

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052422\
 Data File : VW023282.D
 Acq On : 24 May 2022 19:12
 Operator : SY/VA
 Sample : N2976-02MS
 Misc : 4.85g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EXY22MS

Quant Time: May 25 00:57:11 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050222SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed May 25 00:48:22 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	351876	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.627	117	328239	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	155088	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	149687	20.734	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.920%
7) Chloroethane-d5	2.885	69	116065	24.712	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.840%
11) 1,1-Dichloroethene-d2	4.025	63	189177	20.280	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	81.120%
21) 2-Butanone-d5	7.079	46	17417	12.689	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	25.380%
24) Chloroform-d	7.646	84	270473	26.236	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	104.960%
26) 1,2-Dichloroethane-d4	8.305	65	152401	26.954	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	107.800%
32) Benzene-d6	8.274	84	490088	25.904	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	103.600%
36) 1,2-Dichloropropane-d6	9.274	67	150152	28.253	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	113.000%
41) Toluene-d8	10.323	98	439290	24.036	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	96.160%
43) trans-1,3-Dichloroprop...	10.579	79	56526	23.100	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	92.400%
47) 2-Hexanone-d5	10.926	63	12797	12.614	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	25.220%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	146473	29.570	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	118.280%
66) 1,2-Dichlorobenzene-d4	13.853	152	140276	25.875	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	103.480%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.007	85	42070	21.932	ug/L	100
3) Chloromethane	2.215	50	107363	28.965	ug/L	97
5) Vinyl chloride	2.361	62	163733	22.010	ug/L	98
6) Bromomethane	2.775	94	68693	14.382	ug/L	88
8) Chloroethane	2.922	64	88689	24.718	ug/L	95
9) Trichlorofluoromethane	3.257	101	57331	16.862	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	103183	20.296	ug/L	98
12) 1,1-Dichloroethene	4.043	96	90680	20.121	ug/L	96
13) Acetone	4.117	43	33816	32.906	ug/L	94
14) Carbon disulfide	4.385	76	245044	19.833	ug/L	99
16) Methylene chloride	4.915	84	121382	23.575	ug/L	97
17) trans-1,2-Dichloroethene	5.421	96	111234	21.933	ug/L	98
18) Methyl tert-butyl Ether	5.427	73	193070	24.938	ug/L	99
19) 1,1-Dichloroethane	6.214	63	207638	24.156	ug/L	98
20) cis-1,2-Dichloroethene	7.171	96	126015	23.133	ug/L #	94
22) 2-Butanone	7.171	43	31594	21.983	ug/L	99
23) Bromochloromethane	7.512	128	62002	24.304	ug/L	87
25) Chloroform	7.677	83	232356	24.447	ug/L	99
27) 1,2-Dichloroethane	8.396	62	156180	24.651	ug/L	99

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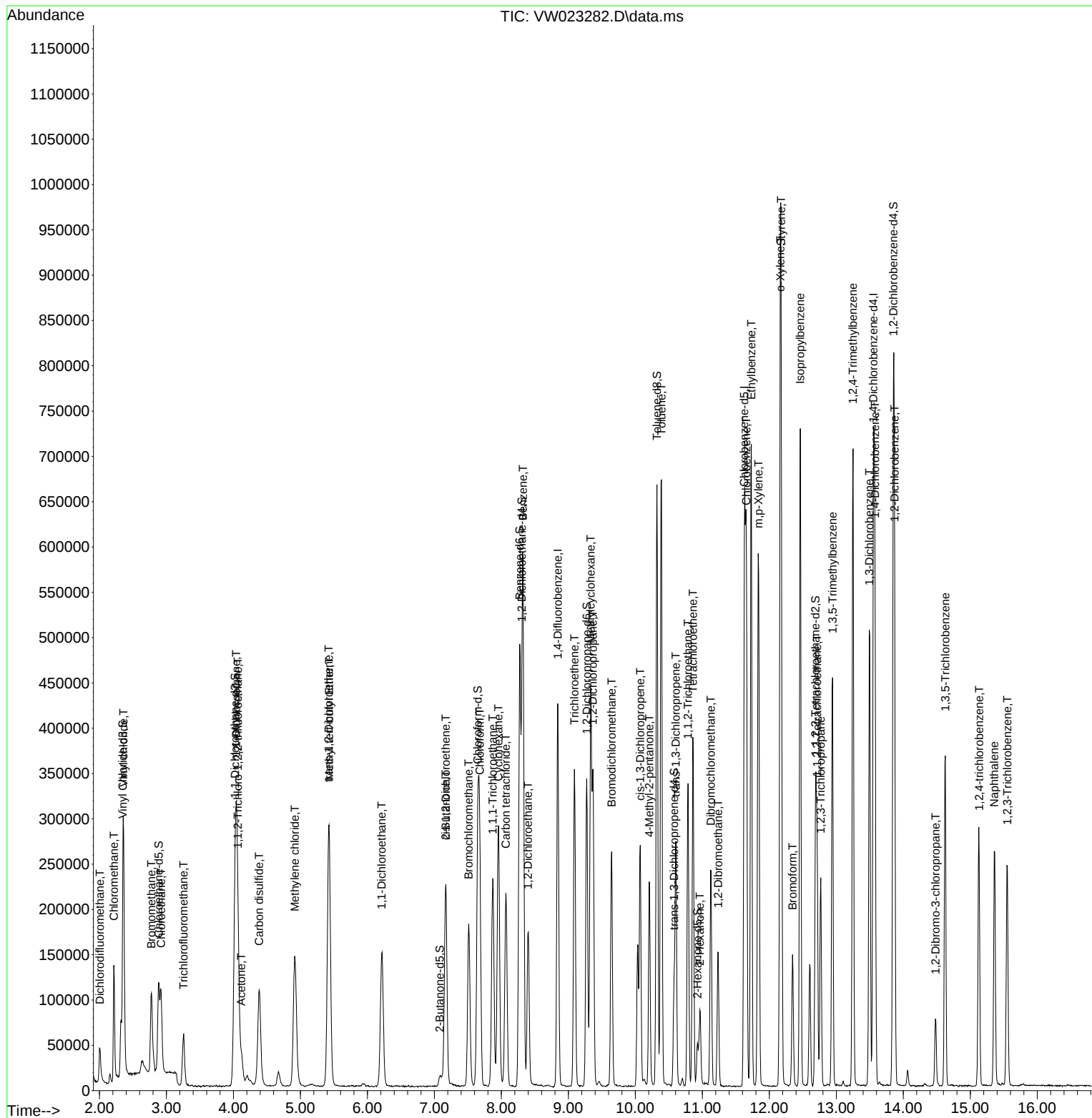
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) Cyclohexane	7.957	56	149671	21.084	ug/L	99
30) 1,1,1-Trichloroethane	7.872	97	183185	23.616	ug/L	98
31) Carbon tetrachloride	8.067	117	156233	21.531	ug/L	99
33) Benzene	8.323	78	481814	24.917	ug/L	100
34) Trichloroethene	9.091	95	119630	22.496	ug/L	99
35) Methylcyclohexane	9.335	83	175044	20.037	ug/L	98
37) 1,2-Dichloropropane	9.366	63	118651	25.356	ug/L	98
38) Bromodichloromethane	9.646	83	168276	25.318	ug/L	98
39) cis-1,3-Dichloropropene	10.073	75	152467	21.013	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	137609	46.656	ug/L	100
42) Toluene	10.390	91	507268	23.408	ug/L	95
44) trans-1,3-Dichloropropene	10.603	75	145931	22.533	ug/L	100
45) 1,1,2-Trichloroethane	10.786	97	102253	26.139	ug/L	98
46) Tetrachloroethene	10.859	164	76967	19.259	ug/L	90
48) 2-Hexanone	10.963	43	59949	30.421	ug/L #	82
49) Dibromochloromethane	11.128	129	117543	24.966	ug/L	96
50) 1,2-Dibromoethane	11.237	107	97112	24.723	ug/L	100
51) Chlorobenzene	11.658	112	316678	22.166	ug/L	97
52) Ethylbenzene	11.731	91	494587	20.515	ug/L	99
53) m,p-Xylene	11.841	106	192521	20.267	ug/L	98
54) o-Xylene	12.164	106	197477	21.663	ug/L	99
55) Styrene	12.176	104	260227	16.800	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.713	83	120039	24.568	ug/L	95
59) Bromoform	12.347	173	59401	27.027	ug/L	97
60) Isopropylbenzene	12.463	105	458273	21.569	ug/L	100
61) 1,2,3-Trichloropropane	12.767	75	89834	28.990	ug/L	98
62) 1,3,5-Trimethylbenzene	12.944	105	244950	20.723	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	375332	21.147	ug/L	97
64) 1,3-Dichlorobenzene	13.493	146	206782	21.799	ug/L	92
65) 1,4-Dichlorobenzene	13.578	146	209202	21.351	ug/L	99
67) 1,2-Dichlorobenzene	13.871	146	200162	23.059	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.481	75	18058	26.664	ug/L	85
69) 1,3,5-Trichlorobenzene	14.627	180	103563	16.447	ug/L	98
70) 1,2,4-trichlorobenzene	15.133	180	83281	16.442	ug/L	99
71) Naphthalene	15.358	128	221905	20.157	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	75893	16.906	ug/L	99

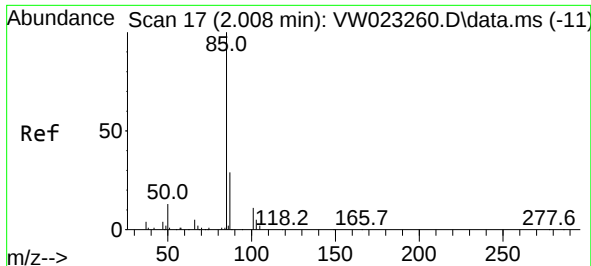
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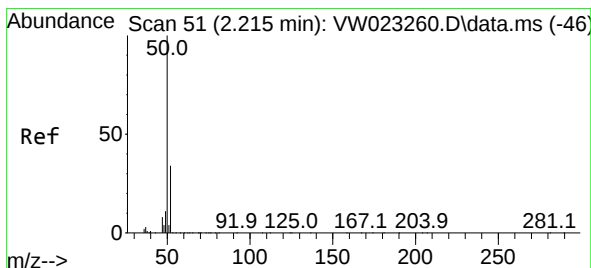
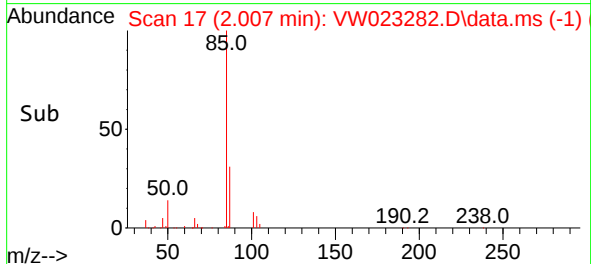
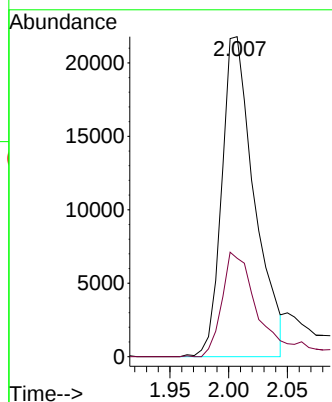
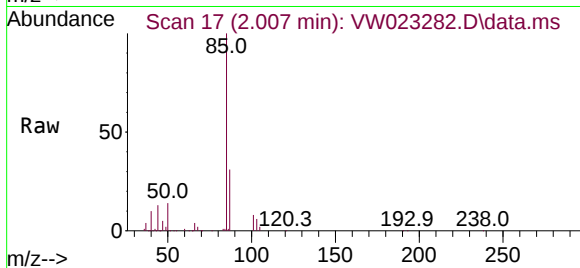




#2
 Dichlorodifluoromethane
 Concen: 21.932 ug/L
 RT: 2.007 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VW023282.D
 Acq: 24 May 2022 19:12

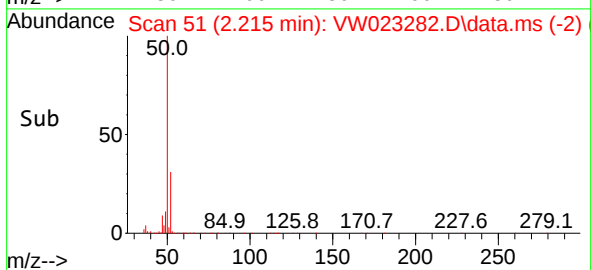
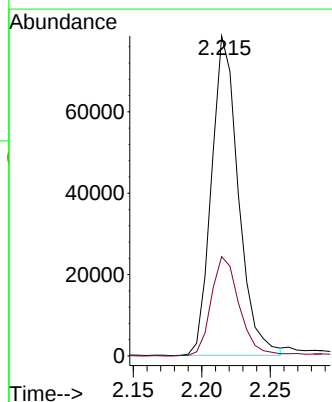
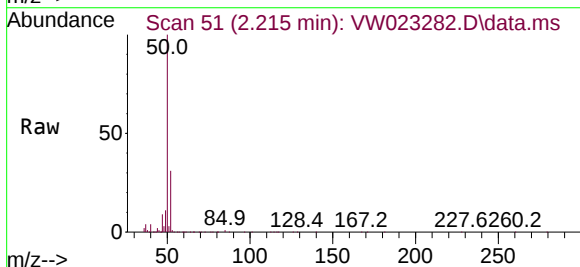
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 ClientSampleId :
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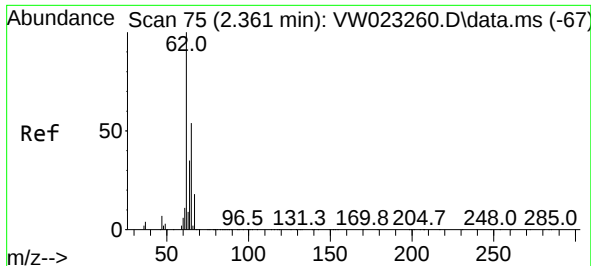
Tgt Ion: 85 Resp: 42070
 Ion Ratio Lower Upper
 85 100
 87 34.7 27.8 41.8



#3
 Chloromethane
 Concen: 28.965 ug/L
 RT: 2.215 min Scan# 51
 Delta R.T. -0.000 min
 Lab File: VW023282.D
 Acq: 24 May 2022 19:12

Tgt Ion: 50 Resp: 107363
 Ion Ratio Lower Upper
 50 100
 52 31.0 23.1 42.9

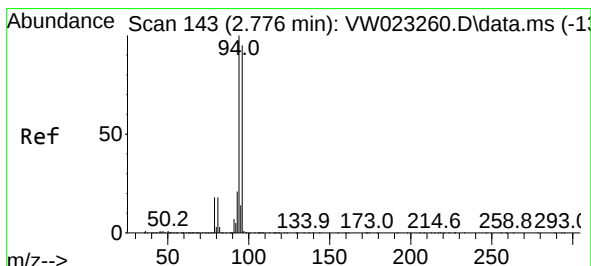
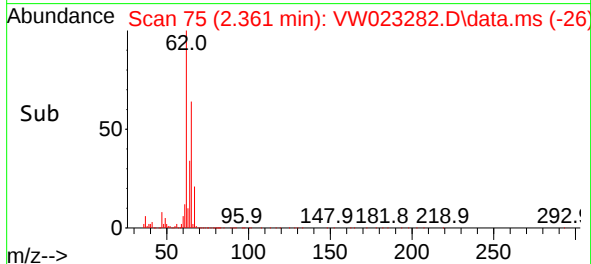
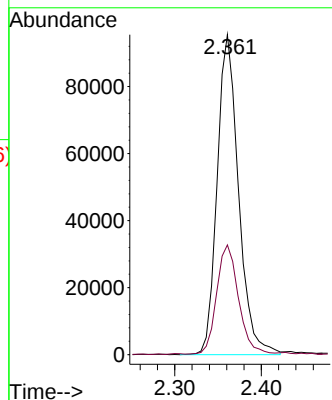
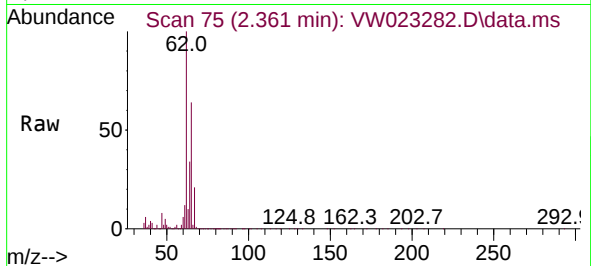




#5
 Vinyl chloride
 Concen: 22.010 ug/L
 RT: 2.361 min Scan# 75
 Delta R.T. -0.000 min
 Lab File: VW023282.D
 Acq: 24 May 2022 19:12

