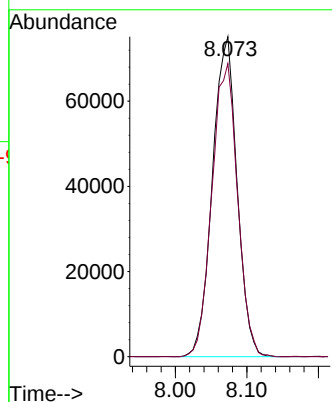
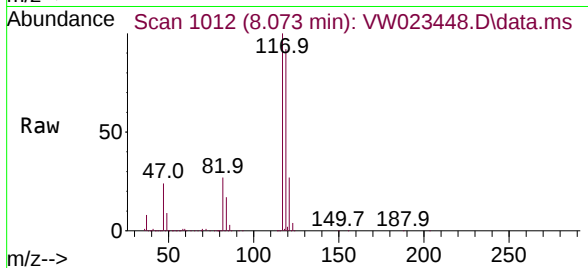




#31
Carbon tetrachloride
Concen: 26.760 ug/L
RT: 8.073 min Scan# 1012
Delta R.T. -0.000 min
Lab File: VW023448.D
Acq: 10 Jun 2022 15:52

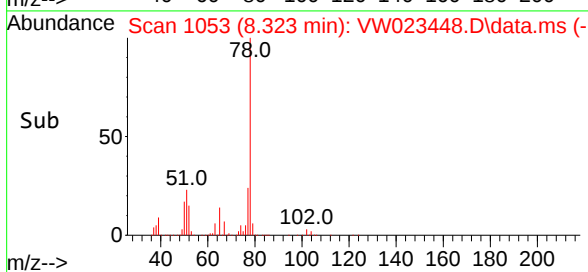
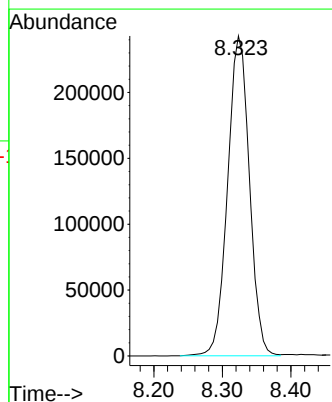
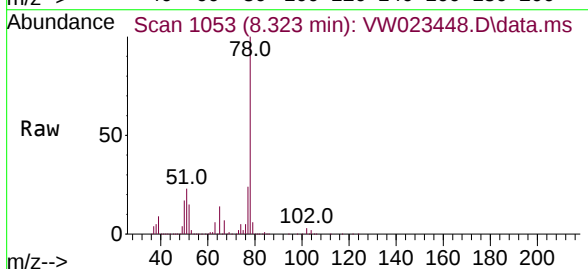
Instrument :
MSVOA_W
ClientSampleId :

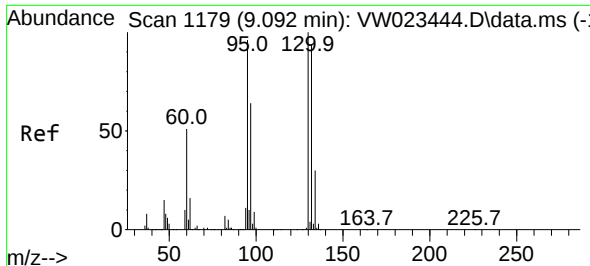
Tgt Ion:117 Resp: 179510
Ion Ratio Lower Upper
117 100
119 95.5 76.6 115.0



#33
Benzene
Concen: 29.479 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VW023448.D
Acq: 10 Jun 2022 15:52

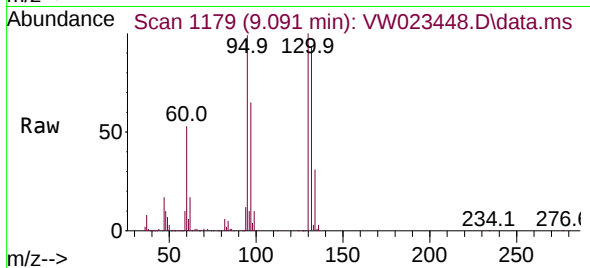
Tgt Ion: 78 Resp: 535687





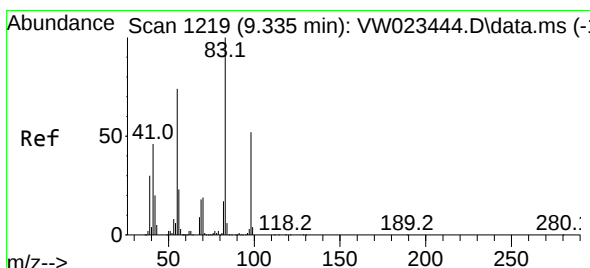
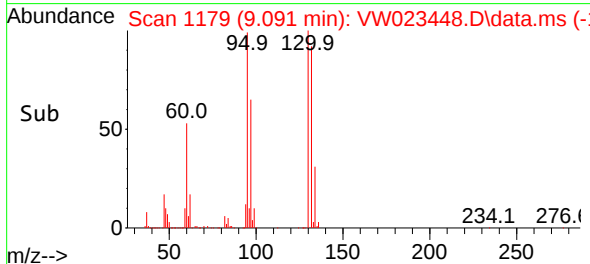
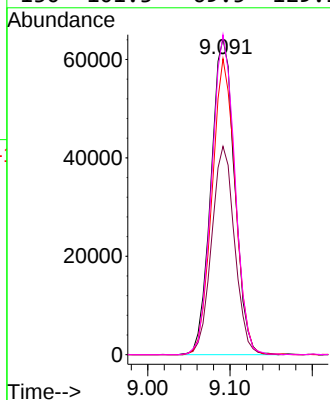
#34
Trichloroethene
Concen: 26.323 ug/L
RT: 9.091 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VW023448.D
Acq: 10 Jun 2022 15:52

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion: 95 Resp: 128209

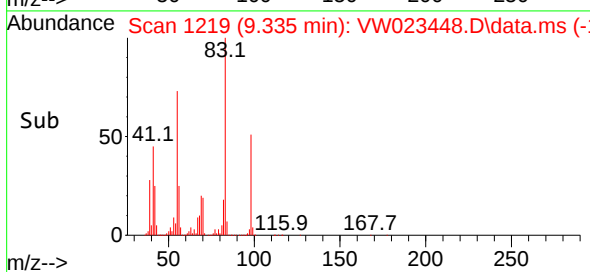
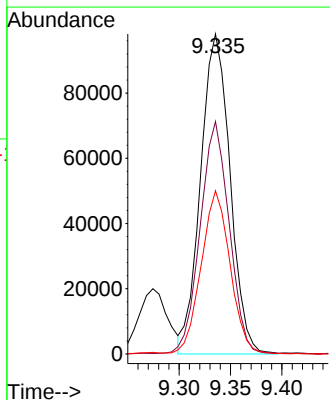
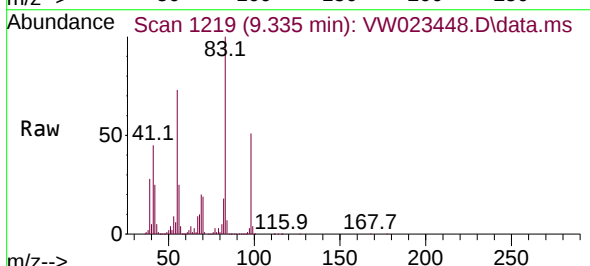
Ion	Ratio	Lower	Upper
95	100		
97	66.0	46.1	85.7
132	93.8	66.9	124.3
130	101.3	69.5	129.1

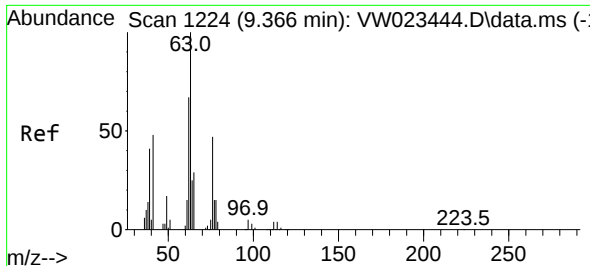


#35
Methylcyclohexane
Concen: 24.876 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. -0.000 min
Lab File: VW023448.D
Acq: 10 Jun 2022 15:52

Tgt Ion: 83 Resp: 196153

Ion	Ratio	Lower	Upper
83	100		
55	71.7	55.1	82.7
98	50.1	40.4	60.6





#37

1,2-Dichloropropane

Concen: 30.188 ug/L

RT: 9.372 min Scan# 11

Delta R.T. 0.006 min

Lab File: VW023448.D

Acq: 10 Jun 2022 15:52

Instrument :

MSVOA_W

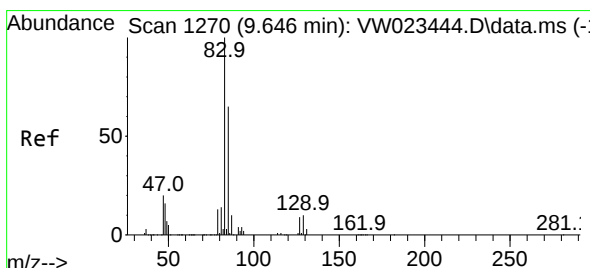
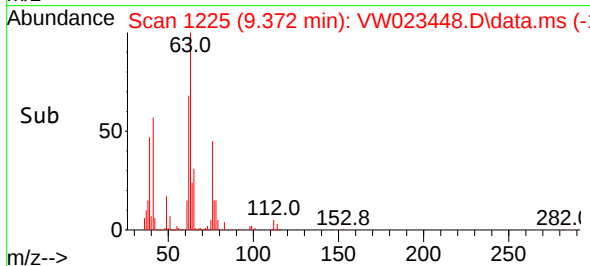
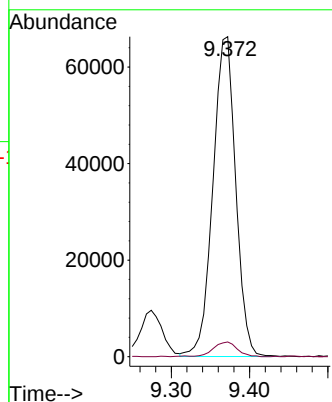
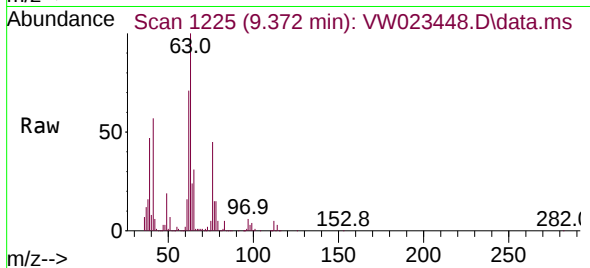
ClientSampleId :

