

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040323\
 Data File : VW025546.D
 Acq On : 03 Apr 2023 09:42
 Operator : SY/MD
 Sample : VSTD005438
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD005438

Quant Time: Apr 04 02:50:29 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040323SMA.M
 Quant Title : SFAM01.0
 QLast Update : Mon Apr 03 11:21:06 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	750358	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	667911	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	324826	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	64639	5.290	ug/L	0.00
7) Chloroethane-d5	2.893	69	45122	5.227	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.027	63	124854	5.056	ug/L	0.00
21) 2-Butanone-d5	7.087	46	24463	8.947	ug/L	0.00
24) Chloroform-d	7.648	84	106328	5.047	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.307	65	55444	5.058	ug/L	0.00
32) Benzene-d6	8.276	84	218098	5.043	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.276	67	67799	5.028	ug/L	0.00
41) Toluene-d8	10.325	98	187233	4.955	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.581	79	23872	4.722	ug/L	0.00
47) 2-Hexanone-d5	10.922	63	14649	7.948	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.690	84	44879	4.931	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.848	152	56678	5.079	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.015	85	39496	4.351	ug/L	95
3) Chloromethane	2.222	50	51374	4.220	ug/L	95
5) Vinyl chloride	2.375	62	63326	4.706	ug/L	94
6) Bromomethane	2.789	94	34296	4.737	ug/L	98
8) Chloroethane	2.930	64	36674	4.866	ug/L	97
9) Trichlorofluoromethane	3.271	101	47167	4.549	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	52707	5.066	ug/L #	76
12) 1,1-Dichloroethene	4.051	96	49668	4.784	ug/L	87
13) Acetone	4.124	43	20799	8.989	ug/L	93
14) Carbon disulfide	4.393	76	177186	4.822	ug/L	99
15) Methyl Acetate	4.673	43	22894	4.420	ug/L	96
16) Methylene chloride	4.923	84	62520	5.242	ug/L	99
17) trans-1,2-Dichloroethene	5.429	96	52787	4.768	ug/L	100
18) Methyl tert-butyl Ether	5.429	73	72702	4.759	ug/L #	77
19) 1,1-Dichloroethane	6.216	63	107774	4.872	ug/L	97
20) cis-1,2-Dichloroethene	7.173	96	54250	4.709	ug/L #	90
22) 2-Butanone	7.173	43	28037	8.555	ug/L	94
23) Bromochloromethane	7.520	128	23198	4.910	ug/L	93
25) Chloroform	7.679	83	100438	4.965	ug/L	99
27) 1,2-Dichloroethane	8.398	62	67352	4.962	ug/L	99
29) Cyclohexane	7.953	56	99753	4.614	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	81361	4.903	ug/L	99
31) Carbon tetrachloride	8.075	117	73508	4.905	ug/L	100
33) Benzene	8.325	78	228481	4.915	ug/L	100
34) Trichloroethene	9.093	95	59574	4.927	ug/L	97
35) Methylcyclohexane	9.337	83	103220	4.727	ug/L	98
37) 1,2-Dichloropropane	9.367	63	60405	4.920	ug/L	100
38) Bromodichloromethane	9.648	83	68390	4.868	ug/L	96
39) cis-1,3-Dichloropropene	10.075	75	79270	4.501	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	61121	8.795	ug/L	99
42) Toluene	10.386	91	229350	4.845	ug/L	98
44) trans-1,3-Dichloropropene	10.605	75	64863	4.466	ug/L	98

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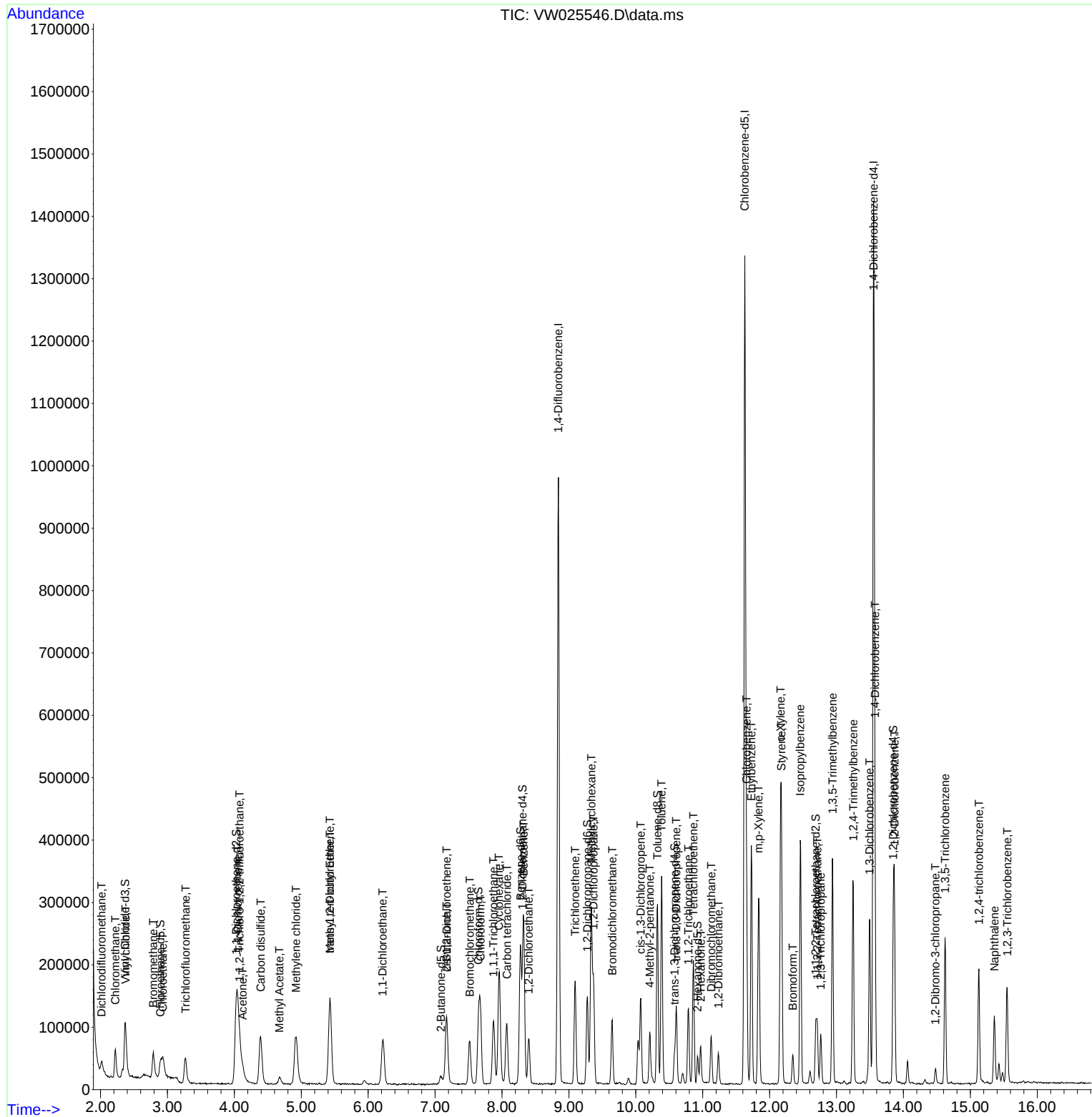
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.788	97	38345	4.898	ug/L	95
46) Tetrachloroethene	10.861	164	42168	4.958	ug/L	86
48) 2-Hexanone	10.971	43	39732	8.275	ug/L	96
49) Dibromochloromethane	11.129	129	39484	4.790	ug/L	99
50) 1,2-Dibromoethane	11.233	107	33804	4.700	ug/L	87
51) Chlorobenzene	11.654	112	144106	4.940	ug/L	100
52) Ethylbenzene	11.727	91	259334	4.841	ug/L	97
53) m,p-Xylene	11.836	106	94010	4.785	ug/L	98
54) o-Xylene	12.166	106	88027	4.790	ug/L	92
55) Styrene	12.178	104	143669	4.644	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.714	83	44828	4.781	ug/L	99
59) Bromoform	12.349	173	20706	4.652	ug/L	99
60) Isopropylbenzene	12.458	105	242766	4.771	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	33162	4.926	ug/L	100
62) 1,3,5-Trimethylbenzene	12.940	105	183828	4.577	ug/L	100
63) 1,2,4-Trimethylbenzene	13.251	105	175945	4.549	ug/L	97
64) 1,3-Dichlorobenzene	13.495	146	104235	4.943	ug/L	97
65) 1,4-Dichlorobenzene	13.574	146	106238	4.933	ug/L	97
67) 1,2-Dichlorobenzene	13.867	146	89391	4.836	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.476	75	6418	4.346	ug/L #	81
69) 1,3,5-Trichlorobenzene	14.623	180	66641	4.720	ug/L	98
70) 1,2,4-trichlorobenzene	15.129	180	53297	4.647	ug/L	98
71) Naphthalene	15.360	128	90615	4.235	ug/L	100
72) 1,2,3-Trichlorobenzene	15.555	180	46808	4.668	ug/L	93

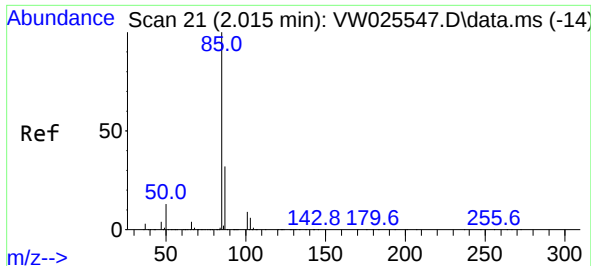
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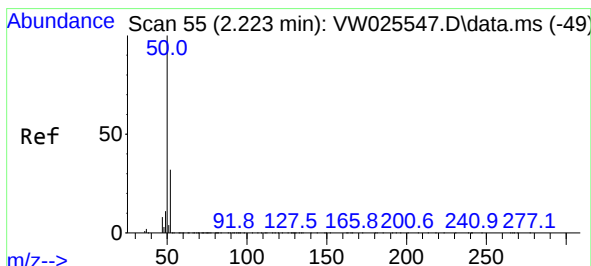
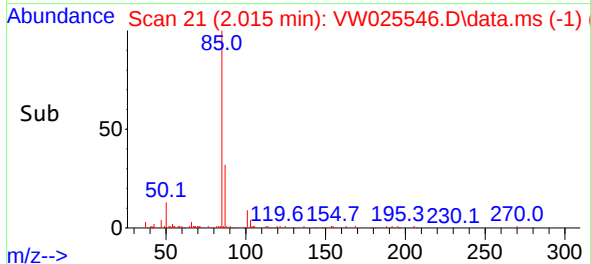
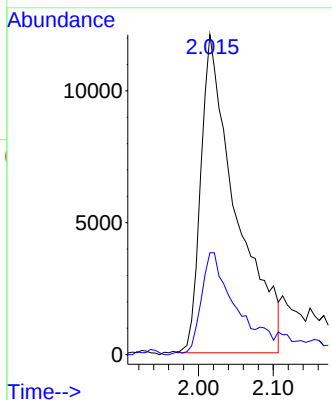
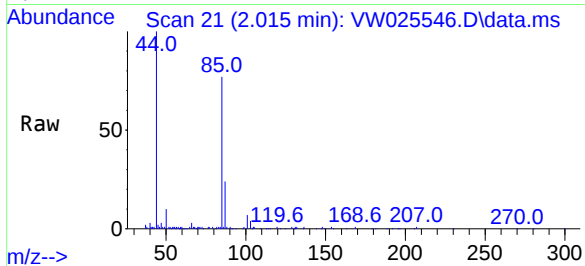




#2
Dichlorodifluoromethane
Concen: 4.351 ug/L
RT: 2.015 min Scan# 21
Delta R.T. -0.000 min
Lab File: VW025546.D
Acq: 03 Apr 2023 09:42

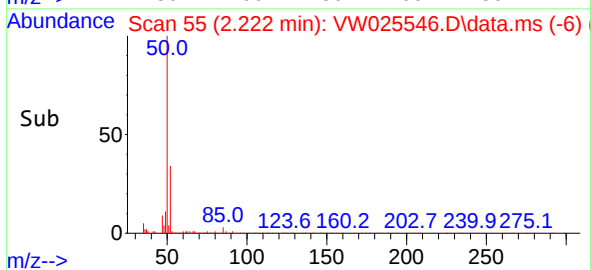
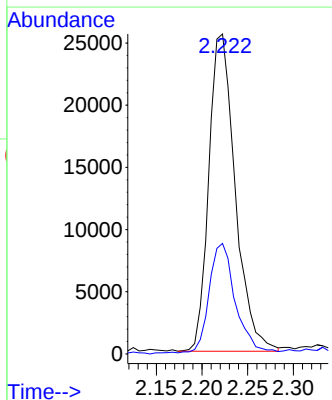
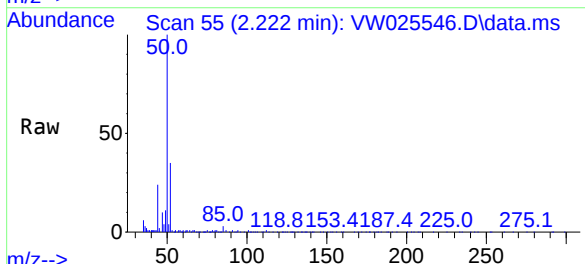
Instrument :
MSVOA_W
ClientSampleId :
VSTD005438

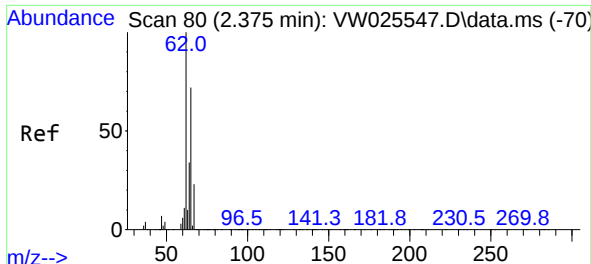
Tgt Ion: 85 Resp: 39496
Ion Ratio Lower Upper
85 100
87 27.9 24.6 37.0



#3
Chloromethane
Concen: 4.220 ug/L
RT: 2.222 min Scan# 55
Delta R.T. -0.000 min
Lab File: VW025546.D
Acq: 03 Apr 2023 09:42

Tgt Ion: 50 Resp: 51374
Ion Ratio Lower Upper
50 100
52 34.5 22.2 41.2

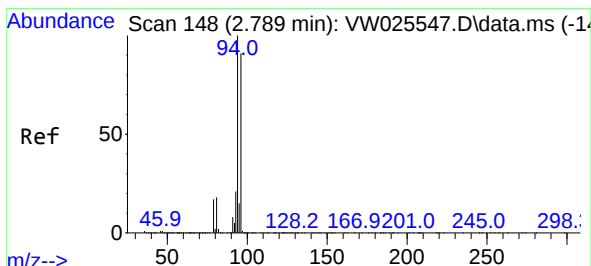
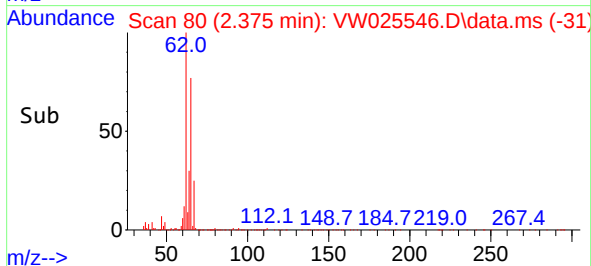
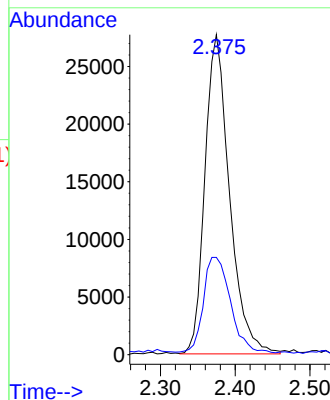
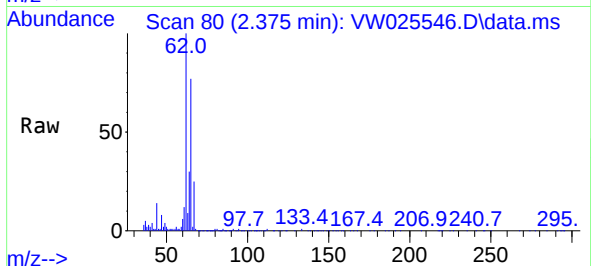




#5
Vinyl chloride
Concen: 4.706 ug/L
RT: 2.375 min Scan# 80
Delta R.T. -0.000 min
Lab File: VW025546.D
Acq: 03 Apr 2023 09:42