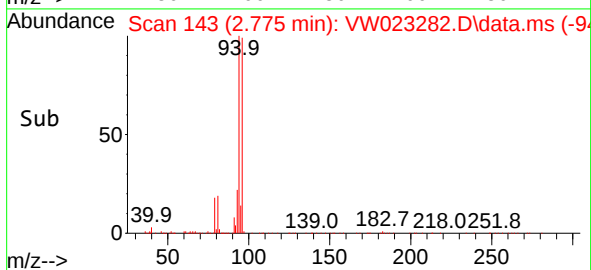
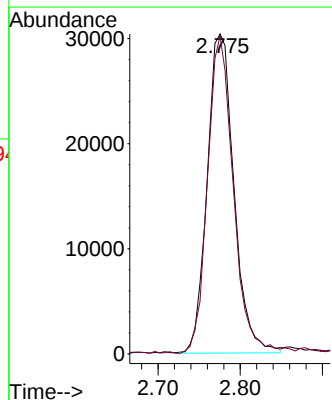
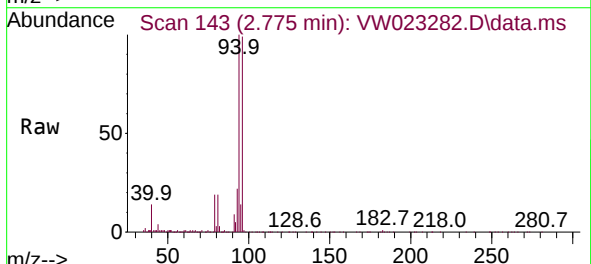
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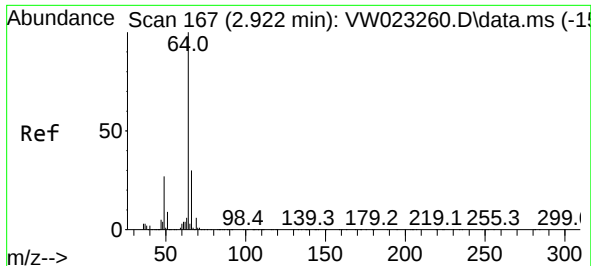
Tgt Ion: 62 Resp: 163733
 Ion Ratio Lower Upper
 62 100
 64 34.3 24.9 46.3



#6
 Bromomethane
 Concen: 14.382 ug/L
 RT: 2.775 min Scan# 143
 Delta R.T. -0.000 min
 Lab File: VW023282.D
 Acq: 24 May 2022 19:12

Tgt Ion: 94 Resp: 68693
 Ion Ratio Lower Upper
 94 100
 96 99.3 61.7 114.5

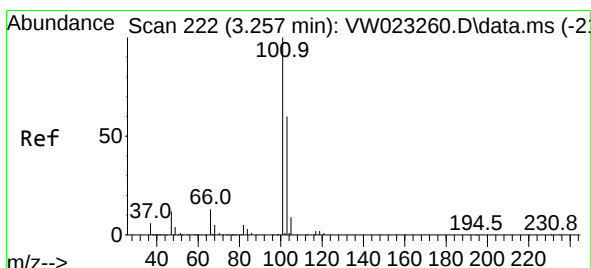
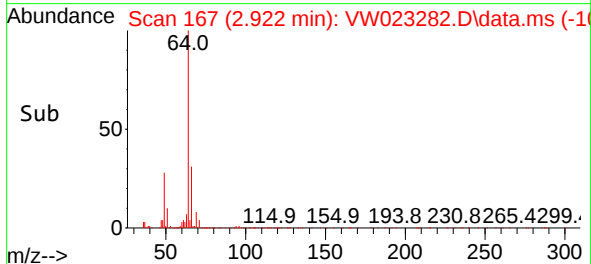
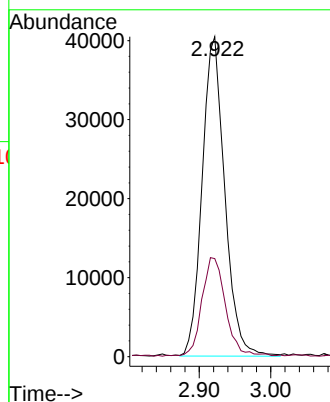
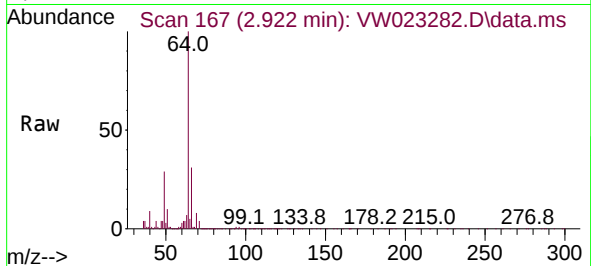




#8
Chloroethane
Concen: 24.718 ug/L
RT: 2.922 min Scan# 167
Delta R.T. -0.000 min
Lab File: VW023282.D
Acq: 24 May 2022 19:12

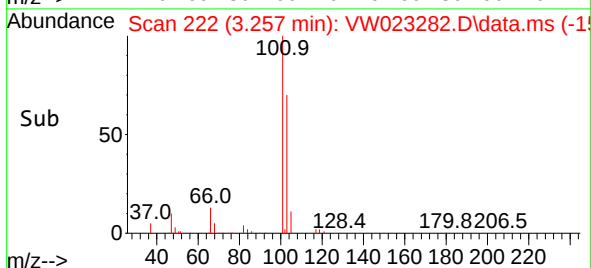
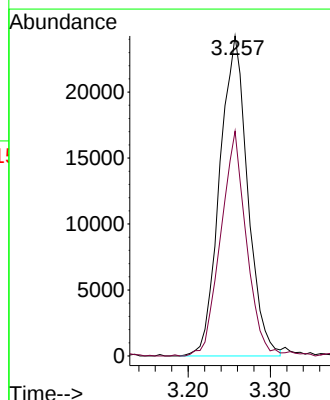
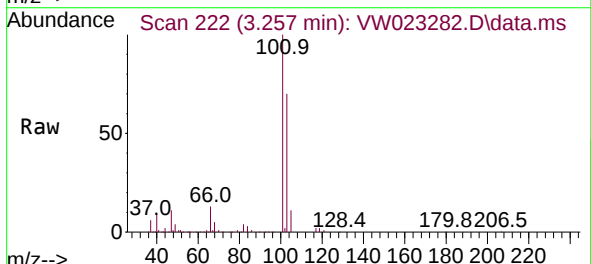
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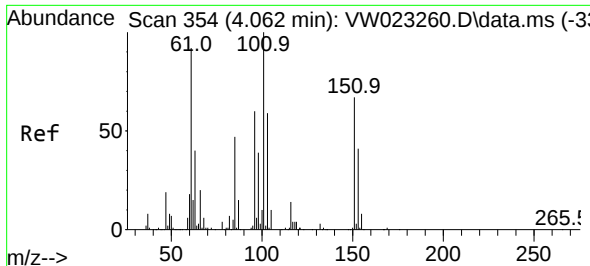
Tgt Ion: 64 Resp: 88689
Ion Ratio Lower Upper
64 100
66 30.6 23.4 43.6



#9
Trichlorofluoromethane
Concen: 16.862 ug/L
RT: 3.257 min Scan# 222
Delta R.T. -0.000 min
Lab File: VW023282.D
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Tgt Ion: 101 Resp: 57331
Ion Ratio Lower Upper
101 100
103 64.3 53.9 80.9

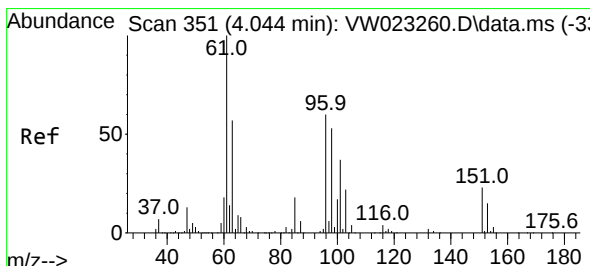
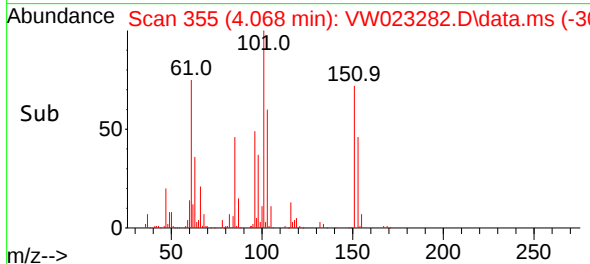
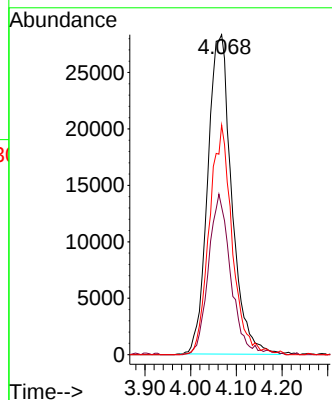
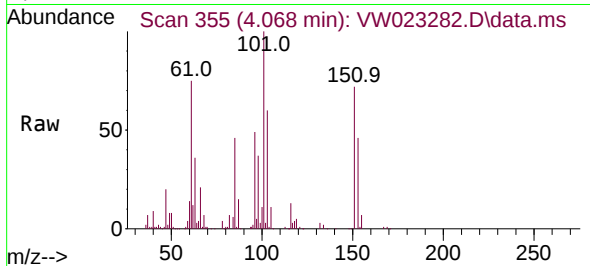




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 20.296 ug/L
 RT: 4.068 min Scan# 354
 Delta R.T. 0.006 min
 Lab File: VW023282.D
 Acq: 24 May 2022 19:12

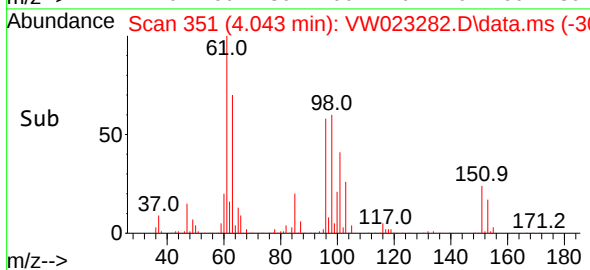
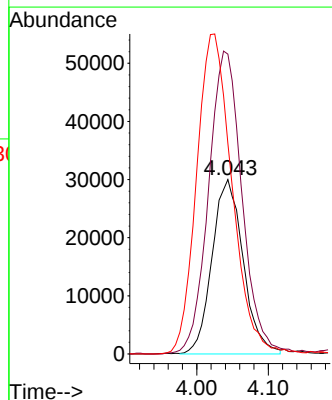
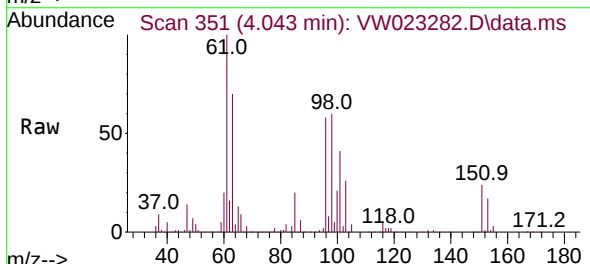
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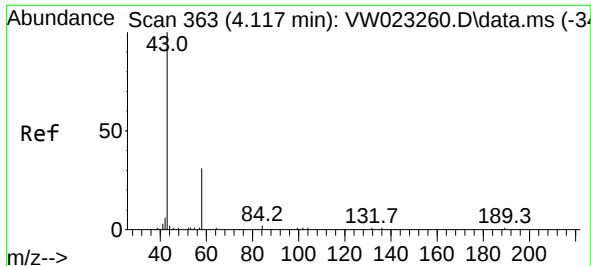
Tgt Ion:101 Resp: 103183
 Ion Ratio Lower Upper
 101 100
 85 45.7 34.3 51.5
 151 67.2 54.2 81.2



#12
 1,1-Dichloroethene
 Concen: 20.121 ug/L
 RT: 4.043 min Scan# 351
 Delta R.T. -0.000 min
 Lab File: VW023282.D
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Tgt Ion: 96 Resp: 90680
 Ion Ratio Lower Upper
 96 100
 61 171.8 125.7 233.5
 63 120.7 83.4 155.0

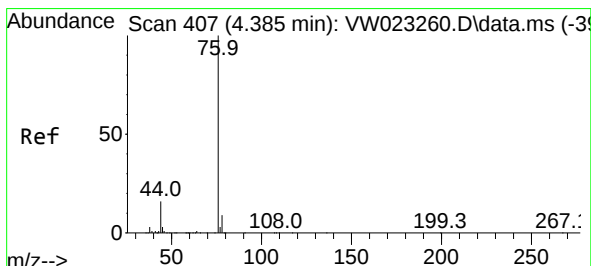
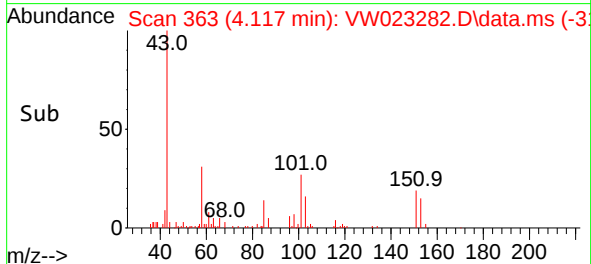
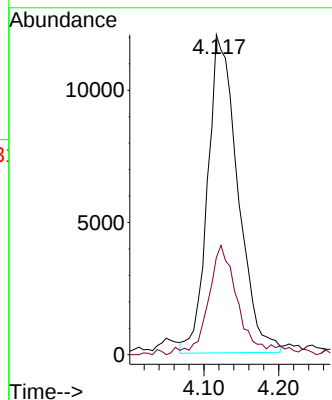
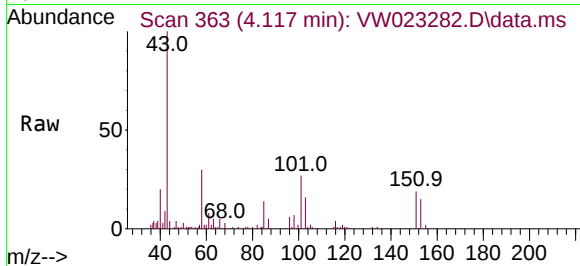




#13
Acetone
Concen: 32.906 ug/L
RT: 4.117 min Scan# 363
Delta R.T. -0.000 min
Lab File: VW023282.D
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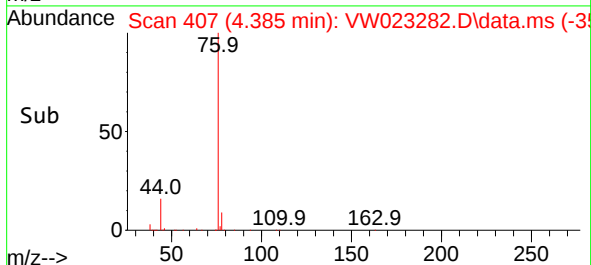
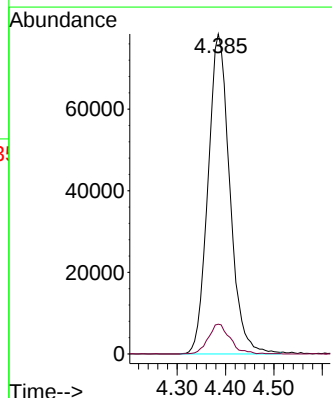
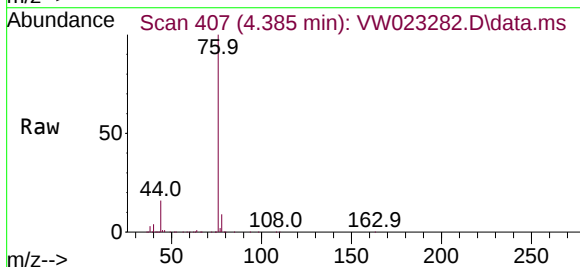
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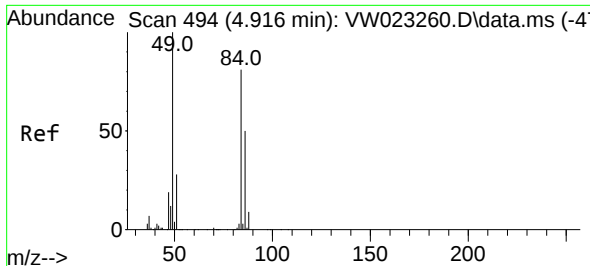
Tgt Ion: 43 Resp: 33816
Ion Ratio Lower Upper
43 100
58 28.7 0.0 64.0



#14
Carbon disulfide
Concen: 19.833 ug/L
RT: 4.385 min Scan# 407
Delta R.T. -0.000 min
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Tgt Ion: 76 Resp: 245044
Ion Ratio Lower Upper
76 100
78 9.3 7.7 11.5

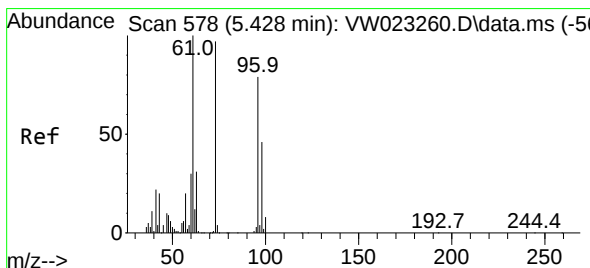
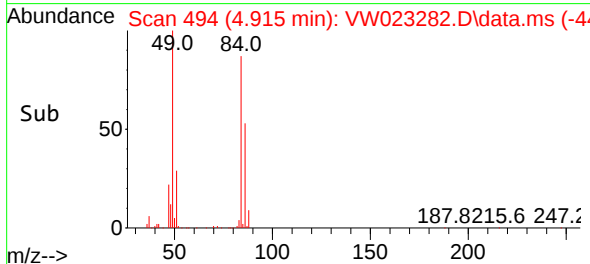
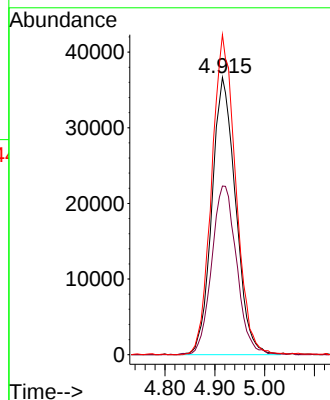
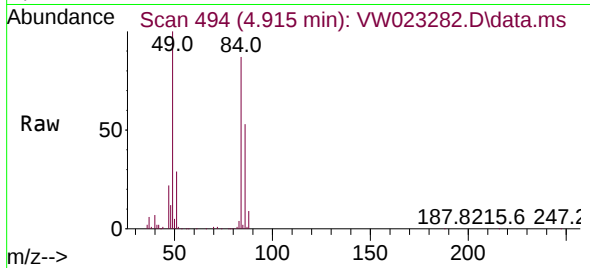