Tgt Ion: 63 Resp: 134058

Ion Ratio Lower Upper

63 100

112 4.8 3.8 5.8



#38

Bromodichloromethane

Concen: 30.543 ug/L

RT: 9.646 min Scan# 1270

Delta R.T. -0.000 min

Lab File: VW023448.D

Acq: 10 Jun 2022 15:52

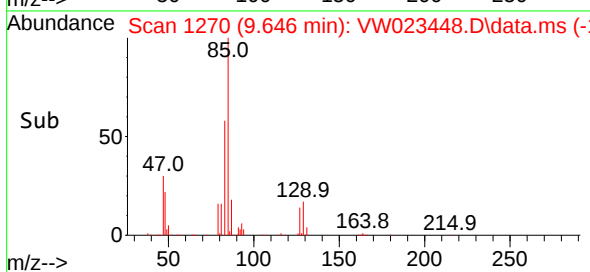
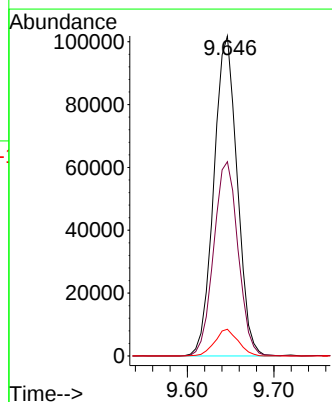
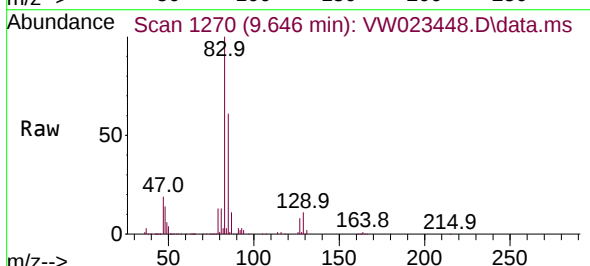
Tgt Ion: 83 Resp: 190769

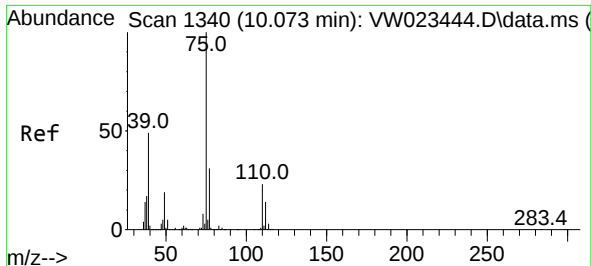
Ion Ratio Lower Upper

83 100

85 60.7 43.5 80.7

127 8.3 7.1 10.7





#39

cis-1,3-Dichloropropene

Concen: 20.781 ug/L

RT: 10.073 min Scan# 1340

Delta R.T. -0.000 min

Lab File: VW023448.D

Acq: 10 Jun 2022 15:52

Instrument :

MSVOA_W

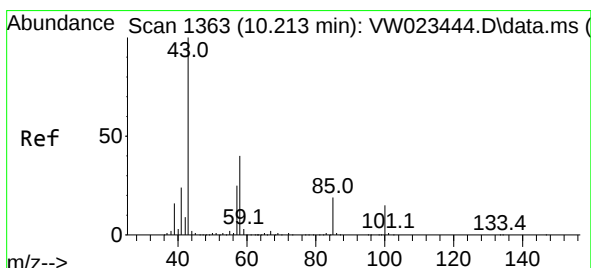
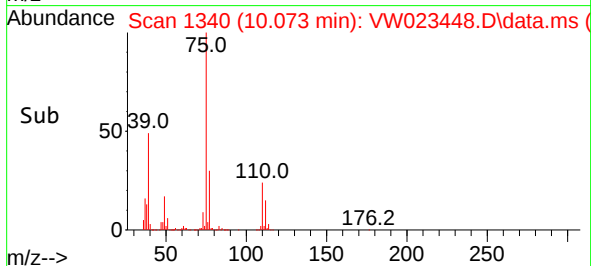
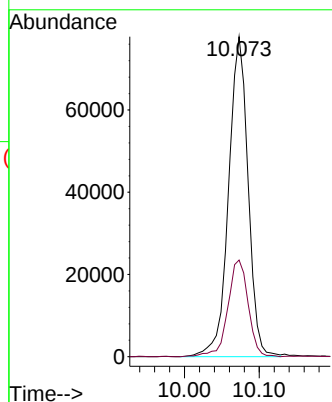
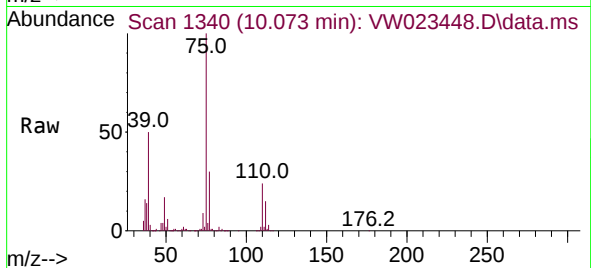
ClientSampleId :

Tgt Ion: 75 Resp: 141418

Ion Ratio Lower Upper

75 100

77 30.2 22.1 41.1



#40

4-Methyl-2-pentanone

Concen: 43.019 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. -0.006 min

Lab File: VW023448.D

Acq: 10 Jun 2022 15:52

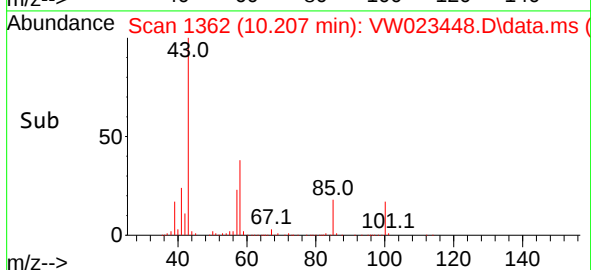
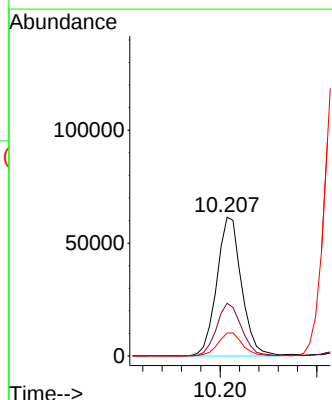
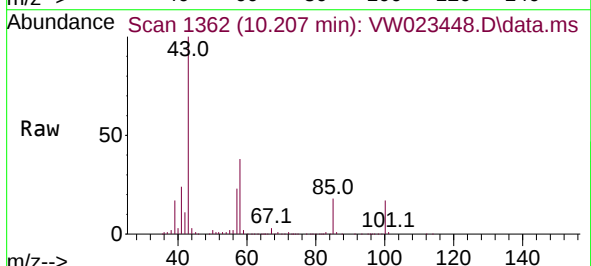
Tgt Ion: 43 Resp: 108962

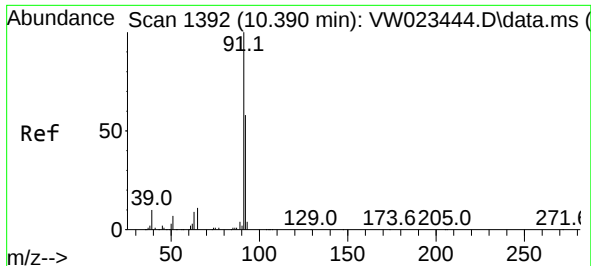
Ion Ratio Lower Upper

43 100

58 38.2 31.4 47.2

100 16.6 14.2 21.4

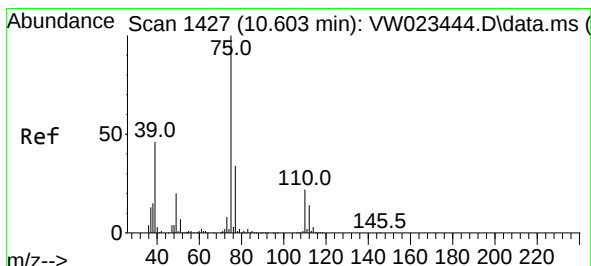
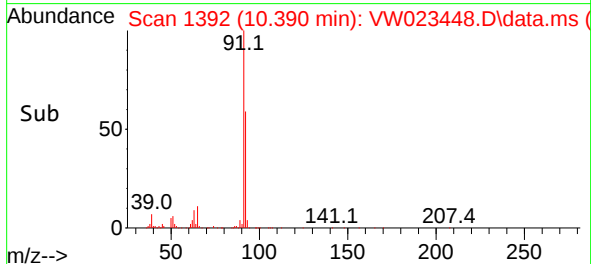
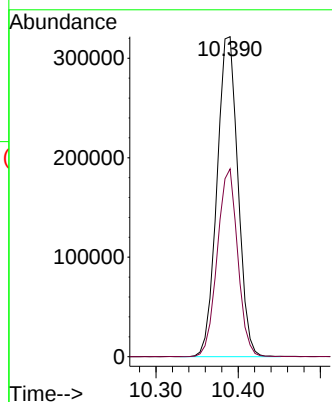
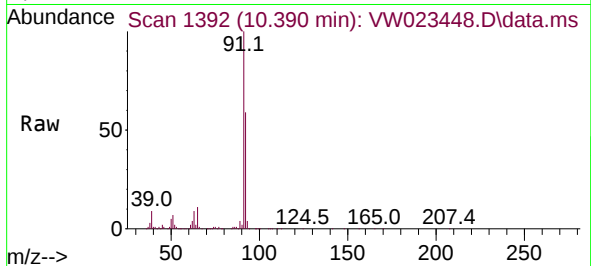