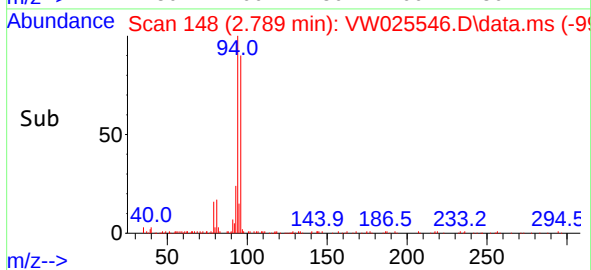
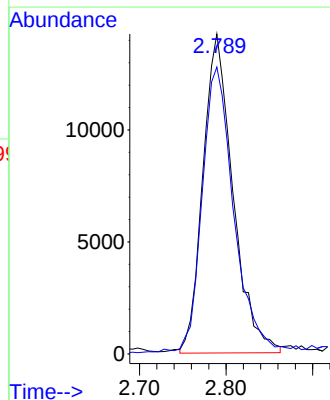
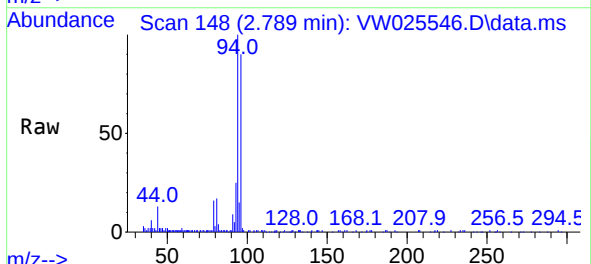
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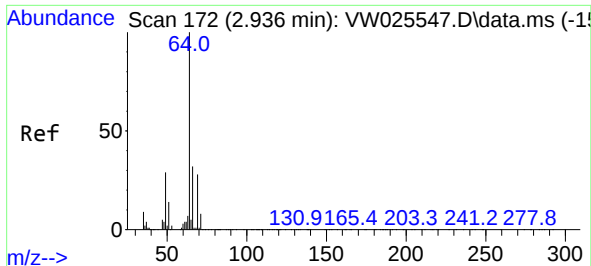
Tgt Ion: 62 Resp: 63326
Ion Ratio Lower Upper
62 100
64 30.4 23.9 44.3



#6
Bromomethane
Concen: 4.737 ug/L
RT: 2.789 min Scan# 148
Delta R.T. -0.000 min
Lab File: VW025546.D
Acq: 03 Apr 2023 09:42

Tgt Ion: 94 Resp: 34296
Ion Ratio Lower Upper
94 100
96 89.7 64.0 118.8

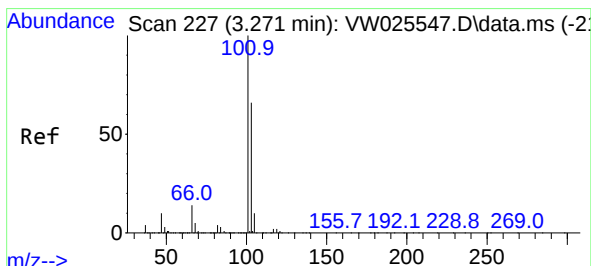
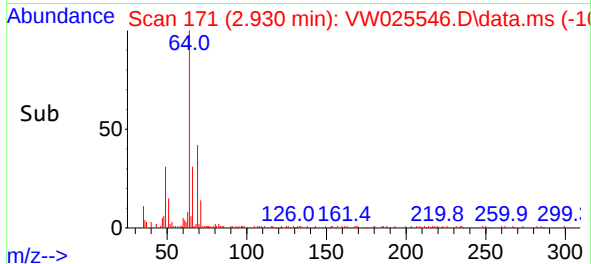
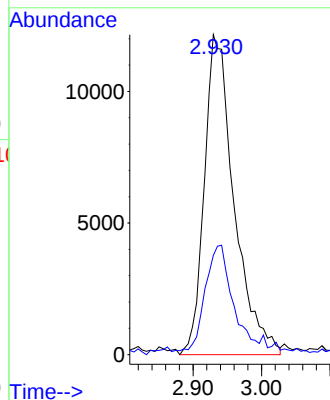
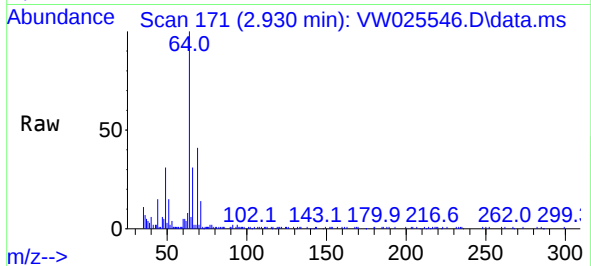




#8
Chloroethane
Concen: 4.866 ug/L
RT: 2.930 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW025546.D
Acq: 03 Apr 2023 09:42

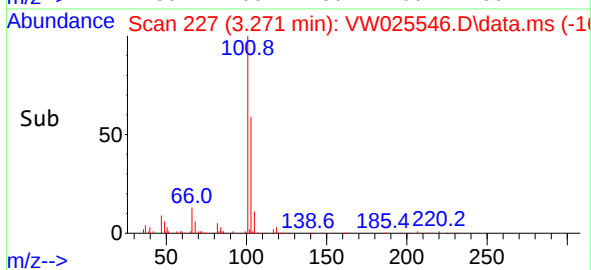
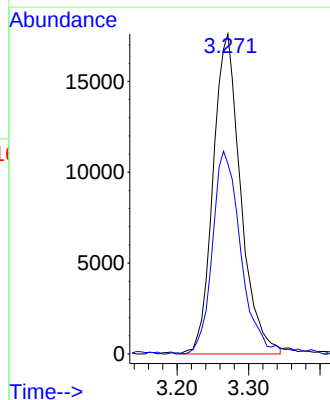
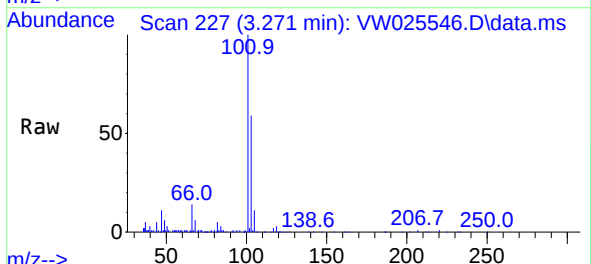
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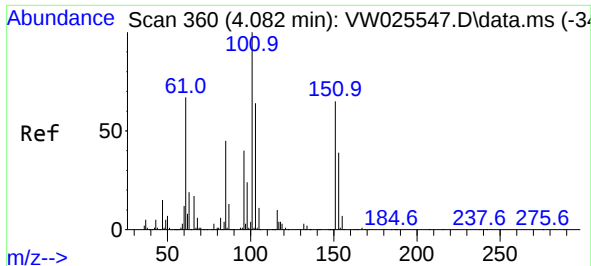
Tgt Ion: 64 Resp: 36674
Ion Ratio Lower Upper
64 100
66 31.0 22.9 42.5



#9
Trichlorofluoromethane
Concen: 4.549 ug/L
RT: 3.271 min Scan# 227
Delta R.T. -0.000 min
Lab File: VW025546.D
Acq: 03 Apr 2023 09:42

Tgt Ion: 101 Resp: 47167
Ion Ratio Lower Upper
101 100
103 64.2 52.3 78.5

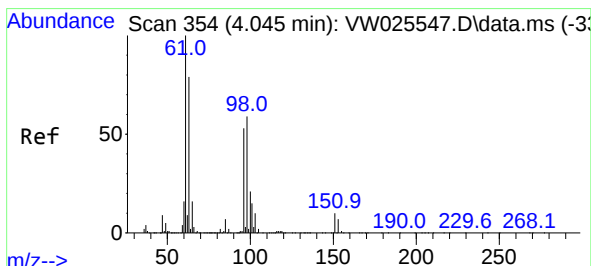
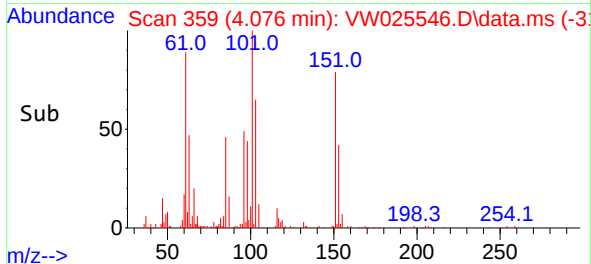
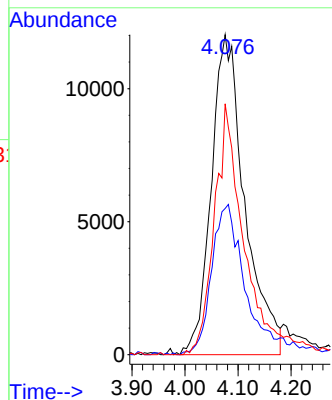
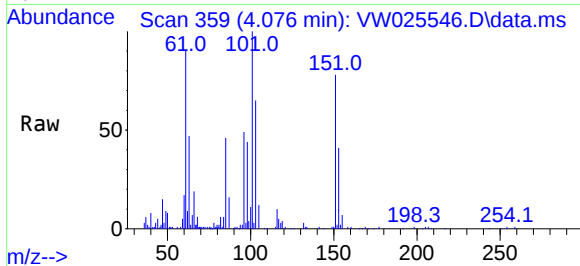




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.066 ug/L
 RT: 4.076 min Scan# 310
 Delta R.T. -0.006 min
 Lab File: VW025546.D
 Acq: 03 Apr 2023 09:42

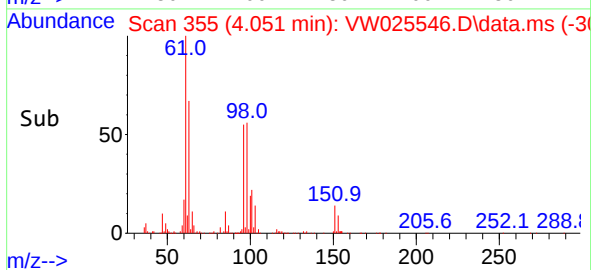
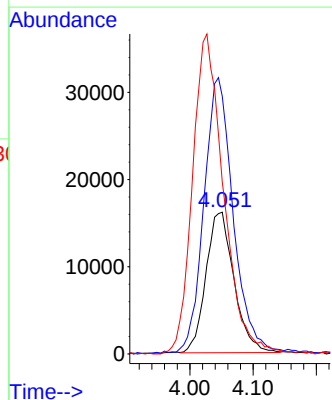
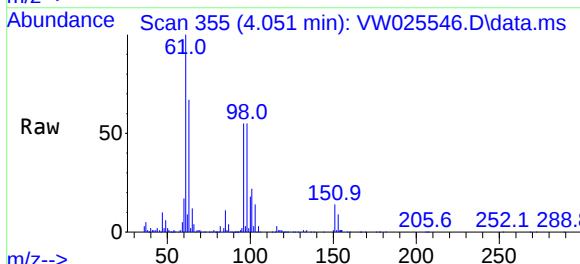
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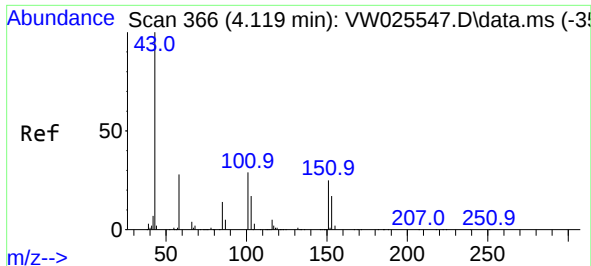
Tgt Ion:101 Resp: 52707
 Ion Ratio Lower Upper
 101 100
 85 45.8 34.5 51.7
 151 39.3 54.8 82.2#



#12
 1,1-Dichloroethene
 Concen: 4.784 ug/L
 RT: 4.051 min Scan# 355
 Delta R.T. 0.006 min
 Lab File: VW025546.D
 Acq: 03 Apr 2023 09:42

Tgt Ion: 96 Resp: 49668
 Ion Ratio Lower Upper
 96 100
 61 181.7 132.7 246.4
 63 121.2 105.0 195.0

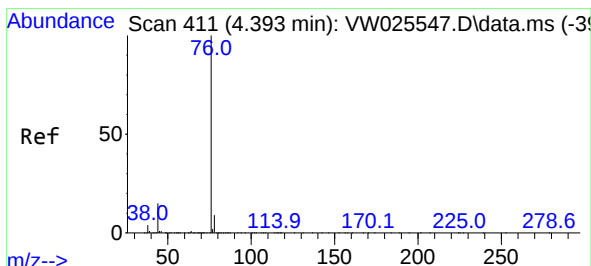
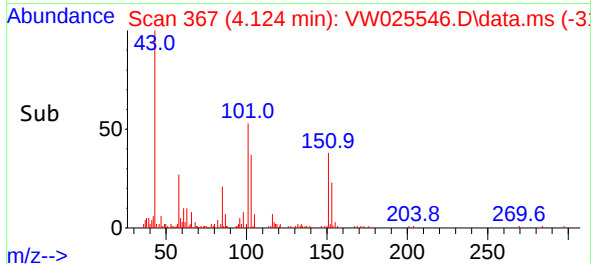
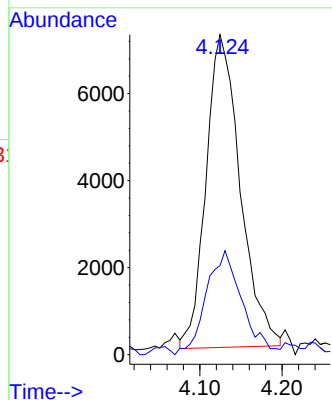
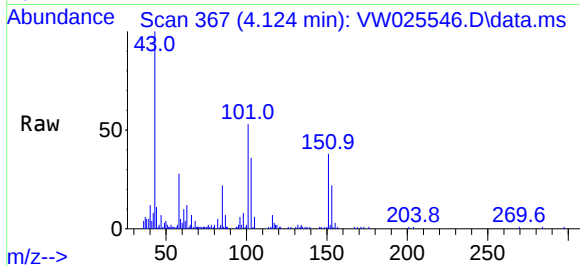




#13
Acetone
Concen: 8.989 ug/L
RT: 4.124 min Scan# 367
Delta R.T. 0.006 min
Lab File: VW025546.D
Acq: 03 Apr 2023 09:42

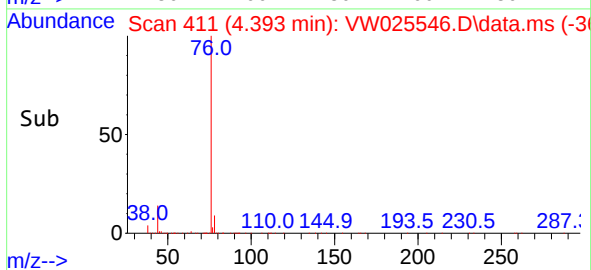
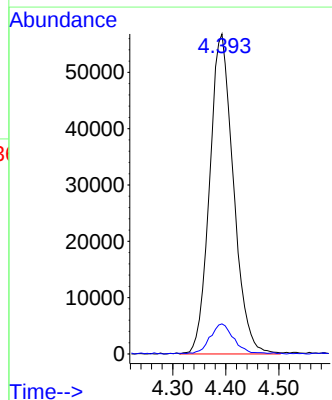
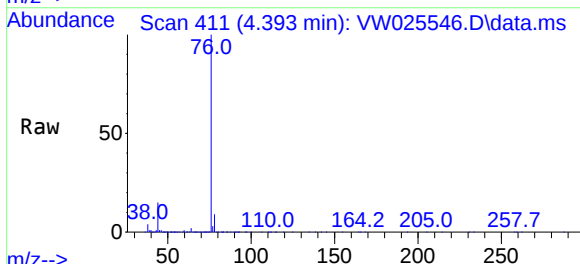
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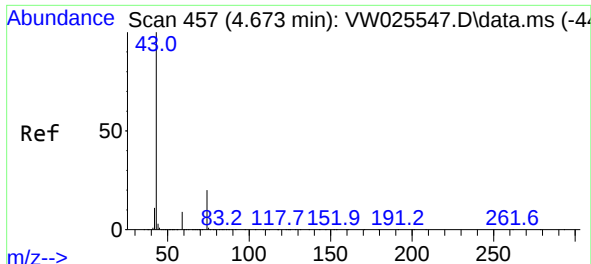
Tgt Ion: 43 Resp: 20799
Ion Ratio Lower Upper
43 100
58 32.6 0.0 57.4



#14
Carbon disulfide
Concen: 4.822 ug/L
RT: 4.393 min Scan# 411
Delta R.T. -0.000 min
Lab File: VW025546.D
Acq: 03 Apr 2023 09:42

Tgt Ion: 76 Resp: 177186
Ion Ratio Lower Upper
76 100
78 9.4 7.1 10.7

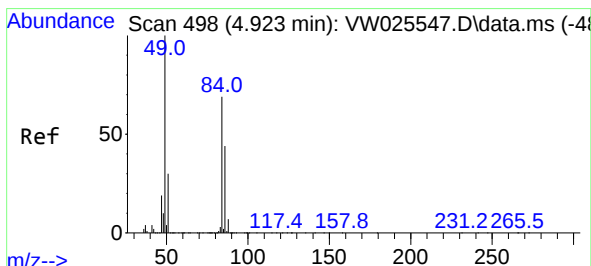
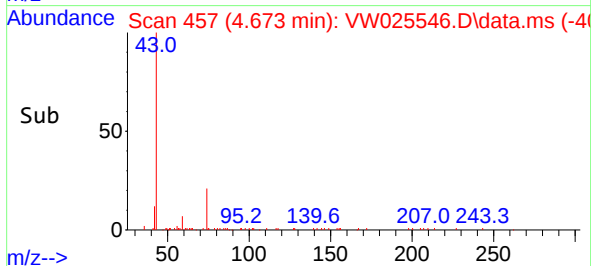
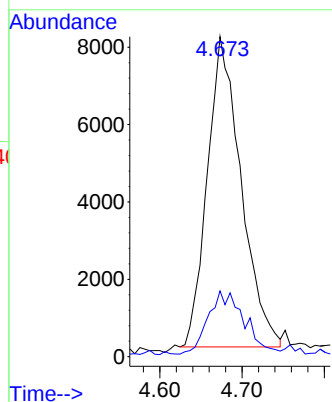
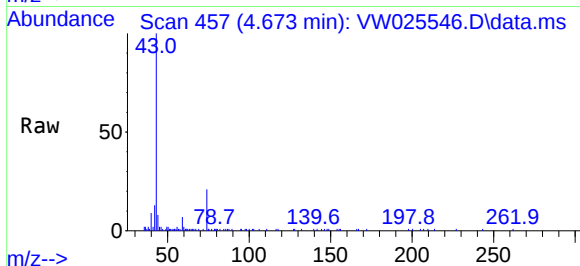




