

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW041023\
 Data File : VW025566.D
 Acq On : 10 Apr 2023 08:42
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025567

Quant Time: Apr 11 01:53:47 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040323SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Apr 04 03:07:33 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	741693	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	642598	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	314684	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	264005	21.874	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.480%
7) Chloroethane-d5	2.899	69	197325	22.963	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.840%
11) 1,1-Dichloroethene-d2	4.021	63	564246	23.117	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	92.480%
21) 2-Butanone-d5	7.075	46	117126	43.500	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	87.000%
24) Chloroform-d	7.648	84	491263	23.590	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	94.360%
26) 1,2-Dichloroethane-d4	8.307	65	246618	22.763	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	91.040%
32) Benzene-d6	8.270	84	1006616	24.192	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	96.760%
36) 1,2-Dichloropropane-d6	9.270	67	308874	23.808	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	95.240%
41) Toluene-d8	10.325	98	895287	24.632	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	98.520%
43) trans-1,3-Dichloroprop...	10.575	79	112493	23.127	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	92.520%
47) 2-Hexanone-d5	10.922	63	81405	45.905	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	91.800%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	200306	22.875	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	91.480%
66) 1,2-Dichlorobenzene-d4	13.848	152	258734	23.933	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	95.720%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.021	85	231616	22.331	ug/L	99
3) Chloromethane	2.223	50	296449	24.636	ug/L	99
5) Vinyl chloride	2.375	62	345528	25.975	ug/L	96
6) Bromomethane	2.796	94	176563	24.674	ug/L	97
8) Chloroethane	2.936	64	188297	25.274	ug/L	99
9) Trichlorofluoromethane	3.271	101	274374	26.773	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	270981	26.350	ug/L	99
12) 1,1-Dichloroethene	4.045	96	264182	25.664	ug/L	91
13) Acetone	4.119	43	113169	49.661	ug/L	97
14) Carbon disulfide	4.387	76	876844	24.144	ug/L	98
15) Methyl Acetate	4.667	43	111261	21.732	ug/L	99
16) Methylene chloride	4.917	84	273628	23.210	ug/L	99
17) trans-1,2-Dichloroethene	5.429	96	272706	24.918	ug/L	95
18) Methyl tert-butyl Ether	5.423	73	351681	23.285	ug/L	100
19) 1,1-Dichloroethane	6.216	63	550764	25.189	ug/L	98
20) cis-1,2-Dichloroethene	7.173	96	284978	25.027	ug/L #	95
22) 2-Butanone	7.167	43	153530	47.392	ug/L	99
23) Bromochloromethane	7.514	128	112207	24.029	ug/L	96
25) Chloroform	7.673	83	500058	25.009	ug/L	100

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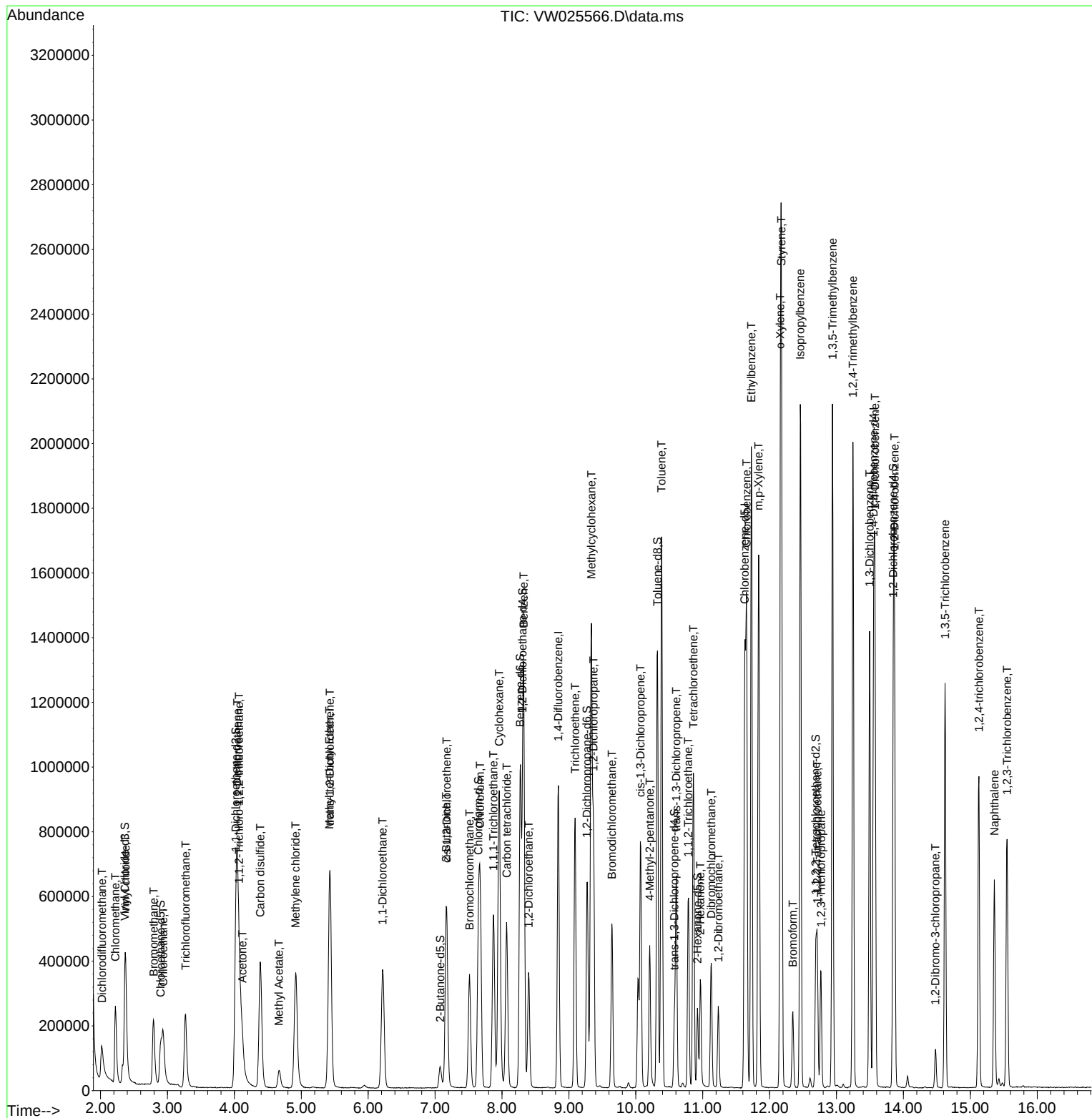
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	318765	23.757	ug/L	97
29) Cyclohexane	7.959	56	543505	26.132	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	424343	26.577	ug/L	100
31) Carbon tetrachloride	8.069	117	375138	26.017	ug/L	97
33) Benzene	8.325	78	1139625	25.479	ug/L	100
34) Trichloroethene	9.093	95	293825	25.256	ug/L	96
35) Methylcyclohexane	9.337	83	541116	25.758	ug/L	99
37) 1,2-Dichloropropane	9.368	63	302658	25.622	ug/L	100
38) Bromodichloromethane	9.642	83	340765	25.213	ug/L	97
39) cis-1,3-Dichloropropene	10.069	75	436113	25.738	ug/L	97
40) 4-Methyl-2-pentanone	10.209	43	304966	45.611	ug/L	100
42) Toluene	10.386	91	1207850	26.520	ug/L	96
44) trans-1,3-Dichloropropene	10.605	75	350165	25.061	ug/L	97
45) 1,1,2-Trichloroethane	10.782	97	182391	24.216	ug/L	95
46) Tetrachloroethene	10.861	164	209223	25.570	ug/L	93
48) 2-Hexanone	10.965	43	221906	48.035	ug/L	95
49) Dibromochloromethane	11.129	129	195174	24.612	ug/L	100
50) 1,2-Dibromoethane	11.233	107	167201	24.160	ug/L	98
51) Chlorobenzene	11.654	112	696918	24.832	ug/L	97
52) Ethylbenzene	11.727	91	1354027	26.272	ug/L	99
53) m,p-Xylene	11.837	106	499588	26.432	ug/L	97
54) o-Xylene	12.160	106	466448	26.380	ug/L	93
55) Styrene	12.178	104	803358	26.993	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.715	83	212985	23.608	ug/L	99
59) Bromoform	12.349	173	102461	23.761	ug/L	96
60) Isopropylbenzene	12.458	105	1313989	26.656	ug/L	99
61) 1,2,3-Trichloropropane	12.769	75	151834	23.280	ug/L	100
62) 1,3,5-Trimethylbenzene	12.940	105	1060953	27.265	ug/L	100
63) 1,2,4-Trimethylbenzene	13.245	105	1032175	27.547	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	527146	25.806	ug/L	98
65) 1,4-Dichlorobenzene	13.574	146	516786	24.772	ug/L	98
67) 1,2-Dichlorobenzene	13.867	146	460239	25.699	ug/L	94
68) 1,2-Dibromo-3-chloropr...	14.476	75	31761	22.199	ug/L	88
69) 1,3,5-Trichlorobenzene	14.623	180	346432	25.330	ug/L	99
70) 1,2,4-trichlorobenzene	15.129	180	279853	25.189	ug/L	96
71) Naphthalene	15.360	128	510328	24.617	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	247395	25.469	ug/L	97

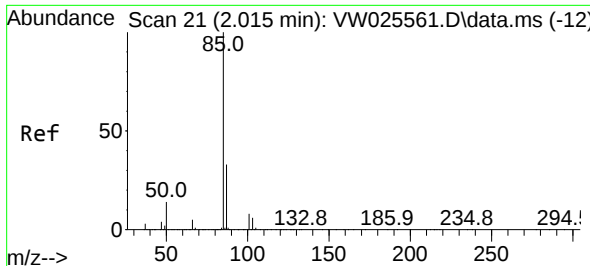
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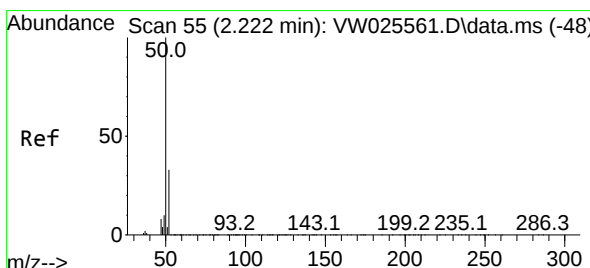
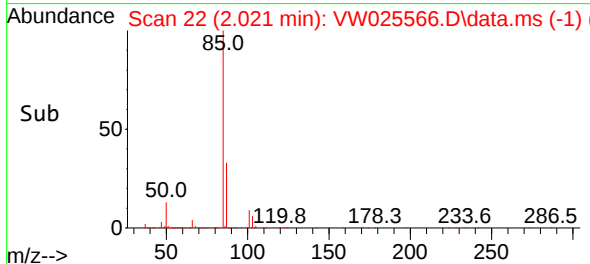
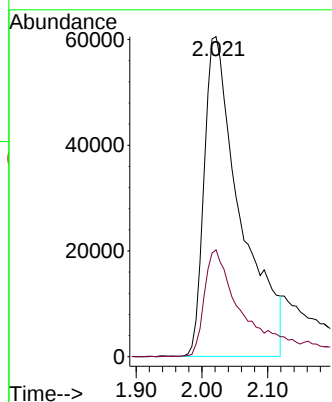
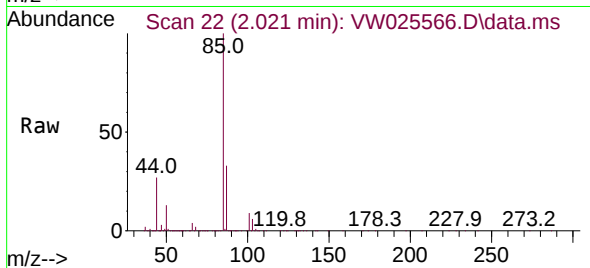




#2
 Dichlorodifluoromethane
 Concen: 22.331 ug/L
 RT: 2.021 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VW025566.D
 Acq: 10 Apr 2023 08:42

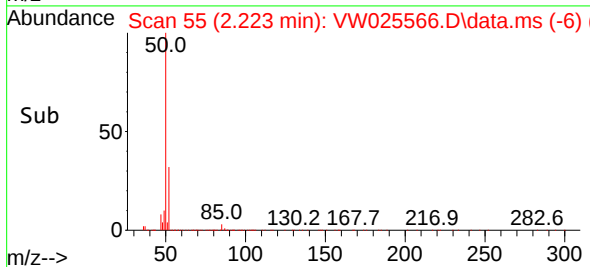
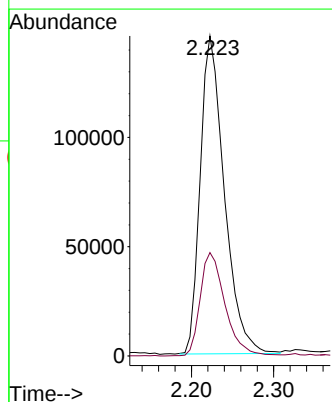
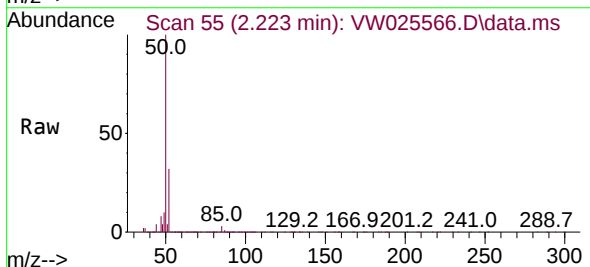
Instrument :
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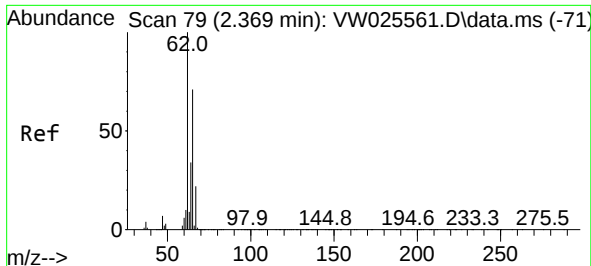
Tgt Ion: 85 Resp: 231616
 Ion Ratio Lower Upper
 85 100
 87 30.0 24.6 37.0



#3
 Chloromethane
 Concen: 24.636 ug/L
 RT: 2.223 min Scan# 55
 Delta R.T. -0.000 min
 Lab File: VW025566.D
 Acq: 10 Apr 2023 08:42

Tgt Ion: 50 Resp: 296449
 Ion Ratio Lower Upper
 50 100
 52 32.3 22.2 41.2

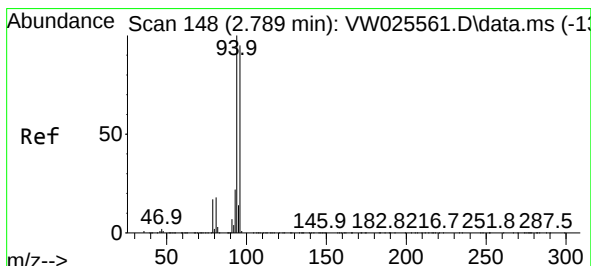
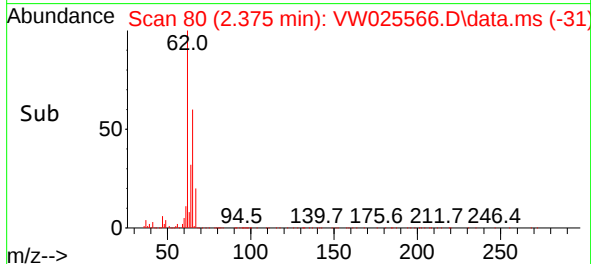
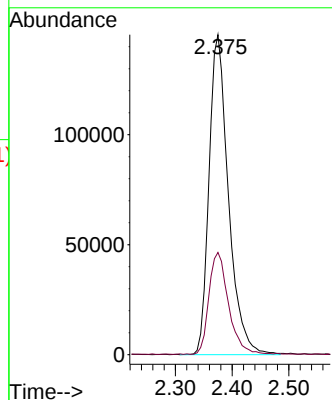
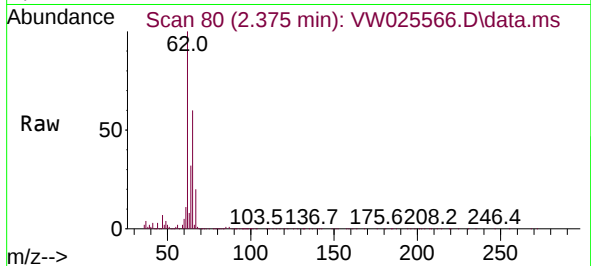




#5
 Vinyl chloride
 Concen: 25.975 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: VW025566.D
 Acq: 10 Apr 2023 08:42

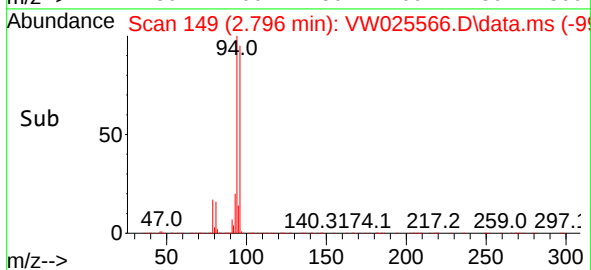
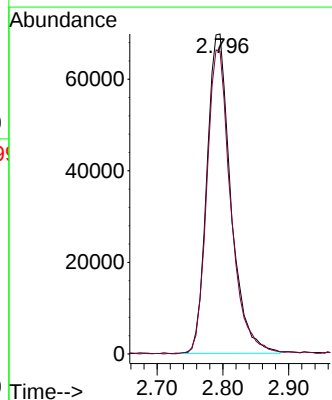
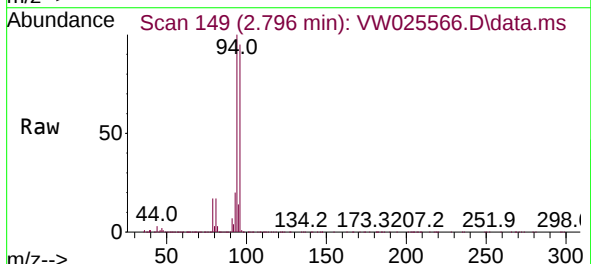
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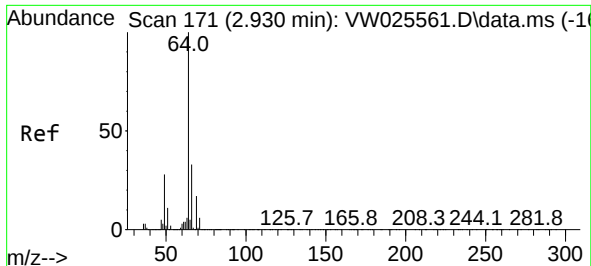
Tgt Ion: 62 Resp: 345528
 Ion Ratio Lower Upper
 62 100
 64 32.0 23.9 44.3



