

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052022\
 Data File : VW023192.D
 Acq On : 20 May 2022 12:33
 Operator : SY/VA
 Sample : N2926-02MS
 Misc : 5.02g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EXY11MS

Quant Time: May 20 23:03:27 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050222SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri May 20 23:01:40 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	408083	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	386767	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	201051	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	150954	18.030	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	72.120%
7) Chloroethane-d5	2.885	69	105130	19.301	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.200%
11) 1,1-Dichloroethene-d2	4.019	63	207267	19.159	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	76.640%
21) 2-Butanone-d5	7.080	46	60944	38.285	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	76.560%
24) Chloroform-d	7.647	84	251878	21.067	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	84.280%
26) 1,2-Dichloroethane-d4	8.305	65	135013	20.590	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	82.360%
32) Benzene-d6	8.275	84	489039	21.937	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	87.760%
36) 1,2-Dichloropropane-d6	9.275	67	139290	22.243	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	88.960%
41) Toluene-d8	10.323	98	474397	22.029	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	88.120%
43) trans-1,3-Dichloroprop...	10.579	79	60852	21.105	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	84.400%
47) 2-Hexanone-d5	10.921	63	49555	41.453	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	82.900%
56) 1,1,2,2-Tetrachloroeth...	12.689	84	123731	21.199	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	84.800%
66) 1,2-Dichlorobenzene-d4	13.853	152	149361	21.252	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	85.000%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.008	85	62270	27.992	ug/L	97
3) Chloromethane	2.215	50	115063	26.766	ug/L	98
5) Vinyl chloride	2.361	62	166280	19.274	ug/L	98
6) Bromomethane	2.776	94	95434	17.229	ug/L	93
8) Chloroethane	2.922	64	84534	20.315	ug/L	93
9) Trichlorofluoromethane	3.251	101	83581	21.197	ug/L	94
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	120278	20.400	ug/L	96
12) 1,1-Dichloroethene	4.044	96	107735	20.613	ug/L	87
13) Acetone	4.123	43	54807	45.986	ug/L	99
14) Carbon disulfide	4.385	76	283094	19.756	ug/L	100
16) Methylene chloride	4.916	84	120480	20.177	ug/L	97
17) trans-1,2-Dichloroethene	5.422	96	119663	20.345	ug/L	97
18) Methyl tert-butyl Ether	5.428	73	192920	21.486	ug/L	99
19) 1,1-Dichloroethane	6.214	63	211048	21.171	ug/L	98
20) cis-1,2-Dichloroethene	7.171	96	133647	21.155	ug/L #	96
22) 2-Butanone	7.171	43	69157	41.492	ug/L	97
23) Bromochloromethane	7.519	128	63797	21.563	ug/L	92
25) Chloroform	7.677	83	238632	21.649	ug/L	98
27) 1,2-Dichloroethane	8.403	62	153280	20.861	ug/L	97

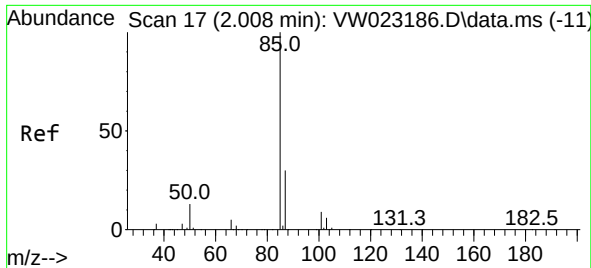
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052022\
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050222SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri May 20 23:01:40 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) Cyclohexane	7.958	56	183228	21.905	ug/L	99
30) 1,1,1-Trichloroethane	7.872	97	199923	21.873	ug/L	99
31) Carbon tetrachloride	8.067	117	185008	21.639	ug/L	99
33) Benzene	8.324	78	510879	22.422	ug/L	100
34) Trichloroethene	9.092	95	136493	21.783	ug/L	98
35) Methylcyclohexane	9.336	83	207277	20.136	ug/L	97
37) 1,2-Dichloropropane	9.366	63	119776	21.723	ug/L	99
38) Bromodichloromethane	9.646	83	164824	21.046	ug/L	96
39) cis-1,3-Dichloropropene	10.073	75	188900	22.095	ug/L	100
40) 4-Methyl-2-pentanone	10.207	43	141772	40.794	ug/L	100
42) Toluene	10.390	91	571230	22.371	ug/L	95
44) trans-1,3-Dichloropropene	10.604	75	164496	21.556	ug/L	99
45) 1,1,2-Trichloroethane	10.787	97	98268	21.319	ug/L	97
46) Tetrachloroethene	10.860	164	99849	21.204	ug/L	97
48) 2-Hexanone	10.969	43	109514	47.162	ug/L	98
49) Dibromochloromethane	11.128	129	116028	20.915	ug/L	97
50) 1,2-Dibromoethane	11.232	107	97004	20.959	ug/L #	95
51) Chlorobenzene	11.658	112	361649	21.483	ug/L	98
52) Ethylbenzene	11.731	91	605701	21.322	ug/L	100
53) m,p-Xylene	11.835	106	247624	22.123	ug/L	98
54) o-Xylene	12.164	106	235090	21.887	ug/L	100
55) Styrene	12.177	104	396194	21.707	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.713	83	116545	20.243	ug/L	98
59) Bromoform	12.347	173	58424	20.505	ug/L	98
60) Isopropylbenzene	12.463	105	628746	22.828	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	84340	20.995	ug/L	97
62) 1,3,5-Trimethylbenzene	12.939	105	321520	20.982	ug/L	98
63) 1,2,4-Trimethylbenzene	13.249	105	506280	22.004	ug/L	96
64) 1,3-Dichlorobenzene	13.499	146	253684	20.629	ug/L	89
65) 1,4-Dichlorobenzene	13.573	146	256772	20.215	ug/L	98
67) 1,2-Dichlorobenzene	13.865	146	239091	21.247	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.481	75	17077	19.451	ug/L	86
69) 1,3,5-Trichlorobenzene	14.621	180	133715	16.381	ug/L	98
70) 1,2,4-trichlorobenzene	15.133	180	99482	15.151	ug/L	97
71) Naphthalene	15.359	128	251067	17.592	ug/L	100
72) 1,2,3-Trichlorobenzene	15.554	180	83774	14.395	ug/L	96

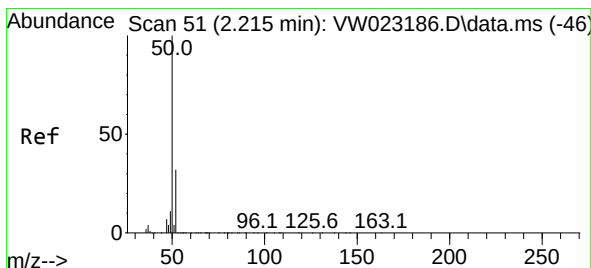
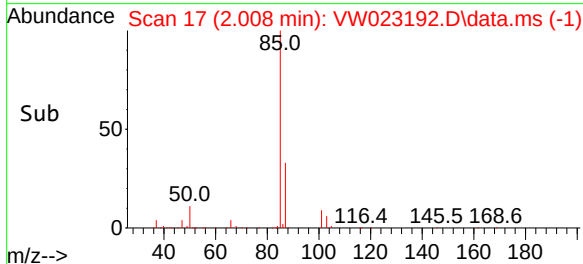
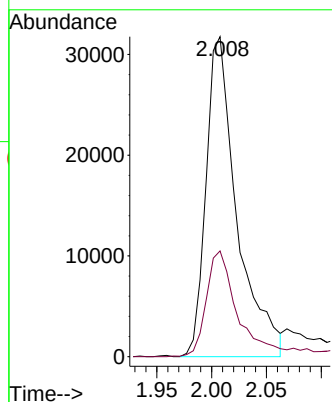
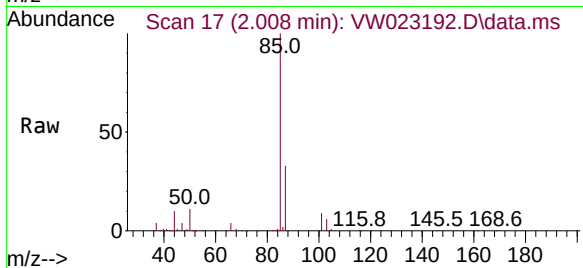
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#2
 Dichlorodifluoromethane
 Concen: 27.992 ug/L
 RT: 2.008 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VW023192.D
 Acq: 20 May 2022 12:33

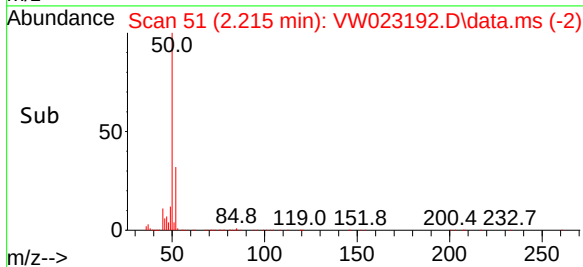
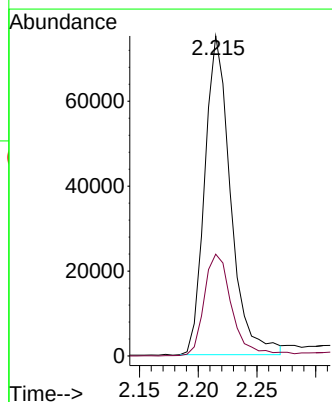
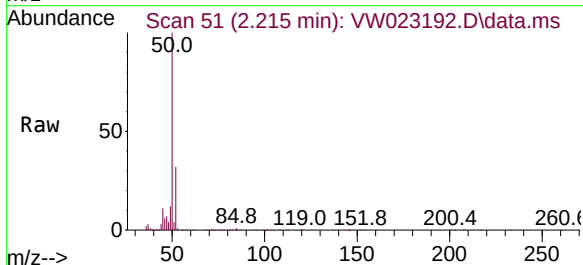
Instrument :
 MSVOA_W
 ClientSampleId :
 EXY11MS

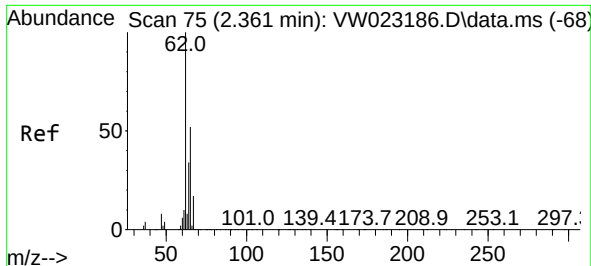
Tgt Ion: 85 Resp: 62270
 Ion Ratio Lower Upper
 85 100
 87 33.2 27.8 41.8



#3
 Chloromethane
 Concen: 26.766 ug/L
 RT: 2.215 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: VW023192.D
 Acq: 20 May 2022 12:33

Tgt Ion: 50 Resp: 115063
 Ion Ratio Lower Upper
 50 100
 52 31.8 23.1 42.9

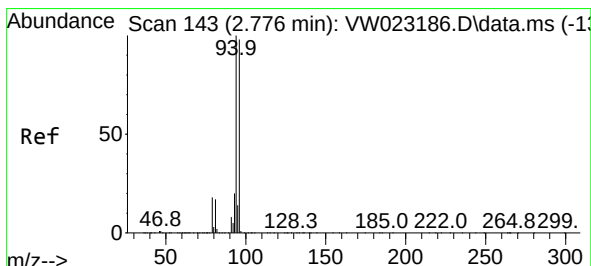
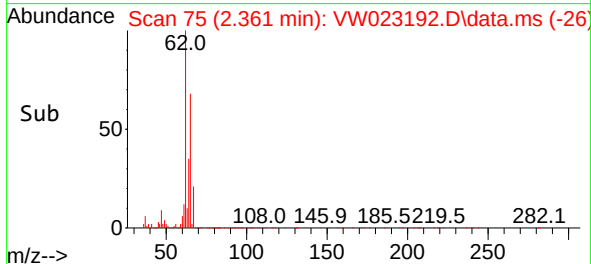
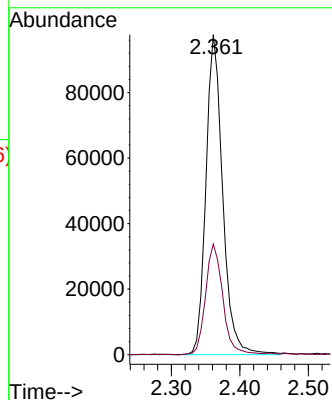
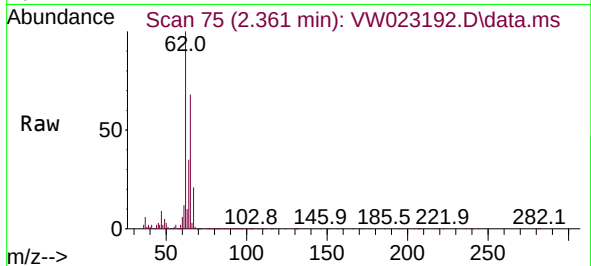




#5
 Vinyl chloride
 Concen: 19.274 ug/L
 RT: 2.361 min Scan# 75
 Delta R.T. 0.000 min
 Lab File: VW023192.D
 Acq: 20 May 2022 12:33

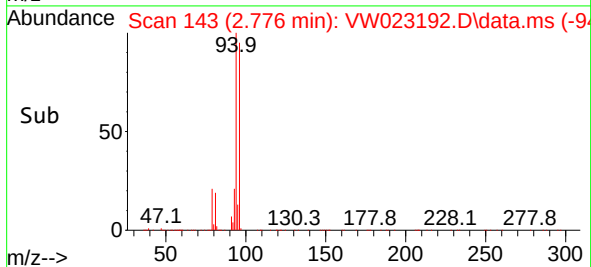
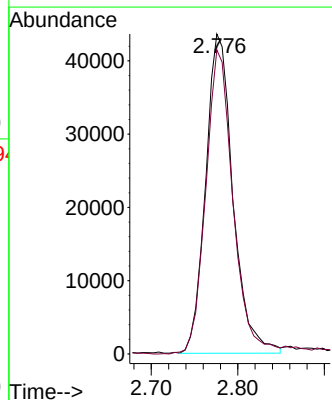
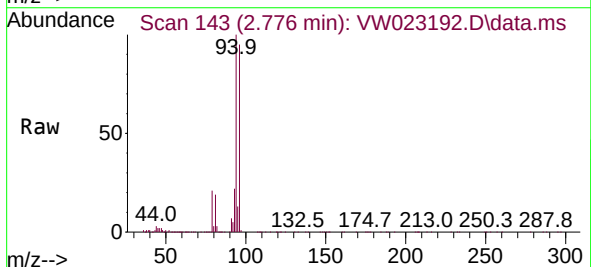
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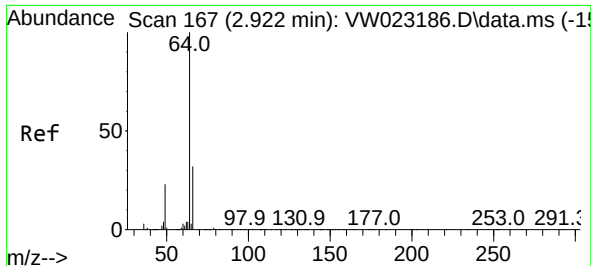
Tgt Ion: 62 Resp: 166280
 Ion Ratio Lower Upper
 62 100
 64 34.6 24.9 46.3



#6
 Bromomethane
 Concen: 17.229 ug/L
 RT: 2.776 min Scan# 143
 Delta R.T. 0.000 min
 Lab File: VW023192.D
 Acq: 20 May 2022 12:33

Tgt Ion: 94 Resp: 95434
 Ion Ratio Lower Upper
 94 100
 96 95.0 61.7 114.5





#8

Chloroethane

Concen: 20.315 ug/L

RT: 2.922 min Scan# 167

Delta R.T. 0.000 min

Lab File: VW023192.D

Acq: 20 May 2022 12:33

Instrument :

MSVOA_W

ClientSampleId :

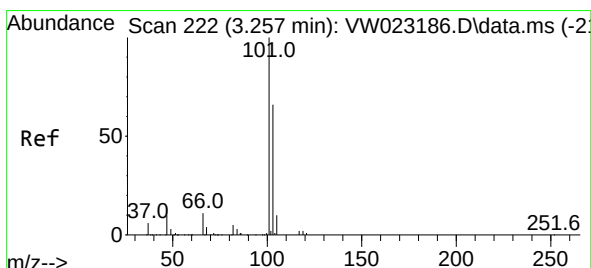
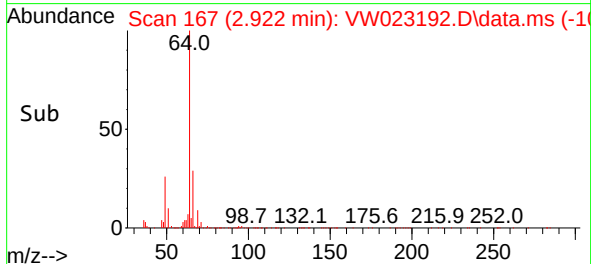
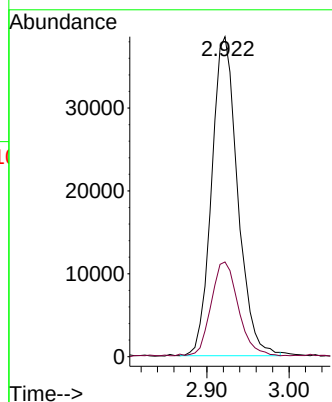
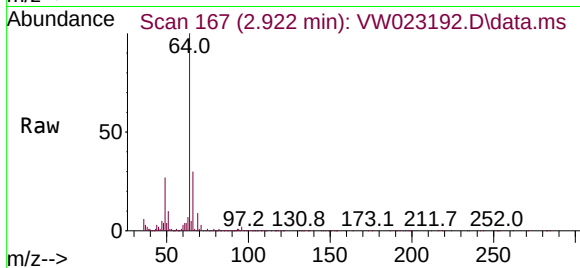
EXY11MS