#42
Toluene
Concen: 28.076 ug/L
RT: 10.390 min Scan# 1392
Delta R.T. -0.000 min
Lab File: VW023448.D
Acq: 10 Jun 2022 15:52

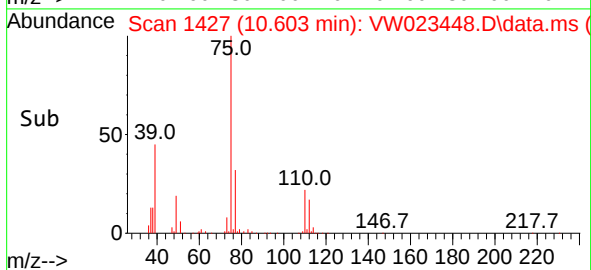
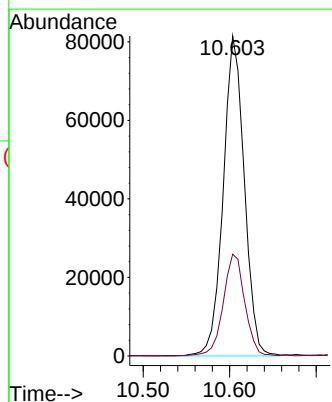
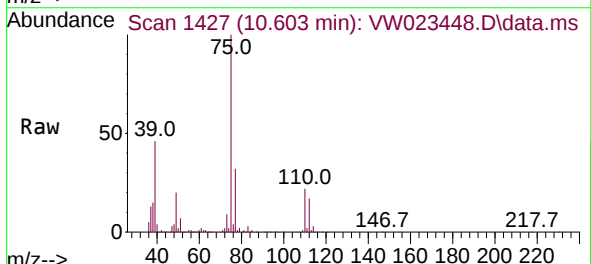
Instrument :
MSVOA_W
ClientSampleId :

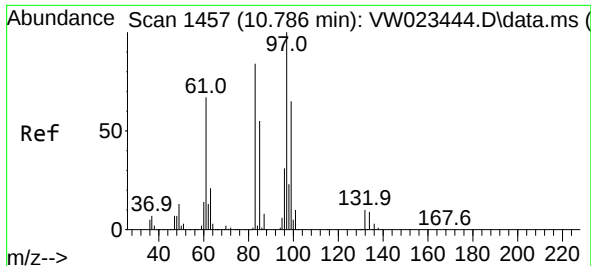
Tgt Ion: 91 Resp: 570021
Ion Ratio Lower Upper
91 100
92 58.7 41.6 77.2



#44
trans-1,3-Dichloropropene
Concen: 22.441 ug/L
RT: 10.603 min Scan# 1427
Delta R.T. -0.000 min
Lab File: VW023448.D
Acq: 10 Jun 2022 15:52

Tgt Ion: 75 Resp: 137801
Ion Ratio Lower Upper
75 100
77 31.8 22.0 40.8

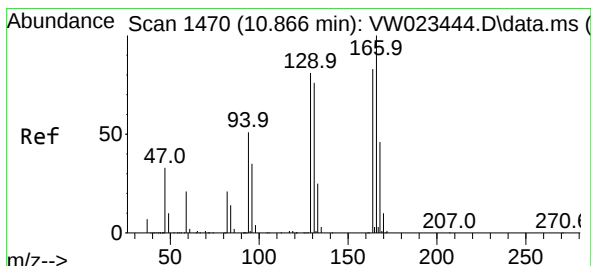
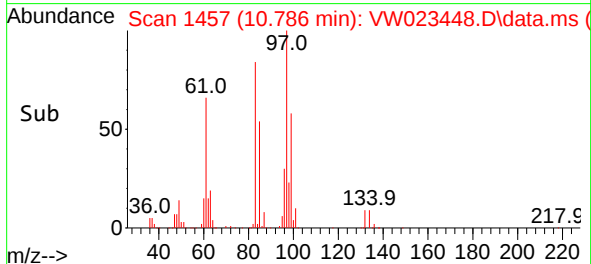
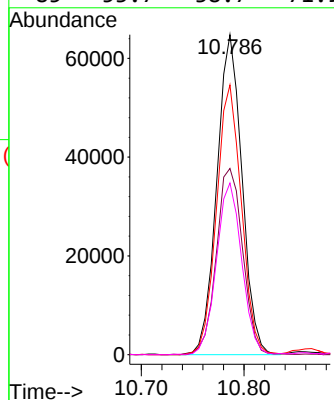
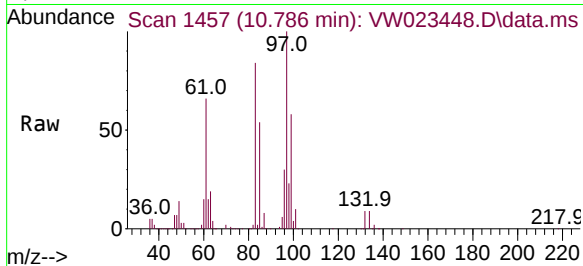




#45
1,1,2-Trichloroethane
Concen: 30.149 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VW023448.D
Acq: 10 Jun 2022 15:52

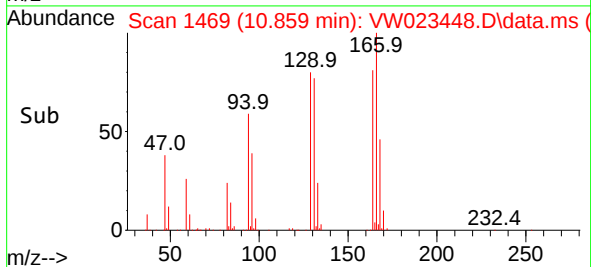
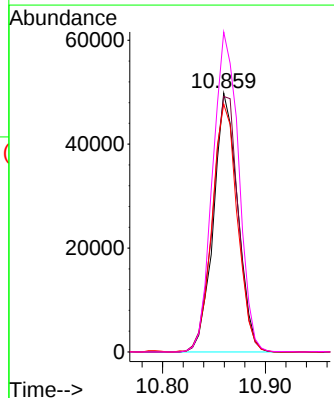
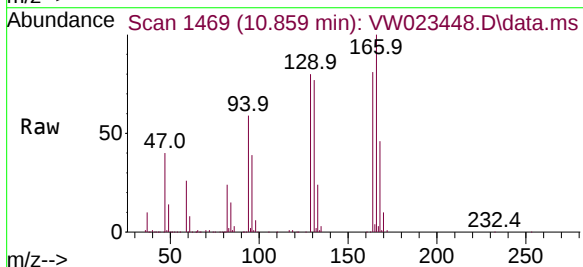
Instrument :
MSVOA_W
ClientSampleId :

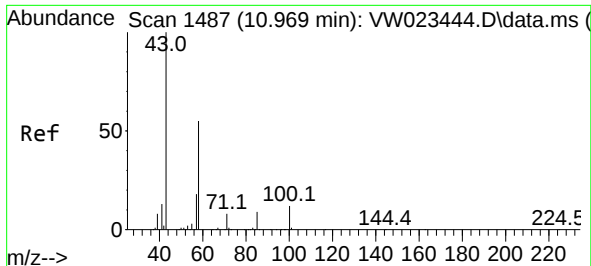
Tgt Ion: 97 Resp: 109979
Ion Ratio Lower Upper
97 100
99 58.2 44.7 82.9
83 84.3 58.4 108.4
85 53.7 38.7 71.9



#46
Tetrachloroethene
Concen: 21.751 ug/L
RT: 10.859 min Scan# 1469
Delta R.T. -0.006 min
Lab File: VW023448.D
Acq: 10 Jun 2022 15:52

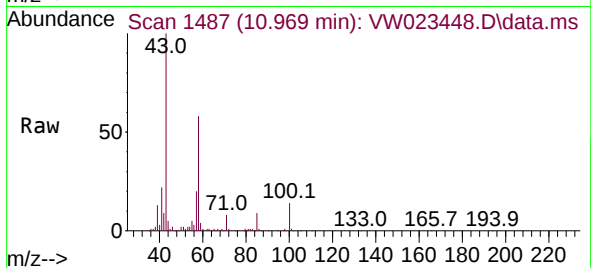
Tgt Ion:164 Resp: 81784
Ion Ratio Lower Upper
164 100
129 98.7 76.9 142.7
131 95.7 75.1 139.5
166 123.6 96.0 178.2



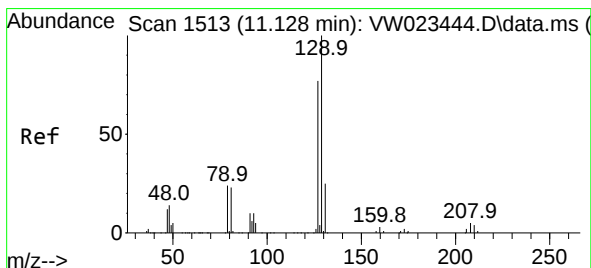
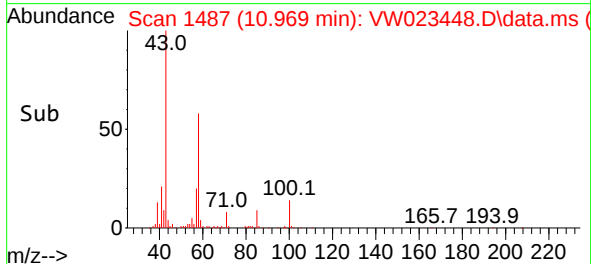
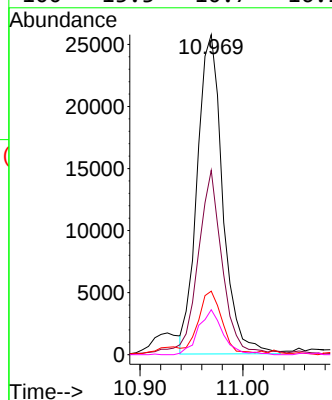