#6
 Bromomethane
 Concen: 24.674 ug/L
 RT: 2.796 min Scan# 149
 Delta R.T. 0.006 min
 Lab File: VW025566.D
 Acq: 10 Apr 2023 08:42

Tgt Ion: 94 Resp: 176563
 Ion Ratio Lower Upper
 94 100
 96 94.6 64.0 118.8

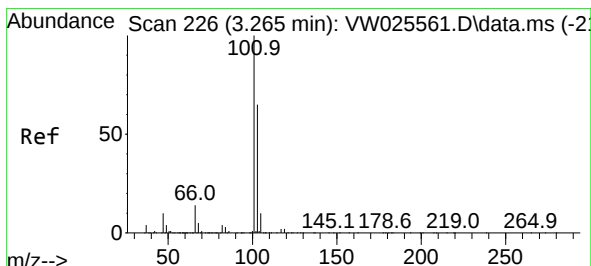
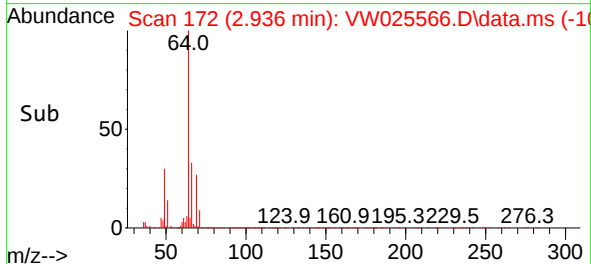
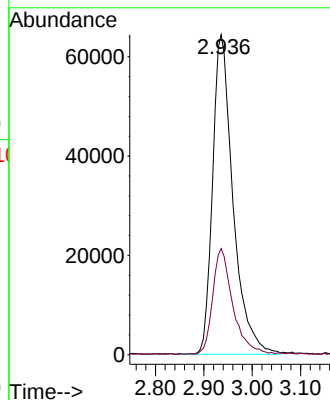
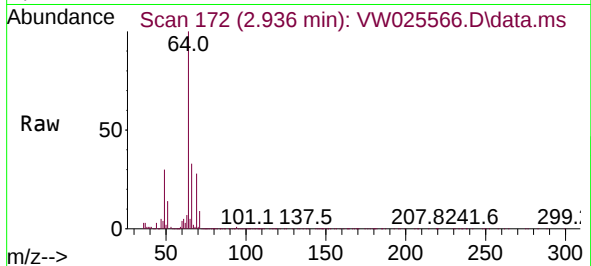




#8
Chloroethane
Concen: 25.274 ug/L
RT: 2.936 min Scan# 171
Delta R.T. -0.000 min
Lab File: VW025566.D
Acq: 10 Apr 2023 08:42

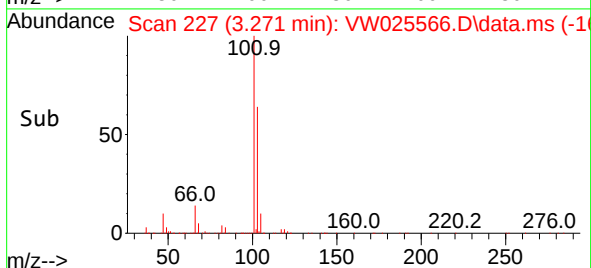
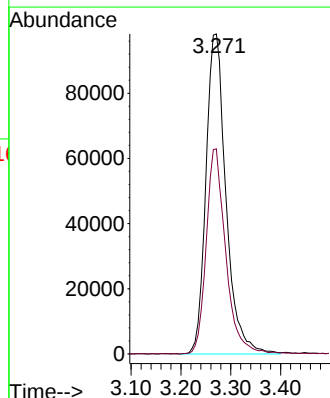
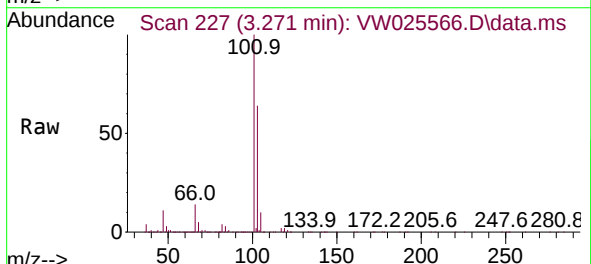
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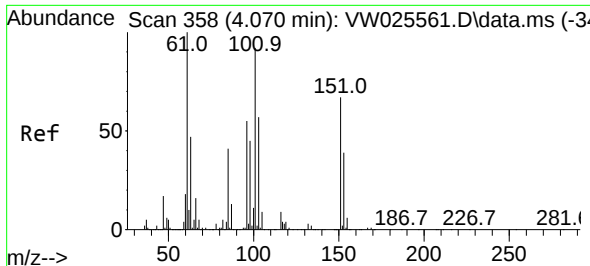
Tgt Ion: 64 Resp: 188297
Ion Ratio Lower Upper
64 100
66 33.1 22.9 42.5



#9
Trichlorofluoromethane
Concen: 26.773 ug/L
RT: 3.271 min Scan# 227
Delta R.T. -0.000 min
Lab File: VW025566.D
Acq: 10 Apr 2023 08:42

Tgt Ion: 101 Resp: 274374
Ion Ratio Lower Upper
101 100
103 62.1 52.3 78.5

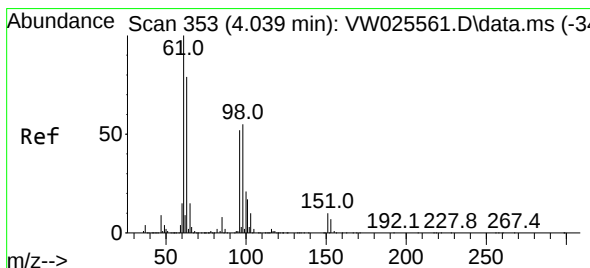
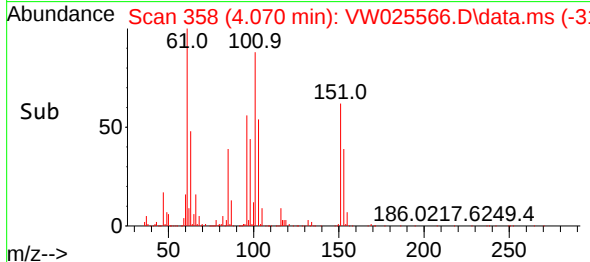
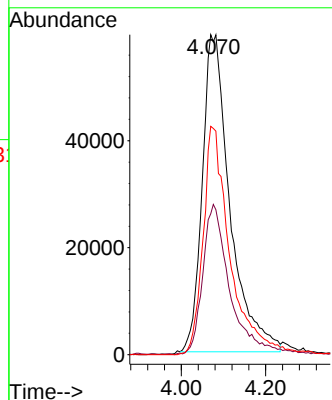
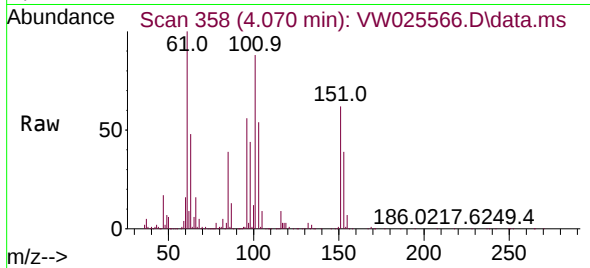




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 26.350 ug/L
 RT: 4.070 min Scan# 358
 Delta R.T. -0.012 min
 Lab File: VW025566.D
 Acq: 10 Apr 2023 08:42

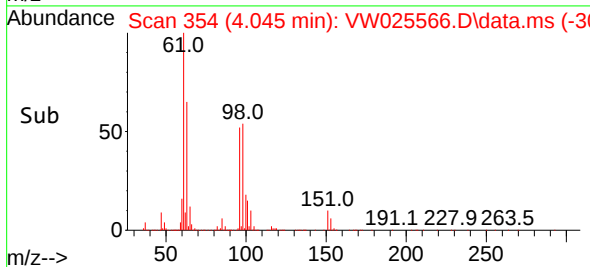
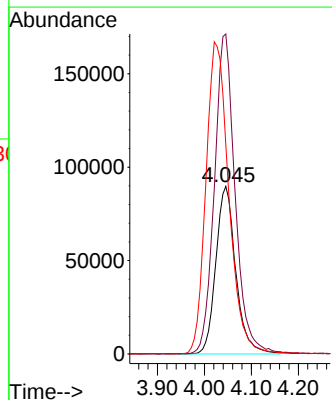
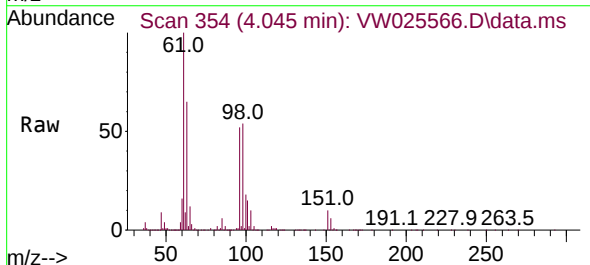
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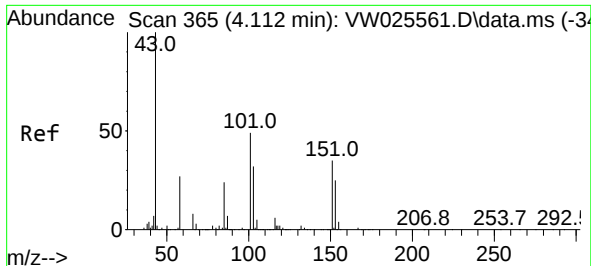
Tgt Ion:101 Resp: 270981
 Ion Ratio Lower Upper
 101 100
 85 44.2 34.5 51.7
 151 69.4 54.8 82.2



#12
 1,1-Dichloroethene
 Concen: 25.664 ug/L
 RT: 4.045 min Scan# 354
 Delta R.T. -0.000 min
 Lab File: VW025566.D
 Acq: 10 Apr 2023 08:42

Tgt Ion: 96 Resp: 264182
 Ion Ratio Lower Upper
 96 100
 61 191.0 132.7 246.4
 63 125.1 105.0 195.0

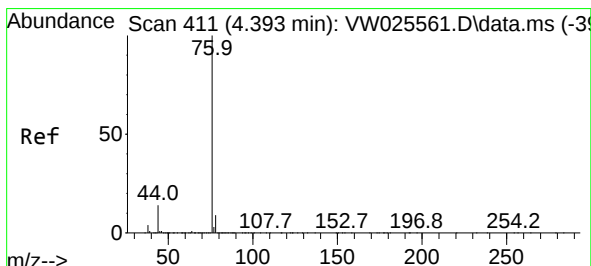
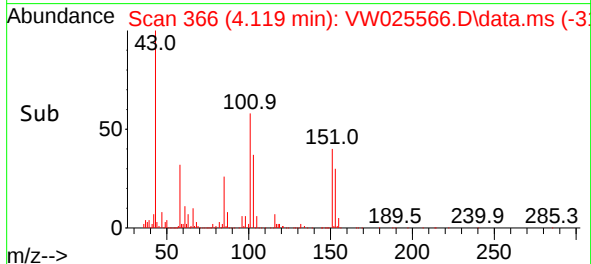
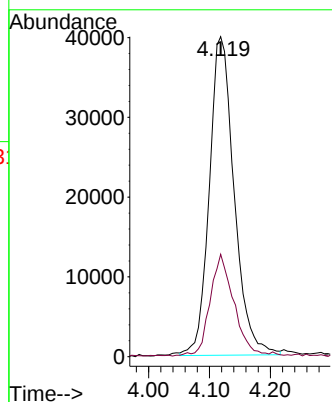
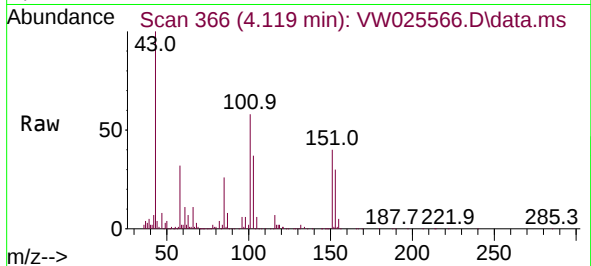




#13
Acetone
Concen: 49.661 ug/L
RT: 4.119 min Scan# 366
Delta R.T. -0.000 min
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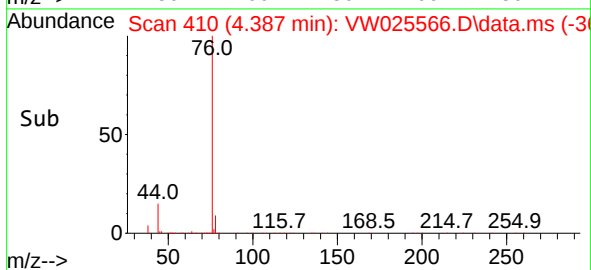
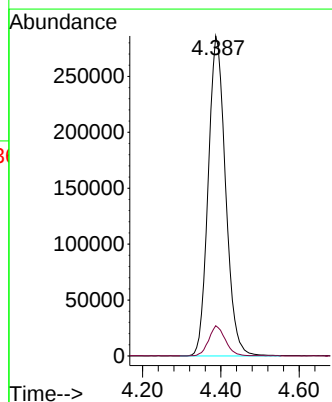
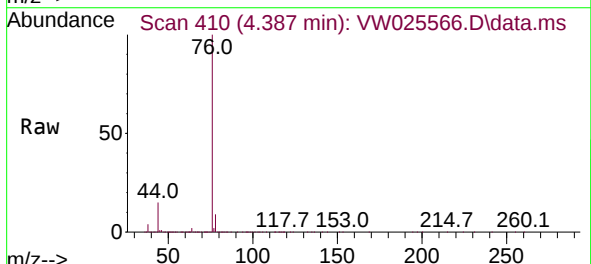
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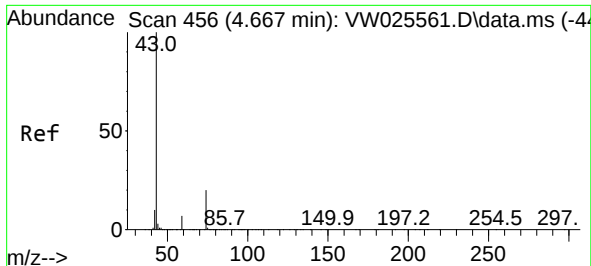
Tgt Ion: 43 Resp: 113169
Ion Ratio Lower Upper
43 100
58 30.3 0.0 57.4



#14
Carbon disulfide
Concen: 24.144 ug/L
RT: 4.387 min Scan# 410
Delta R.T. -0.006 min
Lab File: VW025566.D
Acq: 10 Apr 2023 08:42

Tgt Ion: 76 Resp: 876844
Ion Ratio Lower Upper
76 100
78 9.5 7.1 10.7

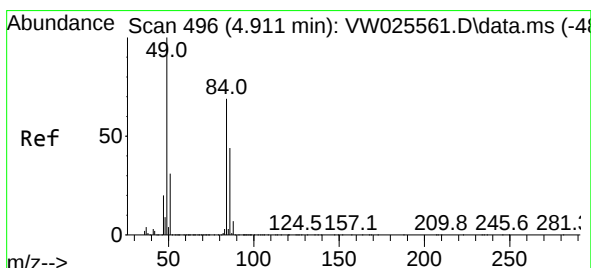
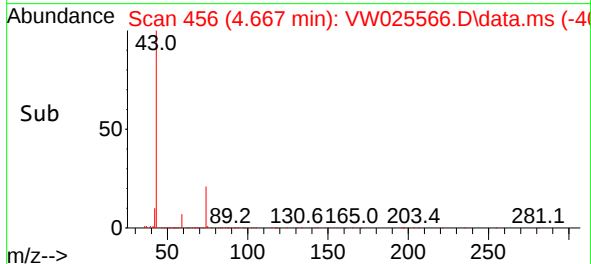
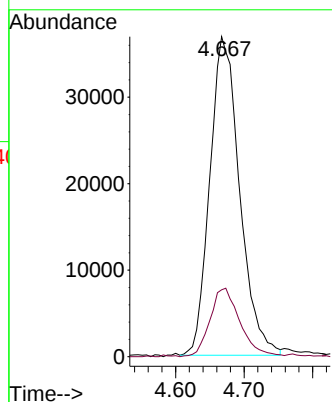
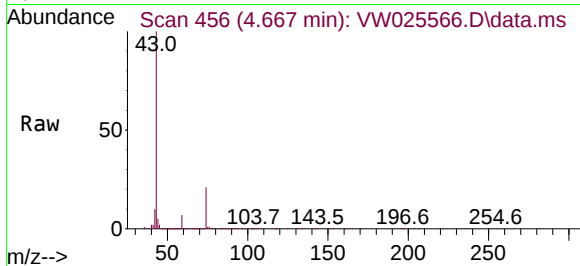