Tgt Ion: 64 Resp: 84534

Ion Ratio Lower Upper

64 100

66 29.6 23.4 43.6



#9

Trichlorofluoromethane

Concen: 21.197 ug/L

RT: 3.251 min Scan# 221

Delta R.T. -0.006 min

Lab File: VW023192.D

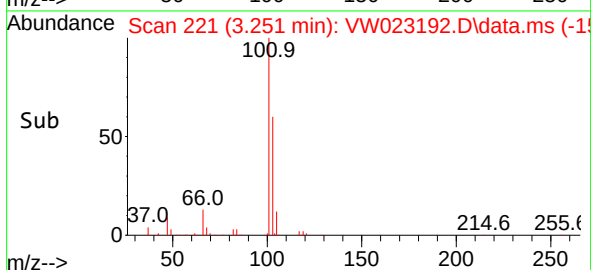
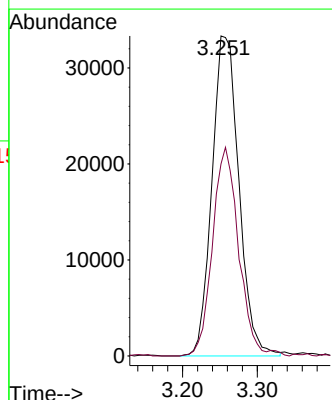
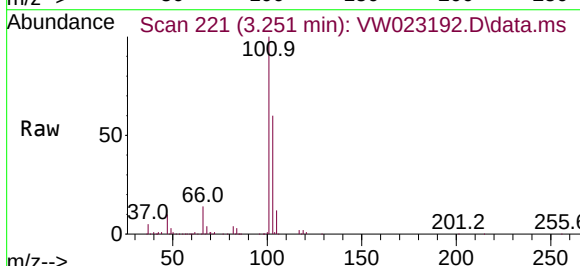
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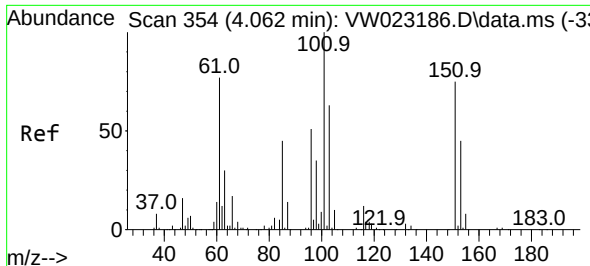
Tgt Ion: 101 Resp: 83581

Ion Ratio Lower Upper

101 100

103 62.5 53.9 80.9

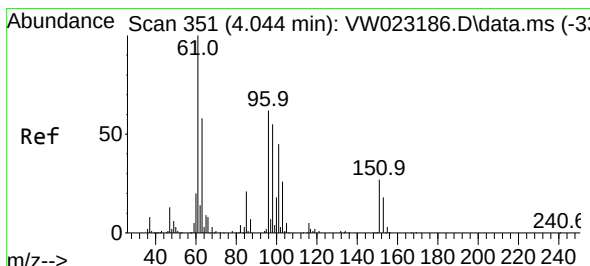
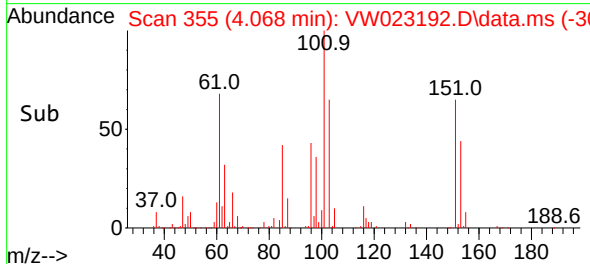
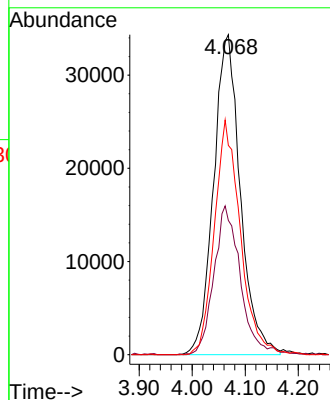
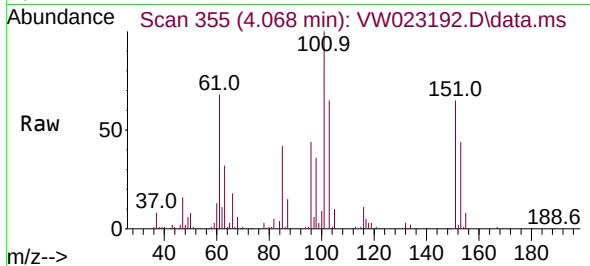




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 20.400 ug/L
 RT: 4.068 min Scan# 310
 Delta R.T. 0.006 min
 Lab File: VW023192.D
 Acq: 20 May 2022 12:33

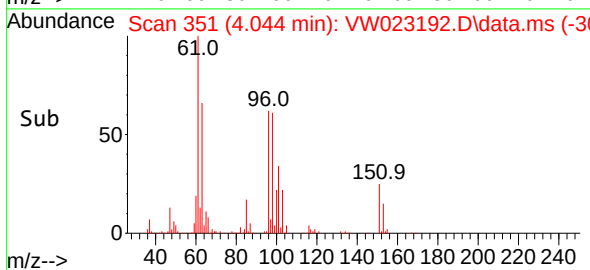
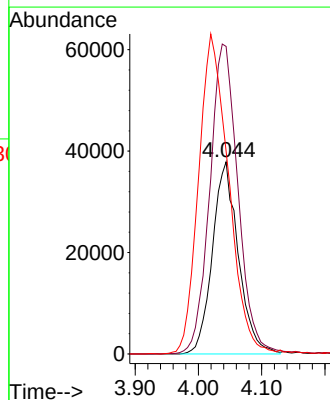
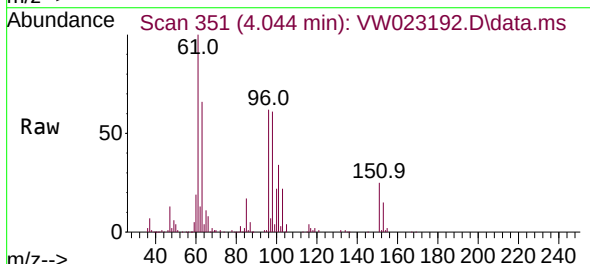
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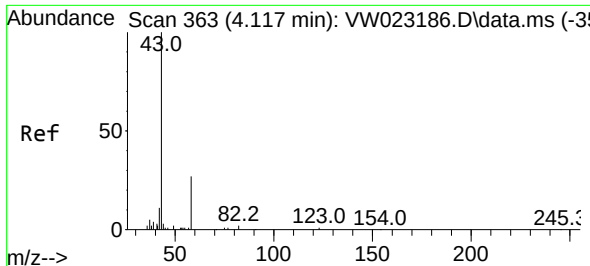
Tgt Ion:101 Resp: 120278
 Ion Ratio Lower Upper
 101 100
 85 45.0 34.3 51.5
 151 70.9 54.2 81.2



#12
 1,1-Dichloroethene
 Concen: 20.613 ug/L
 RT: 4.044 min Scan# 351
 Delta R.T. 0.000 min
 Lab File: VW023192.D
 Acq: 20 May 2022 12:33

Tgt Ion: 96 Resp: 107735
 Ion Ratio Lower Upper
 96 100
 61 160.0 125.7 233.5
 63 105.4 83.4 155.0

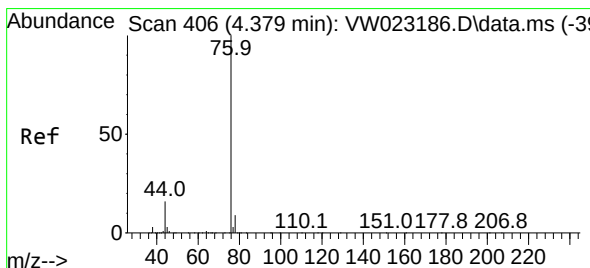
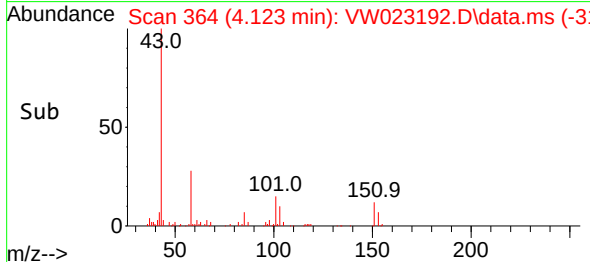
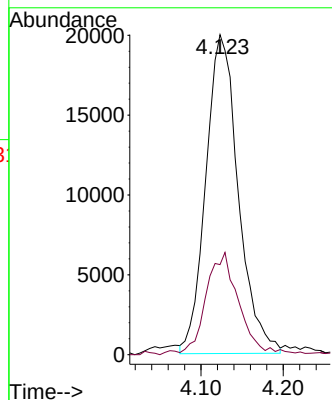
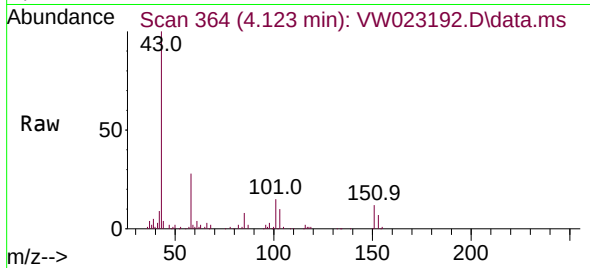




#13
Acetone
Concen: 45.986 ug/L
RT: 4.123 min Scan# 364
Delta R.T. 0.006 min
Lab File: VW023192.D
Acq: 20 May 2022 12:33

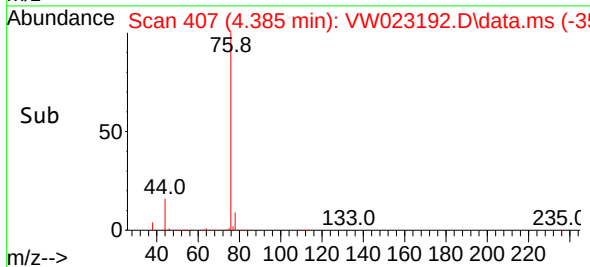
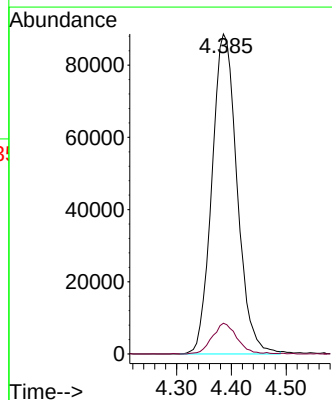
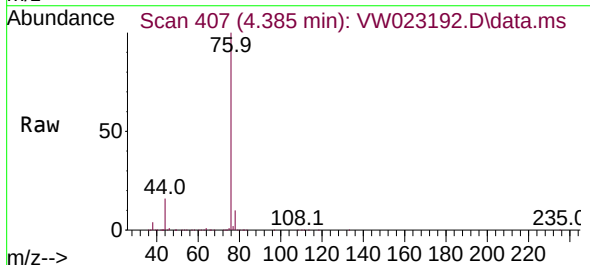
Instrument :
MSVOA_W
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EXY11MS

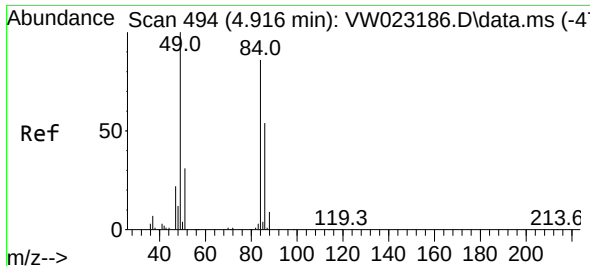
Tgt Ion: 43 Resp: 54807
Ion Ratio Lower Upper
43 100
58 31.7 0.0 64.0



#14
Carbon disulfide
Concen: 19.756 ug/L
RT: 4.385 min Scan# 407
Delta R.T. 0.006 min
Lab File: VW023192.D
Acq: 20 May 2022 12:33

Tgt Ion: 76 Resp: 283094
Ion Ratio Lower Upper
76 100
78 9.6 7.7 11.5

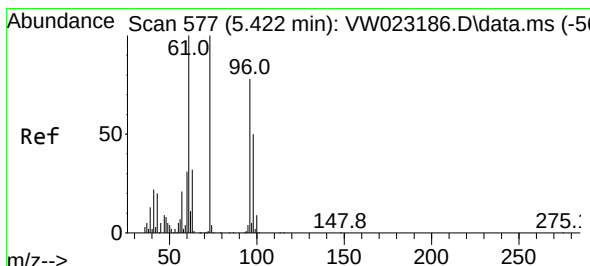
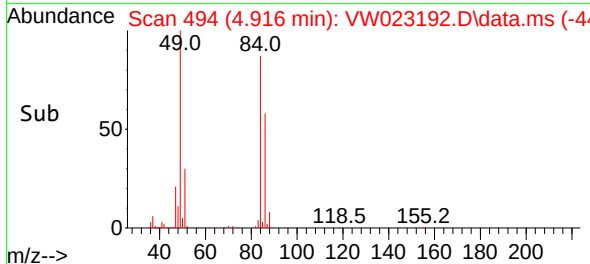
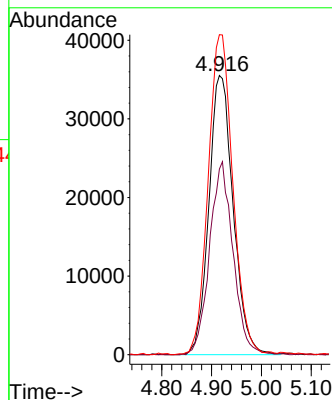
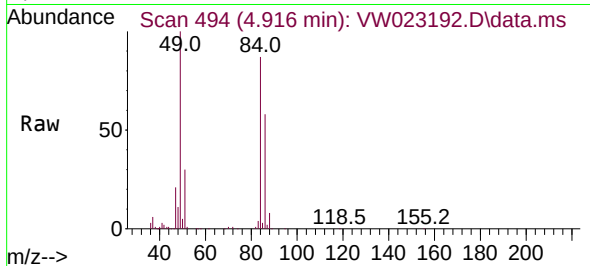




#16
Methylene chloride
Concen: 20.177 ug/L
RT: 4.916 min Scan# 494
Delta R.T. 0.000 min
Lab File: VW023192.D
Acq: 20 May 2022 12:33

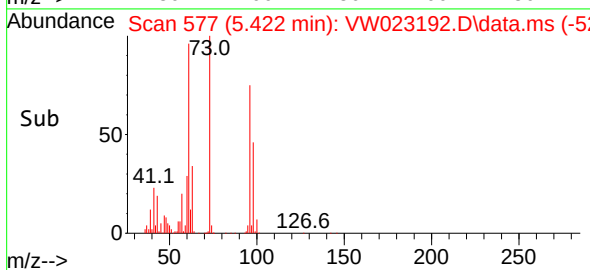
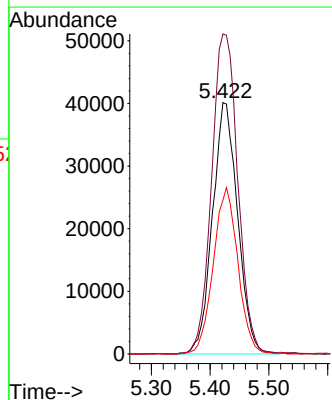
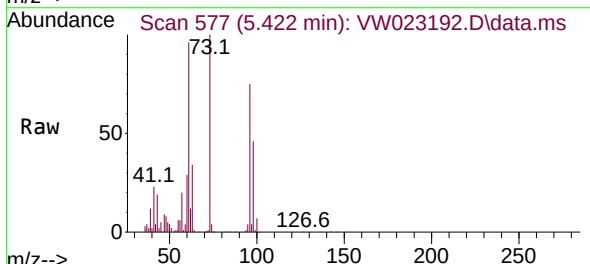
Instrument :
MSVOA_W
ClientSampleId :
EXY11MS

