

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW051922\
 Data File : VW023163.D
 Acq On : 19 May 2022 09:44
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025541

Quant Time: May 20 01:43:14 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050222SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu May 19 04:23:21 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	303039	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	295476	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	168487	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	125541	20.192	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.760%
7) Chloroethane-d5	2.885	69	101318	25.049	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	100.200%
11) 1,1-Dichloroethene-d2	4.013	63	182758	22.750	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	91.000%
21) 2-Butanone-d5	7.074	46	58599	49.572	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	99.140%
24) Chloroform-d	7.647	84	242511	27.315	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	109.240%
26) 1,2-Dichloroethane-d4	8.305	65	128367	26.362	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	105.440%
32) Benzene-d6	8.275	84	446361	26.209	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	104.840%
36) 1,2-Dichloropropane-d6	9.274	67	125195	26.169	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	104.680%
41) Toluene-d8	10.323	98	419403	25.492	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	101.960%
43) trans-1,3-Dichloroprop...	10.573	79	54122	24.570	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	98.280%
47) 2-Hexanone-d5	10.920	63	47924	52.475	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	104.960%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	120477	27.018	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	108.080%
66) 1,2-Dichlorobenzene-d4	13.847	152	156916	26.642	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	106.560%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.007	85	34603	20.947	ug/L	97
3) Chloromethane	2.215	50	65126	20.401	ug/L	99
5) Vinyl chloride	2.361	62	118972	18.570	ug/L	97
6) Bromomethane	2.776	94	78674	19.126	ug/L	94
8) Chloroethane	2.922	64	67054	21.700	ug/L	99
9) Trichlorofluoromethane	3.257	101	66377	22.669	ug/L	99
12) 1,1-Dichloroethene	4.044	96	87380	22.513	ug/L	86
13) Acetone	4.117	43	38633	43.652	ug/L	99
14) Carbon disulfide	4.385	76	169769	15.955	ug/L	99
15) Methyl Acetate	4.665	43	36703	20.643	ug/L	99
16) Methylene chloride	4.915	84	93294	21.040	ug/L	99
17) trans-1,2-Dichloroethene	5.421	96	90480	20.716	ug/L	98
18) Methyl tert-butyl Ether	5.421	73	158935	23.837	ug/L	99
19) 1,1-Dichloroethane	6.214	63	174935	23.631	ug/L	99
20) cis-1,2-Dichloroethene	7.165	96	108284	23.082	ug/L #	98
22) 2-Butanone	7.171	43	54202	43.792	ug/L	100
23) Bromochloromethane	7.506	128	54076	24.613	ug/L	91
25) Chloroform	7.671	83	209190	25.556	ug/L	96
27) 1,2-Dichloroethane	8.397	62	129902	23.807	ug/L	98

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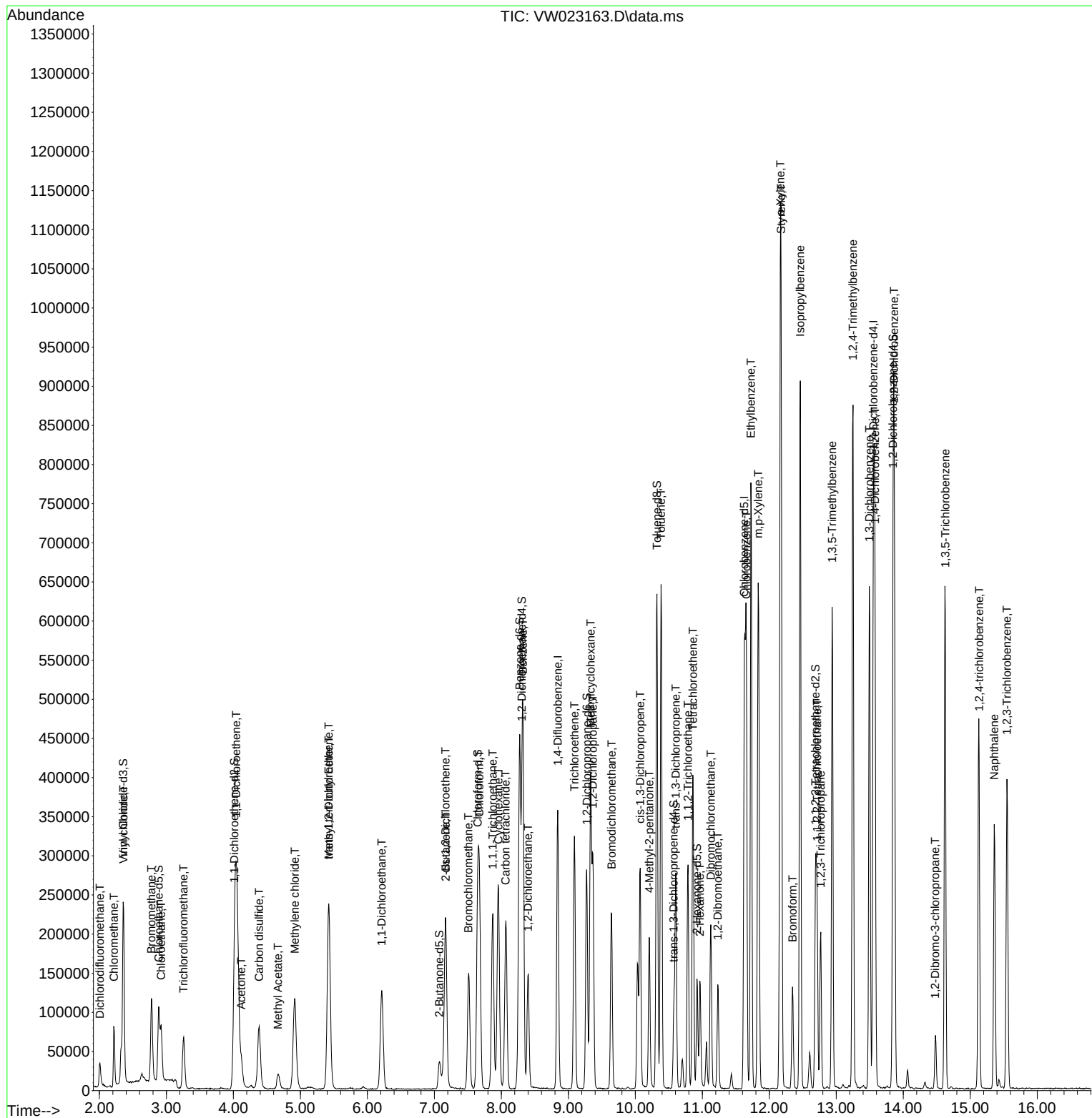
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) Cyclohexane	7.958	56	136569	21.372	ug/L	98
30) 1,1,1-Trichloroethane	7.872	97	177154	25.371	ug/L	100
31) Carbon tetrachloride	8.061	117	158700	24.297	ug/L	99
33) Benzene	8.323	78	416948	23.953	ug/L	100
34) Trichloroethene	9.092	95	109044	22.779	ug/L	98
35) Methylcyclohexane	9.335	83	168177	21.385	ug/L	99
37) 1,2-Dichloropropane	9.366	63	101643	24.130	ug/L	99
38) Bromodichloromethane	9.646	83	147123	24.590	ug/L	98
39) cis-1,3-Dichloropropene	10.073	75	159497	24.420	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	117875	44.397	ug/L	99
42) Toluene	10.384	91	465218	23.848	ug/L	98
44) trans-1,3-Dichloropropene	10.603	75	144156	24.727	ug/L	98
45) 1,1,2-Trichloroethane	10.786	97	87097	24.734	ug/L	98
46) Tetrachloroethene	10.860	164	81648	22.696	ug/L	93
48) 2-Hexanone	10.963	43	85179	48.016	ug/L	98
49) Dibromochloromethane	11.128	129	110443	26.059	ug/L	98
50) 1,2-Dibromoethane	11.231	107	83524	23.622	ug/L	98
51) Chlorobenzene	11.658	112	308124	23.959	ug/L	96
52) Ethylbenzene	11.725	91	538286	24.803	ug/L	99
53) m,p-Xylene	11.835	106	212913	24.898	ug/L	100
54) o-Xylene	12.164	106	205641	25.060	ug/L	96
55) Styrene	12.176	104	358204	25.689	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.713	83	108722	24.719	ug/L	99
59) Bromoform	12.347	173	55856	23.393	ug/L	97
60) Isopropylbenzene	12.463	105	582841	25.251	ug/L	100
61) 1,2,3-Trichloropropane	12.768	75	77292	22.959	ug/L	98
62) 1,3,5-Trimethylbenzene	12.938	105	320389	24.950	ug/L	100
63) 1,2,4-Trimethylbenzene	13.249	105	483649	25.083	ug/L	100
64) 1,3-Dichlorobenzene	13.493	146	256792	24.918	ug/L	98
65) 1,4-Dichlorobenzene	13.579	146	256526	24.099	ug/L	96
67) 1,2-Dichlorobenzene	13.865	146	241676	25.628	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.475	75	16214	22.037	ug/L #	80
69) 1,3,5-Trichlorobenzene	14.627	180	182196	26.634	ug/L	99
70) 1,2,4-trichlorobenzene	15.133	180	135187	24.567	ug/L	96
71) Naphthalene	15.359	128	283952	23.742	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	123726	25.369	ug/L	98

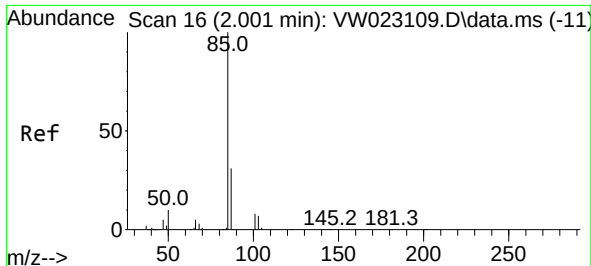
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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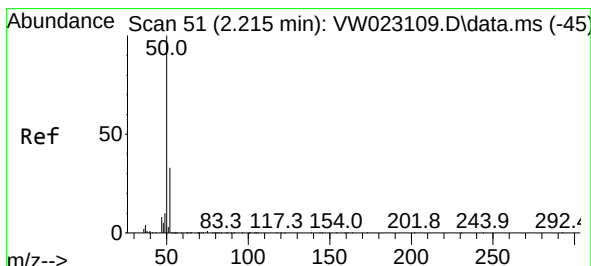
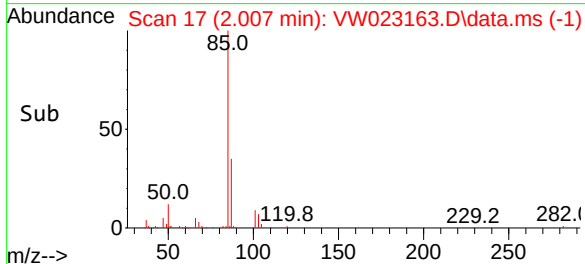
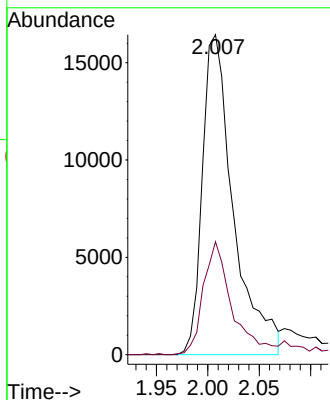
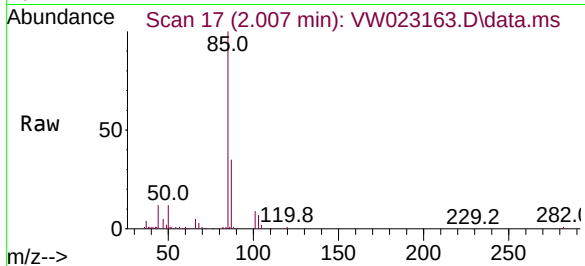




#2
 Dichlorodifluoromethane
 Concen: 20.947 ug/L
 RT: 2.007 min Scan# 1
 Delta R.T. 0.000 min
 Lab File: VW023163.D
 Acq: 19 May 2022 09:44

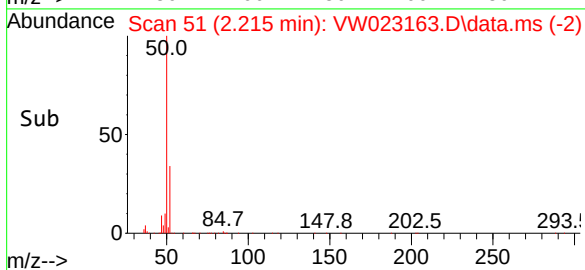
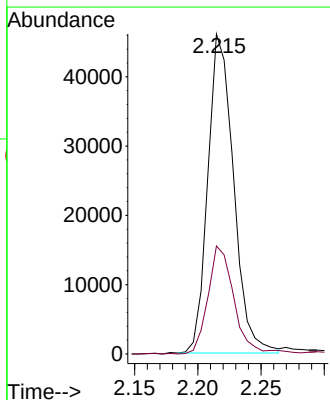
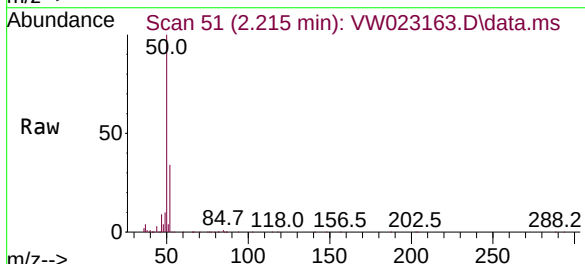
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 MSVOA_W
 ClientSampleId :
 VSTD025541

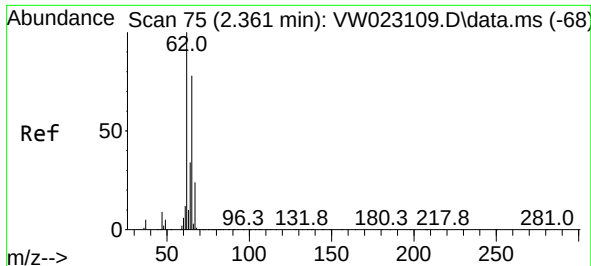
Tgt Ion: 85 Resp: 34603
 Ion Ratio Lower Upper
 85 100
 87 32.8 27.8 41.8



#3
 Chloromethane
 Concen: 20.401 ug/L
 RT: 2.215 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: VW023163.D
 Acq: 19 May 2022 09:44

Tgt Ion: 50 Resp: 65126
 Ion Ratio Lower Upper
 50 100
 52 33.7 23.1 42.9

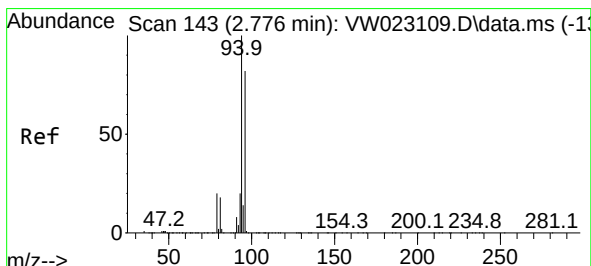
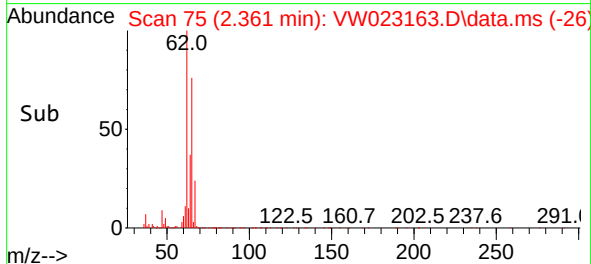
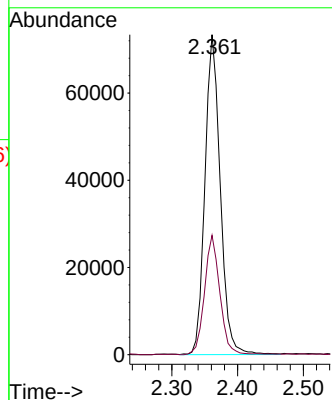
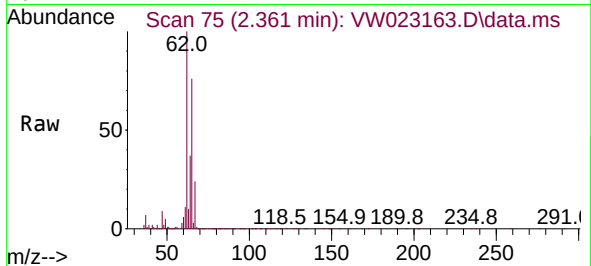




#5
 Vinyl chloride
 Concen: 18.570 ug/L
 RT: 2.361 min Scan# 75
 Delta R.T. 0.000 min
 Lab File: VW023163.D
 Acq: 19 May 2022 09:44