#15
Methyl Acetate
Concen: 21.732 ug/L
RT: 4.667 min Scan# 456
Delta R.T. -0.006 min
Lab File: VW025566.D
Acq: 10 Apr 2023 08:42

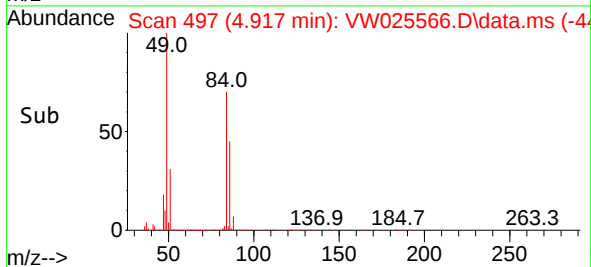
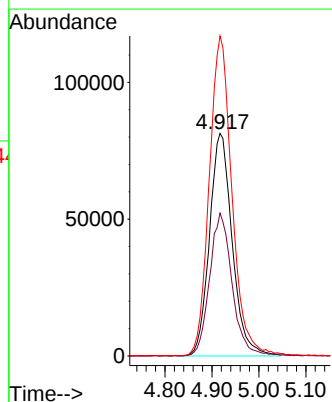
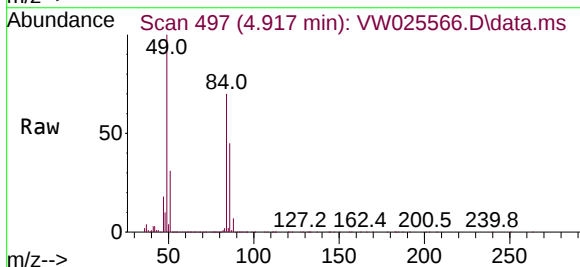
Instrument :
MSVOA_W
ClientSampleId :
VSTD025567

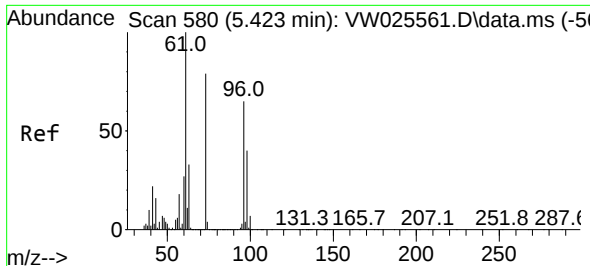
Tgt Ion: 43 Resp: 111261
Ion Ratio Lower Upper
43 100
74 21.7 17.0 25.4



#16
Methylene chloride
Concen: 23.210 ug/L
RT: 4.917 min Scan# 497
Delta R.T. -0.006 min
Lab File: VW025566.D
Acq: 10 Apr 2023 08:42

Tgt Ion: 84 Resp: 273628
Ion Ratio Lower Upper
84 100
86 64.2 44.9 83.3
49 143.8 101.4 188.4

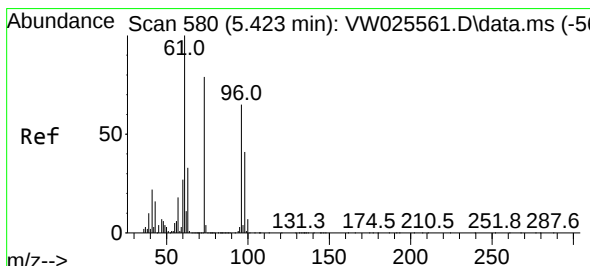
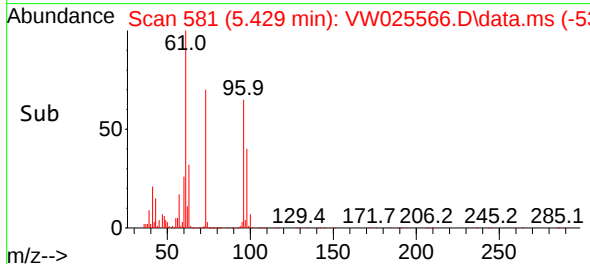
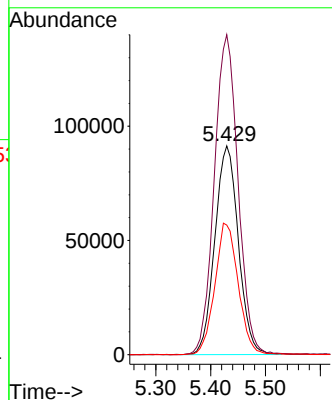
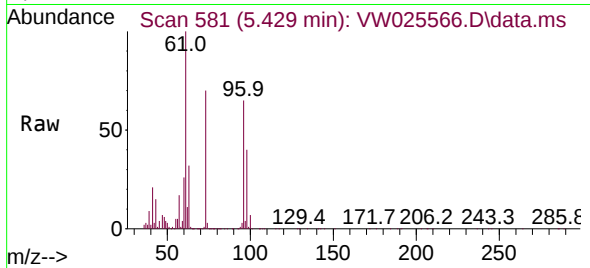




#17
trans-1,2-Dichloroethene
Concen: 24.918 ug/L
RT: 5.429 min Scan# 581
Delta R.T. -0.000 min
Lab File: VW025566.D
Acq: 10 Apr 2023 08:42

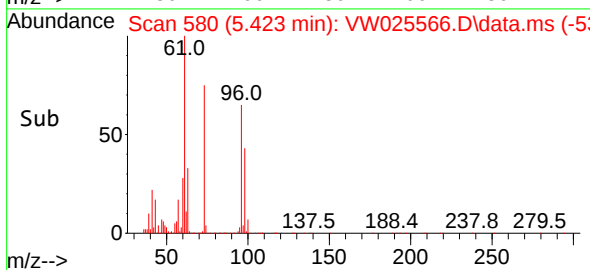
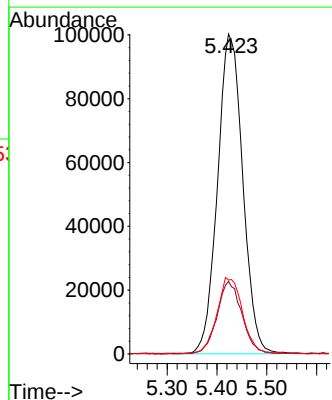
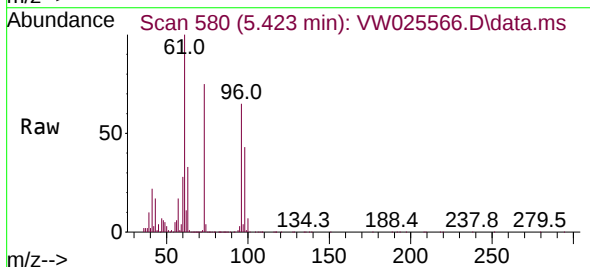
Instrument :
MSVOA_W
ClientSampleId :
VSTD025567

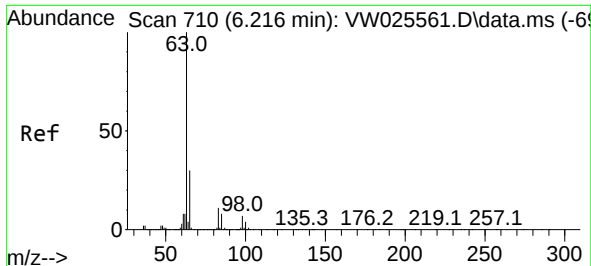
Tgt Ion: 96 Resp: 272706
Ion Ratio Lower Upper
96 100
61 153.3 113.3 210.3
98 62.1 43.6 81.0



#18
Methyl tert-butyl Ether
Concen: 23.285 ug/L
RT: 5.423 min Scan# 580
Delta R.T. -0.006 min
Lab File: VW025566.D
Acq: 10 Apr 2023 08:42

Tgt Ion: 73 Resp: 351681
Ion Ratio Lower Upper
73 100
43 21.9 17.8 26.6
57 23.9 19.0 28.6





#19

1,1-Dichloroethane

Concen: 25.189 ug/L

RT: 6.216 min Scan# 710

Delta R.T. -0.006 min

Lab File: VW025566.D

Acq: 10 Apr 2023 08:42

Instrument :

MSVOA_W

ClientSampleId :

VSTD025567

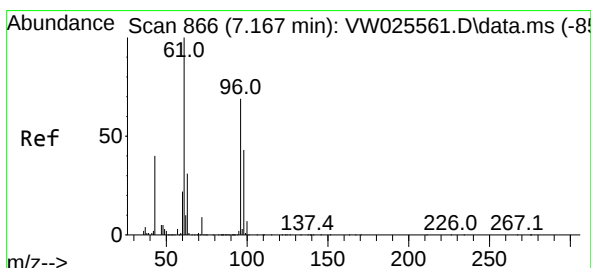
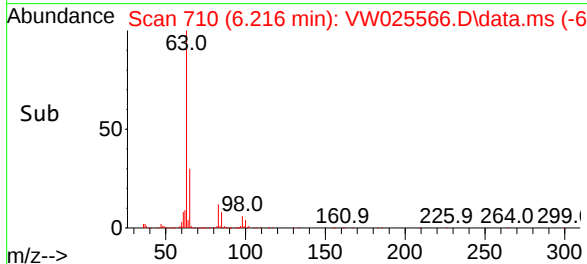
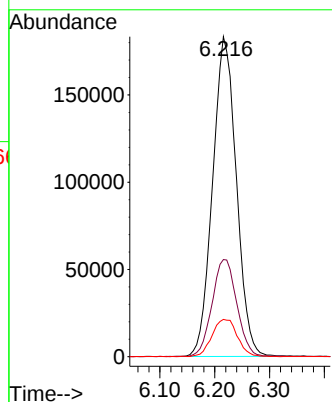
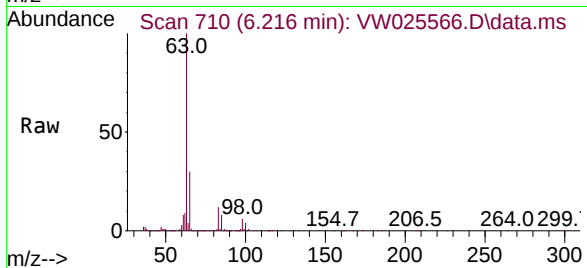
Tgt Ion: 63 Resp: 550764

Ion Ratio Lower Upper

63 100

65 30.4 21.9 40.7

83 11.7 9.0 16.8



#20

cis-1,2-Dichloroethene

Concen: 25.027 ug/L

RT: 7.173 min Scan# 867

Delta R.T. -0.000 min

Lab File: VW025566.D

Acq: 10 Apr 2023 08:42

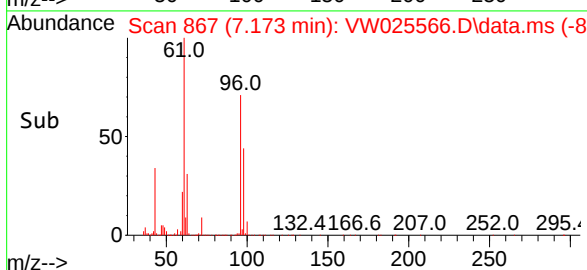
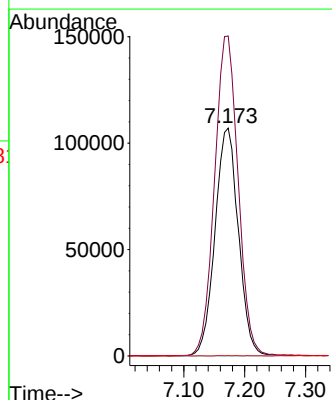
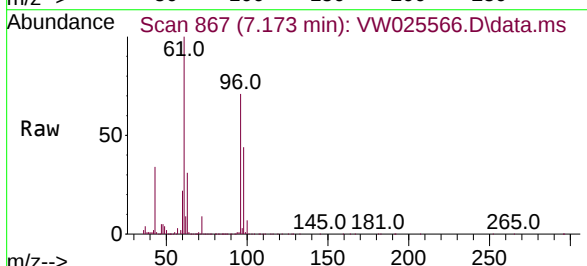
Tgt Ion: 96 Resp: 284978

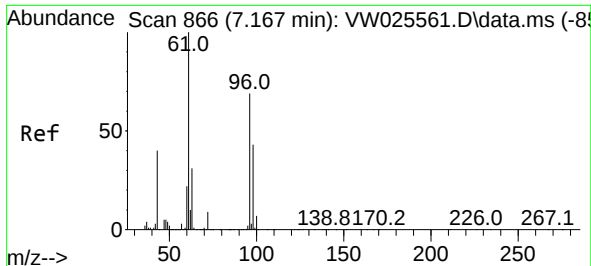
Ion Ratio Lower Upper

96 100

61 140.4 102.6 190.6

68 0.2 0.1 0.1#

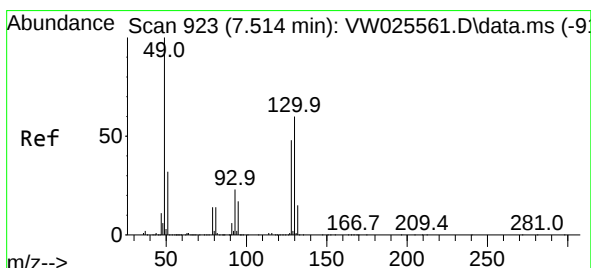
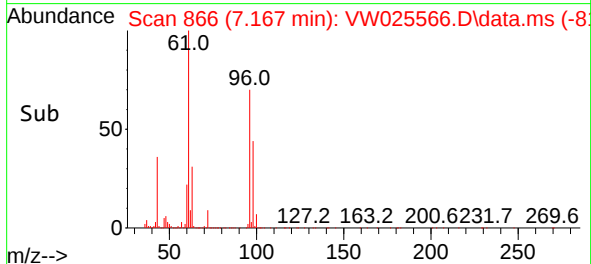
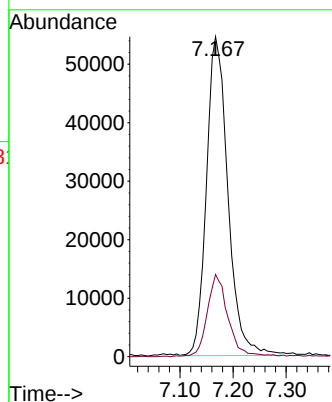
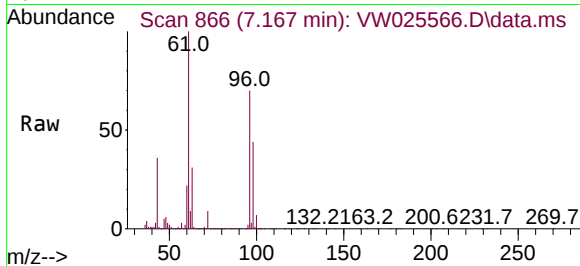




#22
2-Butanone
Concen: 47.392 ug/L
RT: 7.167 min Scan# 866
Delta R.T. -0.000 min
Lab File: VW025566.D
Acq: 10 Apr 2023 08:42

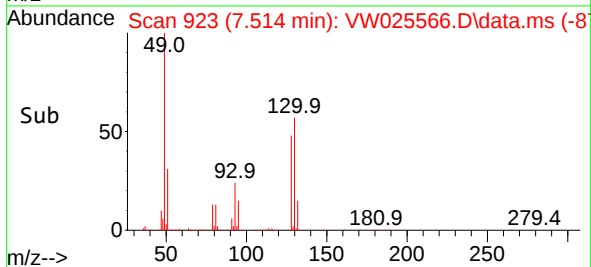
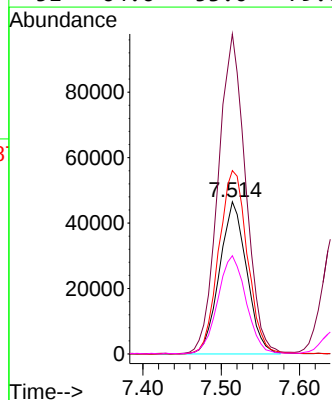
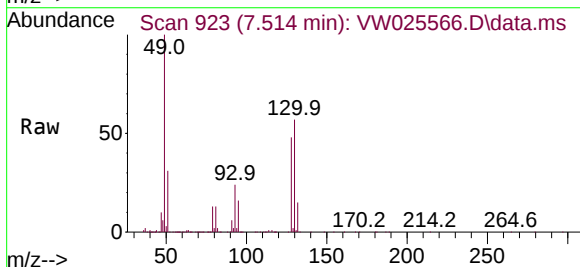
Instrument :
MSVOA_W
ClientSampleId :
VSTD025567

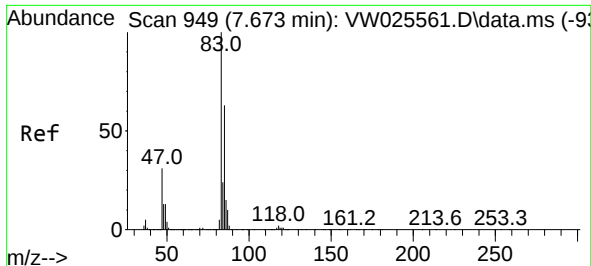
Tgt Ion: 43 Resp: 153530
Ion Ratio Lower Upper
43 100
72 23.6 12.0 36.0



#23
Bromochloromethane
Concen: 24.029 ug/L
RT: 7.514 min Scan# 923
Delta R.T. -0.000 min
Lab File: VW025566.D
Acq: 10 Apr 2023 08:42

Tgt Ion: 128 Resp: 112207
Ion Ratio Lower Upper
128 100
49 210.3 141.7 263.3
130 120.5 86.7 160.9
51 64.6 53.0 79.6