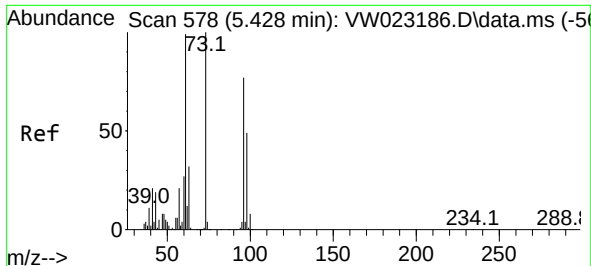
Tgt Ion: 84 Resp: 120480
Ion Ratio Lower Upper
84 100
86 66.5 45.4 84.4
49 114.6 82.5 153.1



#17
trans-1,2-Dichloroethene
Concen: 20.345 ug/L
RT: 5.422 min Scan# 577
Delta R.T. 0.000 min
Lab File: VW023192.D
Acq: 20 May 2022 12:33

Tgt Ion: 96 Resp: 119663
Ion Ratio Lower Upper
96 100
61 127.3 92.2 171.2
98 61.2 42.9 79.7

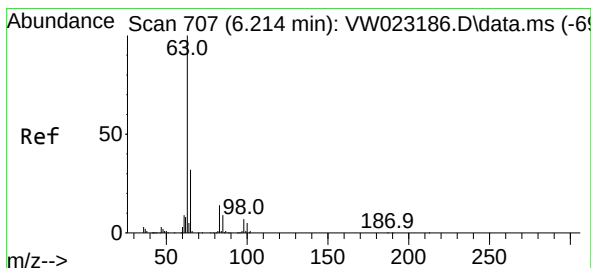
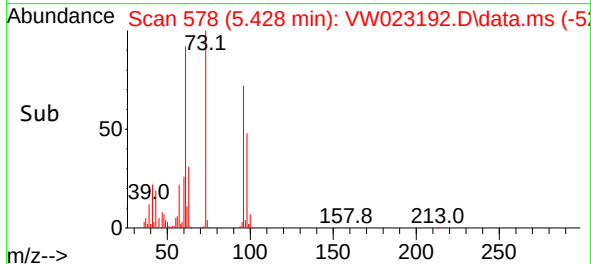
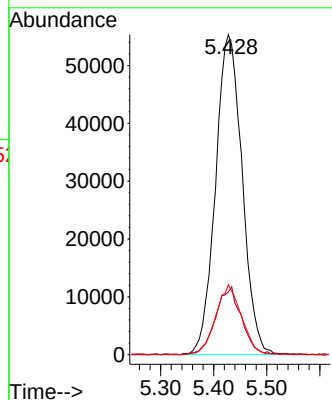
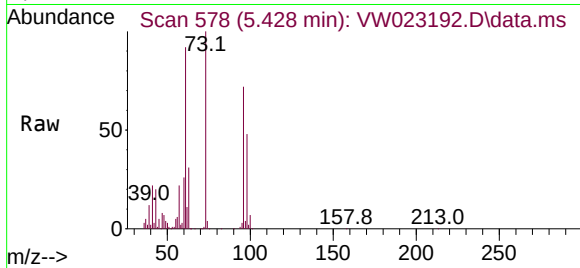




#18
Methyl tert-butyl Ether
Concen: 21.486 ug/L
RT: 5.428 min Scan# 51
Delta R.T. 0.000 min
Lab File: VW023192.D
Acq: 20 May 2022 12:33

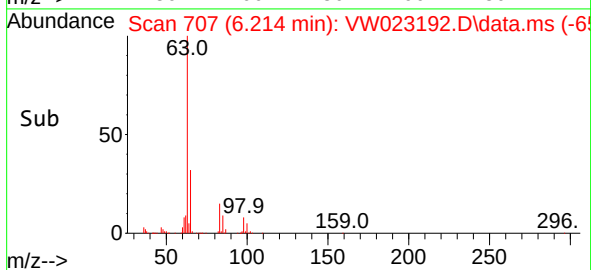
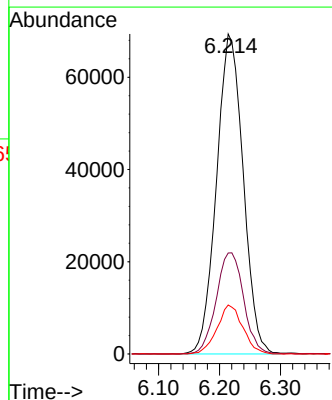
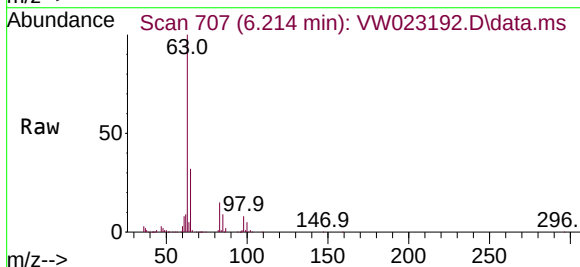
Instrument :
MSVOA_W
ClientSampleId :
EXY11MS

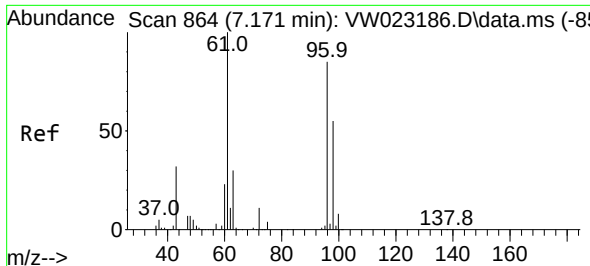
Tgt Ion: 73 Resp: 192920
Ion Ratio Lower Upper
73 100
43 20.4 15.9 23.9
57 21.2 16.5 24.7



#19
1,1-Dichloroethane
Concen: 21.171 ug/L
RT: 6.214 min Scan# 707
Delta R.T. 0.000 min
Lab File: VW023192.D
Acq: 20 May 2022 12:33

Tgt Ion: 63 Resp: 211048
Ion Ratio Lower Upper
63 100
65 31.6 23.3 43.3
83 15.3 11.1 20.5

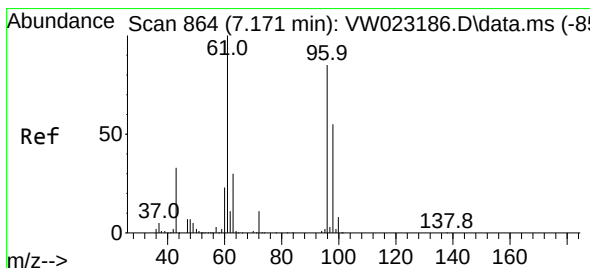
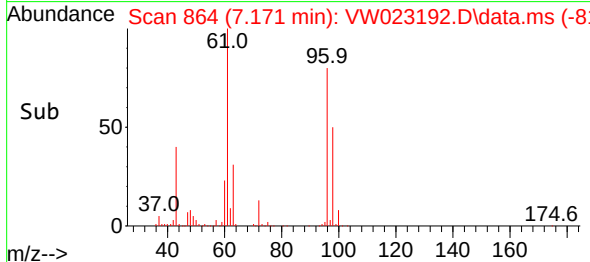
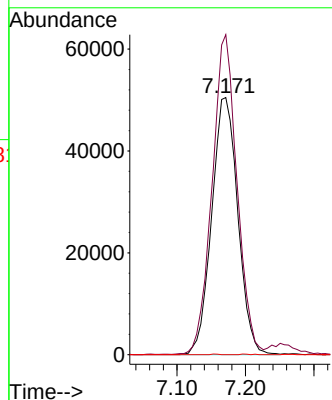
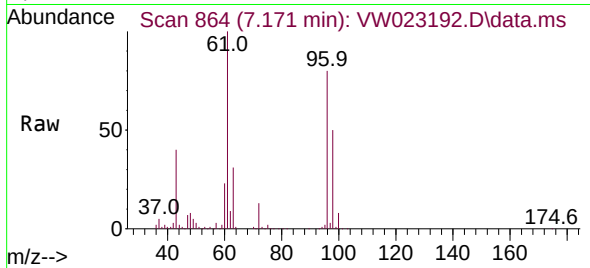




#20
 cis-1,2-Dichloroethene
 Concen: 21.155 ug/L
 RT: 7.171 min Scan# 864
 Delta R.T. 0.000 min
 Lab File: VW023192.D
 Acq: 20 May 2022 12:33

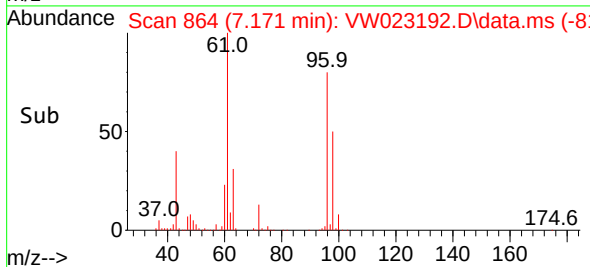
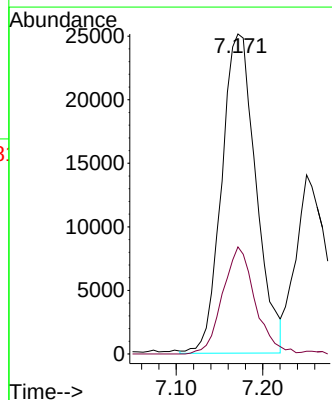
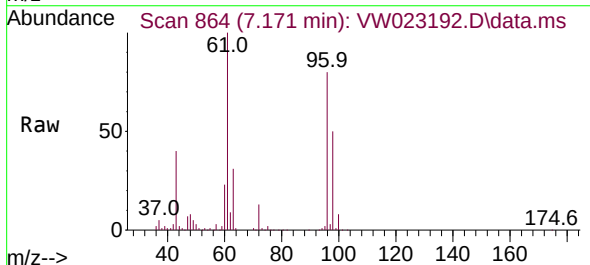
Instrument :
 MSVOA_W
 ClientSampleId :
 EXY11MS

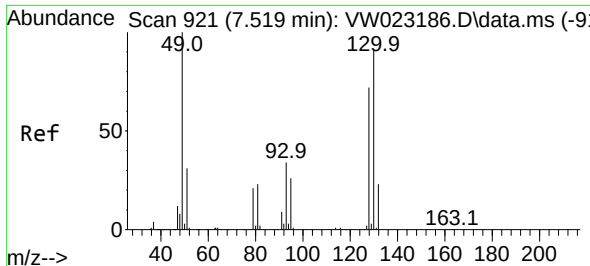
Tgt Ion: 96 Resp: 133647
 Ion Ratio Lower Upper
 96 100
 61 124.5 84.2 156.4
 68 0.0 0.1 0.1#



#22
 2-Butanone
 Concen: 41.492 ug/L
 RT: 7.171 min Scan# 864
 Delta R.T. 0.000 min
 Lab File: VW023192.D
 Acq: 20 May 2022 12:33

Tgt Ion: 43 Resp: 69157
 Ion Ratio Lower Upper
 43 100
 72 31.6 15.1 45.3

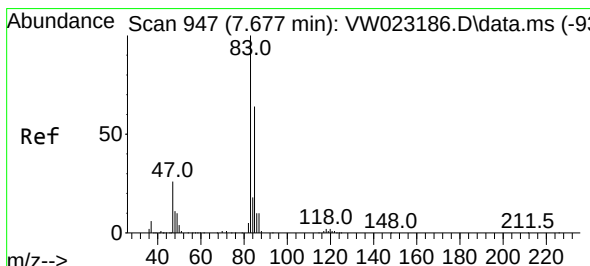
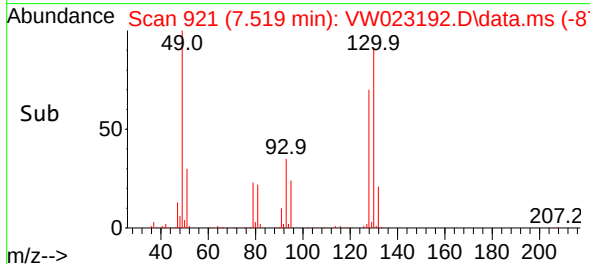
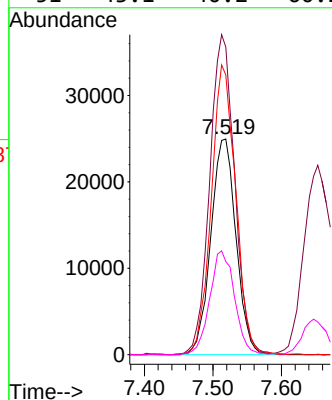
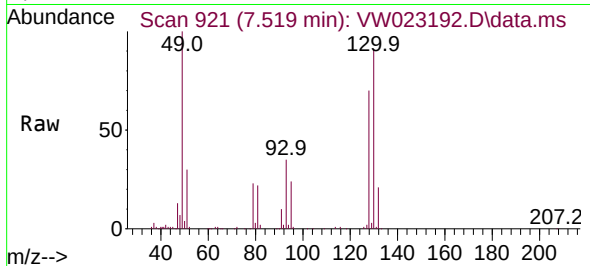




#23
Bromochloromethane
Concen: 21.563 ug/L
RT: 7.519 min Scan# 91
Delta R.T. 0.000 min
Lab File: VW023192.D
Acq: 20 May 2022 12:33

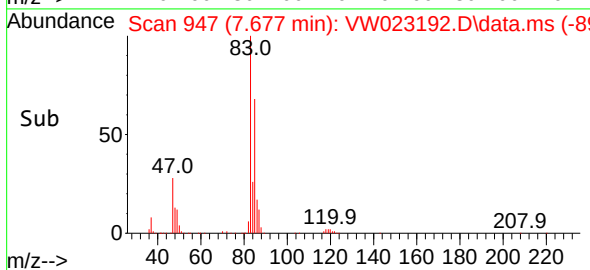
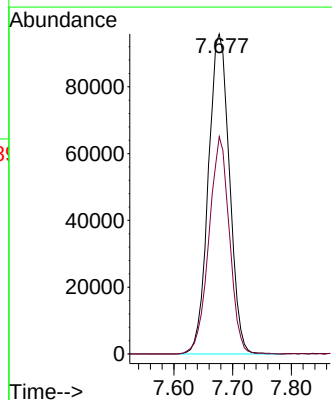
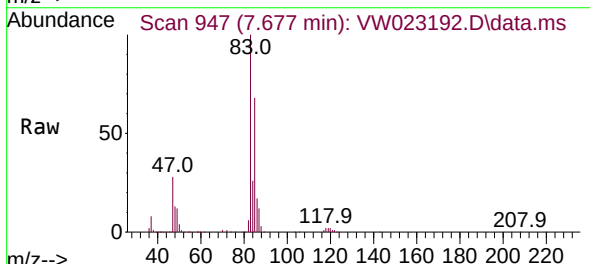
Instrument :
MSVOA_W
ClientSampleId :
EXY11MS

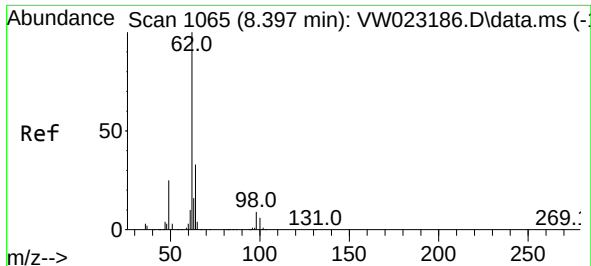
Tgt Ion:128 Resp: 63797
Ion Ratio Lower Upper
128 100
49 142.7 110.0 204.4
130 129.7 94.8 176.0
51 43.1 40.2 60.2



#25
Chloroform
Concen: 21.649 ug/L
RT: 7.677 min Scan# 947
Delta R.T. 0.000 min
Lab File: VW023192.D
Acq: 20 May 2022 12:33

Tgt Ion: 83 Resp: 238632
Ion Ratio Lower Upper
83 100
85 67.9 46.6 86.6





#27

1,2-Dichloroethane

Concen: 20.861 ug/L

RT: 8.403 min Scan# 1066

Delta R.T. 0.006 min

Lab File: VW023192.D

Acq: 20 May 2022 12:33

Instrument :

MSVOA_W

ClientSampleId :

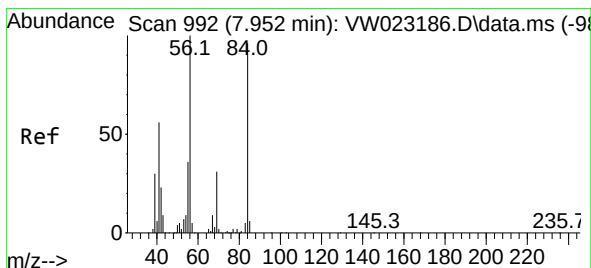
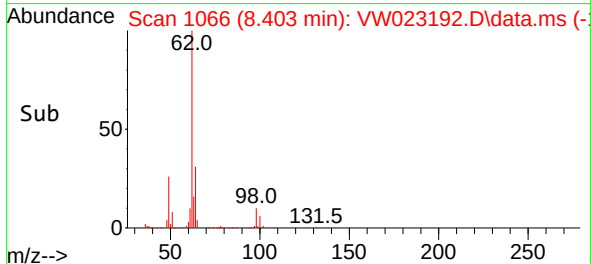
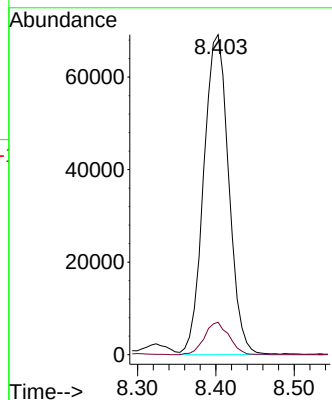
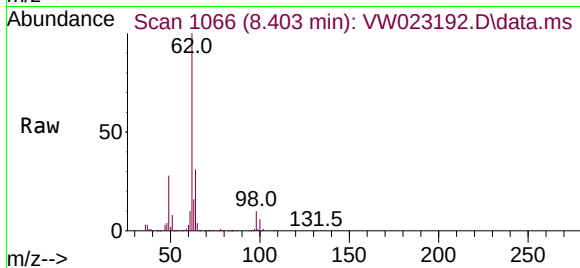
EXY11MS

