

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW051922\
 Data File : VW023182.D
 Acq On : 19 May 2022 18:57
 Operator : SY/VA
 Sample : N2929-02MS
 Misc : 6.55g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DBTF7MS

Quant Time: May 20 01:53:37 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050222SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri May 20 01:47:53 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	284804	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	235067	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	72935	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	128640	22.015	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.080%
7) Chloroethane-d5	2.879	69	93458	24.585	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.320%
11) 1,1-Dichloroethene-d2	4.019	63	145390	19.257	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	77.040%
21) 2-Butanone-d5	7.080	46	107392	96.665	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	193.320%#
24) Chloroform-d	7.647	84	213926	25.638	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	102.560%
26) 1,2-Dichloroethane-d4	8.305	65	136052	29.729	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	118.920%
32) Benzene-d6	8.275	84	386338	28.514	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	114.040%
36) 1,2-Dichloropropane-d6	9.275	67	120007	31.531	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	126.120%#
41) Toluene-d8	10.323	98	317674	24.271	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	97.080%
43) trans-1,3-Dichloroprop...	10.579	79	54224	30.942	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	123.760%
47) 2-Hexanone-d5	10.921	63	93734	129.011	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	258.020%#
56) 1,1,2,2-Tetrachloroeth...	12.689	84	143807	40.538	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	162.160%#
66) 1,2-Dichlorobenzene-d4	13.853	152	66541	26.099	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	104.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.001	85	36567	23.553	ug/L	95
3) Chloromethane	2.215	50	69440	23.146	ug/L	99
5) Vinyl chloride	2.361	62	108700	18.053	ug/L	99
6) Bromomethane	2.770	94	65733	17.004	ug/L	98
8) Chloroethane	2.916	64	58149	20.023	ug/L	96
9) Trichlorofluoromethane	3.251	101	42583	15.474	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	70442	17.119	ug/L	95
12) 1,1-Dichloroethene	4.038	96	65869	18.058	ug/L	83
13) Acetone	4.123	43	69682	83.775	ug/L	100
14) Carbon disulfide	4.385	76	116737	11.673	ug/L	97
15) Methyl Acetate	4.666	43	60035	35.927	ug/L	99
16) Methylene chloride	4.922	84	89063	21.371	ug/L	95
17) trans-1,2-Dichloroethene	5.422	96	74919	18.251	ug/L	90
18) Methyl tert-butyl Ether	5.428	73	188762	30.123	ug/L	100
19) 1,1-Dichloroethane	6.214	63	149970	21.556	ug/L	95
20) cis-1,2-Dichloroethene	7.165	96	90926	20.623	ug/L #	99
22) 2-Butanone	7.171	43	91151	78.360	ug/L	98
23) Bromochloromethane	7.519	128	49318	23.885	ug/L	89
25) Chloroform	7.677	83	168305	21.878	ug/L	100

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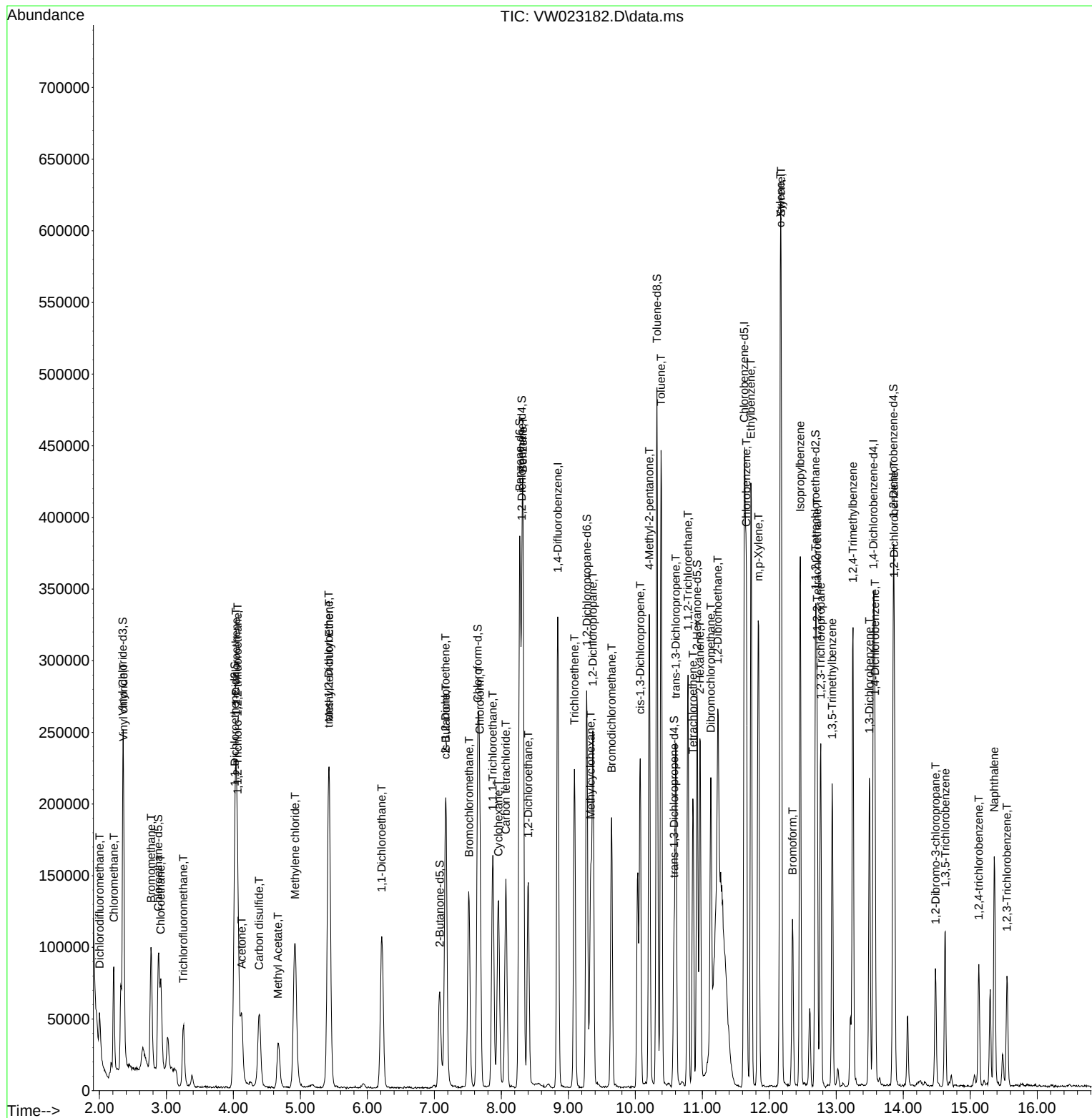
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	126568	24.682	ug/L	99
29) Cyclohexane	7.958	56	68626	13.499	ug/L	100
30) 1,1,1-Trichloroethane	7.872	97	128129	23.065	ug/L	99
31) Carbon tetrachloride	8.067	117	103927	20.000	ug/L	100
33) Benzene	8.323	78	323385	23.353	ug/L	100
34) Trichloroethene	9.092	95	75080	19.715	ug/L	96
35) Methylcyclohexane	9.335	83	61400	9.814	ug/L	98
37) 1,2-Dichloropropane	9.366	63	86135	25.703	ug/L	99
38) Bromodichloromethane	9.646	83	121087	25.439	ug/L	94
39) cis-1,3-Dichloropropene	10.073	75	131664	25.339	ug/L	97
40) 4-Methyl-2-pentanone	10.207	43	199852	94.617	ug/L	98
42) Toluene	10.384	91	326075	21.011	ug/L	99
44) trans-1,3-Dichloropropene	10.604	75	126188	27.208	ug/L	97
45) 1,1,2-Trichloroethane	10.786	97	87859	31.362	ug/L	97
46) Tetrachloroethene	10.860	164	43537	15.212	ug/L	91
48) 2-Hexanone	10.963	43	150098	106.355	ug/L	97
49) Dibromochloromethane	11.128	129	92314	27.379	ug/L	99
50) 1,2-Dibromoethane	11.232	107	86248	30.661	ug/L	100
51) Chlorobenzene	11.658	112	188697	18.443	ug/L	97
52) Ethylbenzene	11.725	91	292687	16.952	ug/L	99
53) m,p-Xylene	11.841	106	110295	16.213	ug/L	97
54) o-Xylene	12.164	106	112110	17.173	ug/L	92
55) Styrene	12.176	104	196898	17.750	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.713	83	115356	32.968	ug/L	98
59) Bromoform	12.347	173	48637	47.055	ug/L #	96
60) Isopropylbenzene	12.463	105	238841	23.904	ug/L	100
61) 1,2,3-Trichloropropane	12.768	75	91889	63.054	ug/L	99
62) 1,3,5-Trimethylbenzene	12.939	105	109012	19.611	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	173123	20.741	ug/L	99
64) 1,3-Dichlorobenzene	13.493	146	86029	19.285	ug/L	90
65) 1,4-Dichlorobenzene	13.579	146	91406	19.837	ug/L	99
67) 1,2-Dichlorobenzene	13.865	146	90259	22.110	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.481	75	18532	58.186	ug/L	94
69) 1,3,5-Trichlorobenzene	14.627	180	30050	10.148	ug/L	97
70) 1,2,4-trichlorobenzene	15.127	180	24521	10.294	ug/L	99
71) Naphthalene	15.359	128	137636	26.585	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	22809	10.804	ug/L	95

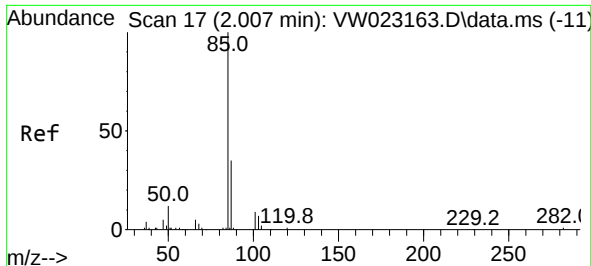
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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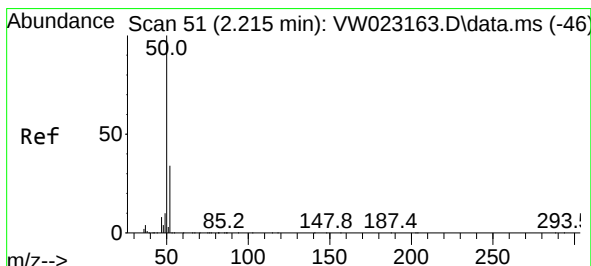
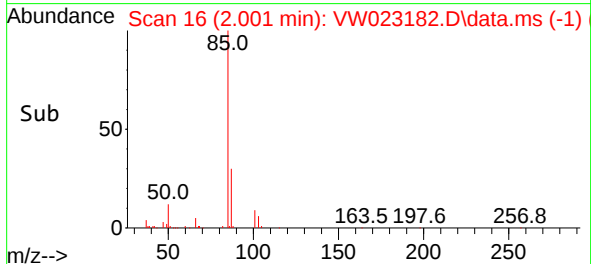
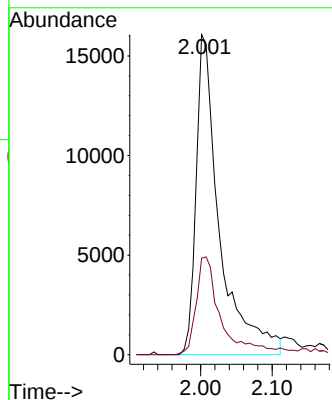
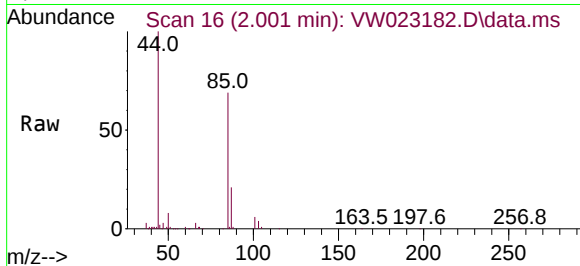




#2
 Dichlorodifluoromethane
 Concen: 23.553 ug/L
 RT: 2.001 min Scan# 1
 Delta R.T. -0.006 min
 Lab File: VW023182.D
 Acq: 19 May 2022 18:57

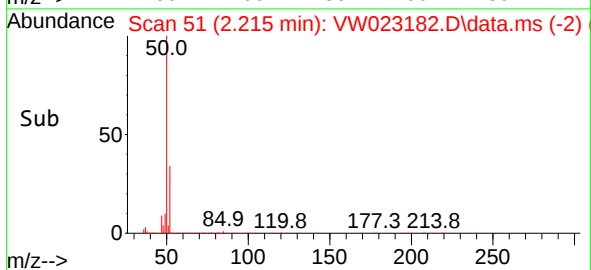
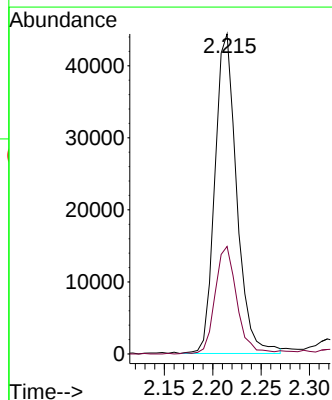
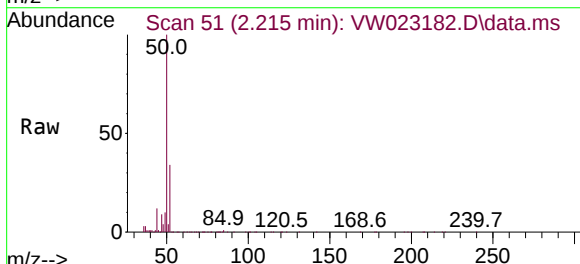
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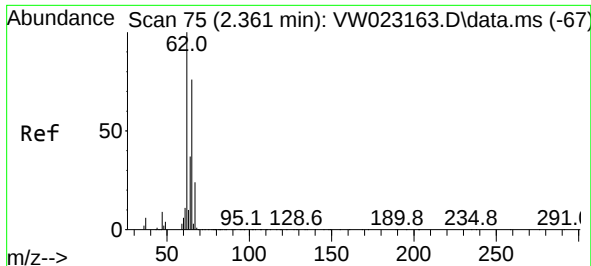
Tgt Ion: 85 Resp: 36567
 Ion Ratio Lower Upper
 85 100
 87 31.8 27.8 41.8



#3
 Chloromethane
 Concen: 23.146 ug/L
 RT: 2.215 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: VW023182.D
 Acq: 19 May 2022 18:57

Tgt Ion: 50 Resp: 69440
 Ion Ratio Lower Upper
 50 100
 52 33.6 23.1 42.9

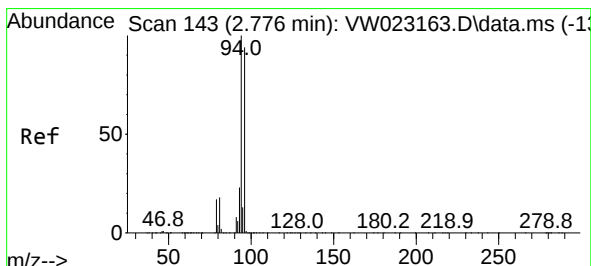
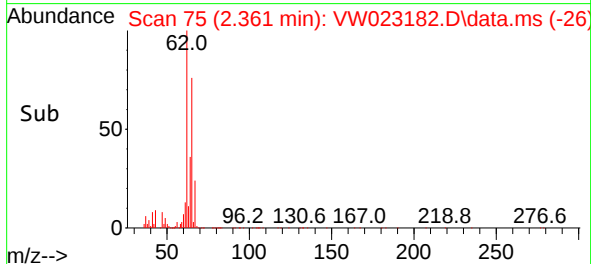
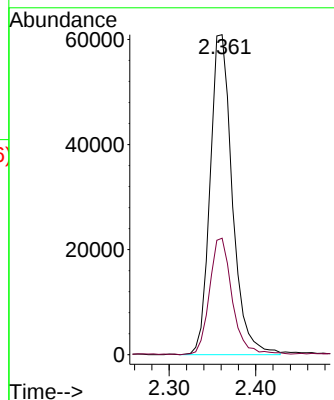
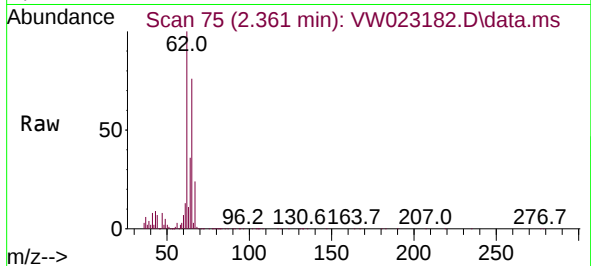




#5
 Vinyl chloride
 Concen: 18.053 ug/L
 RT: 2.361 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VW023182.D
 Acq: 19 May 2022 18:57

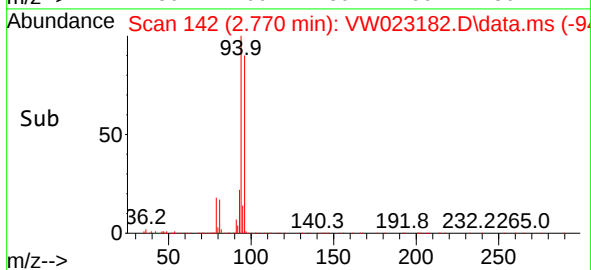
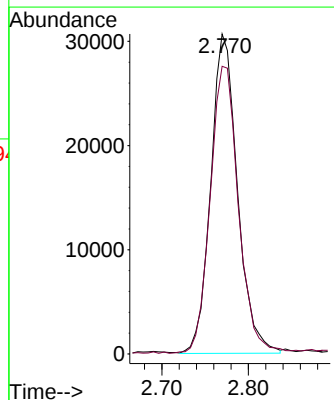
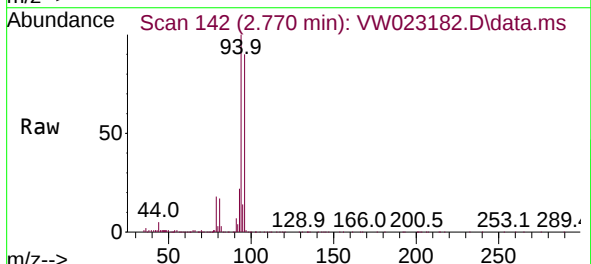
Instrument :
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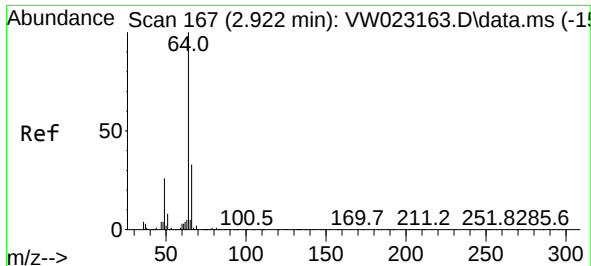
Tgt Ion: 62 Resp: 108700
 Ion Ratio Lower Upper
 62 100
 64 36.4 24.9 46.3