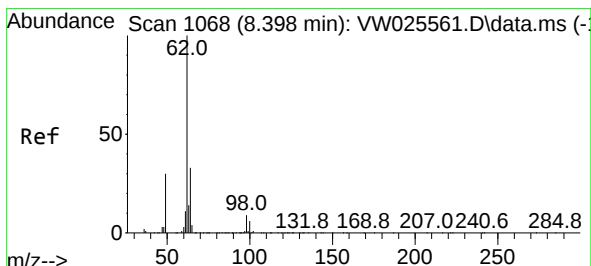
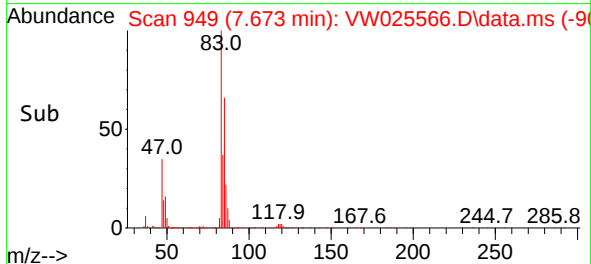
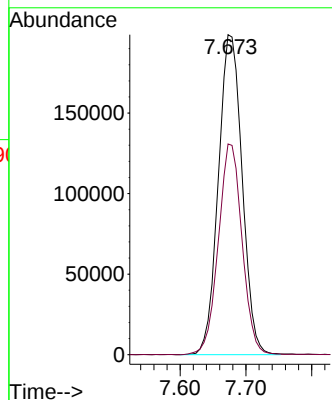
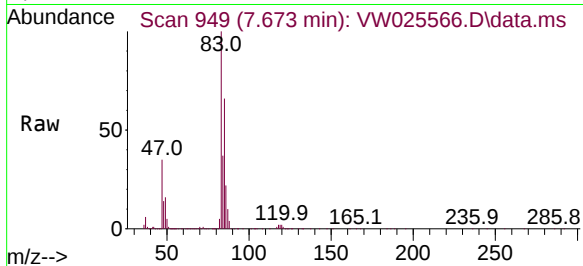




#25
Chloroform
Concen: 25.009 ug/L
RT: 7.673 min Scan# 949
Delta R.T. -0.006 min
Lab File: VW025566.D
Acq: 10 Apr 2023 08:42

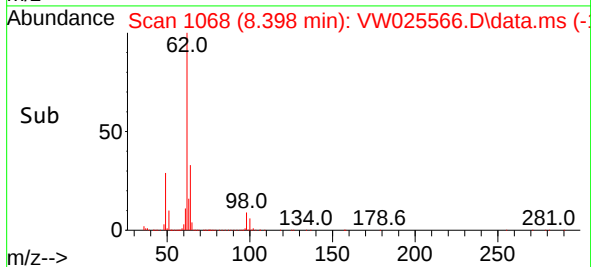
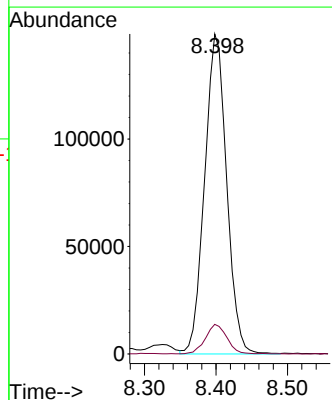
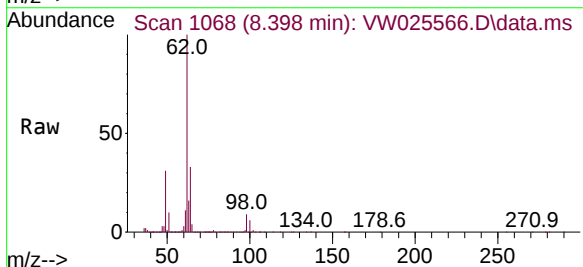
Instrument :
MSVOA_W
ClientSampleId :
VSTD025567

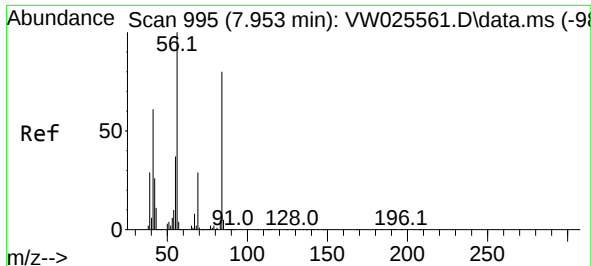
Tgt Ion: 83 Resp: 500058
Ion Ratio Lower Upper
83 100
85 65.9 45.8 85.2



#27
1,2-Dichloroethane
Concen: 23.757 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. -0.000 min
Lab File: VW025566.D
Acq: 10 Apr 2023 08:42

Tgt Ion: 62 Resp: 318765
Ion Ratio Lower Upper
62 100
98 9.2 6.6 10.0

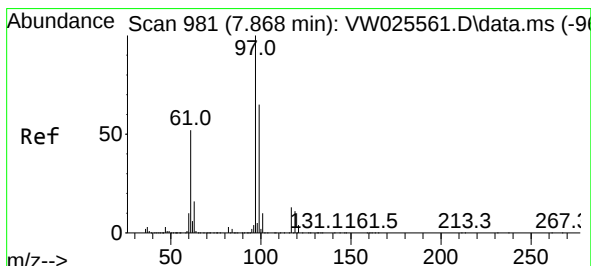
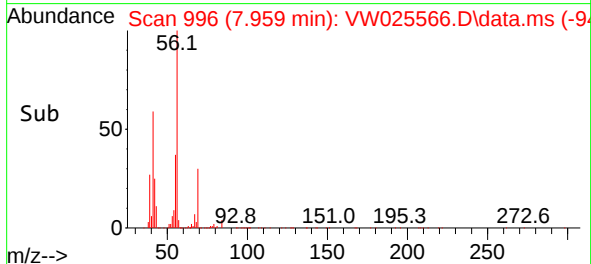
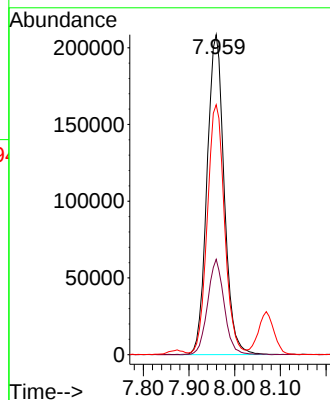
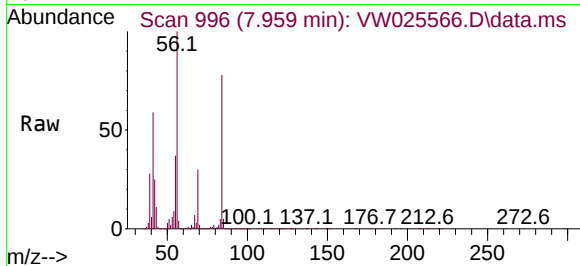




#29
Cyclohexane
Concen: 26.132 ug/L
RT: 7.959 min Scan# 996
Delta R.T. -0.000 min
Lab File: VW025566.D
Acq: 10 Apr 2023 08:42

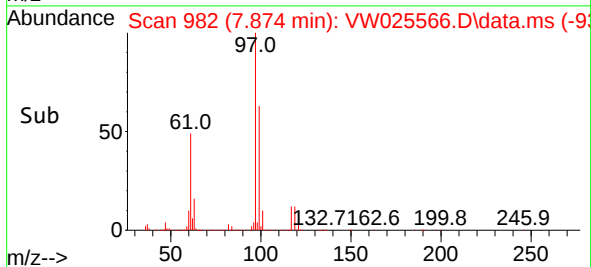
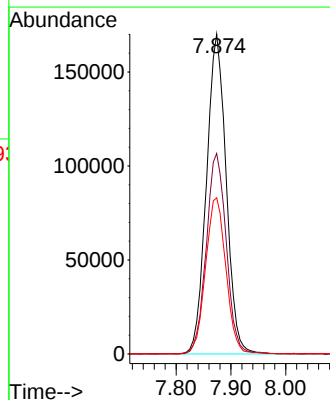
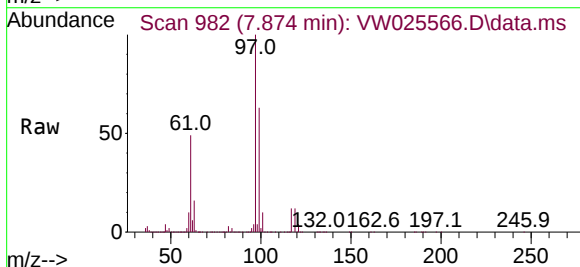
Instrument :
MSVOA_W
ClientSampleId :
VSTD025567

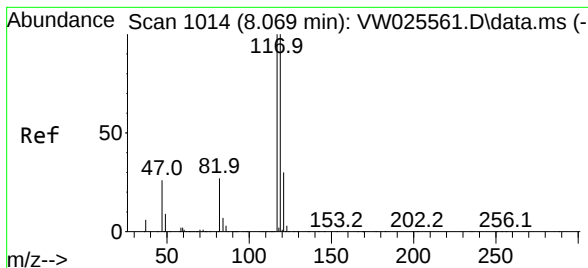
Tgt Ion: 56 Resp: 543505
Ion Ratio Lower Upper
56 100
69 28.8 22.7 34.1
84 78.7 62.5 93.7



#30
1,1,1-Trichloroethane
Concen: 26.577 ug/L
RT: 7.874 min Scan# 982
Delta R.T. -0.000 min
Lab File: VW025566.D
Acq: 10 Apr 2023 08:42

Tgt Ion: 97 Resp: 424343
Ion Ratio Lower Upper
97 100
99 63.6 51.0 76.6
61 50.4 40.5 60.7





#31

Carbon tetrachloride

Concen: 26.017 ug/L

RT: 8.069 min Scan# 1014

Delta R.T. -0.006 min

Lab File: VW025566.D

Acq: 10 Apr 2023 08:42

Instrument :

MSVOA_W

ClientSampleId :

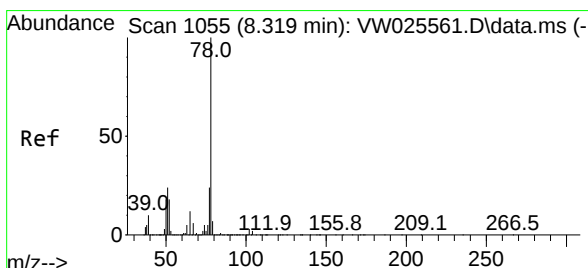
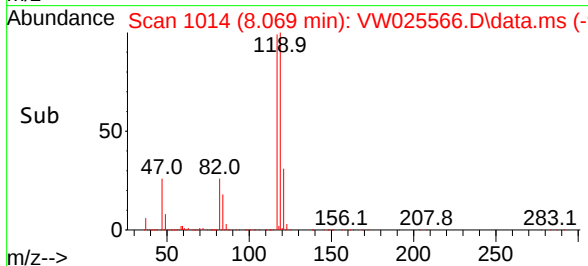
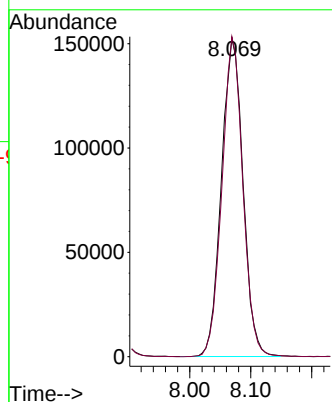
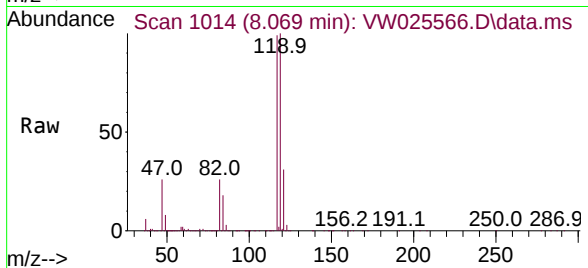
VSTD025567

Tgt Ion:117 Resp: 375138

Ion Ratio Lower Upper

117 100

119 97.1 75.7 113.5



#33

Benzene

Concen: 25.479 ug/L

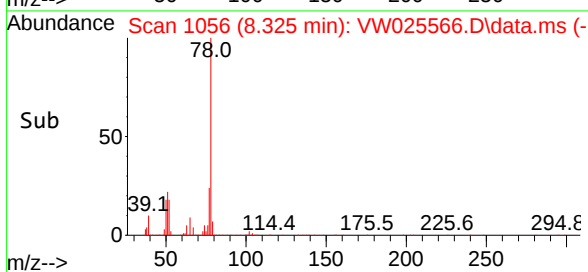
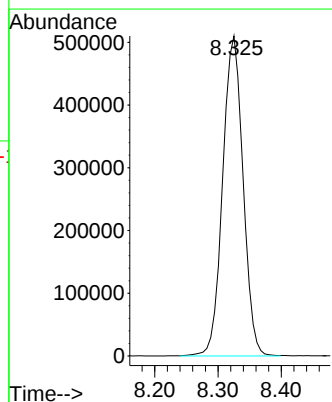
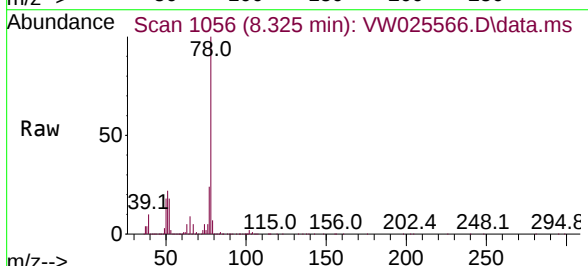
RT: 8.325 min Scan# 1056

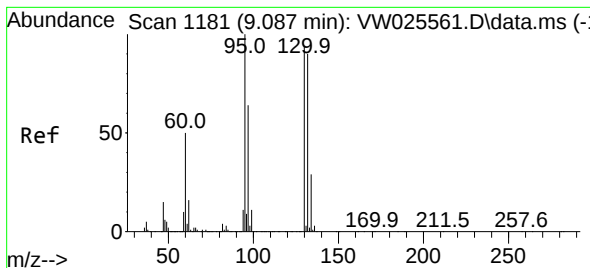
Delta R.T. -0.000 min

Lab File: VW025566.D

Acq: 10 Apr 2023 08:42

Tgt Ion: 78 Resp: 1139625





#34

Trichloroethene

Concen: 25.256 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. -0.000 min

Lab File: VW025566.D

Acq: 10 Apr 2023 08:42

Instrument :

MSVOA_W

ClientSampleId :

VSTD025567

Tgt Ion: 95 Resp: 293825

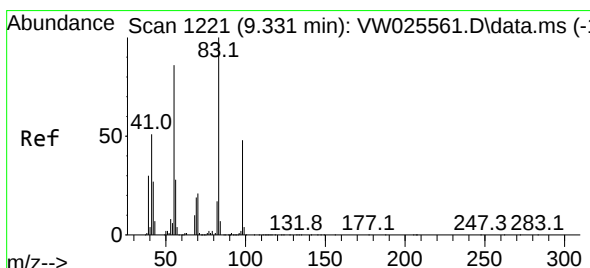
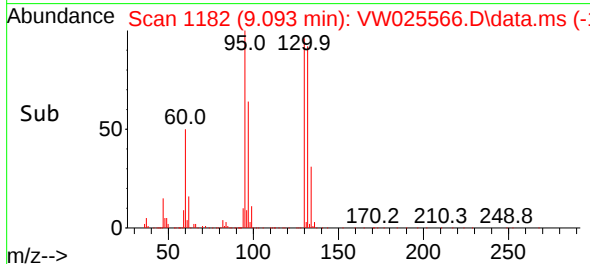
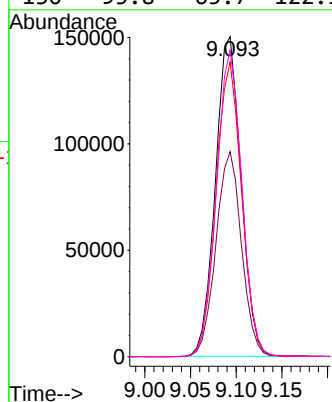
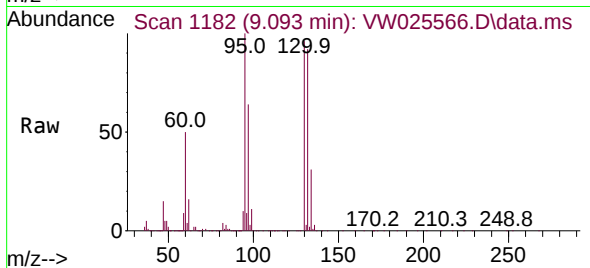
Ion Ratio Lower Upper

95 100

97 64.0 42.5 78.9

132 92.1 59.8 111.1

130 95.8 65.7 122.1



#35

Methylcyclohexane

Concen: 25.758 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. -0.000 min

Lab File: VW025566.D

Acq: 10 Apr 2023 08:42

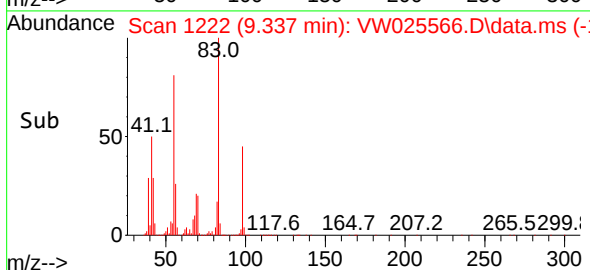
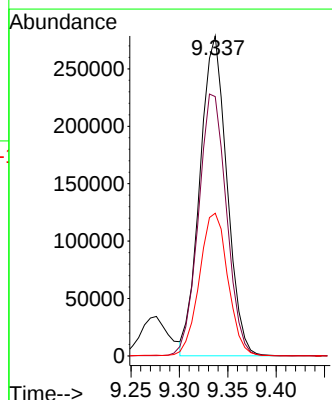
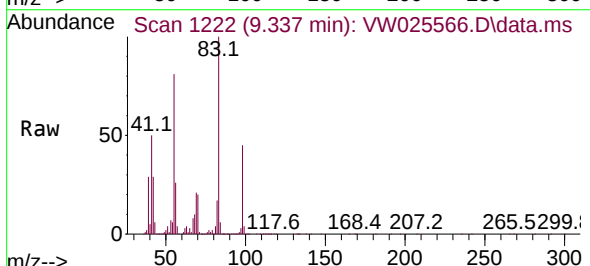
Tgt Ion: 83 Resp: 541116