Tgt Ion: 62 Resp: 153280

Ion Ratio Lower Upper

62 100

98 10.2 7.2 10.8



#29

Cyclohexane

Concen: 21.905 ug/L

RT: 7.958 min Scan# 993

Delta R.T. 0.006 min

Lab File: VW023192.D

Acq: 20 May 2022 12:33

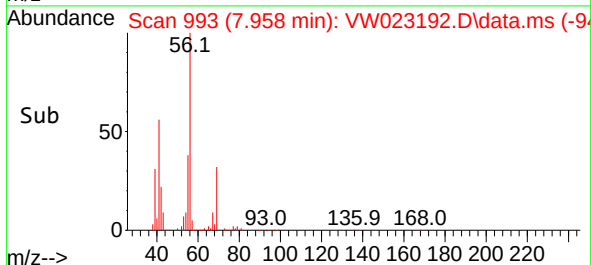
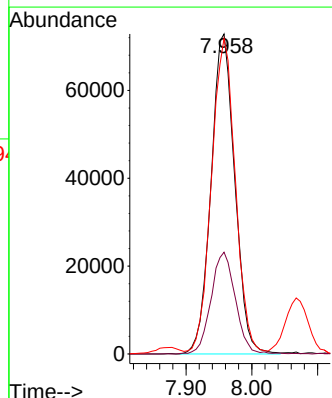
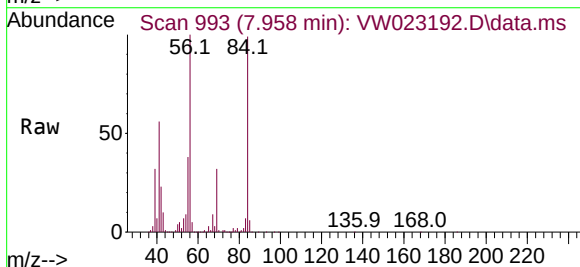
Tgt Ion: 56 Resp: 183228

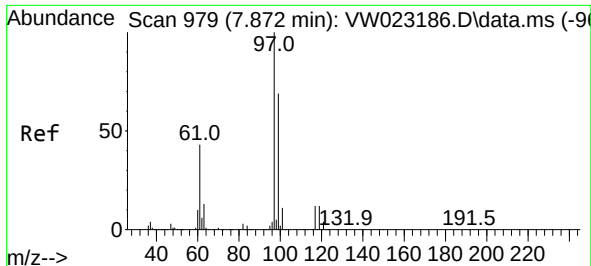
Ion Ratio Lower Upper

56 100

69 32.3 25.6 38.4

84 99.5 78.2 117.4

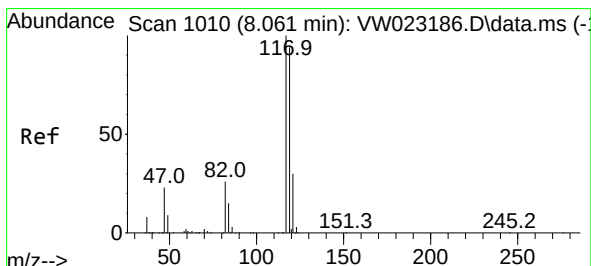
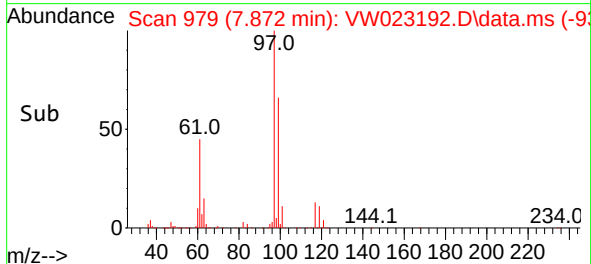
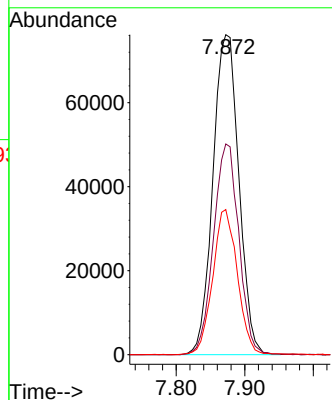
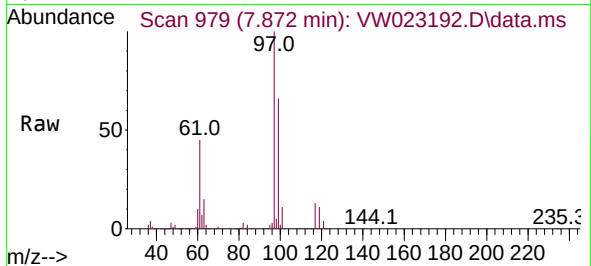




#30
1,1,1-Trichloroethane
Concen: 21.873 ug/L
RT: 7.872 min Scan# 91
Delta R.T. 0.000 min
Lab File: VW023192.D
Acq: 20 May 2022 12:33

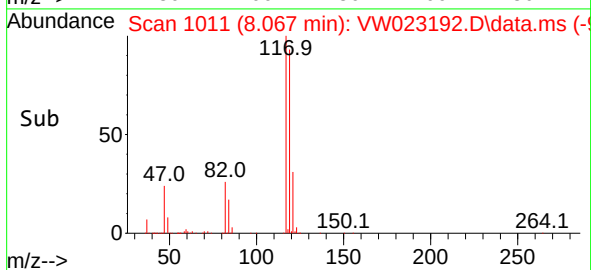
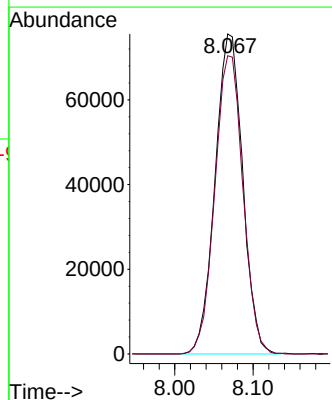
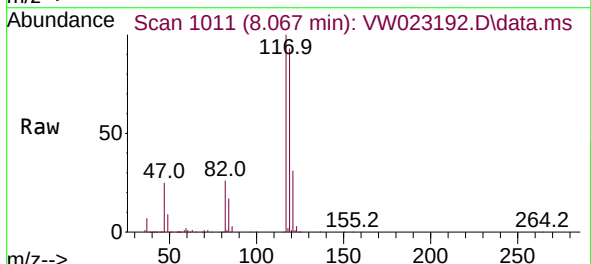
Instrument :
MSVOA_W
ClientSampleId :
EXY11MS

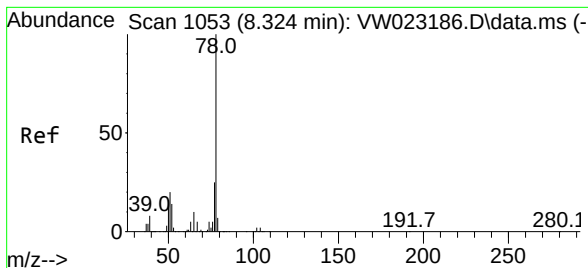
Tgt Ion: 97 Resp: 199923
Ion Ratio Lower Upper
97 100
99 64.4 51.0 76.4
61 43.2 34.8 52.2



#31
Carbon tetrachloride
Concen: 21.639 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. 0.006 min
Lab File: VW023192.D
Acq: 20 May 2022 12:33

Tgt Ion: 117 Resp: 185008
Ion Ratio Lower Upper
117 100
119 95.0 76.6 115.0





#33

Benzene

Concen: 22.422 ug/L

RT: 8.324 min Scan# 1053

Delta R.T. 0.000 min

Lab File: VW023192.D

Acq: 20 May 2022 12:33

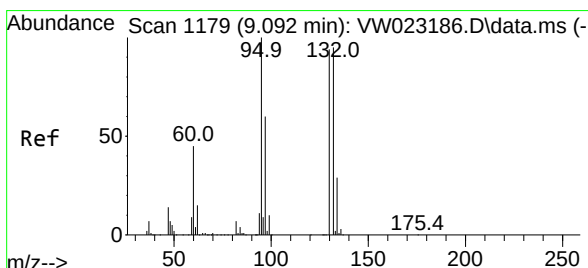
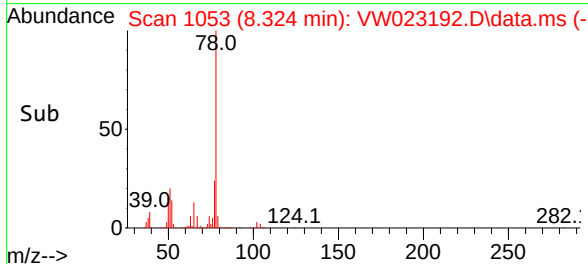
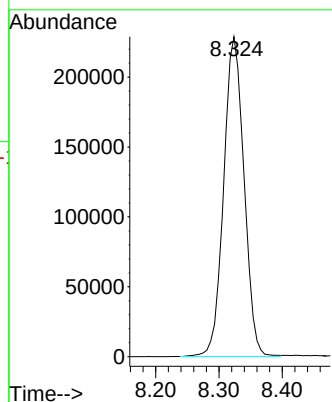
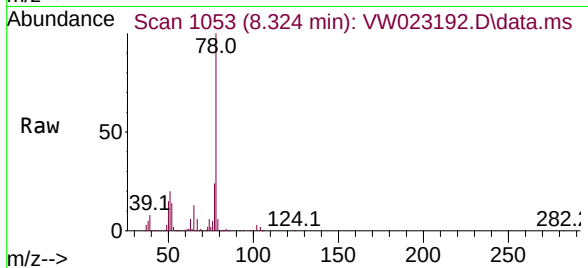
Instrument :

MSVOA_W

ClientSampleId :

EXY11MS

Tgt Ion: 78 Resp: 510879



#34

Trichloroethene

Concen: 21.783 ug/L

RT: 9.092 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VW023192.D

Acq: 20 May 2022 12:33

Tgt Ion: 95 Resp: 136493

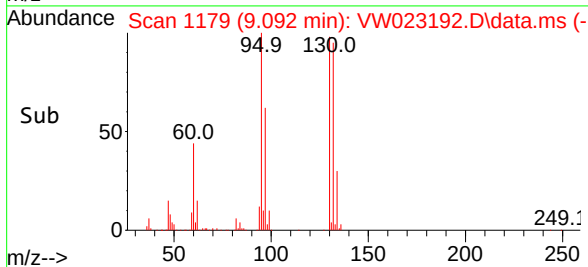
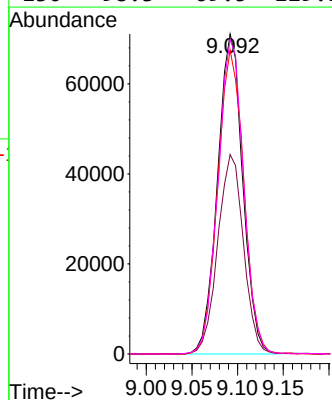
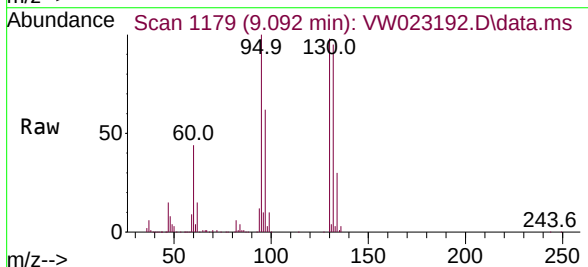
Ion Ratio Lower Upper

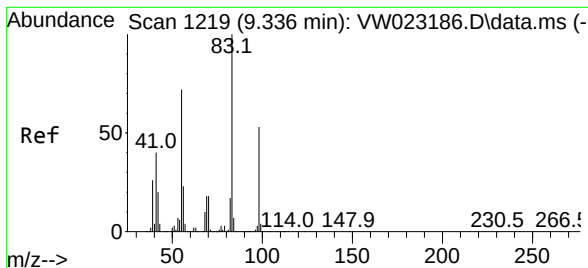
95 100

97 62.3 46.1 85.7

132 95.0 66.9 124.3

130 98.3 69.5 129.1

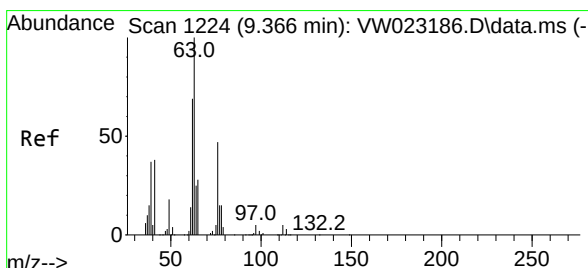
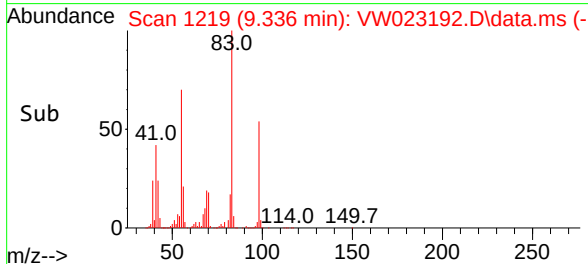
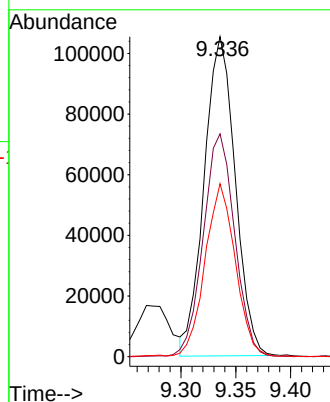
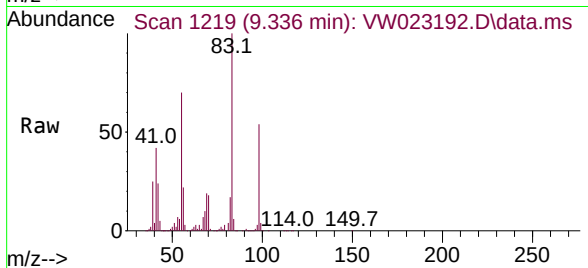




#35
Methylcyclohexane
Concen: 20.136 ug/L
RT: 9.336 min Scan# 1219
Delta R.T. 0.000 min
Lab File: VW023192.D
Acq: 20 May 2022 12:33

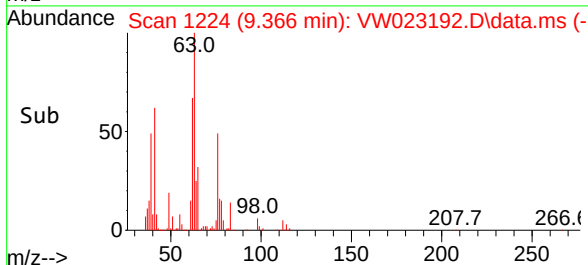
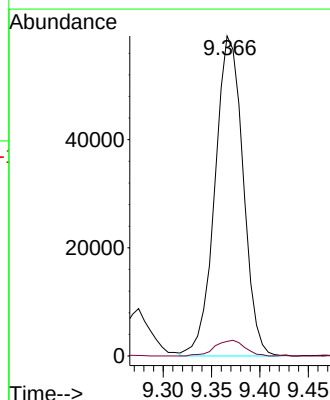
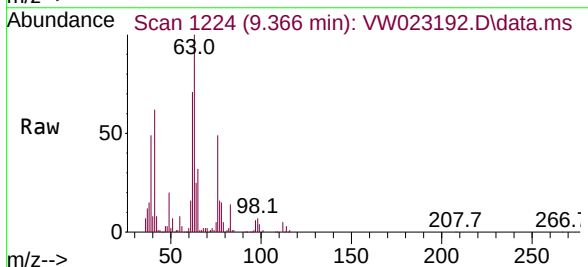
Instrument :
MSVOA_W
ClientSampleId :
EXY11MS

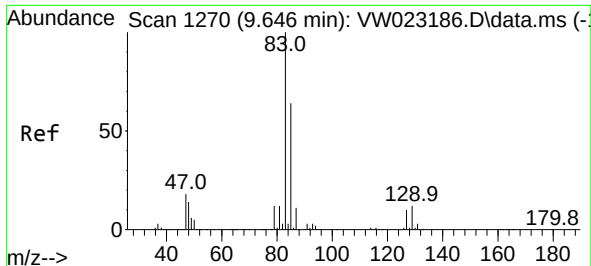
Tgt Ion: 83 Resp: 207277
Ion Ratio Lower Upper
83 100
55 71.0 55.1 82.7
98 53.0 40.4 60.6