#16
Methylene chloride
Concen: 23.575 ug/L
RT: 4.915 min Scan# 494
Delta R.T. -0.000 min
Lab File: VW023282.D
Acq: 24 May 2022 19:12

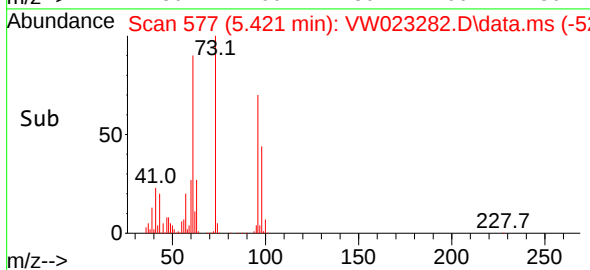
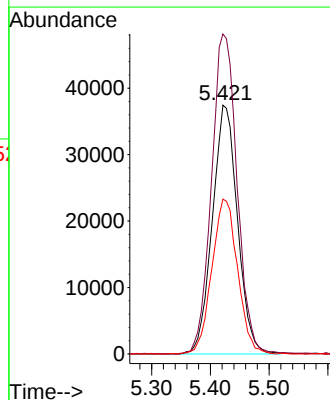
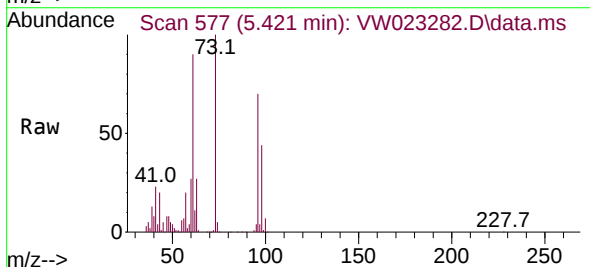
Instrument :
MSVOA_W
ClientSampleId :
EXY22MS

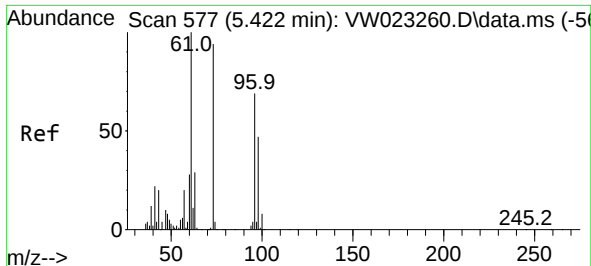
Tgt Ion: 84 Resp: 121382
Ion Ratio Lower Upper
84 100
86 60.8 45.4 84.4
49 115.4 82.5 153.1



#17
trans-1,2-Dichloroethene
Concen: 21.933 ug/L
RT: 5.421 min Scan# 577
Delta R.T. -0.007 min
Lab File: VW023282.D
Acq: 24 May 2022 19:12

Tgt Ion: 96 Resp: 111234
Ion Ratio Lower Upper
96 100
61 128.6 92.2 171.2
98 62.2 42.9 79.7

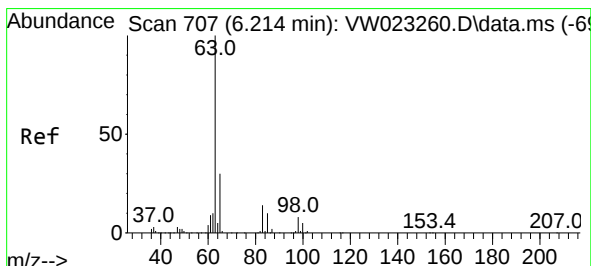
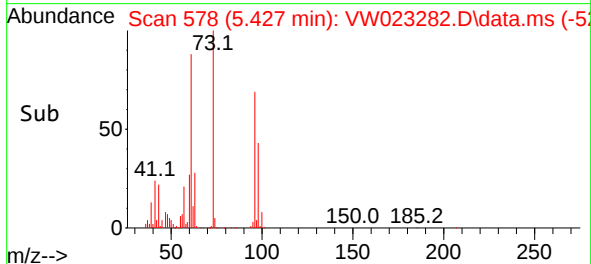
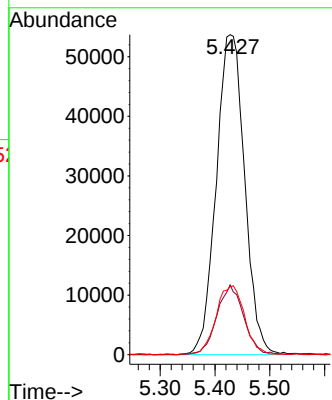
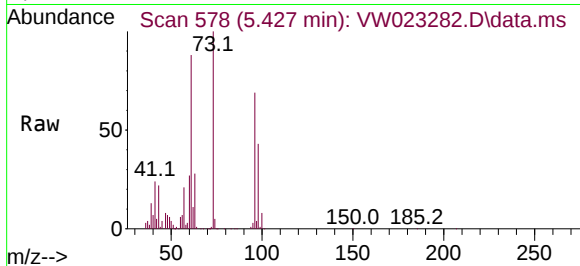




#18
Methyl tert-butyl Ether
Concen: 24.938 ug/L
RT: 5.427 min Scan# 518
Delta R.T. 0.006 min
Lab File: VW023282.D
Acq: 24 May 2022 19:12

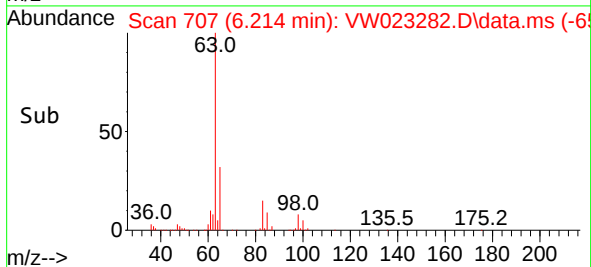
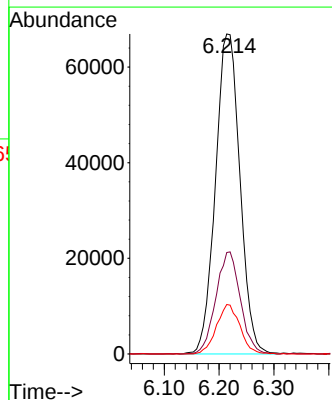
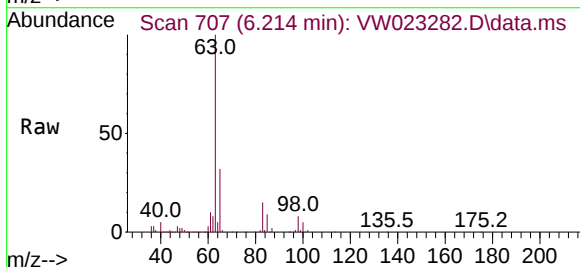
Instrument :
MSVOA_W
ClientSampleId :
EXY22MS

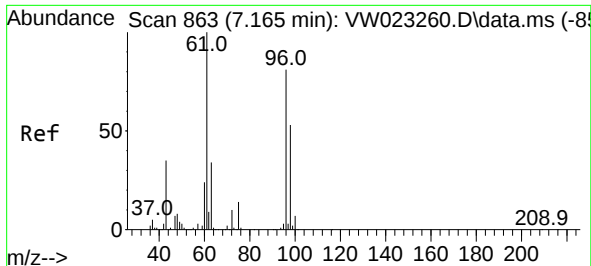
Tgt Ion: 73 Resp: 193070
Ion Ratio Lower Upper
73 100
43 20.1 15.9 23.9
57 21.6 16.5 24.7



#19
1,1-Dichloroethane
Concen: 24.156 ug/L
RT: 6.214 min Scan# 707
Delta R.T. -0.000 min
Lab File: VW023282.D
Acq: 24 May 2022 19:12

Tgt Ion: 63 Resp: 207638
Ion Ratio Lower Upper
63 100
65 31.7 23.3 43.3
83 15.5 11.1 20.5

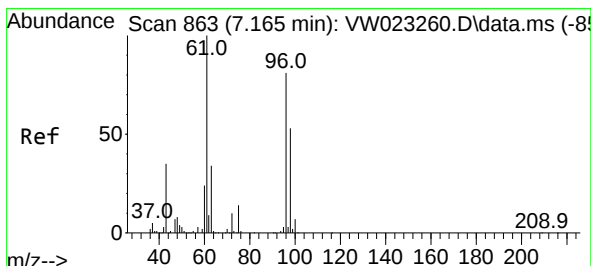
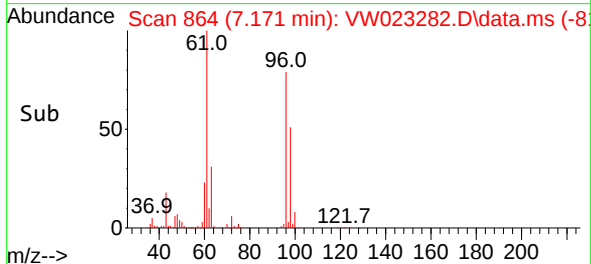
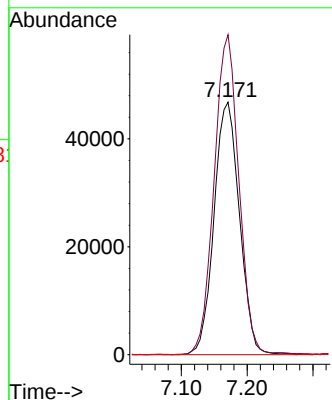
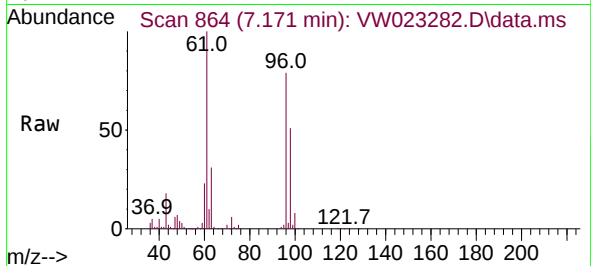




#20
cis-1,2-Dichloroethene
Concen: 23.133 ug/L
RT: 7.171 min Scan# 864
Delta R.T. 0.006 min
Lab File: VW023282.D
Acq: 24 May 2022 19:12

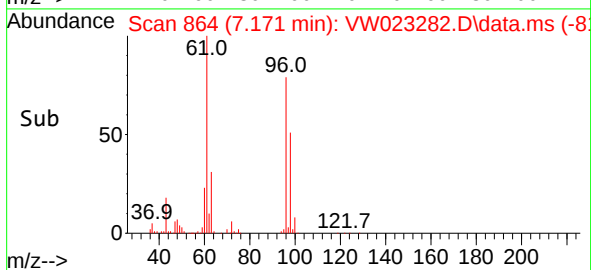
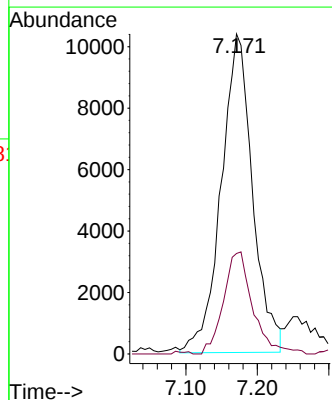
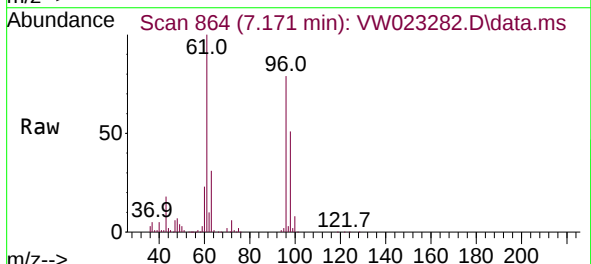
Instrument :
MSVOA_W
ClientSampleId :
EXY22MS

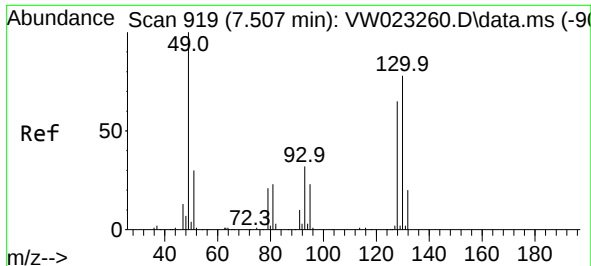
Tgt Ion: 96 Resp: 126015
Ion Ratio Lower Upper
96 100
61 126.8 84.2 156.4
68 0.0 0.1 0.1#



#22
2-Butanone
Concen: 21.983 ug/L
RT: 7.171 min Scan# 864
Delta R.T. 0.006 min
Lab File: VW023282.D
Acq: 24 May 2022 19:12

Tgt Ion: 43 Resp: 31594
Ion Ratio Lower Upper
43 100
72 29.7 15.1 45.3

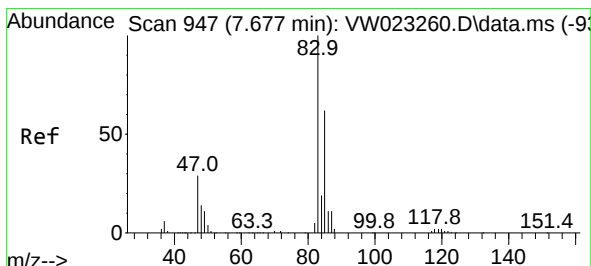
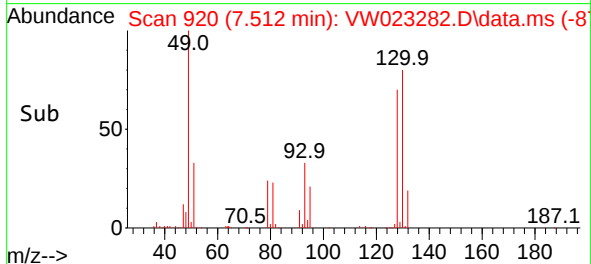
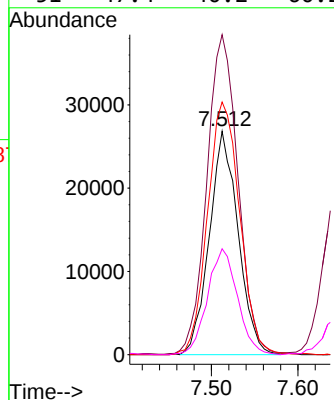
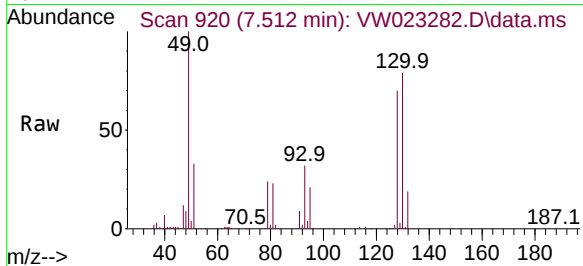




#23
Bromochloromethane
Concen: 24.304 ug/L
RT: 7.512 min Scan# 919
Delta R.T. 0.006 min
Lab File: VW023282.D
Acq: 24 May 2022 19:12

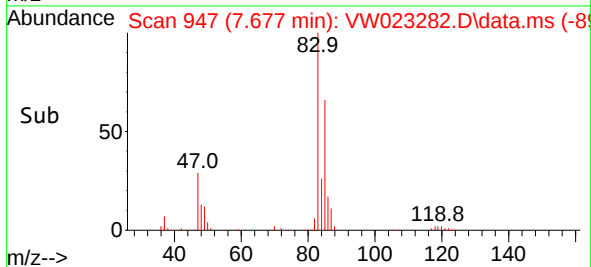
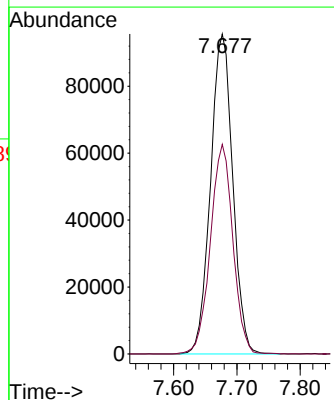
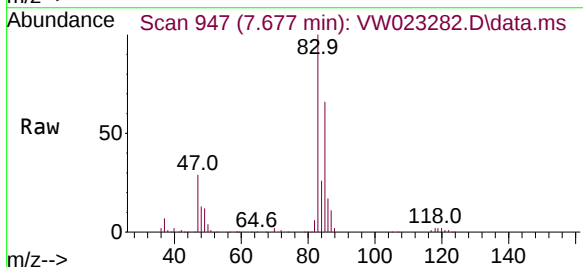
Instrument :
MSVOA_W
ClientSampleId :
EXY22MS

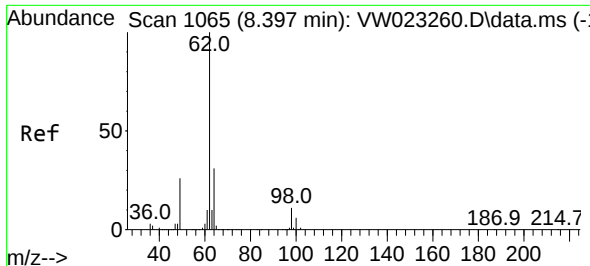
Tgt Ion:128 Resp: 62002
Ion Ratio Lower Upper
128 100
49 143.2 110.0 204.4
130 113.1 94.8 176.0
51 47.4 40.2 60.2



#25
Chloroform
Concen: 24.447 ug/L
RT: 7.677 min Scan# 947
Delta R.T. -0.000 min
Lab File: VW023282.D
Acq: 24 May 2022 19:12