#15
Methyl Acetate
Concen: 4.420 ug/L
RT: 4.673 min Scan# 41
Delta R.T. -0.000 min
Lab File: VW025546.D
Acq: 03 Apr 2023 09:42

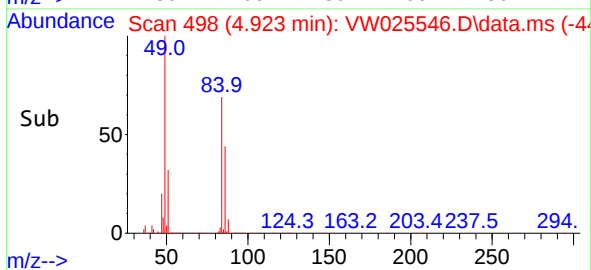
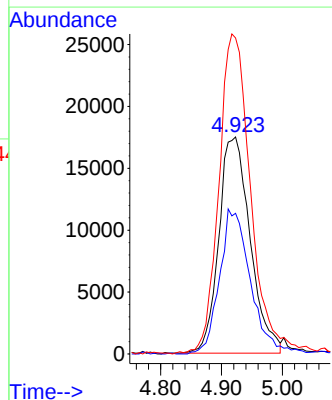
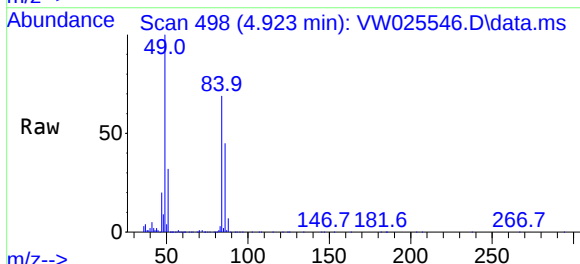
Instrument :
MSVOA_W
ClientSampleId :
VSTD005438

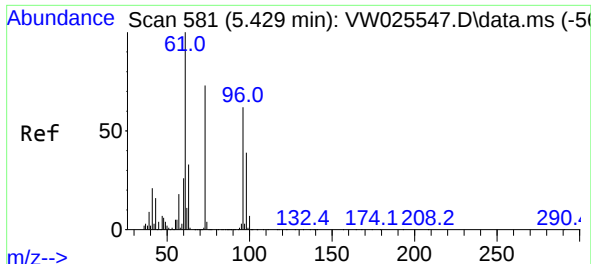
Tgt Ion: 43 Resp: 22894
Ion Ratio Lower Upper
43 100
74 22.9 17.0 25.4



#16
Methylene chloride
Concen: 5.242 ug/L
RT: 4.923 min Scan# 498
Delta R.T. -0.000 min
Lab File: VW025546.D
Acq: 03 Apr 2023 09:42

Tgt Ion: 84 Resp: 62520
Ion Ratio Lower Upper
84 100
86 64.8 44.9 83.3
49 145.6 101.4 188.4

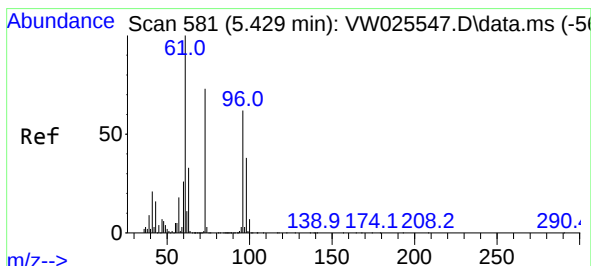
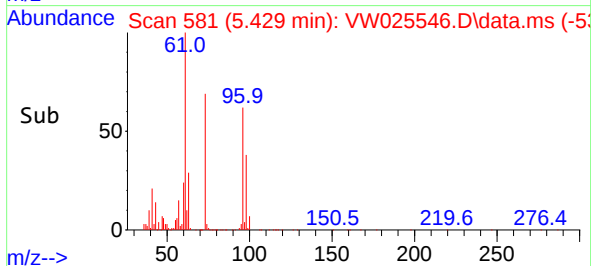
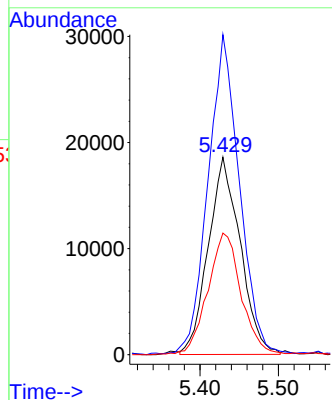
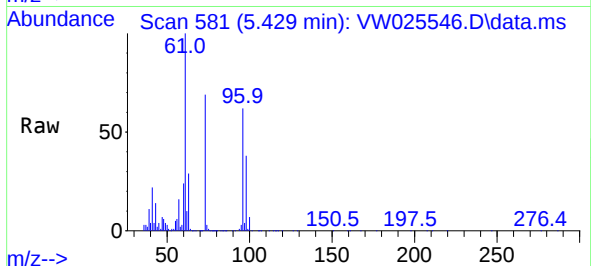




#17
trans-1,2-Dichloroethene
Concen: 4.768 ug/L
RT: 5.429 min Scan# 581
Delta R.T. -0.000 min
Lab File: VW025546.D
Acq: 03 Apr 2023 09:42

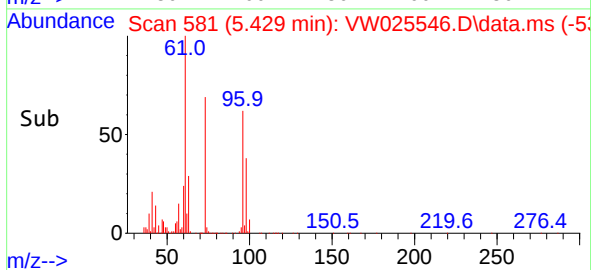
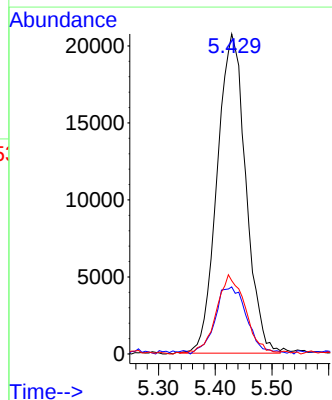
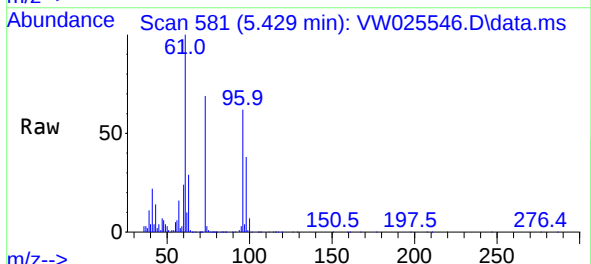
Instrument : MSVOA_W
ClientSampleId : VSTD005438

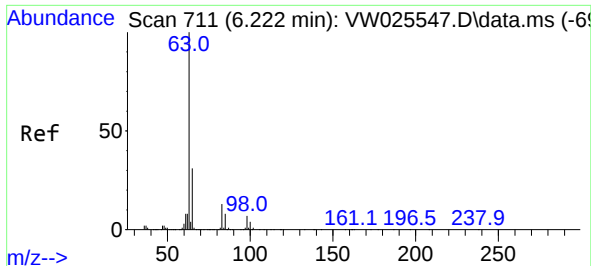
Tgt Ion: 96 Resp: 52787
Ion Ratio Lower Upper
96 100
61 162.1 113.3 210.3
98 61.6 43.6 81.0



#18
Methyl tert-butyl Ether
Concen: 4.759 ug/L
RT: 5.429 min Scan# 581
Delta R.T. -0.000 min
Lab File: VW025546.D
Acq: 03 Apr 2023 09:42

Tgt Ion: 73 Resp: 72702
Ion Ratio Lower Upper
73 100
43 0.0 17.8 26.6#
57 24.7 19.0 28.6





#19

1,1-Dichloroethane

Concen: 4.872 ug/L

RT: 6.216 min Scan# 711

Delta R.T. -0.006 min

Lab File: VW025546.D

Acq: 03 Apr 2023 09:42

Instrument :

MSVOA_W

ClientSampleId :

VSTD005438

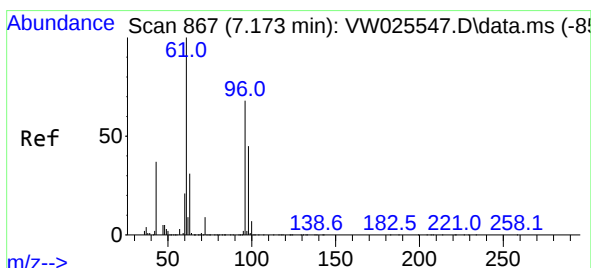
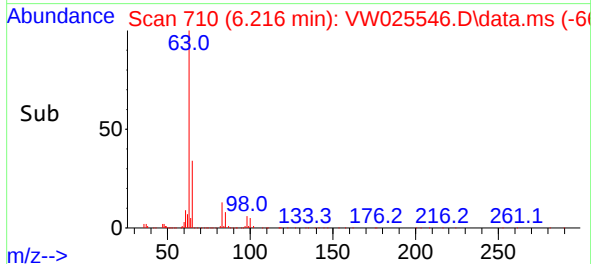
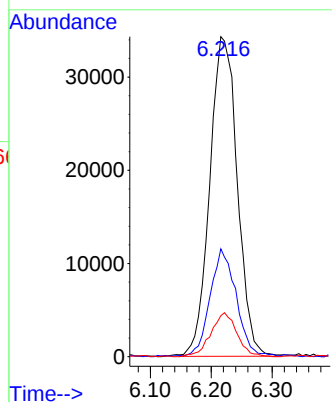
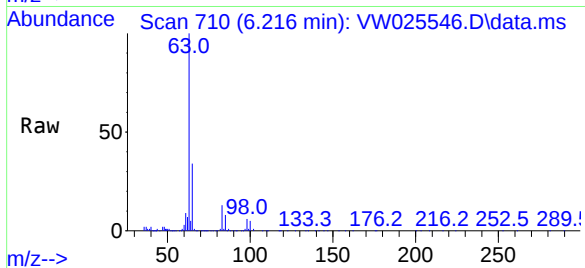
Tgt Ion: 63 Resp: 107774

Ion Ratio Lower Upper

63 100

65 33.7 21.9 40.7

83 12.8 9.0 16.8



#20

cis-1,2-Dichloroethene

Concen: 4.709 ug/L

RT: 7.173 min Scan# 867

Delta R.T. -0.000 min

Lab File: VW025546.D

Acq: 03 Apr 2023 09:42

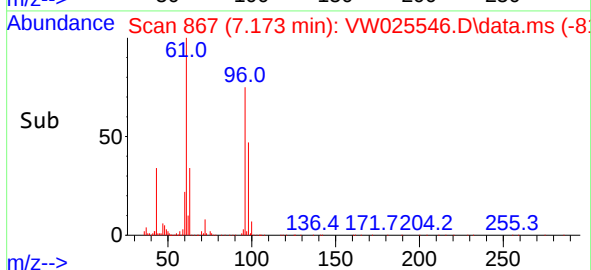
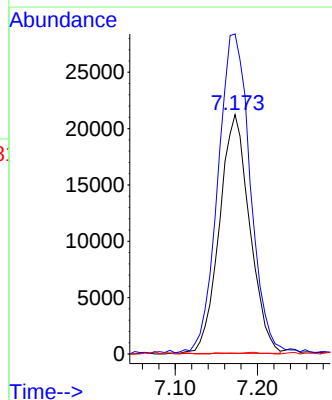
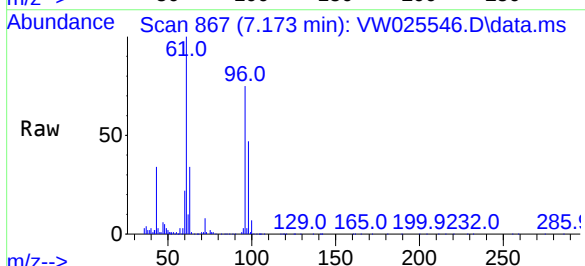
Tgt Ion: 96 Resp: 54250

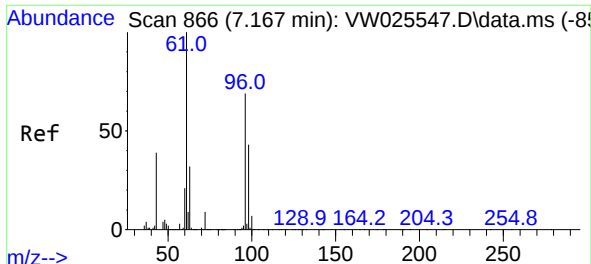
Ion Ratio Lower Upper

96 100

61 133.7 102.6 190.6

68 0.3 0.1 0.1#

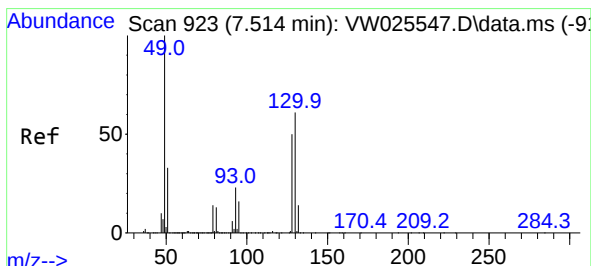
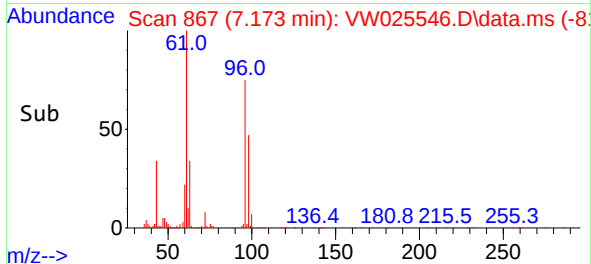
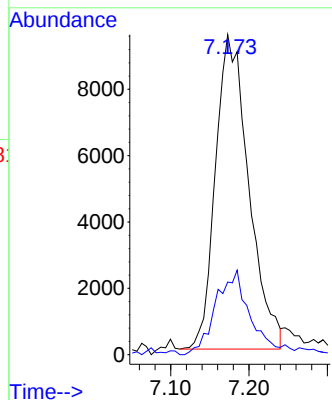
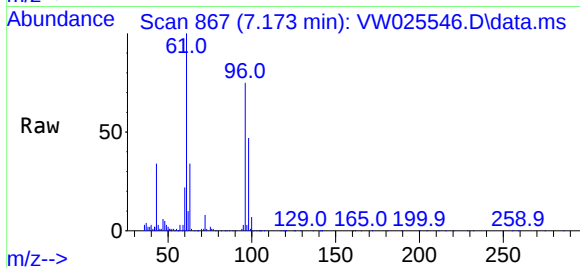




#22
2-Butanone
Concen: 8.555 ug/L
RT: 7.173 min Scan# 867
Delta R.T. 0.006 min
Lab File: VW025546.D
Acq: 03 Apr 2023 09:42

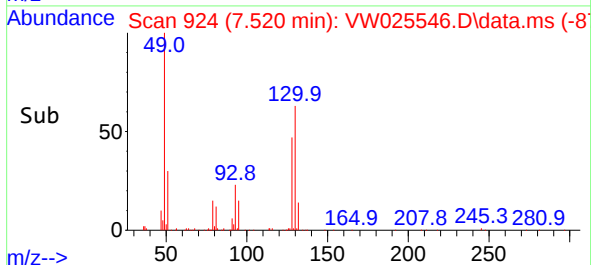
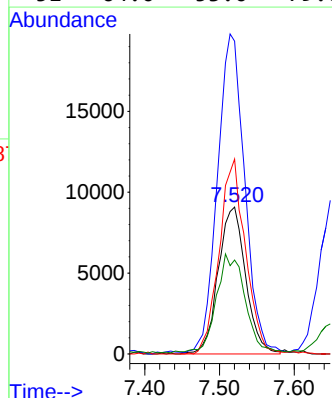
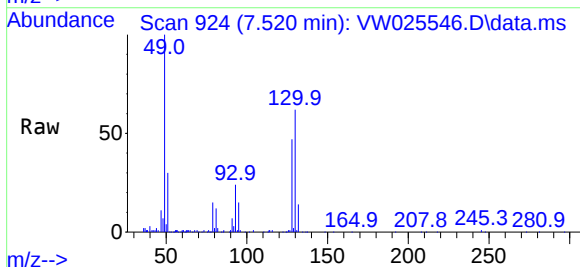
Instrument :
MSVOA_W
ClientSampleId :
VSTD005438

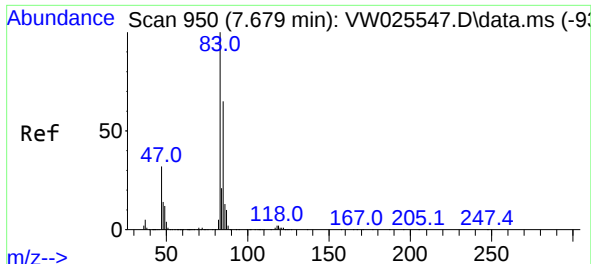
Tgt Ion: 43 Resp: 28037
Ion Ratio Lower Upper
43 100
72 27.1 12.0 36.0