#6
 Bromomethane
 Concen: 17.004 ug/L
 RT: 2.770 min Scan# 142
 Delta R.T. -0.006 min
 Lab File: VW023182.D
 Acq: 19 May 2022 18:57

Tgt Ion: 94 Resp: 65733
 Ion Ratio Lower Upper
 94 100
 96 89.9 61.7 114.5

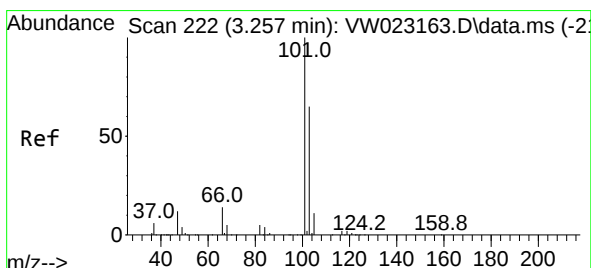
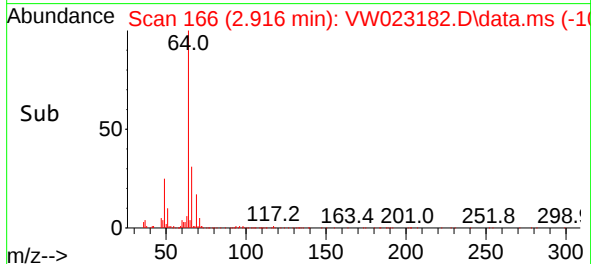
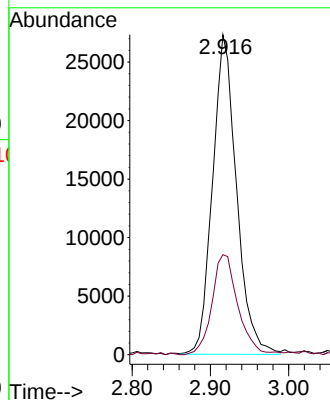
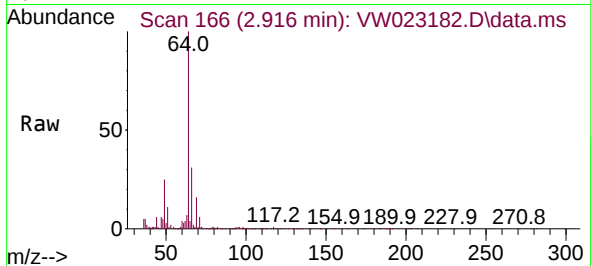




#8
Chloroethane
Concen: 20.023 ug/L
RT: 2.916 min Scan# 1
Delta R.T. -0.006 min
Lab File: VW023182.D
Acq: 19 May 2022 18:57

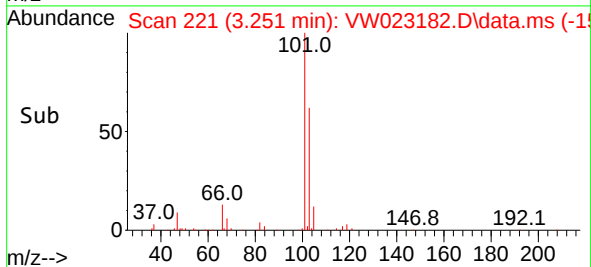
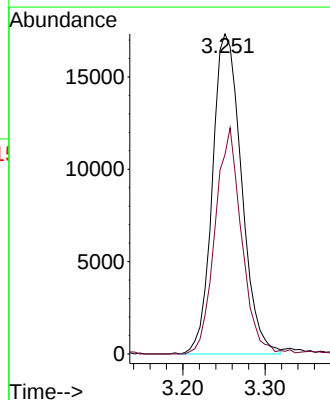
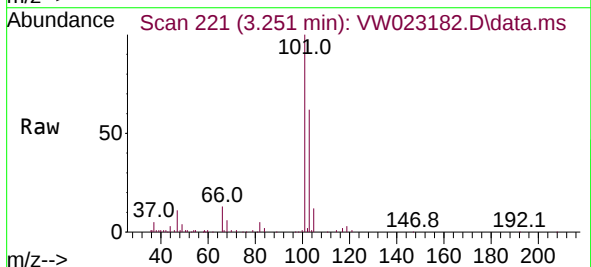
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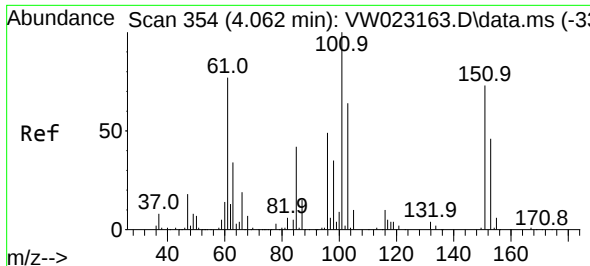
Tgt Ion: 64 Resp: 58149
Ion Ratio Lower Upper
64 100
66 31.3 23.4 43.6



#9
Trichlorofluoromethane
Concen: 15.474 ug/L
RT: 3.251 min Scan# 221
Delta R.T. -0.006 min
Lab File: VW023182.D
Acq: 19 May 2022 18:57

Tgt Ion: 101 Resp: 42583
Ion Ratio Lower Upper
101 100
103 64.1 53.9 80.9

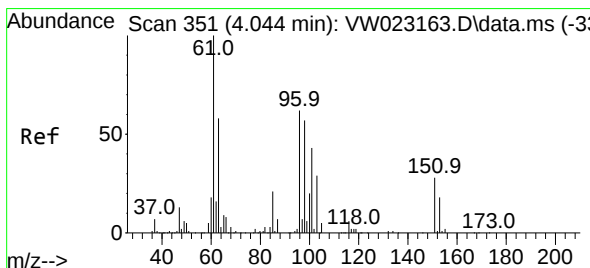
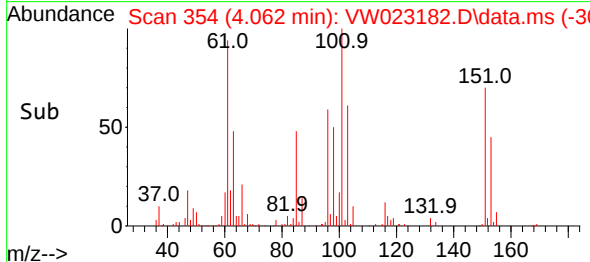
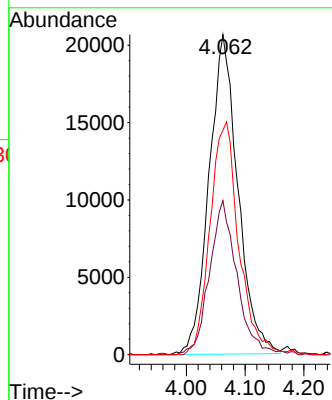
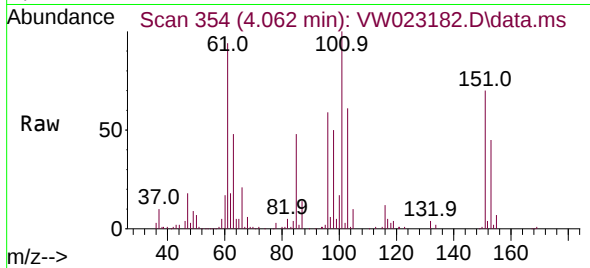




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 17.119 ug/L
 RT: 4.062 min Scan# 310
 Delta R.T. 0.000 min
 Lab File: VW023182.D
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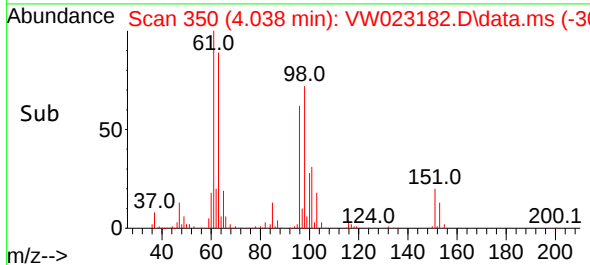
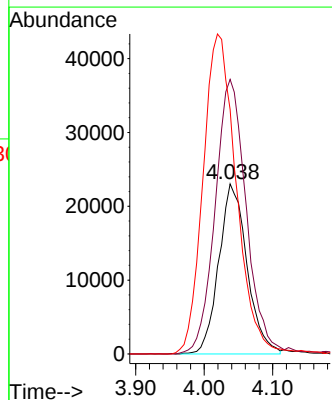
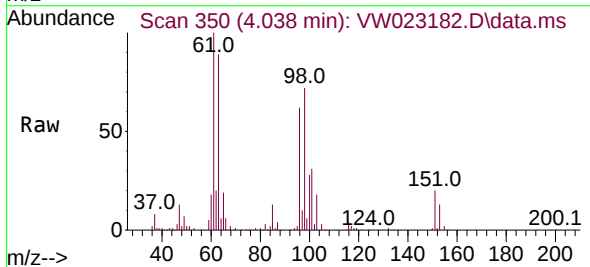
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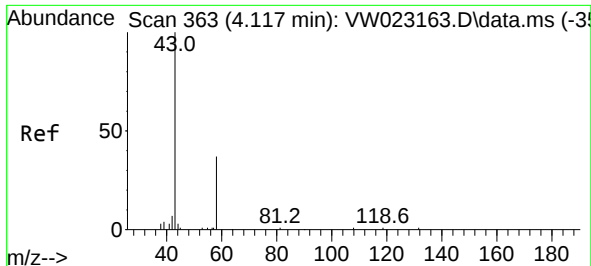
Tgt Ion:101 Resp: 70442
 Ion Ratio Lower Upper
 101 100
 85 44.9 34.3 51.5
 151 72.5 54.2 81.2



#12
 1,1-Dichloroethene
 Concen: 18.058 ug/L
 RT: 4.038 min Scan# 350
 Delta R.T. -0.006 min
 Lab File: VW023182.D
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Tgt Ion: 96 Resp: 65869
 Ion Ratio Lower Upper
 96 100
 61 161.4 125.7 233.5
 63 143.7 83.4 155.0

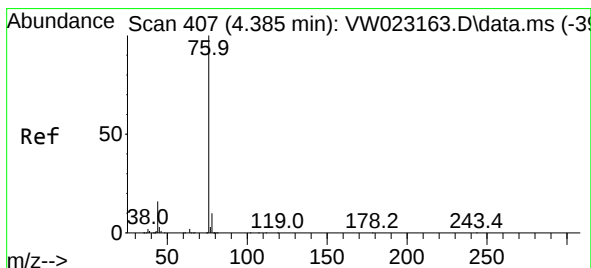
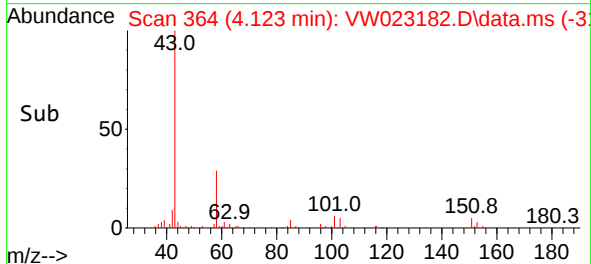
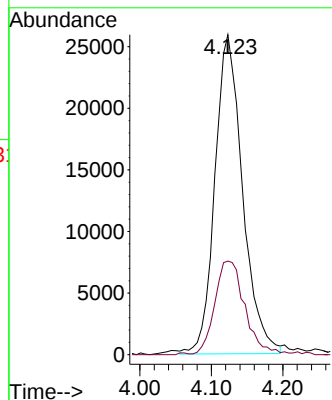
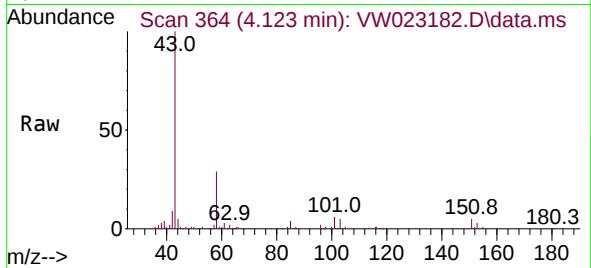




#13
Acetone
Concen: 83.775 ug/L
RT: 4.123 min Scan# 364
Delta R.T. 0.006 min
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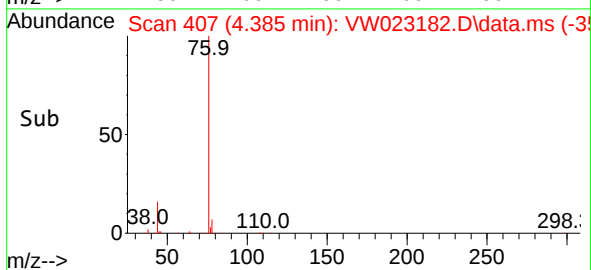
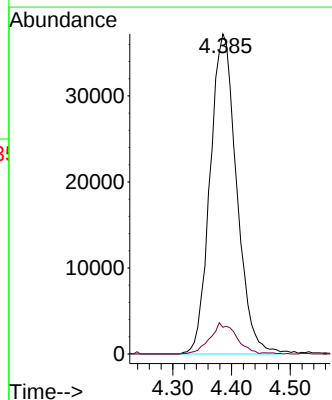
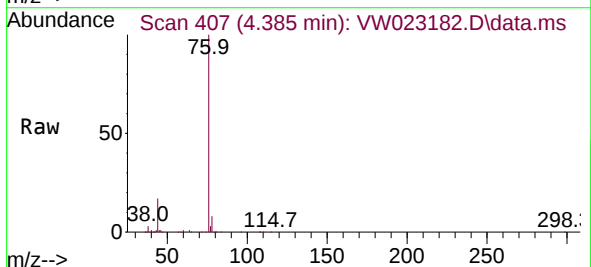
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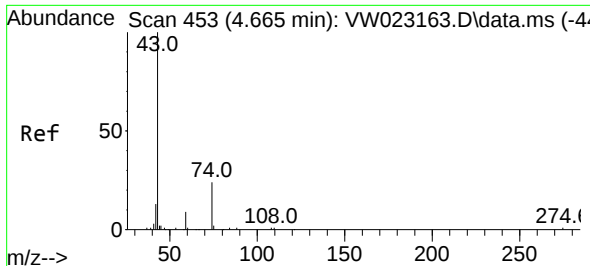
Tgt Ion: 43 Resp: 69682
Ion Ratio Lower Upper
43 100
58 31.7 0.0 64.0



#14
Carbon disulfide
Concen: 11.673 ug/L
RT: 4.385 min Scan# 407
Delta R.T. 0.000 min
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Tgt Ion: 76 Resp: 116737
Ion Ratio Lower Upper
76 100
78 8.4 7.7 11.5

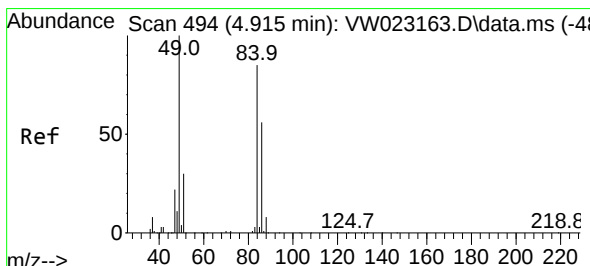
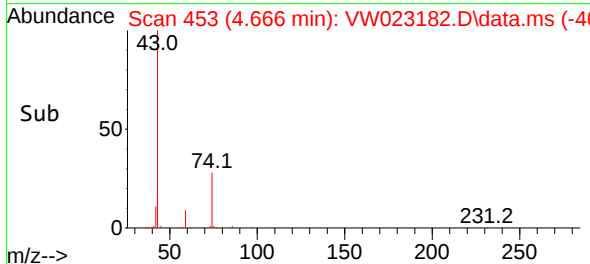
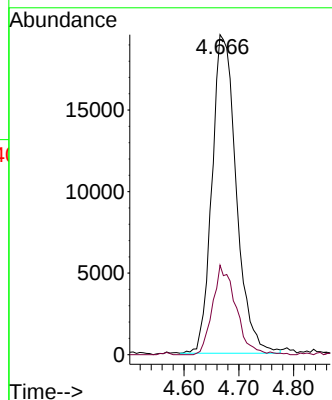
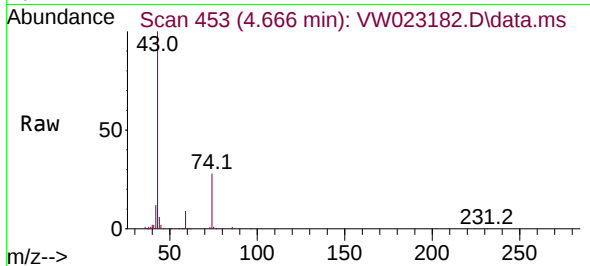




#15
Methyl Acetate
Concen: 35.927 ug/L
RT: 4.666 min Scan# 41
Delta R.T. 0.000 min
Lab File: VW023182.D
Acq: 19 May 2022 18:57