Tgt Ion: 83 Resp: 232356
Ion Ratio Lower Upper
83 100
85 65.5 46.6 86.6





#27

1,2-Dichloroethane

Concen: 24.651 ug/L

RT: 8.396 min Scan# 1065

Delta R.T. -0.000 min

Lab File: VW023282.D

Acq: 24 May 2022 19:12

Instrument :

MSVOA_W

ClientSampleId :

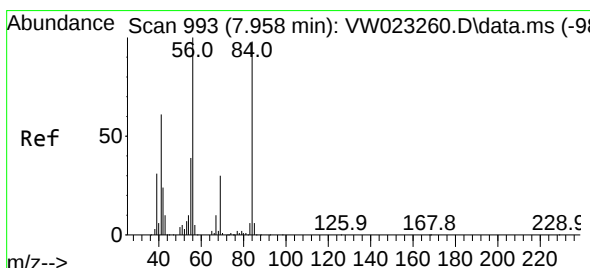
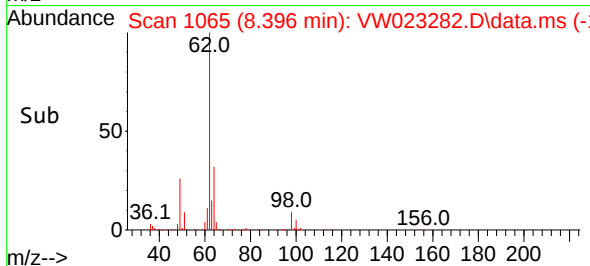
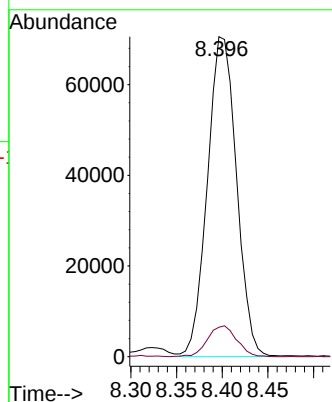
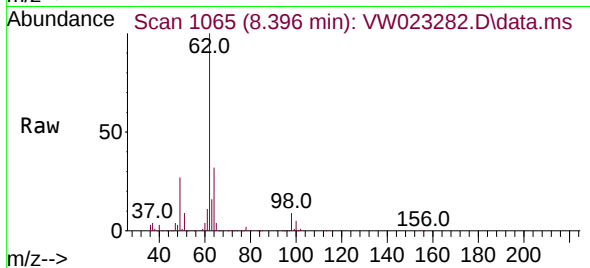
EXY22MS

Tgt Ion: 62 Resp: 156180

Ion Ratio Lower Upper

62 100

98 9.2 7.2 10.8



#29

Cyclohexane

Concen: 21.084 ug/L

RT: 7.957 min Scan# 993

Delta R.T. -0.000 min

Lab File: VW023282.D

Acq: 24 May 2022 19:12

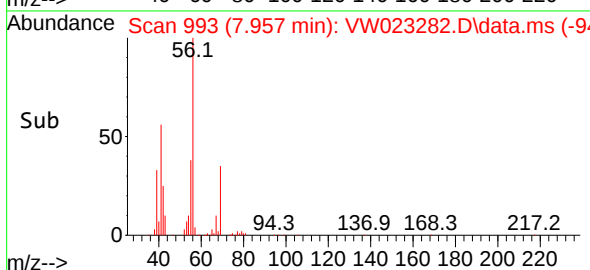
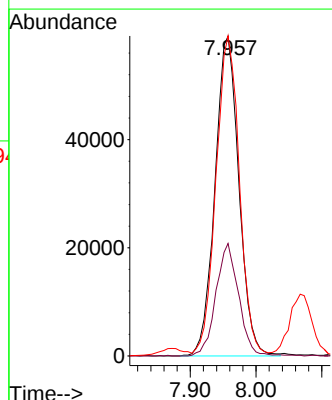
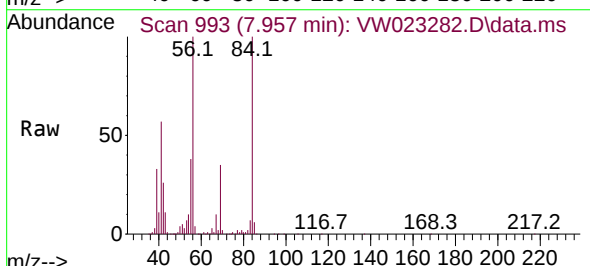
Tgt Ion: 56 Resp: 149671

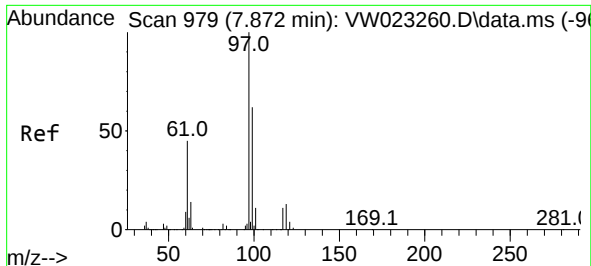
Ion Ratio Lower Upper

56 100

69 33.2 25.6 38.4

84 98.1 78.2 117.4

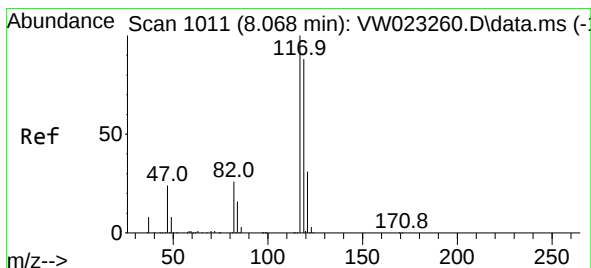
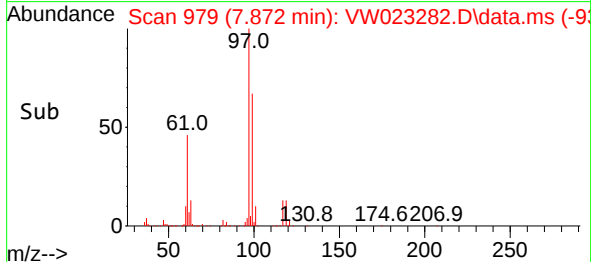
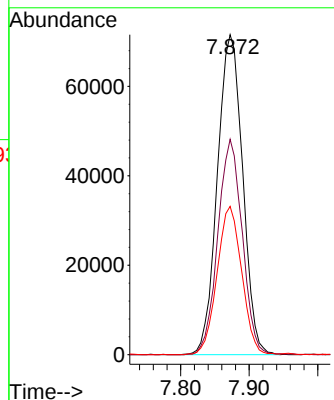
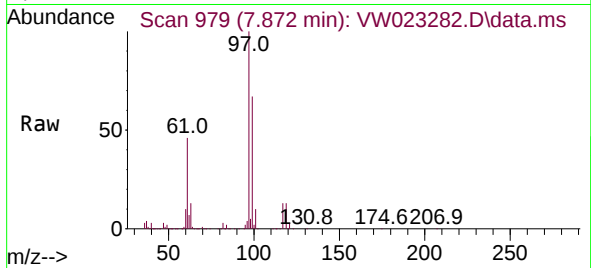




#30
1,1,1-Trichloroethane
Concen: 23.616 ug/L
RT: 7.872 min Scan# 91
Delta R.T. -0.000 min
Lab File: VW023282.D
Acq: 24 May 2022 19:12

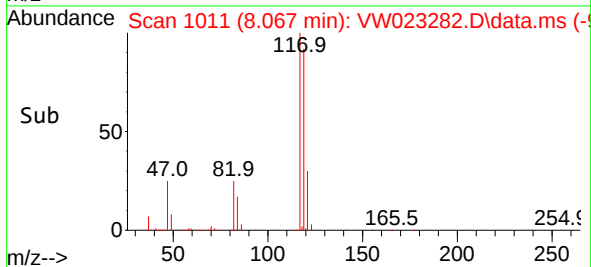
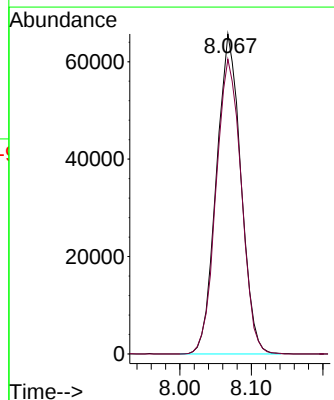
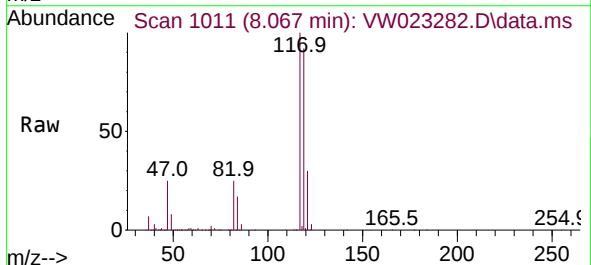
Instrument :
MSVOA_W
ClientSampleId :
EXY22MS

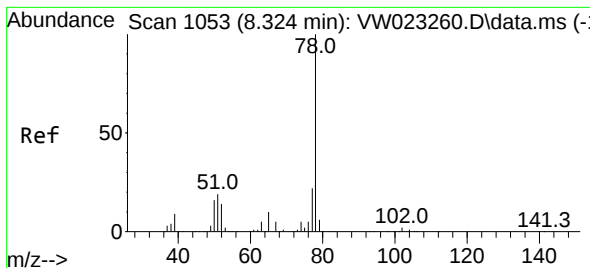
Tgt Ion: 97 Resp: 183185
Ion Ratio Lower Upper
97 100
99 65.0 51.0 76.4
61 45.2 34.8 52.2



#31
Carbon tetrachloride
Concen: 21.531 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. -0.000 min
Lab File: VW023282.D
Acq: 24 May 2022 19:12

Tgt Ion: 117 Resp: 156233
Ion Ratio Lower Upper
117 100
119 95.0 76.6 115.0





#33

Benzene

Concen: 24.917 ug/L

RT: 8.323 min Scan# 1053

Delta R.T. -0.000 min

Lab File: VW023282.D

Acq: 24 May 2022 19:12

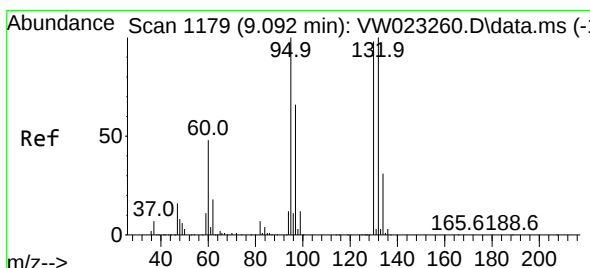
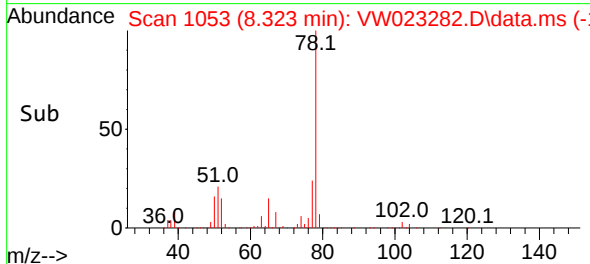
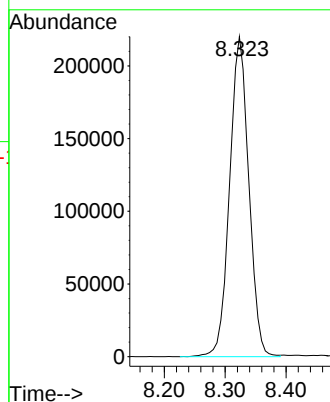
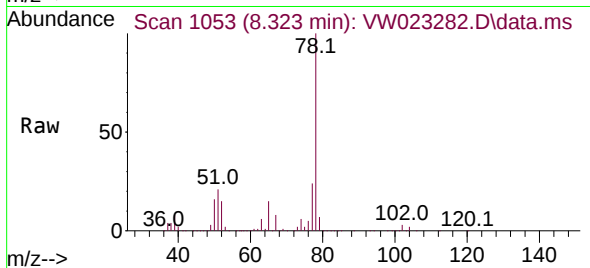
Instrument :

MSVOA_W

ClientSampleId :

EXY22MS

Tgt Ion: 78 Resp: 481814



#34

Trichloroethene

Concen: 22.496 ug/L

RT: 9.091 min Scan# 1179

Delta R.T. -0.000 min

Lab File: VW023282.D

Acq: 24 May 2022 19:12

Tgt Ion: 95 Resp: 119630

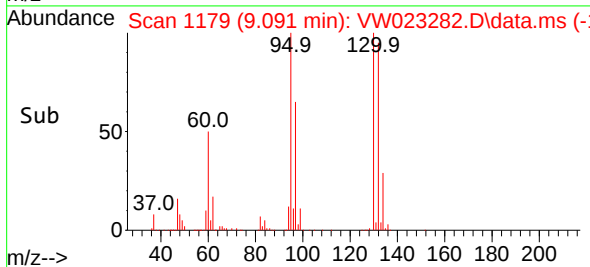
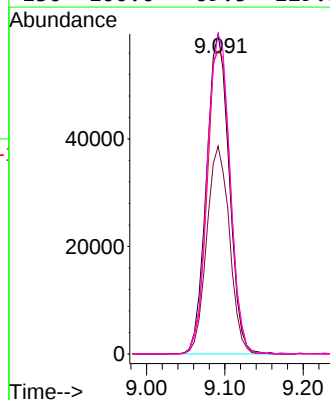
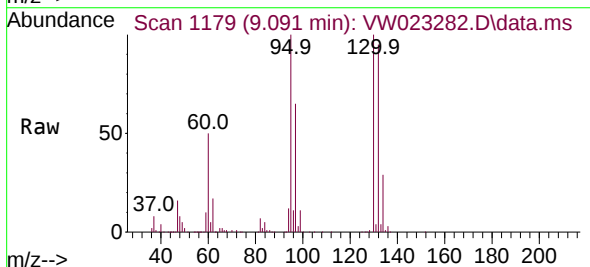
Ion Ratio Lower Upper

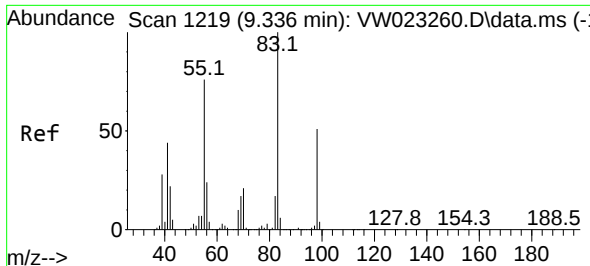
95 100

97 64.9 46.1 85.7

132 94.8 66.9 124.3

130 100.0 69.5 129.1

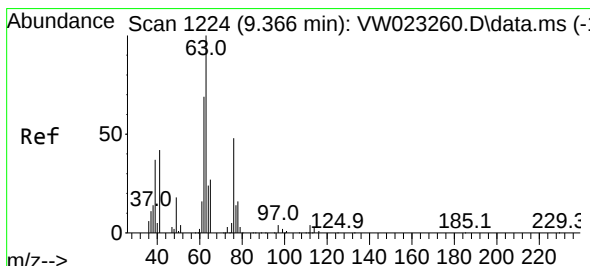
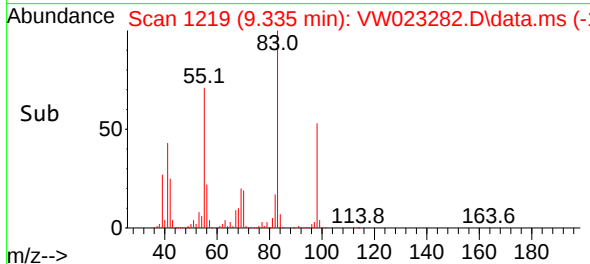
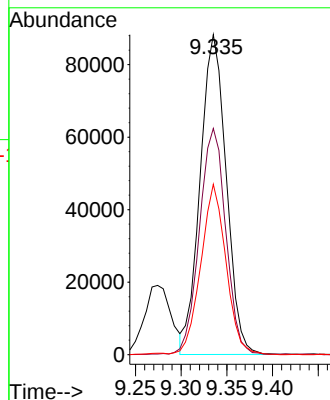
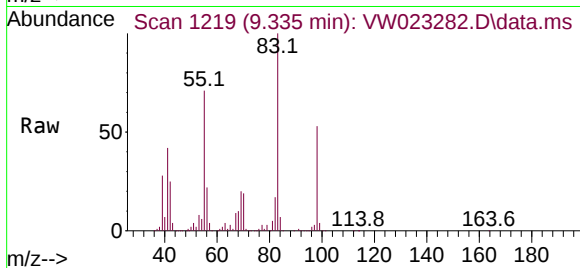




#35
Methylcyclohexane
Concen: 20.037 ug/L
RT: 9.335 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW023282.D
Acq: 24 May 2022 19:12