#37
1,2-Dichloropropane
Concen: 21.723 ug/L
RT: 9.366 min Scan# 1224
Delta R.T. 0.000 min
Lab File: VW023192.D
Acq: 20 May 2022 12:33

Tgt Ion: 63 Resp: 119776
Ion Ratio Lower Upper
63 100
112 5.2 3.8 5.8

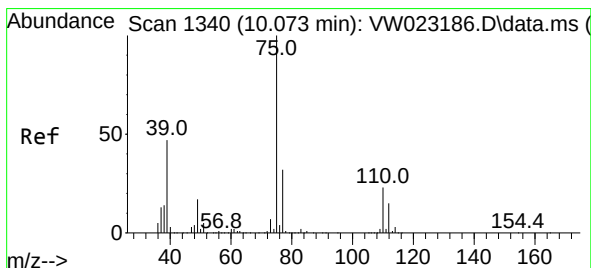
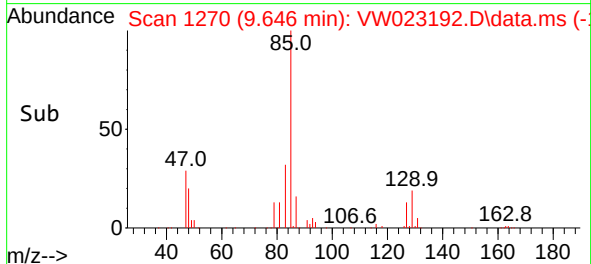
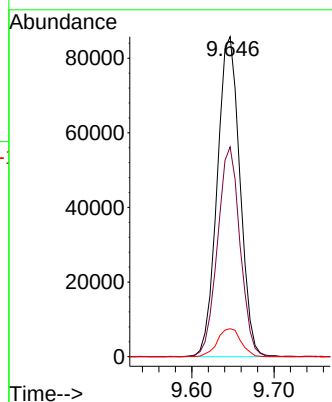
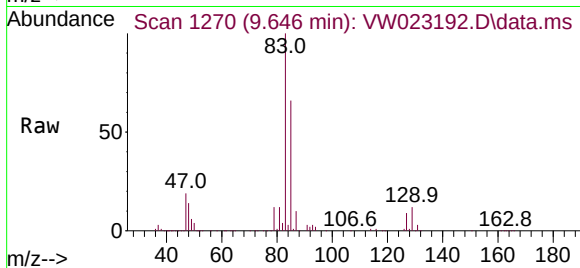




#38
Bromodichloromethane
Concen: 21.046 ug/L
RT: 9.646 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW023192.D
Acq: 20 May 2022 12:33

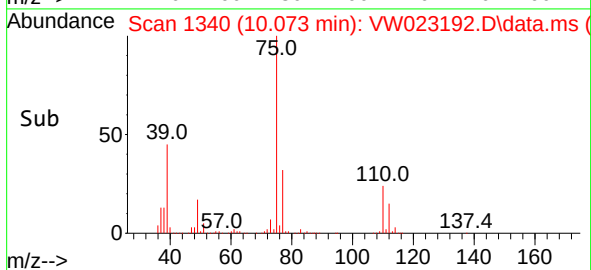
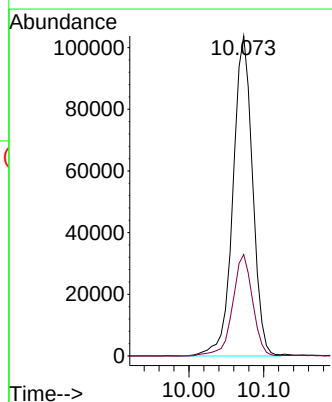
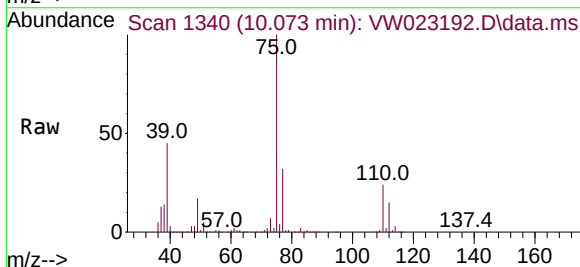
Instrument :
MSVOA_W
ClientSampleId :
EXY11MS

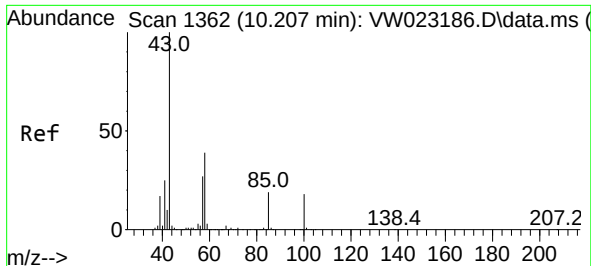
Tgt Ion: 83 Resp: 164824
Ion Ratio Lower Upper
83 100
85 65.5 43.5 80.7
127 8.8 7.1 10.7



#39
cis-1,3-Dichloropropene
Concen: 22.095 ug/L
RT: 10.073 min Scan# 1340
Delta R.T. 0.000 min
Lab File: VW023192.D
Acq: 20 May 2022 12:33

Tgt Ion: 75 Resp: 188900
Ion Ratio Lower Upper
75 100
77 31.7 22.1 41.1





#40

4-Methyl-2-pentanone

Concen: 40.794 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. 0.000 min

Lab File: VW023192.D

Acq: 20 May 2022 12:33

Instrument :

MSVOA_W

ClientSampleId :

EXY11MS

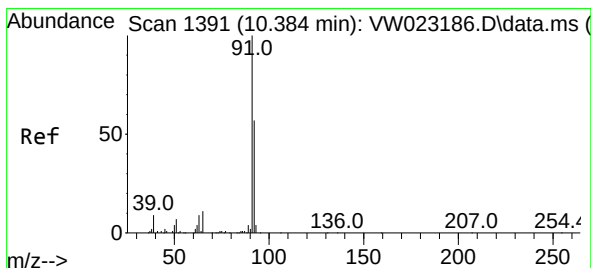
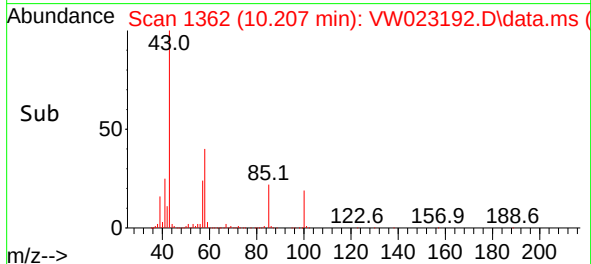
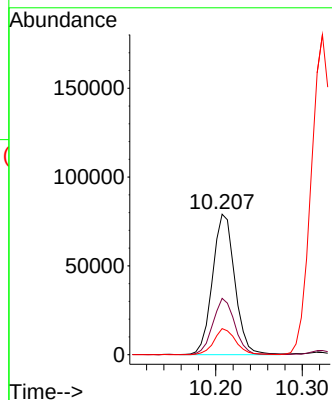
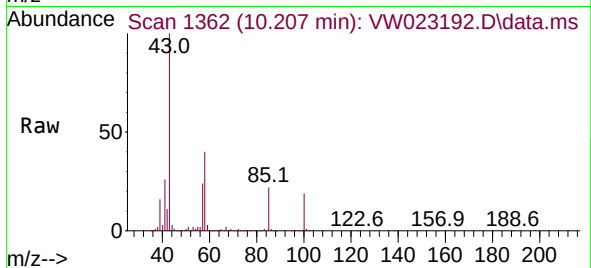
Tgt Ion: 43 Resp: 141772

Ion Ratio Lower Upper

43 100

58 39.2 31.4 47.2

100 18.1 14.2 21.4



#42

Toluene

Concen: 22.371 ug/L

RT: 10.390 min Scan# 1392

Delta R.T. 0.006 min

Lab File: VW023192.D

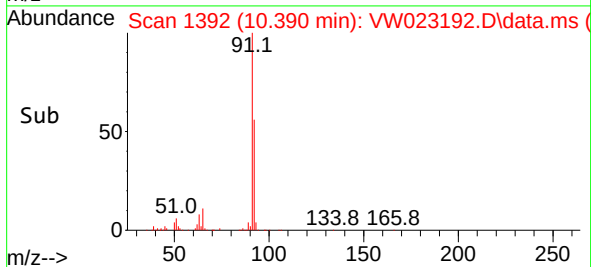
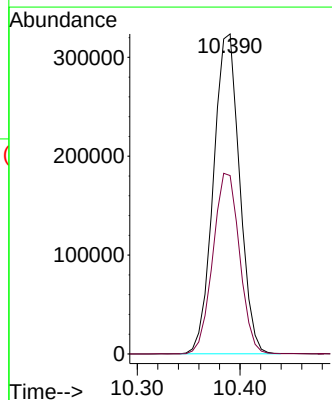
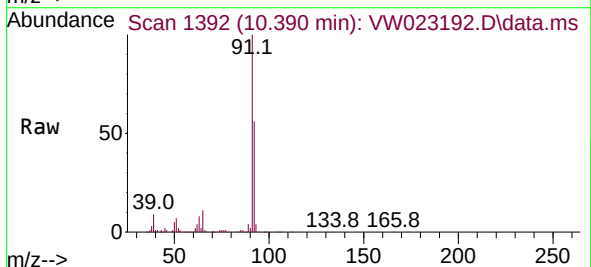
Acq: 20 May 2022 12:33

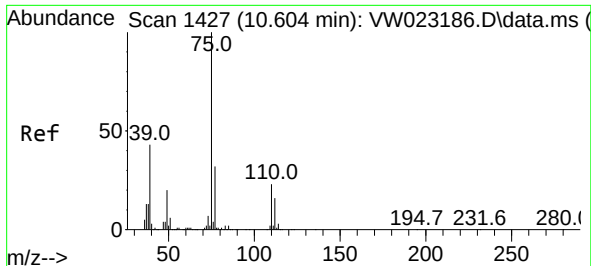
Tgt Ion: 91 Resp: 571230

Ion Ratio Lower Upper

91 100

92 55.8 41.6 77.2

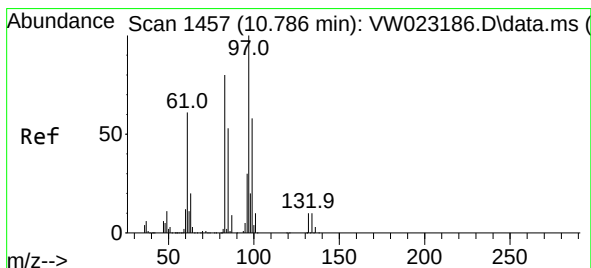
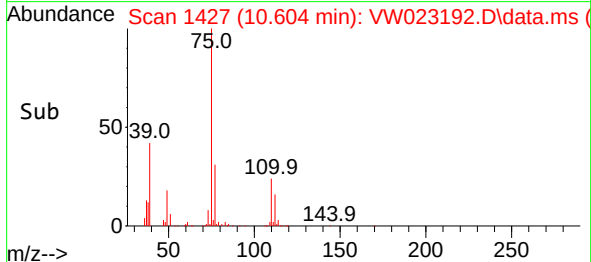
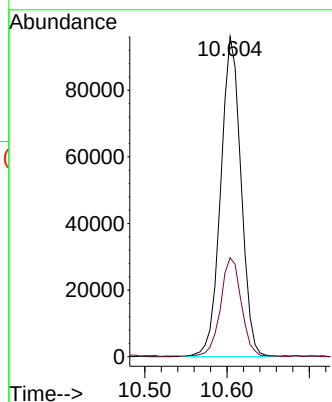
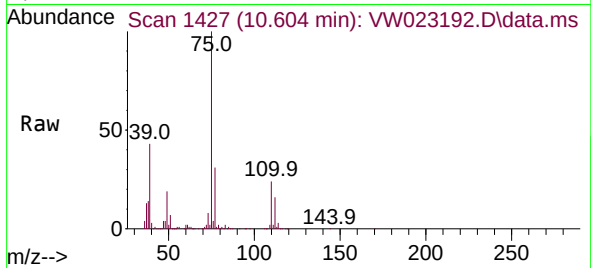




#44
trans-1,3-Dichloropropene
Concen: 21.556 ug/L
RT: 10.604 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VW023192.D
Acq: 20 May 2022 12:33

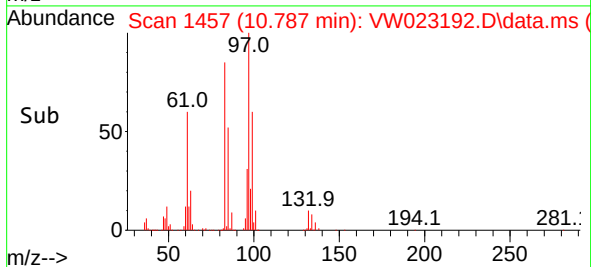
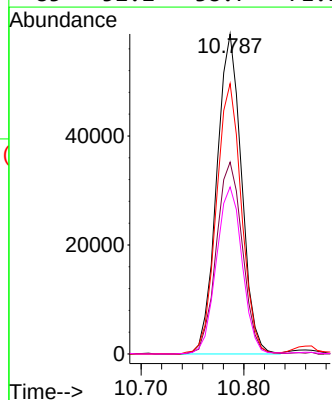
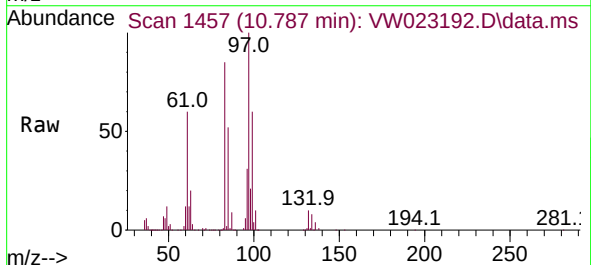
Instrument :
MSVOA_W
ClientSampleId :
EXY11MS

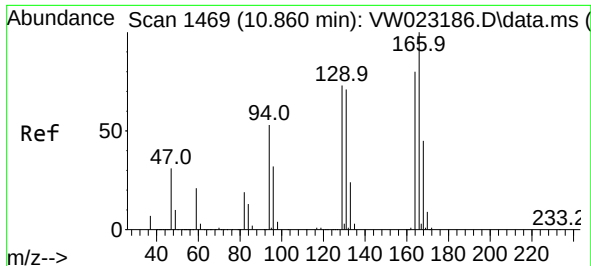
Tgt Ion: 75 Resp: 164496
Ion Ratio Lower Upper
75 100
77 30.9 22.0 40.8



#45
1,1,2-Trichloroethane
Concen: 21.319 ug/L
RT: 10.787 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VW023192.D
Acq: 20 May 2022 12:33

Tgt Ion: 97 Resp: 98268
Ion Ratio Lower Upper
97 100
99 60.0 44.7 82.9
83 84.5 58.4 108.4
85 52.2 38.7 71.9



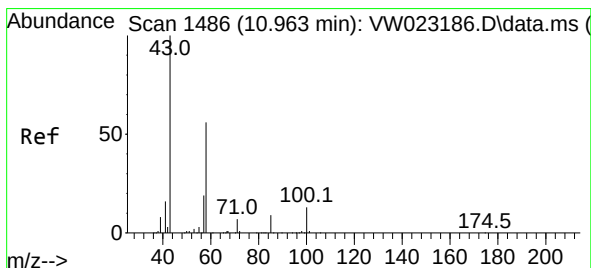
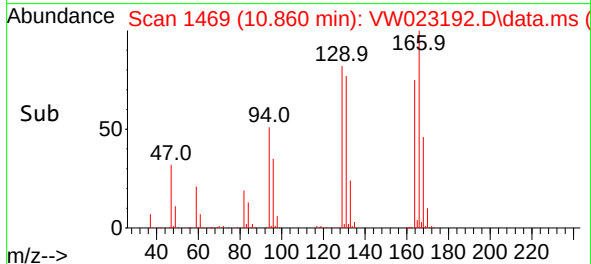
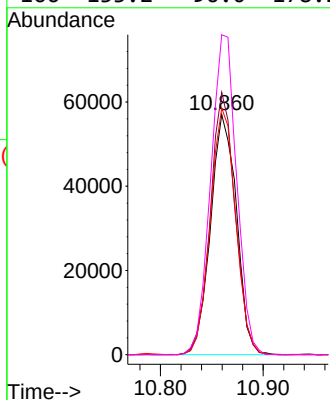
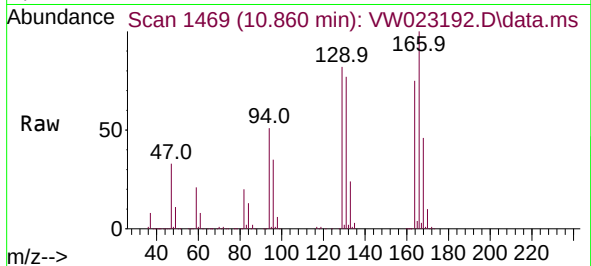


#46
Tetrachloroethene
Concen: 21.204 ug/L
RT: 10.860 min Scan# 1469
Delta R.T. 0.000 min
Lab File: VW023192.D
Acq: 20 May 2022 12:33