#23
Bromochloromethane
Concen: 4.910 ug/L
RT: 7.520 min Scan# 924
Delta R.T. 0.006 min
Lab File: VW025546.D
Acq: 03 Apr 2023 09:42

Tgt Ion: 128 Resp: 23198
Ion Ratio Lower Upper
128 100
49 213.1 141.7 263.3
130 132.7 86.7 160.9
51 64.0 53.0 79.6

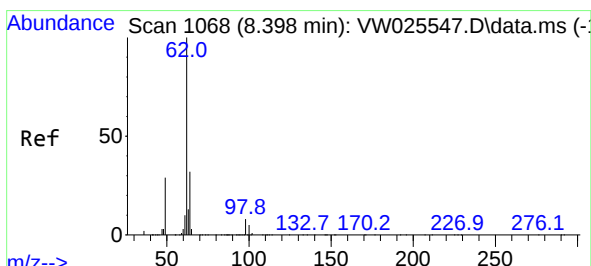
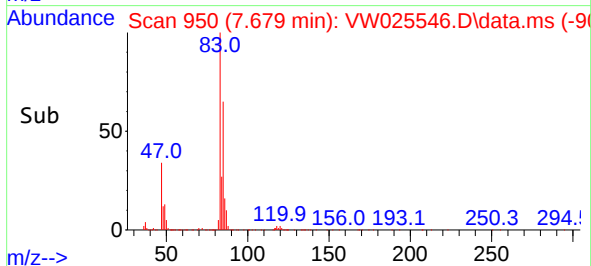
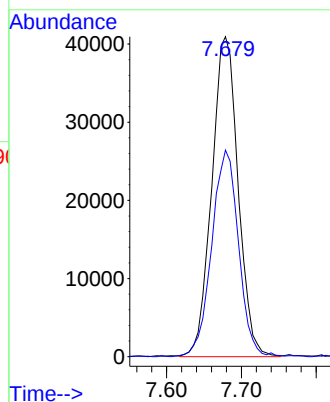
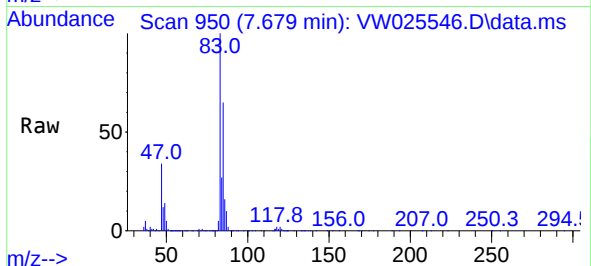




#25
Chloroform
Concen: 4.965 ug/L
RT: 7.679 min Scan# 91
Delta R.T. -0.000 min
Lab File: VW025546.D
Acq: 03 Apr 2023 09:42

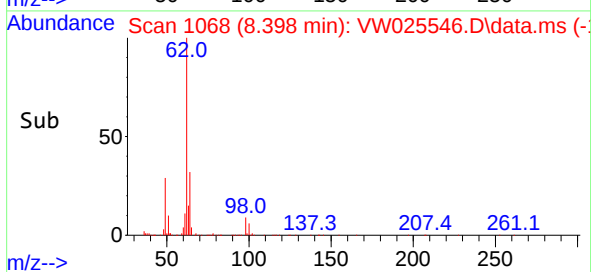
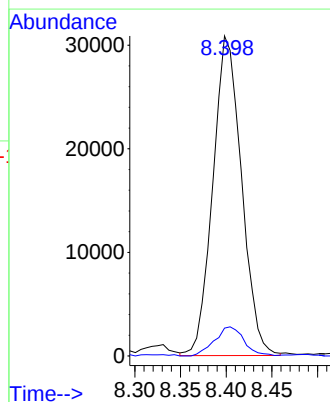
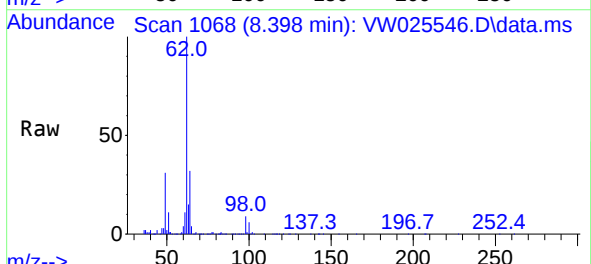
Instrument :
MSVOA_W
ClientSampleId :
VSTD005438

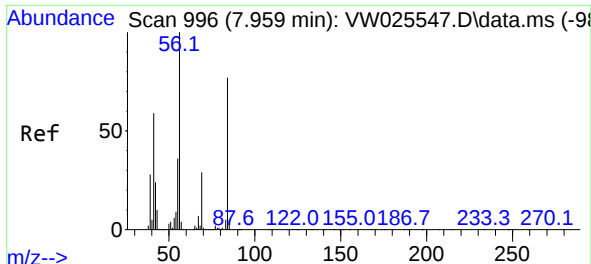
Tgt Ion: 83 Resp: 100438
Ion Ratio Lower Upper
83 100
85 64.5 45.8 85.2



#27
1,2-Dichloroethane
Concen: 4.962 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. -0.000 min
Lab File: VW025546.D
Acq: 03 Apr 2023 09:42

Tgt Ion: 62 Resp: 67352
Ion Ratio Lower Upper
62 100
98 8.7 6.6 10.0





#29

Cyclohexane

Concen: 4.614 ug/L

RT: 7.953 min Scan# 996

Delta R.T. -0.006 min

Lab File: VW025546.D

Acq: 03 Apr 2023 09:42

Instrument :

MSVOA_W

ClientSampleId :

VSTD005438

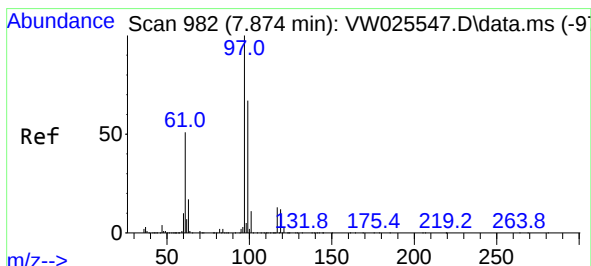
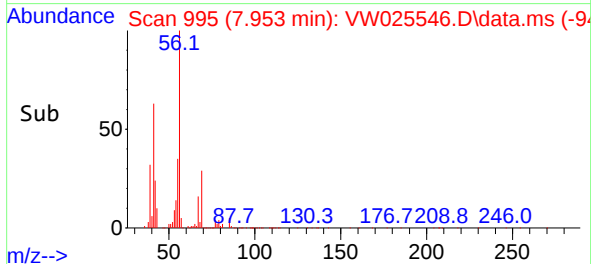
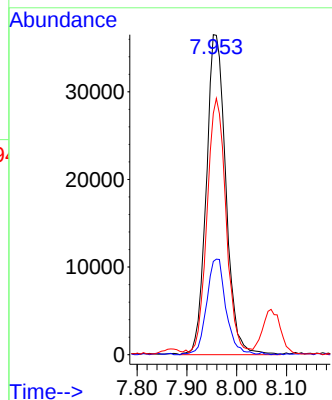
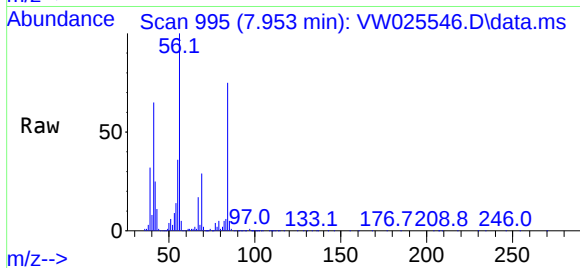
Tgt Ion: 56 Resp: 99753

Ion Ratio Lower Upper

56 100

69 29.2 22.7 34.1

84 77.7 62.5 93.7



#30

1,1,1-Trichloroethane

Concen: 4.903 ug/L

RT: 7.874 min Scan# 982

Delta R.T. -0.000 min

Lab File: VW025546.D

Acq: 03 Apr 2023 09:42

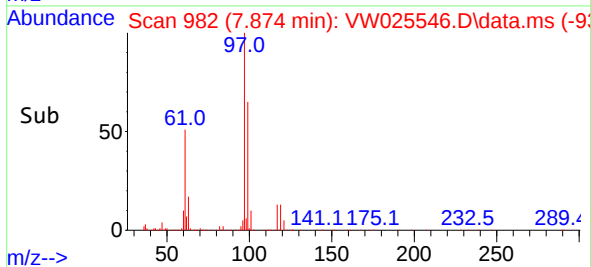
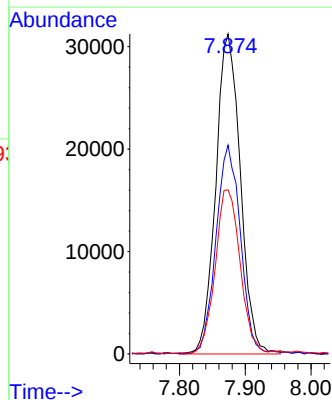
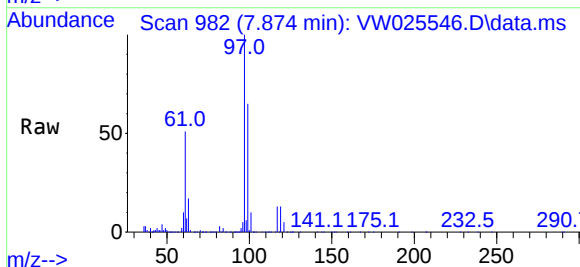
Tgt Ion: 97 Resp: 81361

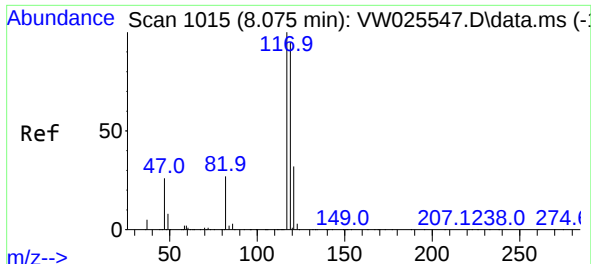
Ion Ratio Lower Upper

97 100

99 64.6 51.0 76.6

61 52.0 40.5 60.7

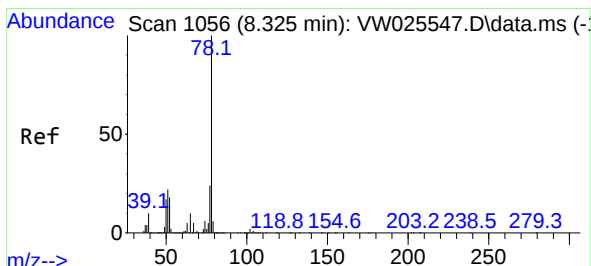
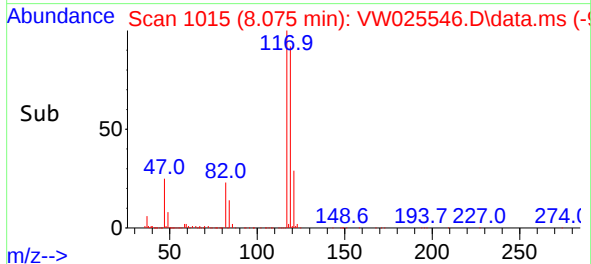
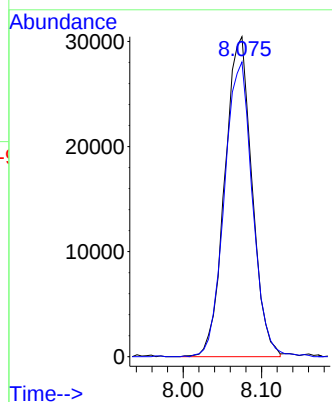
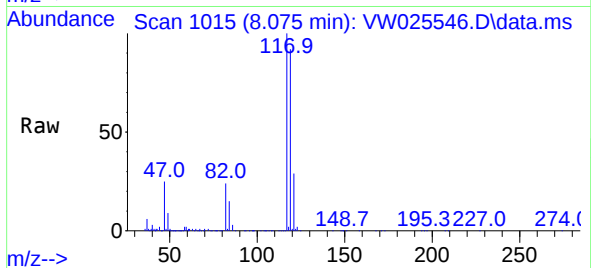




#31
Carbon tetrachloride
Concen: 4.905 ug/L
RT: 8.075 min Scan# 1015
Delta R.T. -0.000 min
Lab File: VW025546.D
Acq: 03 Apr 2023 09:42

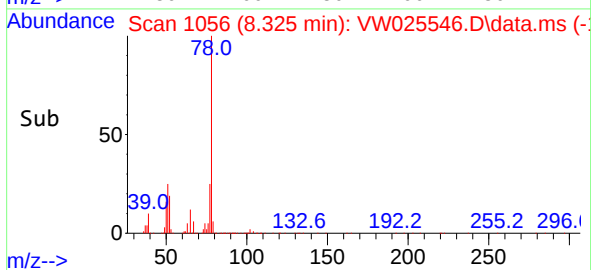
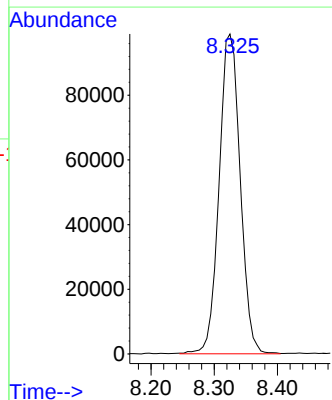
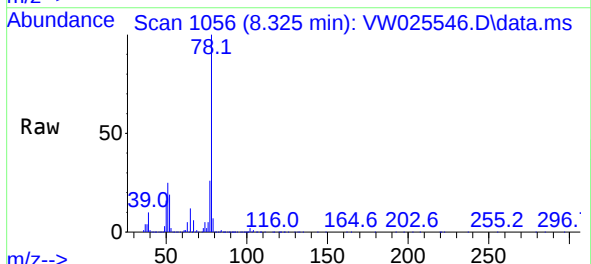
Instrument : MSVOA_W
ClientSampleId : VSTD005438

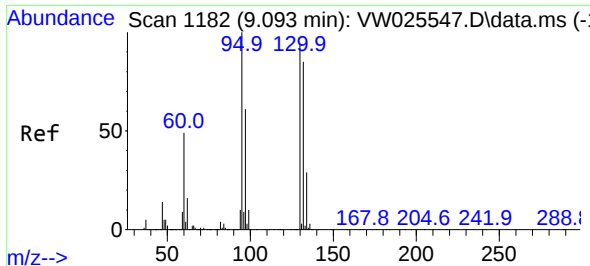
Tgt Ion:117 Resp: 73508
Ion Ratio Lower Upper
117 100
119 95.0 75.7 113.5



#33
Benzene
Concen: 4.915 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VW025546.D
Acq: 03 Apr 2023 09:42

Tgt Ion: 78 Resp: 228481



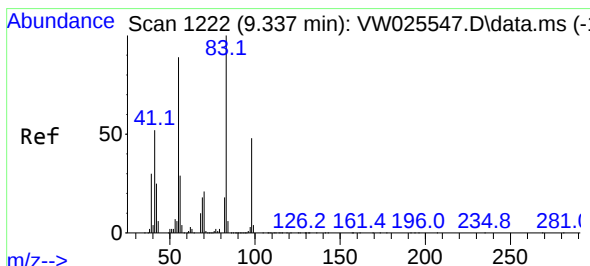
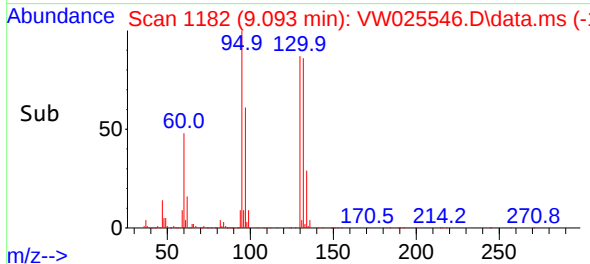
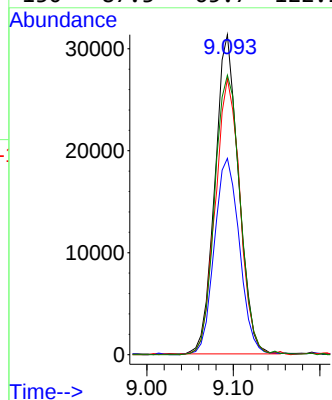
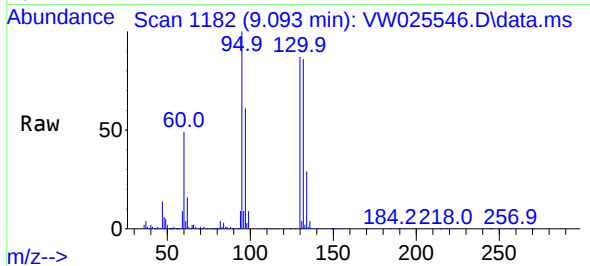


#34
Trichloroethene
Concen: 4.927 ug/L
RT: 9.093 min Scan# 1182
Delta R.T. -0.000 min
Lab File: VW025546.D
Acq: 03 Apr 2023 09:42