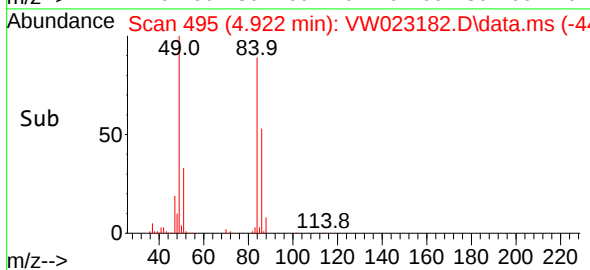
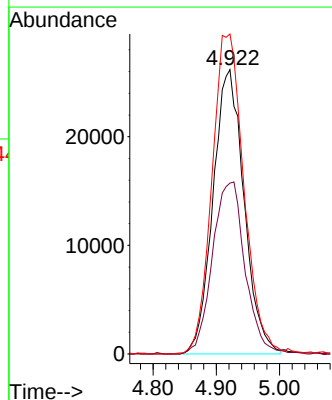
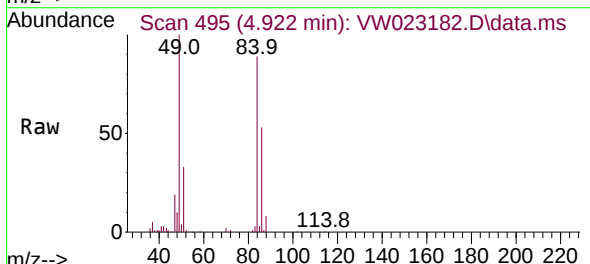
Instrument :
MSVOA_W
ClientSampleId :
DBTF7MS

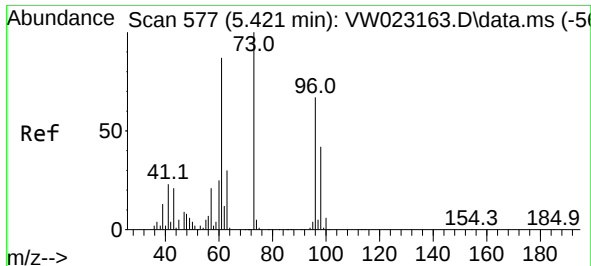
Tgt Ion: 43 Resp: 60035
Ion Ratio Lower Upper
43 100
74 26.6 21.9 32.9



#16
Methylene chloride
Concen: 21.371 ug/L
RT: 4.922 min Scan# 495
Delta R.T. 0.006 min
Lab File: VW023182.D
Acq: 19 May 2022 18:57

Tgt Ion: 84 Resp: 89063
Ion Ratio Lower Upper
84 100
86 60.1 45.4 84.4
49 112.6 82.5 153.1

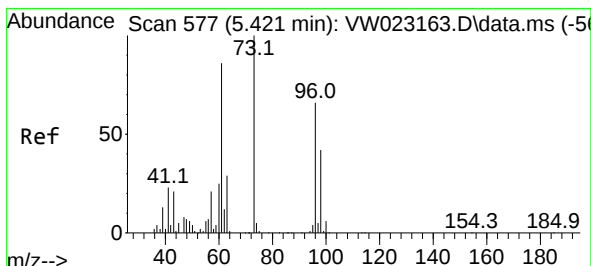
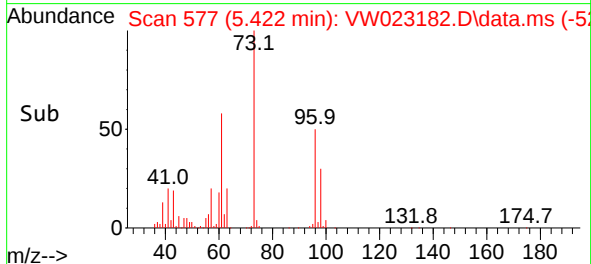
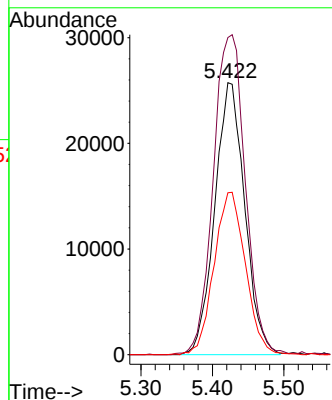
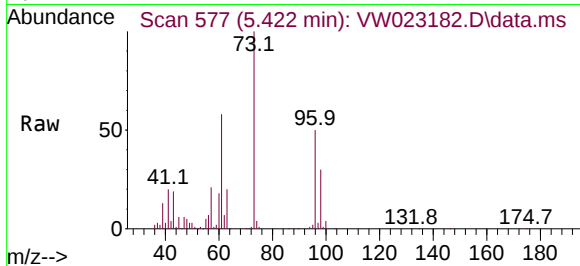




#17
trans-1,2-Dichloroethene
Concen: 18.251 ug/L
RT: 5.422 min Scan# 577
Delta R.T. 0.000 min
Lab File: VW023182.D
Acq: 19 May 2022 18:57

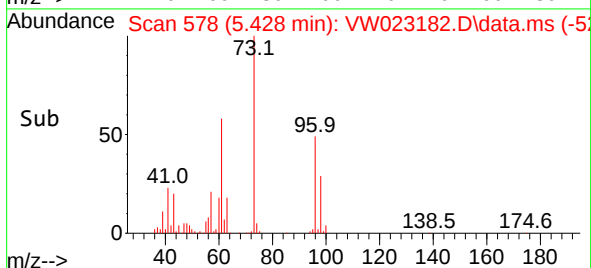
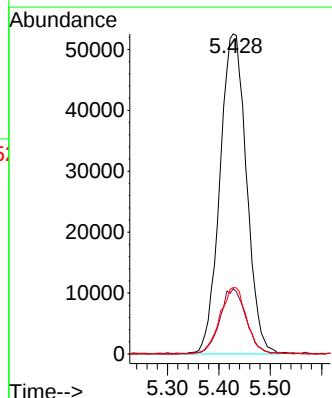
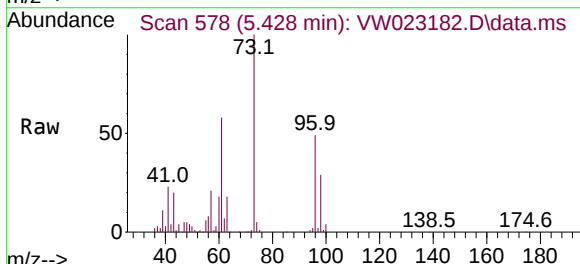
Instrument :
MSVOA_W
ClientSampleId :
DBTF7MS

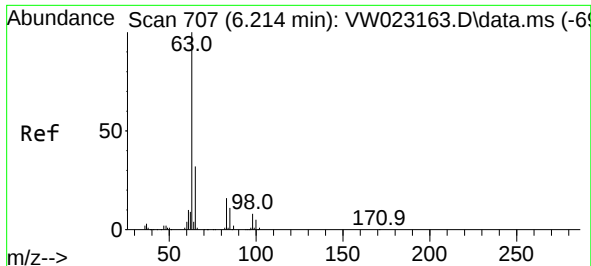
Tgt Ion: 96 Resp: 74919
Ion Ratio Lower Upper
96 100
61 116.6 92.2 171.2
98 59.5 42.9 79.7



#18
Methyl tert-butyl Ether
Concen: 30.123 ug/L
RT: 5.428 min Scan# 578
Delta R.T. 0.006 min
Lab File: VW023182.D
Acq: 19 May 2022 18:57

Tgt Ion: 73 Resp: 188762
Ion Ratio Lower Upper
73 100
43 19.6 15.9 23.9
57 20.6 16.5 24.7





#19

1,1-Dichloroethane

Concen: 21.556 ug/L

RT: 6.214 min Scan# 707

Delta R.T. 0.000 min

Lab File: VW023182.D

Acq: 19 May 2022 18:57

Instrument :

MSVOA_W

ClientSampleId :

DBTF7MS

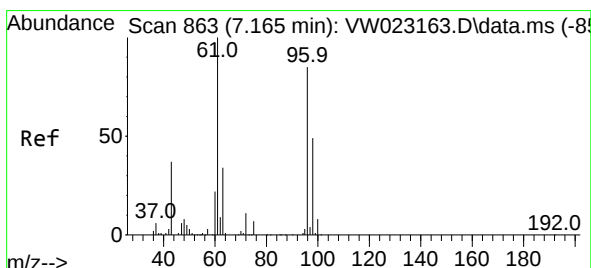
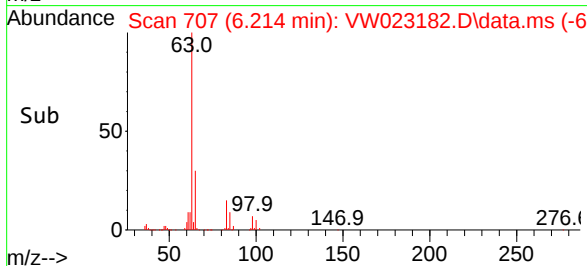
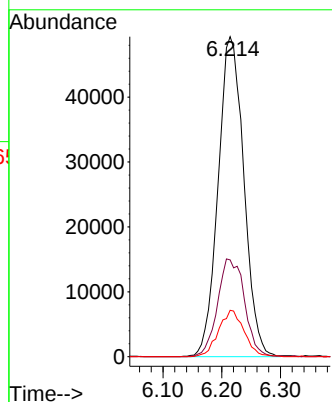
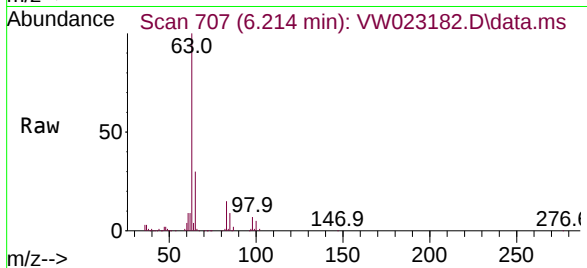
Tgt Ion: 63 Resp: 149970

Ion Ratio Lower Upper

63 100

65 30.3 23.3 43.3

83 14.5 11.1 20.5



#20

cis-1,2-Dichloroethene

Concen: 20.623 ug/L

RT: 7.165 min Scan# 863

Delta R.T. 0.000 min

Lab File: VW023182.D

Acq: 19 May 2022 18:57

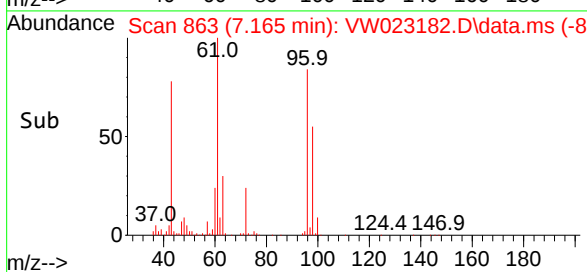
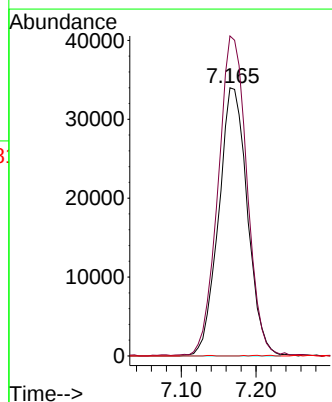
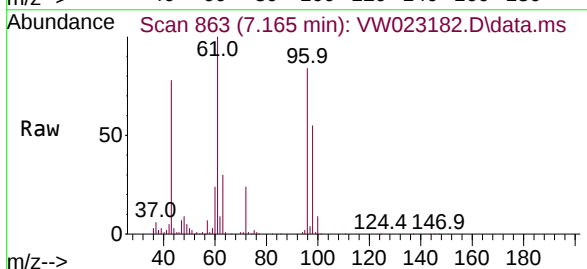
Tgt Ion: 96 Resp: 90926

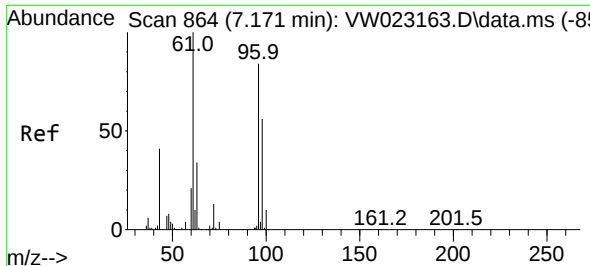
Ion Ratio Lower Upper

96 100

61 119.3 84.2 156.4

68 0.0 0.1 0.1#

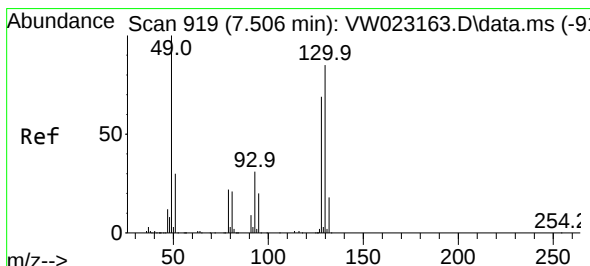
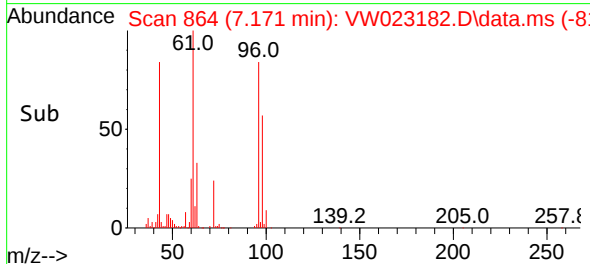
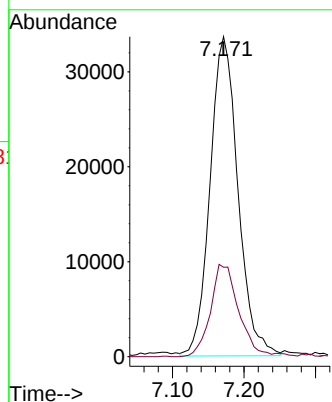
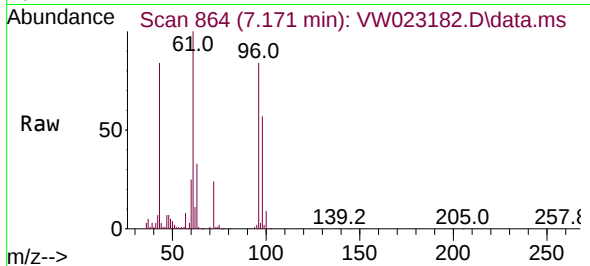




#22
2-Butanone
Concen: 78.360 ug/L
RT: 7.171 min Scan# 864
Delta R.T. 0.000 min
Lab File: VW023182.D
Acq: 19 May 2022 18:57

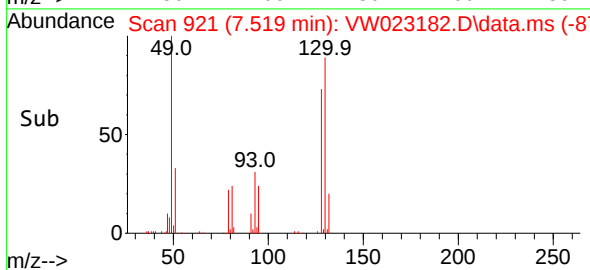
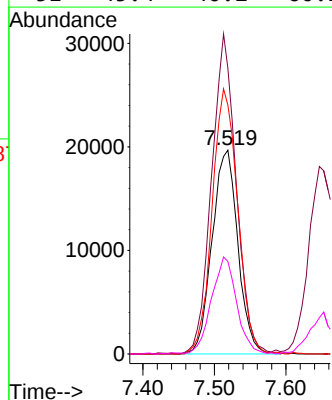
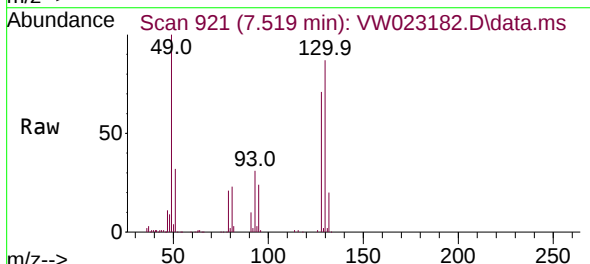
Instrument :
MSVOA_W
ClientSampleId :
DBTF7MS

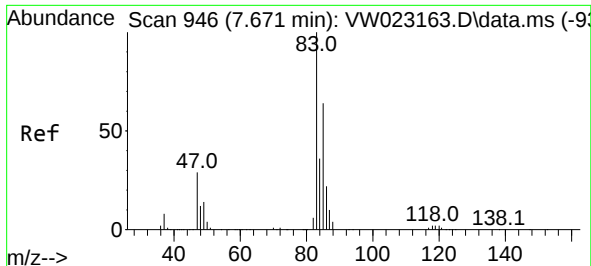
Tgt Ion: 43 Resp: 91151
Ion Ratio Lower Upper
43 100
72 29.0 15.1 45.3



#23
Bromochloromethane
Concen: 23.885 ug/L
RT: 7.519 min Scan# 921
Delta R.T. 0.012 min
Lab File: VW023182.D
Acq: 19 May 2022 18:57

Tgt Ion: 128 Resp: 49318
Ion Ratio Lower Upper
128 100
49 140.1 110.0 204.4
130 122.2 94.8 176.0
51 45.4 40.2 60.2