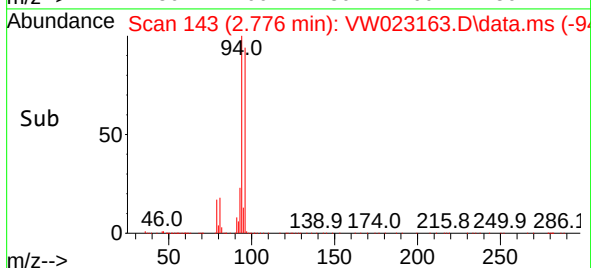
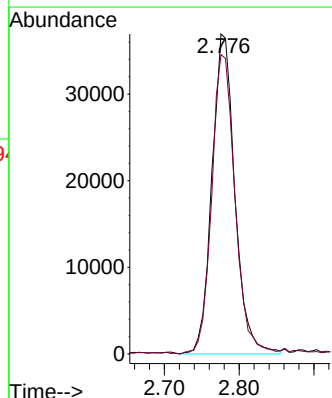
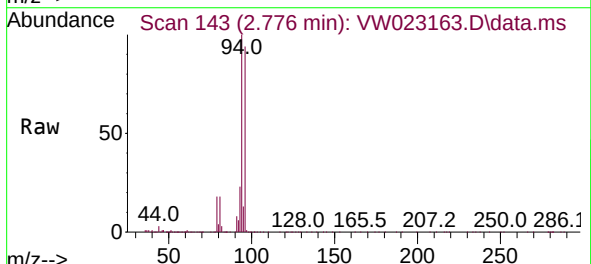
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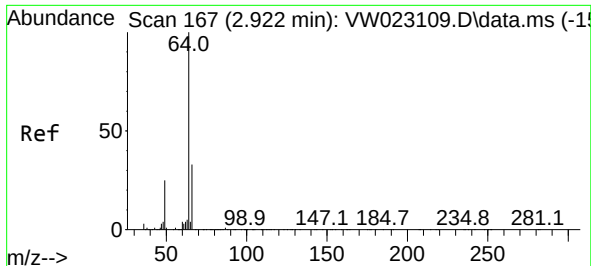
Tgt Ion: 62 Resp: 118972
 Ion Ratio Lower Upper
 62 100
 64 37.3 24.9 46.3



#6
 Bromomethane
 Concen: 19.126 ug/L
 RT: 2.776 min Scan# 143
 Delta R.T. 0.000 min
 Lab File: VW023163.D
 Acq: 19 May 2022 09:44

Tgt Ion: 94 Resp: 78674
 Ion Ratio Lower Upper
 94 100
 96 93.5 61.7 114.5

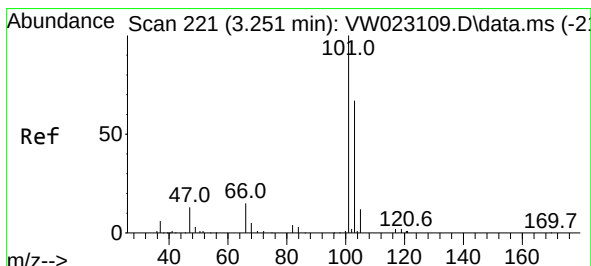
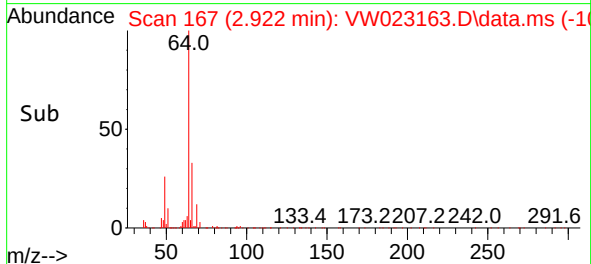
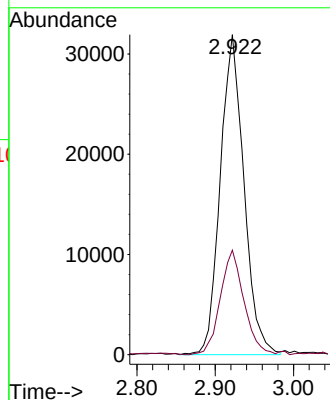
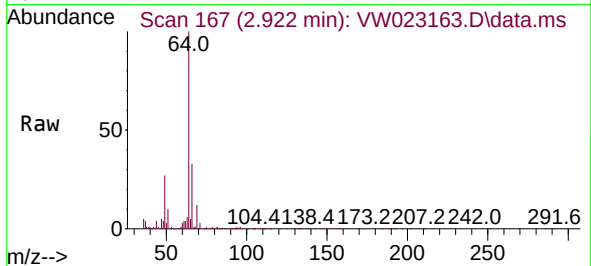




#8
Chloroethane
Concen: 21.700 ug/L
RT: 2.922 min Scan# 167
Delta R.T. 0.000 min
Lab File: VW023163.D
Acq: 19 May 2022 09:44

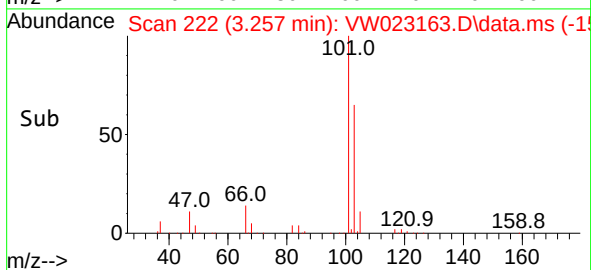
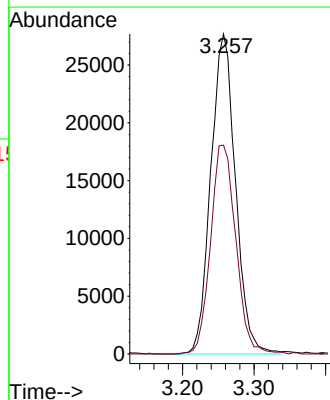
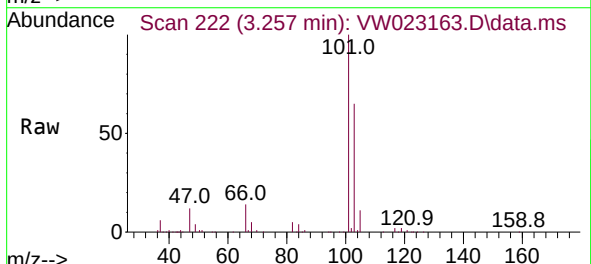
Instrument :
MSVOA_W
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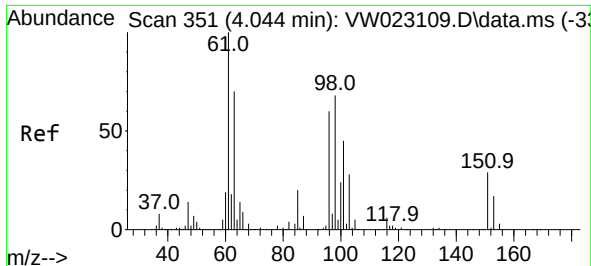
Tgt Ion: 64 Resp: 67054
Ion Ratio Lower Upper
64 100
66 32.7 23.4 43.6



#9
Trichlorofluoromethane
Concen: 22.669 ug/L
RT: 3.257 min Scan# 222
Delta R.T. 0.006 min
Lab File: VW023163.D
Acq: 19 May 2022 09:44

Tgt Ion: 101 Resp: 66377
Ion Ratio Lower Upper
101 100
103 66.7 53.9 80.9



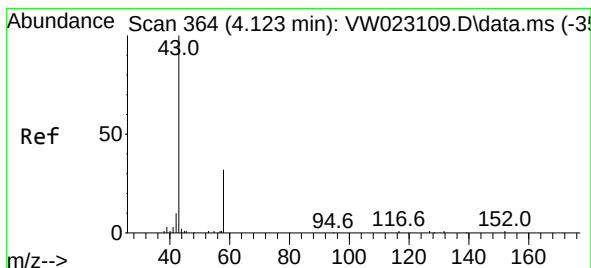
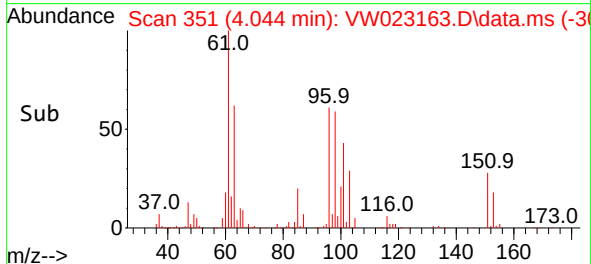
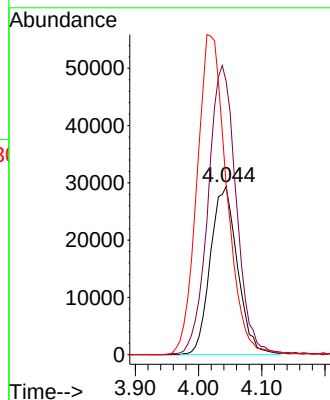
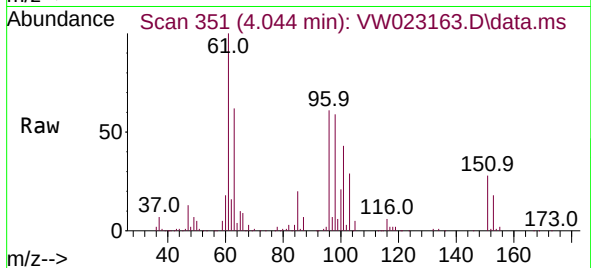


#12
 1,1-Dichloroethene
 Concen: 22.513 ug/L
 RT: 4.044 min Scan# 351
 Delta R.T. 0.000 min
 Lab File: VW023163.D
 Acq: 19 May 2022 09:44

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Tgt Ion: 96 Resp: 87380

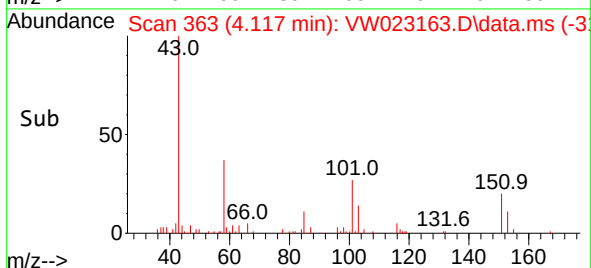
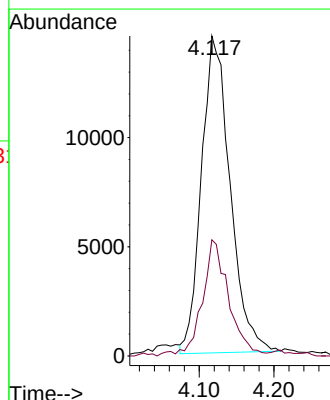
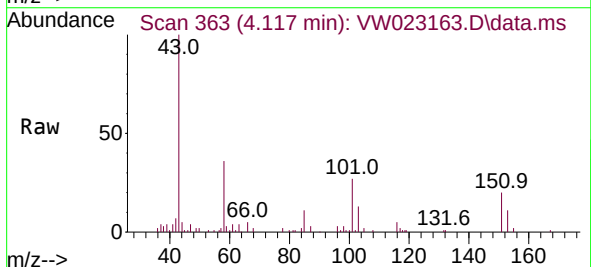
Ion	Ratio	Lower	Upper
96	100		
61	162.6	125.7	233.5
63	101.4	83.4	155.0

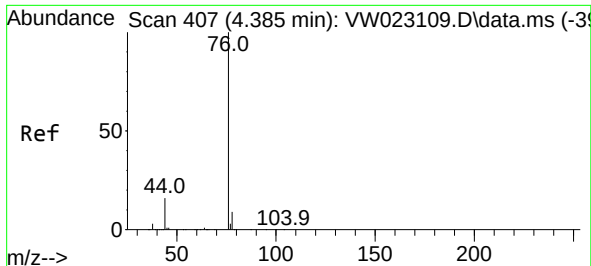


#13
 Acetone
 Concen: 43.652 ug/L
 RT: 4.117 min Scan# 363
 Delta R.T. -0.006 min
 Lab File: VW023163.D
 Acq: 19 May 2022 09:44

Tgt Ion: 43 Resp: 38633

Ion	Ratio	Lower	Upper
43	100		
58	32.8	0.0	64.0

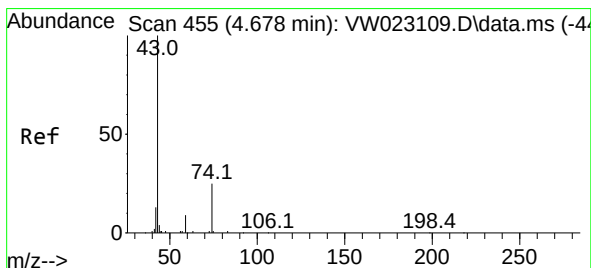
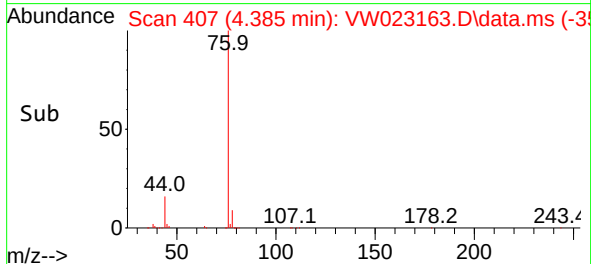
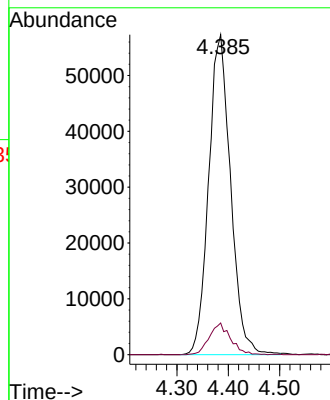
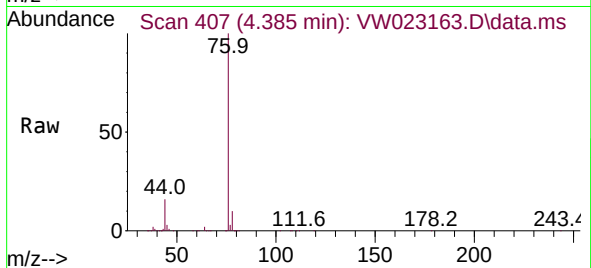




#14
Carbon disulfide
Concen: 15.955 ug/L
RT: 4.385 min Scan# 407
Delta R.T. 0.000 min
Lab File: VW023163.D
Acq: 19 May 2022 09:44

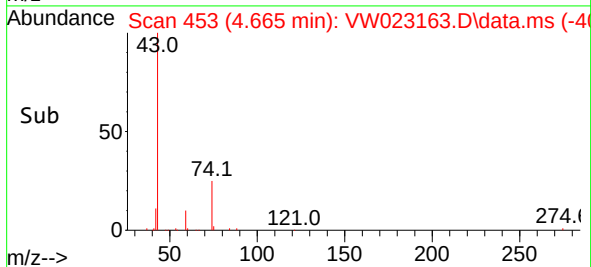
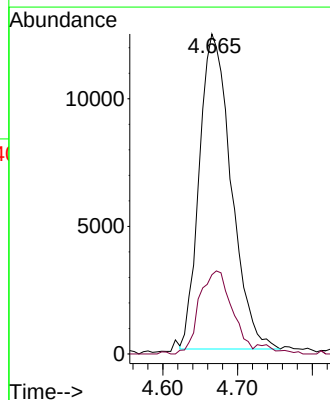
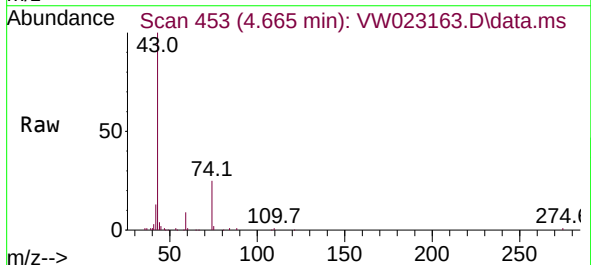
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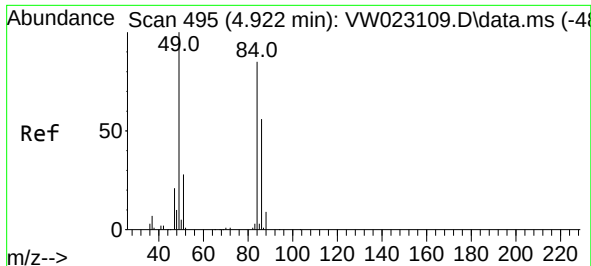
Tgt Ion: 76 Resp: 169769
Ion Ratio Lower Upper
76 100
78 9.9 7.7 11.5



#15
Methyl Acetate
Concen: 20.643 ug/L
RT: 4.665 min Scan# 453
Delta R.T. 0.000 min
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Tgt Ion: 43 Resp: 36703
Ion Ratio Lower Upper
43 100
74 26.9 21.9 32.9

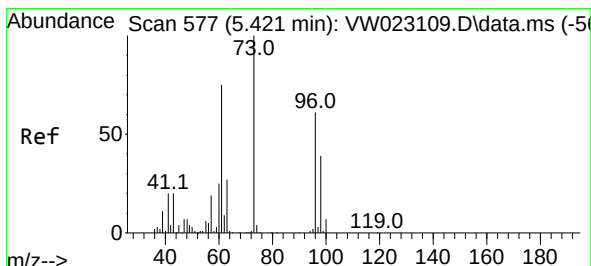
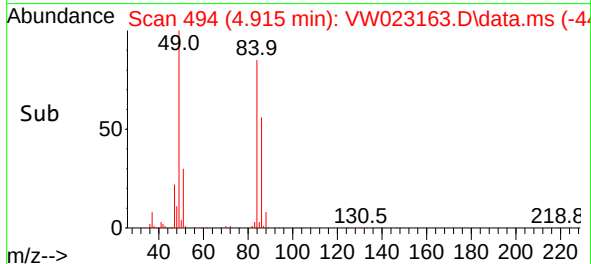
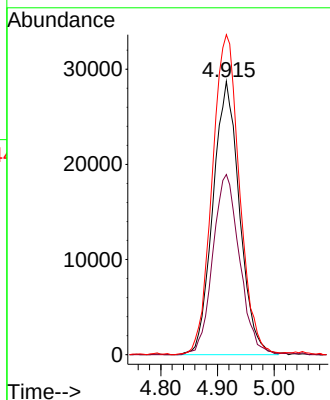
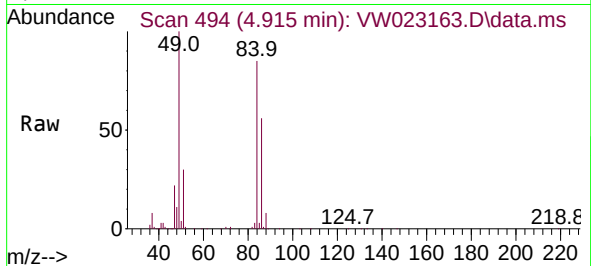