Instrument :
MSVOA_W
ClientSampleId :
VSTD005438

Tgt Ion: 95 Resp: 59574

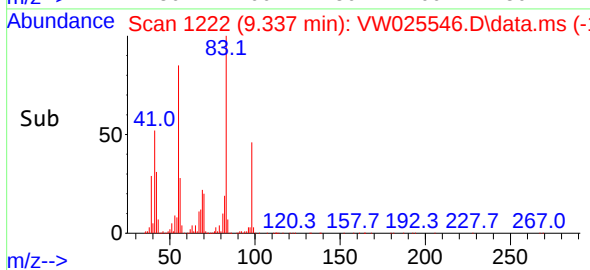
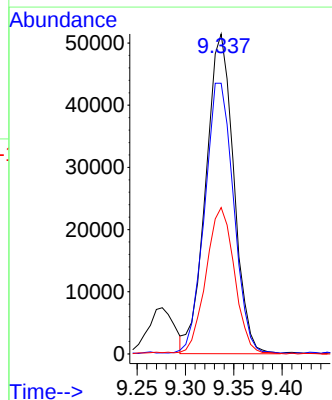
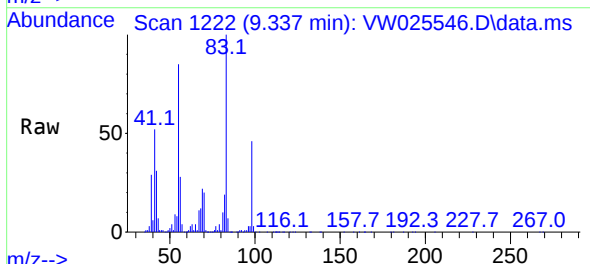
Ion	Ratio	Lower	Upper
95	100		
97	61.4	42.5	78.9
132	86.2	59.8	111.1
130	87.3	65.7	122.1

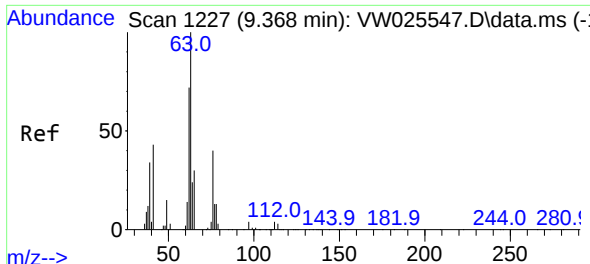


#35
Methylcyclohexane
Concen: 4.727 ug/L
RT: 9.337 min Scan# 1222
Delta R.T. -0.000 min
Lab File: VW025546.D
Acq: 03 Apr 2023 09:42

Tgt Ion: 83 Resp: 103220

Ion	Ratio	Lower	Upper
83	100		
55	88.2	68.7	103.1
98	46.7	37.7	56.5





#37

1,2-Dichloropropane

Concen: 4.920 ug/L

RT: 9.367 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW025546.D

Acq: 03 Apr 2023 09:42

Instrument :

MSVOA_W

ClientSampleId :

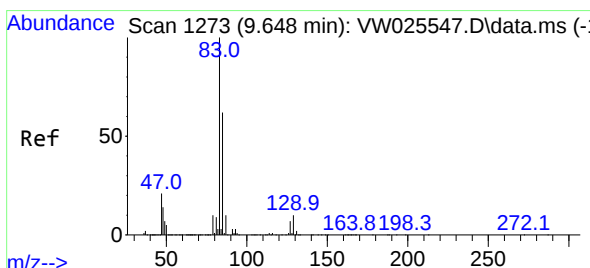
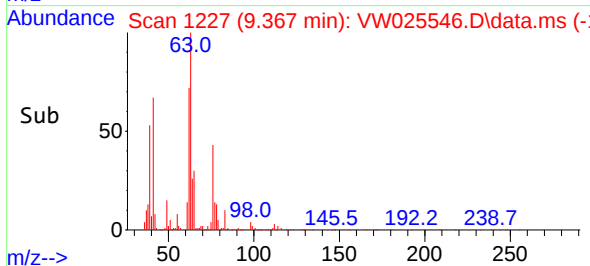
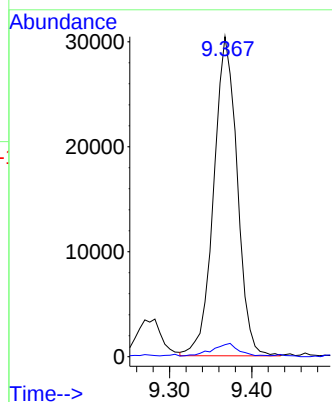
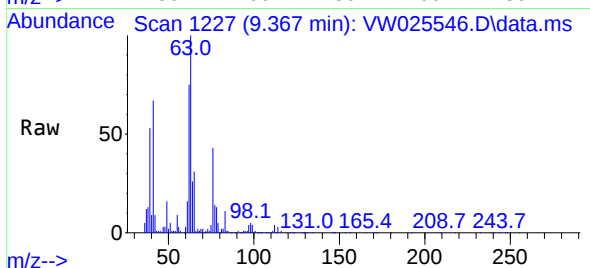
VSTD005438

Tgt Ion: 63 Resp: 60405

Ion Ratio Lower Upper

63 100

112 4.3 3.4 5.0



#38

Bromodichloromethane

Concen: 4.868 ug/L

RT: 9.648 min Scan# 1273

Delta R.T. -0.000 min

Lab File: VW025546.D

Acq: 03 Apr 2023 09:42

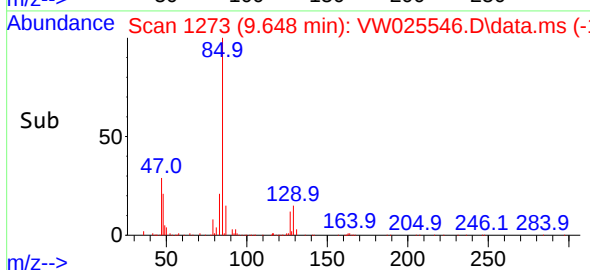
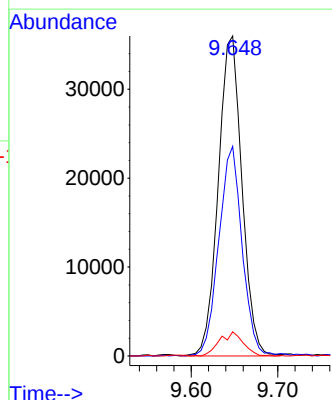
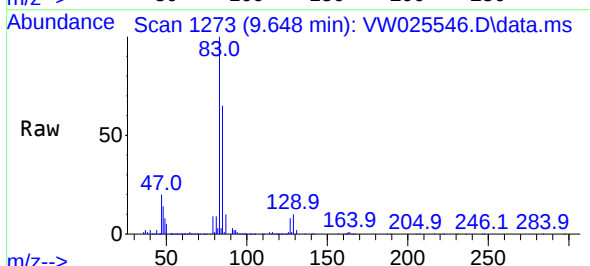
Tgt Ion: 83 Resp: 68390

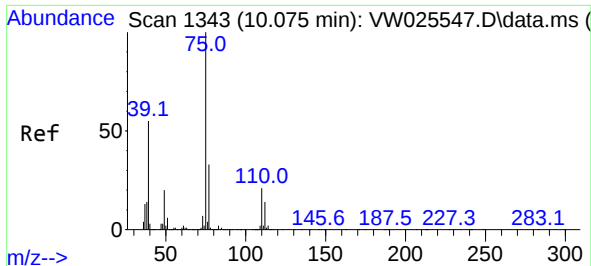
Ion Ratio Lower Upper

83 100

85 65.5 43.5 80.7

127 7.6 5.8 8.8





#39

cis-1,3-Dichloropropene

Concen: 4.501 ug/L

RT: 10.075 min Scan# 1343

Delta R.T. -0.000 min

Lab File: VW025546.D

Acq: 03 Apr 2023 09:42

Instrument :

MSVOA_W

ClientSampleId :

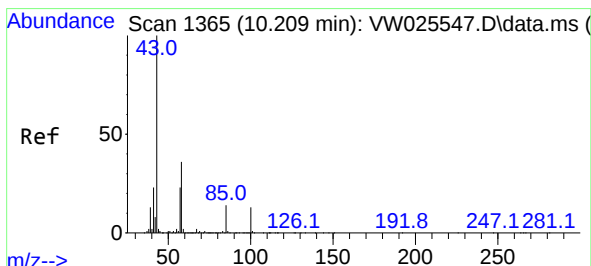
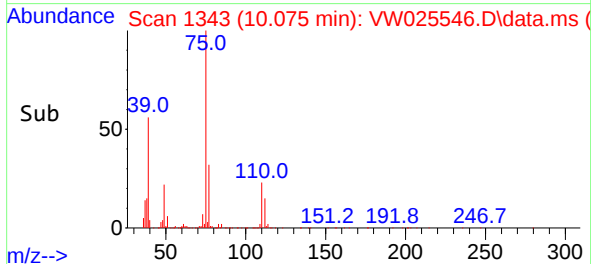
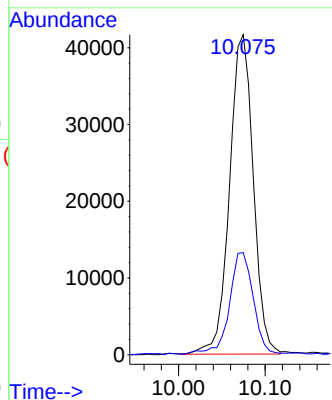
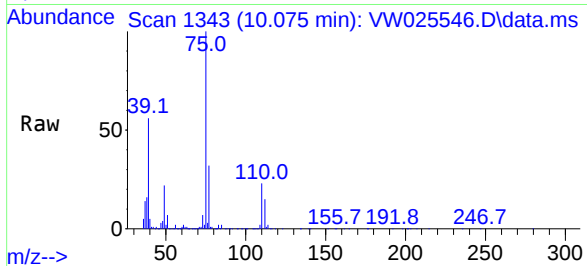
VSTD005438

Tgt Ion: 75 Resp: 79270

Ion Ratio Lower Upper

75 100

77 31.9 22.8 42.4



#40

4-Methyl-2-pentanone

Concen: 8.795 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. -0.000 min

Lab File: VW025546.D

Acq: 03 Apr 2023 09:42

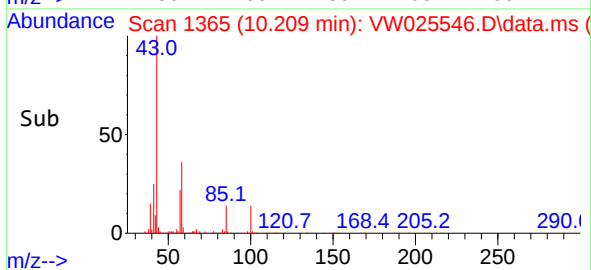
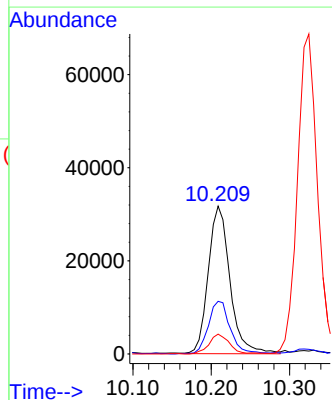
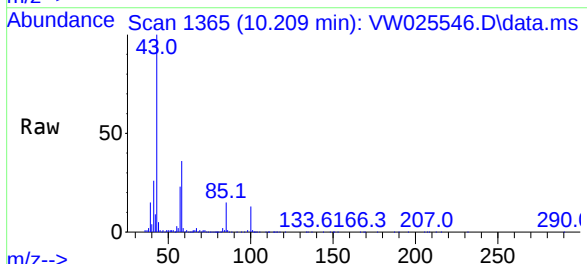
Tgt Ion: 43 Resp: 61121

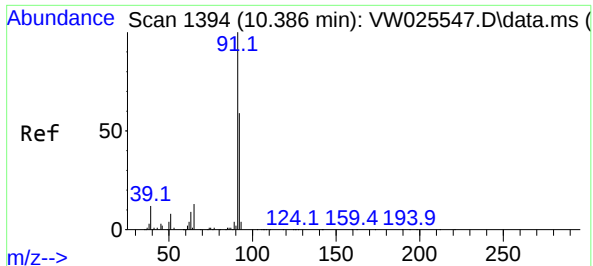
Ion Ratio Lower Upper

43 100

58 36.1 29.2 43.8

100 12.4 10.2 15.4

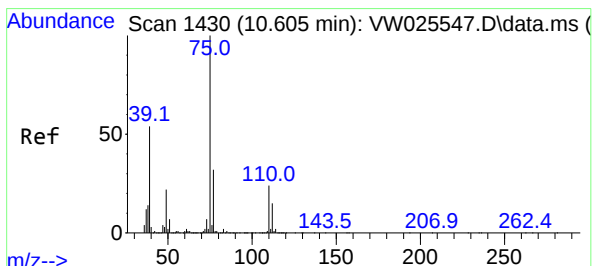
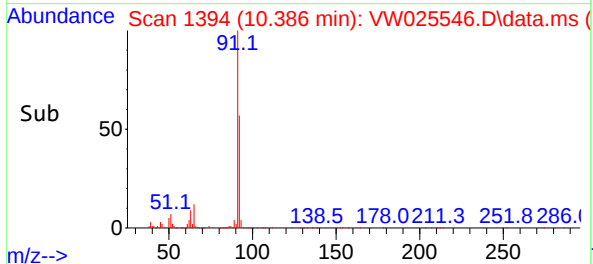
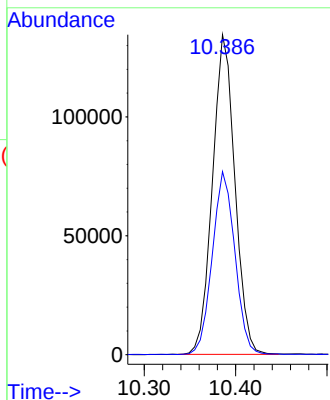
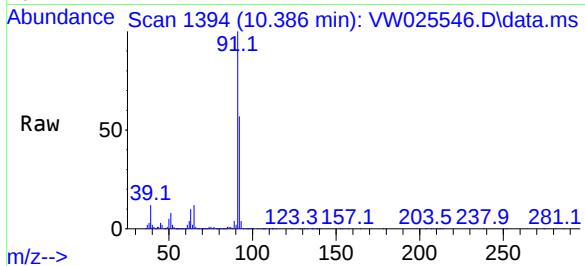




#42
Toluene
Concen: 4.845 ug/L
RT: 10.386 min Scan# 1394
Delta R.T. -0.000 min
Lab File: VW025546.D
Acq: 03 Apr 2023 09:42

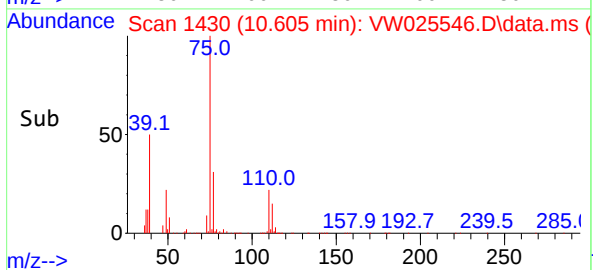
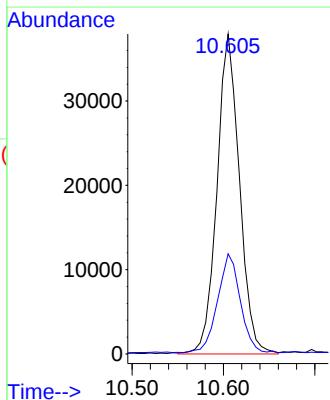
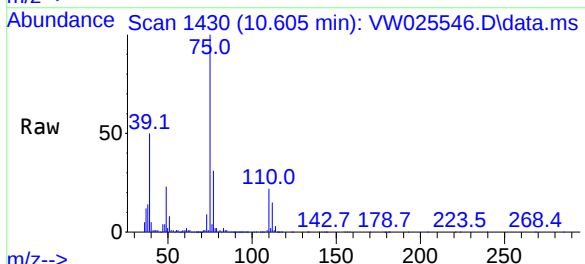
Instrument :
MSVOA_W
ClientSampleId :
VSTD005438

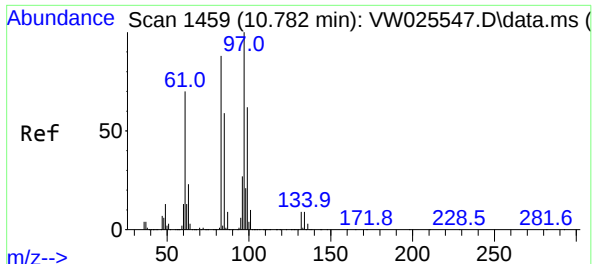
Tgt Ion: 91 Resp: 229350
Ion Ratio Lower Upper
91 100
92 57.2 41.1 76.3



#44
trans-1,3-Dichloropropene
Concen: 4.466 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VW025546.D
Acq: 03 Apr 2023 09:42