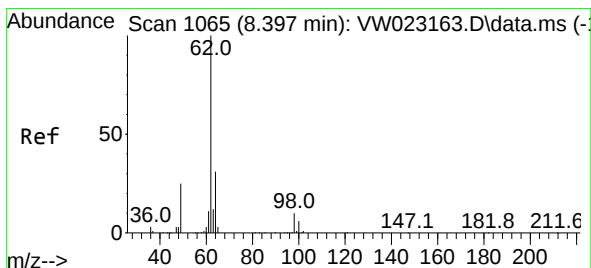
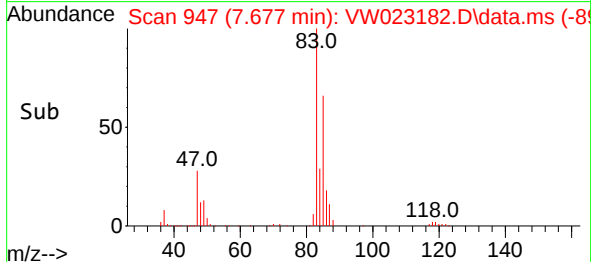
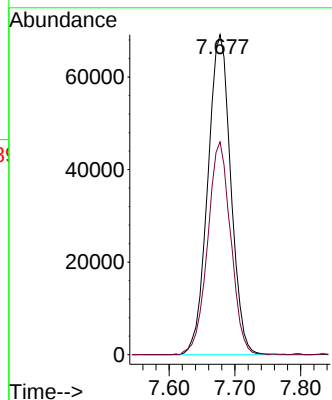
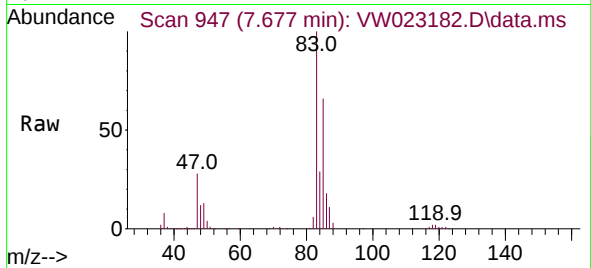




#25
Chloroform
Concen: 21.878 ug/L
RT: 7.677 min Scan# 946
Delta R.T. 0.006 min
Lab File: VW023182.D
Acq: 19 May 2022 18:57

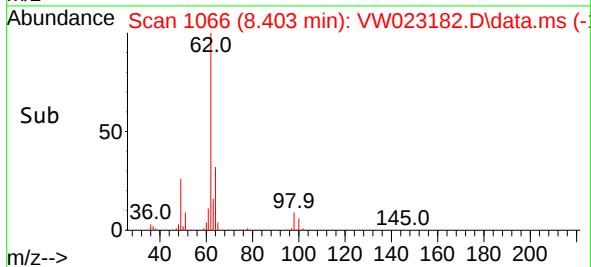
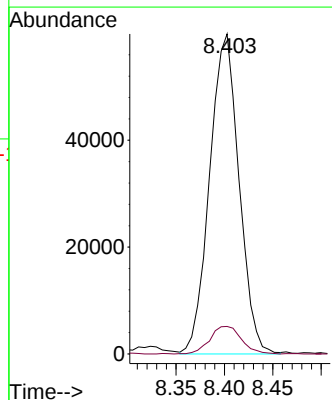
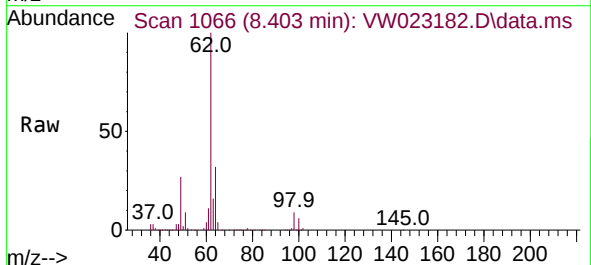
Instrument :
MSVOA_W
ClientSampleId :
DBTF7MS

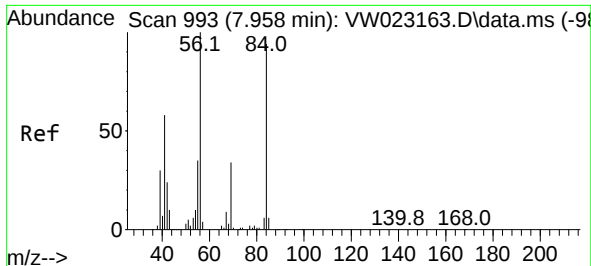
Tgt Ion: 83 Resp: 168305
Ion Ratio Lower Upper
83 100
85 66.5 46.6 86.6



#27
1,2-Dichloroethane
Concen: 24.682 ug/L
RT: 8.403 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VW023182.D
Acq: 19 May 2022 18:57

Tgt Ion: 62 Resp: 126568
Ion Ratio Lower Upper
62 100
98 8.6 7.2 10.8

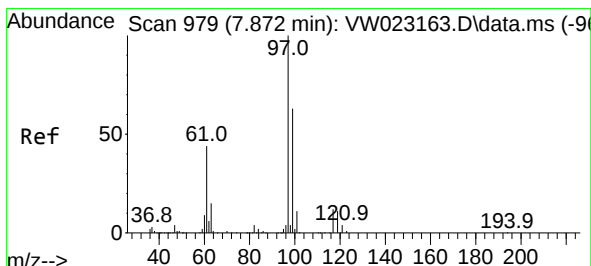
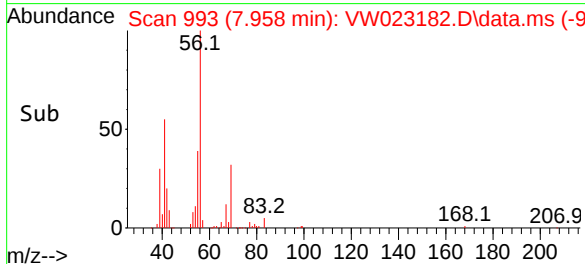
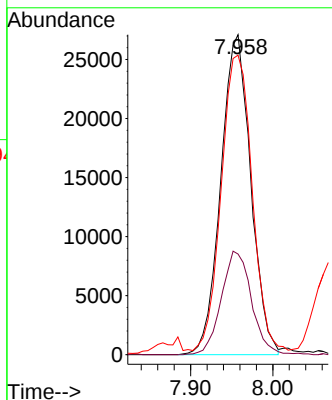
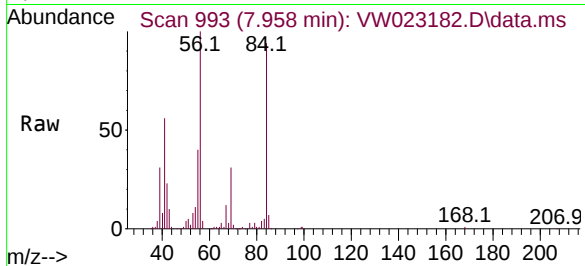




#29
Cyclohexane
Concen: 13.499 ug/L
RT: 7.958 min Scan# 993
Delta R.T. 0.000 min
Lab File: VW023182.D
Acq: 19 May 2022 18:57

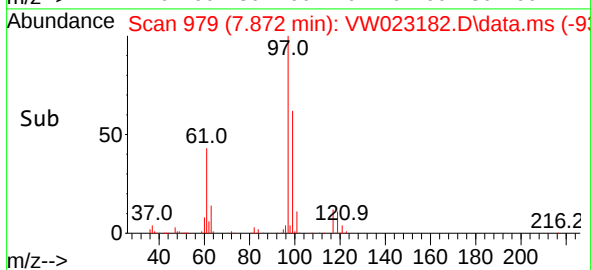
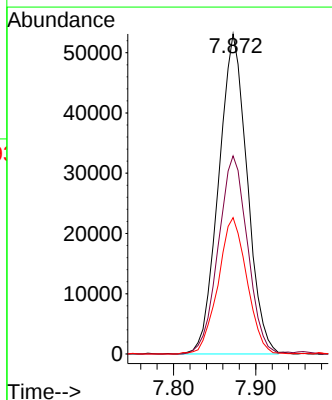
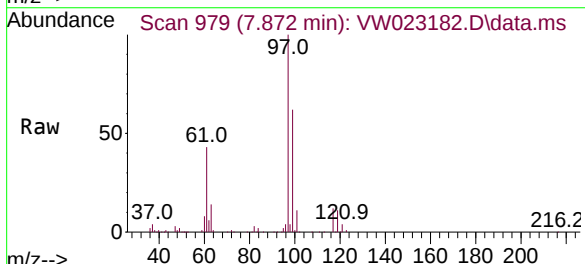
Instrument :
MSVOA_W
ClientSampleId :
DBTF7MS

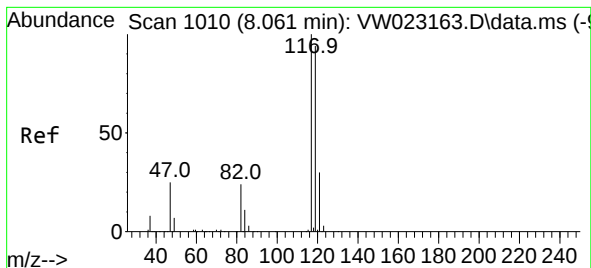
Tgt Ion: 56 Resp: 68626
Ion Ratio Lower Upper
56 100
69 32.5 25.6 38.4
84 98.0 78.2 117.4



#30
1,1,1-Trichloroethane
Concen: 23.065 ug/L
RT: 7.872 min Scan# 979
Delta R.T. 0.000 min
Lab File: VW023182.D
Acq: 19 May 2022 18:57

Tgt Ion: 97 Resp: 128129
Ion Ratio Lower Upper
97 100
99 63.2 51.0 76.4
61 43.0 34.8 52.2





#31

Carbon tetrachloride

Concen: 20.000 ug/L

RT: 8.067 min Scan# 1010

Delta R.T. 0.006 min

Lab File: VW023182.D

Acq: 19 May 2022 18:57

Instrument :

MSVOA_W

ClientSampleId :

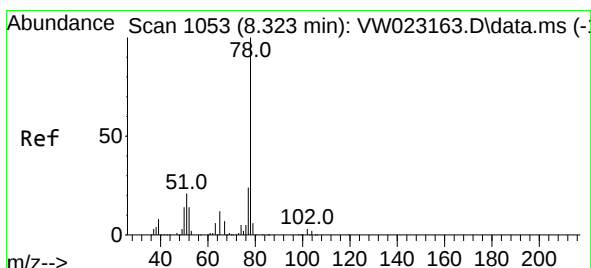
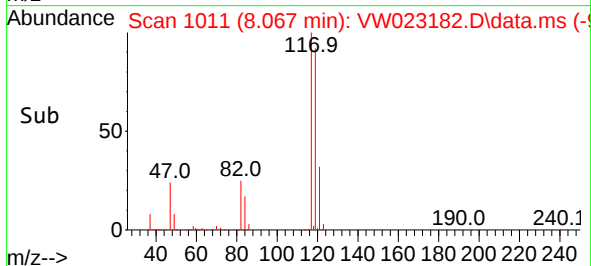
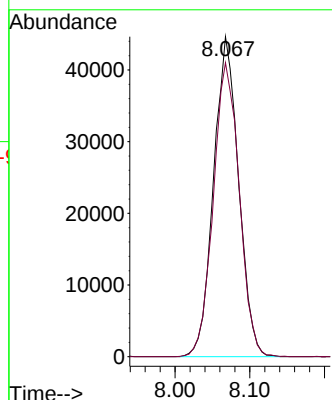
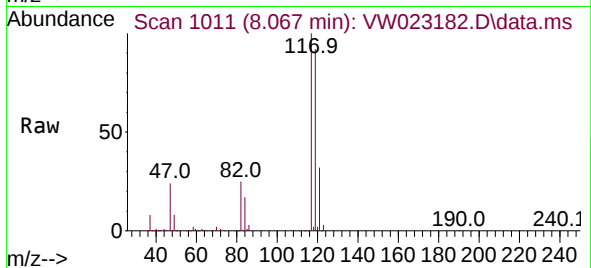
DBTF7MS

Tgt Ion:117 Resp: 103927

Ion Ratio Lower Upper

117 100

119 95.4 76.6 115.0



#33

Benzene

Concen: 23.353 ug/L

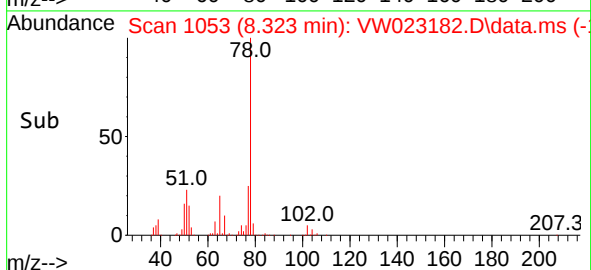
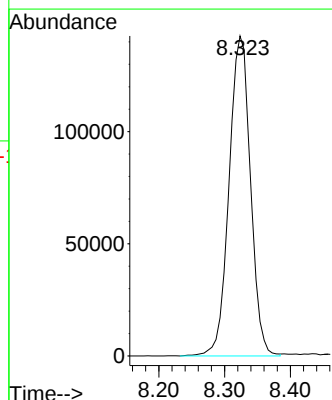
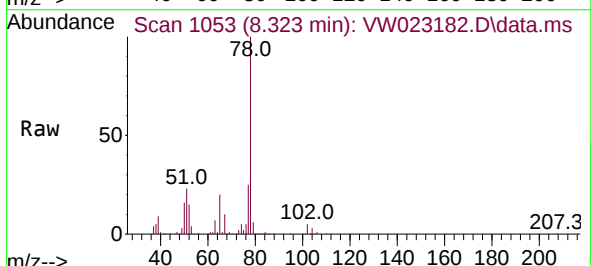
RT: 8.323 min Scan# 1053

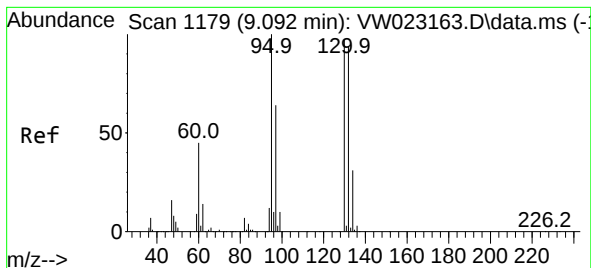
Delta R.T. 0.000 min

Lab File: VW023182.D

Acq: 19 May 2022 18:57

Tgt Ion: 78 Resp: 323385





#34

Trichloroethene

Concen: 19.715 ug/L

RT: 9.092 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VW023182.D

Acq: 19 May 2022 18:57

Instrument :

MSVOA_W

ClientSampleId :

DBTF7MS

Tgt Ion: 95 Resp: 75080

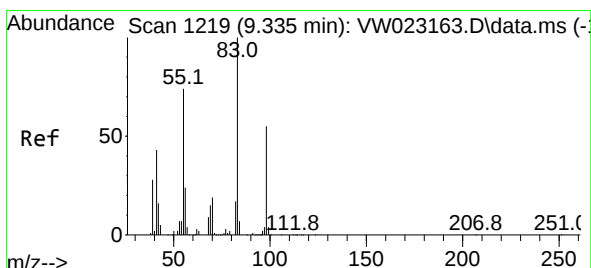
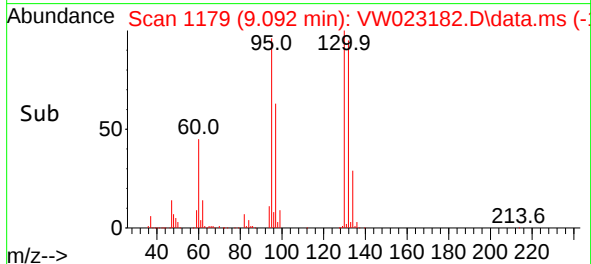
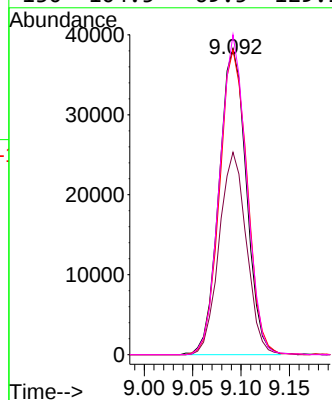
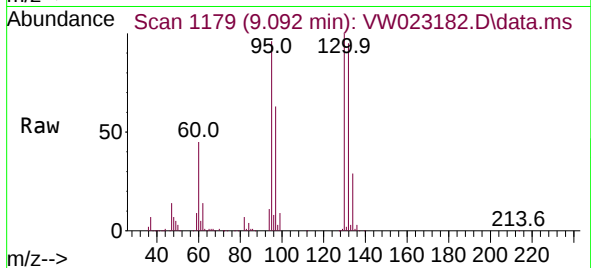
Ion Ratio Lower Upper

95 100

97 66.1 46.1 85.7

132 99.5 66.9 124.3

130 104.5 69.5 129.1



#35

Methylcyclohexane

Concen: 9.814 ug/L

RT: 9.335 min Scan# 1219

Delta R.T. 0.000 min

Lab File: VW023182.D

Acq: 19 May 2022 18:57

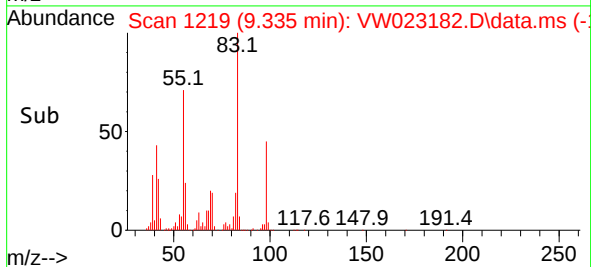
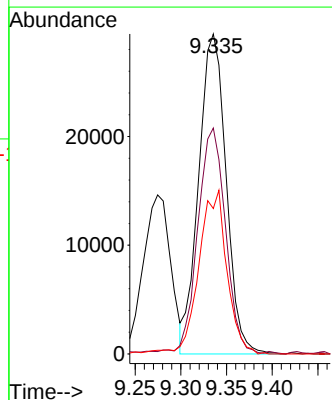
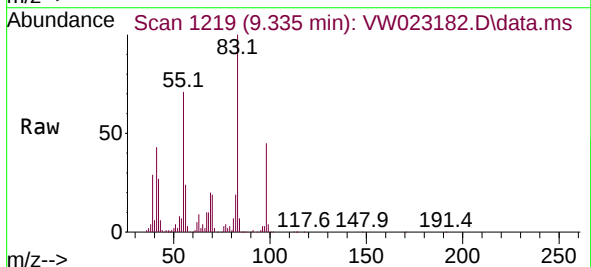
Tgt Ion: 83 Resp: 61400