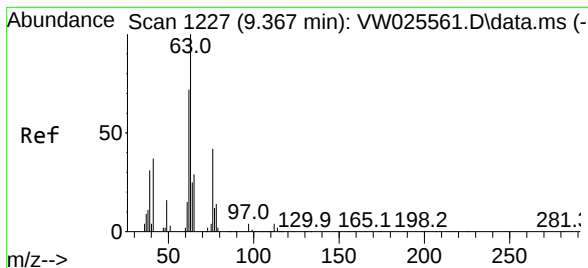
Ion Ratio Lower Upper

83 100

55 85.1 68.7 103.1

98 47.2 37.7 56.5





#37

1,2-Dichloropropane

Concen: 25.622 ug/L

RT: 9.368 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW025566.D

Acq: 10 Apr 2023 08:42

Instrument :

MSVOA_W

ClientSampleId :

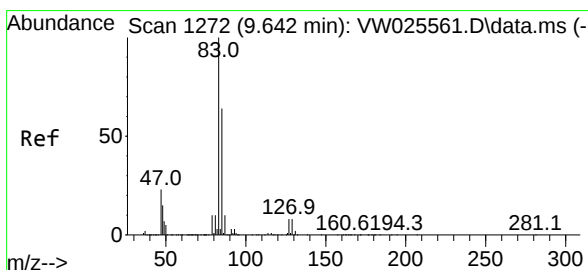
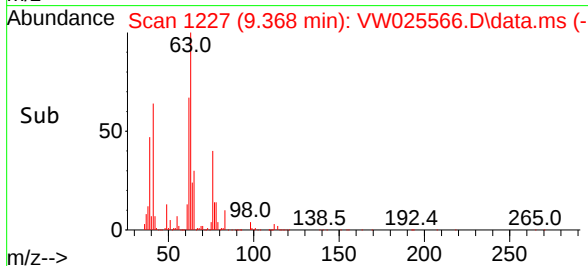
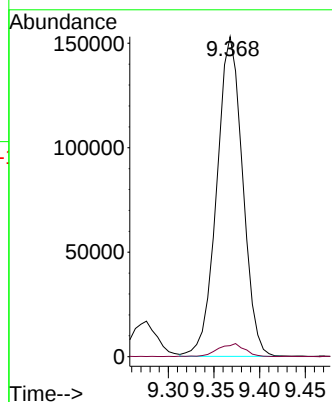
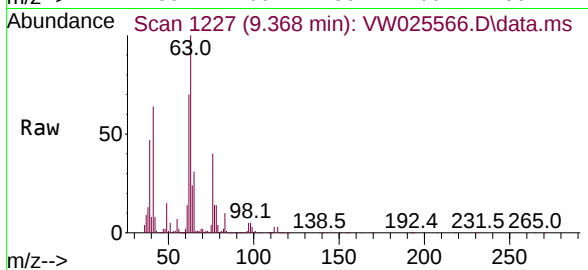
VSTD025567

Tgt Ion: 63 Resp: 302658

Ion Ratio Lower Upper

63 100

112 4.2 3.4 5.0



#38

Bromodichloromethane

Concen: 25.213 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. -0.006 min

Lab File: VW025566.D

Acq: 10 Apr 2023 08:42

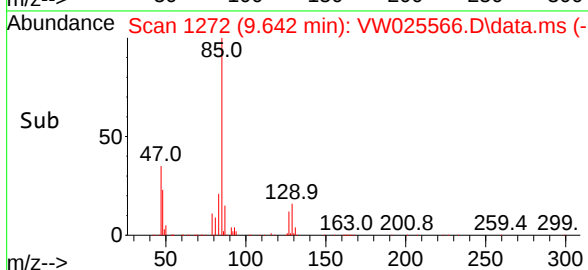
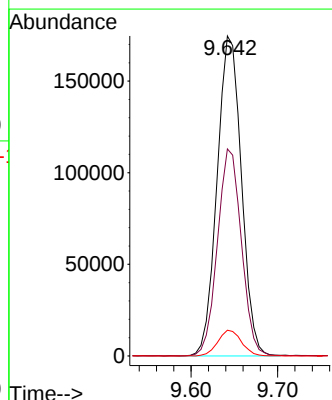
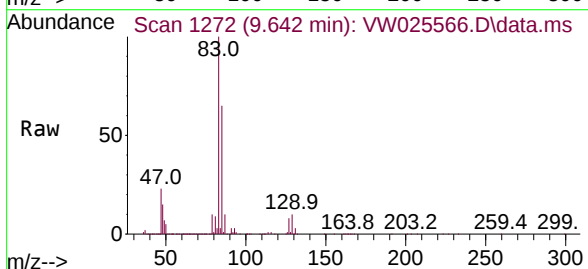
Tgt Ion: 83 Resp: 340765

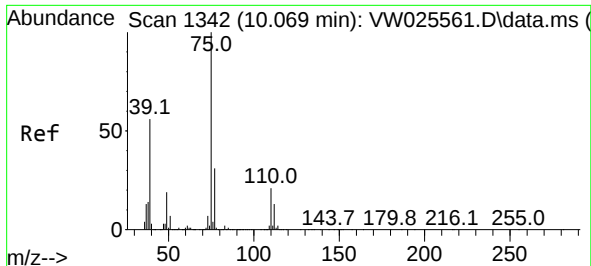
Ion Ratio Lower Upper

83 100

85 64.7 43.5 80.7

127 8.0 5.8 8.8

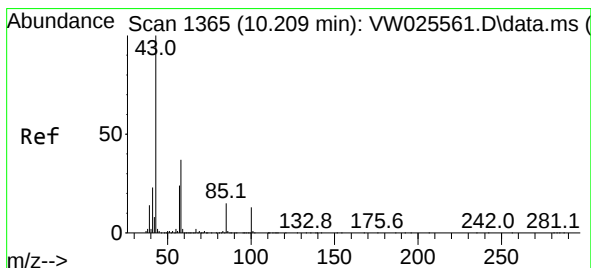
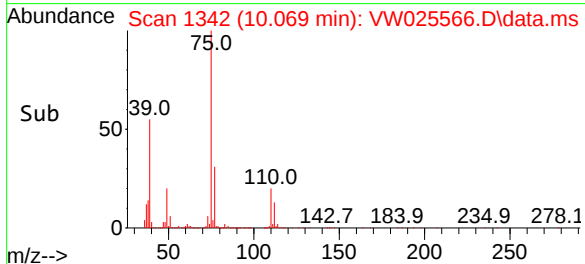
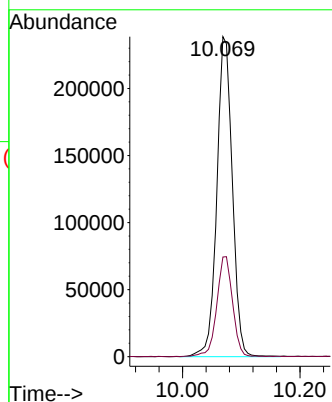
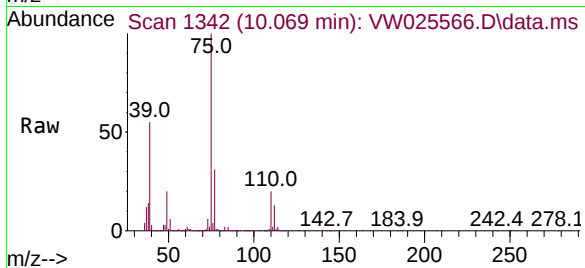




#39
 cis-1,3-Dichloropropene
 Concen: 25.738 ug/L
 RT: 10.069 min Scan# 1342
 Delta R.T. -0.006 min
 Lab File: VW025566.D
 Acq: 10 Apr 2023 08:42

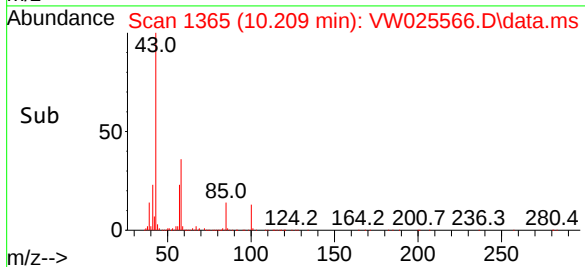
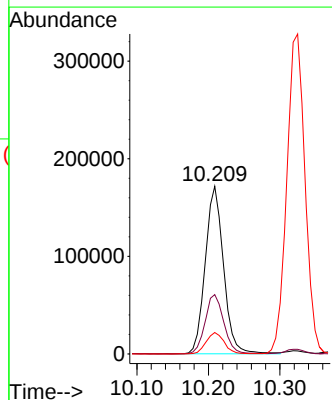
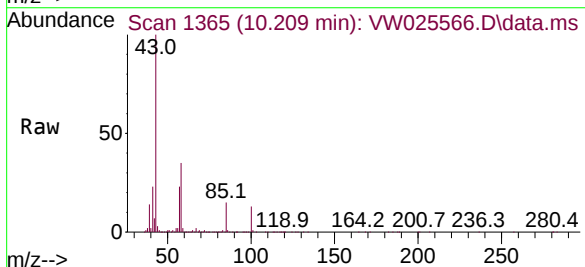
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025567

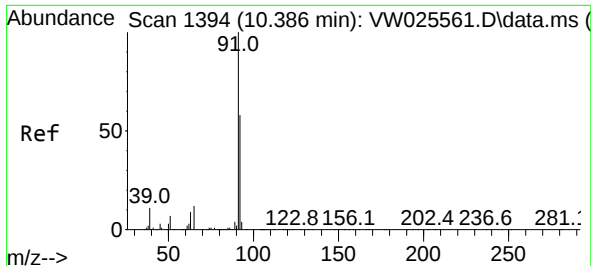
Tgt Ion: 75 Resp: 436113
 Ion Ratio Lower Upper
 75 100
 77 31.1 22.8 42.4



#40
 4-Methyl-2-pentanone
 Concen: 45.611 ug/L
 RT: 10.209 min Scan# 1365
 Delta R.T. -0.000 min
 Lab File: VW025566.D
 Acq: 10 Apr 2023 08:42

Tgt Ion: 43 Resp: 304966
 Ion Ratio Lower Upper
 43 100
 58 36.5 29.2 43.8
 100 12.7 10.2 15.4

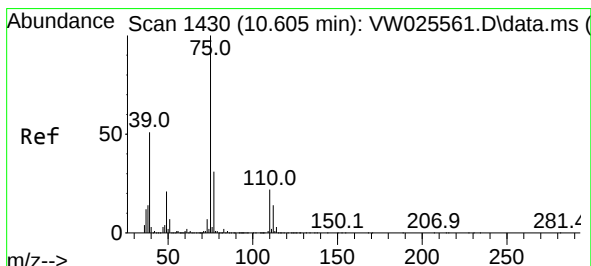
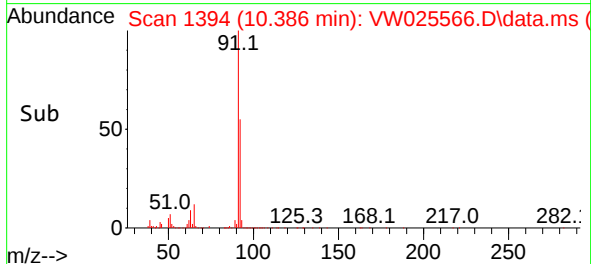
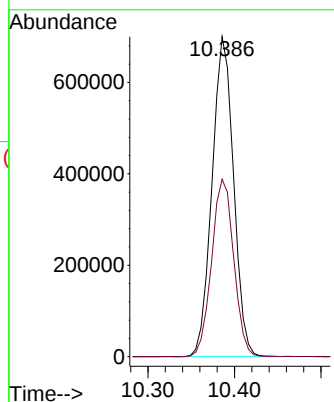
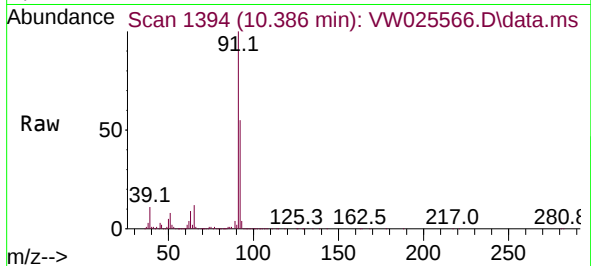




#42
Toluene
Concen: 26.520 ug/L
RT: 10.386 min Scan# 1394
Delta R.T. -0.000 min
Lab File: VW025566.D
Acq: 10 Apr 2023 08:42

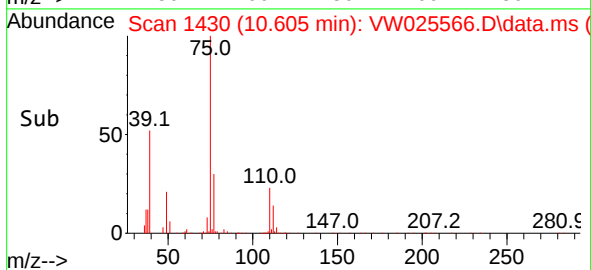
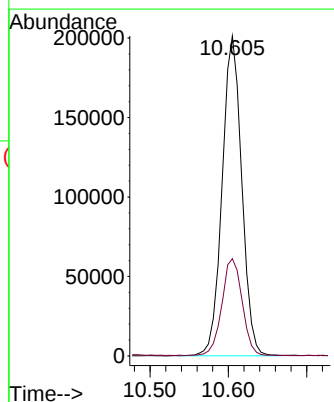
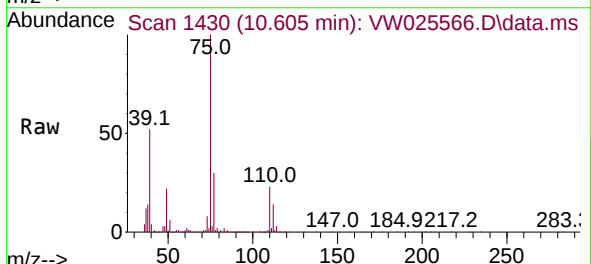
Instrument :
MSVOA_W
ClientSampleId :
VSTD025567

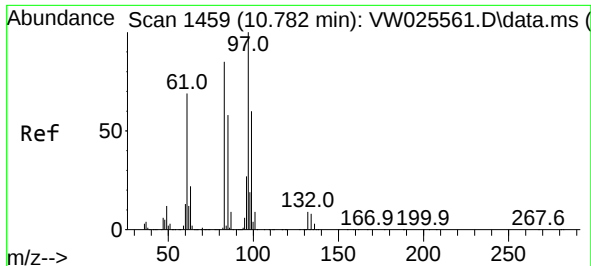
Tgt Ion: 91 Resp: 1207850
Ion Ratio Lower Upper
91 100
92 55.4 41.1 76.3



#44
trans-1,3-Dichloropropene
Concen: 25.061 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VW025566.D
Acq: 10 Apr 2023 08:42

Tgt Ion: 75 Resp: 350165
Ion Ratio Lower Upper
75 100
77 30.4 22.5 41.9



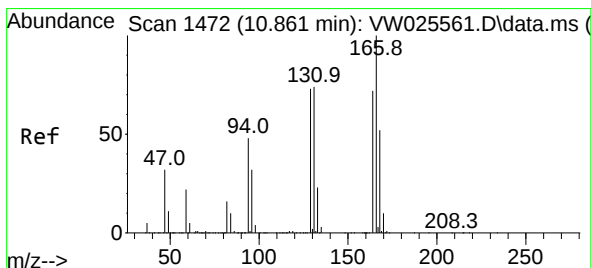
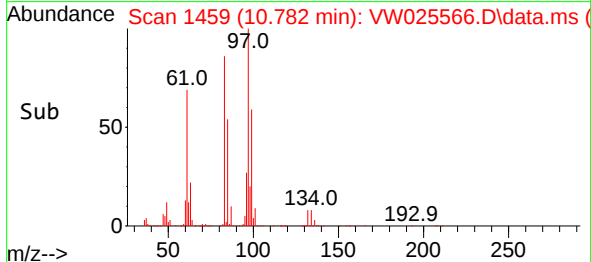
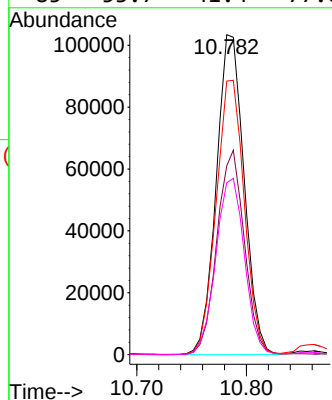
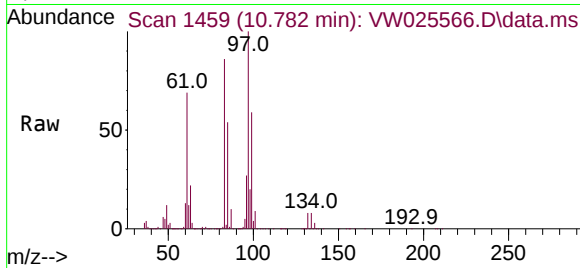


#45
1,1,2-Trichloroethane
Concen: 24.216 ug/L
RT: 10.782 min Scan# 1459
Delta R.T. -0.000 min
Lab File: VW025566.D
Acq: 10 Apr 2023 08:42