#48
2-Hexanone
Concen: 25.996 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VW023448.D
Acq: 10 Jun 2022 15:52

Instrument :
MSVOA_W
ClientSampleId :

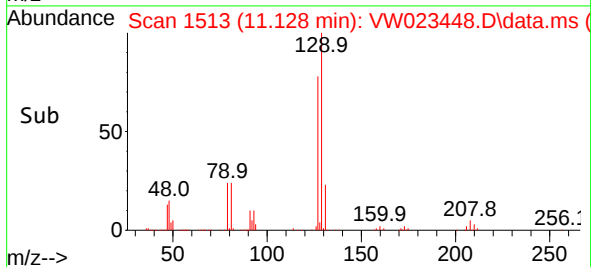
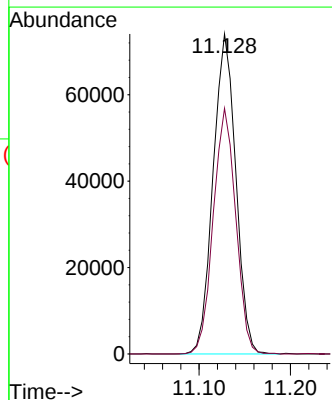
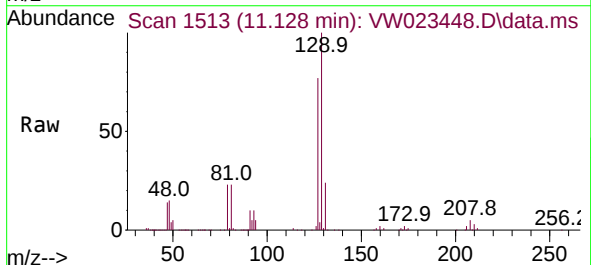


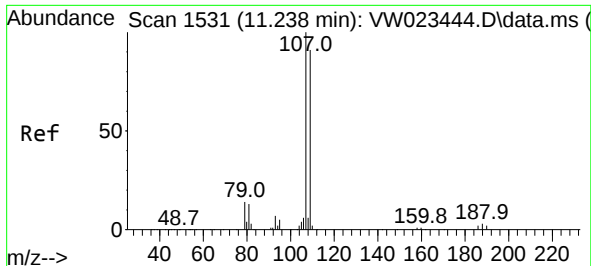
Tgt Ion:	43	Resp:	44499
Ion	Ratio	Lower	Upper
43	100		
58	55.8	45.9	68.9
57	18.2	16.2	24.2
100	13.3	10.7	16.1



#49
Dibromochloromethane
Concen: 29.925 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VW023448.D
Acq: 10 Jun 2022 15:52

Tgt Ion:	129	Resp:	127841
Ion	Ratio	Lower	Upper
129	100		
127	76.7	53.8	100.0





#50

1,2-Dibromoethane

Concen: 28.621 ug/L

RT: 11.231 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW023448.D

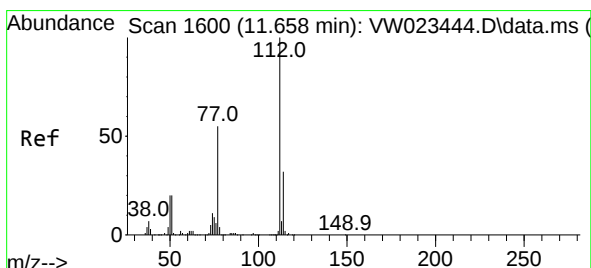
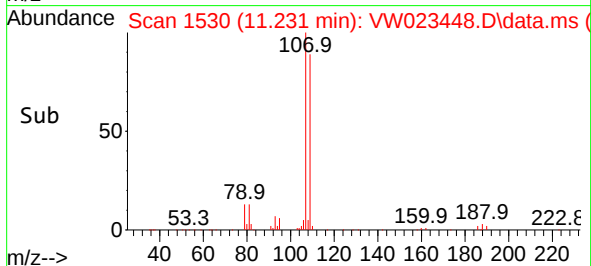
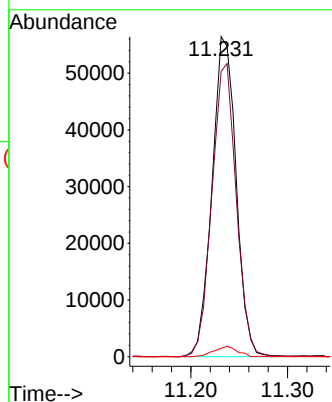
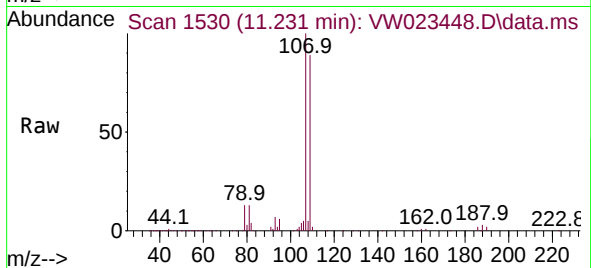
Acq: 10 Jun 2022 15:52

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	107	Resp:	97598
Ion	Ratio	Lower	Upper
107	100		
109	89.1	67.5	125.4
188	2.6	2.9	4.3#



#51

Chlorobenzene

Concen: 24.151 ug/L

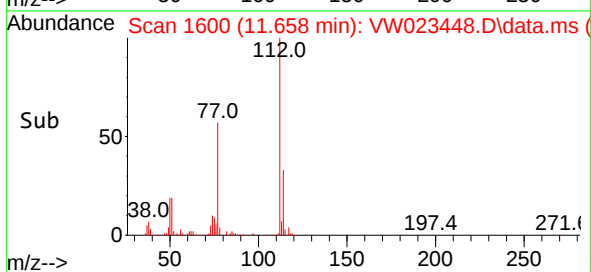
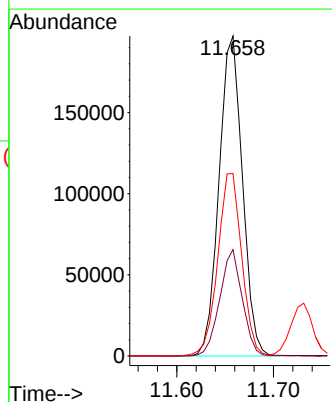
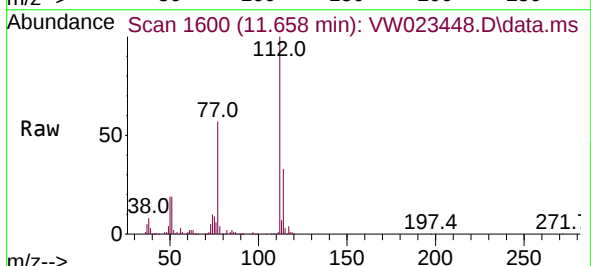
RT: 11.658 min Scan# 1600

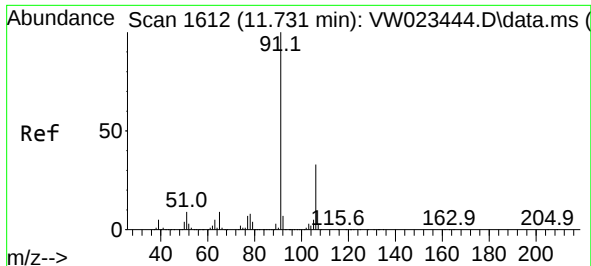
Delta R.T. -0.000 min

Lab File: VW023448.D

Acq: 10 Jun 2022 15:52

Tgt Ion:	112	Resp:	330914
Ion	Ratio	Lower	Upper
112	100		
114	33.3	22.0	41.0
77	57.0	42.6	63.8

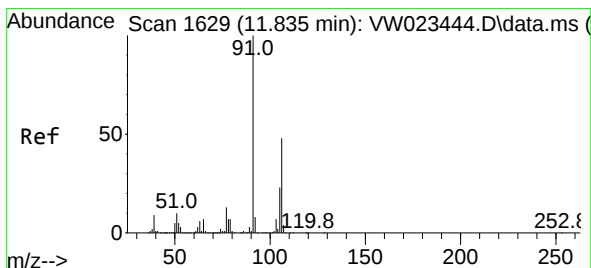
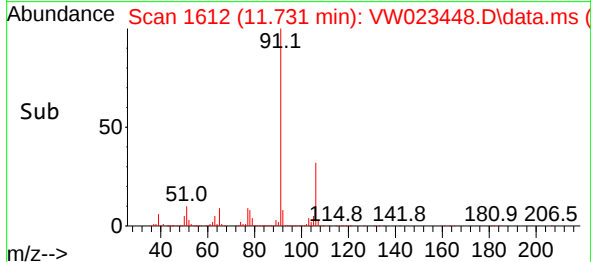
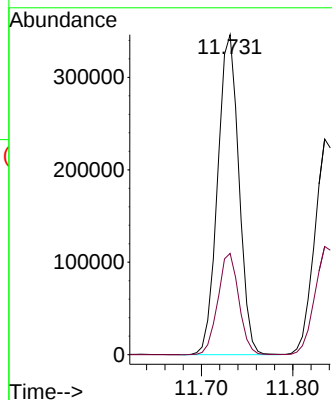
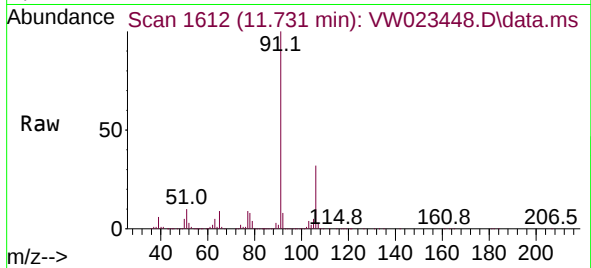