Instrument :
MSVOA_W
ClientSampleId :
EXY11MS

Tgt Ion:164 Resp: 99849

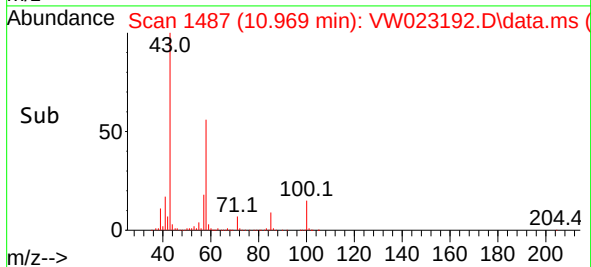
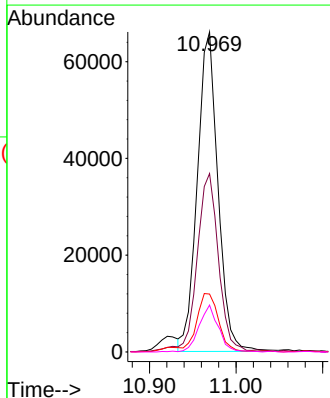
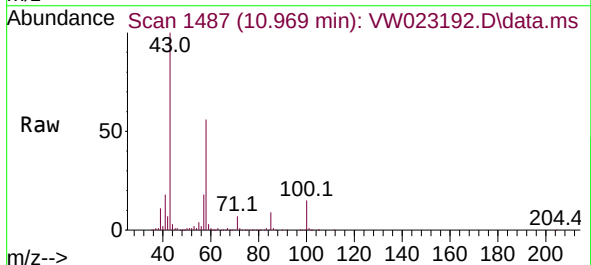
Ion	Ratio	Lower	Upper
164	100		
129	109.2	76.9	142.7
131	102.7	75.1	139.5
166	133.2	96.0	178.2

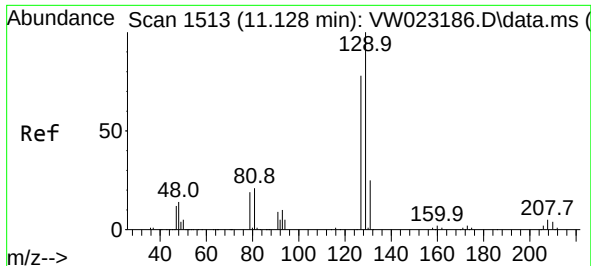


#48
2-Hexanone
Concen: 47.162 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. 0.006 min
Lab File: VW023192.D
Acq: 20 May 2022 12:33

Tgt Ion: 43 Resp: 109514

Ion	Ratio	Lower	Upper
43	100		
58	56.5	45.9	68.9
57	18.6	16.2	24.2
100	13.7	10.7	16.1

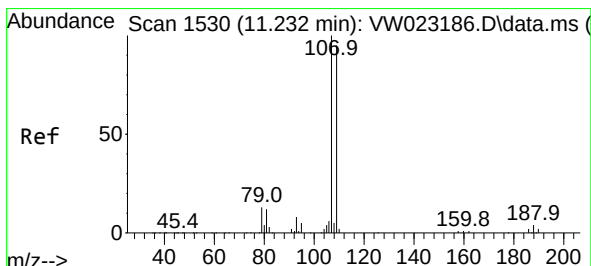
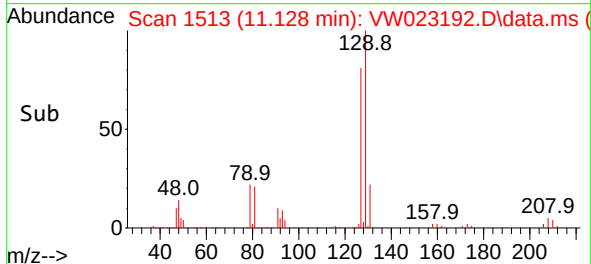
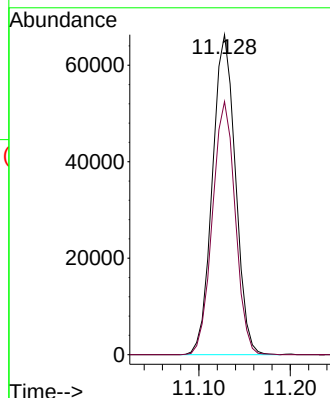
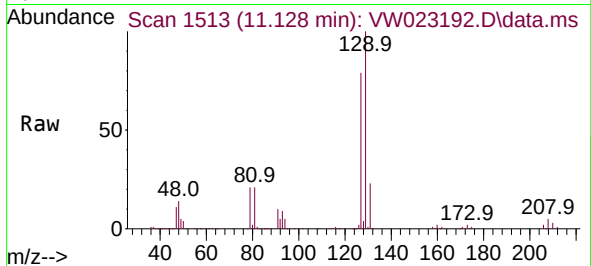




#49
Dibromochloromethane
Concen: 20.915 ug/L
RT: 11.128 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW023192.D
Acq: 20 May 2022 12:33

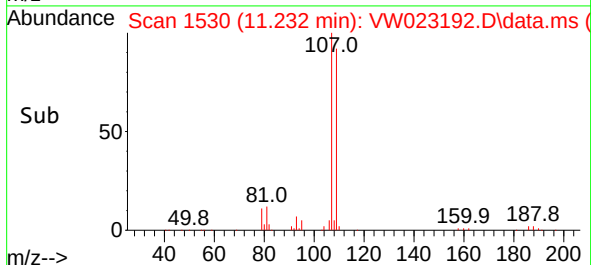
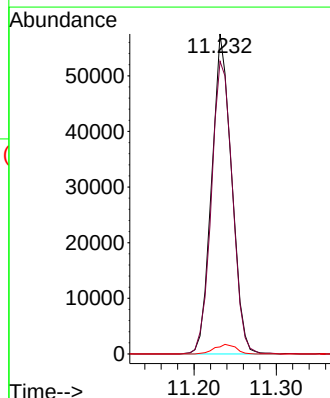
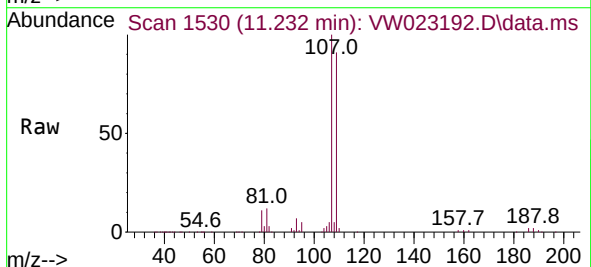
Instrument :
MSVOA_W
ClientSampleId :
EXY11MS

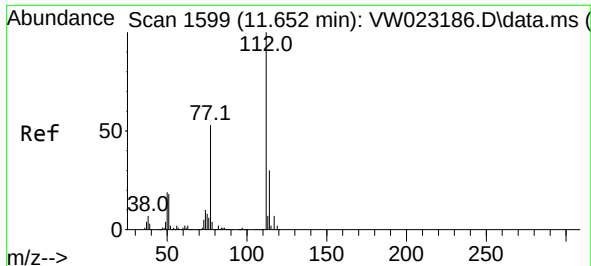
Tgt Ion:129 Resp: 116028
Ion Ratio Lower Upper
129 100
127 79.1 53.8 100.0



#50
1,2-Dibromoethane
Concen: 20.959 ug/L
RT: 11.232 min Scan# 1530
Delta R.T. 0.000 min
Lab File: VW023192.D
Acq: 20 May 2022 12:33

Tgt Ion:107 Resp: 97004
Ion Ratio Lower Upper
107 100
109 91.5 67.5 125.4
188 2.2 2.9 4.3#

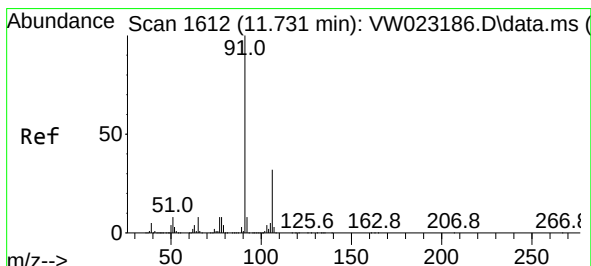
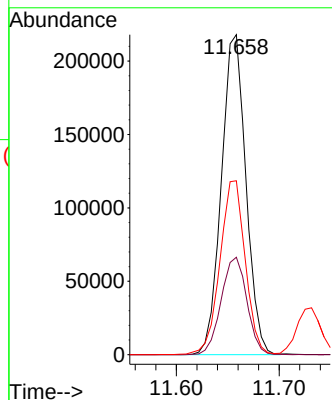
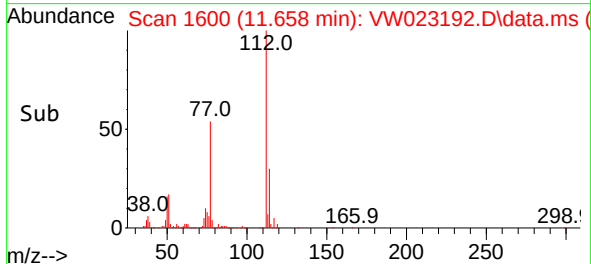
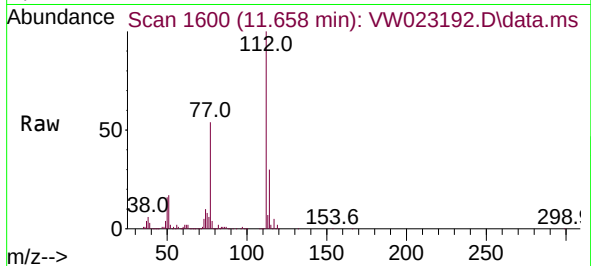




#51
Chlorobenzene
Concen: 21.483 ug/L
RT: 11.658 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW023192.D
Acq: 20 May 2022 12:33

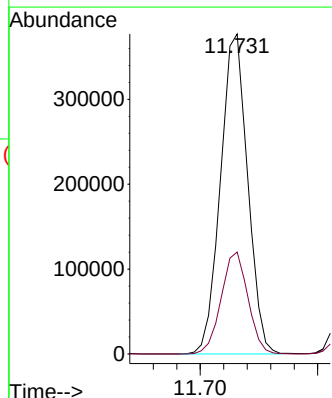
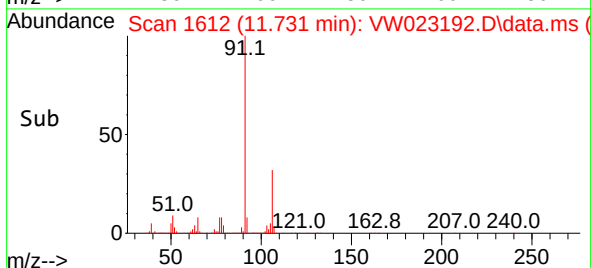
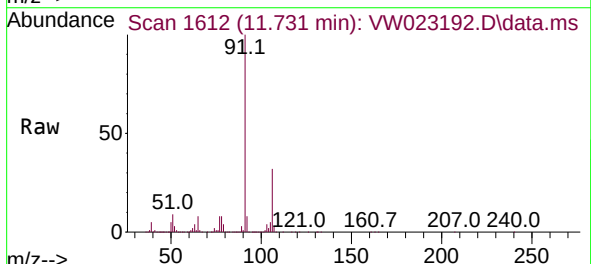
Instrument :
MSVOA_W
ClientSampleId :
EXY11MS

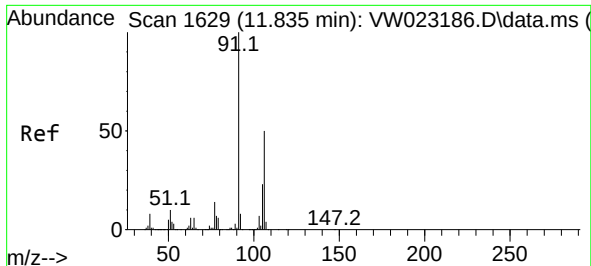
Tgt Ion:112 Resp: 361649
Ion Ratio Lower Upper
112 100
114 30.4 22.0 41.0
77 54.4 42.6 63.8



#52
Ethylbenzene
Concen: 21.322 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VW023192.D
Acq: 20 May 2022 12:33

Tgt Ion: 91 Resp: 605701
Ion Ratio Lower Upper
91 100
106 31.8 22.3 41.3

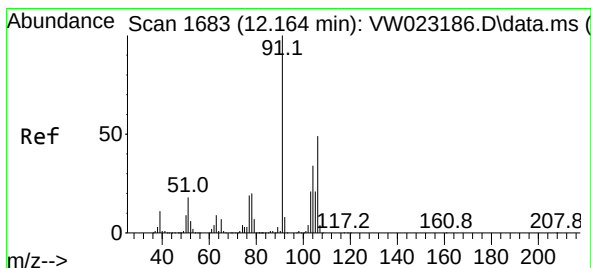
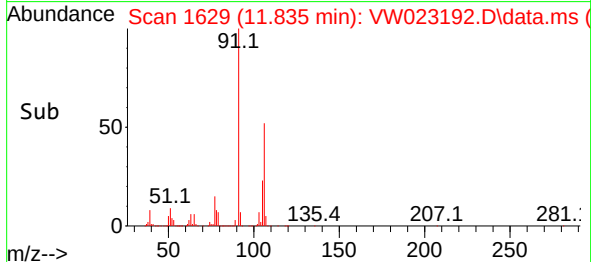
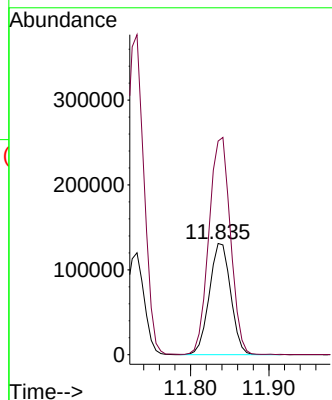
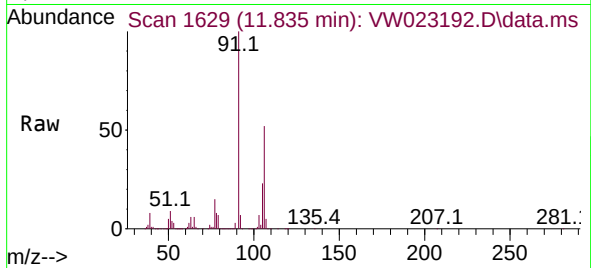




#53
m,p-Xylene
Concen: 22.123 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VW023192.D
Acq: 20 May 2022 12:33

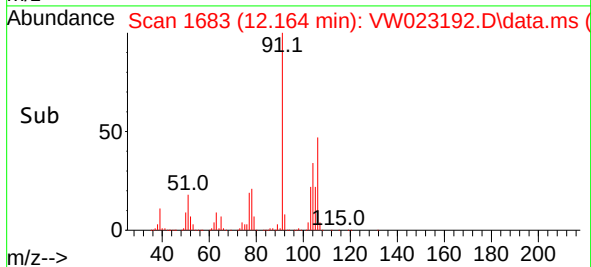
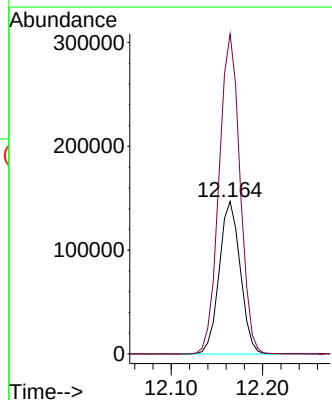
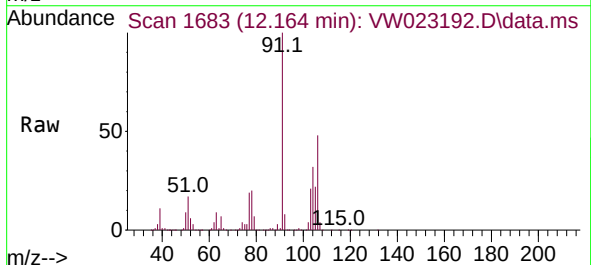
Instrument :
MSVOA_W
ClientSampleId :
EXY11MS

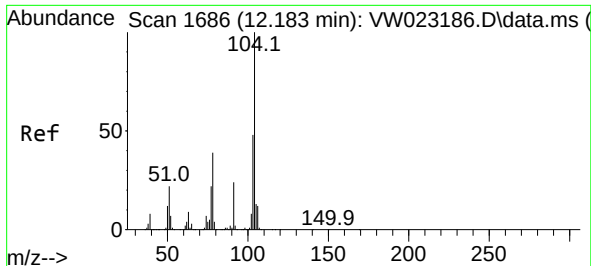
Tgt Ion:106 Resp: 247624
Ion Ratio Lower Upper
106 100
91 192.2 136.8 254.0



#54
o-Xylene
Concen: 21.887 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VW023192.D
Acq: 20 May 2022 12:33