Instrument :
MSVOA_W
ClientSampleId :
VSTD025567

Tgt Ion: 97 Resp: 182391

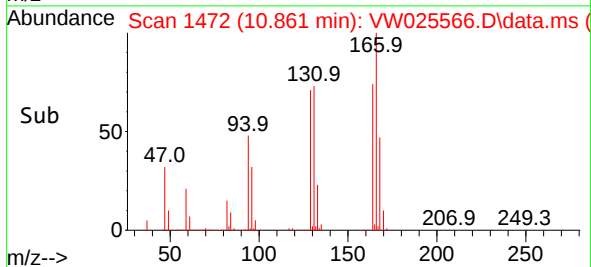
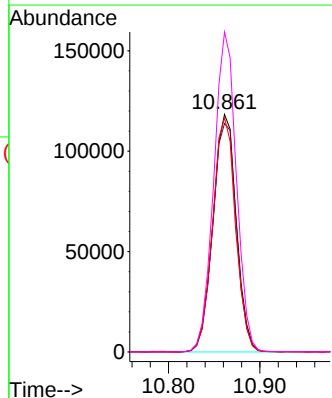
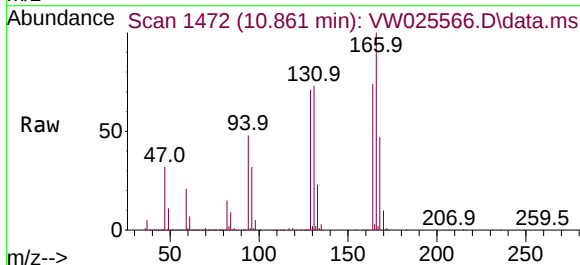
Ion	Ratio	Lower	Upper
97	100		
99	59.0	43.8	81.3
83	85.5	61.8	114.8
85	53.7	41.4	77.0

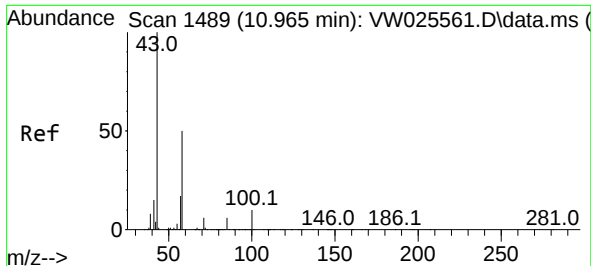


#46
Tetrachloroethene
Concen: 25.570 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VW025566.D
Acq: 10 Apr 2023 08:42

Tgt Ion: 164 Resp: 209223

Ion	Ratio	Lower	Upper
164	100		
129	96.1	76.9	142.9
131	98.5	70.5	130.9
166	134.7	89.2	165.8



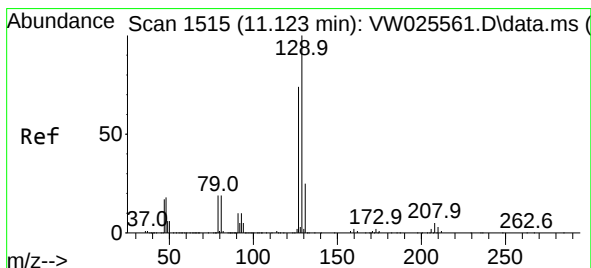
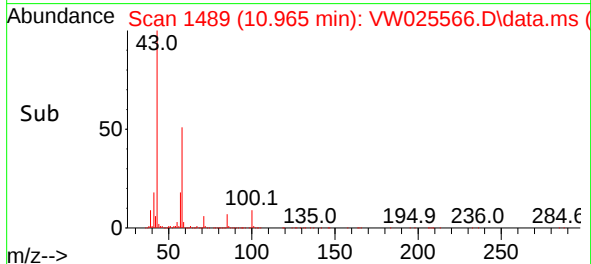
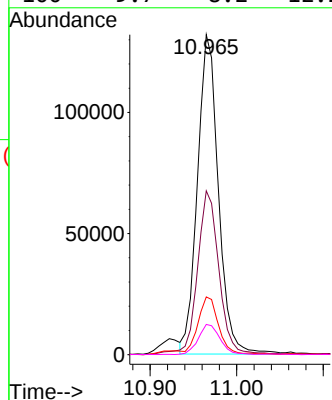
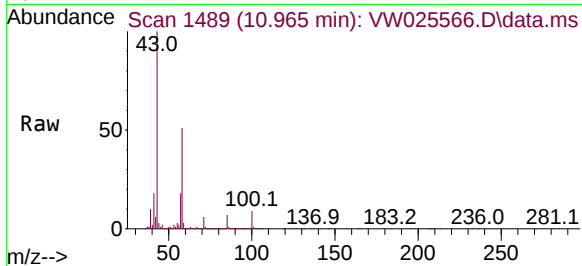


#48
2-Hexanone
Concen: 48.035 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VW025566.D
Acq: 10 Apr 2023 08:42

Instrument :
MSVOA_W
ClientSampleId :
VSTD025567

Tgt Ion: 43 Resp: 221906

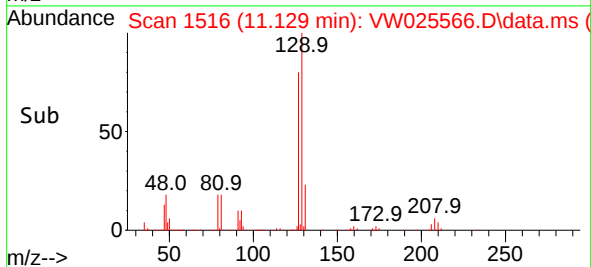
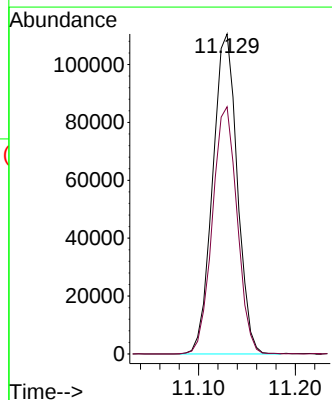
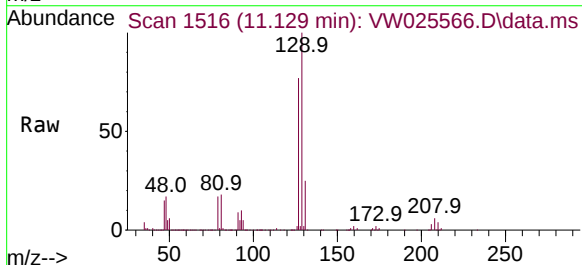
Ion	Ratio	Lower	Upper
43	100		
58	52.6	38.6	57.8
57	16.6	13.9	20.9
100	9.7	8.2	12.2

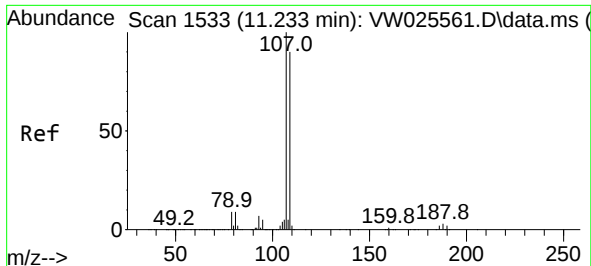


#49
Dibromochloromethane
Concen: 24.612 ug/L
RT: 11.129 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VW025566.D
Acq: 10 Apr 2023 08:42

Tgt Ion: 129 Resp: 195174

Ion	Ratio	Lower	Upper
129	100		
127	77.3	54.0	100.2





#50

1,2-Dibromoethane

Concen: 24.160 ug/L

RT: 11.233 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW025566.D

Acq: 10 Apr 2023 08:42

Instrument :

MSVOA_W

ClientSampleId :

VSTD025567

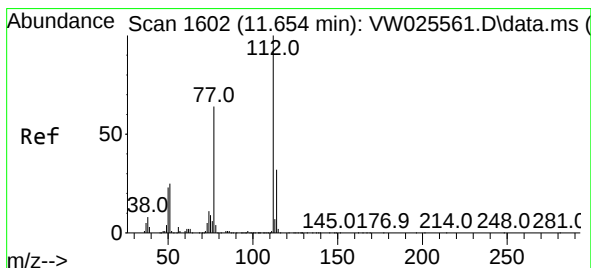
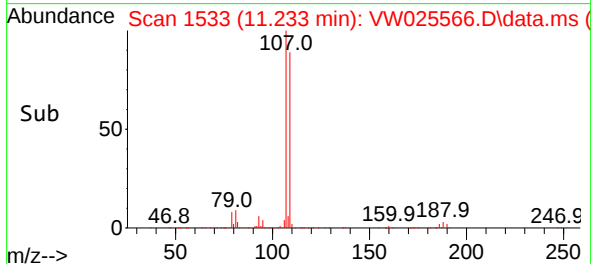
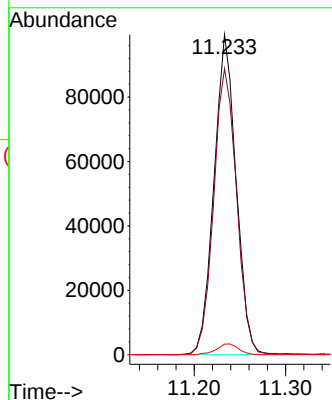
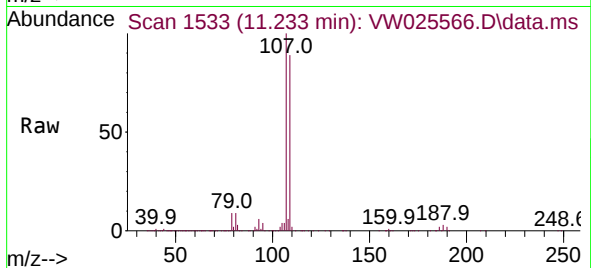
Tgt Ion:107 Resp: 167201

Ion Ratio Lower Upper

107 100

109 89.4 64.1 119.1

188 3.3 2.8 4.2



#51

Chlorobenzene

Concen: 24.832 ug/L

RT: 11.654 min Scan# 1602

Delta R.T. -0.000 min

Lab File: VW025566.D

Acq: 10 Apr 2023 08:42

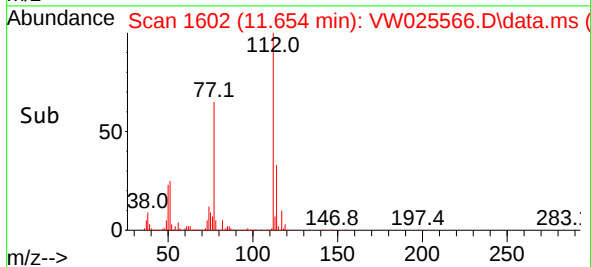
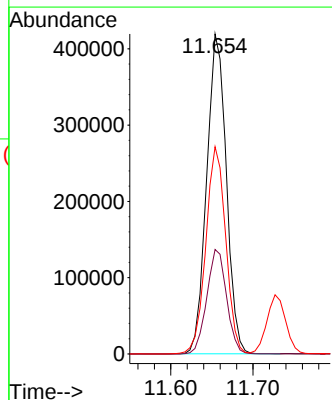
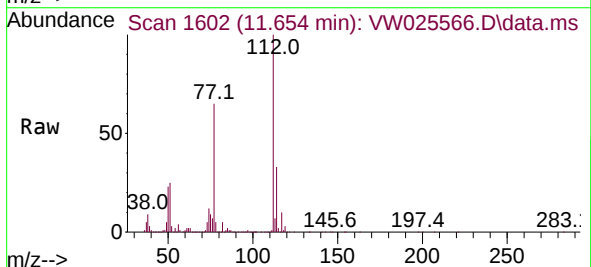
Tgt Ion:112 Resp: 696918

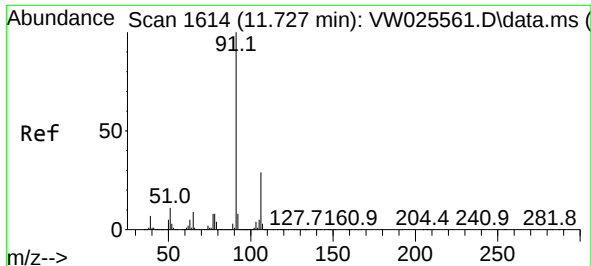
Ion Ratio Lower Upper

112 100

114 32.6 21.6 40.2

77 64.7 50.2 75.2

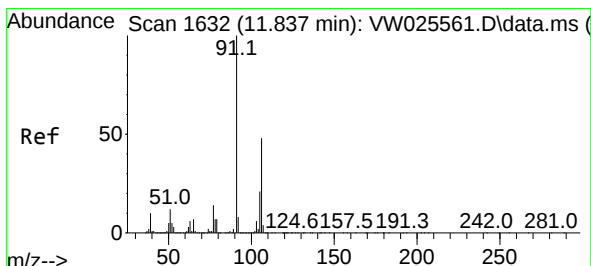
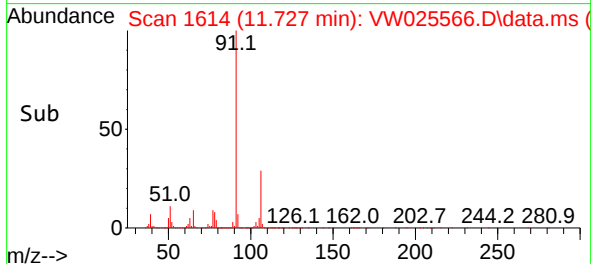
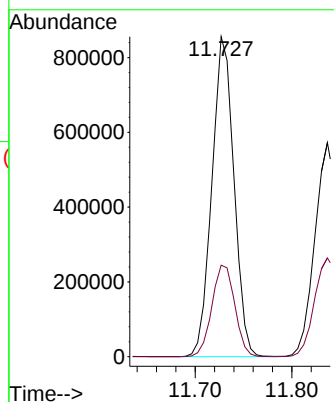
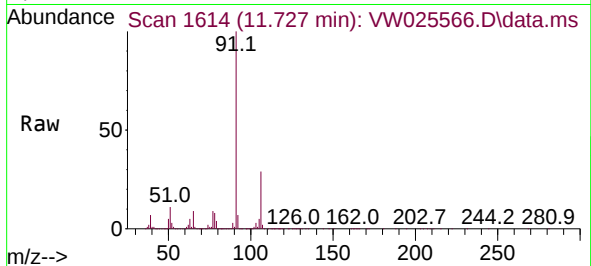




#52
Ethylbenzene
Concen: 26.272 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VW025566.D
Acq: 10 Apr 2023 08:42

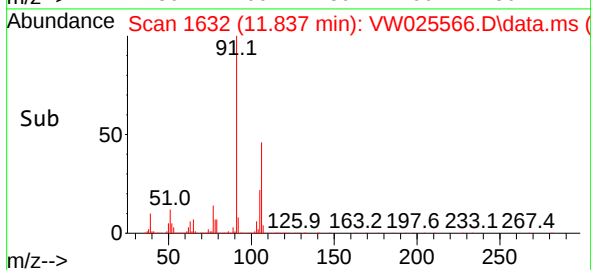
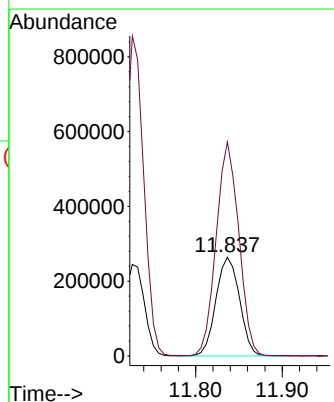
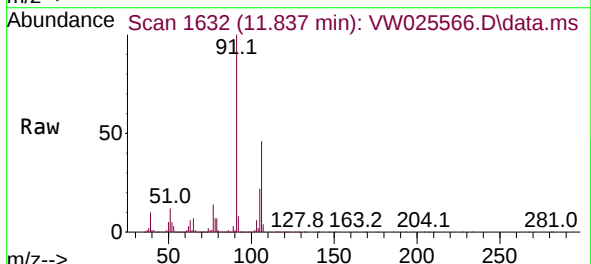
Instrument :
MSVOA_W
ClientSampleId :
VSTD025567

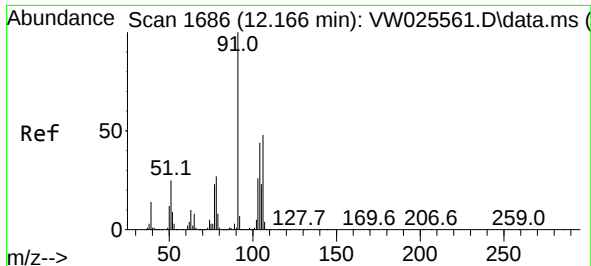
Tgt Ion: 91 Resp: 1354027
Ion Ratio Lower Upper
91 100
106 28.6 20.3 37.7



#53
m,p-Xylene
Concen: 26.432 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VW025566.D
Acq: 10 Apr 2023 08:42

Tgt Ion: 106 Resp: 499588
Ion Ratio Lower Upper
106 100
91 216.8 148.0 274.8

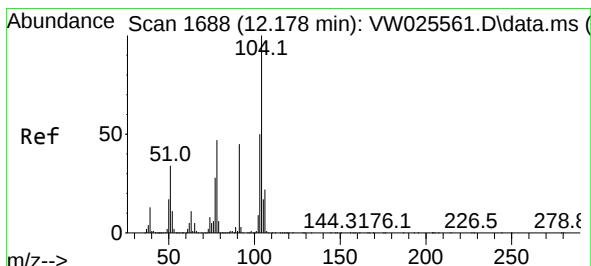
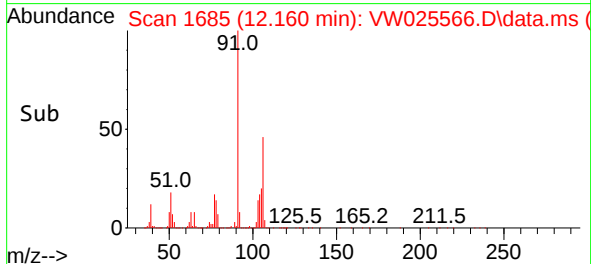
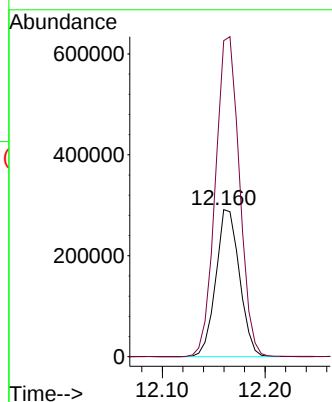
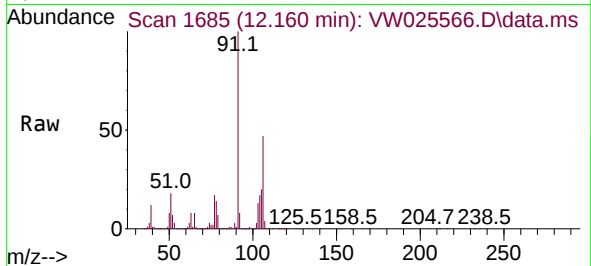