#52
Ethylbenzene
Concen: 24.248 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. -0.000 min
Lab File: VW023448.D
Acq: 10 Jun 2022 15:52

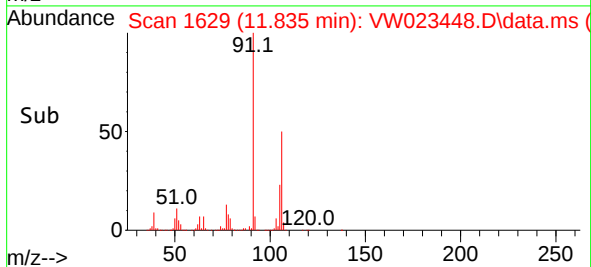
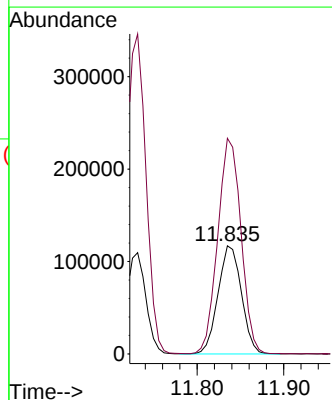
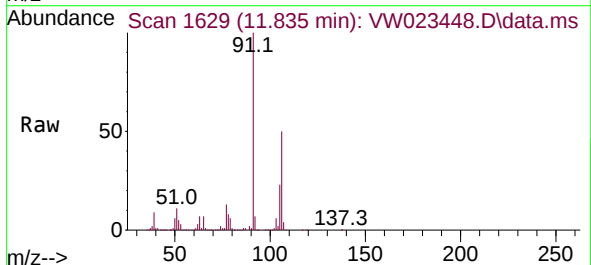
Instrument :
MSVOA_W
ClientSampleId :

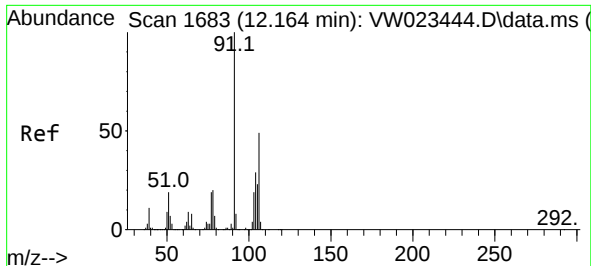
Tgt Ion: 91 Resp: 559524
Ion Ratio Lower Upper
91 100
106 31.7 22.3 41.3



#53
m,p-Xylene
Concen: 24.446 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VW023448.D
Acq: 10 Jun 2022 15:52

Tgt Ion:106 Resp: 219541
Ion Ratio Lower Upper
106 100
91 199.4 136.8 254.0

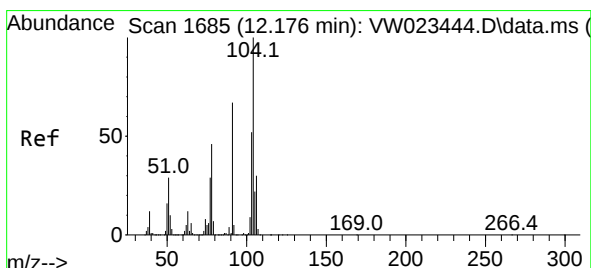
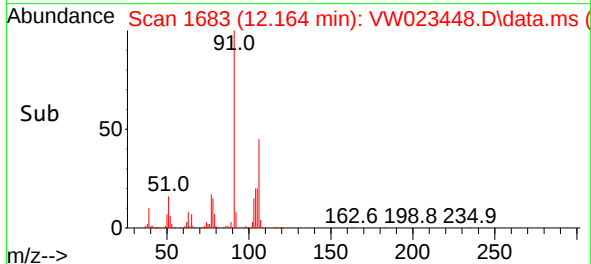
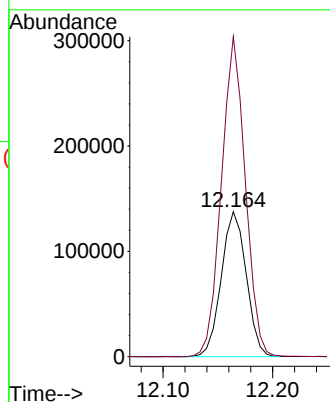
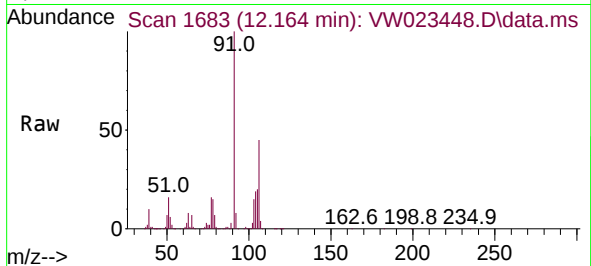




#54
o-Xylene
Concen: 25.373 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VW023448.D
Acq: 10 Jun 2022 15:52

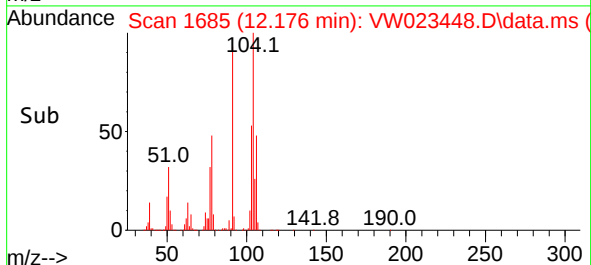
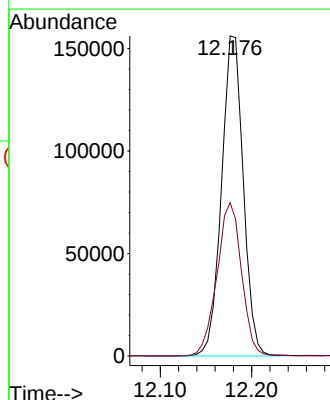
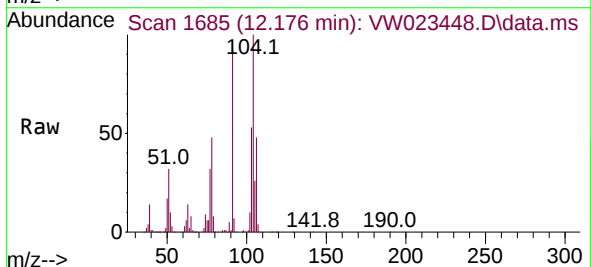
Instrument :
MSVOA_W
ClientSampleId :

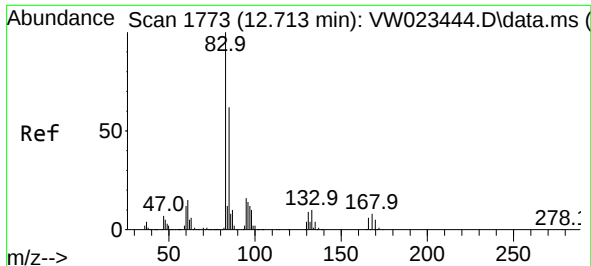
Tgt Ion:106 Resp: 217756
Ion Ratio Lower Upper
106 100
91 220.7 147.2 273.4



#55
Styrene
Concen: 17.340 ug/L
RT: 12.176 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VW023448.D
Acq: 10 Jun 2022 15:52

Tgt Ion:104 Resp: 258743
Ion Ratio Lower Upper
104 100
78 47.9 32.3 59.9





#57

1,1,2,2-Tetrachloroethane

Concen: 28.875 ug/L

RT: 12.713 min Scan# 1773

Delta R.T. -0.000 min

Lab File: VW023448.D

Acq: 10 Jun 2022 15:52

Instrument :

MSVOA_W

ClientSampleId :

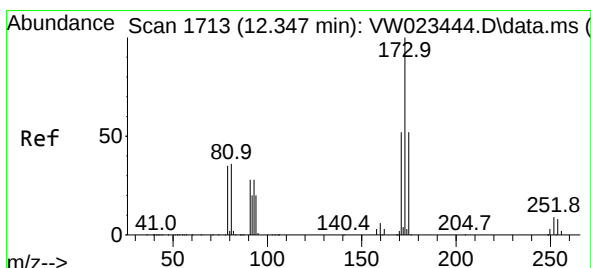
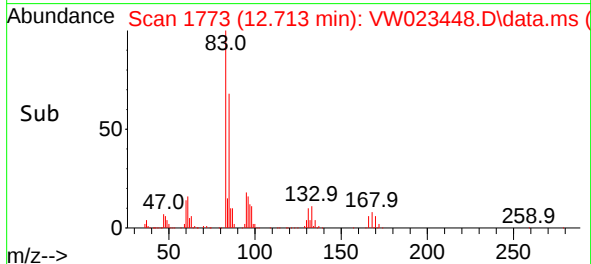
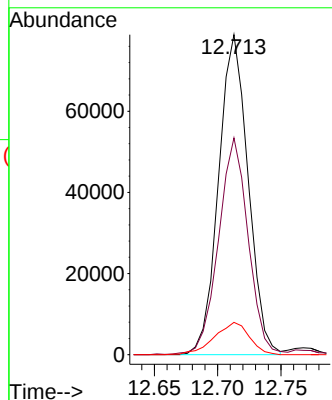
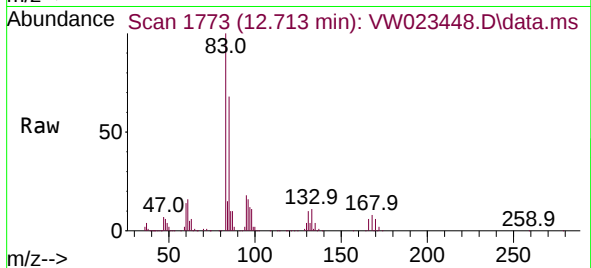
Tgt Ion: 83 Resp: 127911