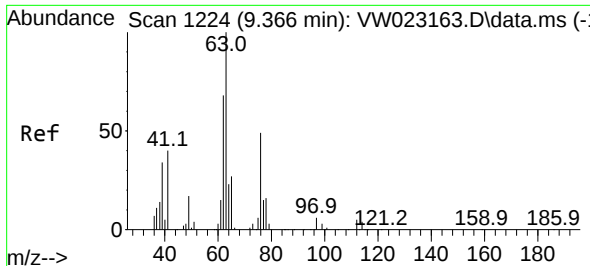
Ion Ratio Lower Upper

83 100

55 70.7 55.1 82.7

98 51.3 40.4 60.6





#37

1,2-Dichloropropane

Concen: 25.703 ug/L

RT: 9.366 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW023182.D

Acq: 19 May 2022 18:57

Instrument :

MSVOA_W

ClientSampleId :

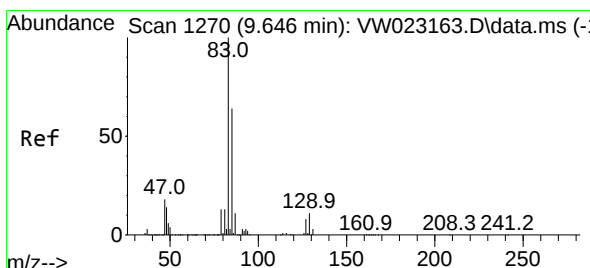
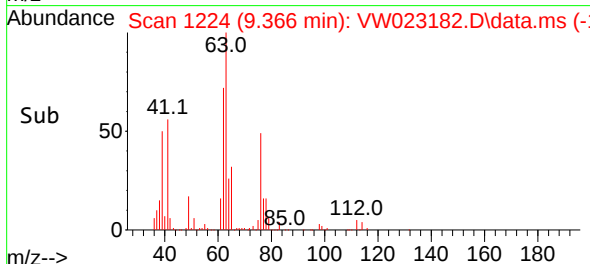
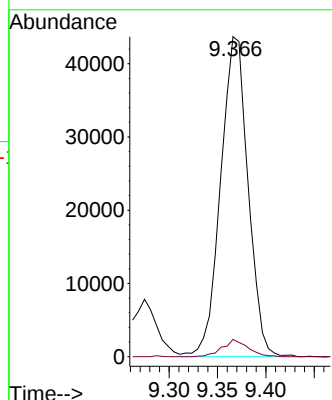
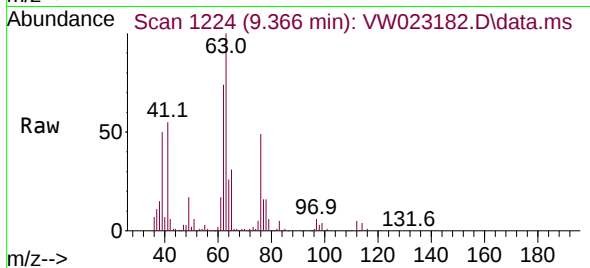
DBTF7MS

Tgt Ion: 63 Resp: 86135

Ion Ratio Lower Upper

63 100

112 5.0 3.8 5.8



#38

Bromodichloromethane

Concen: 25.439 ug/L

RT: 9.646 min Scan# 1270

Delta R.T. 0.000 min

Lab File: VW023182.D

Acq: 19 May 2022 18:57

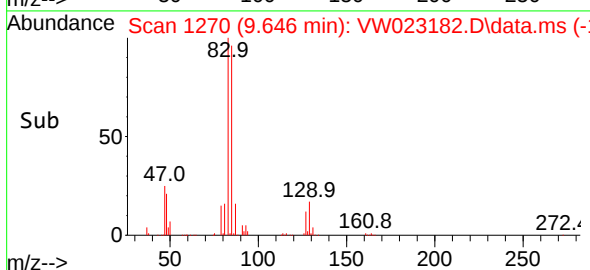
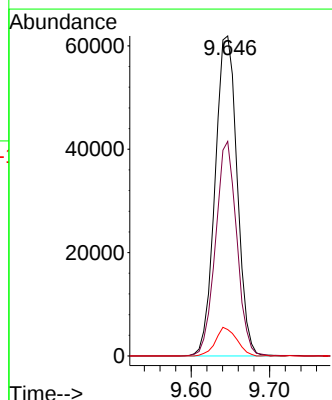
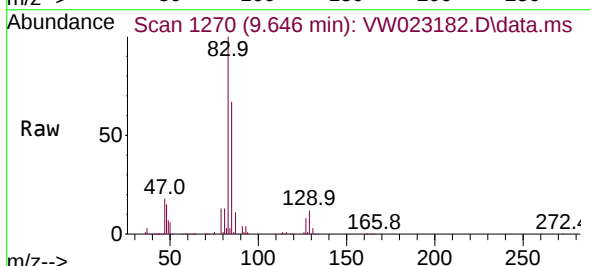
Tgt Ion: 83 Resp: 121087

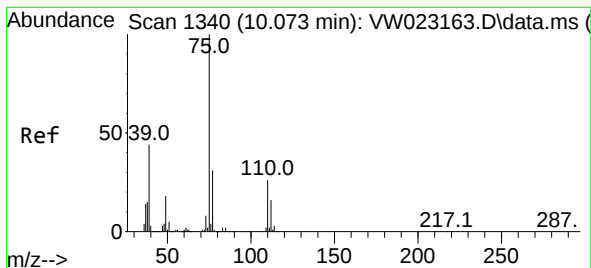
Ion Ratio Lower Upper

83 100

85 67.0 43.5 80.7

127 8.2 7.1 10.7

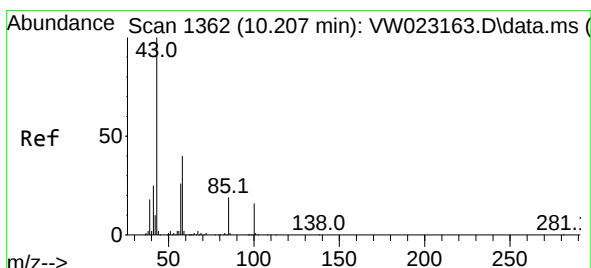
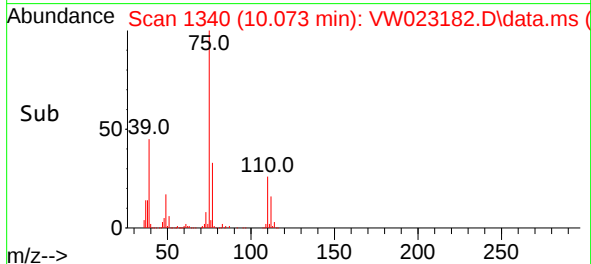
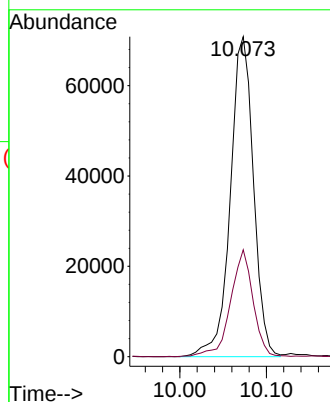
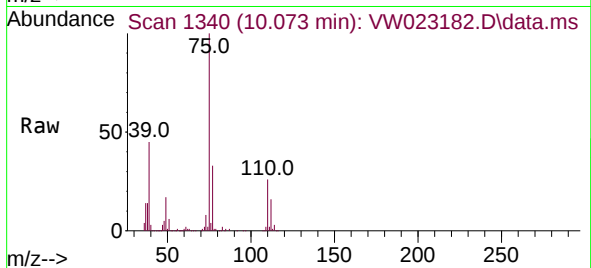




#39
 cis-1,3-Dichloropropene
 Concen: 25.339 ug/L
 RT: 10.073 min Scan# 1340
 Delta R.T. 0.000 min
 Lab File: VW023182.D
 Acq: 19 May 2022 18:57

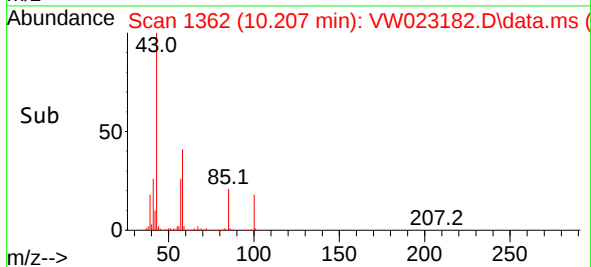
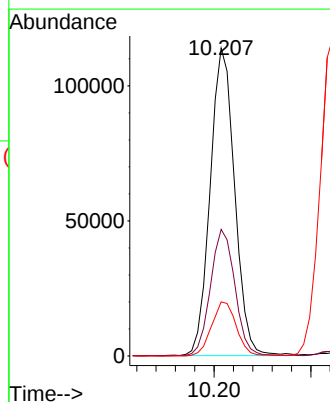
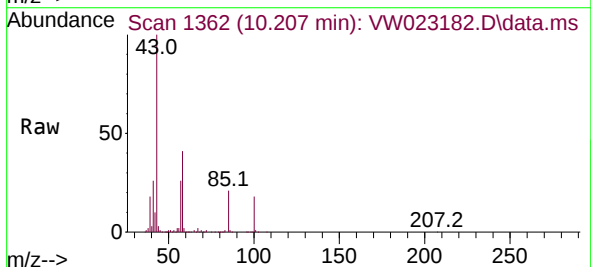
Instrument :
 MSVOA_W
 ClientSampleId :
 DBTF7MS

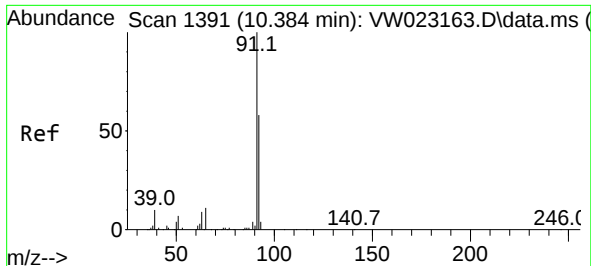
Tgt Ion: 75 Resp: 131664
 Ion Ratio Lower Upper
 75 100
 77 33.4 22.1 41.1



#40
 4-Methyl-2-pentanone
 Concen: 94.617 ug/L
 RT: 10.207 min Scan# 1362
 Delta R.T. 0.000 min
 Lab File: VW023182.D
 Acq: 19 May 2022 18:57

Tgt Ion: 43 Resp: 199852
 Ion Ratio Lower Upper
 43 100
 58 41.3 31.4 47.2
 100 17.9 14.2 21.4

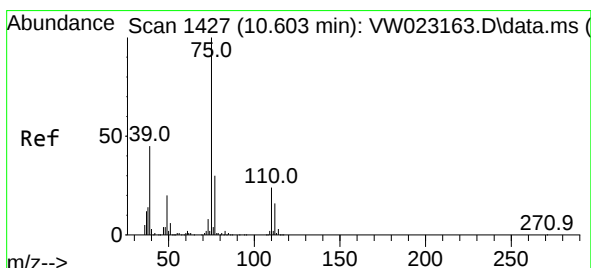
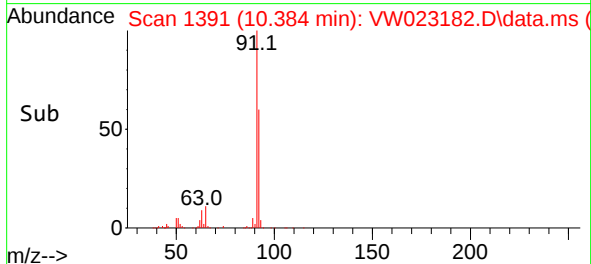
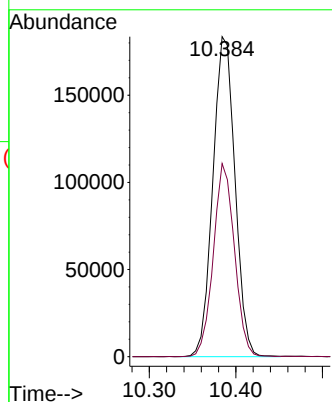
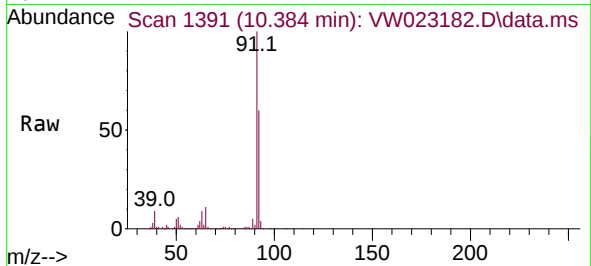




#42
Toluene
Concen: 21.011 ug/L
RT: 10.384 min Scan# 1391
Delta R.T. 0.000 min
Lab File: VW023182.D
Acq: 19 May 2022 18:57

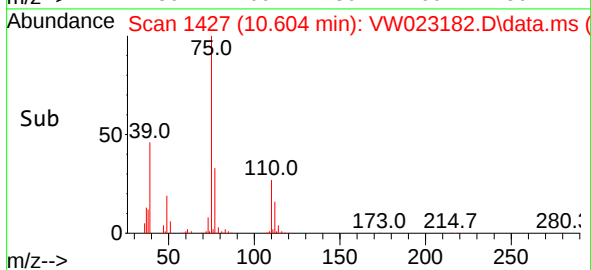
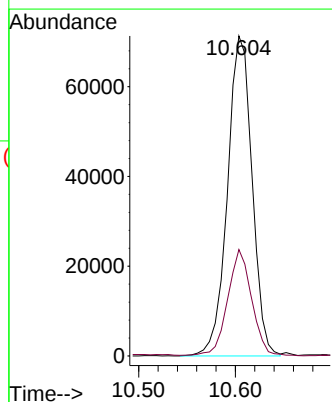
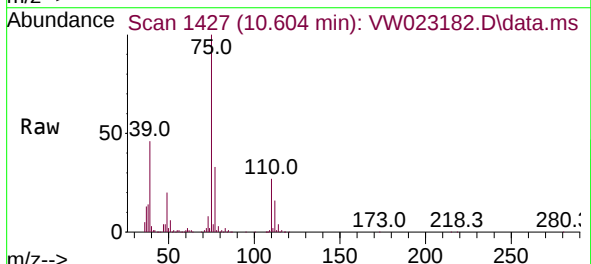
Instrument :
MSVOA_W
ClientSampleId :
DBTF7MS

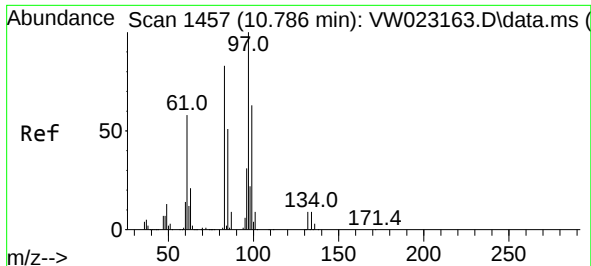
Tgt Ion: 91 Resp: 326075
Ion Ratio Lower Upper
91 100
92 60.3 41.6 77.2



#44
trans-1,3-Dichloropropene
Concen: 27.208 ug/L
RT: 10.604 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VW023182.D
Acq: 19 May 2022 18:57

Tgt Ion: 75 Resp: 126188
Ion Ratio Lower Upper
75 100
77 33.3 22.0 40.8

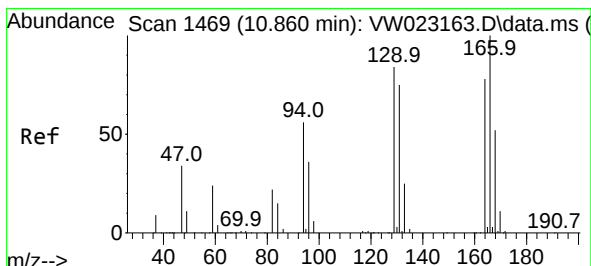
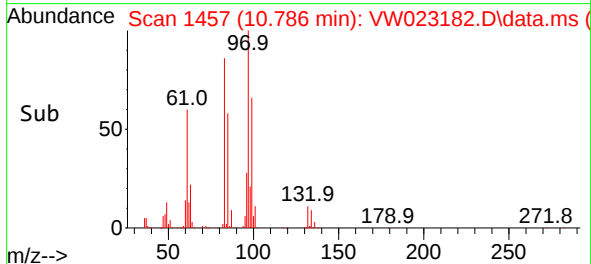
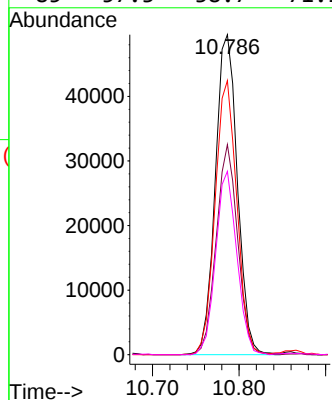
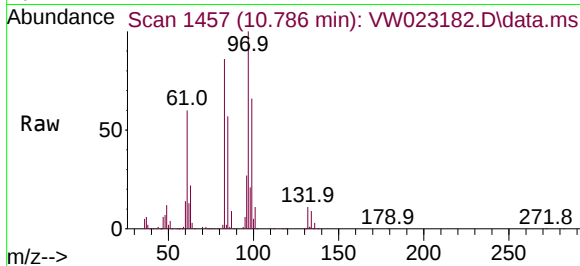




#45
1,1,2-Trichloroethane
Concen: 31.362 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VW023182.D
Acq: 19 May 2022 18:57