#16
Methylene chloride
Concen: 21.040 ug/L
RT: 4.915 min Scan# 495
Delta R.T. 0.000 min
Lab File: VW023163.D
Acq: 19 May 2022 09:44

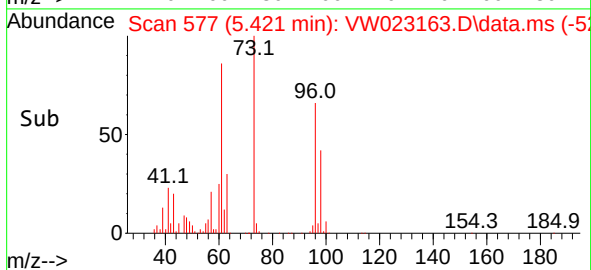
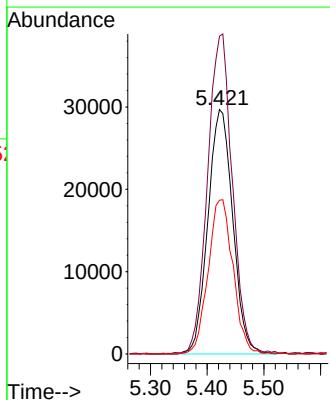
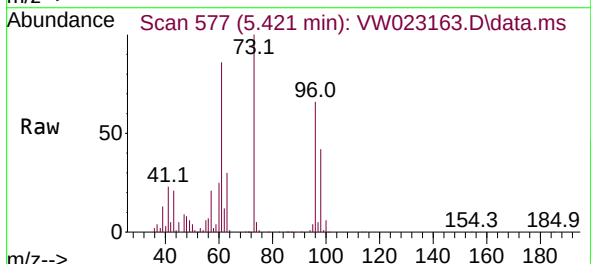
Instrument :
MSVOA_W
ClientSampleId :
VSTD025541

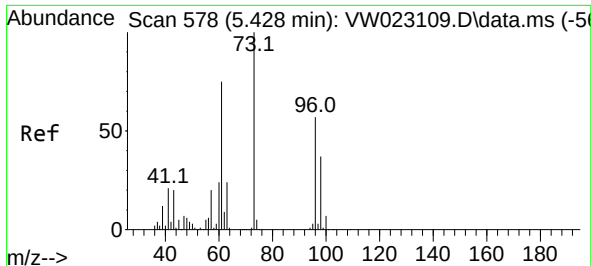
Tgt Ion: 84 Resp: 93294
Ion Ratio Lower Upper
84 100
86 65.9 45.4 84.4
49 117.1 82.5 153.1



#17
trans-1,2-Dichloroethene
Concen: 20.716 ug/L
RT: 5.421 min Scan# 577
Delta R.T. -0.006 min
Lab File: VW023163.D
Acq: 19 May 2022 09:44

Tgt Ion: 96 Resp: 90480
Ion Ratio Lower Upper
96 100
61 130.0 92.2 171.2
98 62.9 42.9 79.7

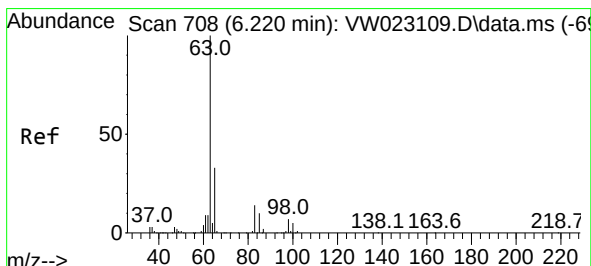
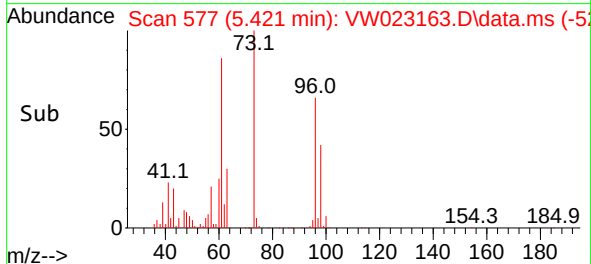
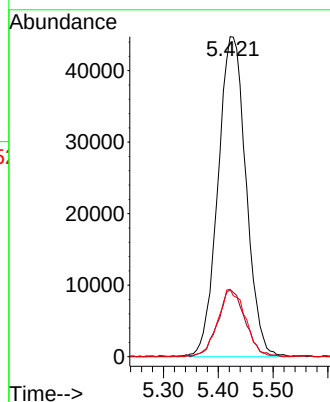
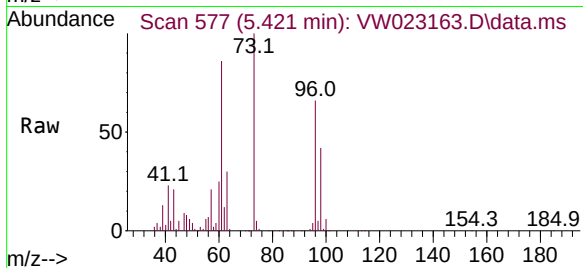




#18
Methyl tert-butyl Ether
Concen: 23.837 ug/L
RT: 5.421 min Scan# 51
Delta R.T. -0.006 min
Lab File: VW023163.D
Acq: 19 May 2022 09:44

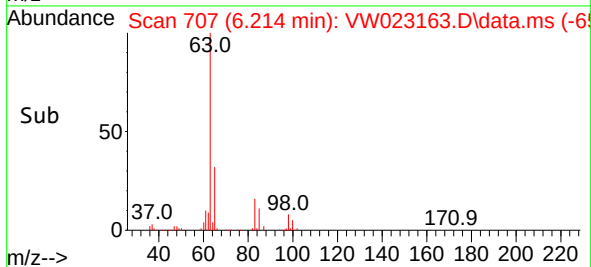
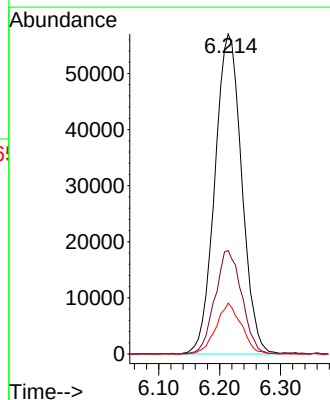
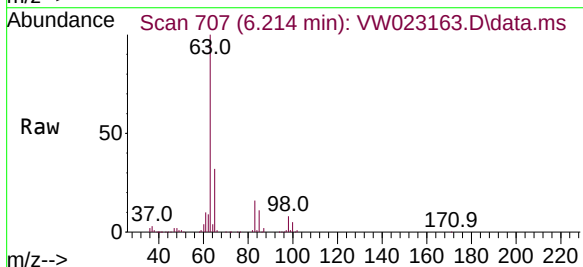
Instrument :
MSVOA_W
ClientSampleId :
VSTD025541

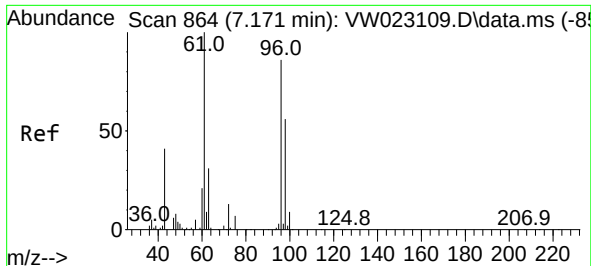
Tgt Ion: 73 Resp: 158935
Ion Ratio Lower Upper
73 100
43 20.4 15.9 23.9
57 20.7 16.5 24.7



#19
1,1-Dichloroethane
Concen: 23.631 ug/L
RT: 6.214 min Scan# 707
Delta R.T. 0.000 min
Lab File: VW023163.D
Acq: 19 May 2022 09:44

Tgt Ion: 63 Resp: 174935
Ion Ratio Lower Upper
63 100
65 32.3 23.3 43.3
83 15.9 11.1 20.5

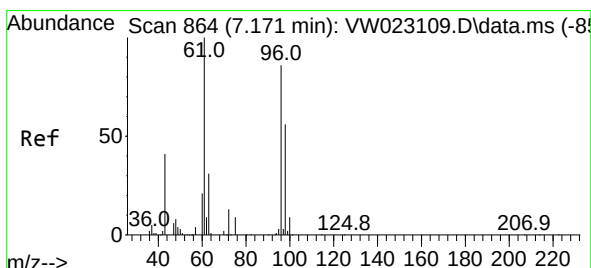
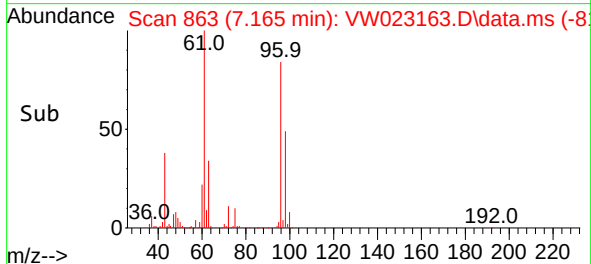
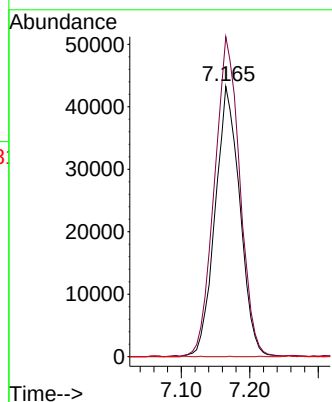
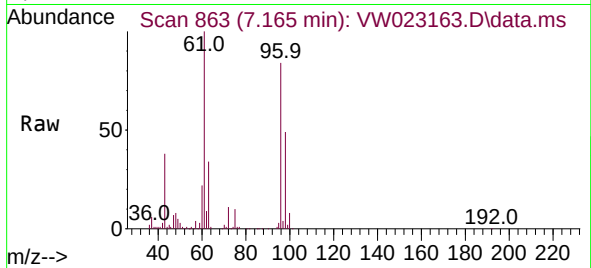




#20
 cis-1,2-Dichloroethene
 Concen: 23.082 ug/L
 RT: 7.165 min Scan# 863
 Delta R.T. 0.000 min
 Lab File: VW023163.D
 Acq: 19 May 2022 09:44

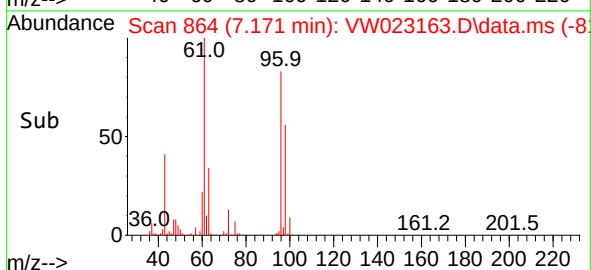
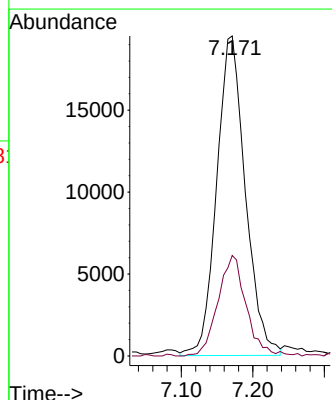
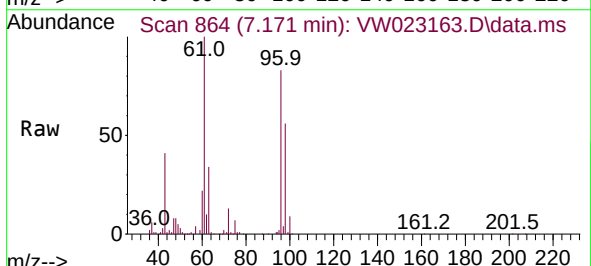
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025541

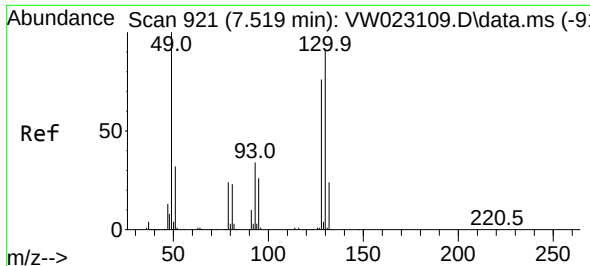
Tgt Ion: 96 Resp: 108284
 Ion Ratio Lower Upper
 96 100
 61 118.4 84.2 156.4
 68 0.0 0.1 0.1#



#22
 2-Butanone
 Concen: 43.792 ug/L
 RT: 7.171 min Scan# 864
 Delta R.T. 0.000 min
 Lab File: VW023163.D
 Acq: 19 May 2022 09:44

Tgt Ion: 43 Resp: 54202
 Ion Ratio Lower Upper
 43 100
 72 30.4 15.1 45.3

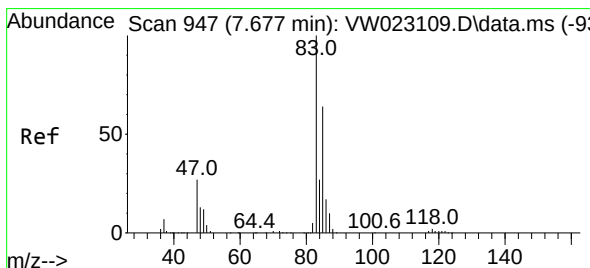
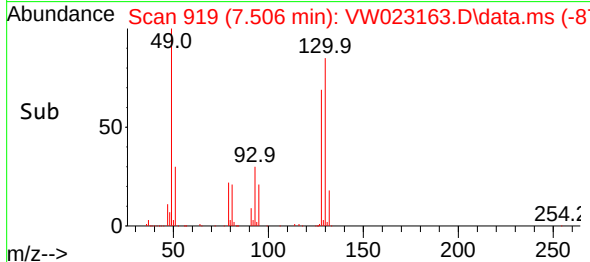
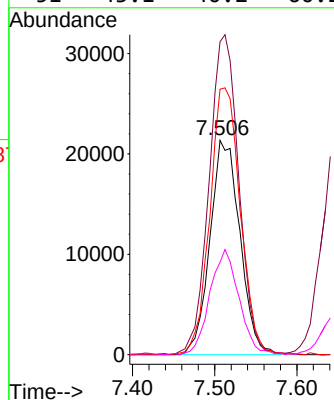
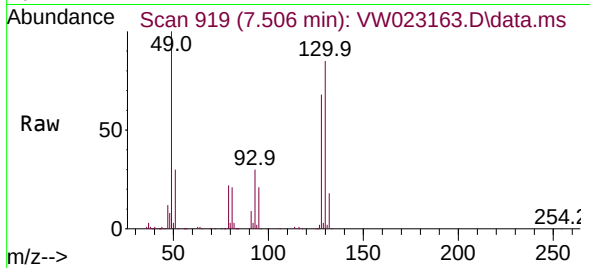




#23
Bromochloromethane
Concen: 24.613 ug/L
RT: 7.506 min Scan# 919
Delta R.T. -0.006 min
Lab File: VW023163.D
Acq: 19 May 2022 09:44

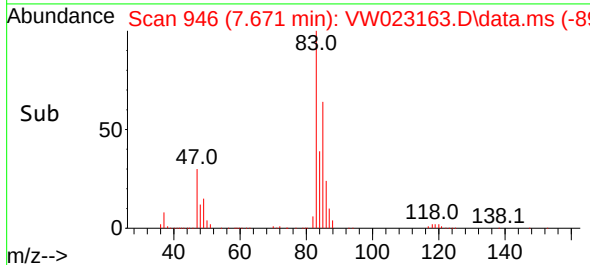
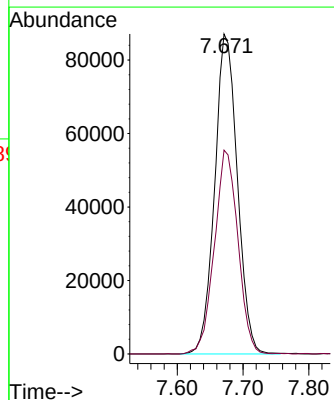
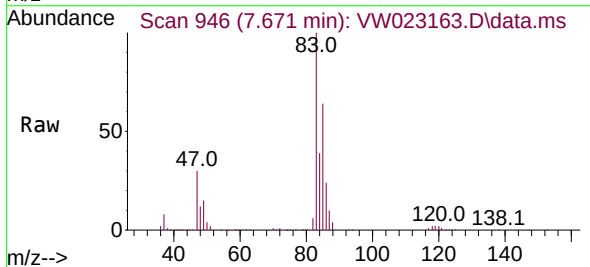
Instrument :
MSVOA_W
ClientSampleId :
VSTD025541

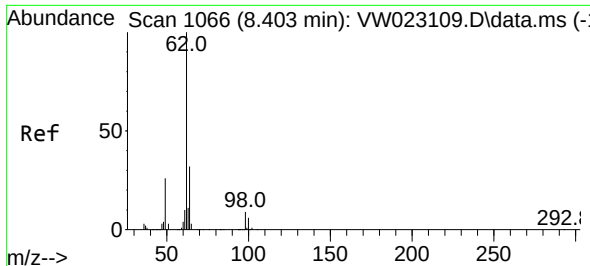
Tgt Ion:	128	Resp:	54076
Ion	Ratio	Lower	Upper
128	100		
49	146.1	110.0	204.4
130	123.8	94.8	176.0
51	43.1	40.2	60.2