Ion Ratio Lower Upper

83 100

85 67.7 47.5 88.1

131 10.1 8.7 13.1



#59

Bromoform

Concen: 34.270 ug/L

RT: 12.347 min Scan# 1713

Delta R.T. -0.000 min

Lab File: VW023448.D

Acq: 10 Jun 2022 15:52

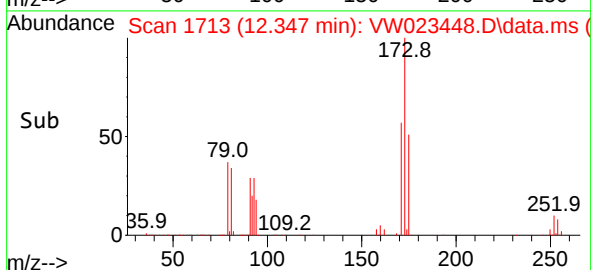
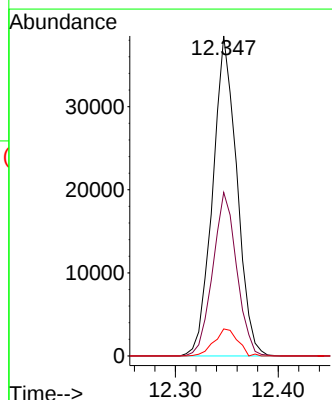
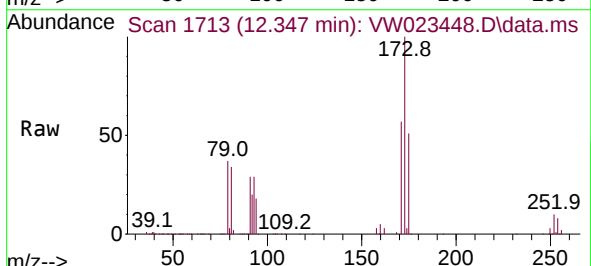
Tgt Ion: 173 Resp: 62885

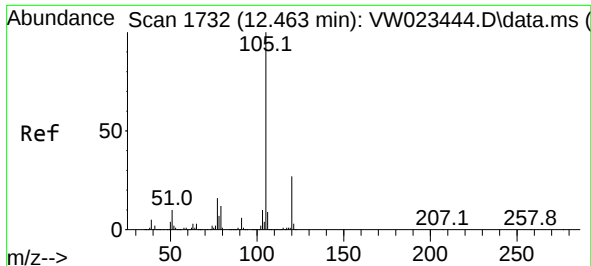
Ion Ratio Lower Upper

173 100

175 50.4 38.1 57.1

254 8.1 6.5 9.7

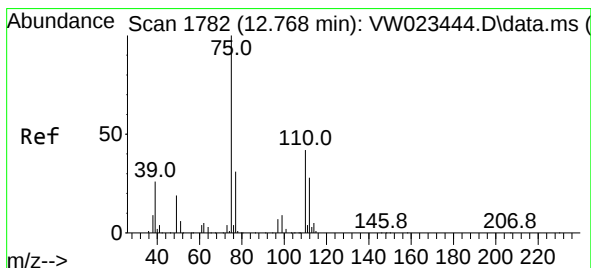
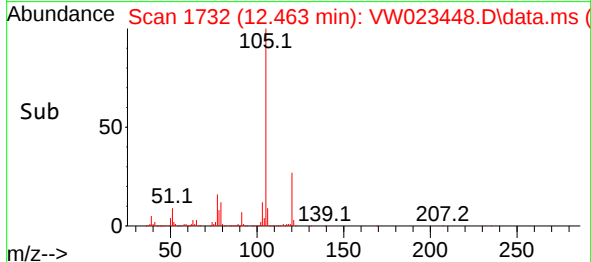
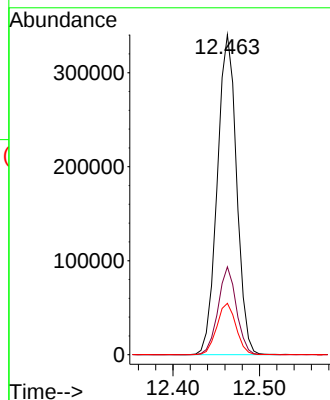
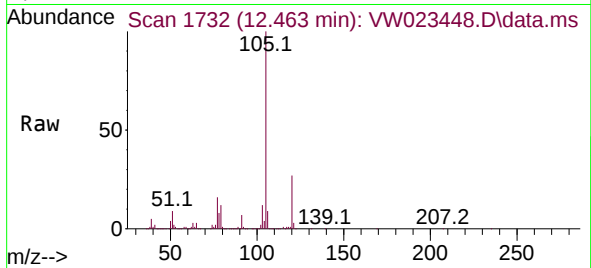




#60
Isopropylbenzene
Concen: 28.541 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VW023448.D
Acq: 10 Jun 2022 15:52

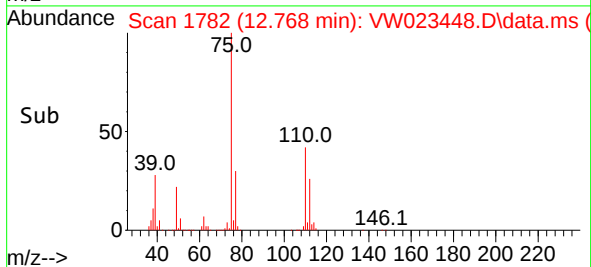
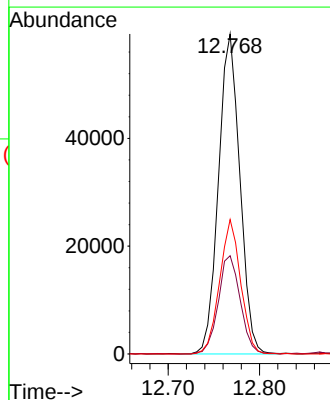
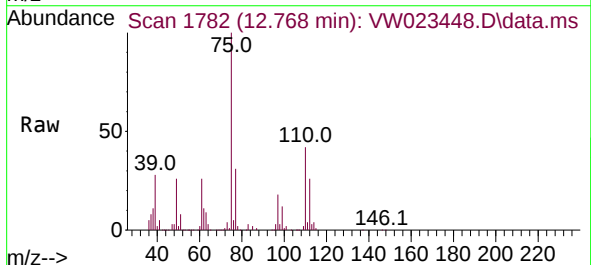
Instrument :
MSVOA_W
ClientSampleId :

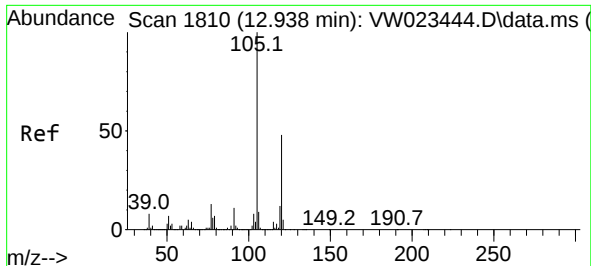
Tgt Ion:105 Resp: 527402
Ion Ratio Lower Upper
105 100
120 26.1 21.3 31.9
77 16.0 12.6 19.0



#61
1,2,3-Trichloropropane
Concen: 39.332 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. -0.000 min
Lab File: VW023448.D
Acq: 10 Jun 2022 15:52

Tgt Ion: 75 Resp: 96613
Ion Ratio Lower Upper
75 100
77 31.6 26.2 39.2
110 41.3 34.1 51.1





#62

1,3,5-Trimethylbenzene

Concen: 27.107 ug/L

RT: 12.944 min Scan# 1811

Delta R.T. 0.006 min

Lab File: VW023448.D

Acq: 10 Jun 2022 15:52

Instrument :

MSVOA_W

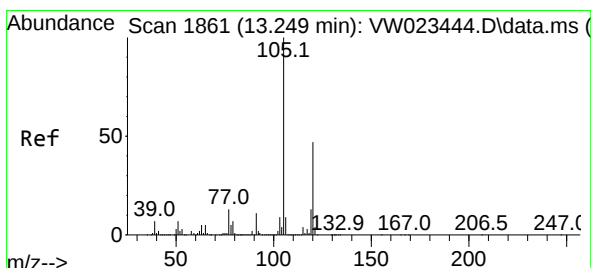
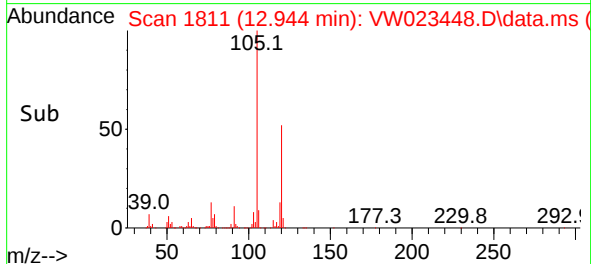
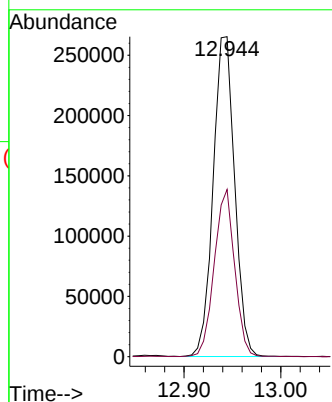
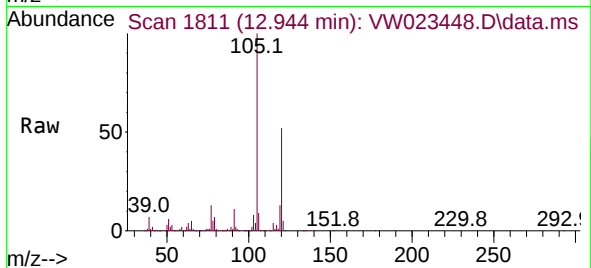
ClientSampleId :