Tgt Ion:106 Resp: 235090
Ion Ratio Lower Upper
106 100
91 209.9 147.2 273.4

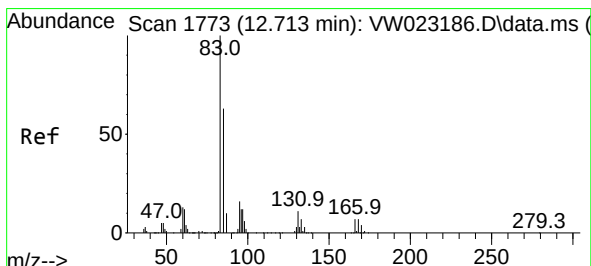
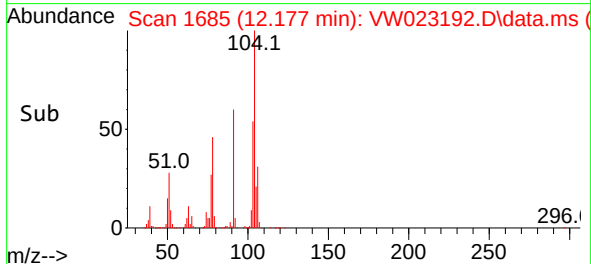
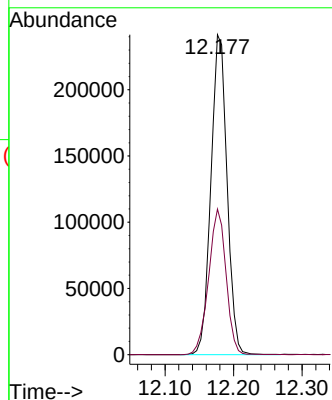
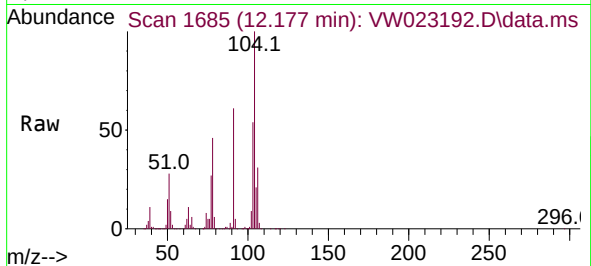




#55
Styrene
Concen: 21.707 ug/L
RT: 12.177 min Scan# 1685
Delta R.T. -0.006 min
Lab File: VW023192.D
Acq: 20 May 2022 12:33

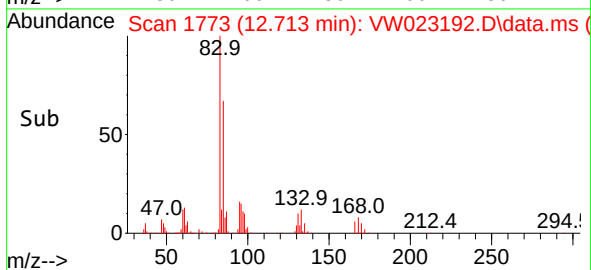
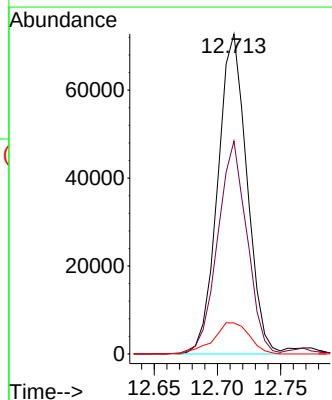
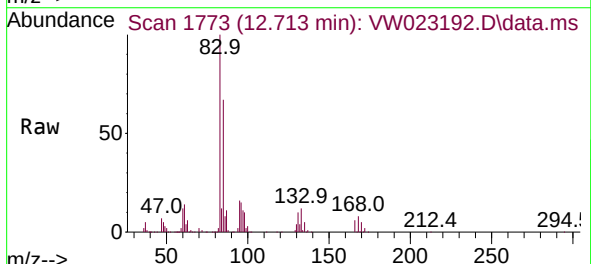
Instrument :
MSVOA_W
ClientSampleId :
EXY11MS

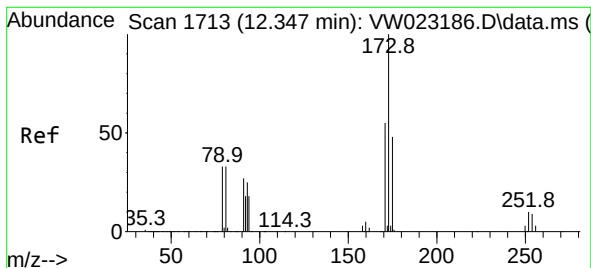
Tgt Ion:104 Resp: 396194
Ion Ratio Lower Upper
104 100
78 45.5 32.3 59.9



#57
1,1,2,2-Tetrachloroethane
Concen: 20.243 ug/L
RT: 12.713 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VW023192.D
Acq: 20 May 2022 12:33

Tgt Ion: 83 Resp: 116545
Ion Ratio Lower Upper
83 100
85 66.6 47.5 88.1
131 9.7 8.7 13.1





#59

Bromoform

Concen: 20.505 ug/L

RT: 12.347 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW023192.D

Acq: 20 May 2022 12:33

Instrument :

MSVOA_W

ClientSampleId :

EXY11MS

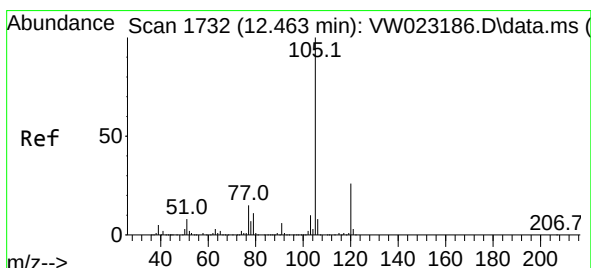
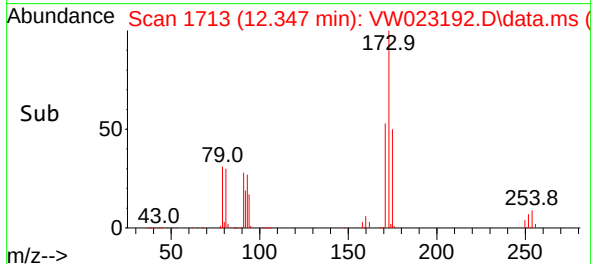
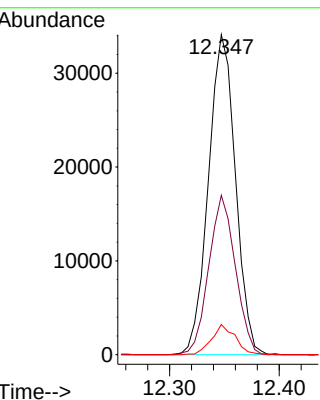
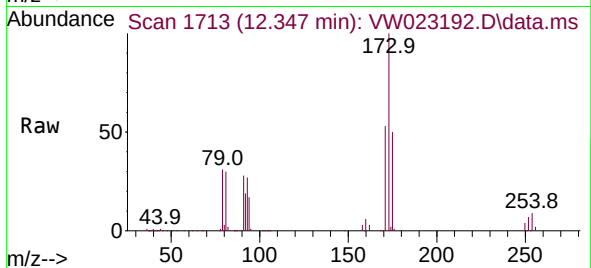
Tgt Ion:173 Resp: 58424

Ion Ratio Lower Upper

173 100

175 49.0 38.1 57.1

254 8.3 6.5 9.7



#60

Isopropylbenzene

Concen: 22.828 ug/L

RT: 12.463 min Scan# 1732

Delta R.T. 0.000 min

Lab File: VW023192.D

Acq: 20 May 2022 12:33

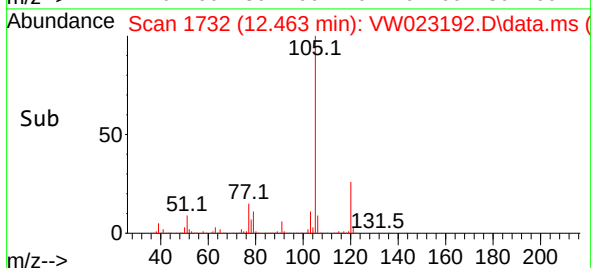
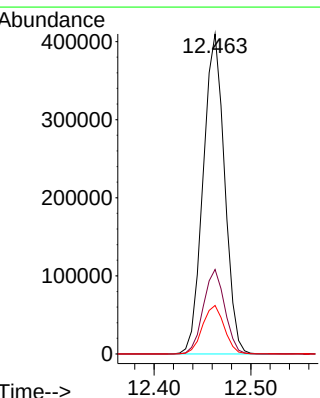
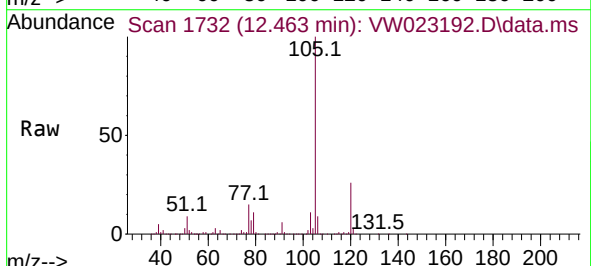
Tgt Ion:105 Resp: 628746

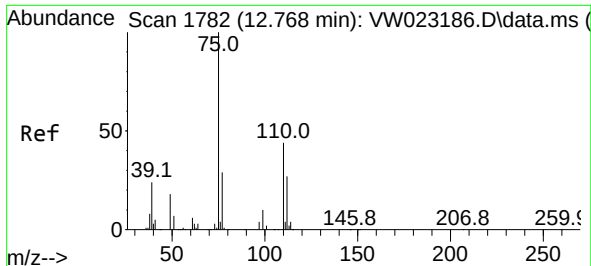
Ion Ratio Lower Upper

105 100

120 26.4 21.3 31.9

77 15.4 12.6 19.0





#61

1,2,3-Trichloropropane

Concen: 20.995 ug/L

RT: 12.768 min Scan# 1782

Delta R.T. 0.000 min

Lab File: VW023192.D

Acq: 20 May 2022 12:33

Instrument :

MSVOA_W

ClientSampleId :

EXY11MS

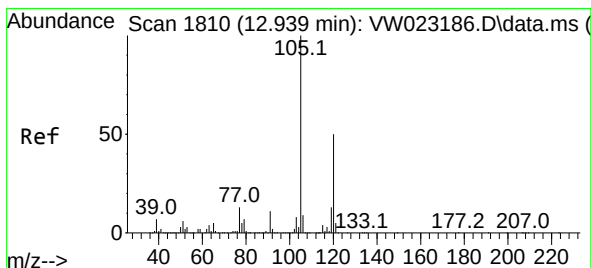
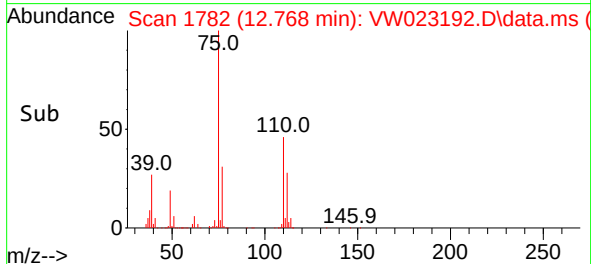
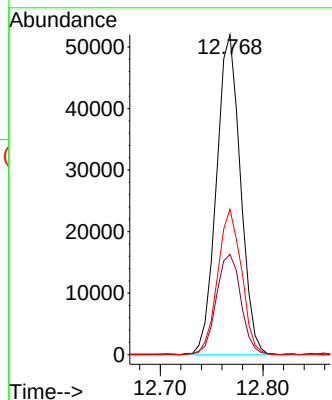
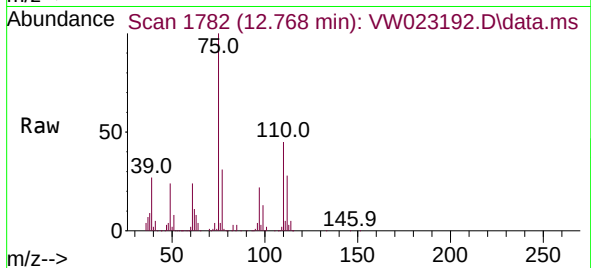
Tgt Ion: 75 Resp: 84340

Ion Ratio Lower Upper

75 100

77 32.2 26.2 39.2

110 45.1 34.1 51.1



#62

1,3,5-Trimethylbenzene

Concen: 20.982 ug/L

RT: 12.939 min Scan# 1810

Delta R.T. 0.000 min

Lab File: VW023192.D

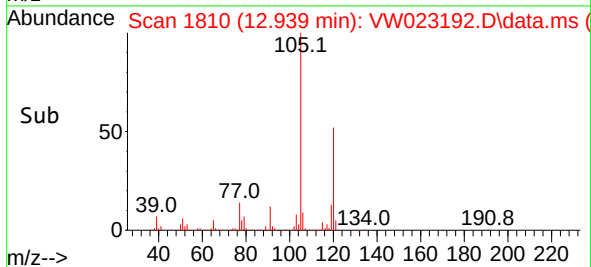
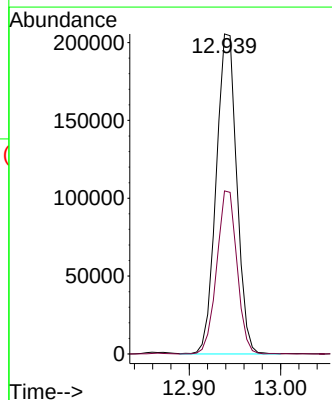
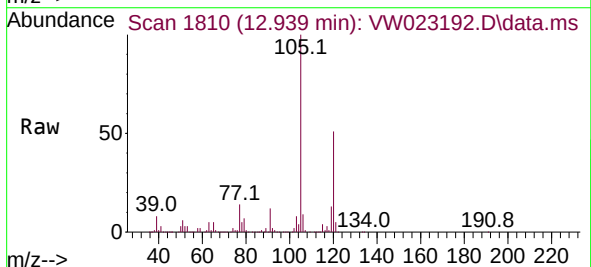
Acq: 20 May 2022 12:33

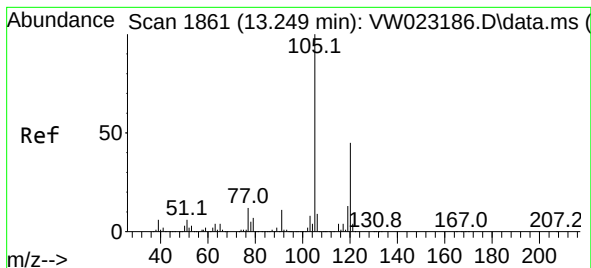
Tgt Ion: 105 Resp: 321520

Ion Ratio Lower Upper

105 100

120 50.1 38.9 58.3





#63

1,2,4-Trimethylbenzene

Concen: 22.004 ug/L

RT: 13.249 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW023192.D

Acq: 20 May 2022 12:33

Instrument :

MSVOA_W

ClientSampleId :

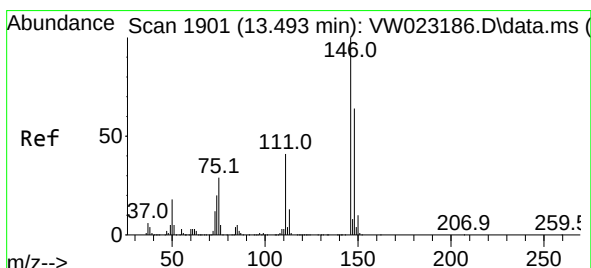
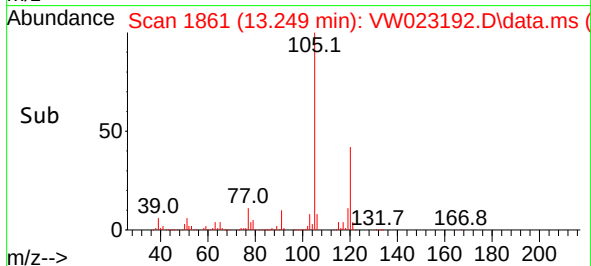
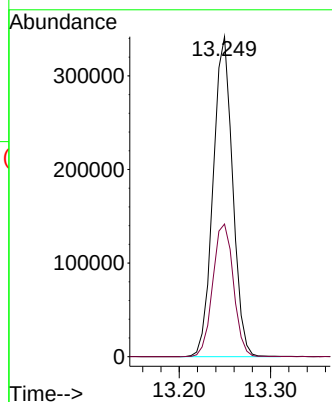
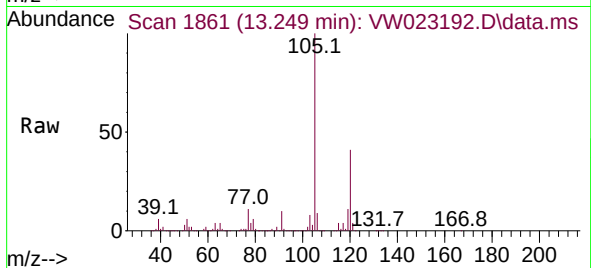
EXY11MS