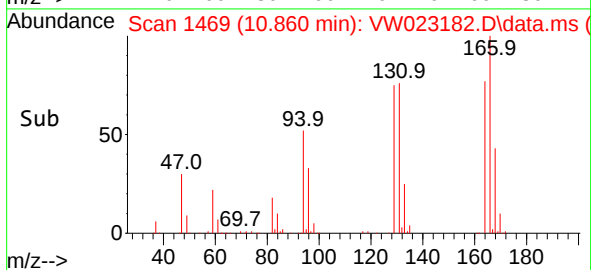
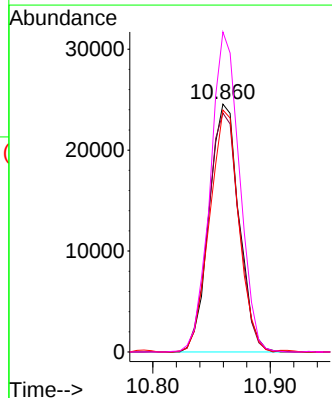
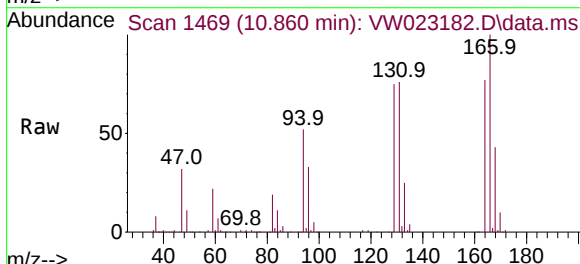
Instrument :
MSVOA_W
ClientSampleId :
DBTF7MS

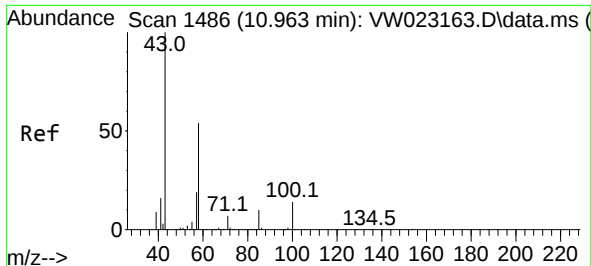
Tgt Ion:	97	Resp:	87859
Ion	Ratio	Lower	Upper
97	100		
99	65.6	44.7	82.9
83	85.6	58.4	108.4
85	57.3	38.7	71.9



#46
Tetrachloroethene
Concen: 15.212 ug/L
RT: 10.860 min Scan# 1469
Delta R.T. 0.000 min
Lab File: VW023182.D
Acq: 19 May 2022 18:57

Tgt Ion:	164	Resp:	43537
Ion	Ratio	Lower	Upper
164	100		
129	96.4	76.9	142.7
131	97.6	75.1	139.5
166	129.1	96.0	178.2

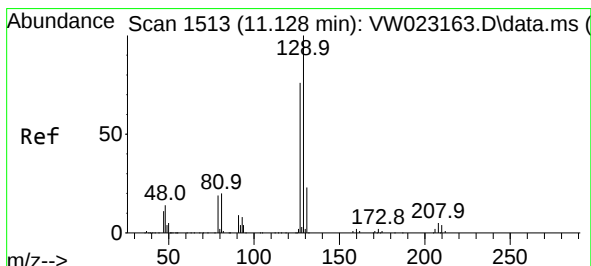
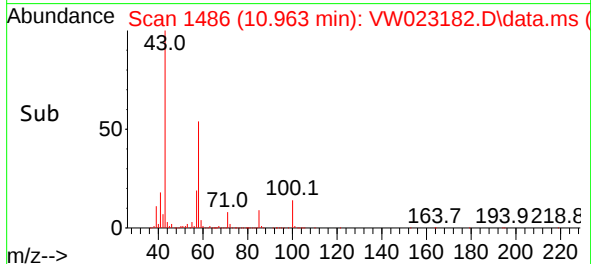
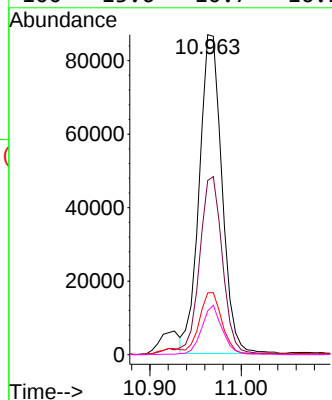
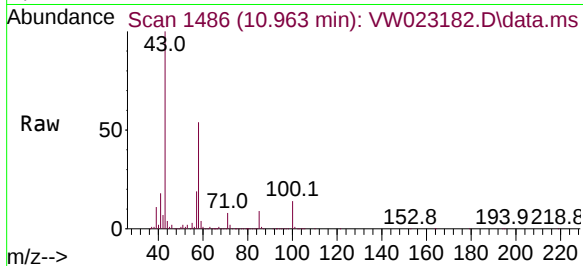




#48
2-Hexanone
Concen: 106.355 ug/L
RT: 10.963 min Scan# 1486
Delta R.T. 0.000 min
Lab File: VW023182.D
Acq: 19 May 2022 18:57

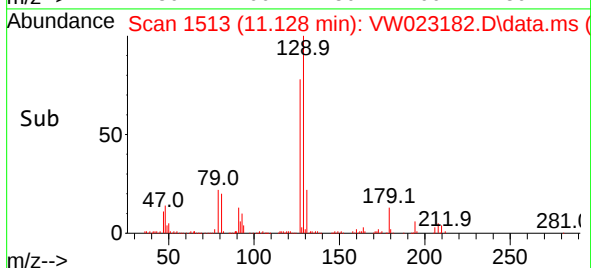
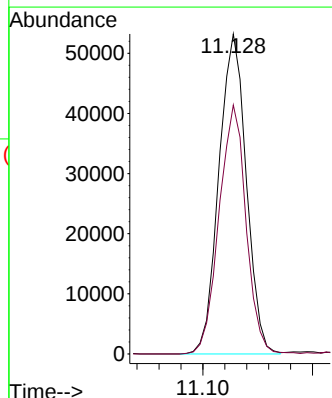
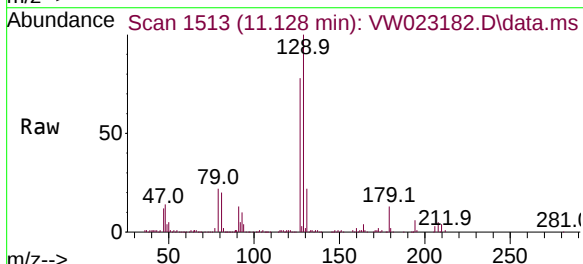
Instrument :
MSVOA_W
ClientSampleId :
DBTF7MS

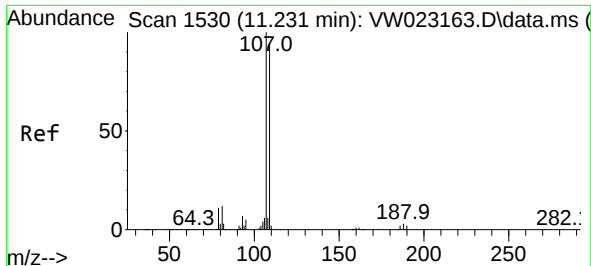
Tgt Ion: 43 Resp: 150098
Ion Ratio Lower Upper
43 100
58 55.0 45.9 68.9
57 19.0 16.2 24.2
100 13.6 10.7 16.1



#49
Dibromochloromethane
Concen: 27.379 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VW023182.D
Acq: 19 May 2022 18:57

Tgt Ion: 129 Resp: 92314
Ion Ratio Lower Upper
129 100
127 77.8 53.8 100.0





#50

1,2-Dibromoethane

Concen: 30.661 ug/L

RT: 11.232 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW023182.D

Acq: 19 May 2022 18:57

Instrument :

MSVOA_W

ClientSampleId :

DBTF7MS

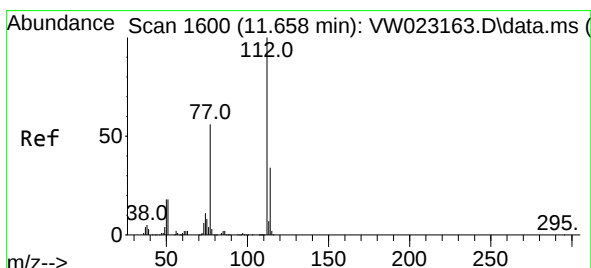
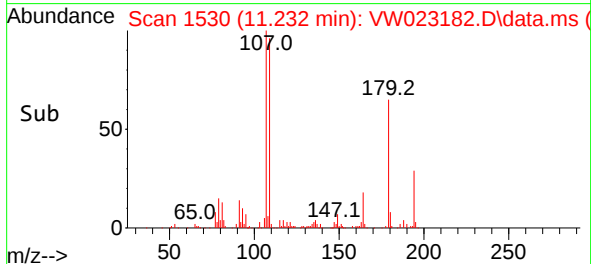
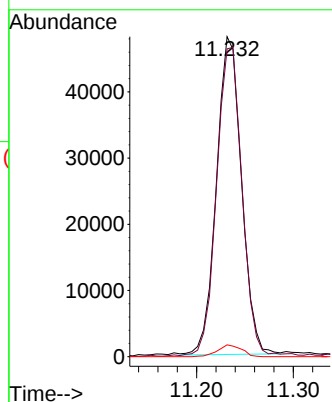
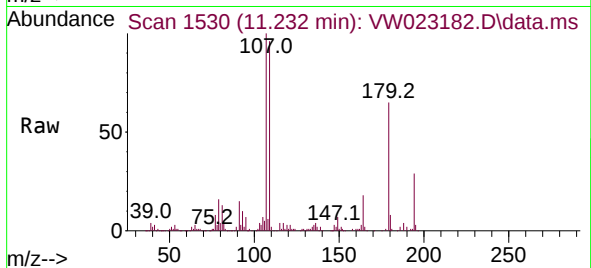
Tgt Ion:107 Resp: 86248

Ion Ratio Lower Upper

107 100

109 96.2 67.5 125.4

188 3.7 2.9 4.3



#51

Chlorobenzene

Concen: 18.443 ug/L

RT: 11.658 min Scan# 1600

Delta R.T. 0.000 min

Lab File: VW023182.D

Acq: 19 May 2022 18:57

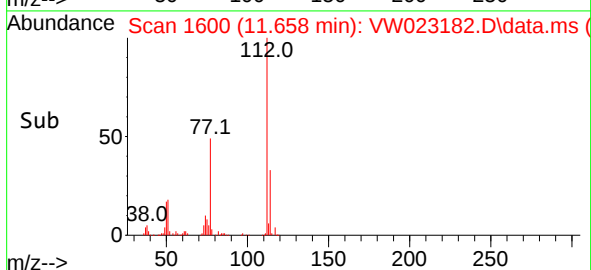
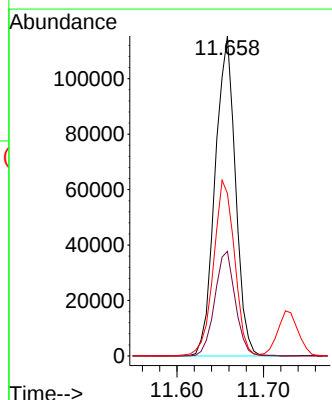
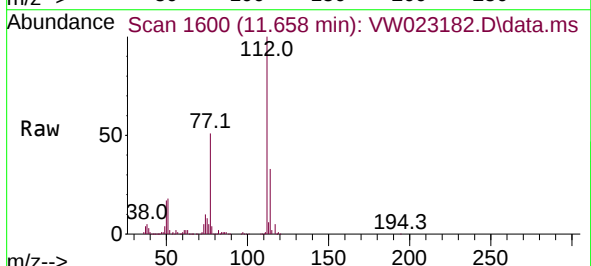
Tgt Ion:112 Resp: 188697

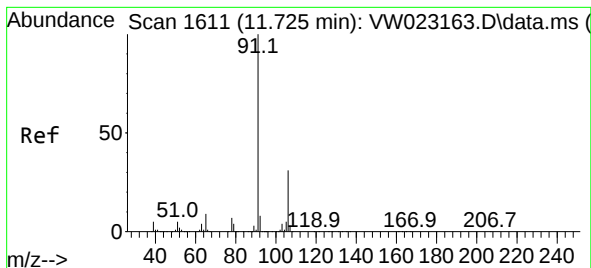
Ion Ratio Lower Upper

112 100

114 32.7 22.0 41.0

77 50.8 42.6 63.8

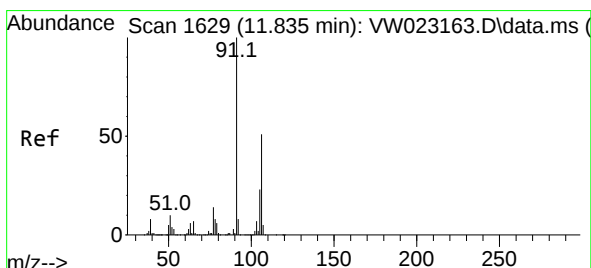
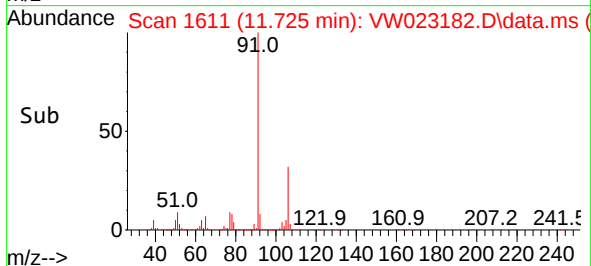
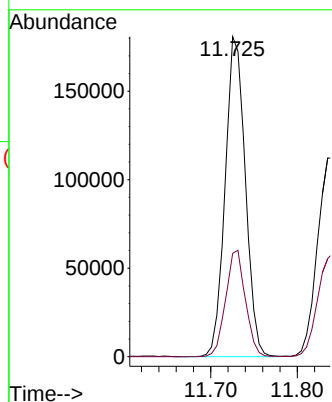
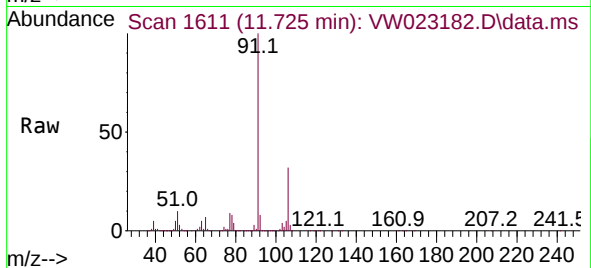




#52
Ethylbenzene
Concen: 16.952 ug/L
RT: 11.725 min Scan# 1611
Delta R.T. 0.000 min
Lab File: VW023182.D
Acq: 19 May 2022 18:57

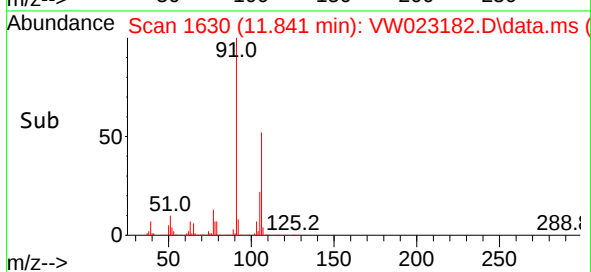
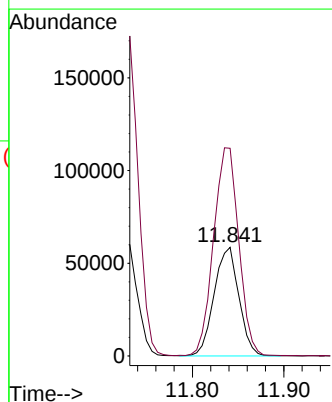
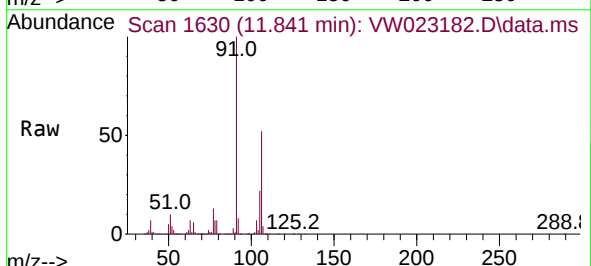
Instrument :
MSVOA_W
ClientSampleId :
DBTF7MS

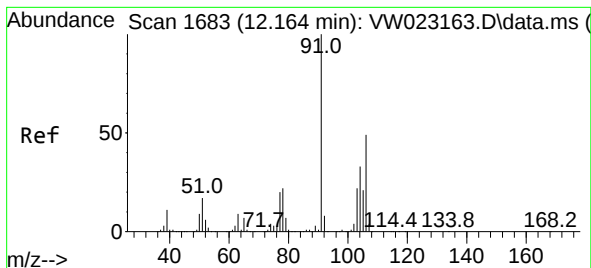
Tgt Ion: 91 Resp: 292687
Ion Ratio Lower Upper
91 100
106 32.3 22.3 41.3



#53
m,p-Xylene
Concen: 16.213 ug/L
RT: 11.841 min Scan# 1630
Delta R.T. 0.006 min
Lab File: VW023182.D
Acq: 19 May 2022 18:57

Tgt Ion:106 Resp: 110295
Ion Ratio Lower Upper
106 100
91 191.1 136.8 254.0





#54

o-Xylene

Concen: 17.173 ug/L

RT: 12.164 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW023182.D

Acq: 19 May 2022 18:57

Instrument :

MSVOA_W

ClientSampleId :