#25
Chloroform
Concen: 25.556 ug/L
RT: 7.671 min Scan# 946
Delta R.T. -0.006 min
Lab File: VW023163.D
Acq: 19 May 2022 09:44

Tgt Ion:	83	Resp:	209190
Ion	Ratio	Lower	Upper
83	100		
85	63.7	46.6	86.6

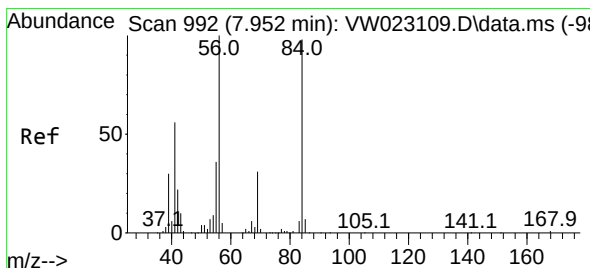
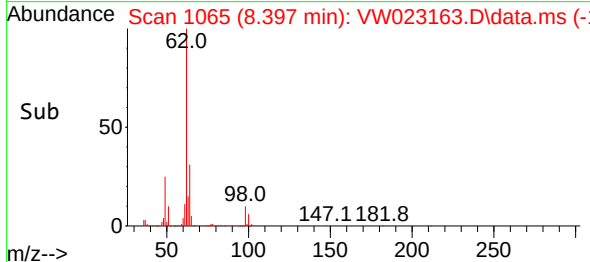
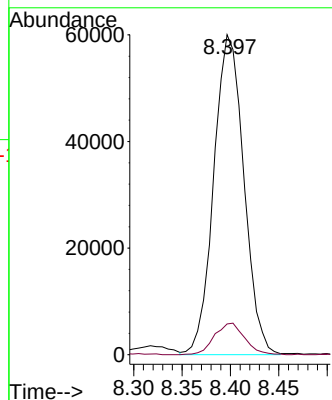
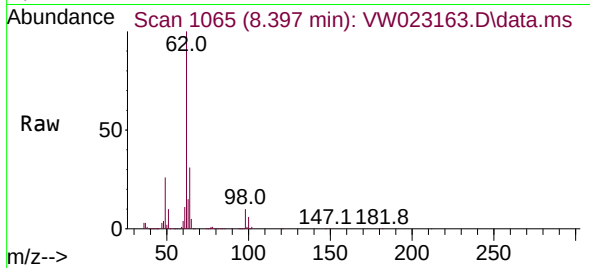




#27
1,2-Dichloroethane
Concen: 23.807 ug/L
RT: 8.397 min Scan# 1065
Delta R.T. -0.006 min
Lab File: VW023163.D
Acq: 19 May 2022 09:44

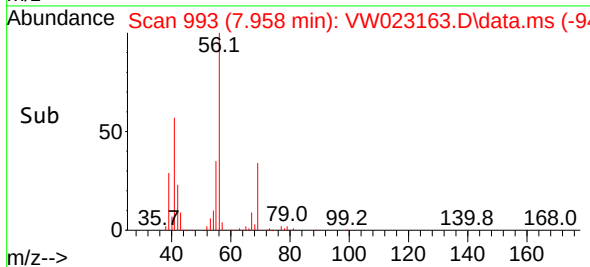
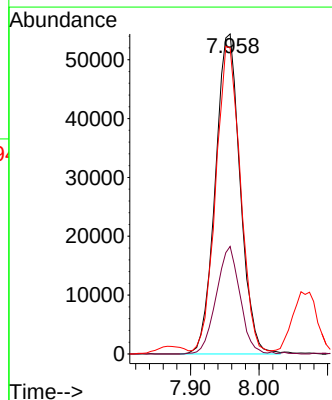
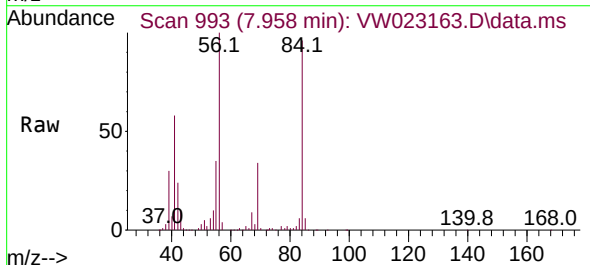
Instrument :
MSVOA_W
ClientSampleId :
VSTD025541

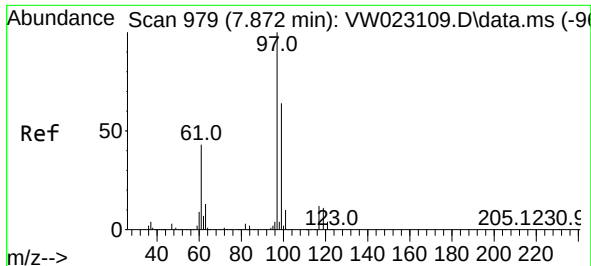
Tgt Ion: 62 Resp: 129902
Ion Ratio Lower Upper
62 100
98 9.6 7.2 10.8



#29
Cyclohexane
Concen: 21.372 ug/L
RT: 7.958 min Scan# 993
Delta R.T. 0.006 min
Lab File: VW023163.D
Acq: 19 May 2022 09:44

Tgt Ion: 56 Resp: 136569
Ion Ratio Lower Upper
56 100
69 32.0 25.6 38.4
84 95.8 78.2 117.4

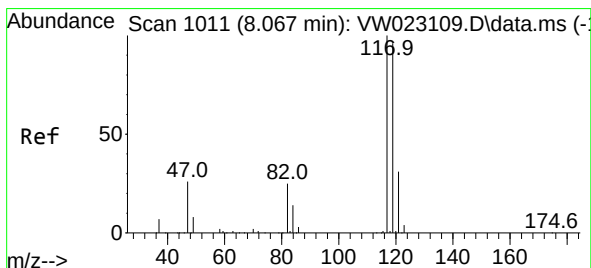
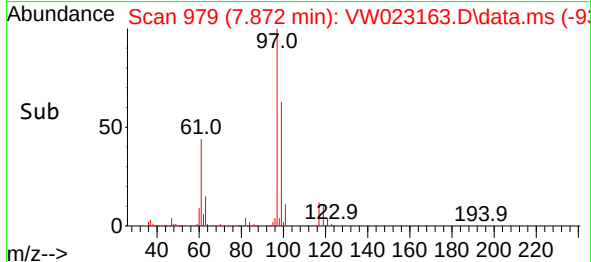
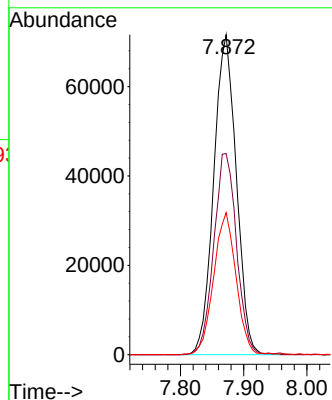
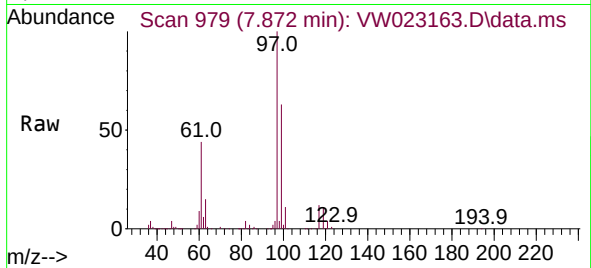




#30
1,1,1-Trichloroethane
Concen: 25.371 ug/L
RT: 7.872 min Scan# 91
Delta R.T. 0.000 min
Lab File: VW023163.D
Acq: 19 May 2022 09:44

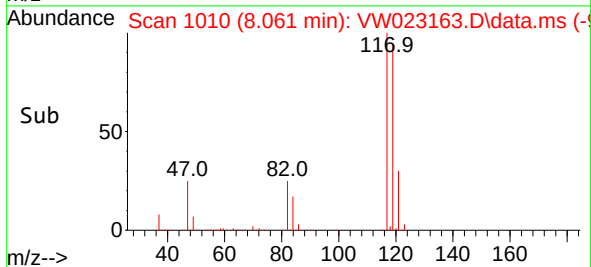
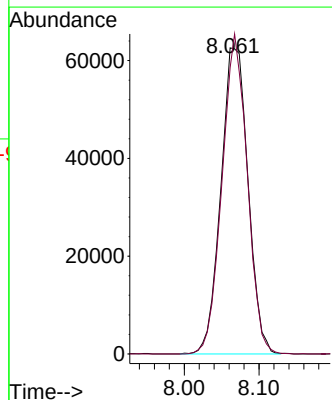
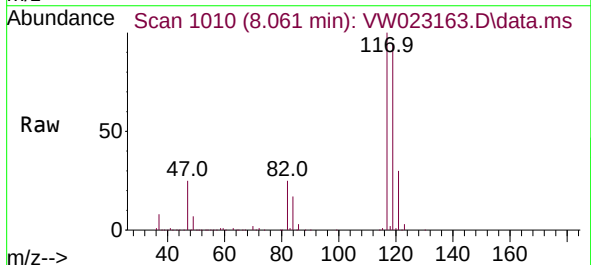
Instrument :
MSVOA_W
ClientSampleId :
VSTD025541

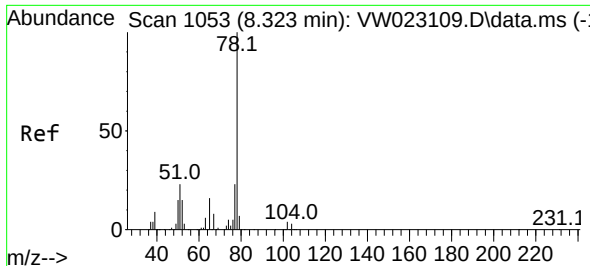
Tgt Ion: 97 Resp: 177154
Ion Ratio Lower Upper
97 100
99 63.5 51.0 76.4
61 43.4 34.8 52.2



#31
Carbon tetrachloride
Concen: 24.297 ug/L
RT: 8.061 min Scan# 1010
Delta R.T. -0.006 min
Lab File: VW023163.D
Acq: 19 May 2022 09:44

Tgt Ion: 117 Resp: 158700
Ion Ratio Lower Upper
117 100
119 96.5 76.6 115.0

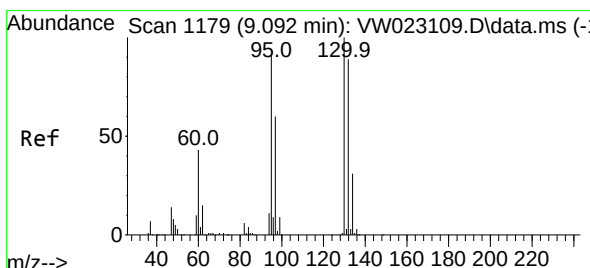
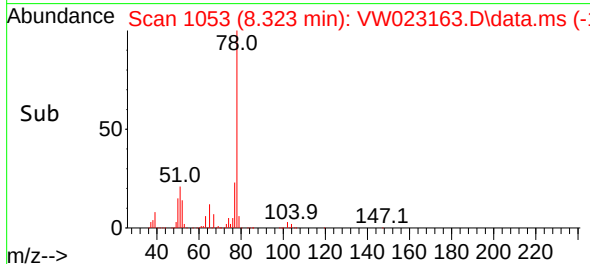
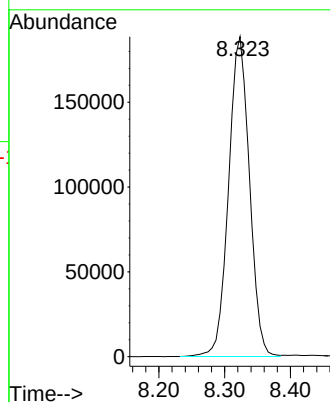
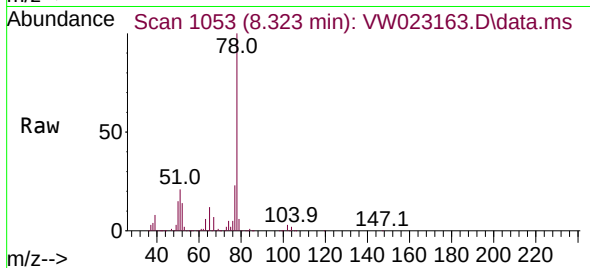




#33
Benzene
Concen: 23.953 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VW023163.D
Acq: 19 May 2022 09:44

Instrument :
MSVOA_W
ClientSampleId :
VSTD025541

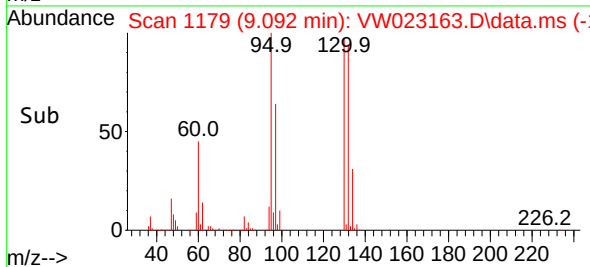
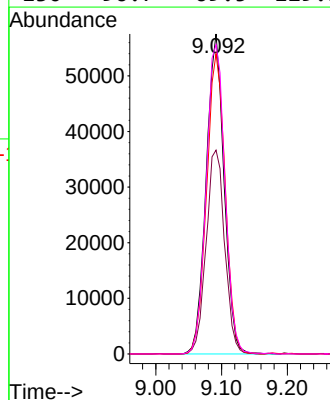
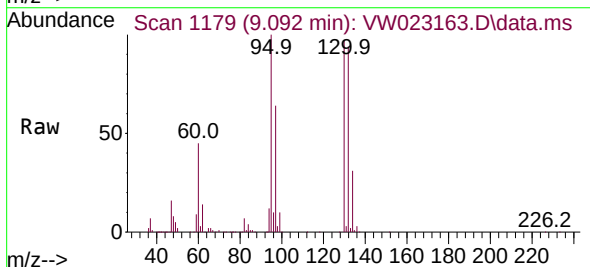
Tgt Ion: 78 Resp: 416948

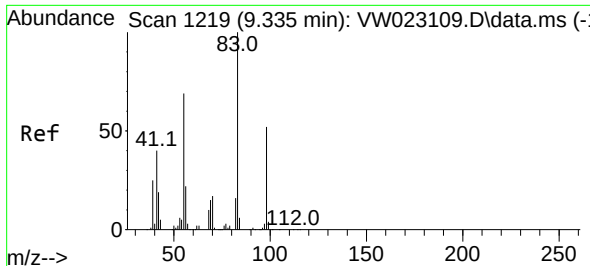


#34
Trichloroethene
Concen: 22.779 ug/L
RT: 9.092 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VW023163.D
Acq: 19 May 2022 09:44

Tgt Ion: 95 Resp: 109044

Ion	Ratio	Lower	Upper
95	100		
97	63.7	46.1	85.7
132	93.9	66.9	124.3
130	96.7	69.5	129.1

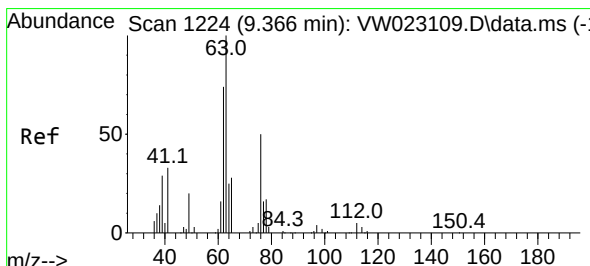
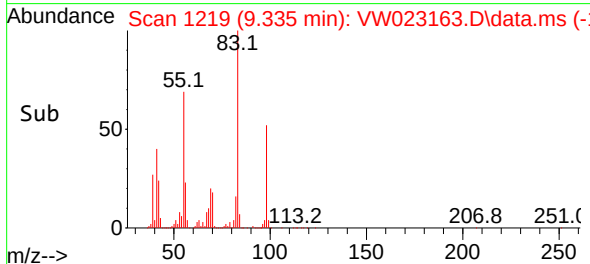
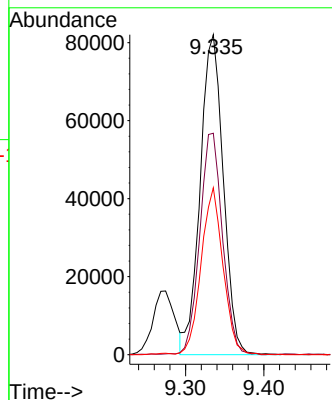
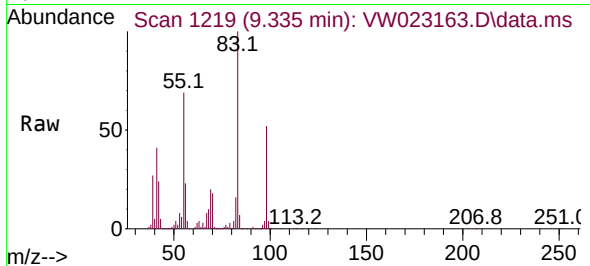




#35
Methylcyclohexane
Concen: 21.385 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. 0.000 min
Lab File: VW023163.D
Acq: 19 May 2022 09:44