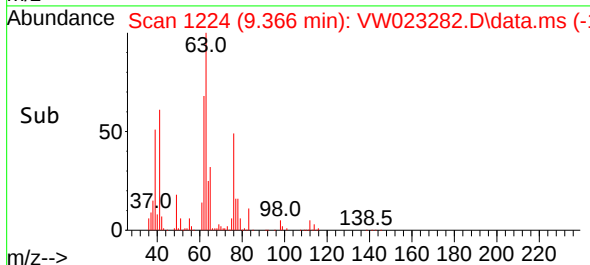
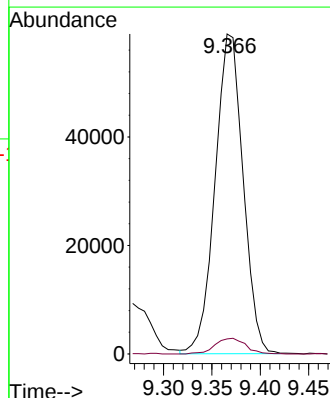
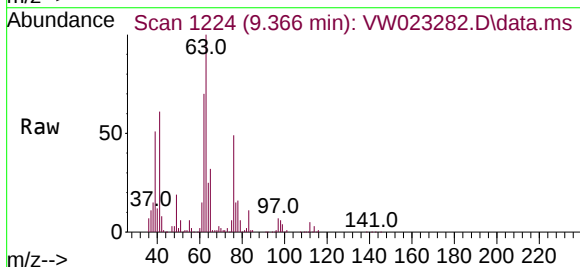
Instrument :
MSVOA_W
ClientSampleId :
EXY22MS

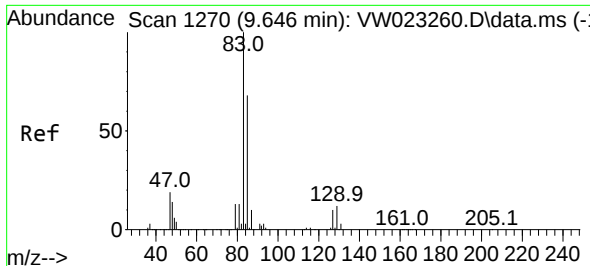
Tgt Ion: 83 Resp: 175044
Ion Ratio Lower Upper
83 100
55 71.4 55.1 82.7
98 51.6 40.4 60.6



#37
1,2-Dichloropropane
Concen: 25.356 ug/L
RT: 9.366 min Scan# 1224
Delta R.T. -0.000 min
Lab File: VW023282.D
Acq: 24 May 2022 19:12

Tgt Ion: 63 Resp: 118651
Ion Ratio Lower Upper
63 100
112 5.4 3.8 5.8

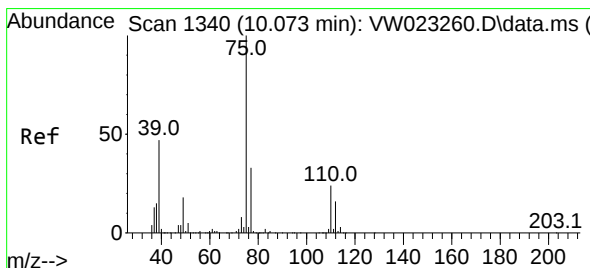
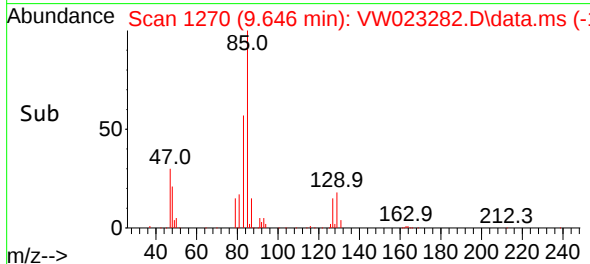
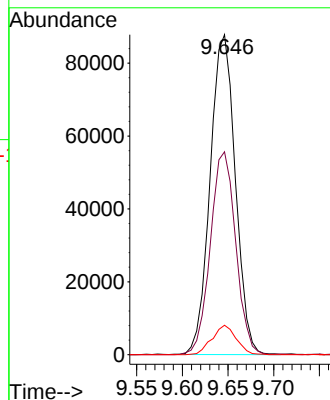
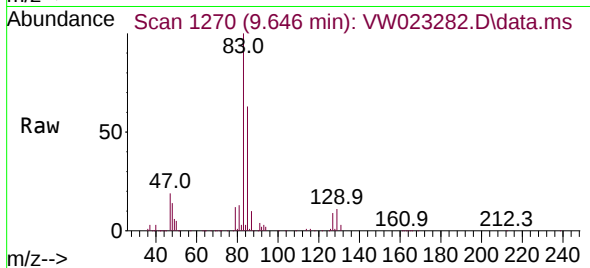




#38
Bromodichloromethane
Concen: 25.318 ug/L
RT: 9.646 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW023282.D
Acq: 24 May 2022 19:12

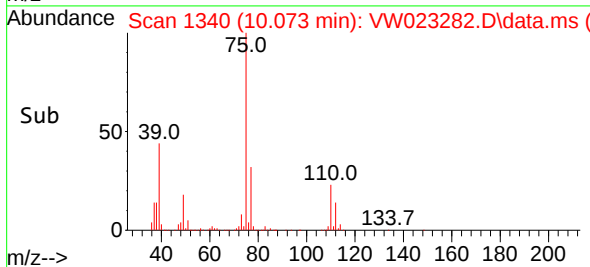
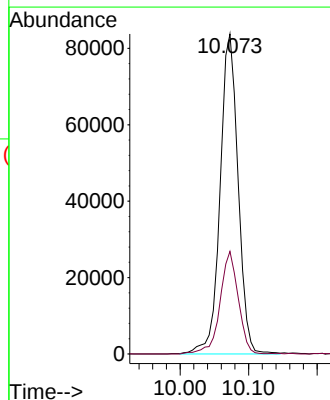
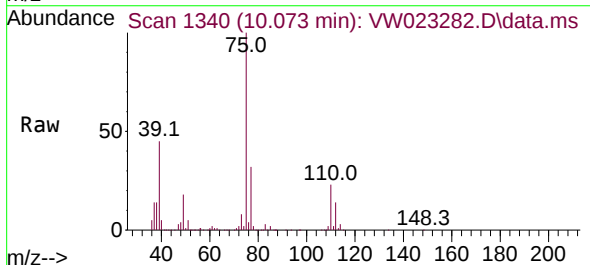
Instrument :
MSVOA_W
ClientSampleId :
EXY22MS

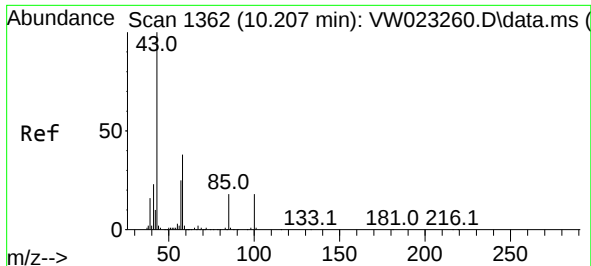
Tgt Ion: 83 Resp: 168276
Ion Ratio Lower Upper
83 100
85 63.4 43.5 80.7
127 9.2 7.1 10.7



#39
cis-1,3-Dichloropropene
Concen: 21.013 ug/L
RT: 10.073 min Scan# 1340
Delta R.T. -0.000 min
Lab File: VW023282.D
Acq: 24 May 2022 19:12

Tgt Ion: 75 Resp: 152467
Ion Ratio Lower Upper
75 100
77 32.0 22.1 41.1





#40

4-Methyl-2-pentanone

Concen: 46.656 ug/L

RT: 10.207 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW023282.D

Acq: 24 May 2022 19:12

Instrument :

MSVOA_W

ClientSampleId :

EXY22MS

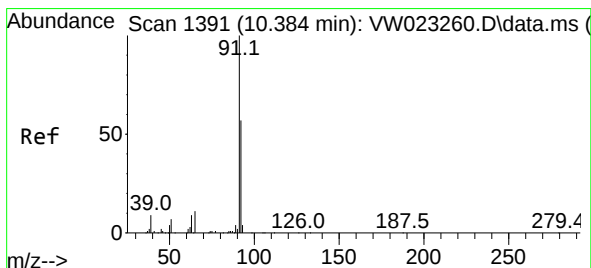
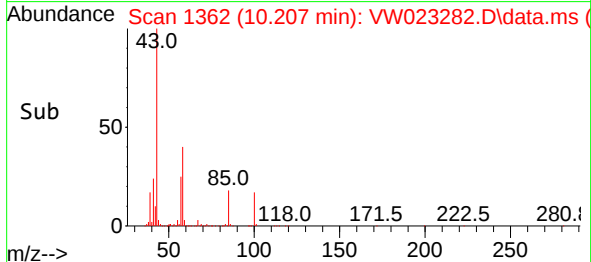
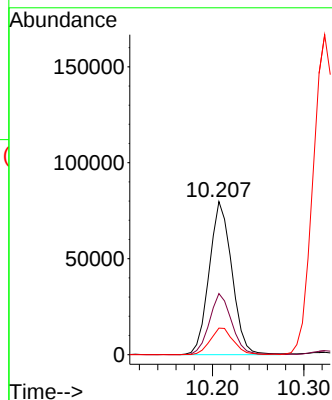
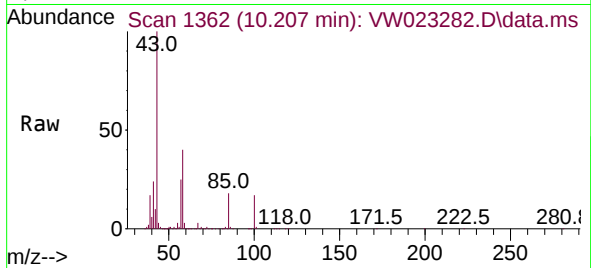
Tgt Ion: 43 Resp: 137609

Ion Ratio Lower Upper

43 100

58 39.1 31.4 47.2

100 17.8 14.2 21.4



#42

Toluene

Concen: 23.408 ug/L

RT: 10.390 min Scan# 1392

Delta R.T. 0.006 min

Lab File: VW023282.D

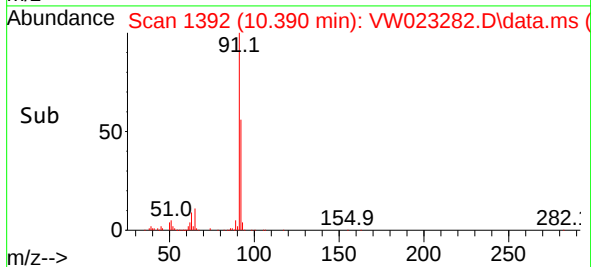
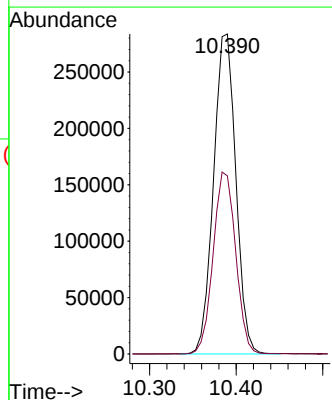
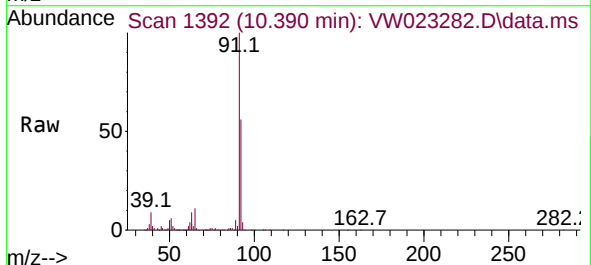
Acq: 24 May 2022 19:12

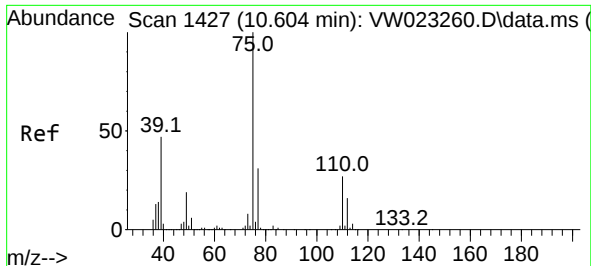
Tgt Ion: 91 Resp: 507268

Ion Ratio Lower Upper

91 100

92 55.7 41.6 77.2

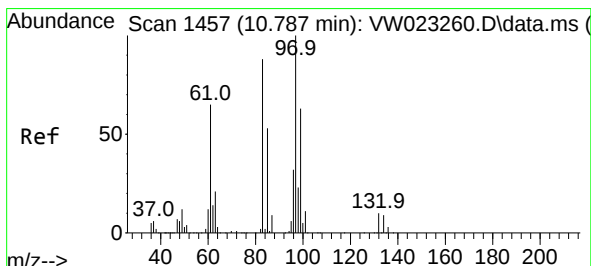
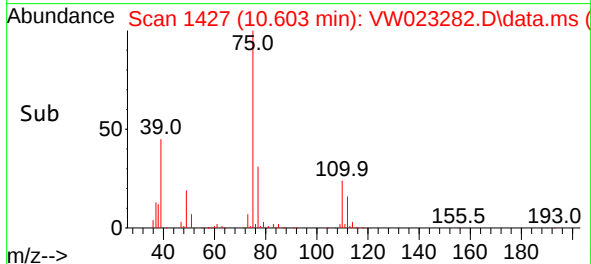
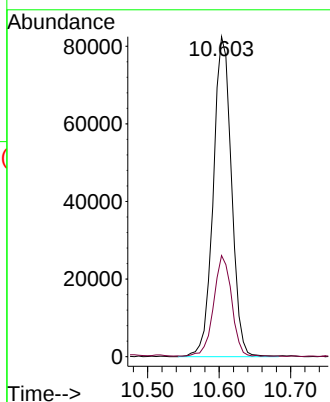
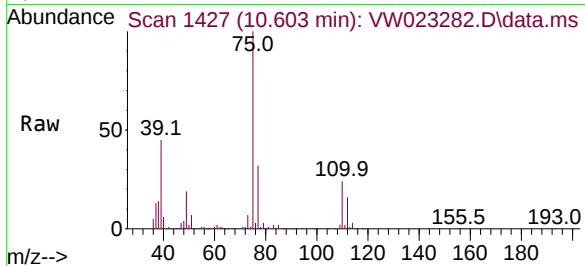




#44
trans-1,3-Dichloropropene
Concen: 22.533 ug/L
RT: 10.603 min Scan# 1427
Delta R.T. -0.000 min
Lab File: VW023282.D
Acq: 24 May 2022 19:12

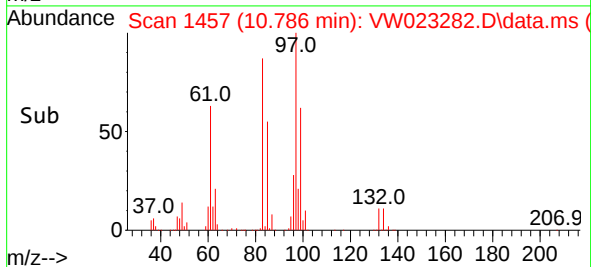
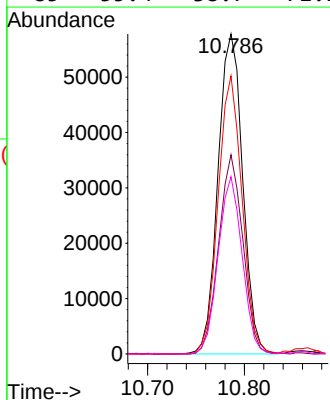
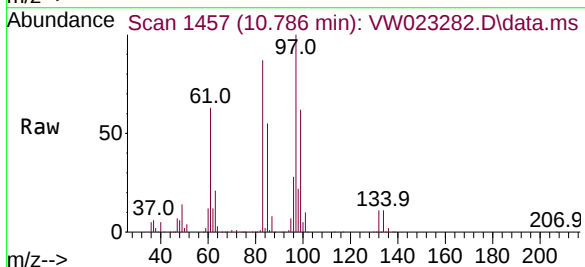
Instrument :
MSVOA_W
ClientSampleId :
EXY22MS

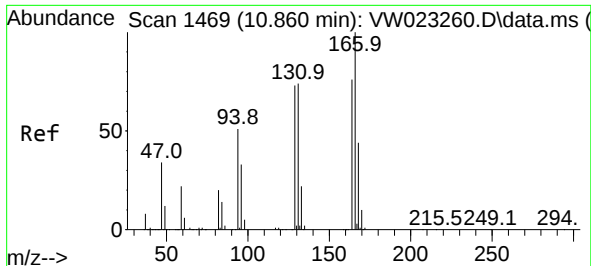
Tgt Ion: 75 Resp: 145931
Ion Ratio Lower Upper
75 100
77 31.6 22.0 40.8



#45
1,1,2-Trichloroethane
Concen: 26.139 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VW023282.D
Acq: 24 May 2022 19:12

Tgt Ion: 97 Resp: 102253
Ion Ratio Lower Upper
97 100
99 62.3 44.7 82.9
83 86.9 58.4 108.4
85 55.4 38.7 71.9



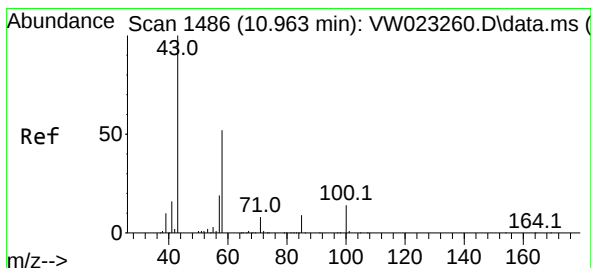
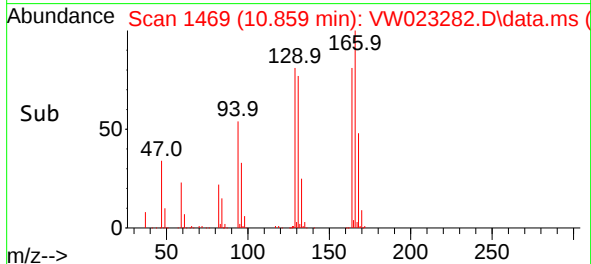
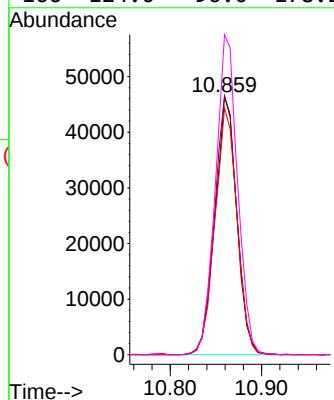
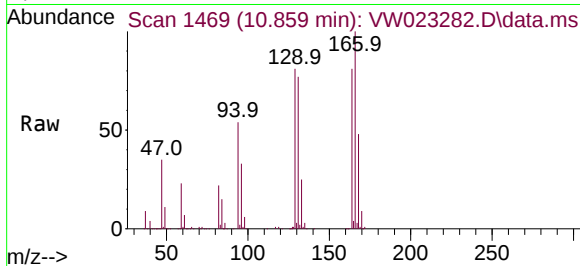