#54
o-Xylene
Concen: 26.380 ug/L
RT: 12.160 min Scan# 1686
Delta R.T. -0.006 min
Lab File: VW025566.D
Acq: 10 Apr 2023 08:42

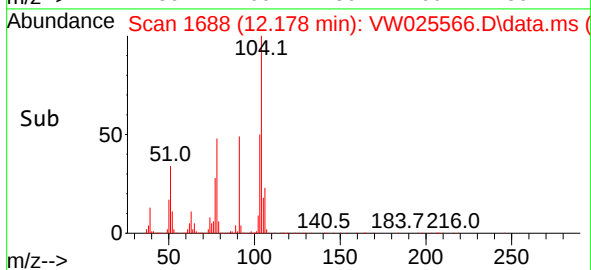
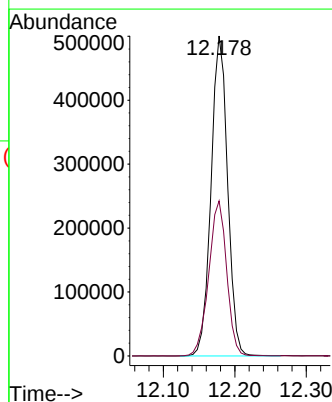
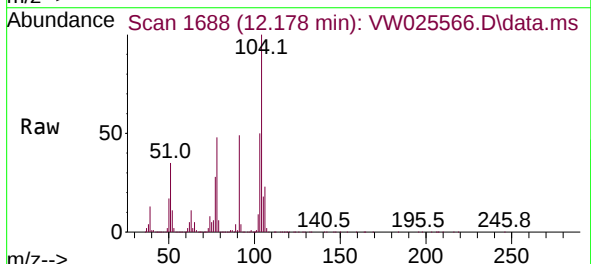
Instrument :
MSVOA_W
ClientSampleId :
VSTD025567

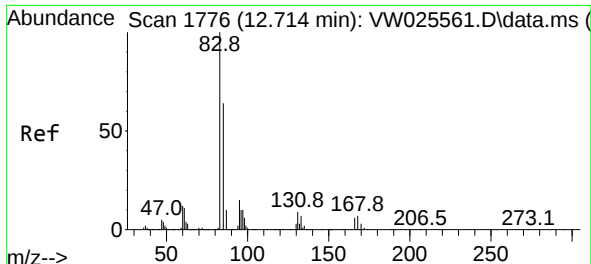
Tgt Ion:106 Resp: 466448
Ion Ratio Lower Upper
106 100
91 214.8 158.2 293.8



#55
Styrene
Concen: 26.993 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VW025566.D
Acq: 10 Apr 2023 08:42

Tgt Ion:104 Resp: 803358
Ion Ratio Lower Upper
104 100
78 48.5 33.3 61.9





#57

1,1,2,2-Tetrachloroethane

Concen: 23.608 ug/L

RT: 12.715 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW025566.D

Acq: 10 Apr 2023 08:42

Instrument :

MSVOA_W

ClientSampleId :

VSTD025567

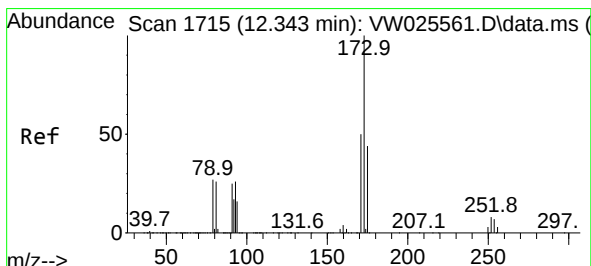
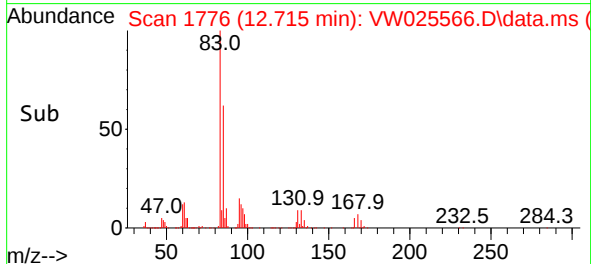
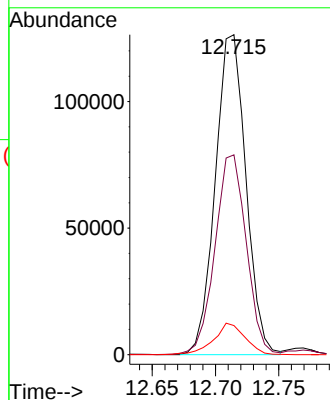
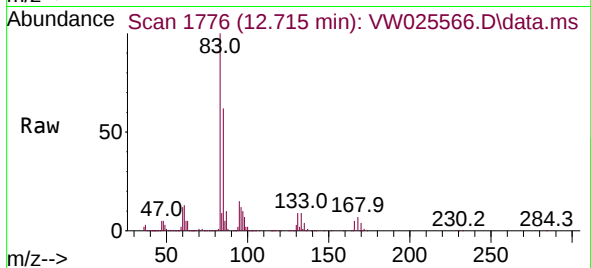
Tgt Ion: 83 Resp: 212985

Ion Ratio Lower Upper

83 100

85 62.4 43.5 80.7

131 9.1 7.0 10.4



#59

Bromoform

Concen: 23.761 ug/L

RT: 12.349 min Scan# 1716

Delta R.T. -0.000 min

Lab File: VW025566.D

Acq: 10 Apr 2023 08:42

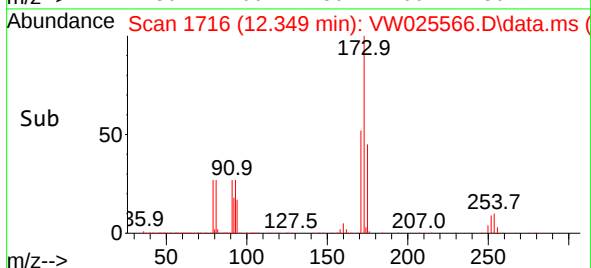
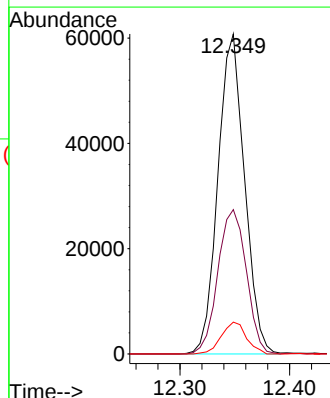
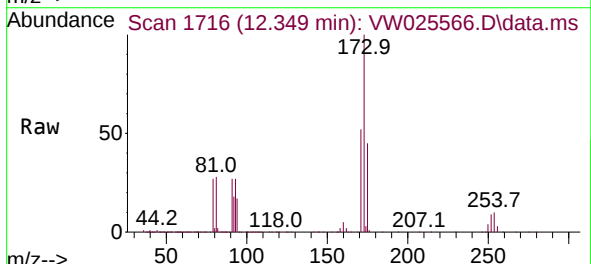
Tgt Ion:173 Resp: 102461

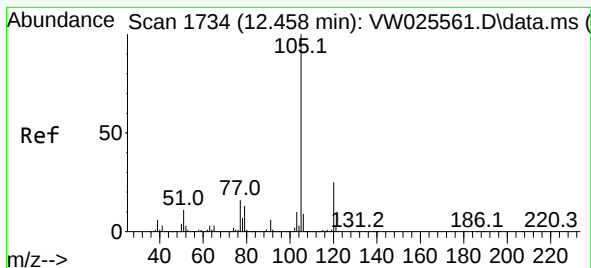
Ion Ratio Lower Upper

173 100

175 48.2 36.1 54.1

254 9.4 7.0 10.6

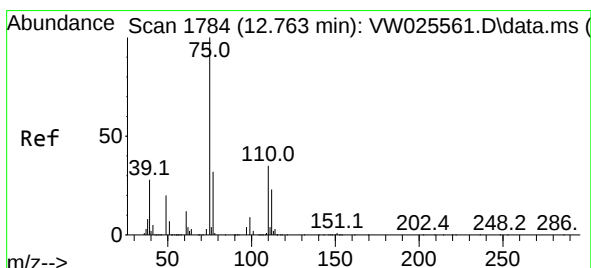
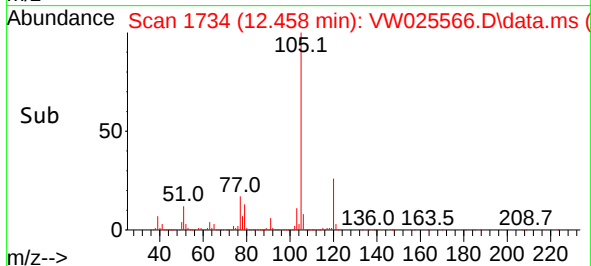
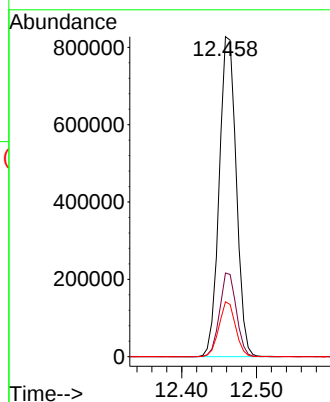
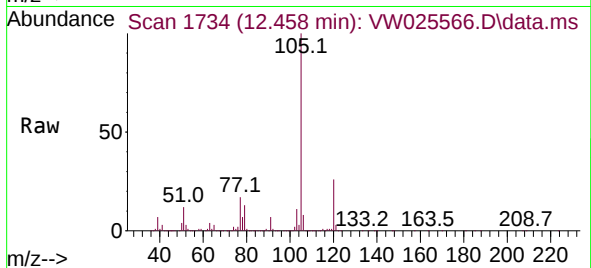




#60
Isopropylbenzene
Concen: 26.656 ug/L
RT: 12.458 min Scan# 1734
Delta R.T. -0.000 min
Lab File: VW025566.D
Acq: 10 Apr 2023 08:42

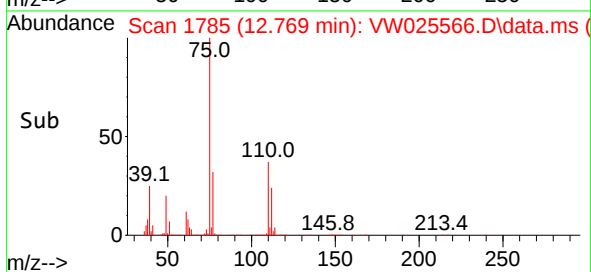
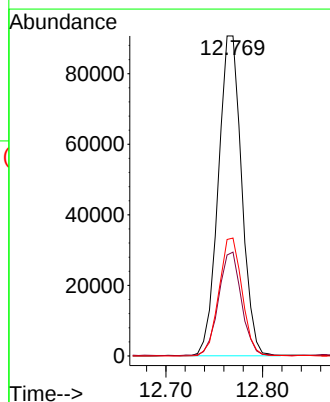
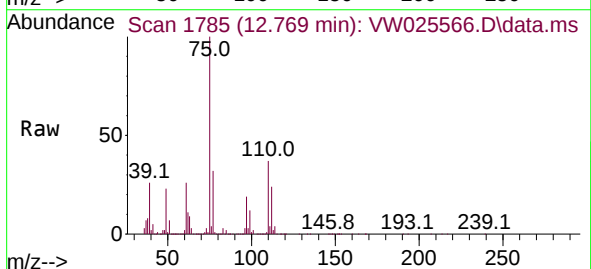
Instrument :
MSVOA_W
ClientSampleId :
VSTD025567

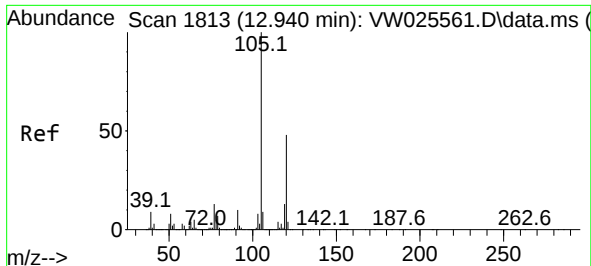
Tgt Ion:105 Resp: 1313989
Ion Ratio Lower Upper
105 100
120 25.7 20.1 30.1
77 16.7 13.2 19.8



#61
1,2,3-Trichloropropane
Concen: 23.280 ug/L
RT: 12.769 min Scan# 1785
Delta R.T. 0.006 min
Lab File: VW025566.D
Acq: 10 Apr 2023 08:42

Tgt Ion: 75 Resp: 151834
Ion Ratio Lower Upper
75 100
77 31.9 25.4 38.2
110 36.3 29.0 43.6

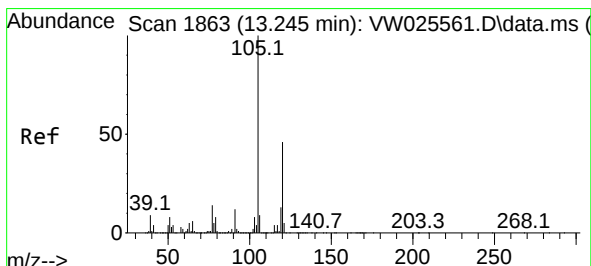
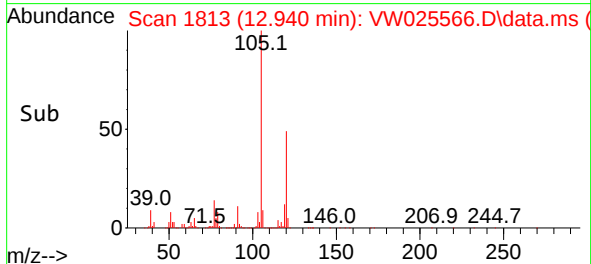
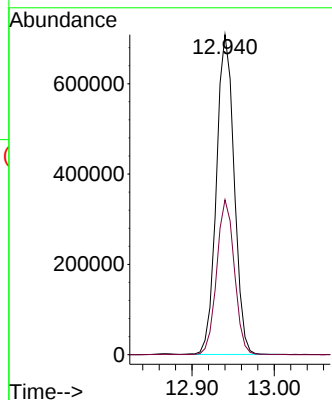
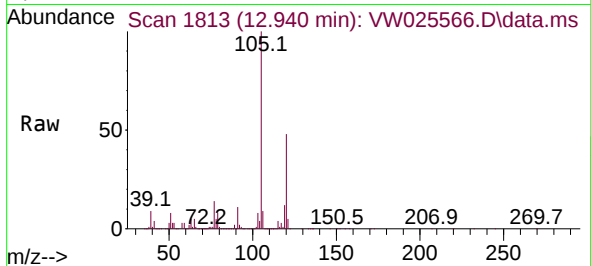




#62
 1,3,5-Trimethylbenzene
 Concen: 27.265 ug/L
 RT: 12.940 min Scan# 1813
 Delta R.T. -0.000 min
 Lab File: VW025566.D
 Acq: 10 Apr 2023 08:42

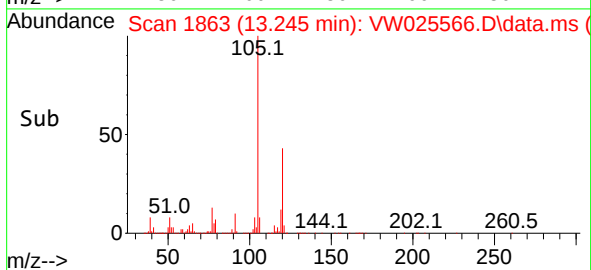
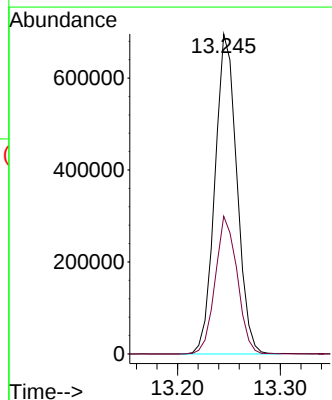
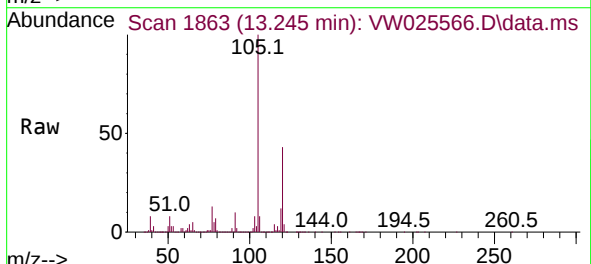
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025567

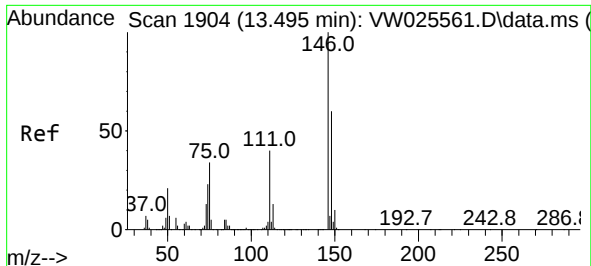
Tgt Ion:105 Resp: 1060953
 Ion Ratio Lower Upper
 105 100
 120 48.3 38.4 57.6