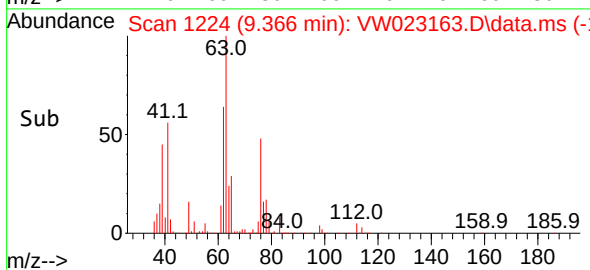
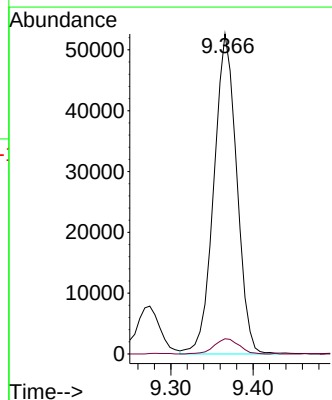
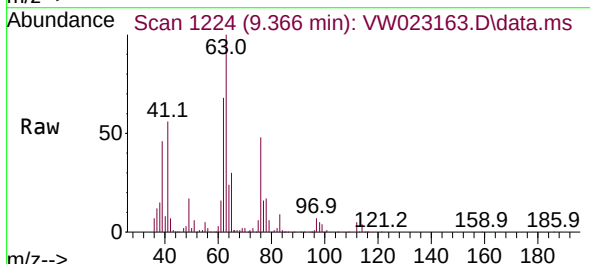
Instrument :
MSVOA_W
ClientSampleId :
VSTD025541

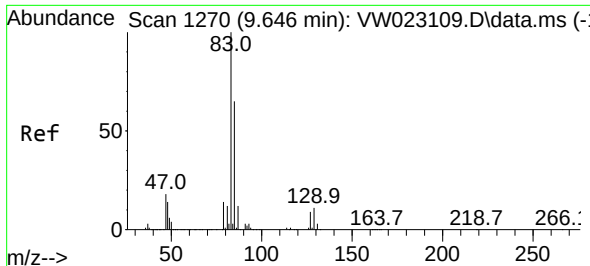
Tgt Ion: 83 Resp: 168177
Ion Ratio Lower Upper
83 100
55 68.1 55.1 82.7
98 49.4 40.4 60.6



#37
1,2-Dichloropropane
Concen: 24.130 ug/L
RT: 9.366 min Scan# 1224
Delta R.T. 0.000 min
Lab File: VW023163.D
Acq: 19 May 2022 09:44

Tgt Ion: 63 Resp: 101643
Ion Ratio Lower Upper
63 100
112 5.1 3.8 5.8

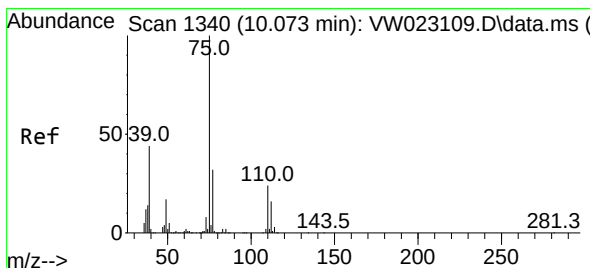
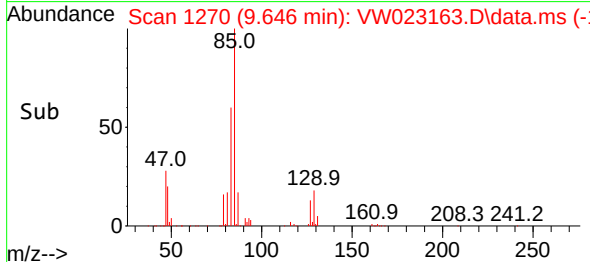
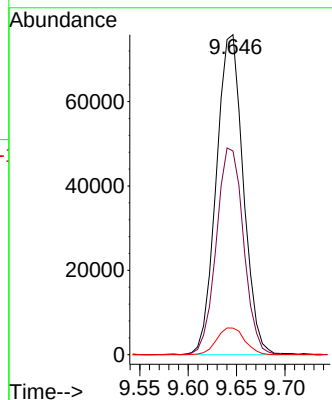
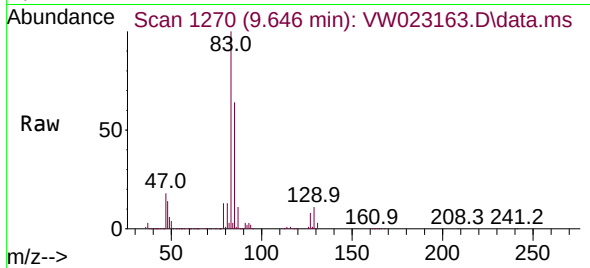




#38
Bromodichloromethane
Concen: 24.590 ug/L
RT: 9.646 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW023163.D
Acq: 19 May 2022 09:44

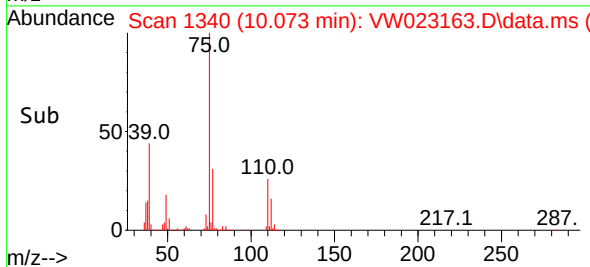
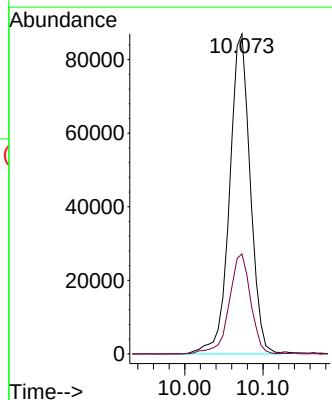
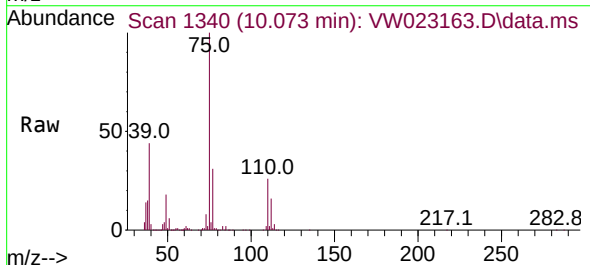
Instrument :
MSVOA_W
ClientSampleId :
VSTD025541

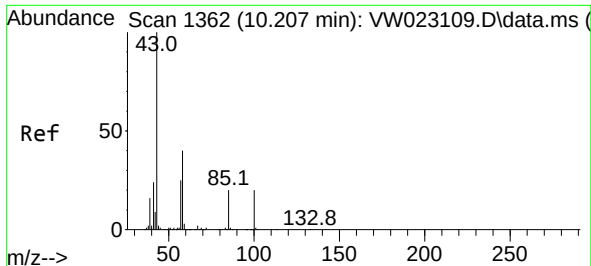
Tgt Ion: 83 Resp: 147123
Ion Ratio Lower Upper
83 100
85 63.7 43.5 80.7
127 8.3 7.1 10.7



#39
cis-1,3-Dichloropropene
Concen: 24.420 ug/L
RT: 10.073 min Scan# 1340
Delta R.T. 0.000 min
Lab File: VW023163.D
Acq: 19 May 2022 09:44

Tgt Ion: 75 Resp: 159497
Ion Ratio Lower Upper
75 100
77 31.2 22.1 41.1





#40

4-Methyl-2-pentanone

Concen: 44.397 ug/L

RT: 10.207 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW023163.D

Acq: 19 May 2022 09:44

Instrument :

MSVOA_W

ClientSampleId :

VSTD025541

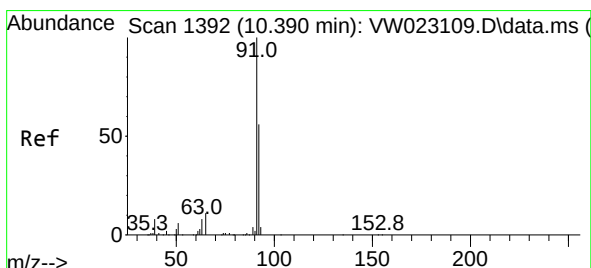
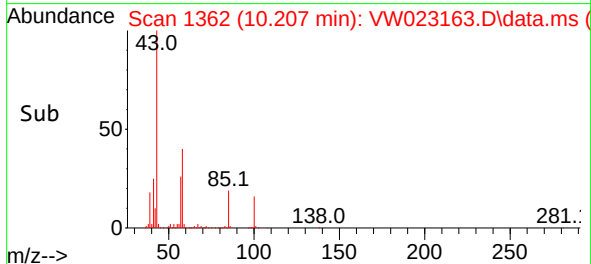
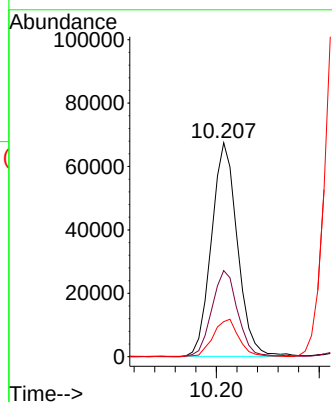
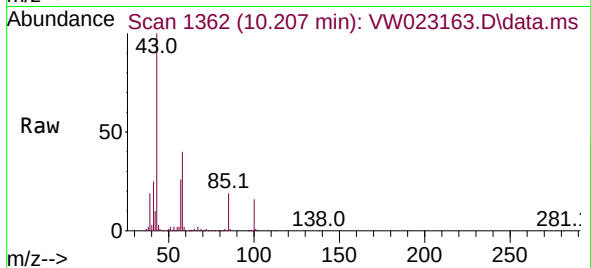
Tgt Ion: 43 Resp: 117875

Ion Ratio Lower Upper

43 100

58 40.1 31.4 47.2

100 17.1 14.2 21.4



#42

Toluene

Concen: 23.848 ug/L

RT: 10.384 min Scan# 1391

Delta R.T. 0.000 min

Lab File: VW023163.D

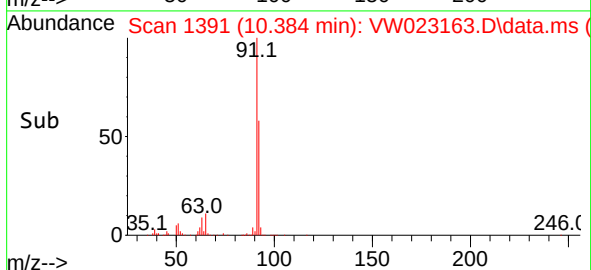
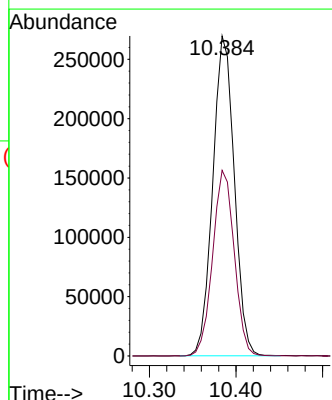
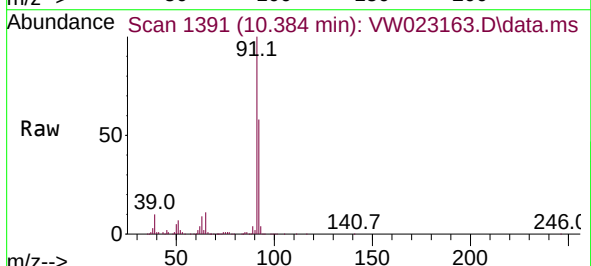
Acq: 19 May 2022 09:44

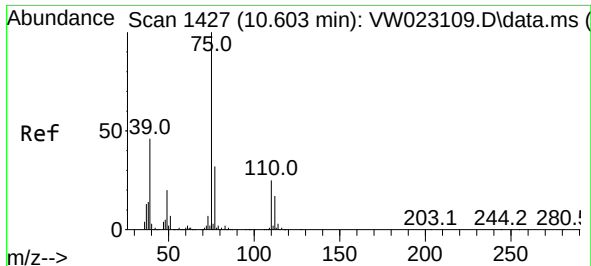
Tgt Ion: 91 Resp: 465218

Ion Ratio Lower Upper

91 100

92 58.0 41.6 77.2

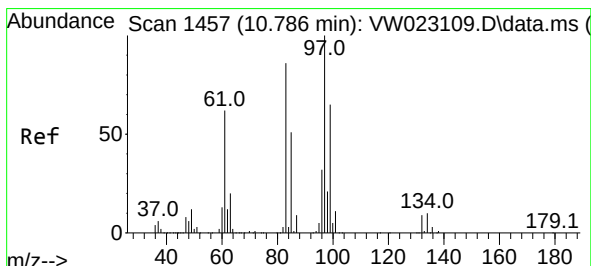
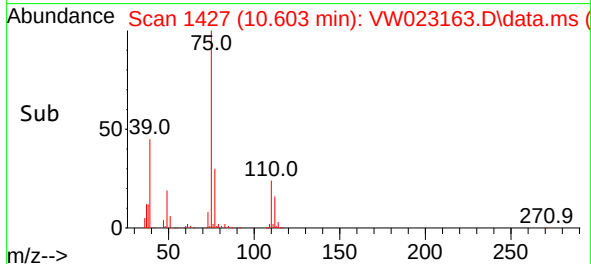
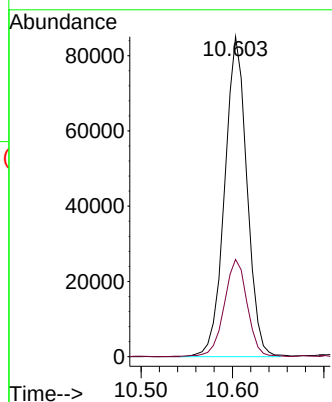
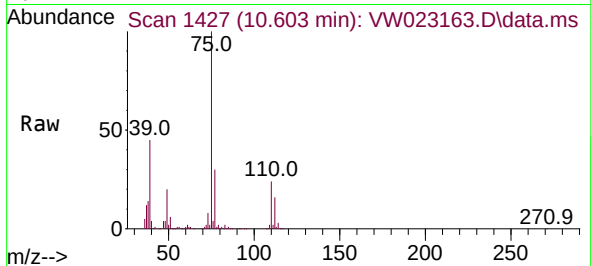




#44
trans-1,3-Dichloropropene
Concen: 24.727 ug/L
RT: 10.603 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VW023163.D
Acq: 19 May 2022 09:44

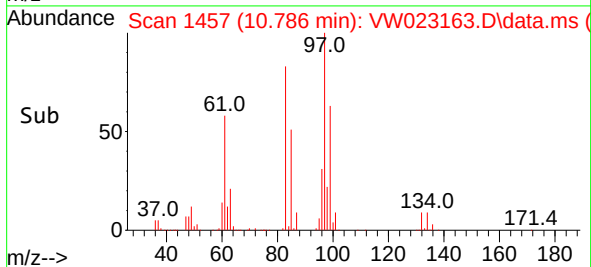
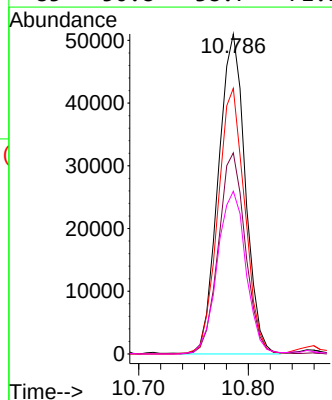
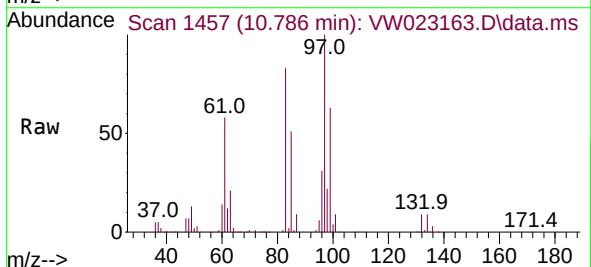
Instrument :
MSVOA_W
ClientSampleId :
VSTD025541

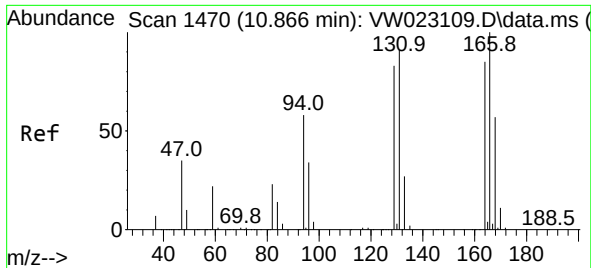
Tgt Ion: 75 Resp: 144156
Ion Ratio Lower Upper
75 100
77 30.4 22.0 40.8



#45
1,1,2-Trichloroethane
Concen: 24.734 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VW023163.D
Acq: 19 May 2022 09:44

Tgt Ion: 97 Resp: 87097
Ion Ratio Lower Upper
97 100
99 62.9 44.7 82.9
83 83.0 58.4 108.4
85 50.8 38.7 71.9