#46
Tetrachloroethene
Concen: 19.259 ug/L
RT: 10.859 min Scan# 1469
Delta R.T. -0.000 min
Lab File: VW023282.D
Acq: 24 May 2022 19:12

Instrument :
MSVOA_W
ClientSampleId :
EXY22MS

Tgt Ion:164 Resp: 76967

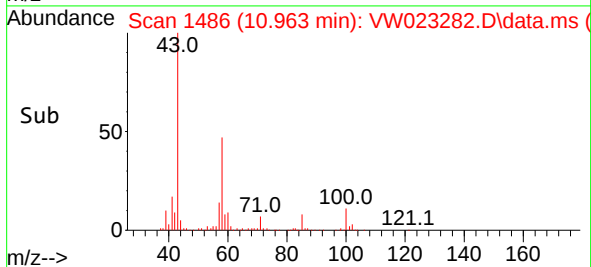
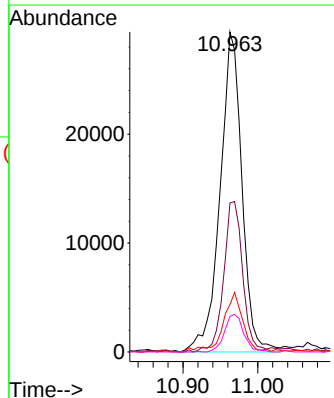
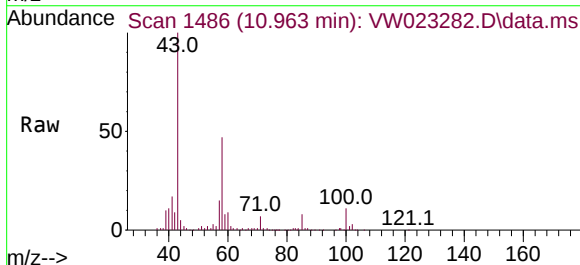
Ion	Ratio	Lower	Upper
164	100		
129	100.4	76.9	142.7
131	95.6	75.1	139.5
166	124.0	96.0	178.2

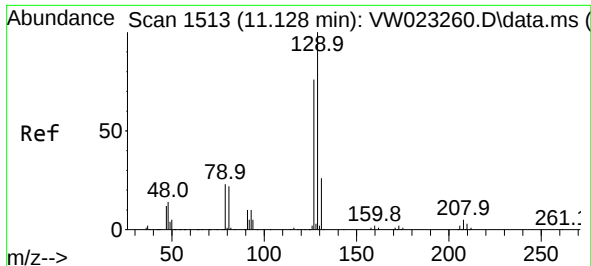


#48
2-Hexanone
Concen: 30.421 ug/L
RT: 10.963 min Scan# 1486
Delta R.T. -0.000 min
Lab File: VW023282.D
Acq: 24 May 2022 19:12

Tgt Ion: 43 Resp: 59949

Ion	Ratio	Lower	Upper
43	100		
58	40.7	45.9	68.9#
57	15.3	16.2	24.2#
100	10.2	10.7	16.1#





#49

Dibromochloromethane

Concen: 24.966 ug/L

RT: 11.128 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW023282.D

Acq: 24 May 2022 19:12

Instrument :

MSVOA_W

ClientSampleId :

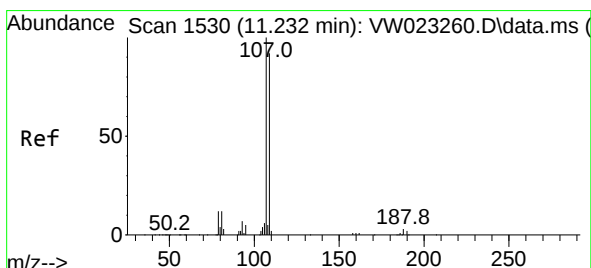
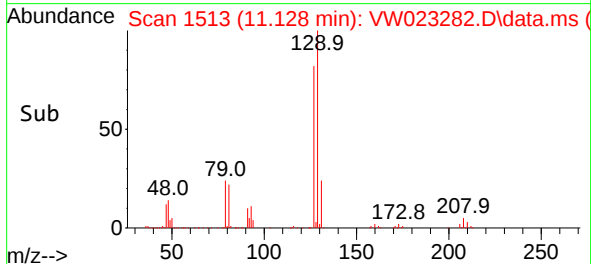
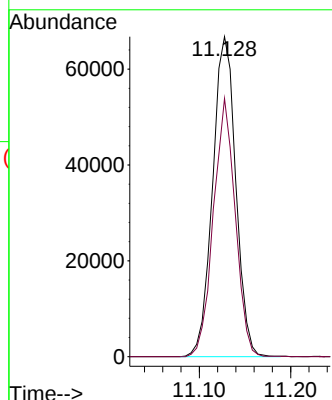
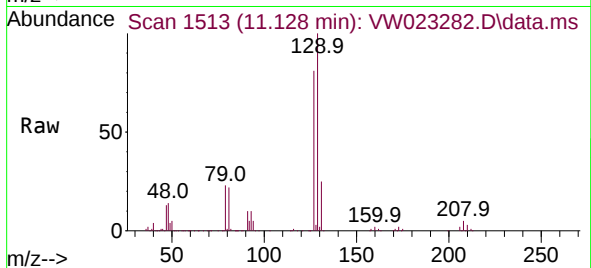
EXY22MS

Tgt Ion:129 Resp: 117543

Ion Ratio Lower Upper

129 100

127 80.7 53.8 100.0



#50

1,2-Dibromoethane

Concen: 24.723 ug/L

RT: 11.237 min Scan# 1531

Delta R.T. 0.006 min

Lab File: VW023282.D

Acq: 24 May 2022 19:12

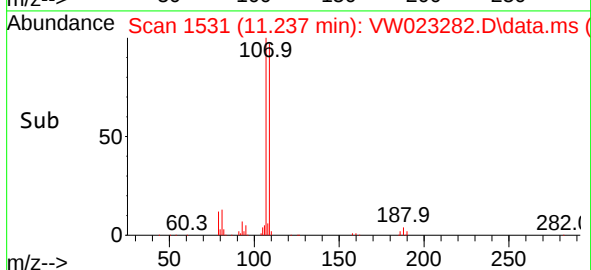
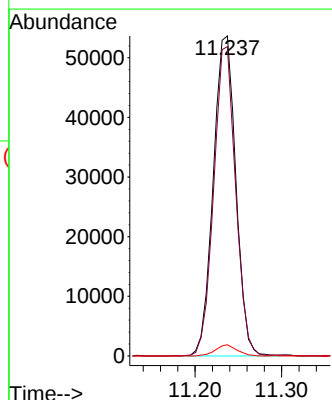
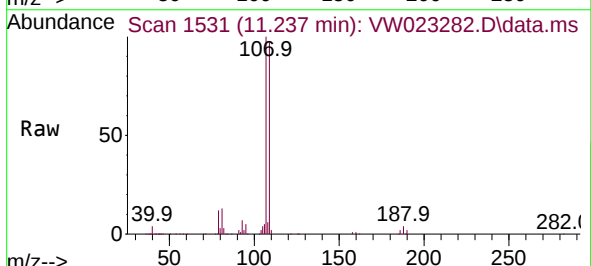
Tgt Ion:107 Resp: 97112

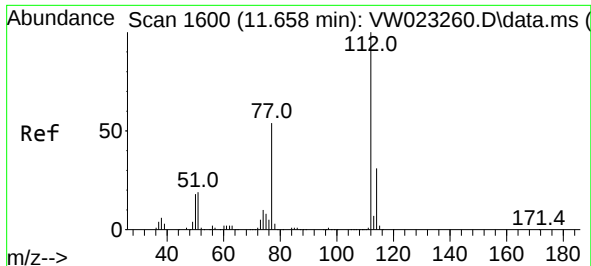
Ion Ratio Lower Upper

107 100

109 96.7 67.5 125.4

188 3.5 2.9 4.3

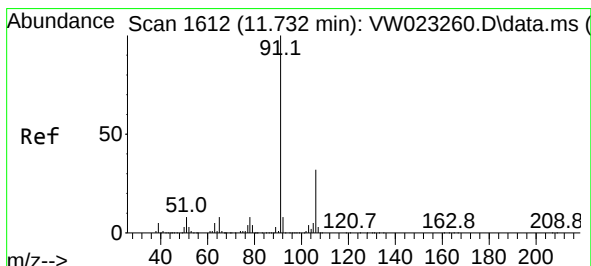
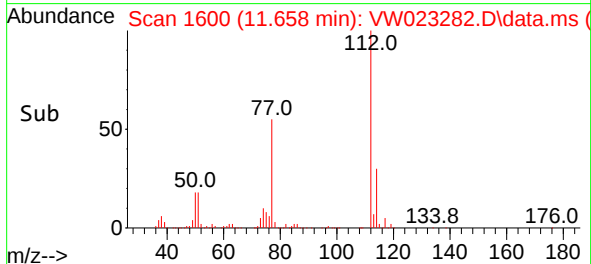
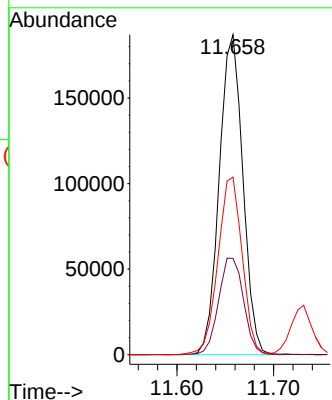
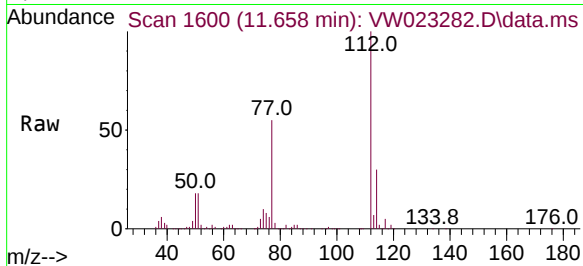




#51
Chlorobenzene
Concen: 22.166 ug/L
RT: 11.658 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW023282.D
Acq: 24 May 2022 19:12

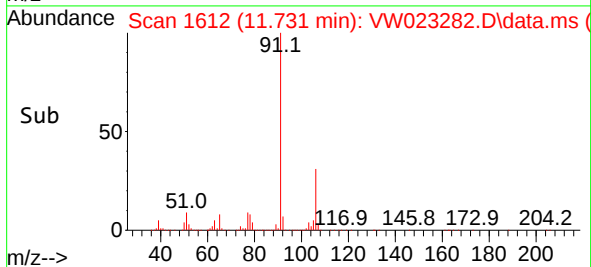
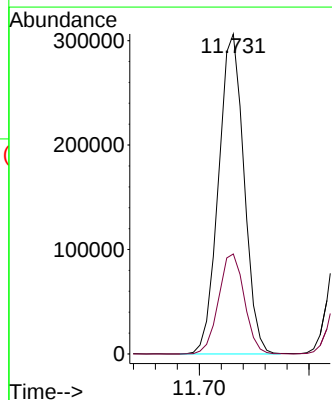
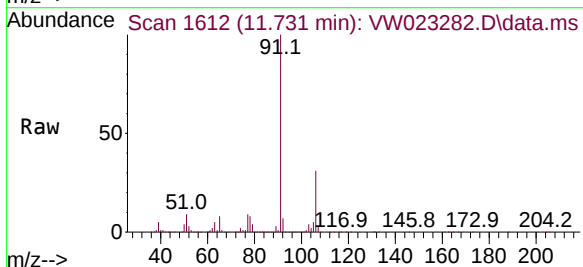
Instrument :
MSVOA_W
ClientSampleId :
EXY22MS

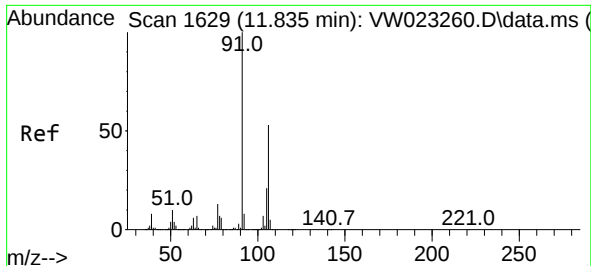
Tgt Ion:112 Resp: 316678
Ion Ratio Lower Upper
112 100
114 30.1 22.0 41.0
77 55.5 42.6 63.8



#52
Ethylbenzene
Concen: 20.515 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. -0.000 min
Lab File: VW023282.D
Acq: 24 May 2022 19:12

Tgt Ion: 91 Resp: 494587
Ion Ratio Lower Upper
91 100
106 31.3 22.3 41.3

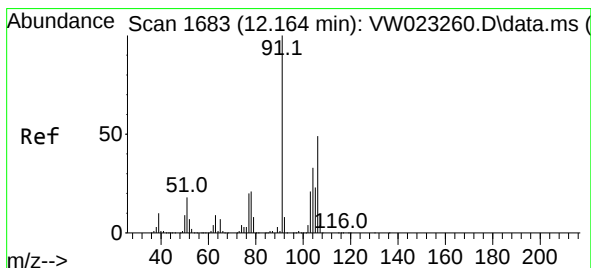
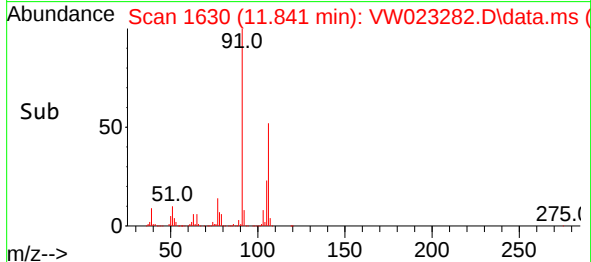
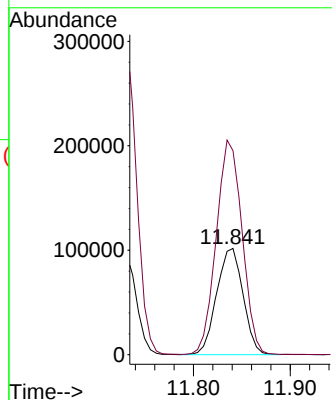
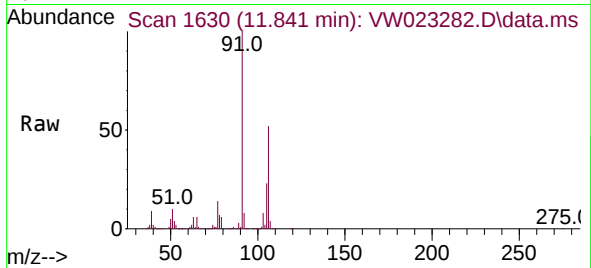




#53
m,p-Xylene
Concen: 20.267 ug/L
RT: 11.841 min Scan# 1630
Delta R.T. 0.006 min
Lab File: VW023282.D
Acq: 24 May 2022 19:12

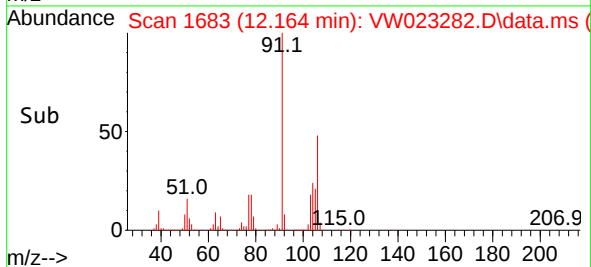
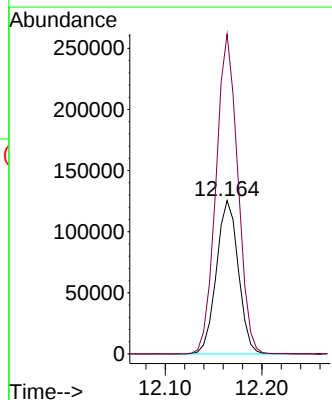
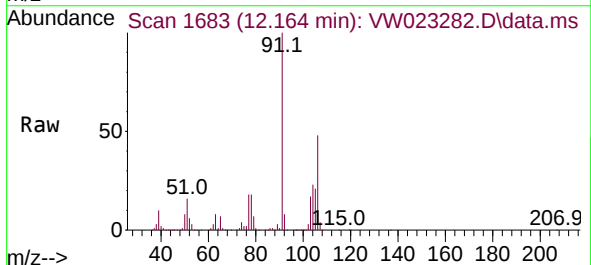
Instrument :
MSVOA_W
ClientSampleId :
EXY22MS

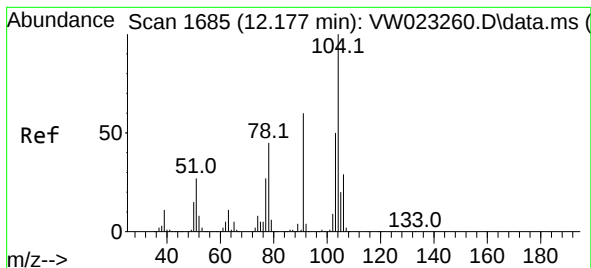
Tgt Ion:106 Resp: 192521
Ion Ratio Lower Upper
106 100
91 192.0 136.8 254.0