Tgt Ion:105 Resp: 506280

Ion Ratio Lower Upper

105 100

120 43.9 37.4 56.2



#64

1,3-Dichlorobenzene

Concen: 20.629 ug/L

RT: 13.499 min Scan# 1902

Delta R.T. 0.006 min

Lab File: VW023192.D

Acq: 20 May 2022 12:33

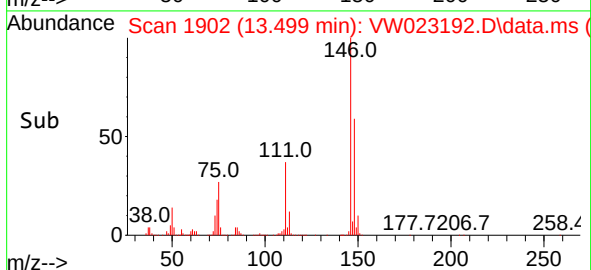
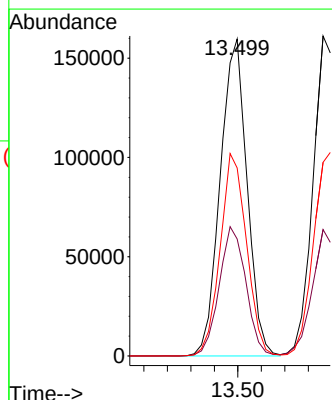
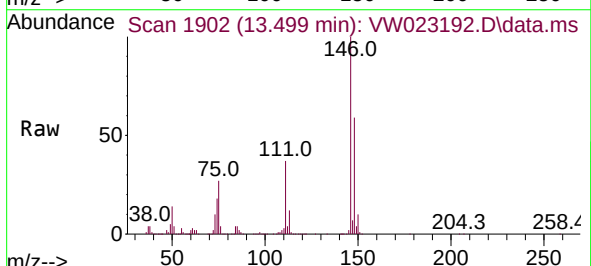
Tgt Ion:146 Resp: 253684

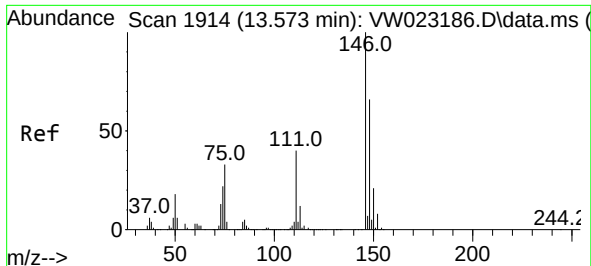
Ion Ratio Lower Upper

146 100

111 36.9 29.5 54.9

148 59.3 48.6 90.2

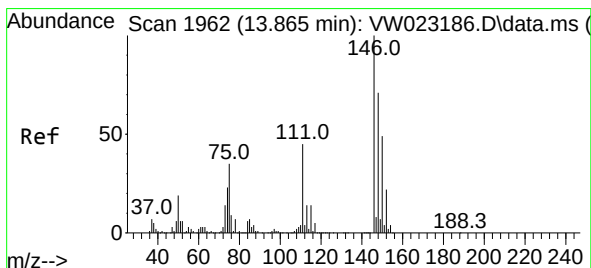
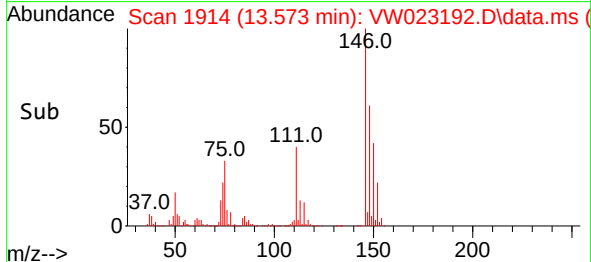
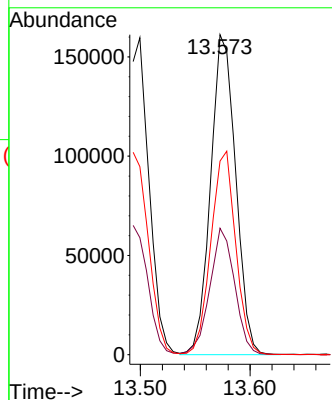
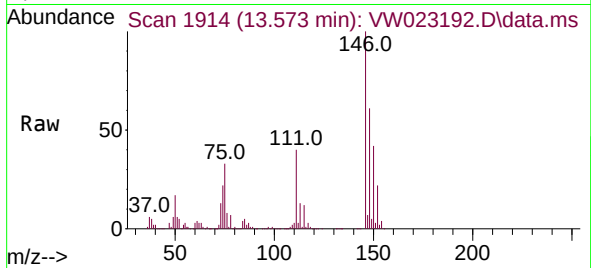




#65
1,4-Dichlorobenzene
Concen: 20.215 ug/L
RT: 13.573 min Scan# 1914
Delta R.T. 0.000 min
Lab File: VW023192.D
Acq: 20 May 2022 12:33

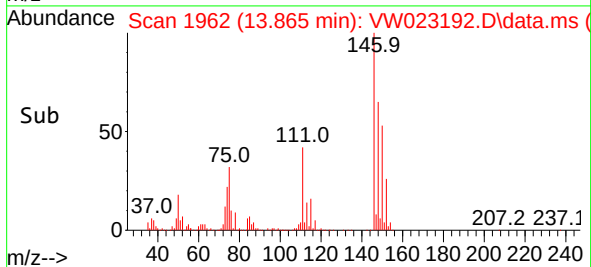
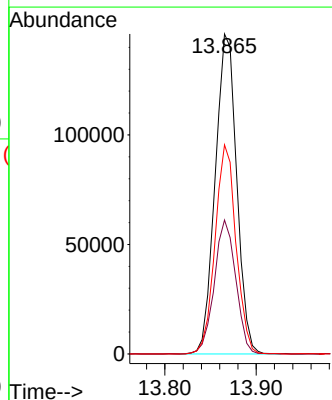
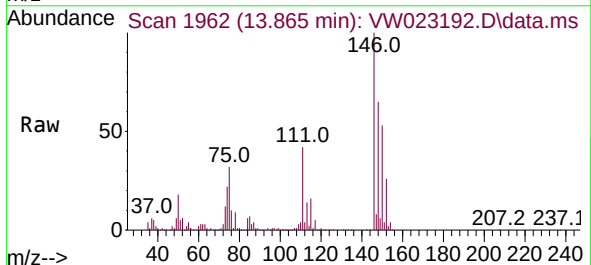
Instrument :
MSVOA_W
ClientSampleId :
EXY11MS

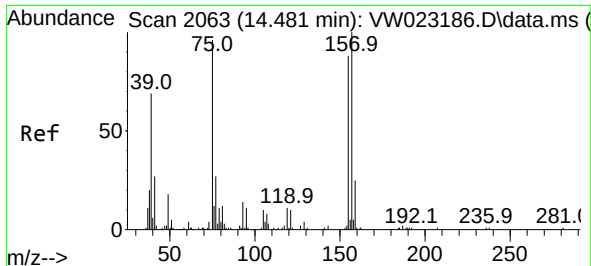
Tgt Ion:146 Resp: 256772
Ion Ratio Lower Upper
146 100
111 39.5 27.2 50.4
148 60.5 44.0 81.6



#67
1,2-Dichlorobenzene
Concen: 21.247 ug/L
RT: 13.865 min Scan# 1962
Delta R.T. 0.000 min
Lab File: VW023192.D
Acq: 20 May 2022 12:33

Tgt Ion:146 Resp: 239091
Ion Ratio Lower Upper
146 100
111 41.9 35.7 53.5
148 65.4 52.6 79.0





#68

1,2-Dibromo-3-chloropropane

Concen: 19.451 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. 0.000 min

Lab File: VW023192.D

Acq: 20 May 2022 12:33

Instrument :

MSVOA_W

ClientSampleId :

EXY11MS

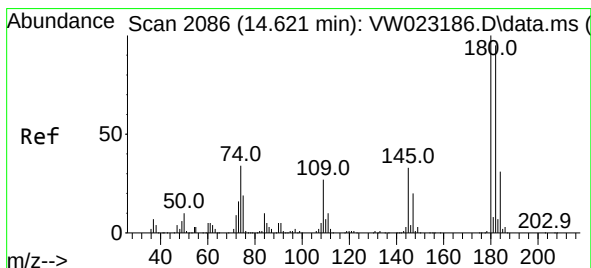
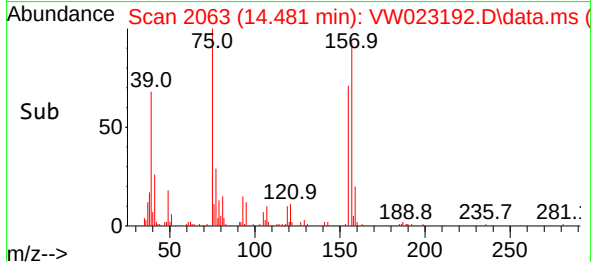
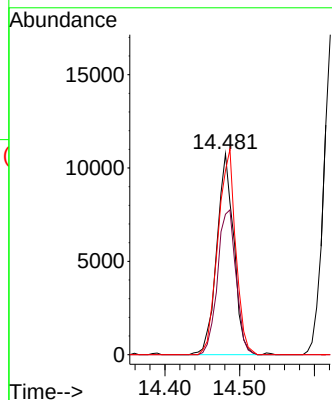
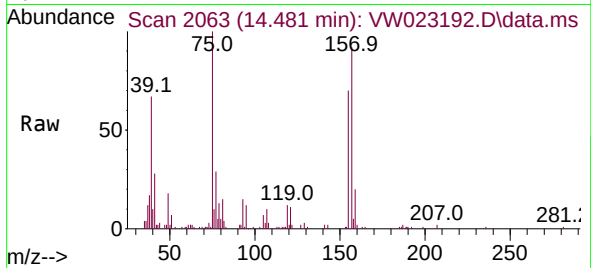
Tgt Ion: 75 Resp: 17077

Ion Ratio Lower Upper

75 100

155 70.0 59.3 88.9

157 91.8 89.8 134.8



#69

1,3,5-Trichlorobenzene

Concen: 16.381 ug/L

RT: 14.621 min Scan# 2086

Delta R.T. 0.000 min

Lab File: VW023192.D

Acq: 20 May 2022 12:33

Tgt Ion:180 Resp: 133715

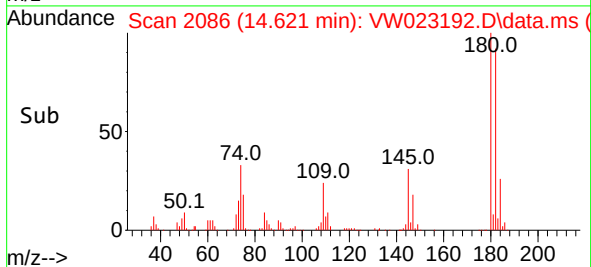
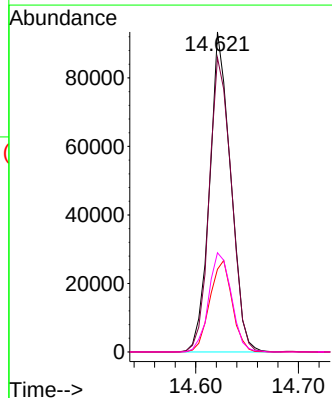
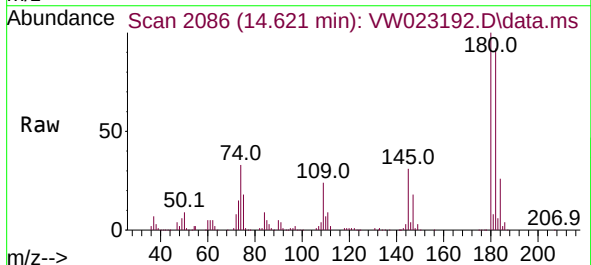
Ion Ratio Lower Upper

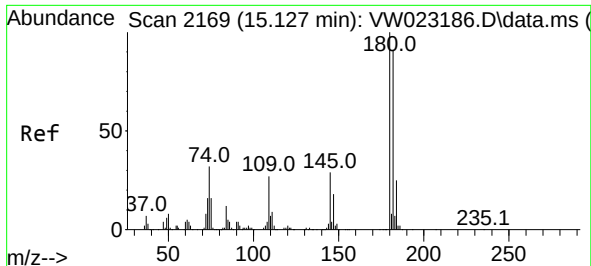
180 100

182 96.1 74.8 112.2

184 30.1 23.4 35.2

145 33.4 26.5 39.7

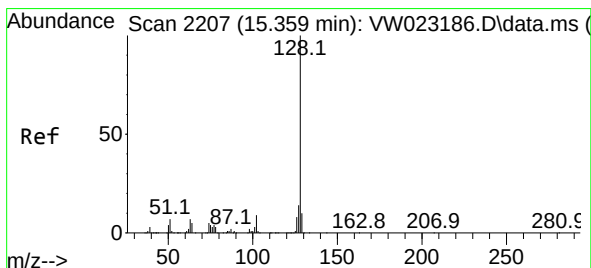
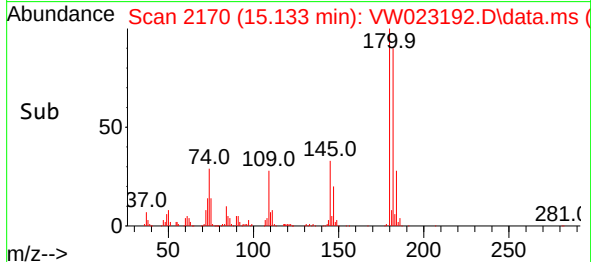
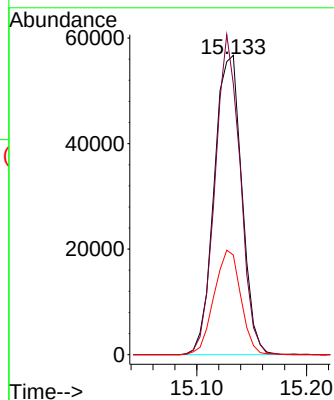
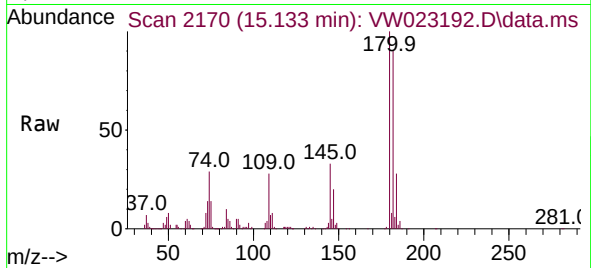




#70
1,2,4-trichlorobenzene
Concen: 15.151 ug/L
RT: 15.133 min Scan# 2169
Delta R.T. 0.006 min
Lab File: VW023192.D
Acq: 20 May 2022 12:33

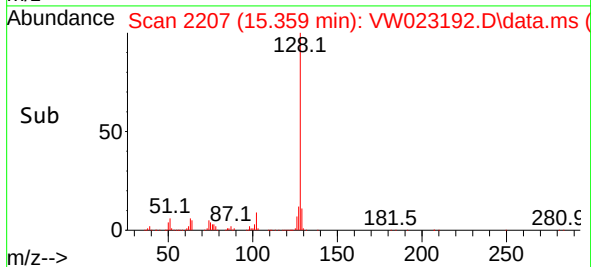
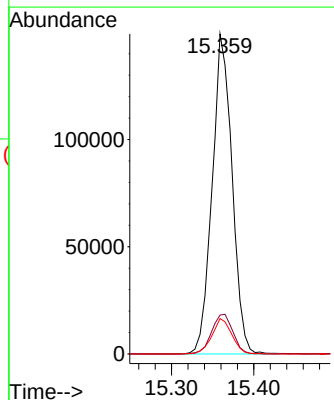
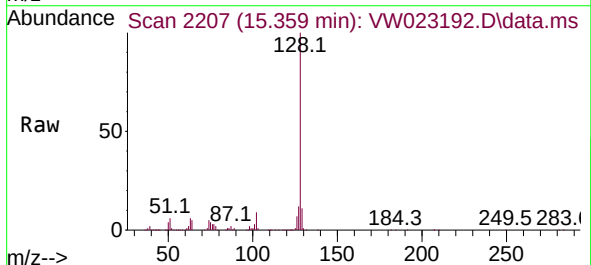
Instrument :
MSVOA_W
ClientSampleId :
EXY11MS

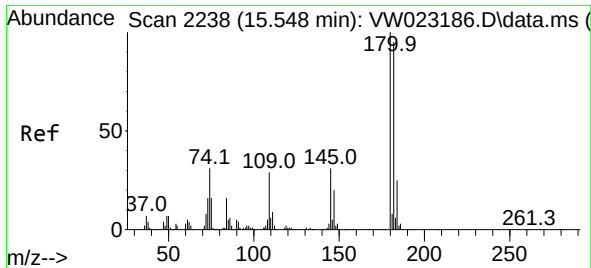
Tgt Ion:180 Resp: 99482
Ion Ratio Lower Upper
180 100
182 96.9 74.9 112.3
145 33.8 26.6 39.8



#71
Naphthalene
Concen: 17.592 ug/L
RT: 15.359 min Scan# 2207
Delta R.T. 0.000 min
Lab File: VW023192.D
Acq: 20 May 2022 12:33

Tgt Ion:128 Resp: 251067
Ion Ratio Lower Upper
128 100
127 13.3 10.6 16.0
129 11.0 8.7 13.1





#72
1,2,3-Trichlorobenzene
Concen: 14.395 ug/L
RT: 15.554 min Scan# 21
Delta R.T. 0.006 min
Lab File: VW023192.D
Acq: 20 May 2022 12:33

Instrument :
MSVOA_W
ClientSampleId :
EXY11MS

Tgt Ion:180 Resp: 83774
Ion Ratio Lower Upper
180 100
182 96.7 73.5 110.3
145 35.1 27.9 41.9