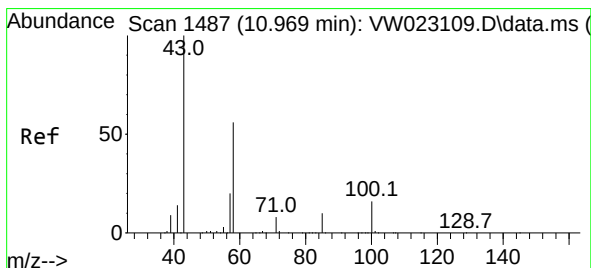
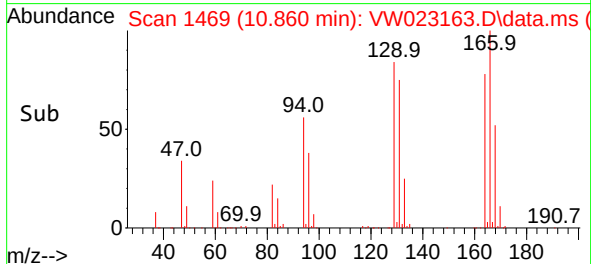
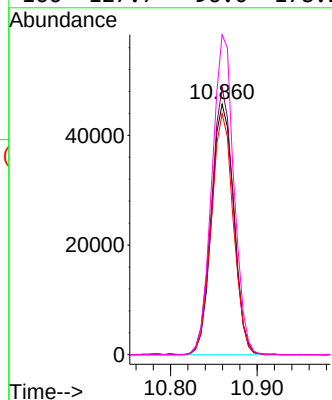
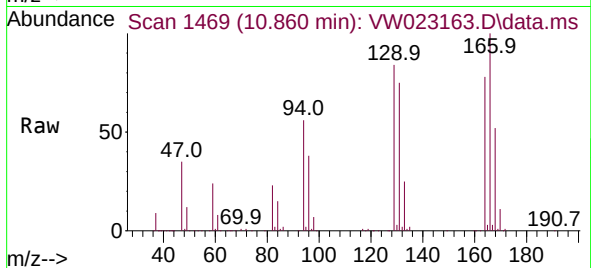




#46
Tetrachloroethene
Concen: 22.696 ug/L
RT: 10.860 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VW023163.D
Acq: 19 May 2022 09:44

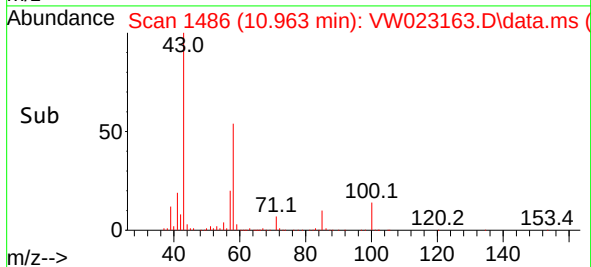
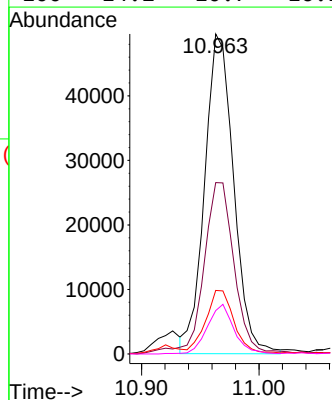
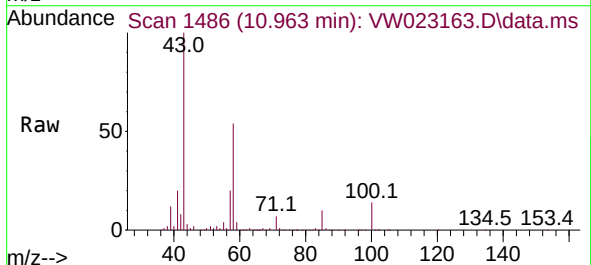
Instrument :
MSVOA_W
ClientSampleId :
VSTD025541

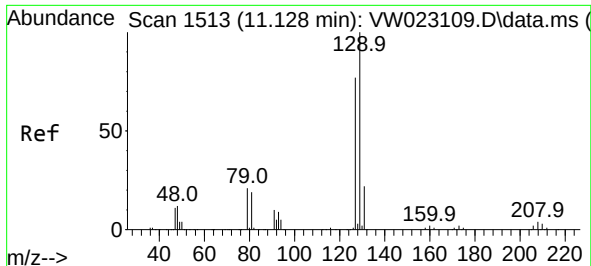
Tgt Ion:164 Resp: 81648
Ion Ratio Lower Upper
164 100
129 106.7 76.9 142.7
131 96.1 75.1 139.5
166 127.7 96.0 178.2



#48
2-Hexanone
Concen: 48.016 ug/L
RT: 10.963 min Scan# 1486
Delta R.T. -0.006 min
Lab File: VW023163.D
Acq: 19 May 2022 09:44

Tgt Ion: 43 Resp: 85179
Ion Ratio Lower Upper
43 100
58 55.6 45.9 68.9
57 19.0 16.2 24.2
100 14.2 10.7 16.1

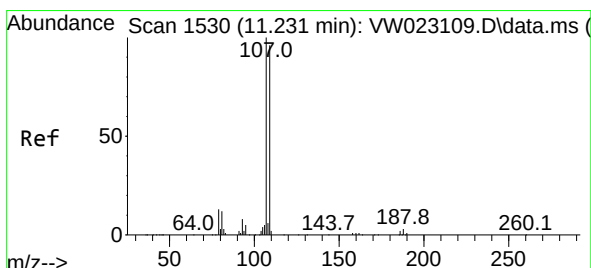
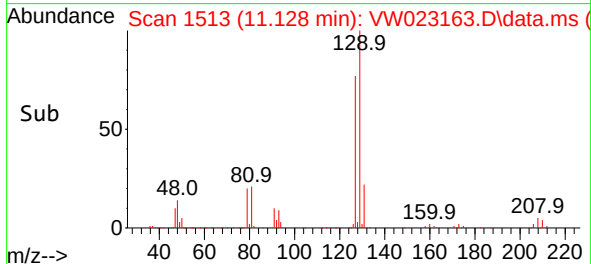
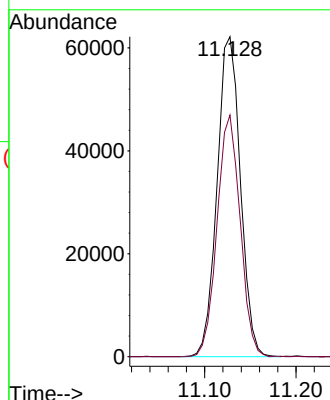
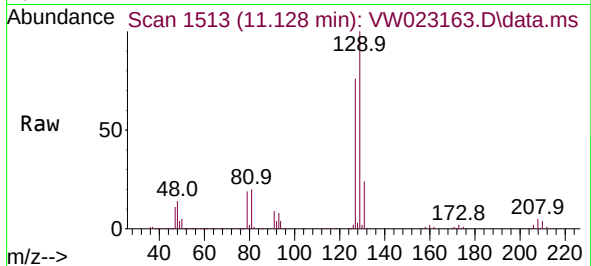




#49
Dibromochloromethane
Concen: 26.059 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VW023163.D
Acq: 19 May 2022 09:44

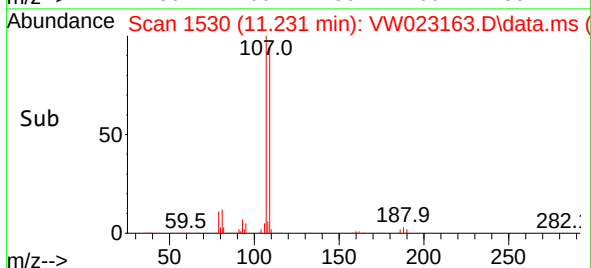
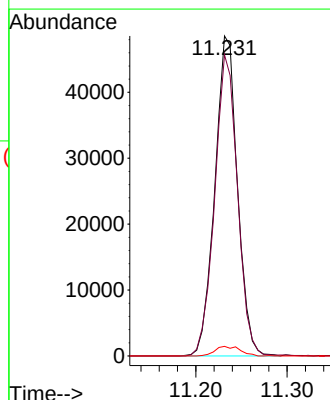
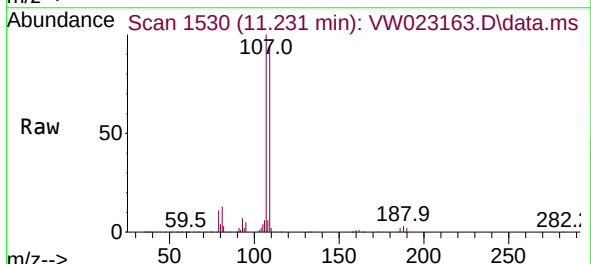
Instrument :
MSVOA_W
ClientSampleId :
VSTD025541

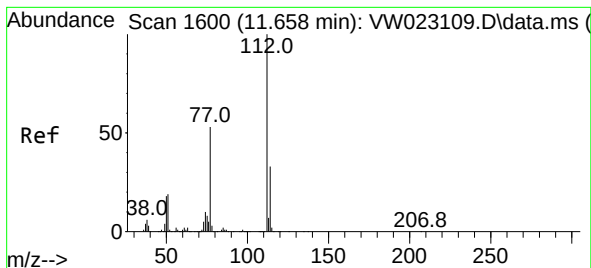
Tgt Ion:129 Resp: 110443
Ion Ratio Lower Upper
129 100
127 75.5 53.8 100.0



#50
1,2-Dibromoethane
Concen: 23.622 ug/L
RT: 11.231 min Scan# 1530
Delta R.T. -0.006 min
Lab File: VW023163.D
Acq: 19 May 2022 09:44

Tgt Ion:107 Resp: 83524
Ion Ratio Lower Upper
107 100
109 94.1 67.5 125.4
188 3.0 2.9 4.3





#51

Chlorobenzene

Concen: 23.959 ug/L

RT: 11.658 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW023163.D

Acq: 19 May 2022 09:44

Instrument :

MSVOA_W

ClientSampleId :

VSTD025541

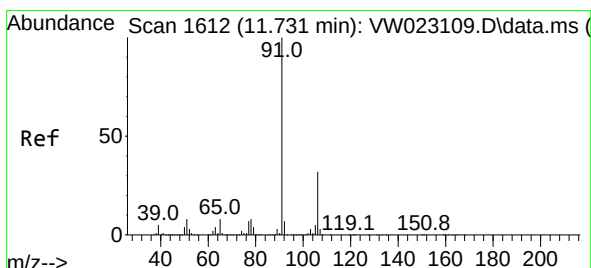
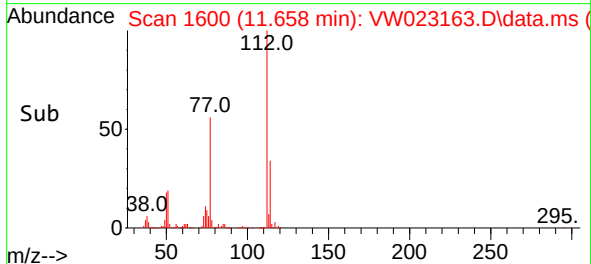
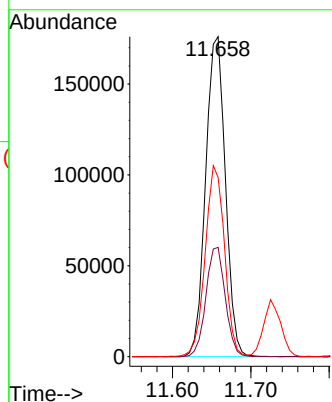
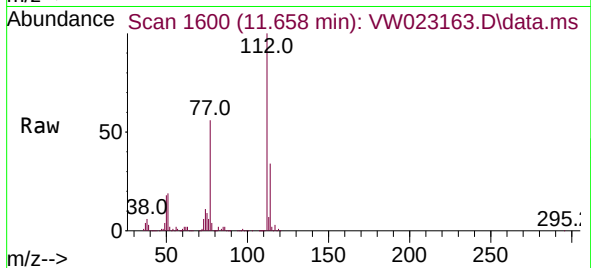
Tgt Ion:112 Resp: 308124

Ion Ratio Lower Upper

112 100

114 34.2 22.0 41.0

77 56.0 42.6 63.8



#52

Ethylbenzene

Concen: 24.803 ug/L

RT: 11.725 min Scan# 1611

Delta R.T. -0.006 min

Lab File: VW023163.D

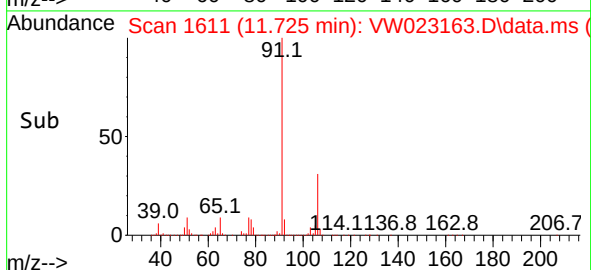
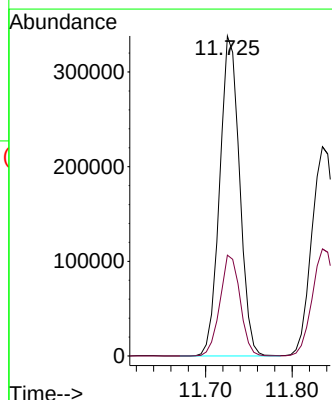
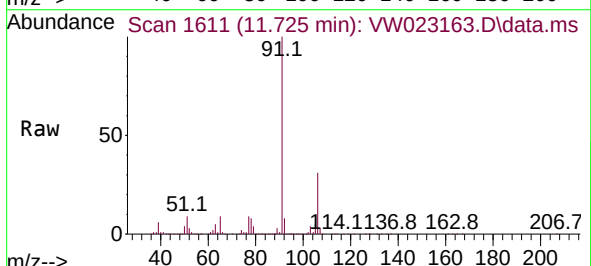
Acq: 19 May 2022 09:44

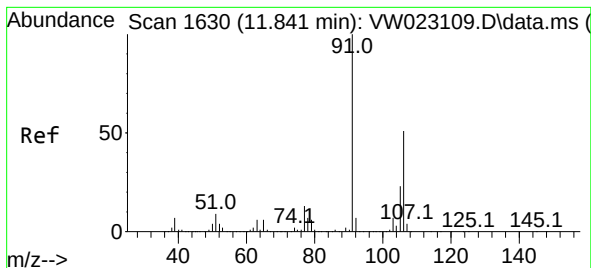
Tgt Ion: 91 Resp: 538286

Ion Ratio Lower Upper

91 100

106 31.5 22.3 41.3





#53

m,p-Xylene

Concen: 24.898 ug/L

RT: 11.835 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW023163.D

Acq: 19 May 2022 09:44

Instrument :

MSVOA_W

ClientSampleId :

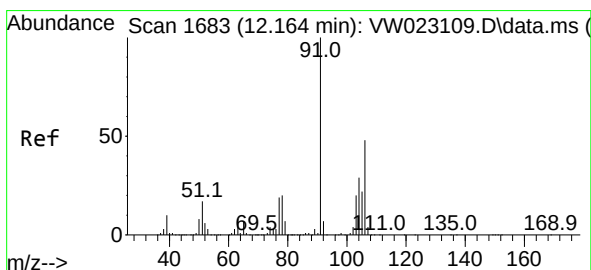
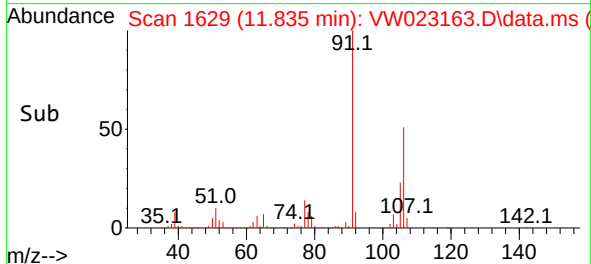
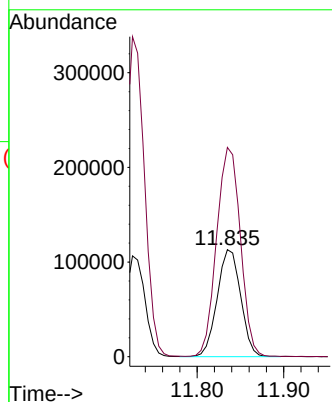
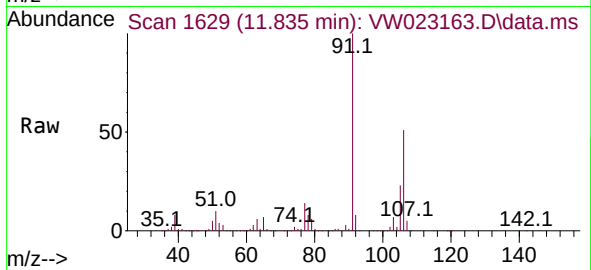
VSTD025541

Tgt Ion:106 Resp: 212913

Ion Ratio Lower Upper

106 100

91 195.4 136.8 254.0



#54

o-Xylene

Concen: 25.060 ug/L

RT: 12.164 min Scan# 1683

Delta R.T. 0.000 min

Lab File: VW023163.D

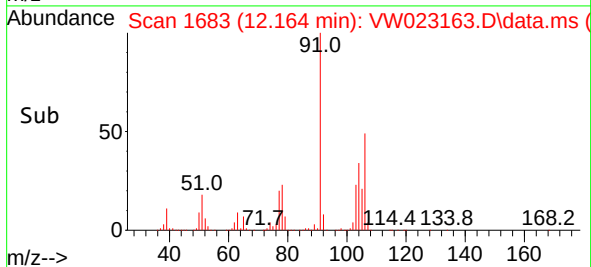
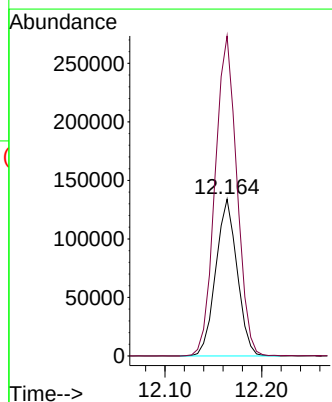
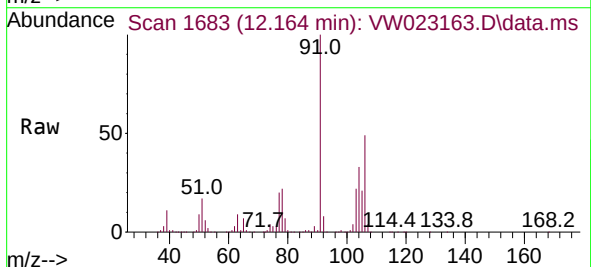
Acq: 19 May 2022 09:44