Tgt Ion: 75 Resp: 64863
Ion Ratio Lower Upper
75 100
77 31.3 22.5 41.9



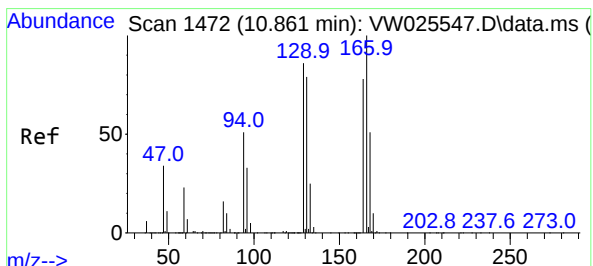
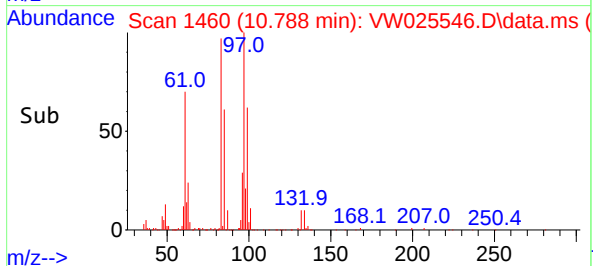
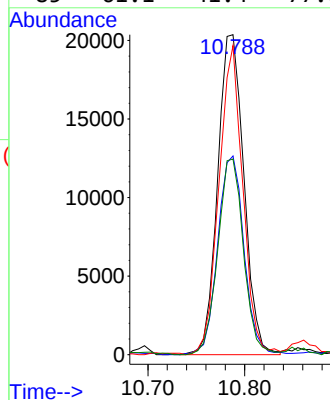
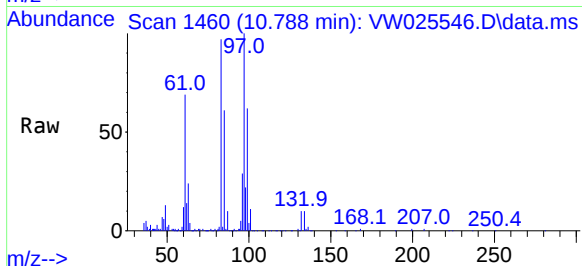


#45
1,1,2-Trichloroethane
Concen: 4.898 ug/L
RT: 10.788 min Scan# 1459
Delta R.T. 0.006 min
Lab File: VW025546.D
Acq: 03 Apr 2023 09:42

Instrument :
MSVOA_W
ClientSampleId :
VSTD005438

Tgt Ion: 97 Resp: 38345

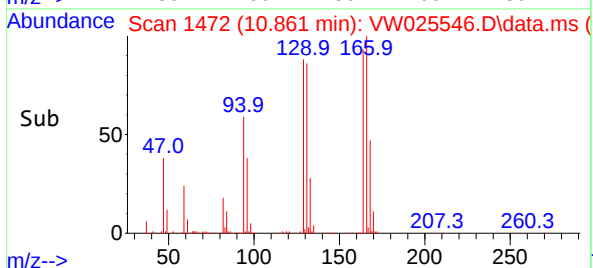
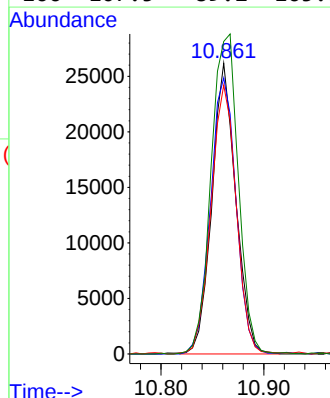
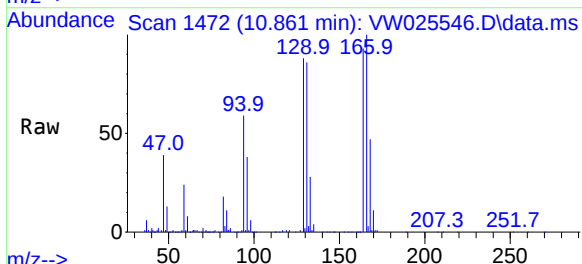
Ion	Ratio	Lower	Upper
97	100		
99	62.1	43.8	81.3
83	96.6	61.8	114.8
85	61.1	41.4	77.0



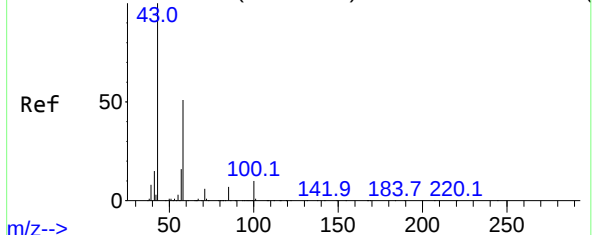
#46
Tetrachloroethene
Concen: 4.958 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VW025546.D
Acq: 03 Apr 2023 09:42

Tgt Ion: 164 Resp: 42168

Ion	Ratio	Lower	Upper
164	100		
129	94.9	76.9	142.9
131	92.5	70.5	130.9
166	107.5	89.2	165.8



Abundance Scan 1489 (10.965 min): VW025547.D\data.ms (



#48

2-Hexanone

Concen: 8.275 ug/L

RT: 10.971 min Scan# 14

Delta R.T. 0.006 min

Lab File: VW025546.D

Acq: 03 Apr 2023 09:42

Instrument :

MSVOA_W

ClientSampleId :

VSTD005438

Tgt Ion: 43 Resp: 39732

Ion Ratio Lower Upper

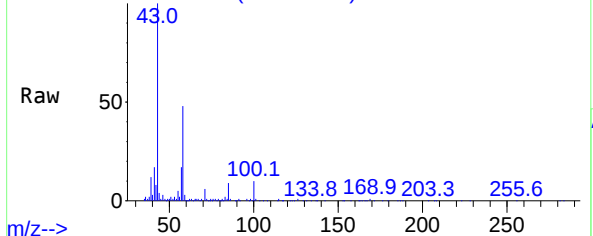
43 100

58 51.4 38.6 57.8

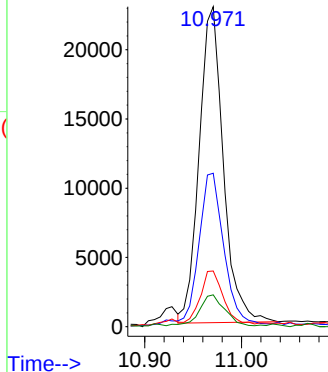
57 16.9 13.9 20.9

100 11.0 8.2 12.2

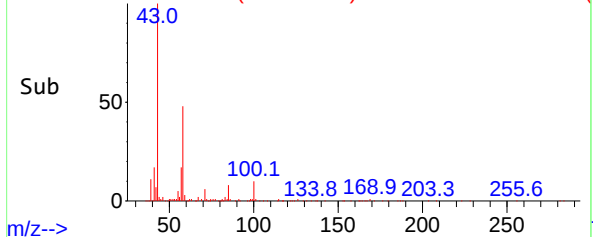
Abundance Scan 1490 (10.971 min): VW025546.D\data.ms



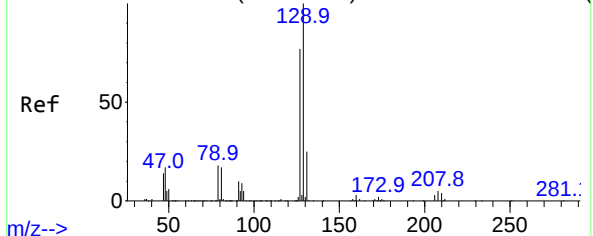
Abundance



Abundance Scan 1490 (10.971 min): VW025546.D\data.ms (



Abundance Scan 1516 (11.129 min): VW025547.D\data.ms (



#49

Dibromochloromethane

Concen: 4.790 ug/L

RT: 11.129 min Scan# 1516

Delta R.T. -0.000 min

Lab File: VW025546.D

Acq: 03 Apr 2023 09:42

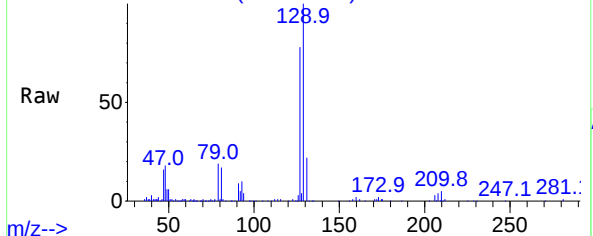
Tgt Ion: 129 Resp: 39484

Ion Ratio Lower Upper

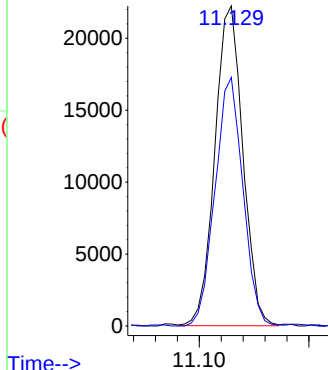
129 100

127 77.6 54.0 100.2

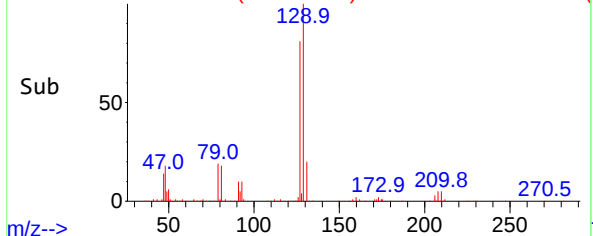
Abundance Scan 1516 (11.129 min): VW025546.D\data.ms

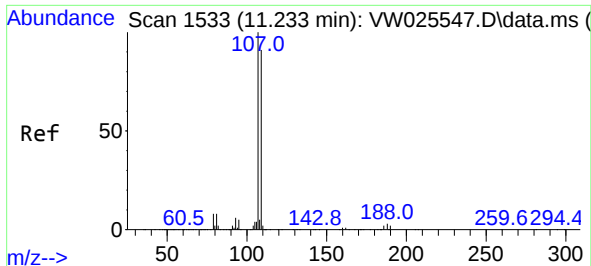


Abundance



Abundance Scan 1516 (11.129 min): VW025546.D\data.ms (



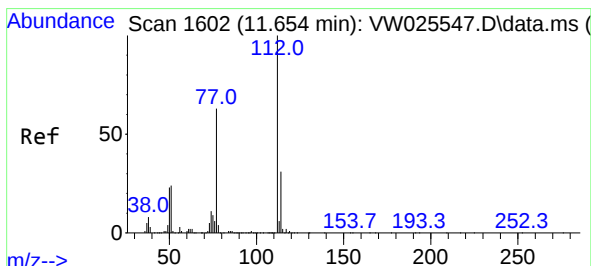
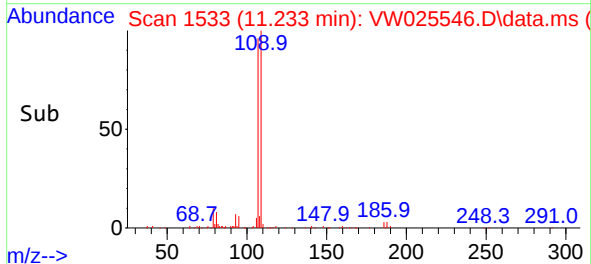
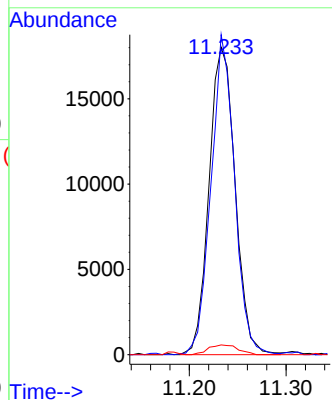
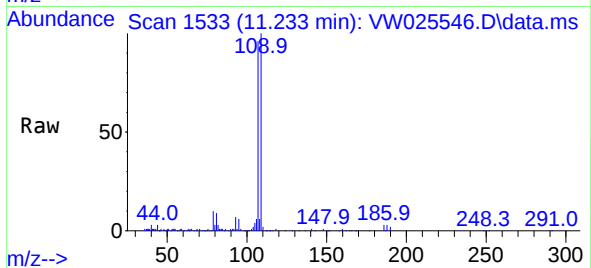


#50
1,2-Dibromoethane
Concen: 4.700 ug/L
RT: 11.233 min Scan# 1533
Delta R.T. -0.000 min
Lab File: VW025546.D
Acq: 03 Apr 2023 09:42

Instrument :
MSVOA_W
ClientSampleId :
VSTD005438

Tgt Ion:107 Resp: 33804

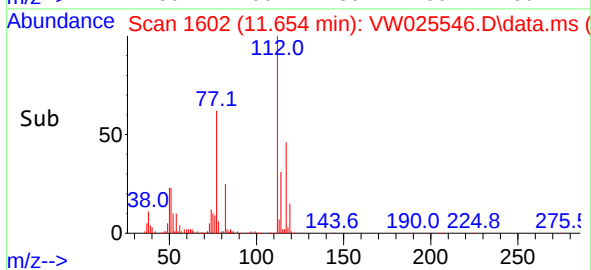
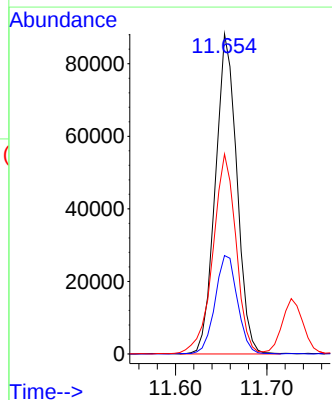
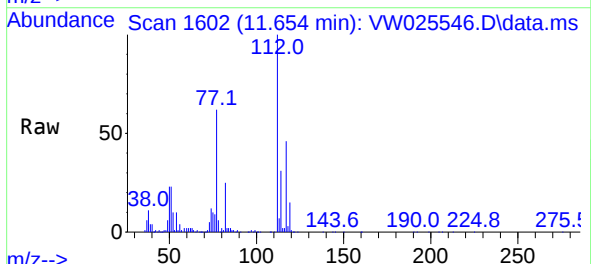
Ion	Ratio	Lower	Upper
107	100		
109	104.1	64.1	119.1
188	3.2	2.8	4.2

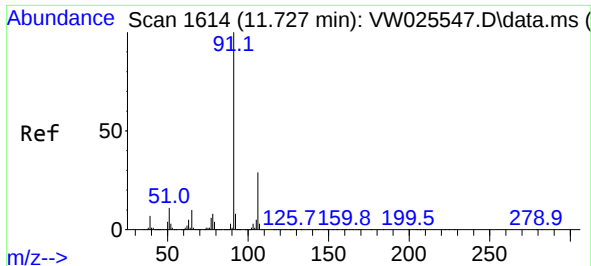


#51
Chlorobenzene
Concen: 4.940 ug/L
RT: 11.654 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VW025546.D
Acq: 03 Apr 2023 09:42

Tgt Ion:112 Resp: 144106

Ion	Ratio	Lower	Upper
112	100		
114	30.8	21.6	40.2
77	62.5	50.2	75.2





#52

Ethylbenzene

Concen: 4.841 ug/L

RT: 11.727 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW025546.D

Acq: 03 Apr 2023 09:42

Instrument :

MSVOA_W

ClientSampleId :

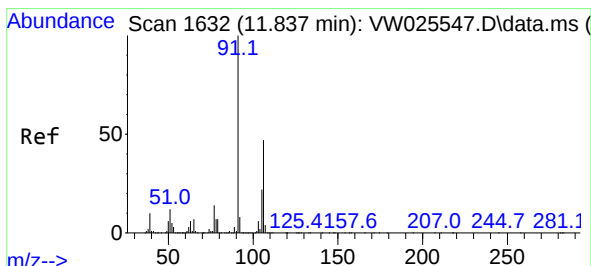
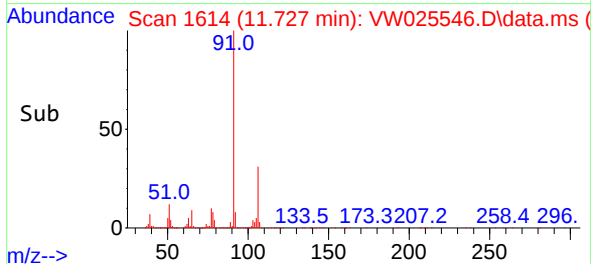
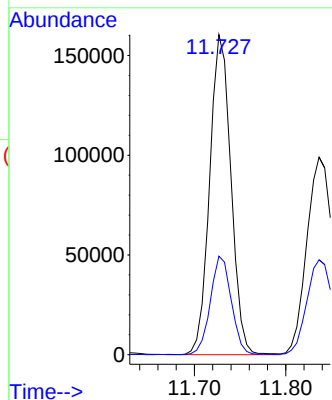
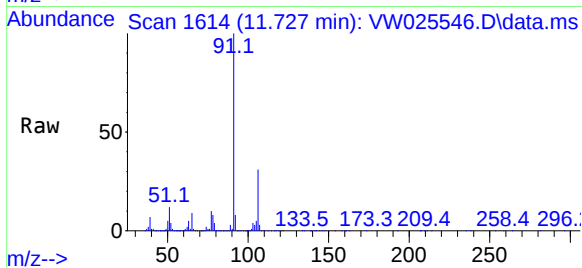
VSTD005438

Tgt Ion: 91 Resp: 259334

Ion Ratio Lower Upper

91 100

106 30.8 20.3 37.7



#53

m,p-Xylene

Concen: 4.785 ug/L

RT: 11.836 min Scan# 1632

Delta R.T. -0.000 min

Lab File: VW025546.D

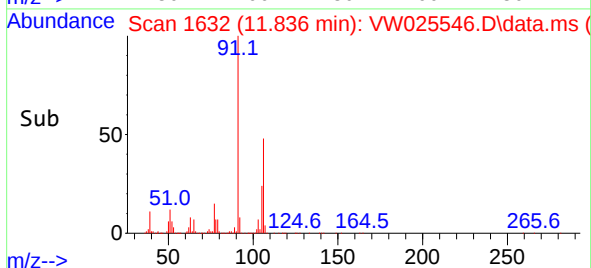
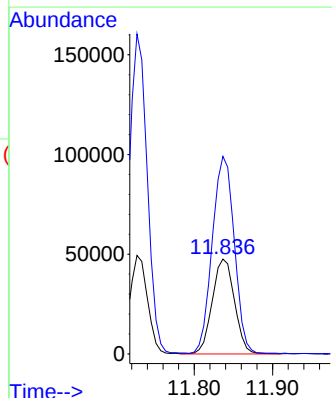
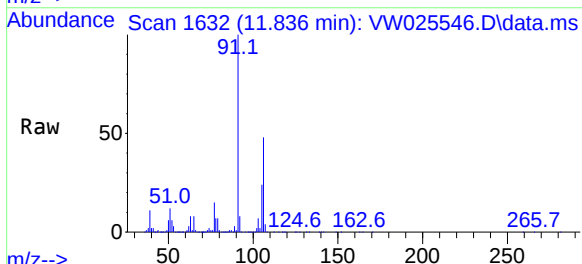
Acq: 03 Apr 2023 09:42