Tgt Ion:105 Resp: 409660

Ion Ratio Lower Upper

105 100

120 49.6 38.9 58.3



#63

1,2,4-Trimethylbenzene

Concen: 26.863 ug/L

RT: 13.249 min Scan# 1861

Delta R.T. -0.000 min

Lab File: VW023448.D

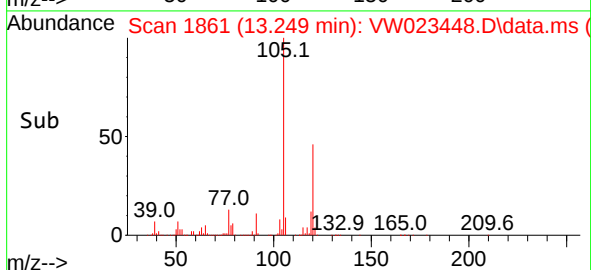
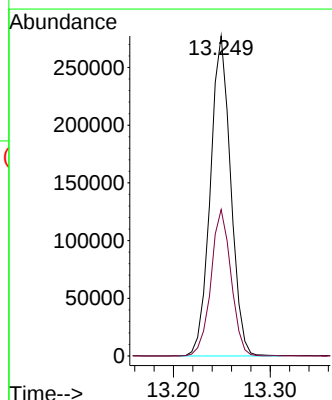
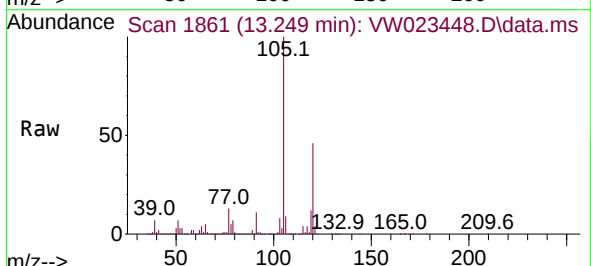
Acq: 10 Jun 2022 15:52

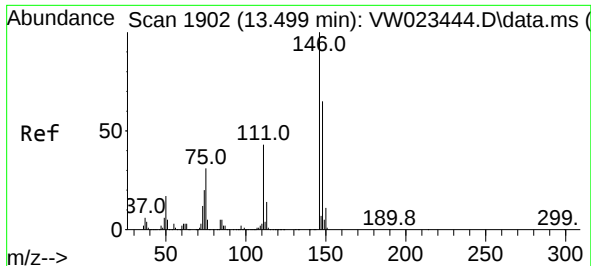
Tgt Ion:105 Resp: 406272

Ion Ratio Lower Upper

105 100

120 44.9 37.4 56.2

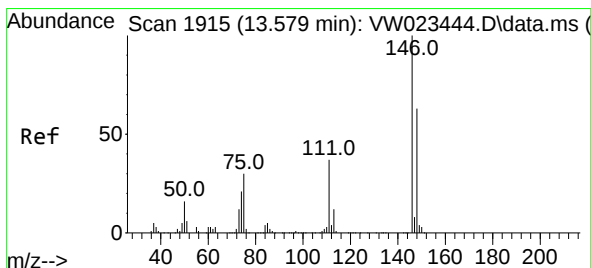
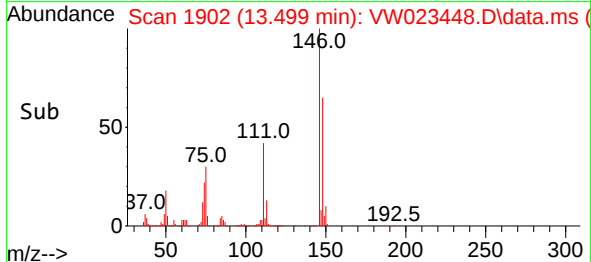
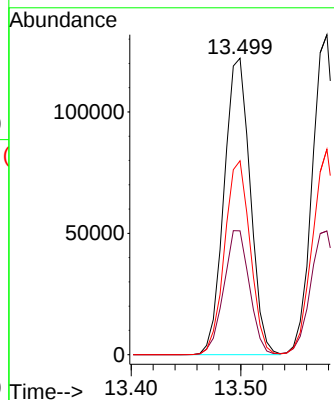
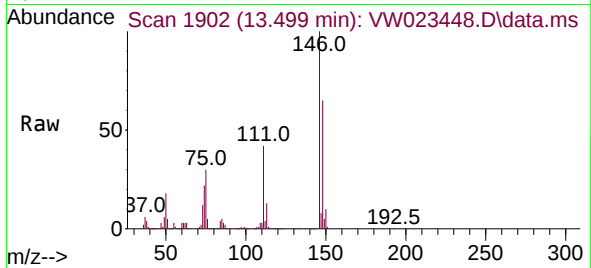




#64
1,3-Dichlorobenzene
Concen: 24.685 ug/L
RT: 13.499 min Scan# 1902
Delta R.T. -0.000 min
Lab File: VW023448.D
Acq: 10 Jun 2022 15:52

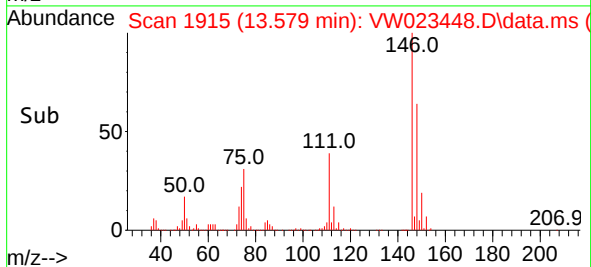
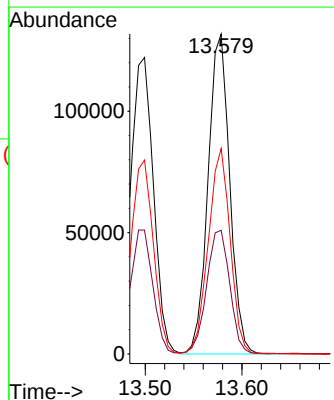
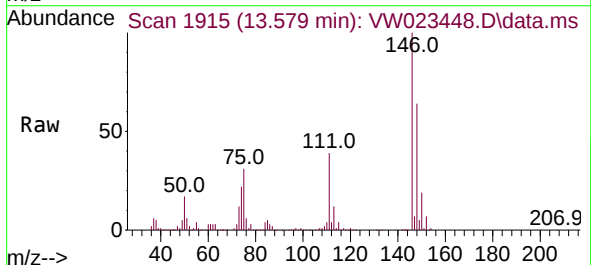
Instrument :
MSVOA_W
ClientSampleId :

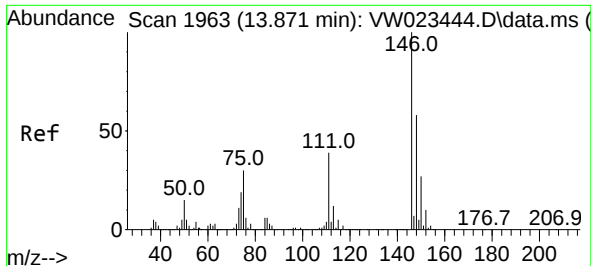
Tgt Ion:146 Resp: 202356
Ion Ratio Lower Upper
146 100
111 41.8 29.5 54.9
148 65.4 48.6 90.2



#65
1,4-Dichlorobenzene
Concen: 24.540 ug/L
RT: 13.579 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VW023448.D
Acq: 10 Jun 2022 15:52

Tgt Ion:146 Resp: 205412
Ion Ratio Lower Upper
146 100
111 38.7 27.2 50.4
148 64.2 44.0 81.6





#67

1,2-Dichlorobenzene

Concen: 25.569 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. -0.006 min

Lab File: VW023448.D

Acq: 10 Jun 2022 15:52

Instrument :

MSVOA_W

ClientSampleId :

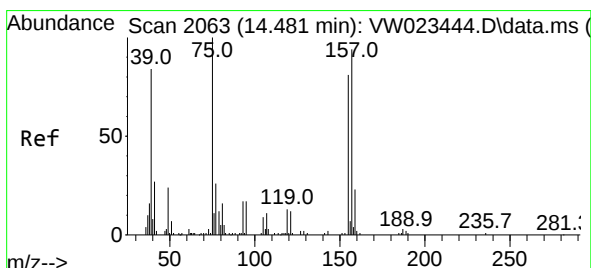
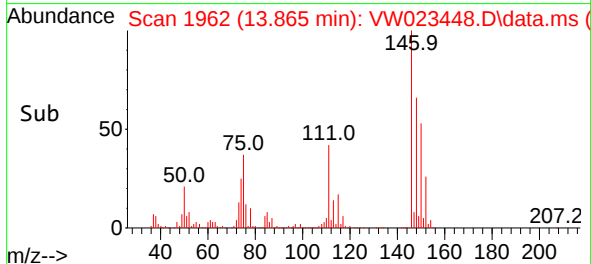
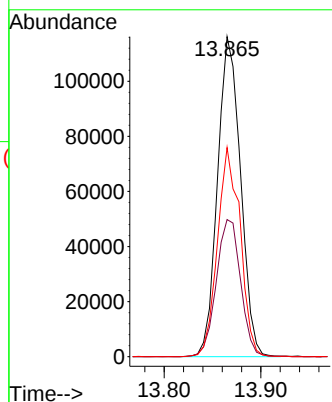
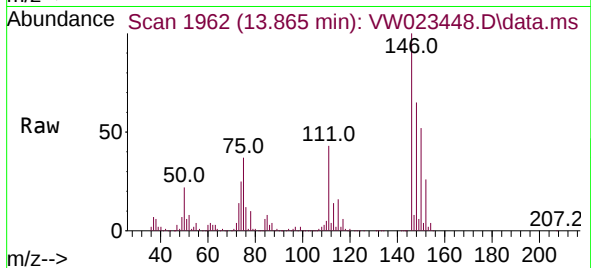
Tgt Ion:146 Resp: 191986