#54
o-Xylene
Concen: 21.663 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VW023282.D
Acq: 24 May 2022 19:12

Tgt Ion:106 Resp: 197477
Ion Ratio Lower Upper
106 100
91 208.5 147.2 273.4





#55

Styrene

Concen: 16.800 ug/L

RT: 12.176 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW023282.D

Acq: 24 May 2022 19:12

Instrument :

MSVOA_W

ClientSampleId :

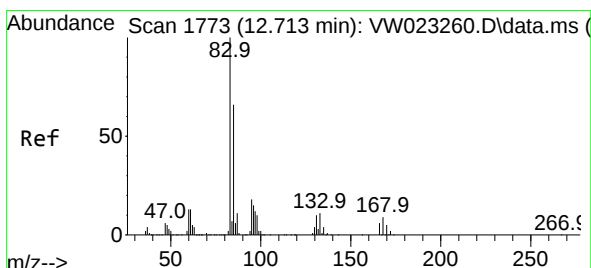
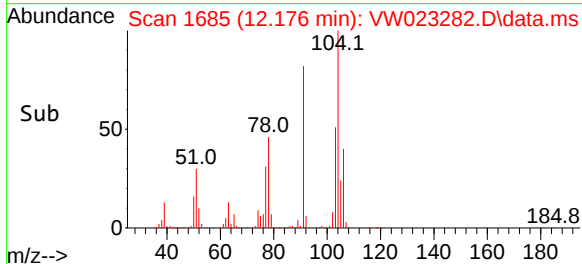
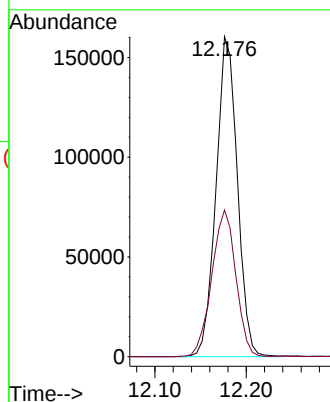
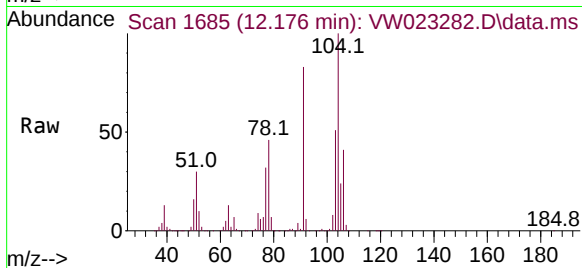
EXY22MS

Tgt Ion:104 Resp: 260227

Ion Ratio Lower Upper

104 100

78 45.8 32.3 59.9



#57

1,1,2,2-Tetrachloroethane

Concen: 24.568 ug/L

RT: 12.713 min Scan# 1773

Delta R.T. -0.000 min

Lab File: VW023282.D

Acq: 24 May 2022 19:12

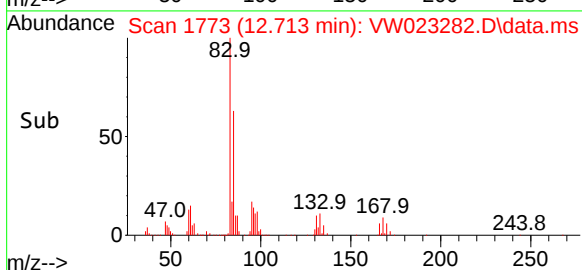
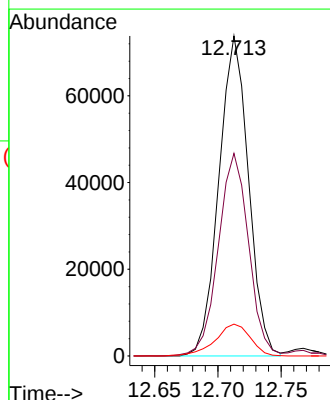
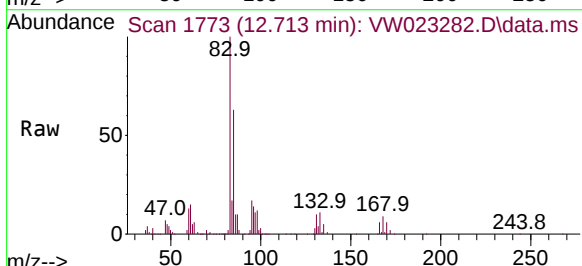
Tgt Ion: 83 Resp: 120039

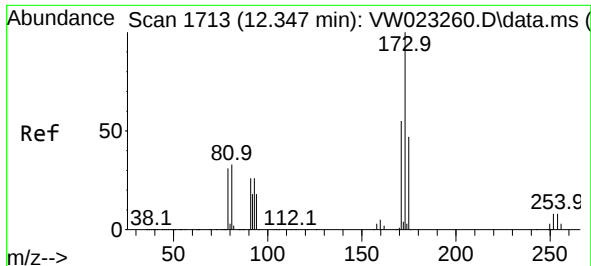
Ion Ratio Lower Upper

83 100

85 63.3 47.5 88.1

131 10.0 8.7 13.1

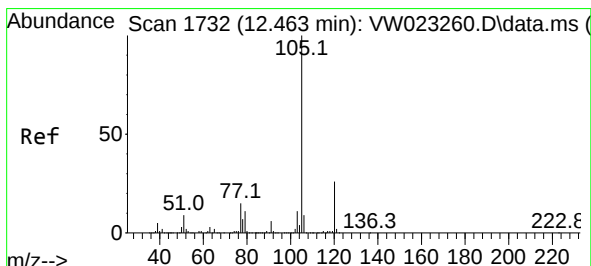
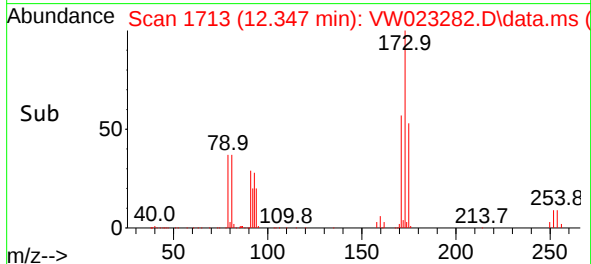
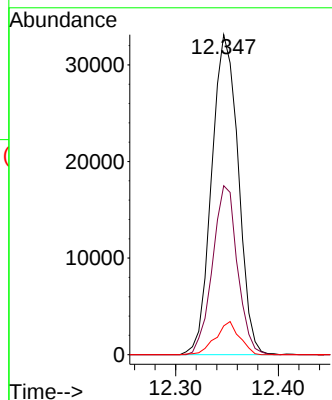
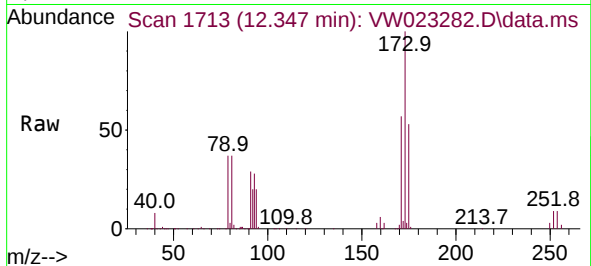




#59
Bromoform
Concen: 27.027 ug/L
RT: 12.347 min Scan# 1713
Delta R.T. -0.000 min
Lab File: VW023282.D
Acq: 24 May 2022 19:12

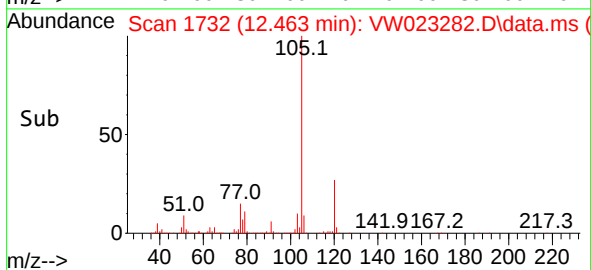
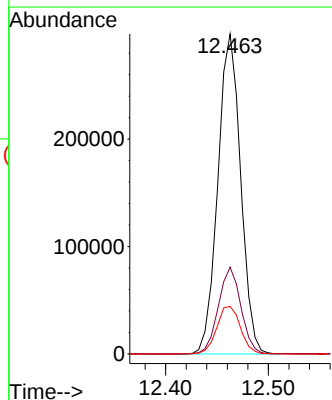
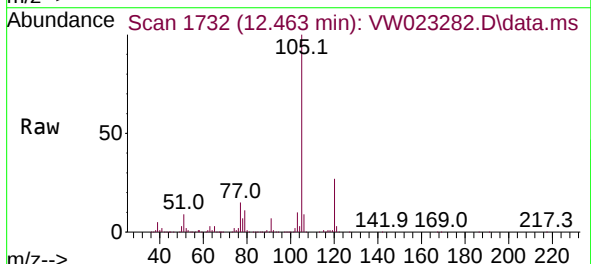
Instrument :
MSVOA_W
ClientSampleId :
EXY22MS

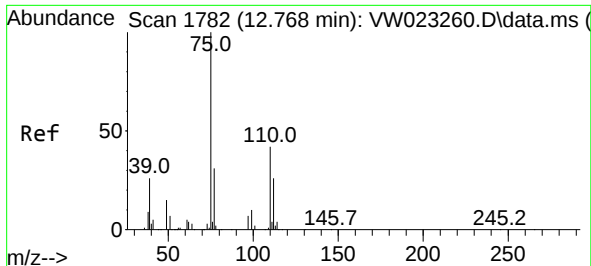
Tgt Ion:173 Resp: 59401
Ion Ratio Lower Upper
173 100
175 49.6 38.1 57.1
254 9.3 6.5 9.7



#60
Isopropylbenzene
Concen: 21.569 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VW023282.D
Acq: 24 May 2022 19:12

Tgt Ion:105 Resp: 458273
Ion Ratio Lower Upper
105 100
120 26.8 21.3 31.9
77 15.5 12.6 19.0





#61

1,2,3-Trichloropropane

Concen: 28.990 ug/L

RT: 12.767 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW023282.D

Acq: 24 May 2022 19:12

Instrument :

MSVOA_W

ClientSampleId :

EXY22MS

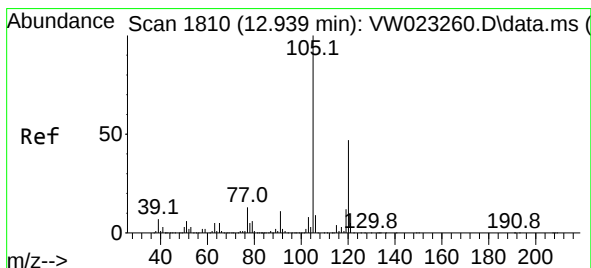
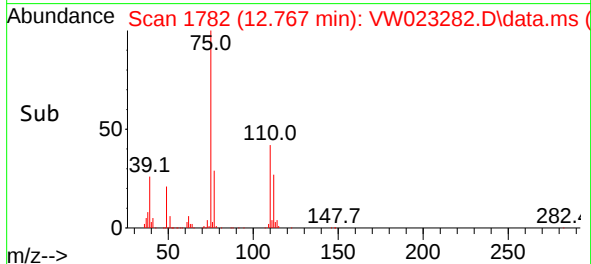
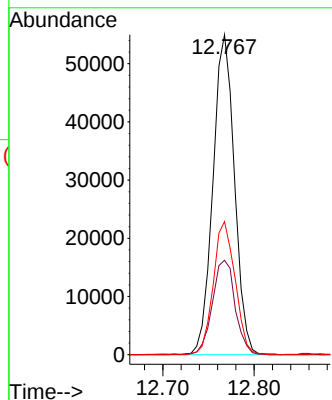
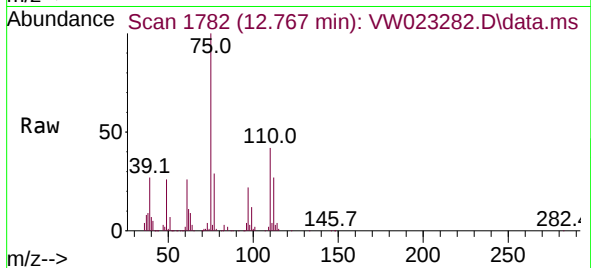
Tgt Ion: 75 Resp: 89834

Ion Ratio Lower Upper

75 100

77 31.2 26.2 39.2

110 42.1 34.1 51.1



#62

1,3,5-Trimethylbenzene

Concen: 20.723 ug/L

RT: 12.944 min Scan# 1811

Delta R.T. 0.006 min

Lab File: VW023282.D

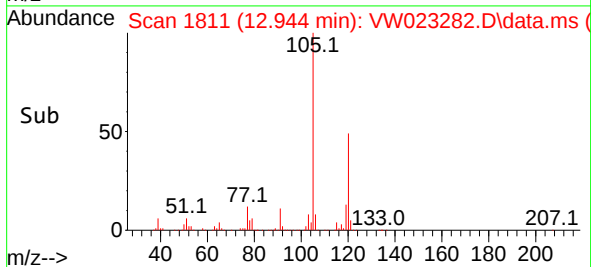
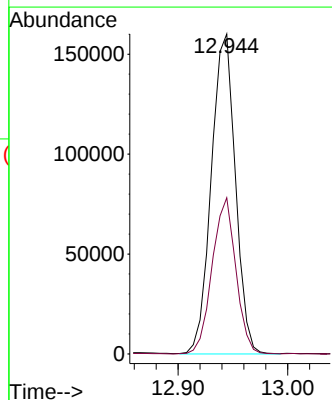
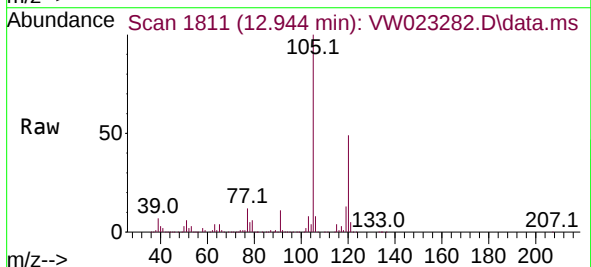
Acq: 24 May 2022 19:12

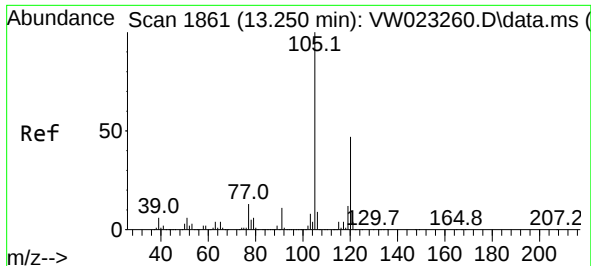
Tgt Ion: 105 Resp: 244950

Ion Ratio Lower Upper

105 100

120 47.9 38.9 58.3

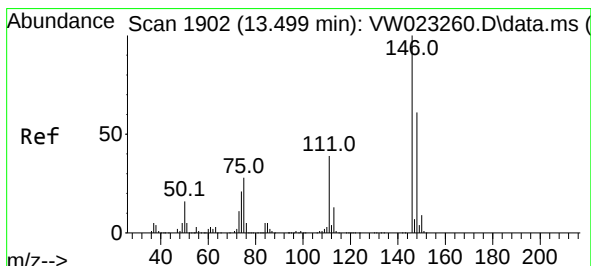
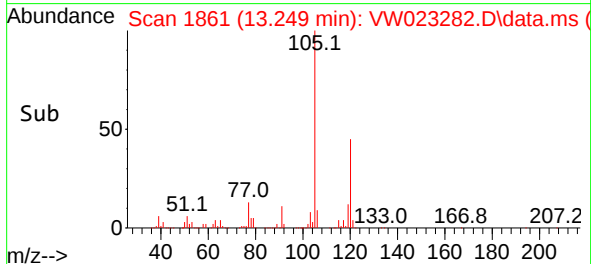
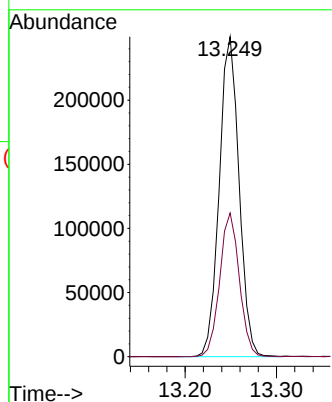
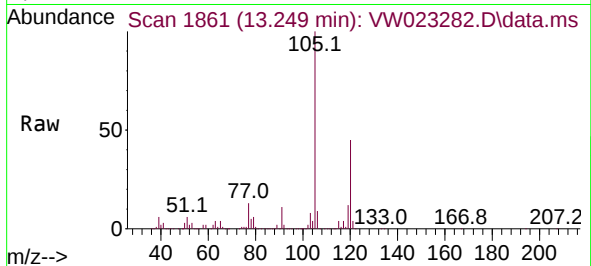




#63
1,2,4-Trimethylbenzene
Concen: 21.147 ug/L
RT: 13.249 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW023282.D
Acq: 24 May 2022 19:12