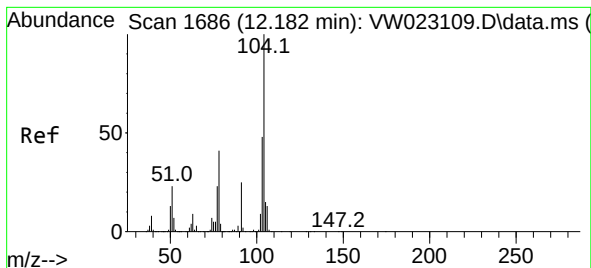
Tgt Ion:106 Resp: 205641

Ion Ratio Lower Upper

106 100

91 204.0 147.2 273.4





#55

Styrene

Concen: 25.689 ug/L

RT: 12.176 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW023163.D

Acq: 19 May 2022 09:44

Instrument :

MSVOA_W

ClientSampleId :

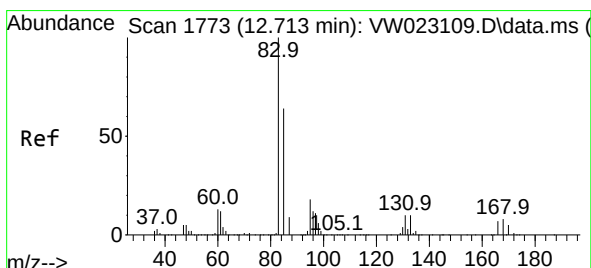
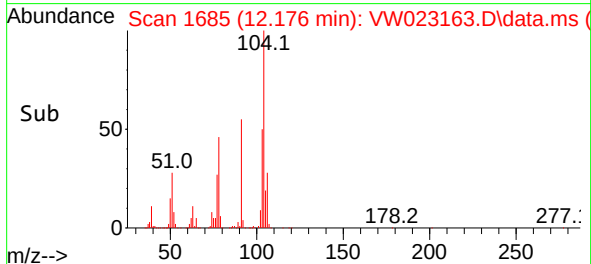
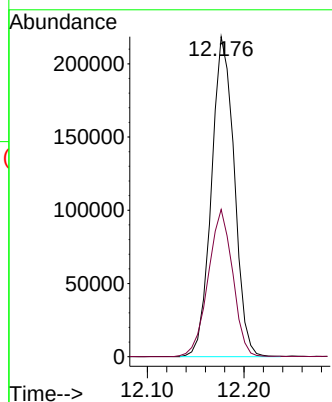
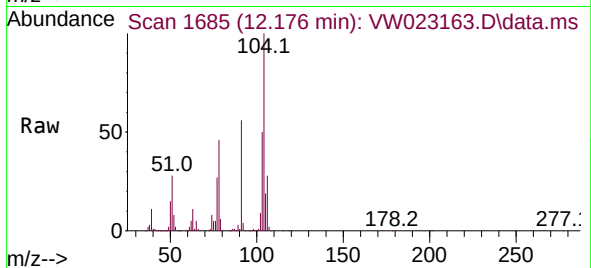
VSTD025541

Tgt Ion:104 Resp: 358204

Ion Ratio Lower Upper

104 100

78 46.0 32.3 59.9



#57

1,1,2,2-Tetrachloroethane

Concen: 24.719 ug/L

RT: 12.713 min Scan# 1773

Delta R.T. 0.000 min

Lab File: VW023163.D

Acq: 19 May 2022 09:44

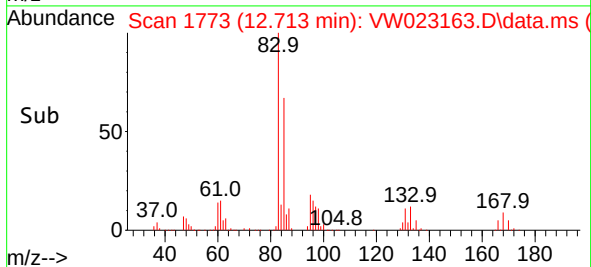
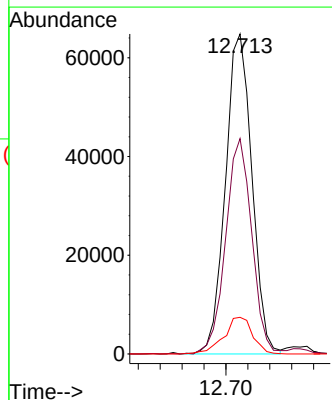
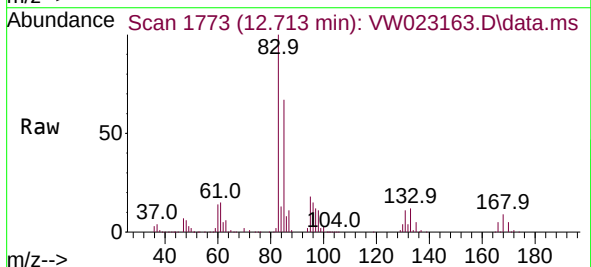
Tgt Ion: 83 Resp: 108722

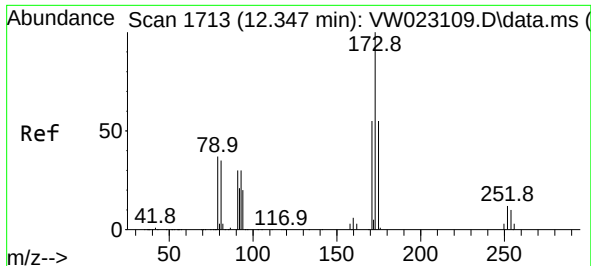
Ion Ratio Lower Upper

83 100

85 67.3 47.5 88.1

131 11.4 8.7 13.1

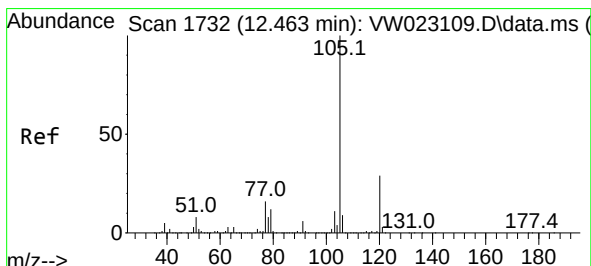
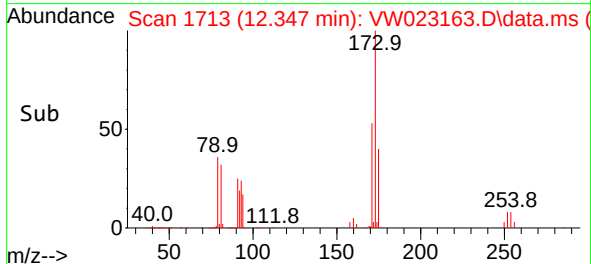
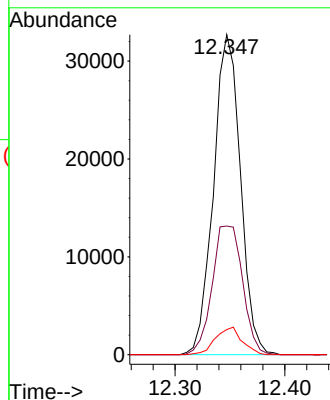
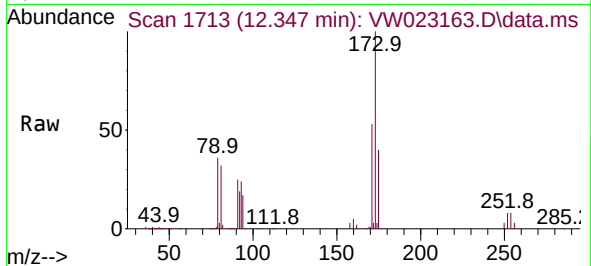




#59
Bromoform
Concen: 23.393 ug/L
RT: 12.347 min Scan# 1713
Delta R.T. -0.006 min
Lab File: VW023163.D
Acq: 19 May 2022 09:44

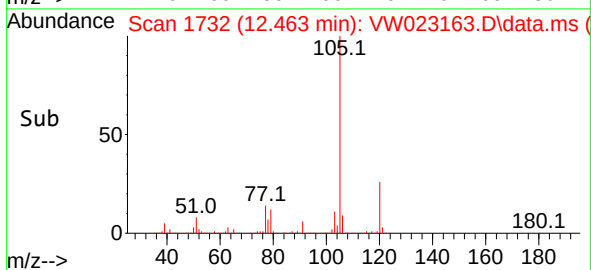
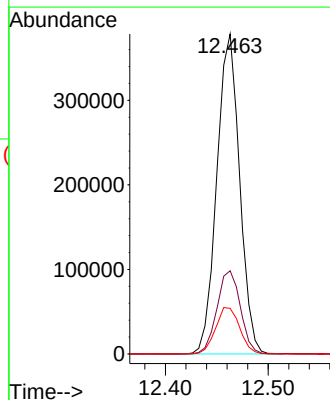
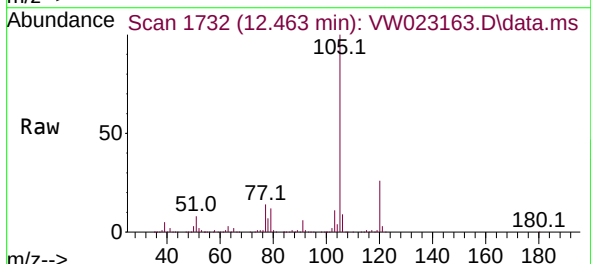
Instrument :
MSVOA_W
ClientSampleId :
VSTD025541

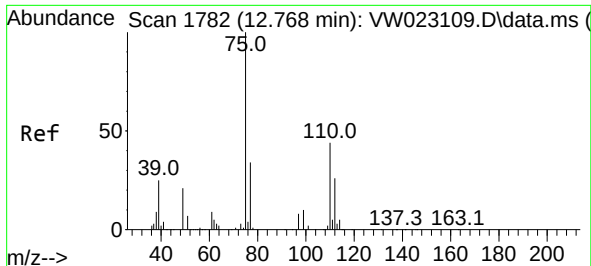
Tgt Ion:173 Resp: 55856
Ion Ratio Lower Upper
173 100
175 45.4 38.1 57.1
254 8.5 6.5 9.7



#60
Isopropylbenzene
Concen: 25.251 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW023163.D
Acq: 19 May 2022 09:44

Tgt Ion:105 Resp: 582841
Ion Ratio Lower Upper
105 100
120 26.7 21.3 31.9
77 15.4 12.6 19.0

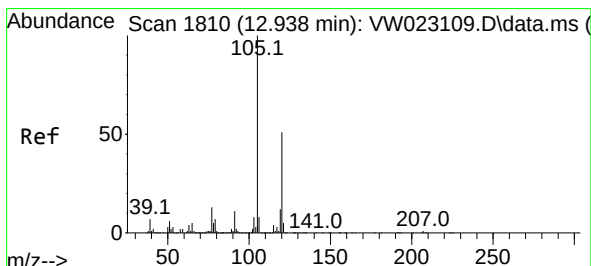
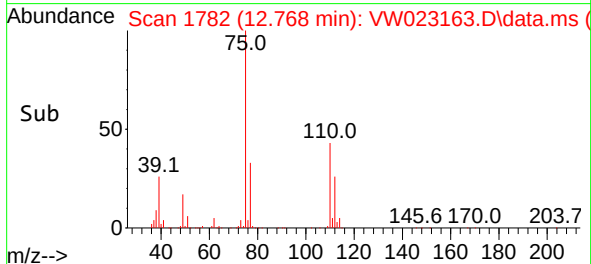
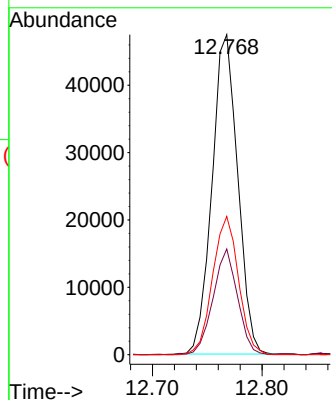
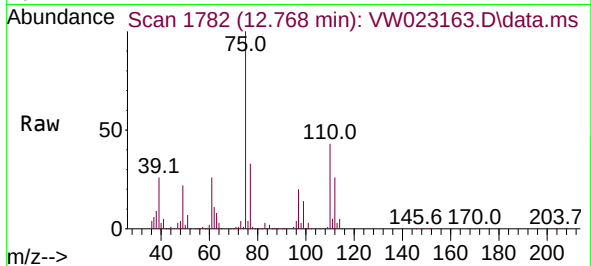




#61
1,2,3-Trichloropropane
Concen: 22.959 ug/L
RT: 12.768 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW023163.D
Acq: 19 May 2022 09:44

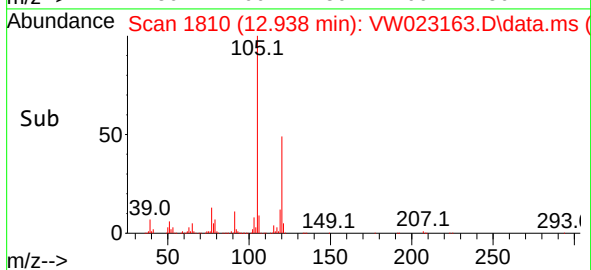
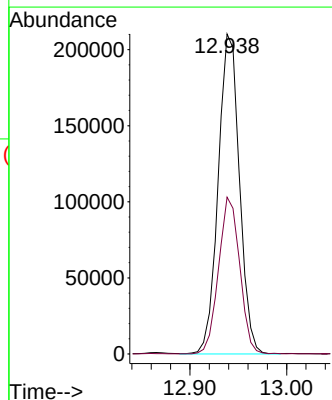
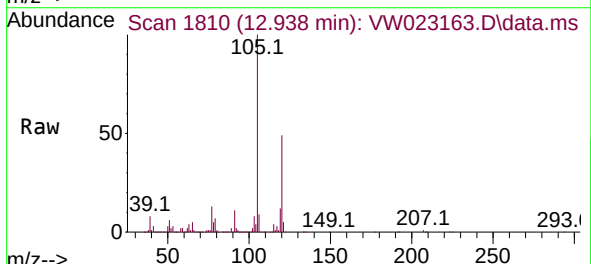
Instrument :
MSVOA_W
ClientSampleId :
VSTD025541

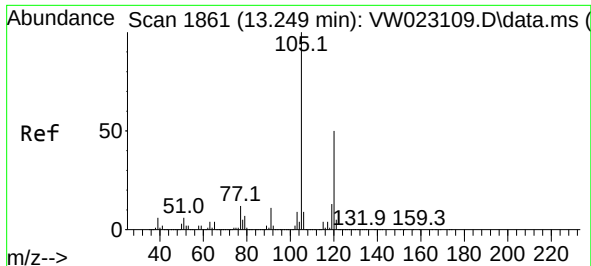
Tgt Ion: 75 Resp: 77292
Ion Ratio Lower Upper
75 100
77 31.5 26.2 39.2
110 43.6 34.1 51.1



#62
1,3,5-Trimethylbenzene
Concen: 24.950 ug/L
RT: 12.938 min Scan# 1810
Delta R.T. -0.006 min
Lab File: VW023163.D
Acq: 19 May 2022 09:44

Tgt Ion:105 Resp: 320389
Ion Ratio Lower Upper
105 100
120 48.6 38.9 58.3

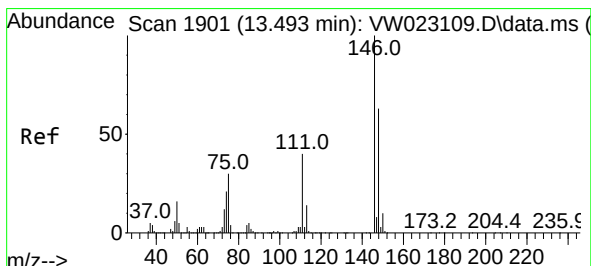
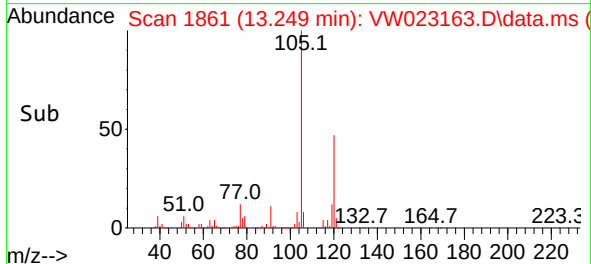
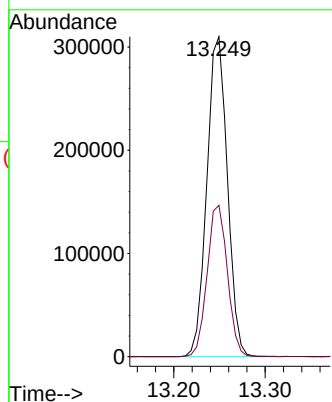
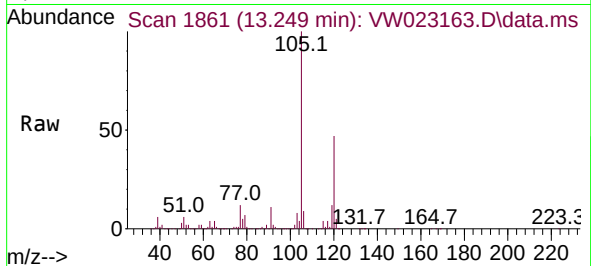




#63
1,2,4-Trimethylbenzene
Concen: 25.083 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. 0.000 min
Lab File: VW023163.D
Acq: 19 May 2022 09:44