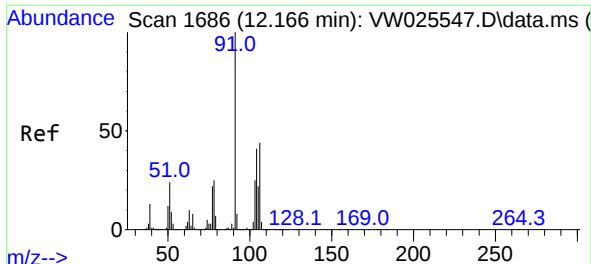
Tgt Ion:106 Resp: 94010

Ion Ratio Lower Upper

106 100

91 208.2 148.0 274.8

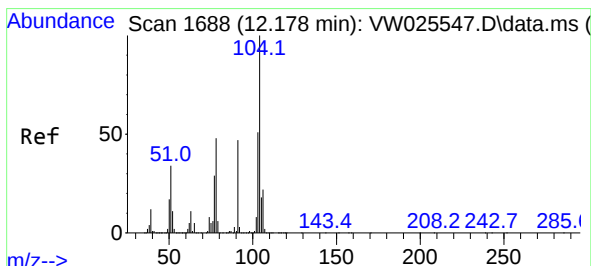
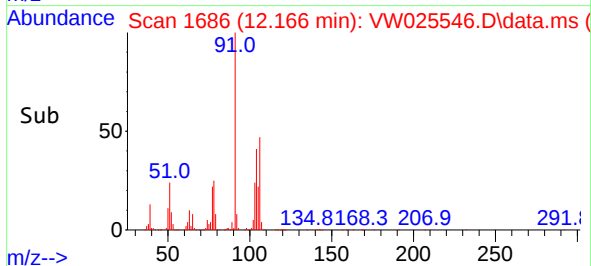
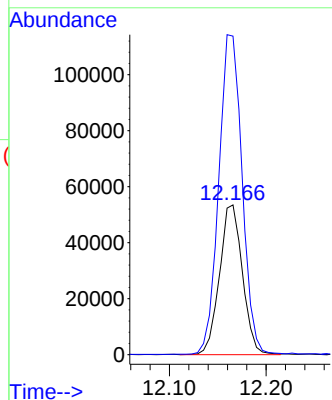
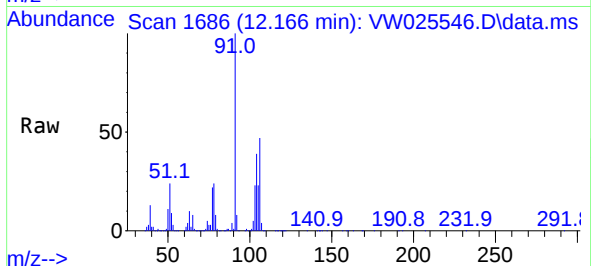




#54
o-Xylene
Concen: 4.790 ug/L
RT: 12.166 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VW025546.D
Acq: 03 Apr 2023 09:42

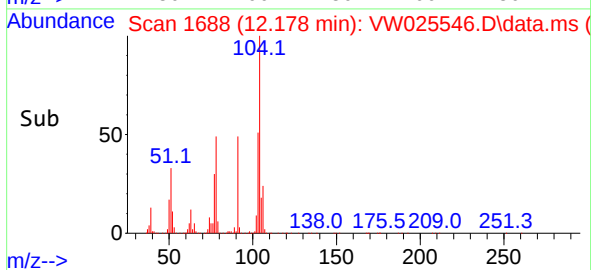
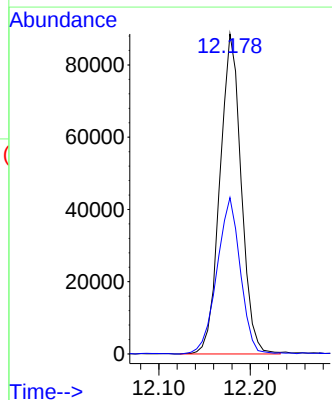
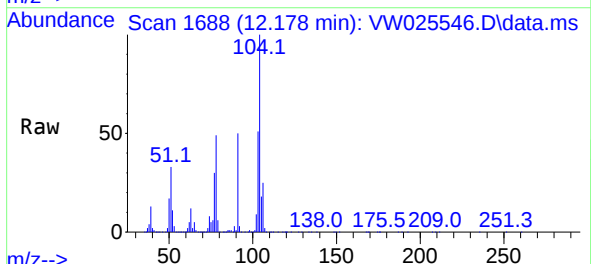
Instrument :
MSVOA_W
ClientSampleId :
VSTD005438

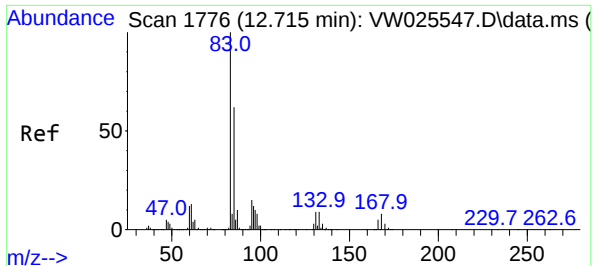
Tgt Ion:106 Resp: 88027
Ion Ratio Lower Upper
106 100
91 212.7 158.2 293.8



#55
Styrene
Concen: 4.644 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VW025546.D
Acq: 03 Apr 2023 09:42

Tgt Ion:104 Resp: 143669
Ion Ratio Lower Upper
104 100
78 48.9 33.3 61.9





#57

1,1,2,2-Tetrachloroethane

Concen: 4.781 ug/L

RT: 12.714 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW025546.D

Acq: 03 Apr 2023 09:42

Instrument :

MSVOA_W

ClientSampleId :

VSTD005438

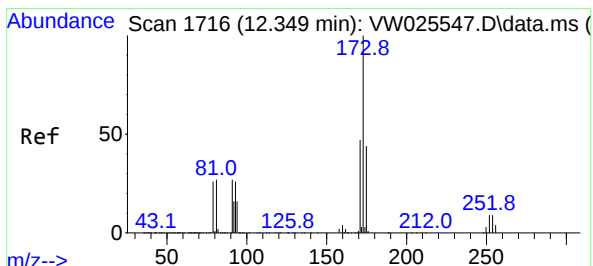
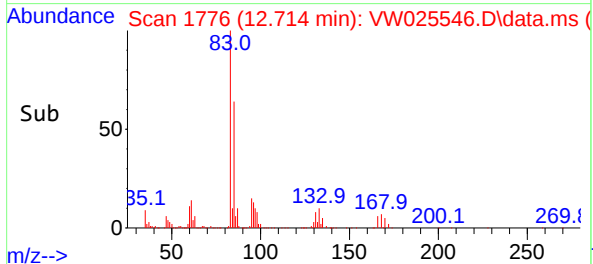
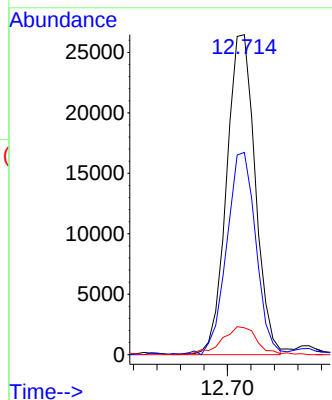
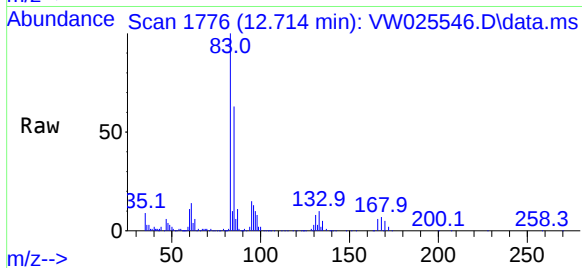
Tgt Ion: 83 Resp: 44828

Ion Ratio Lower Upper

83 100

85 63.2 43.5 80.7

131 8.4 7.0 10.4



#59

Bromoform

Concen: 4.652 ug/L

RT: 12.349 min Scan# 1716

Delta R.T. -0.000 min

Lab File: VW025546.D

Acq: 03 Apr 2023 09:42

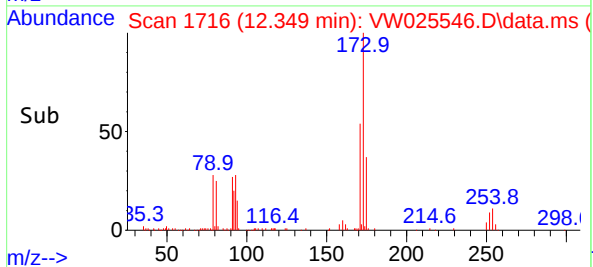
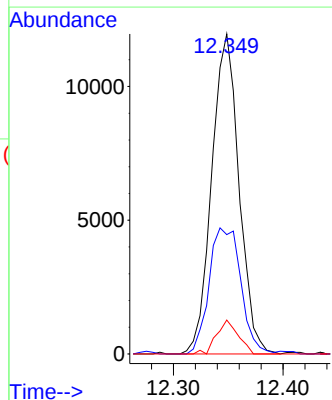
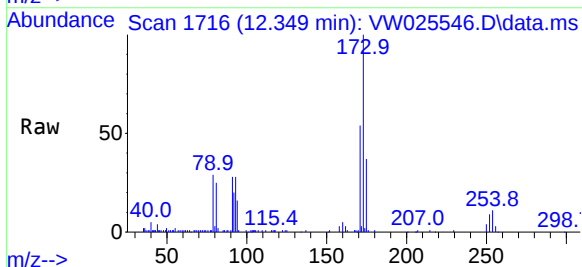
Tgt Ion: 173 Resp: 20706

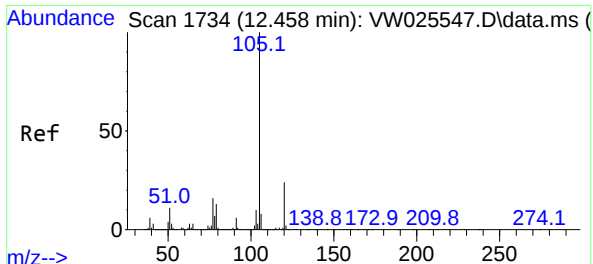
Ion Ratio Lower Upper

173 100

175 45.8 36.1 54.1

254 8.1 7.0 10.6

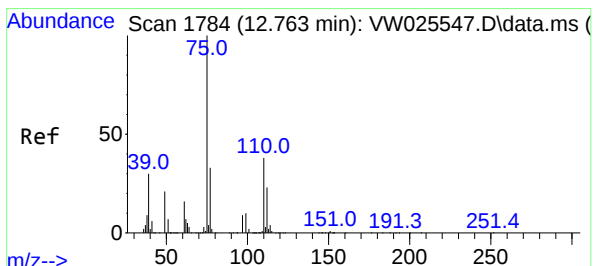
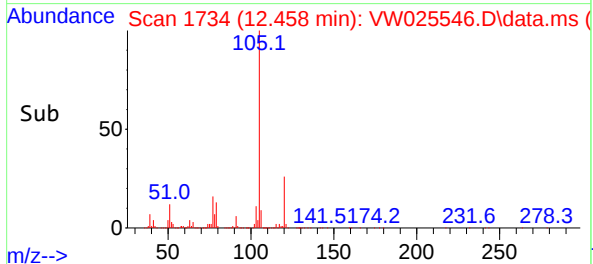
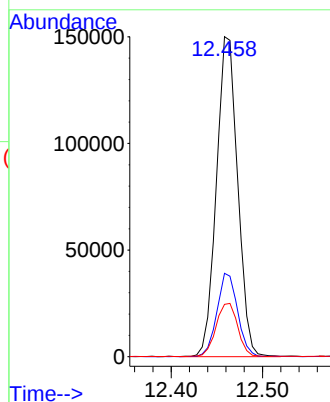
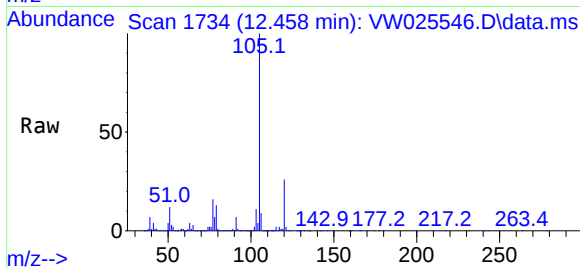




#60
Isopropylbenzene
Concen: 4.771 ug/L
RT: 12.458 min Scan# 1734
Delta R.T. -0.000 min
Lab File: VW025546.D
Acq: 03 Apr 2023 09:42

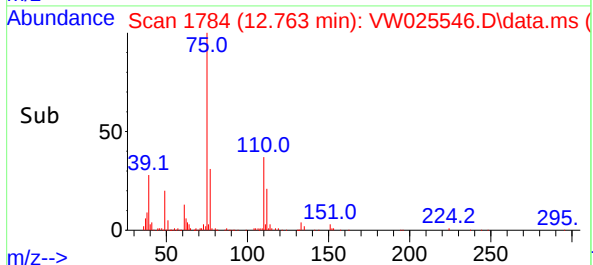
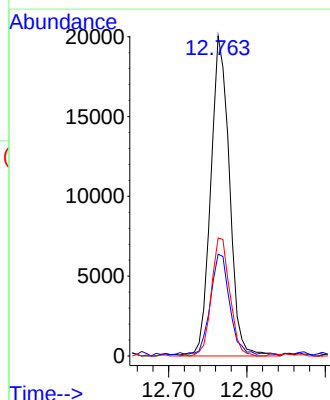
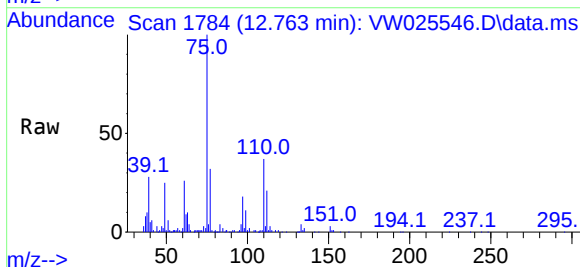
Instrument :
MSVOA_W
ClientSampleId :
VSTD005438

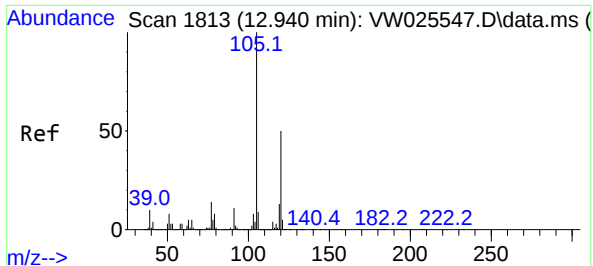
Tgt Ion:	105	Resp:	242766
Ion	Ratio	Lower	Upper
105	100		
120	25.3	20.1	30.1
77	17.0	13.2	19.8



#61
1,2,3-Trichloropropane
Concen: 4.926 ug/L
RT: 12.763 min Scan# 1784
Delta R.T. -0.000 min
Lab File: VW025546.D
Acq: 03 Apr 2023 09:42

Tgt Ion:	75	Resp:	33162
Ion	Ratio	Lower	Upper
75	100		
77	31.7	25.4	38.2
110	36.2	29.0	43.6

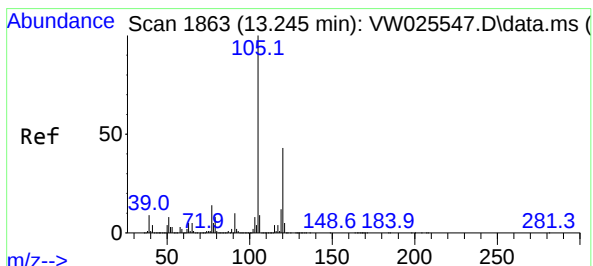
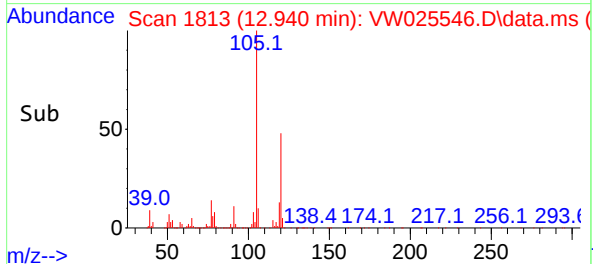
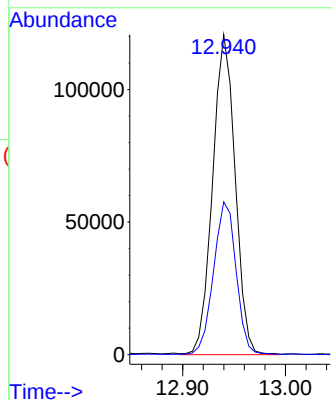
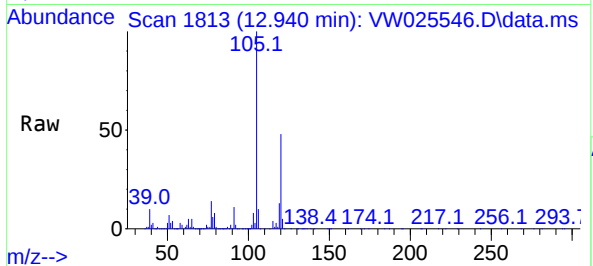