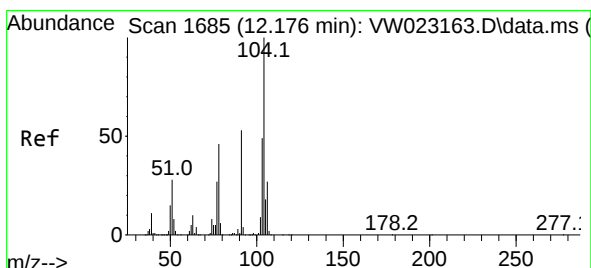
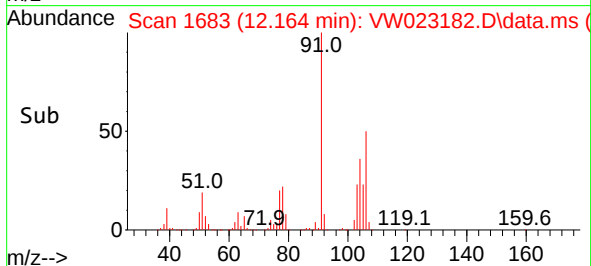
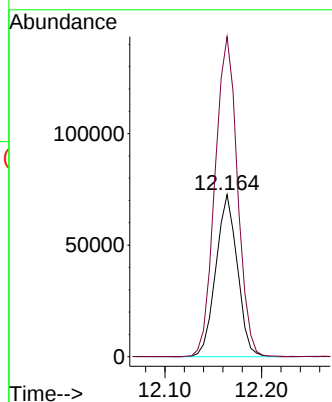
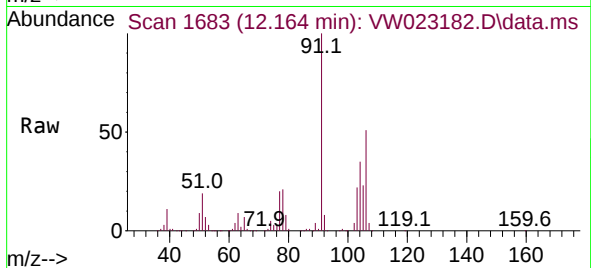
DBTF7MS

Tgt Ion:106 Resp: 112110

Ion Ratio Lower Upper

106 100

91 197.5 147.2 273.4



#55

Styrene

Concen: 17.750 ug/L

RT: 12.176 min Scan# 1685

Delta R.T. 0.000 min

Lab File: VW023182.D

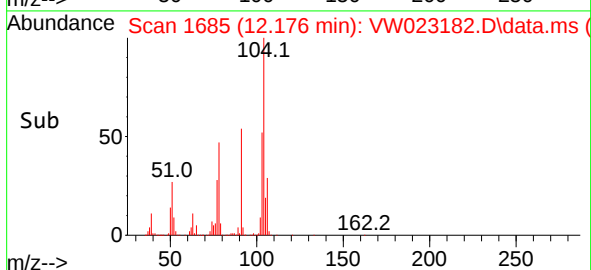
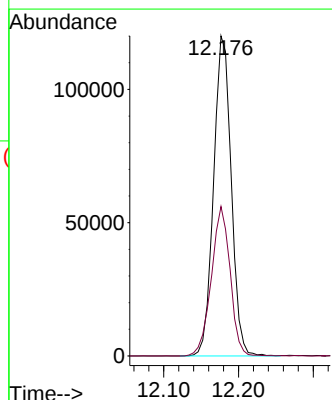
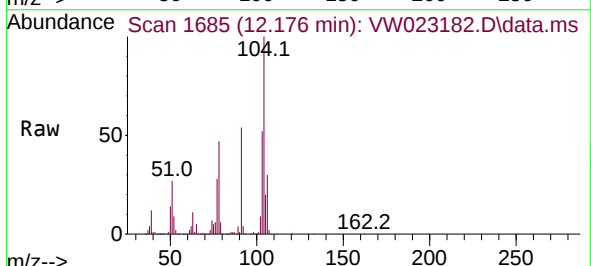
Acq: 19 May 2022 18:57

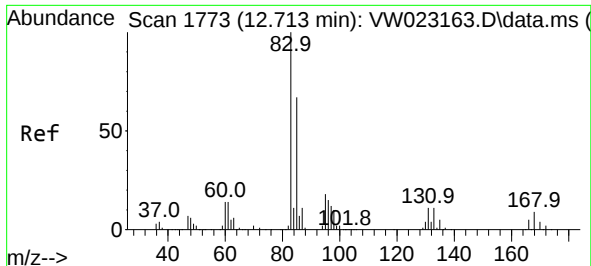
Tgt Ion:104 Resp: 196898

Ion Ratio Lower Upper

104 100

78 46.7 32.3 59.9





#57

1,1,2,2-Tetrachloroethane

Concen: 32.968 ug/L

RT: 12.713 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW023182.D

Acq: 19 May 2022 18:57

Instrument :

MSVOA_W

ClientSampleId :

DBTF7MS

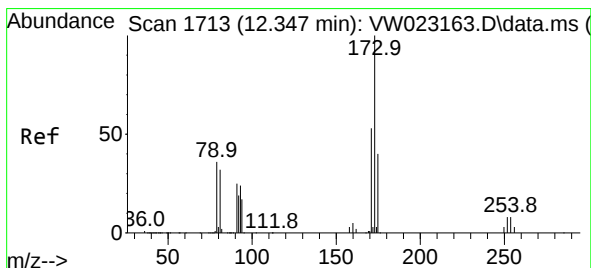
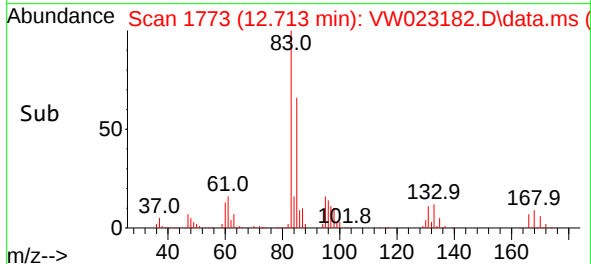
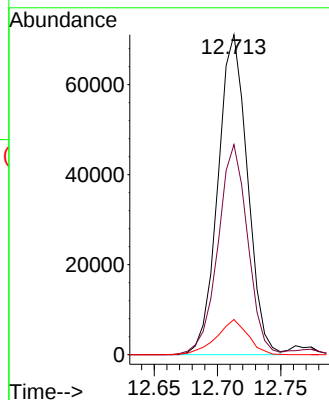
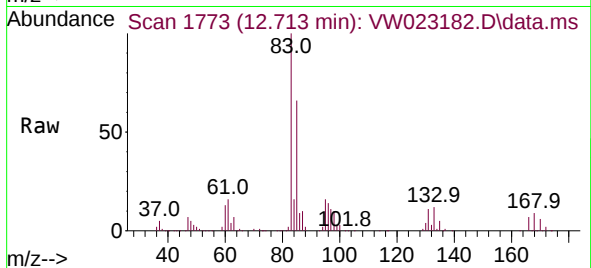
Tgt Ion: 83 Resp: 115356

Ion Ratio Lower Upper

83 100

85 65.7 47.5 88.1

131 11.0 8.7 13.1



#59

Bromoform

Concen: 47.055 ug/L

RT: 12.347 min Scan# 1713

Delta R.T. 0.000 min

Lab File: VW023182.D

Acq: 19 May 2022 18:57

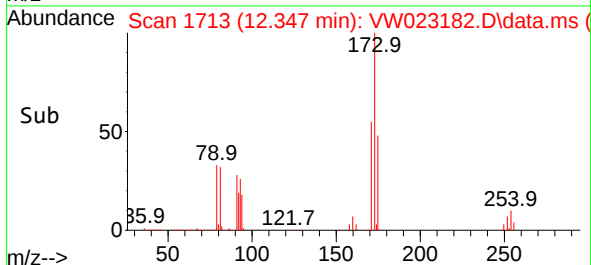
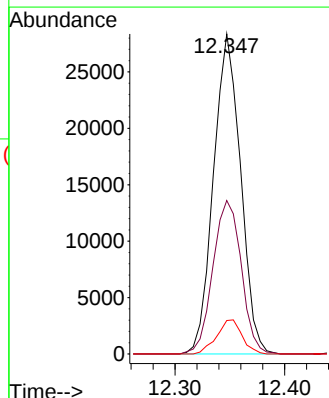
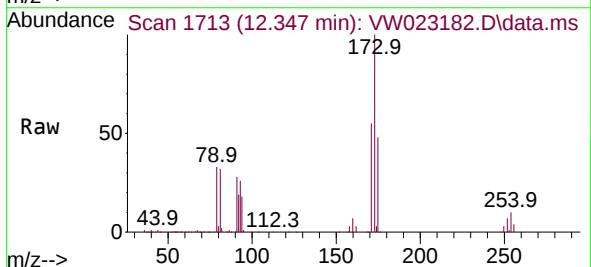
Tgt Ion: 173 Resp: 48637

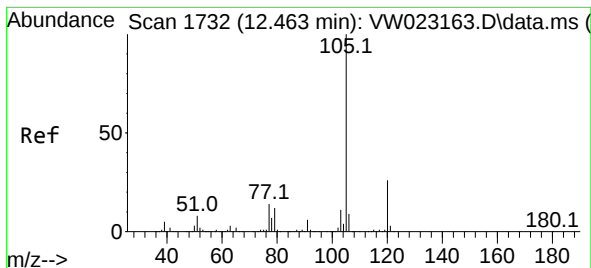
Ion Ratio Lower Upper

173 100

175 50.3 38.1 57.1

254 10.0 6.5 9.7#





#60

Isopropylbenzene

Concen: 23.904 ug/L

RT: 12.463 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW023182.D

Acq: 19 May 2022 18:57

Instrument :

MSVOA_W

ClientSampleId :

DBTF7MS

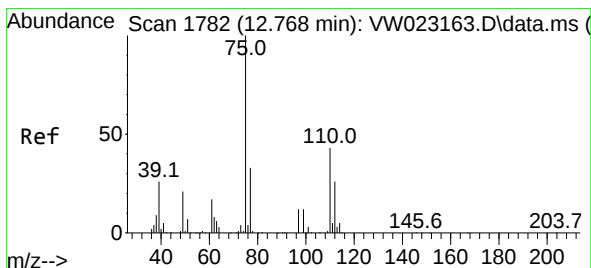
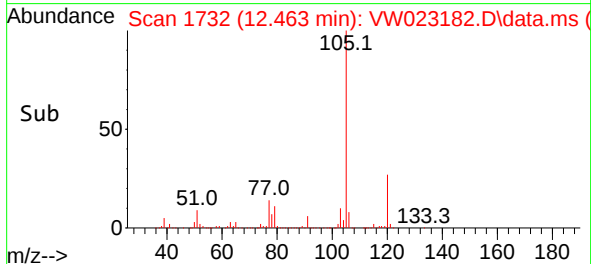
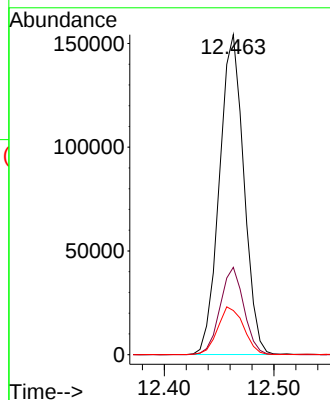
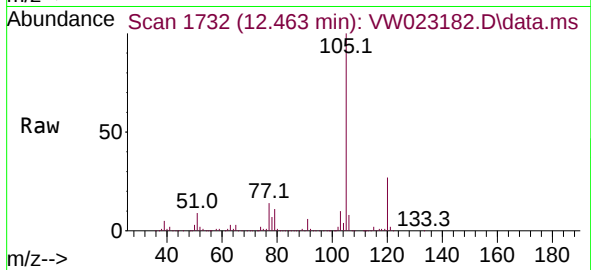
Tgt Ion:105 Resp: 238841

Ion Ratio Lower Upper

105 100

120 26.6 21.3 31.9

77 15.9 12.6 19.0



#61

1,2,3-Trichloropropane

Concen: 63.054 ug/L

RT: 12.768 min Scan# 1782

Delta R.T. 0.000 min

Lab File: VW023182.D

Acq: 19 May 2022 18:57

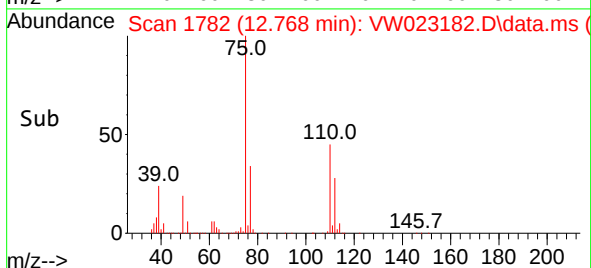
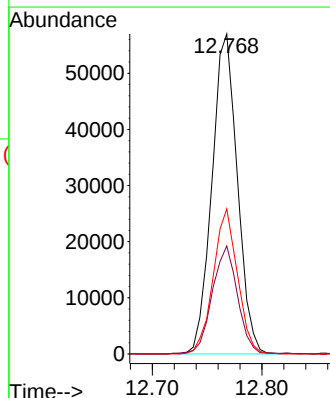
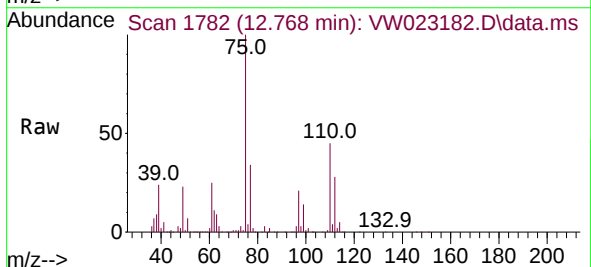
Tgt Ion: 75 Resp: 91889

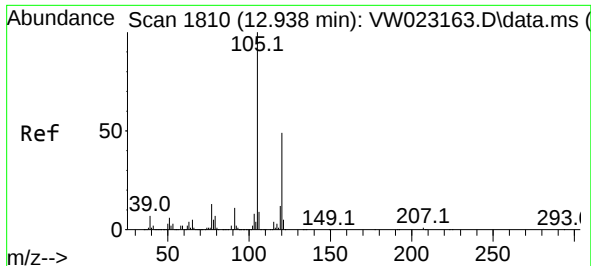
Ion Ratio Lower Upper

75 100

77 33.5 26.2 39.2

110 43.3 34.1 51.1

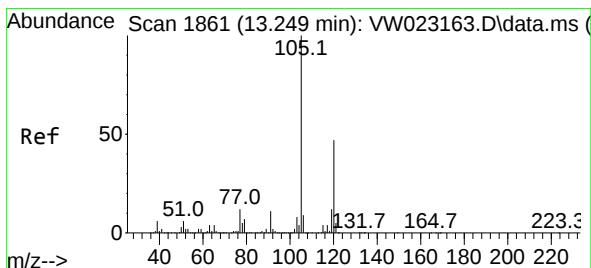
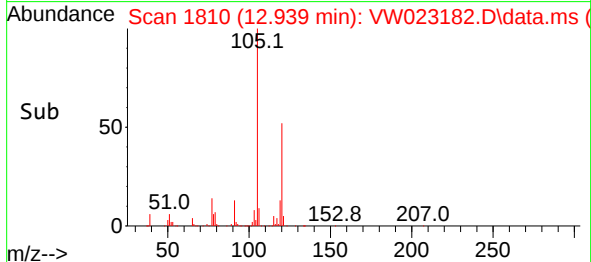
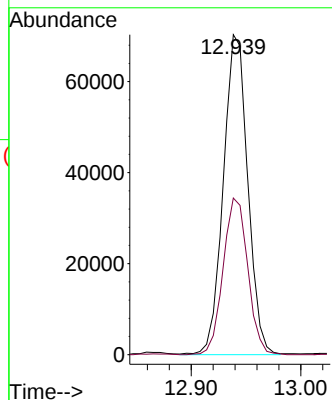
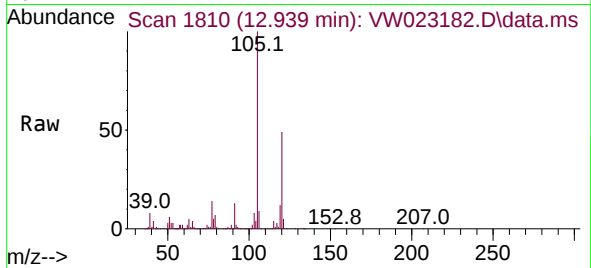




#62
1,3,5-Trimethylbenzene
Concen: 19.611 ug/L
RT: 12.939 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VW023182.D
Acq: 19 May 2022 18:57

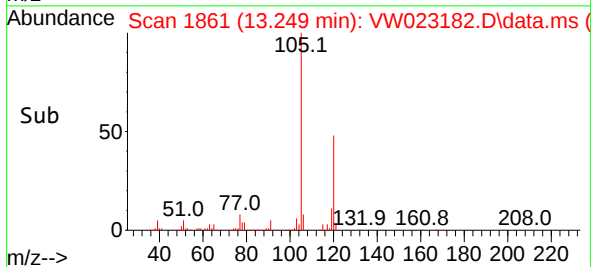
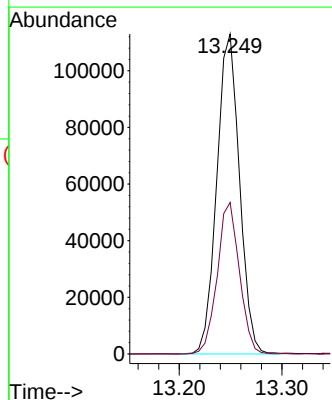
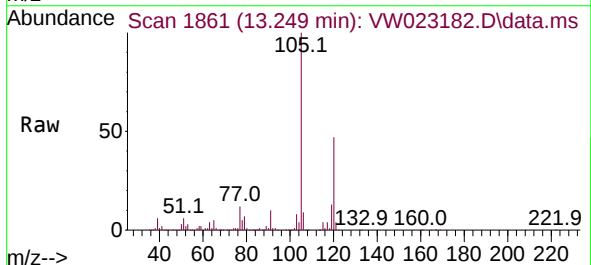
Instrument :
MSVOA_W
ClientSampleId :
DBTF7MS

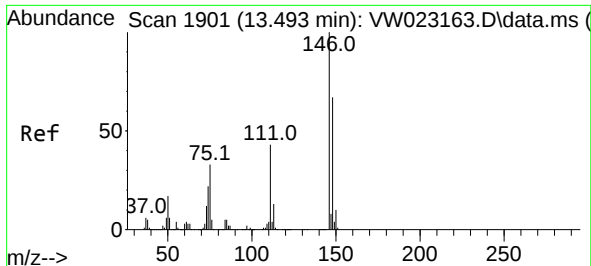
Tgt Ion:105 Resp: 109012
Ion Ratio Lower Upper
105 100
120 49.3 38.9 58.3