#63
 1,2,4-Trimethylbenzene
 Concen: 27.547 ug/L
 RT: 13.245 min Scan# 1863
 Delta R.T. -0.000 min
 Lab File: VW025566.D
 Acq: 10 Apr 2023 08:42

Tgt Ion:105 Resp: 1032175
 Ion Ratio Lower Upper
 105 100
 120 43.1 34.8 52.2

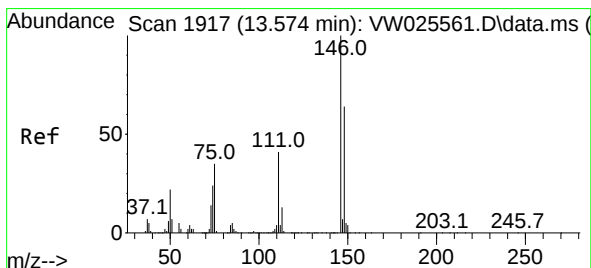
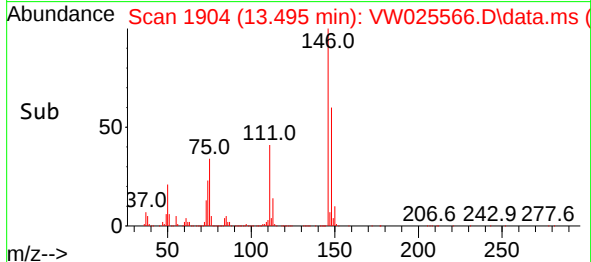
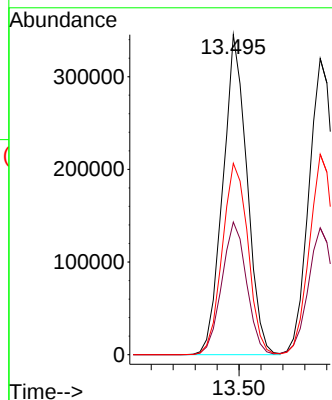
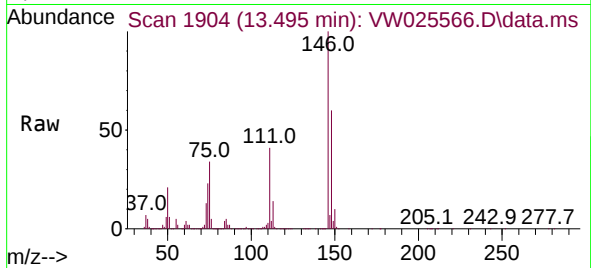




#64
1,3-Dichlorobenzene
Concen: 25.806 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VW025566.D
Acq: 10 Apr 2023 08:42

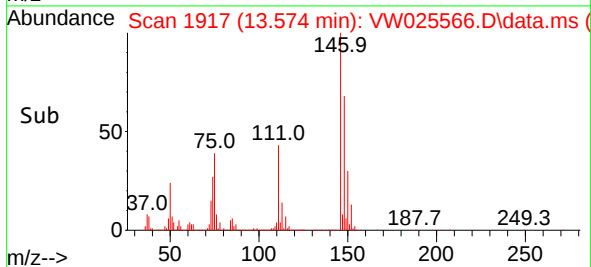
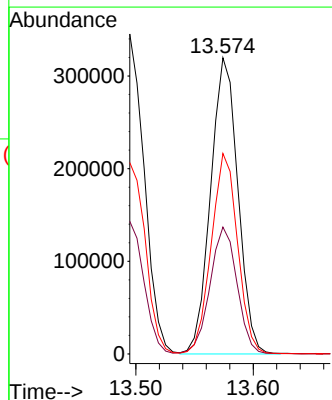
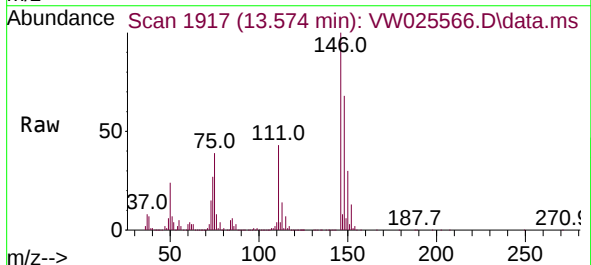
Instrument :
MSVOA_W
ClientSampleId :
VSTD025567

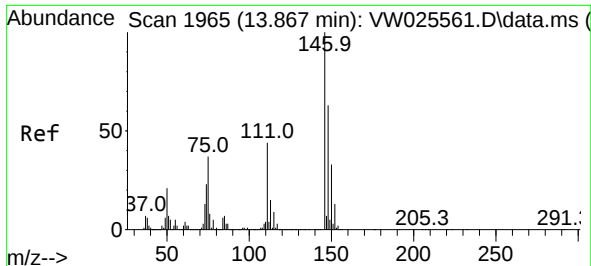
Tgt Ion:146 Resp: 527146
Ion Ratio Lower Upper
146 100
111 41.4 29.7 55.1
148 59.8 43.4 80.6



#65
1,4-Dichlorobenzene
Concen: 24.772 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. -0.000 min
Lab File: VW025566.D
Acq: 10 Apr 2023 08:42

Tgt Ion:146 Resp: 516786
Ion Ratio Lower Upper
146 100
111 42.9 30.4 56.5
148 67.7 48.6 90.3





#67

1,2-Dichlorobenzene

Concen: 25.699 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. -0.000 min

Lab File: VW025566.D

Acq: 10 Apr 2023 08:42

Instrument :

MSVOA_W

ClientSampleId :

VSTD025567

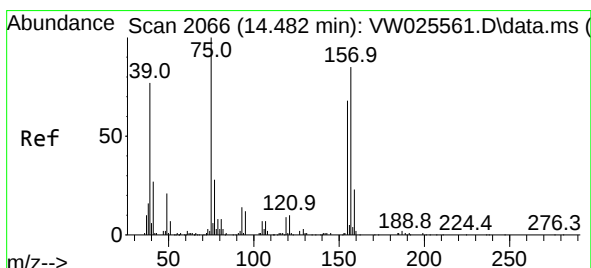
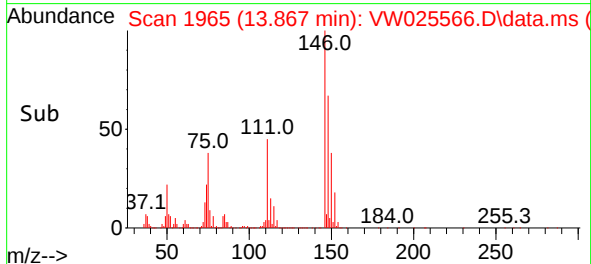
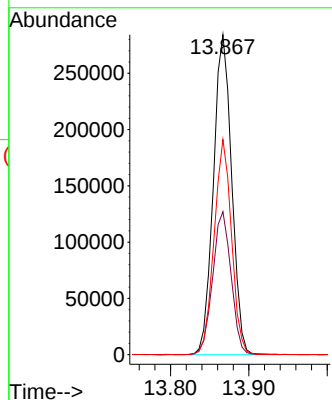
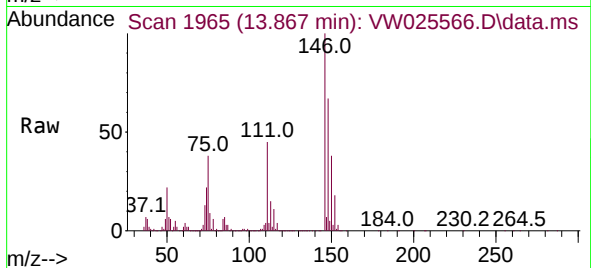
Tgt Ion:146 Resp: 460239

Ion Ratio Lower Upper

146 100

111 44.7 35.3 52.9

148 67.3 47.9 71.9



#68

1,2-Dibromo-3-chloropropane

Concen: 22.199 ug/L

RT: 14.476 min Scan# 2065

Delta R.T. -0.006 min

Lab File: VW025566.D

Acq: 10 Apr 2023 08:42

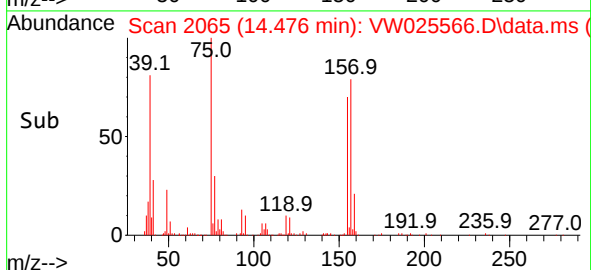
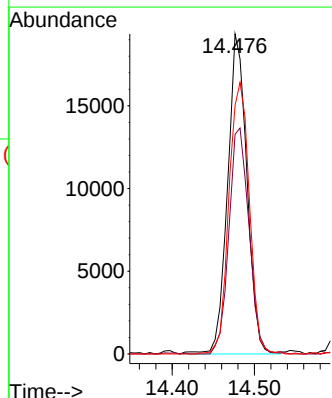
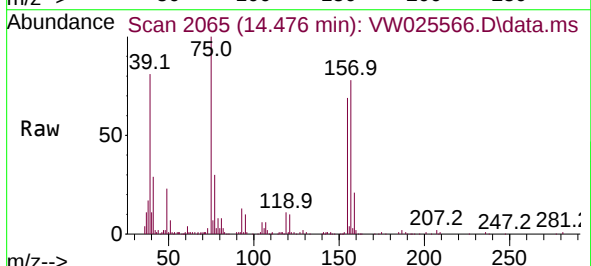
Tgt Ion: 75 Resp: 31761

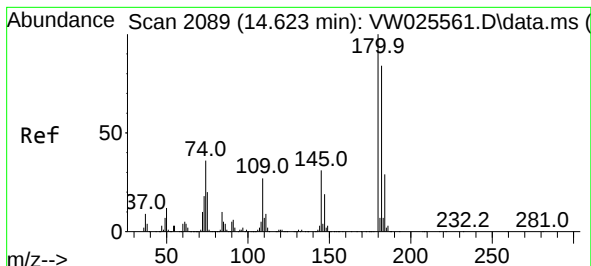
Ion Ratio Lower Upper

75 100

155 68.6 61.1 91.7

157 77.7 72.8 109.2





#69

1,3,5-Trichlorobenzene

Concen: 25.330 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. -0.000 min

Lab File: VW025566.D

Acq: 10 Apr 2023 08:42

Instrument :

MSVOA_W

ClientSampleId :

VSTD025567

Tgt Ion:180 Resp: 346432

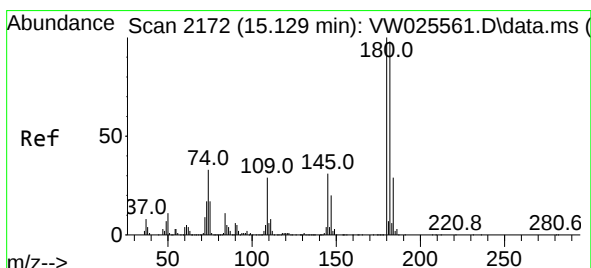
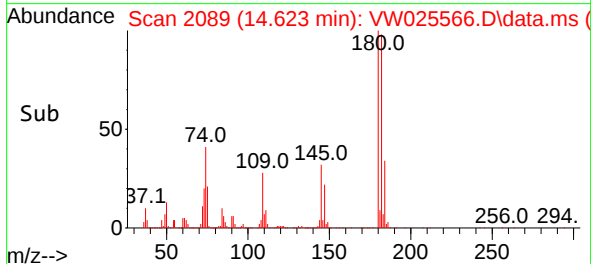
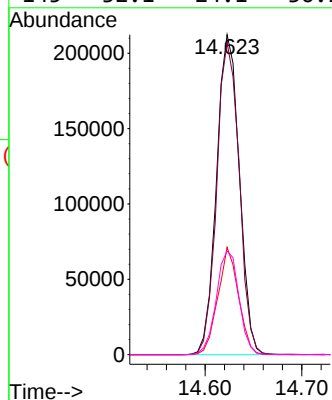
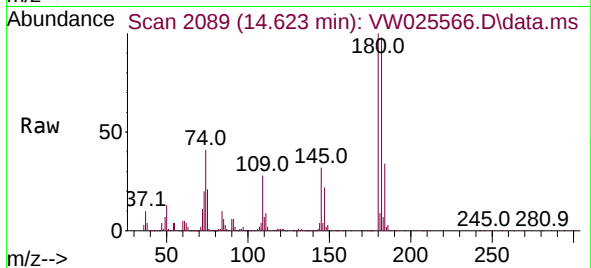
Ion Ratio Lower Upper

180 100

182 96.1 76.4 114.6

184 30.5 24.1 36.1

145 32.1 24.1 36.1



#70

1,2,4-trichlorobenzene

Concen: 25.189 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. -0.000 min

Lab File: VW025566.D

Acq: 10 Apr 2023 08:42

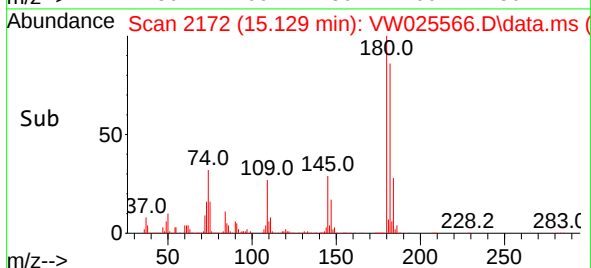
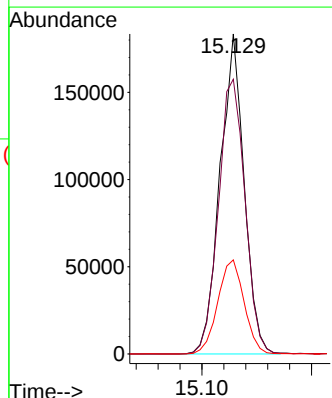
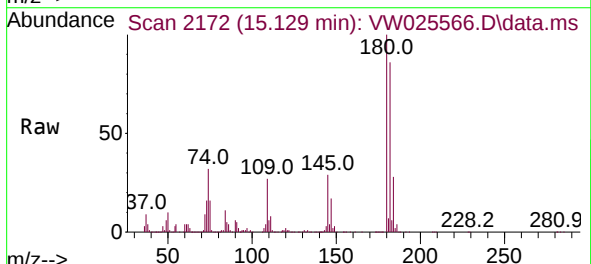
Tgt Ion:180 Resp: 279853

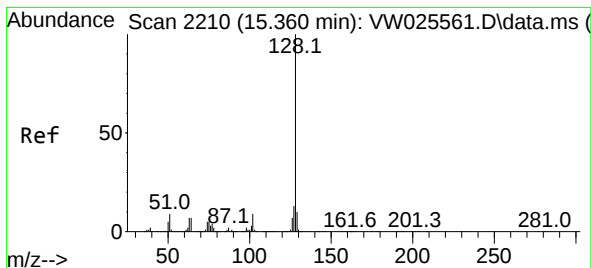
Ion Ratio Lower Upper

180 100

182 94.9 79.5 119.3

145 32.1 27.4 41.0





#71

Naphthalene

Concen: 24.617 ug/L

RT: 15.360 min Scan# 21

Delta R.T. -0.000 min

Lab File: VW025566.D

Acq: 10 Apr 2023 08:42

Instrument :

MSVOA_W

ClientSampleId :

VSTD025567

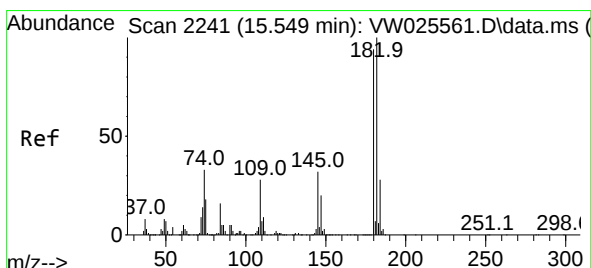
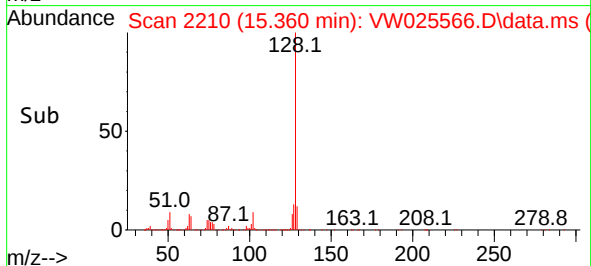
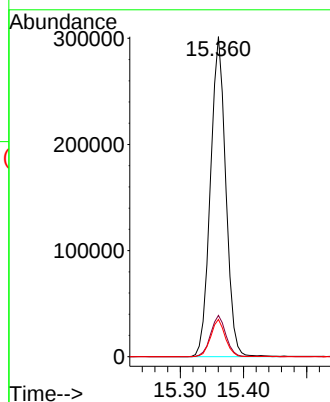
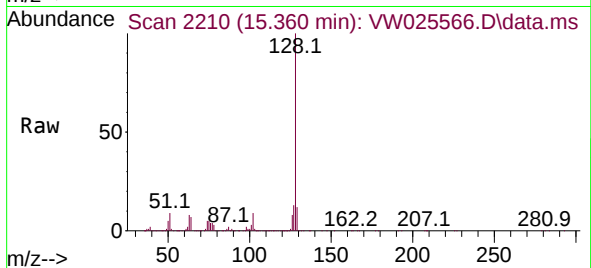
Tgt Ion:128 Resp: 510328

Ion Ratio Lower Upper

128 100

127 12.8 10.4 15.6

129 11.1 8.7 13.1



#72

1,2,3-Trichlorobenzene

Concen: 25.469 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. -0.000 min

Lab File: VW025566.D

Acq: 10 Apr 2023 08:42

Tgt Ion:180 Resp: 247395

Ion Ratio Lower Upper

180 100

182 94.0 72.9 109.3

145 32.7 27.0 40.6