Ion Ratio Lower Upper

146 100

111 42.9 35.7 53.5

148 65.4 52.6 79.0



#68

1,2-Dibromo-3-chloropropane

Concen: 36.830 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. -0.000 min

Lab File: VW023448.D

Acq: 10 Jun 2022 15:52

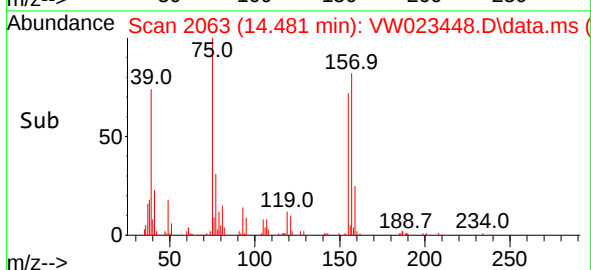
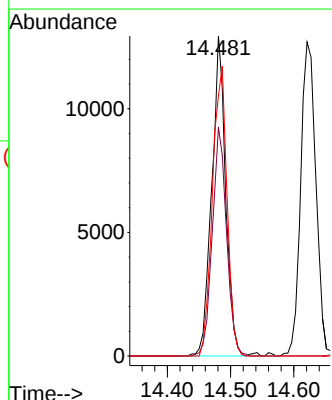
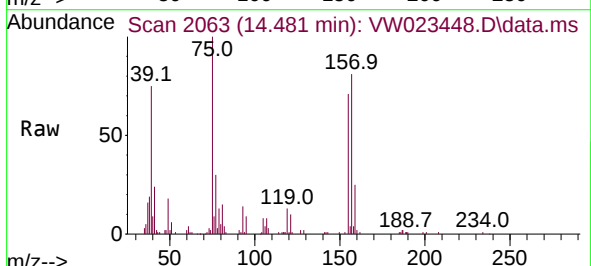
Tgt Ion: 75 Resp: 19976

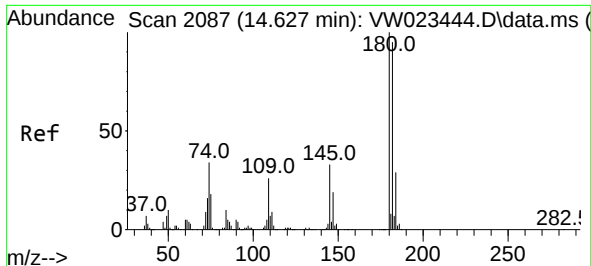
Ion Ratio Lower Upper

75 100

155 71.4 59.3 88.9

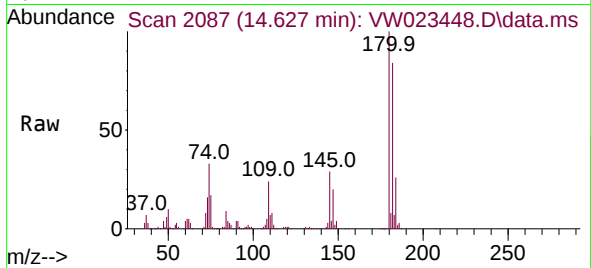
157 81.3 89.8 134.8#



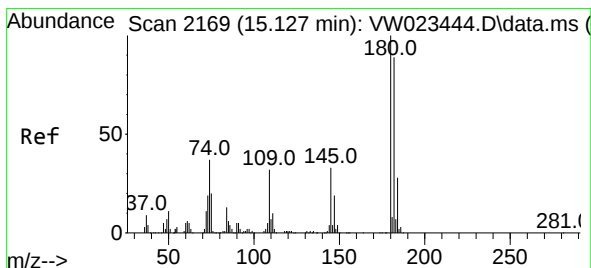
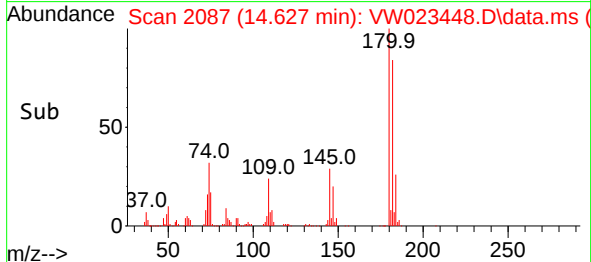
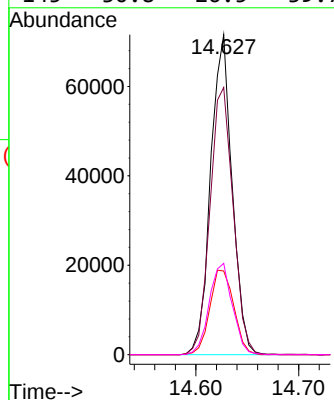


#69
1,3,5-Trichlorobenzene
Concen: 19.403 ug/L
RT: 14.627 min Scan# 2087
Delta R.T. -0.000 min
Lab File: VW023448.D
Acq: 10 Jun 2022 15:52

Instrument :
MSVOA_W
ClientSampleId :

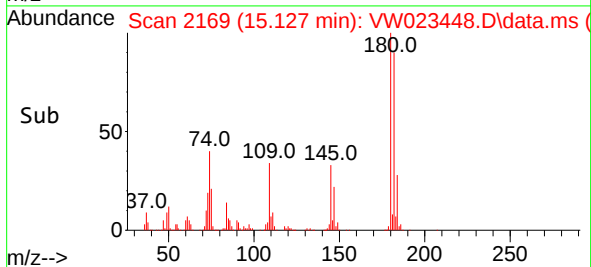
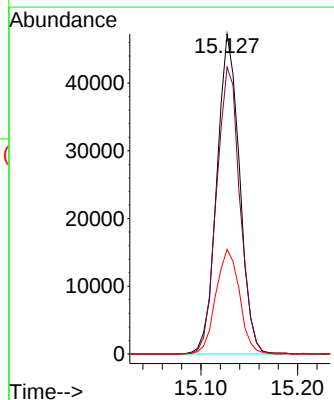
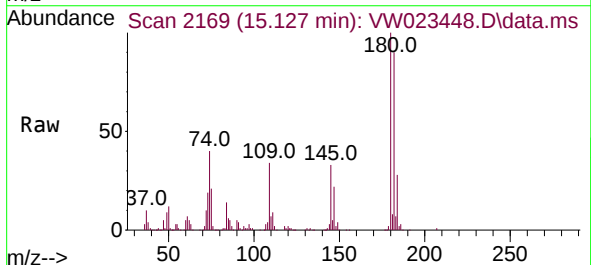


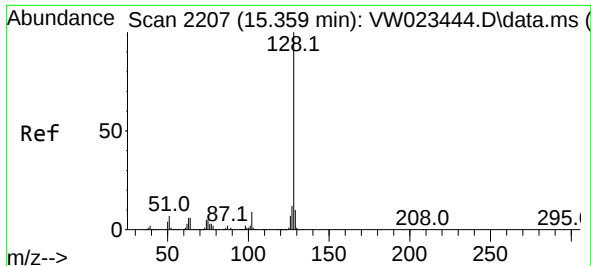
Tgt Ion:180 Resp: 103932
Ion Ratio Lower Upper
180 100
182 89.9 74.8 112.2
184 29.6 23.4 35.2
145 30.8 26.5 39.7



#70
1,2,4-trichlorobenzene
Concen: 18.388 ug/L
RT: 15.127 min Scan# 2169
Delta R.T. -0.000 min
Lab File: VW023448.D
Acq: 10 Jun 2022 15:52

Tgt Ion:180 Resp: 76694
Ion Ratio Lower Upper
180 100
182 92.3 74.9 112.3
145 34.1 26.6 39.8



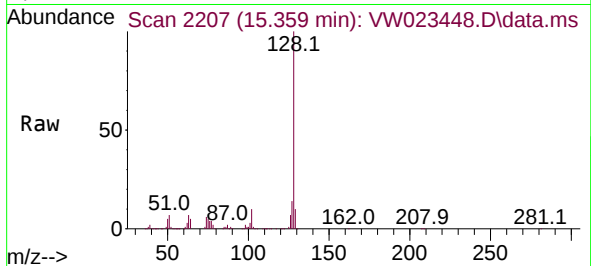


#71
Naphthalene
Concen: 25.317 ug/L
RT: 15.359 min Scan# 2111
Delta R.T. -0.000 min
Lab File: VW023448.D
Acq: 10 Jun 2022 15:52

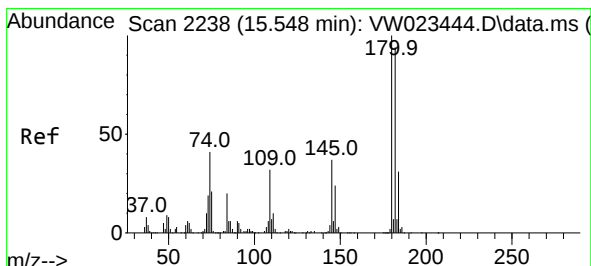
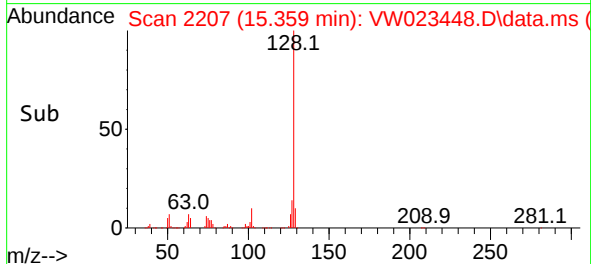
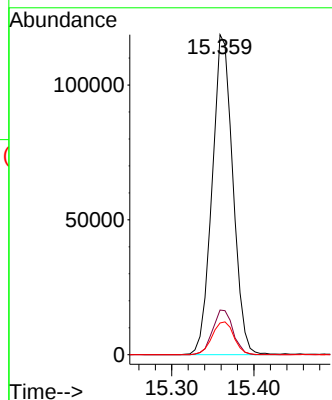
Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:128 Resp: 207729
Ion Ratio Lower Upper
128 100
127 13.7 10.6 16.0
129 10.8 8.7 13.1



#72
1,2,3-Trichlorobenzene
Concen: 18.489 ug/L
RT: 15.548 min Scan# 2238
Delta R.T. -0.000 min
Lab File: VW023448.D
Acq: 10 Jun 2022 15:52

Tgt Ion:180 Resp: 67042
Ion Ratio Lower Upper
180 100
182 94.4 73.5 110.3
145 36.2 27.9 41.9