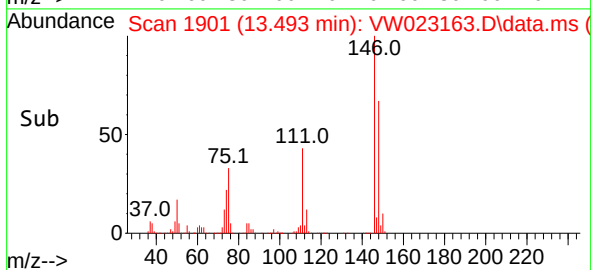
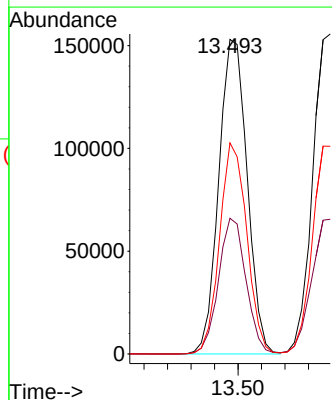
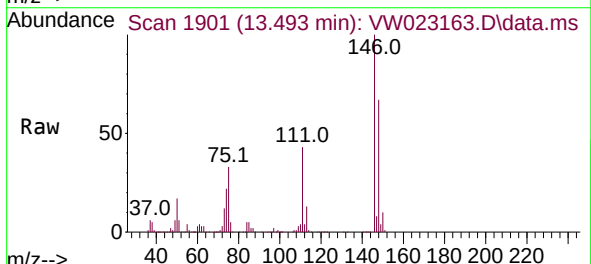
Instrument :
MSVOA_W
ClientSampleId :
VSTD025541

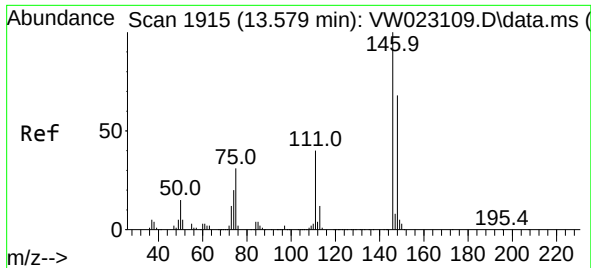
Tgt Ion:105 Resp: 483649
Ion Ratio Lower Upper
105 100
120 46.7 37.4 56.2



#64
1,3-Dichlorobenzene
Concen: 24.918 ug/L
RT: 13.493 min Scan# 1901
Delta R.T. -0.006 min
Lab File: VW023163.D
Acq: 19 May 2022 09:44

Tgt Ion:146 Resp: 256792
Ion Ratio Lower Upper
146 100
111 43.1 29.5 54.9
148 67.1 48.6 90.2

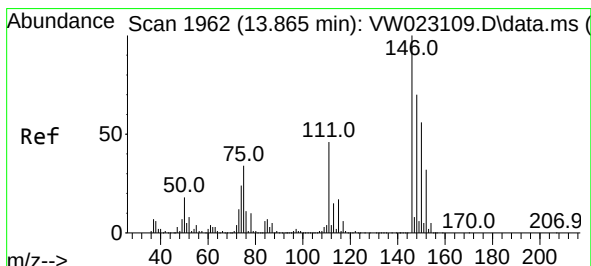
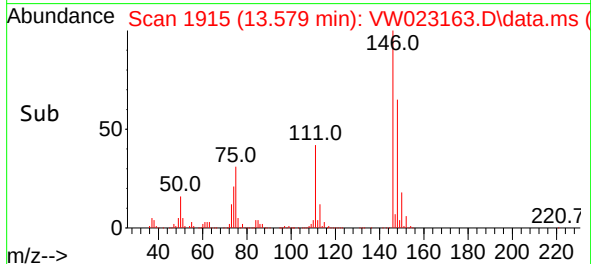
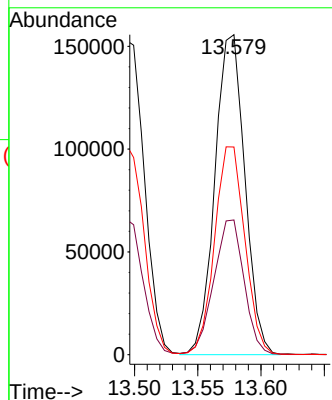
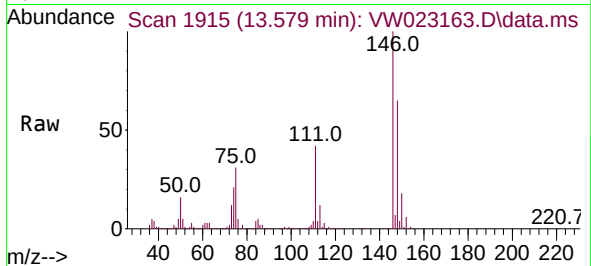




#65
1,4-Dichlorobenzene
Concen: 24.099 ug/L
RT: 13.579 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VW023163.D
Acq: 19 May 2022 09:44

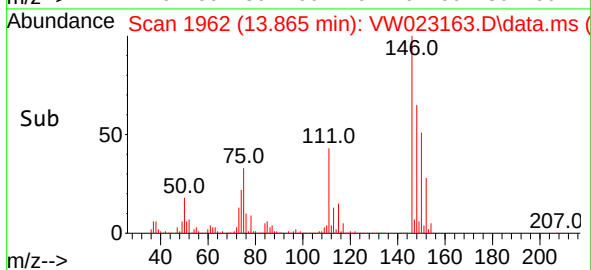
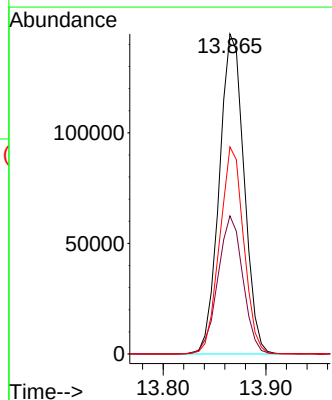
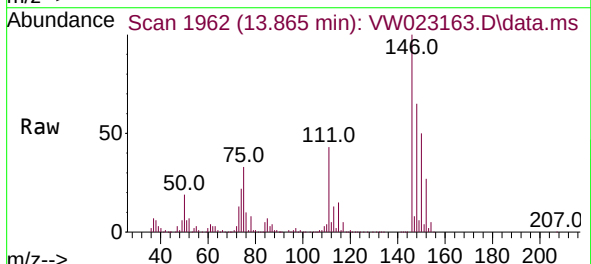
Instrument :
MSVOA_W
ClientSampleId :
VSTD025541

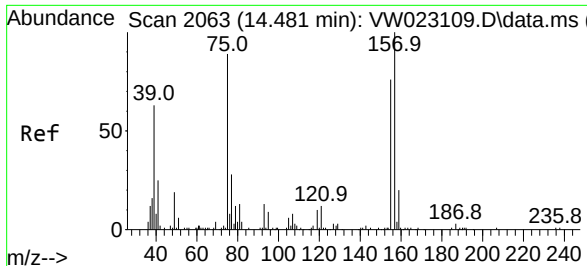
Tgt Ion:146 Resp: 256526
Ion Ratio Lower Upper
146 100
111 42.1 27.2 50.4
148 64.9 44.0 81.6



#67
1,2-Dichlorobenzene
Concen: 25.628 ug/L
RT: 13.865 min Scan# 1962
Delta R.T. -0.006 min
Lab File: VW023163.D
Acq: 19 May 2022 09:44

Tgt Ion:146 Resp: 241676
Ion Ratio Lower Upper
146 100
111 43.1 35.7 53.5
148 64.7 52.6 79.0

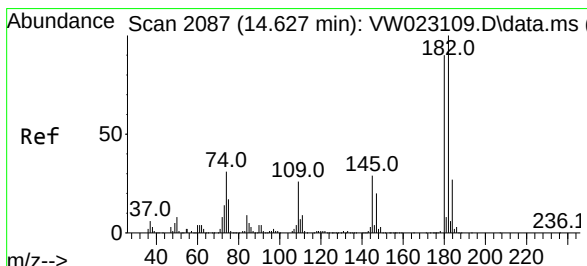
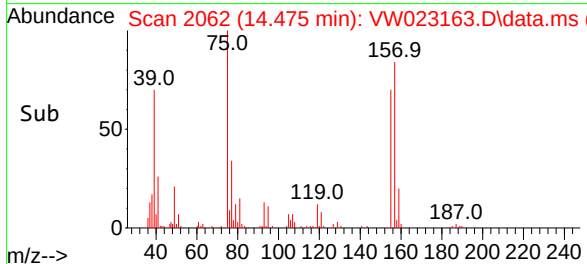
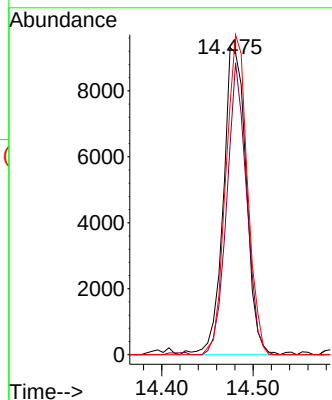
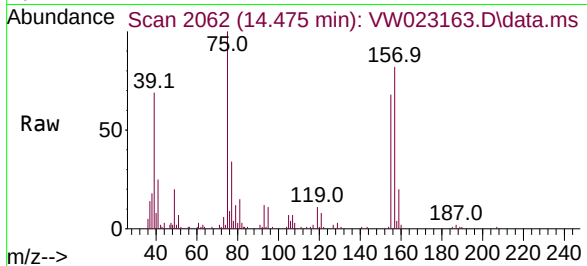




#68
1,2-Dibromo-3-chloropropane
Concen: 22.037 ug/L
RT: 14.475 min Scan# 2062
Delta R.T. -0.006 min
Lab File: VW023163.D
Acq: 19 May 2022 09:44

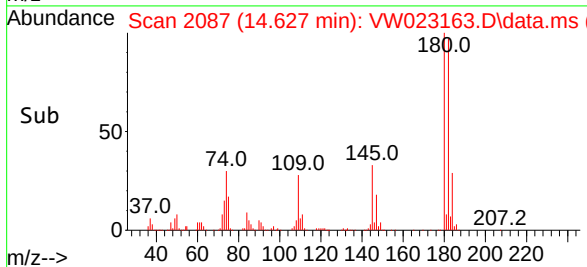
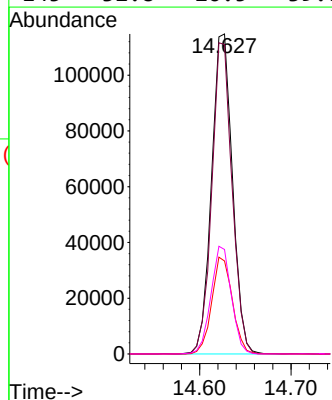
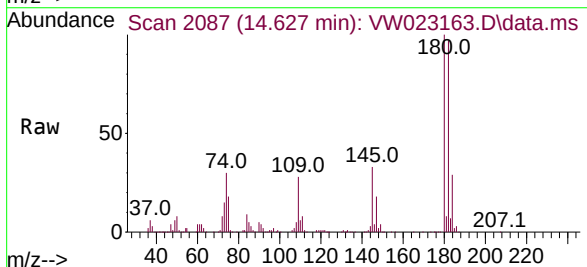
Instrument :
MSVOA_W
ClientSampleId :
VSTD025541

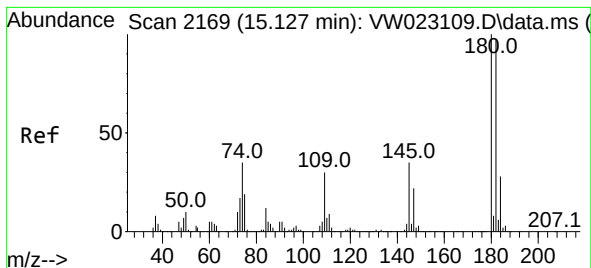
Tgt Ion: 75 Resp: 16214
Ion Ratio Lower Upper
75 100
155 68.4 59.3 88.9
157 81.8 89.8 134.8#



#69
1,3,5-Trichlorobenzene
Concen: 26.634 ug/L
RT: 14.627 min Scan# 2087
Delta R.T. 0.000 min
Lab File: VW023163.D
Acq: 19 May 2022 09:44

Tgt Ion:180 Resp: 182196
Ion Ratio Lower Upper
180 100
182 94.2 74.8 112.2
184 29.8 23.4 35.2
145 32.8 26.5 39.7





#70

1,2,4-trichlorobenzene

Concen: 24.567 ug/L

RT: 15.133 min Scan# 2169

Delta R.T. 0.006 min

Lab File: VW023163.D

Acq: 19 May 2022 09:44

Instrument :

MSVOA_W

ClientSampleId :

VSTD025541

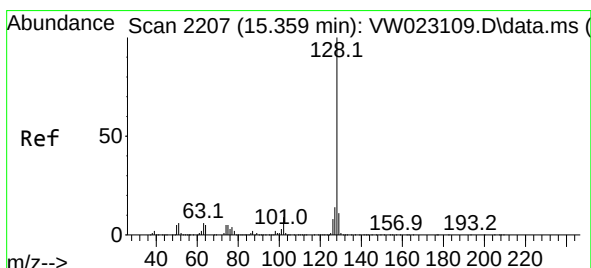
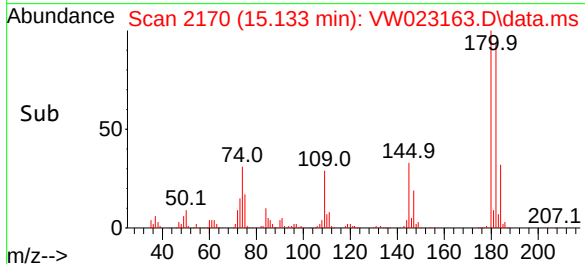
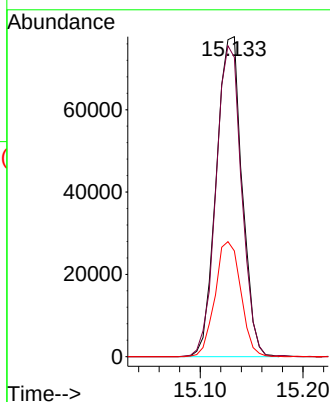
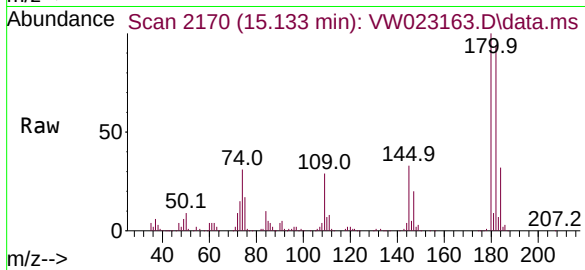
Tgt Ion:180 Resp: 135187

Ion Ratio Lower Upper

180 100

182 96.6 74.9 112.3

145 36.0 26.6 39.8



#71

Naphthalene

Concen: 23.742 ug/L

RT: 15.359 min Scan# 2207

Delta R.T. -0.006 min

Lab File: VW023163.D

Acq: 19 May 2022 09:44

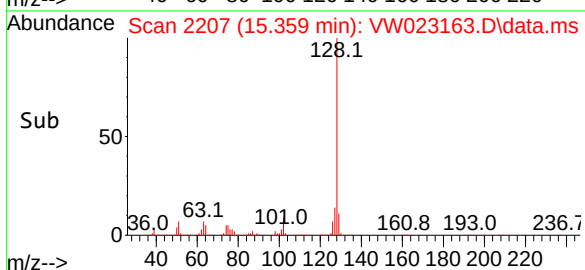
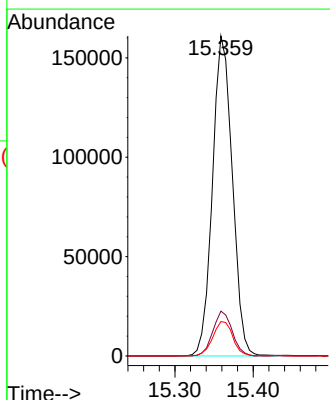
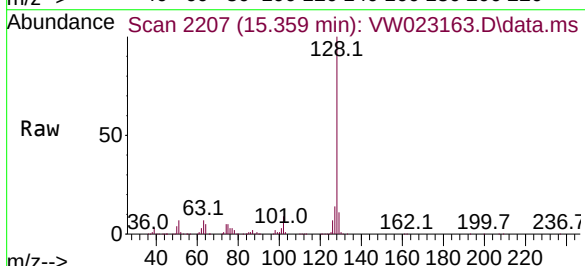
Tgt Ion:128 Resp: 283952

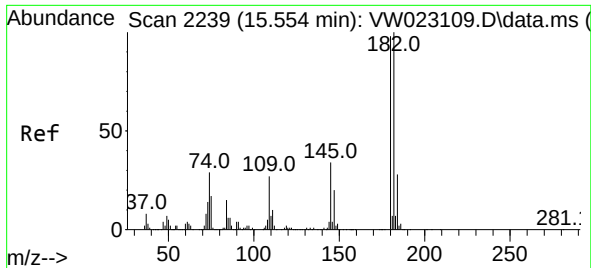
Ion Ratio Lower Upper

128 100

127 13.6 10.6 16.0

129 10.9 8.7 13.1





#72
 1,2,3-Trichlorobenzene
 Concen: 25.369 ug/L
 RT: 15.548 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VW023163.D
 Acq: 19 May 2022 09:44

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025541

Tgt Ion:180 Resp: 123726
 Ion Ratio Lower Upper
 180 100
 182 93.2 73.5 110.3
 145 36.1 27.9 41.9