#63
1,2,4-Trimethylbenzene
Concen: 20.741 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. 0.000 min
Lab File: VW023182.D
Acq: 19 May 2022 18:57

Tgt Ion:105 Resp: 173123
Ion Ratio Lower Upper
105 100
120 46.2 37.4 56.2

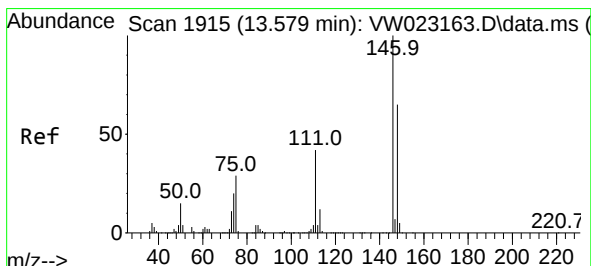
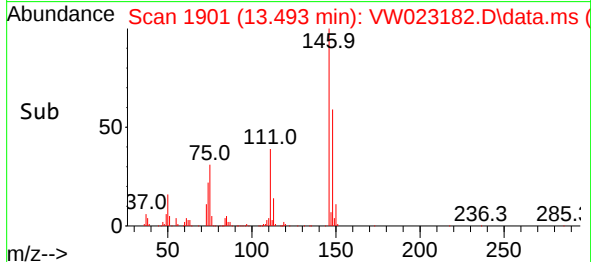
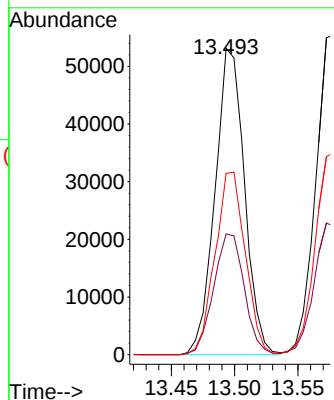
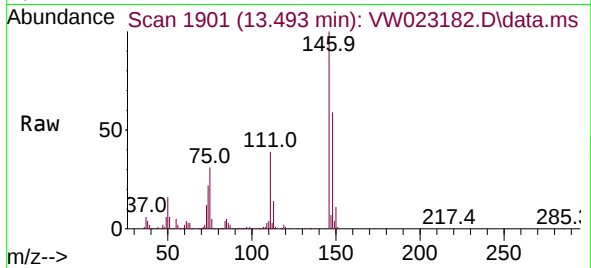




#64
1,3-Dichlorobenzene
Concen: 19.285 ug/L
RT: 13.493 min Scan# 1901
Delta R.T. 0.000 min
Lab File: VW023182.D
Acq: 19 May 2022 18:57

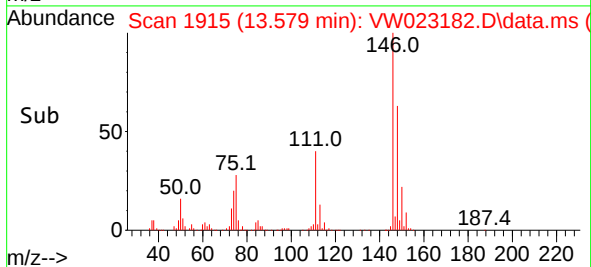
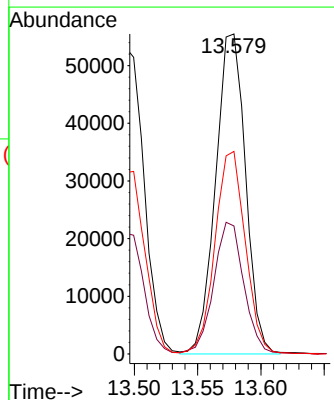
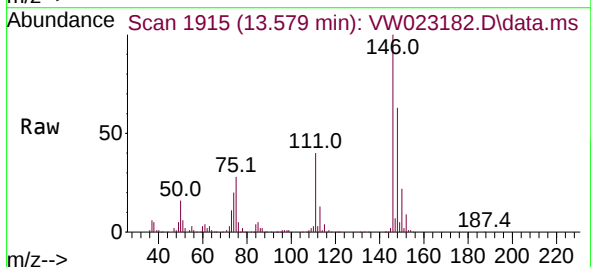
Instrument :
MSVOA_W
ClientSampleId :
DBTF7MS

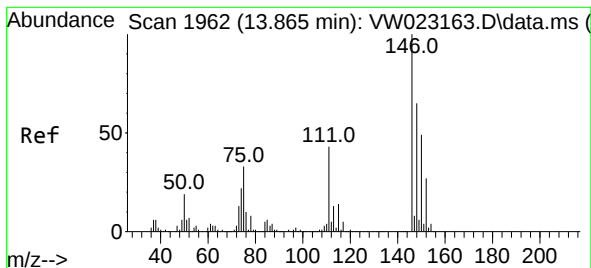
Tgt Ion:146 Resp: 86029
Ion Ratio Lower Upper
146 100
111 39.4 29.5 54.9
148 59.1 48.6 90.2



#65
1,4-Dichlorobenzene
Concen: 19.837 ug/L
RT: 13.579 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VW023182.D
Acq: 19 May 2022 18:57

Tgt Ion:146 Resp: 91406
Ion Ratio Lower Upper
146 100
111 40.0 27.2 50.4
148 63.3 44.0 81.6





#67

1,2-Dichlorobenzene

Concen: 22.110 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. 0.000 min

Lab File: VW023182.D

Acq: 19 May 2022 18:57

Instrument :

MSVOA_W

ClientSampleId :

DBTF7MS

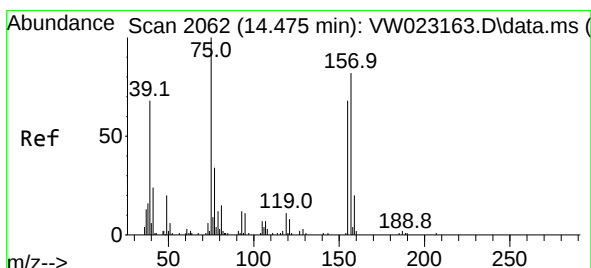
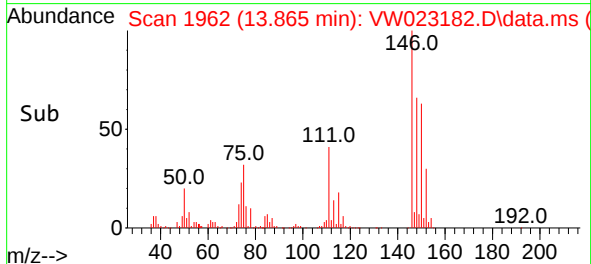
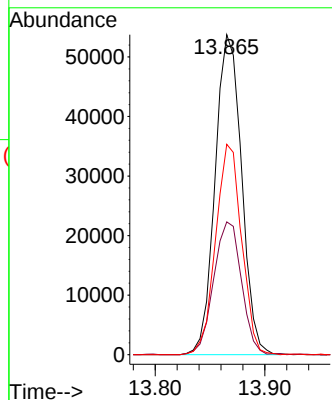
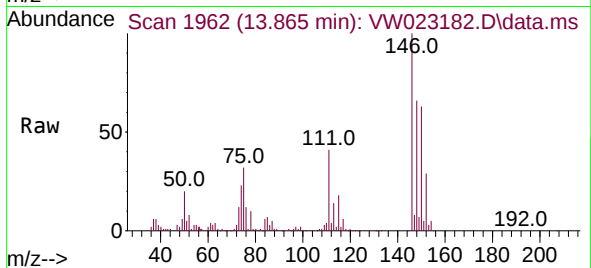
Tgt Ion:146 Resp: 90259

Ion Ratio Lower Upper

146 100

111 41.5 35.7 53.5

148 65.7 52.6 79.0



#68

1,2-Dibromo-3-chloropropane

Concen: 58.186 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. 0.006 min

Lab File: VW023182.D

Acq: 19 May 2022 18:57

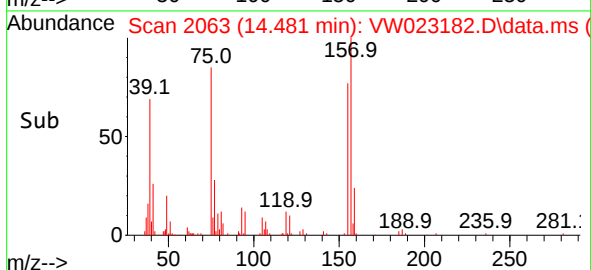
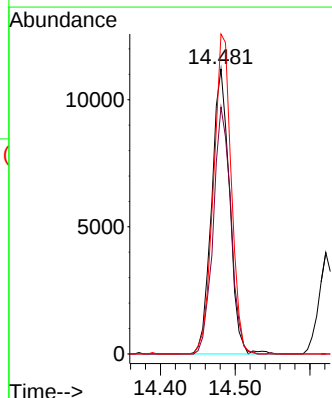
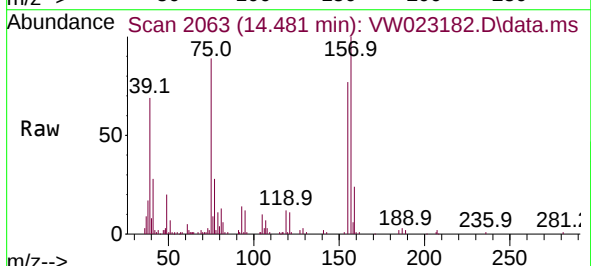
Tgt Ion: 75 Resp: 18532

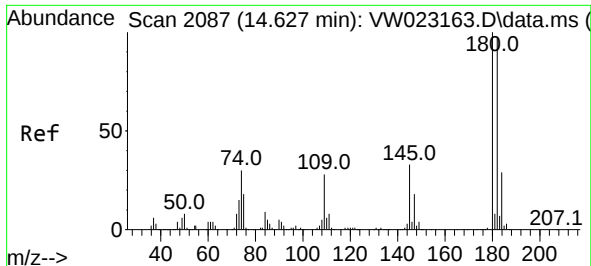
Ion Ratio Lower Upper

75 100

155 86.7 59.3 88.9

157 112.3 89.8 134.8

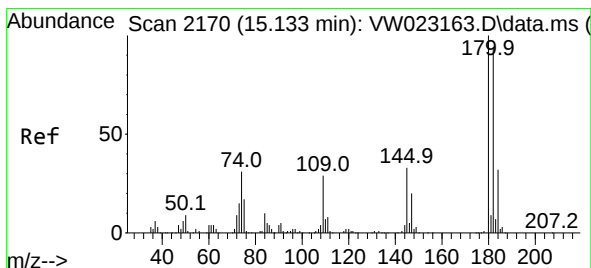
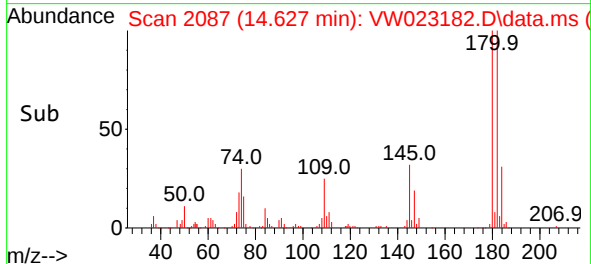
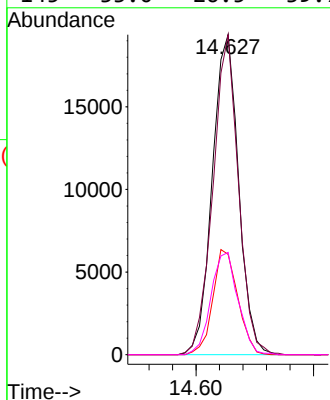
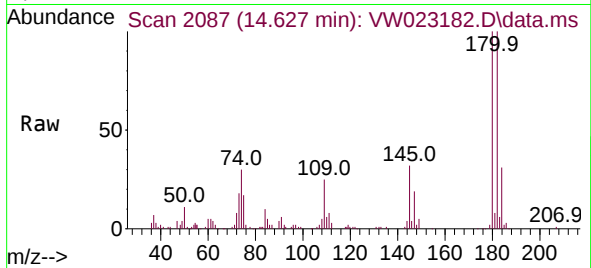




#69
1,3,5-Trichlorobenzene
Concen: 10.148 ug/L
RT: 14.627 min Scan# 2087
Delta R.T. 0.000 min
Lab File: VW023182.D
Acq: 19 May 2022 18:57

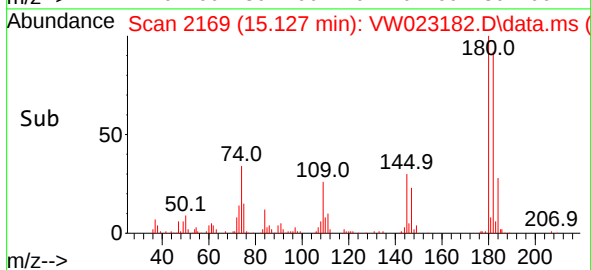
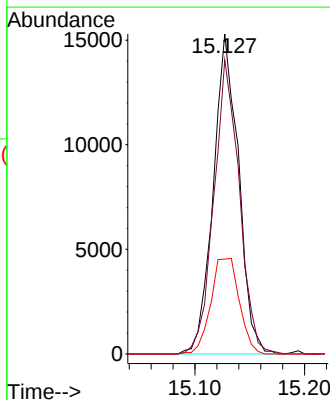
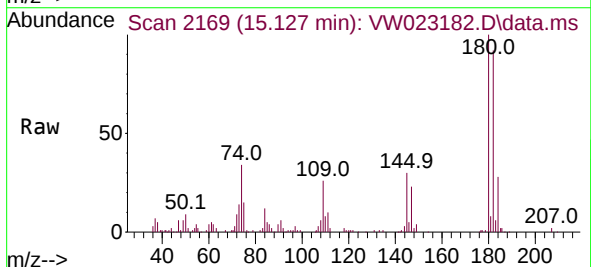
Instrument :
MSVOA_W
ClientSampleId :
DBTF7MS

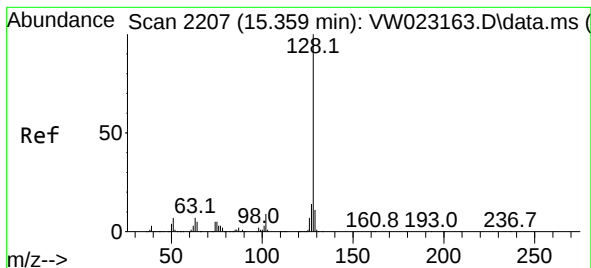
Tgt Ion:	180	Resp:	30050
Ion Ratio	Lower	Upper	
180	100		
182	96.8	74.8	112.2
184	31.2	23.4	35.2
145	33.0	26.5	39.7



#70
1,2,4-trichlorobenzene
Concen: 10.294 ug/L
RT: 15.127 min Scan# 2169
Delta R.T. -0.006 min
Lab File: VW023182.D
Acq: 19 May 2022 18:57

Tgt Ion:	180	Resp:	24521
Ion Ratio	Lower	Upper	
180	100		
182	92.3	74.9	112.3
145	33.7	26.6	39.8





#71

Naphthalene

Concen: 26.585 ug/L

RT: 15.359 min Scan# 2207

Delta R.T. 0.000 min

Lab File: VW023182.D

Acq: 19 May 2022 18:57

Instrument :

MSVOA_W

ClientSampleId :

DBTF7MS

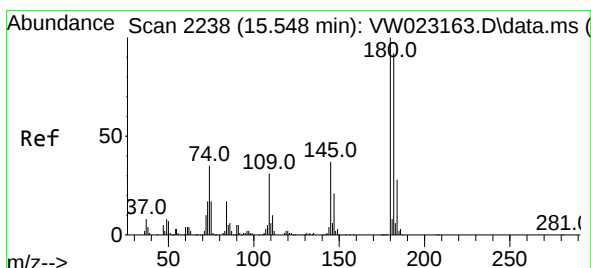
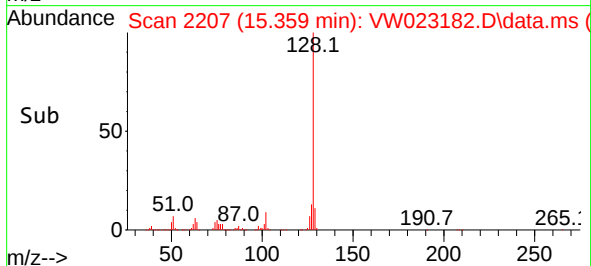
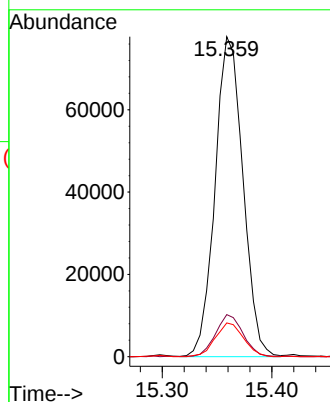
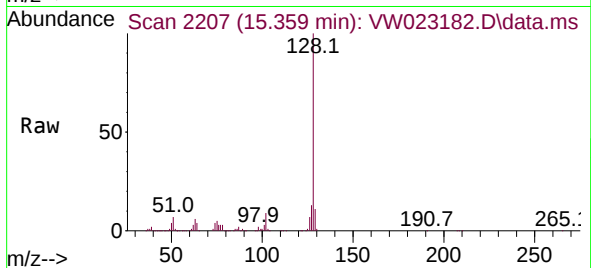
Tgt Ion:128 Resp: 137636

Ion Ratio Lower Upper

128 100

127 13.0 10.6 16.0

129 10.7 8.7 13.1



#72

1,2,3-Trichlorobenzene

Concen: 10.804 ug/L

RT: 15.548 min Scan# 2238

Delta R.T. 0.000 min

Lab File: VW023182.D

Acq: 19 May 2022 18:57

Tgt Ion:180 Resp: 22809

Ion Ratio Lower Upper

180 100

182 98.5 73.5 110.3

145 34.7 27.9 41.9