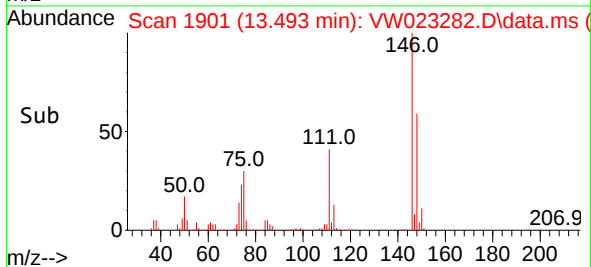
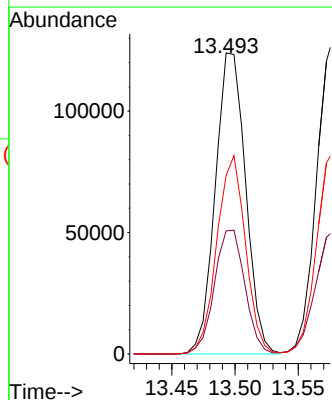
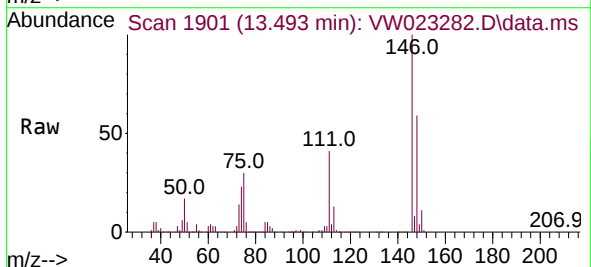
Instrument :
MSVOA_W
ClientSampleId :
EXY22MS

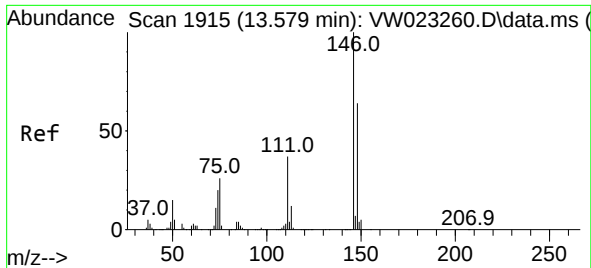
Tgt Ion:105 Resp: 375332
Ion Ratio Lower Upper
105 100
120 44.5 37.4 56.2



#64
1,3-Dichlorobenzene
Concen: 21.799 ug/L
RT: 13.493 min Scan# 1901
Delta R.T. -0.007 min
Lab File: VW023282.D
Acq: 24 May 2022 19:12

Tgt Ion:146 Resp: 206782
Ion Ratio Lower Upper
146 100
111 40.9 29.5 54.9
148 59.3 48.6 90.2

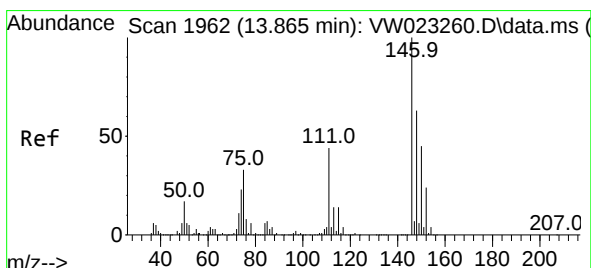
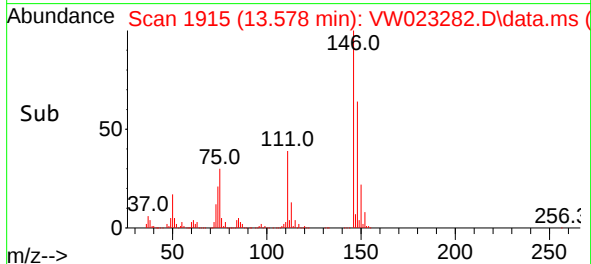
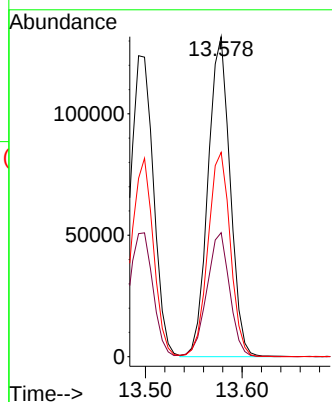
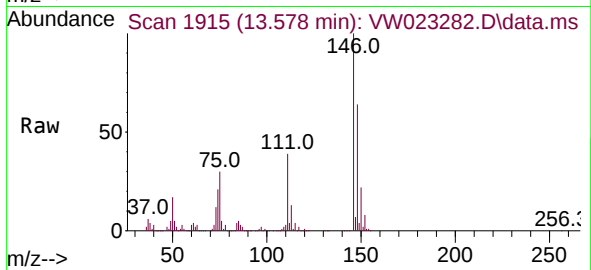




#65
1,4-Dichlorobenzene
Concen: 21.351 ug/L
RT: 13.578 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VW023282.D
Acq: 24 May 2022 19:12

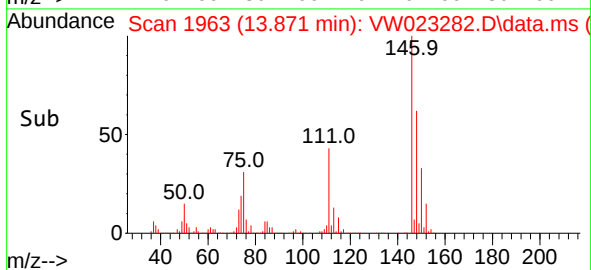
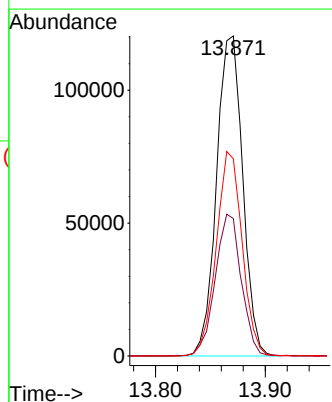
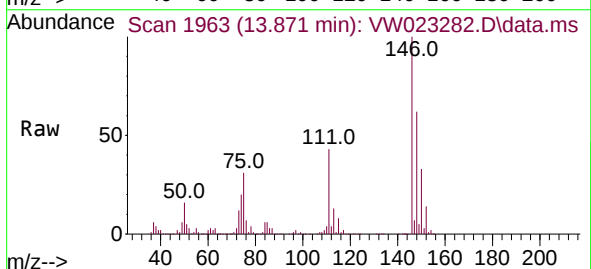
Instrument :
MSVOA_W
ClientSampleId :
EXY22MS

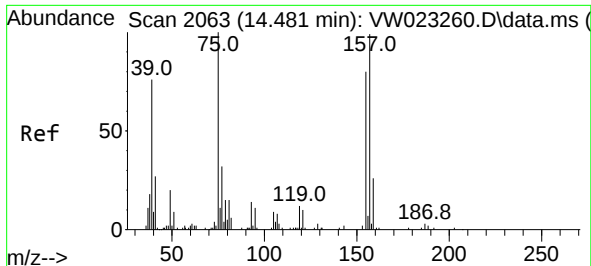
Tgt Ion:146 Resp: 209202
Ion Ratio Lower Upper
146 100
111 38.7 27.2 50.4
148 63.8 44.0 81.6



#67
1,2-Dichlorobenzene
Concen: 23.059 ug/L
RT: 13.871 min Scan# 1963
Delta R.T. 0.006 min
Lab File: VW023282.D
Acq: 24 May 2022 19:12

Tgt Ion:146 Resp: 200162
Ion Ratio Lower Upper
146 100
111 42.9 35.7 53.5
148 61.7 52.6 79.0

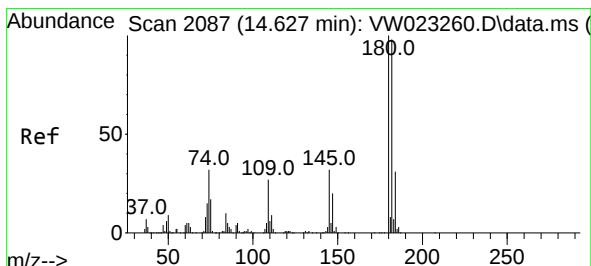
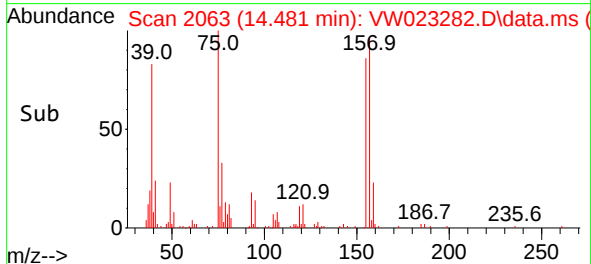
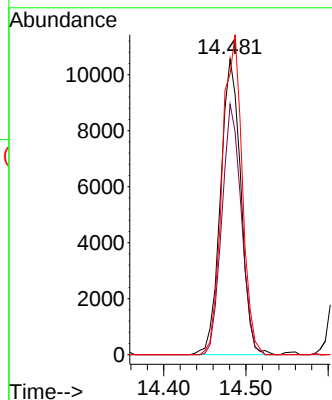
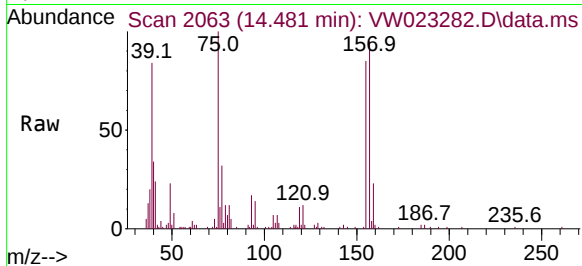




#68
1,2-Dibromo-3-chloropropane
Concen: 26.664 ug/L
RT: 14.481 min Scan# 2063
Delta R.T. -0.000 min
Lab File: VW023282.D
Acq: 24 May 2022 19:12

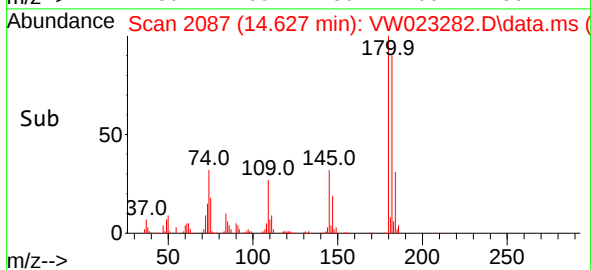
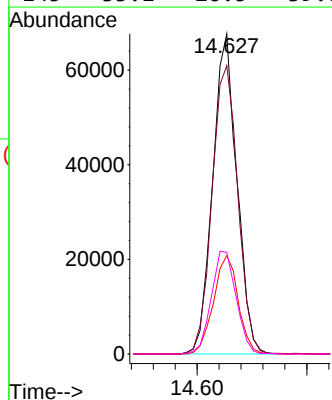
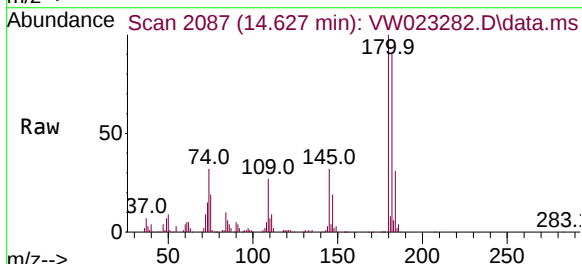
Instrument :
MSVOA_W
ClientSampleId :
EXY22MS

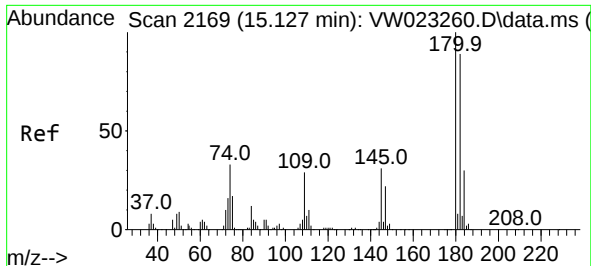
Tgt Ion: 75 Resp: 18058
Ion Ratio Lower Upper
75 100
155 84.7 59.3 88.9
157 94.9 89.8 134.8



#69
1,3,5-Trichlorobenzene
Concen: 16.447 ug/L
RT: 14.627 min Scan# 2087
Delta R.T. -0.000 min
Lab File: VW023282.D
Acq: 24 May 2022 19:12

Tgt Ion:180 Resp: 103563
Ion Ratio Lower Upper
180 100
182 95.9 74.8 112.2
184 31.4 23.4 35.2
145 33.1 26.5 39.7

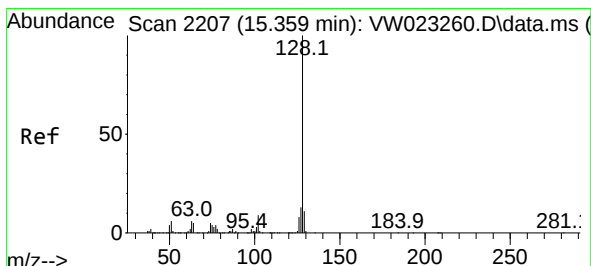
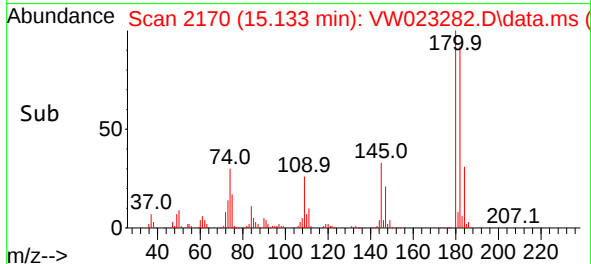
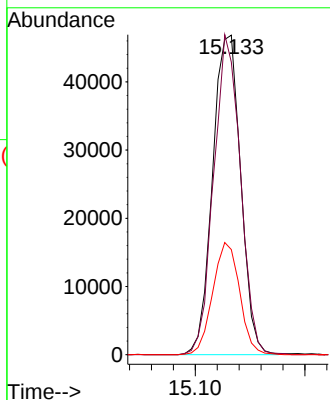
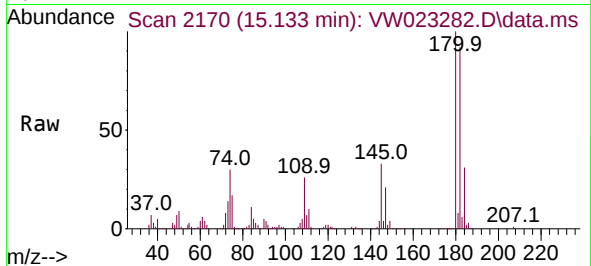




#70
1,2,4-trichlorobenzene
Concen: 16.442 ug/L
RT: 15.133 min Scan# 2169
Delta R.T. 0.006 min
Lab File: VW023282.D
Acq: 24 May 2022 19:12

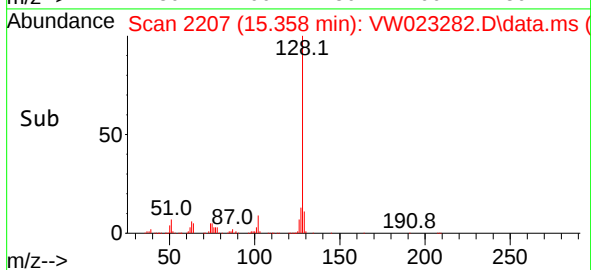
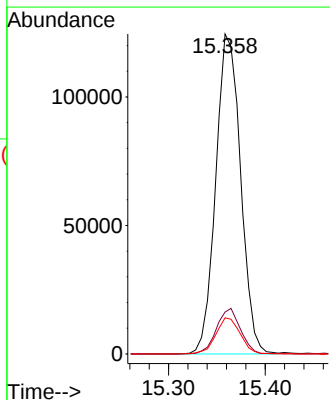
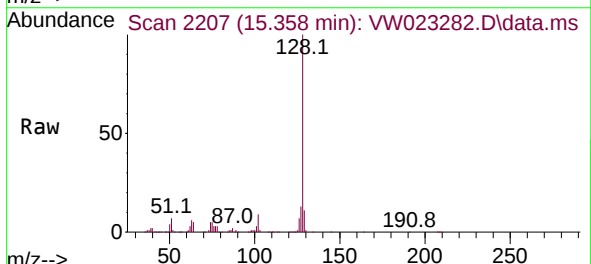
Instrument :
MSVOA_W
ClientSampleId :
EXY22MS

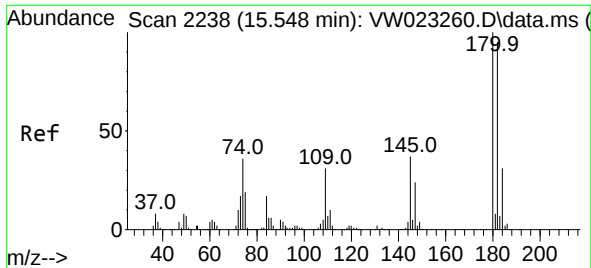
Tgt Ion:180 Resp: 83281
Ion Ratio Lower Upper
180 100
182 95.2 74.9 112.3
145 33.7 26.6 39.8



#71
Naphthalene
Concen: 20.157 ug/L
RT: 15.358 min Scan# 2207
Delta R.T. -0.000 min
Lab File: VW023282.D
Acq: 24 May 2022 19:12

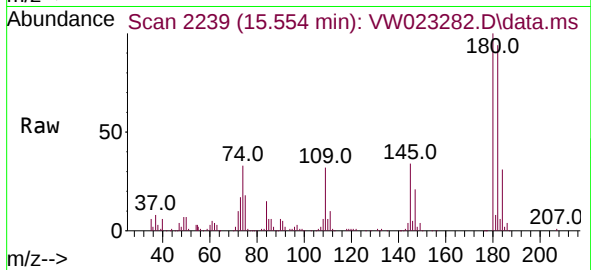
Tgt Ion:128 Resp: 221905
Ion Ratio Lower Upper
128 100
127 13.8 10.6 16.0
129 11.1 8.7 13.1





#72
 1,2,3-Trichlorobenzene
 Concen: 16.906 ug/L
 RT: 15.554 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VW023282.D
 Acq: 24 May 2022 19:12

Instrument :
 MSVOA_W
 ClientSampleId :
 EXY22MS



Tgt Ion:	180	Resp:	75893
Ion Ratio	Lower	Upper	
180	100		
182	92.5	73.5	110.3
145	35.5	27.9	41.9