#62
1,3,5-Trimethylbenzene
Concen: 4.577 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VW025546.D
Acq: 03 Apr 2023 09:42

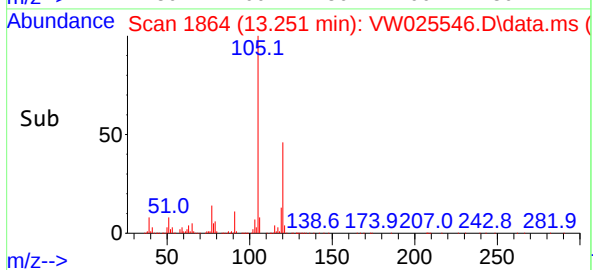
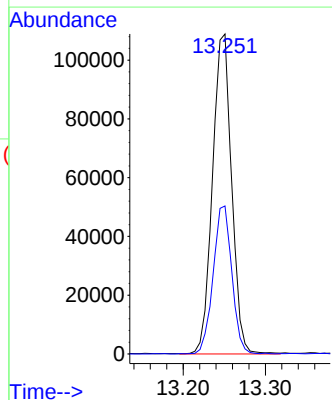
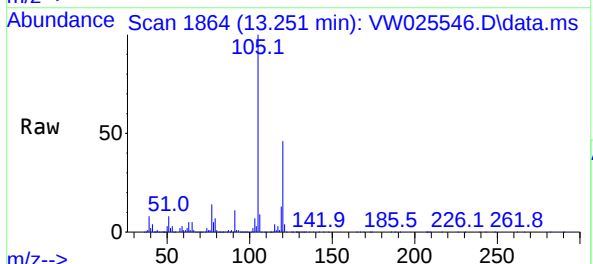
Instrument :
MSVOA_W
ClientSampleId :
VSTD005438

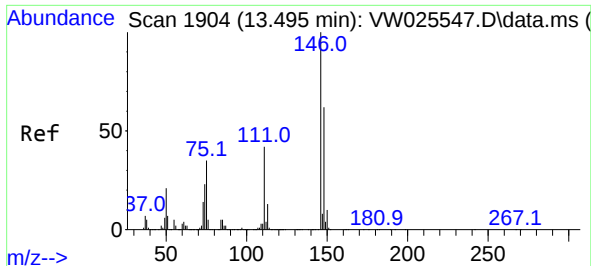
Tgt Ion:105 Resp: 183828
Ion Ratio Lower Upper
105 100
120 47.8 38.4 57.6



#63
1,2,4-Trimethylbenzene
Concen: 4.549 ug/L
RT: 13.251 min Scan# 1864
Delta R.T. 0.006 min
Lab File: VW025546.D
Acq: 03 Apr 2023 09:42

Tgt Ion:105 Resp: 175945
Ion Ratio Lower Upper
105 100
120 45.2 34.8 52.2

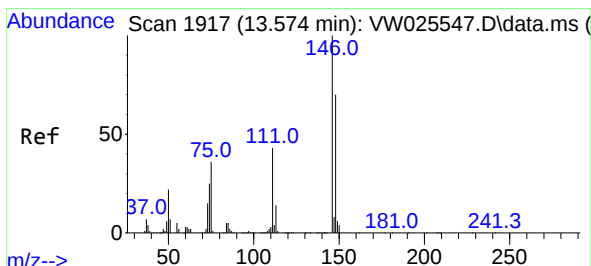
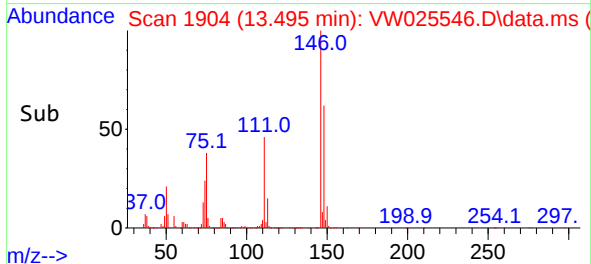
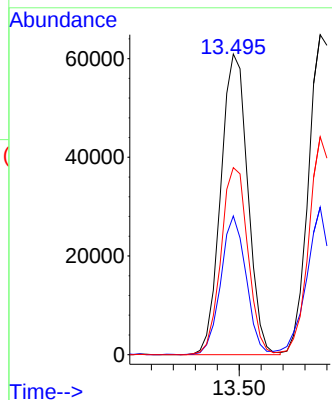
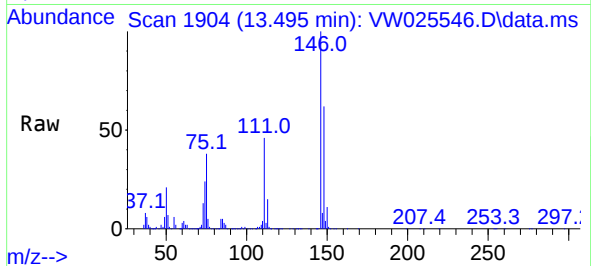




#64
1,3-Dichlorobenzene
Concen: 4.943 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VW025546.D
Acq: 03 Apr 2023 09:42

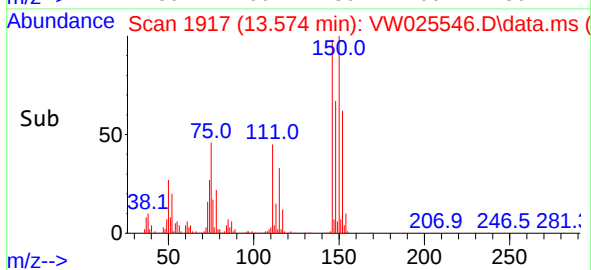
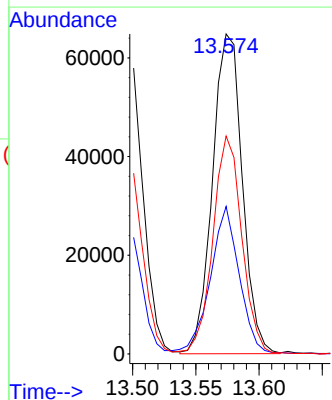
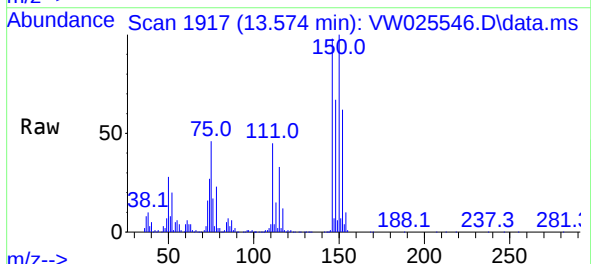
Instrument :
MSVOA_W
ClientSampleId :
VSTD005438

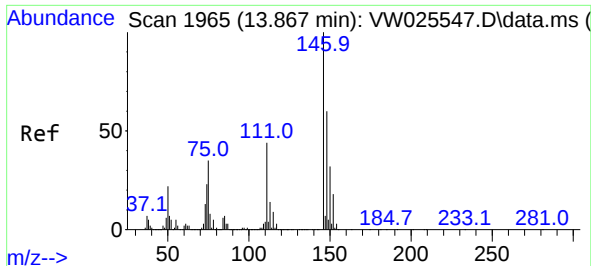
Tgt Ion:146 Resp: 104235
Ion Ratio Lower Upper
146 100
111 46.1 29.7 55.1
148 62.2 43.4 80.6



#65
1,4-Dichlorobenzene
Concen: 4.933 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. -0.000 min
Lab File: VW025546.D
Acq: 03 Apr 2023 09:42

Tgt Ion:146 Resp: 106238
Ion Ratio Lower Upper
146 100
111 46.1 30.4 56.5
148 68.1 48.6 90.3

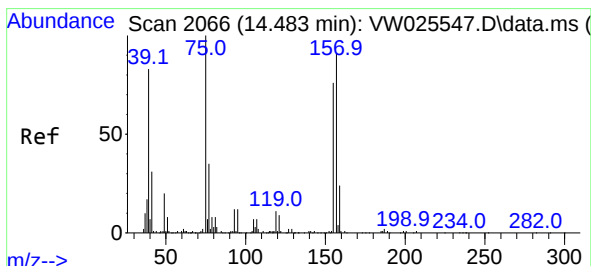
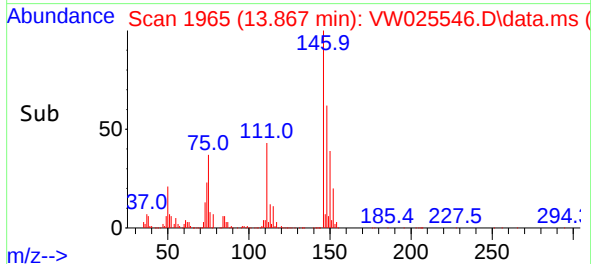
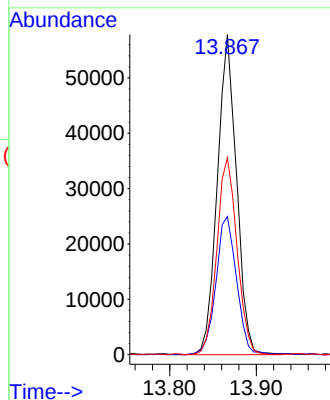
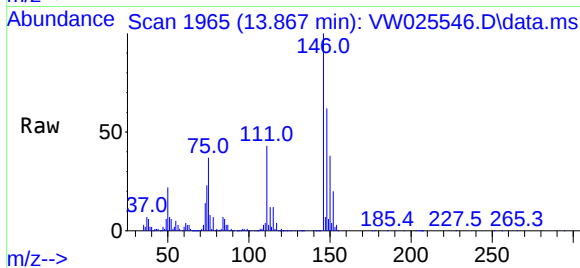




#67
1,2-Dichlorobenzene
Concen: 4.836 ug/L
RT: 13.867 min Scan# 1965
Delta R.T. -0.000 min
Lab File: VW025546.D
Acq: 03 Apr 2023 09:42

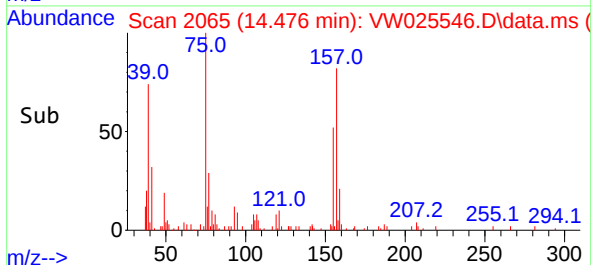
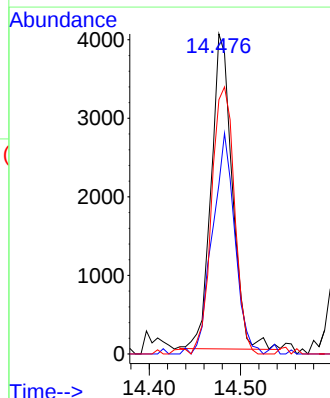
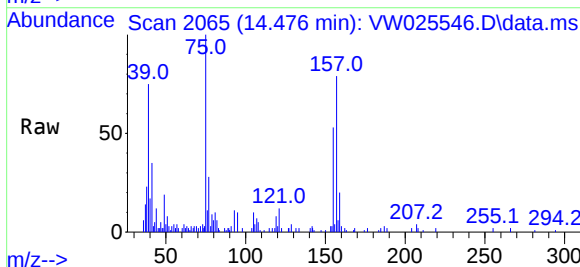
Instrument :
MSVOA_W
ClientSampleId :
VSTD005438

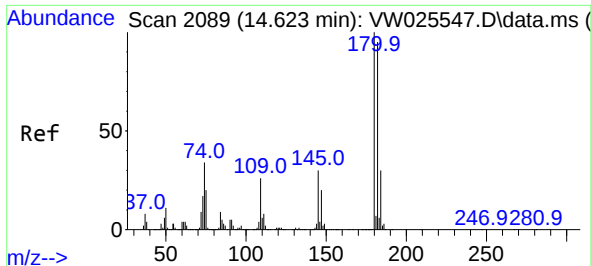
Tgt Ion:	146	Resp:	89391
Ion	Ratio	Lower	Upper
146	100		
111	43.2	35.3	52.9
148	61.5	47.9	71.9



#68
1,2-Dibromo-3-chloropropane
Concen: 4.346 ug/L
RT: 14.476 min Scan# 2065
Delta R.T. -0.006 min
Lab File: VW025546.D
Acq: 03 Apr 2023 09:42

Tgt Ion:	75	Resp:	6418
Ion	Ratio	Lower	Upper
75	100		
155	53.0	61.1	91.7#
157	79.4	72.8	109.2





#69

1,3,5-Trichlorobenzene

Concen: 4.720 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. -0.000 min

Lab File: VW025546.D

Acq: 03 Apr 2023 09:42

Instrument :

MSVOA_W

ClientSampleId :

VSTD005438

Tgt Ion:180 Resp: 66641

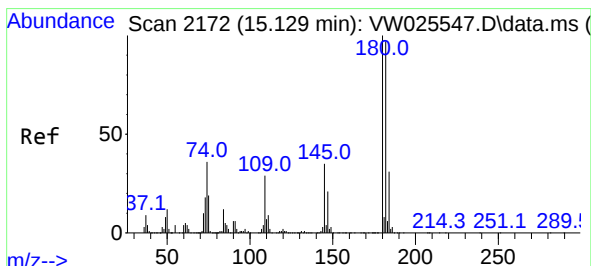
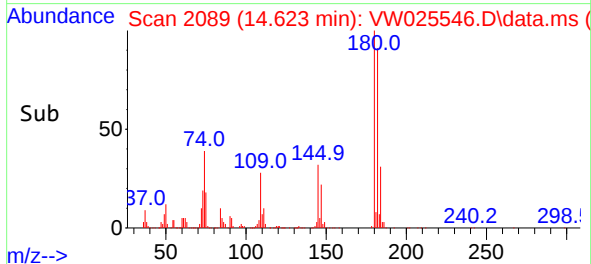
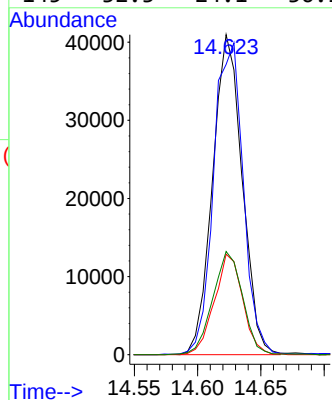
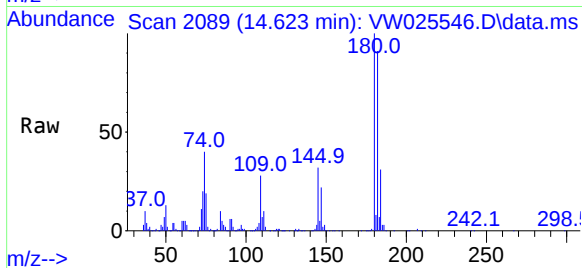
Ion Ratio Lower Upper

180 100

182 97.7 76.4 114.6

184 30.1 24.1 36.1

145 32.3 24.1 36.1



#70

1,2,4-trichlorobenzene

Concen: 4.647 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. -0.000 min

Lab File: VW025546.D

Acq: 03 Apr 2023 09:42

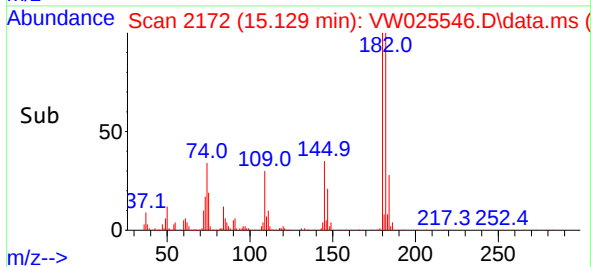
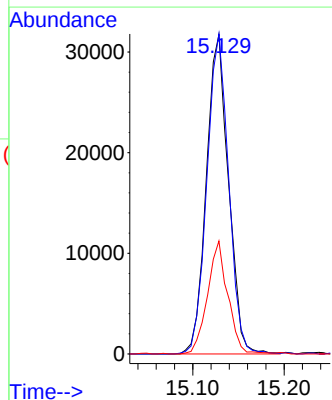
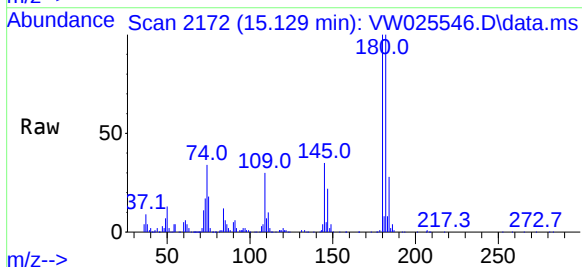
Tgt Ion:180 Resp: 53297

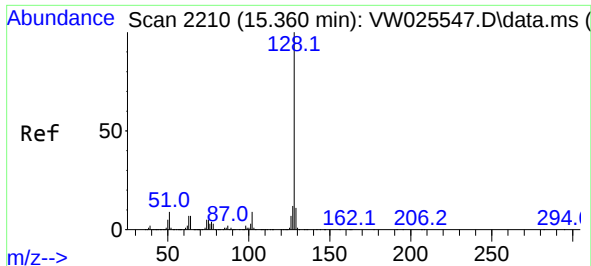
Ion Ratio Lower Upper

180 100

182 98.5 79.5 119.3

145 32.0 27.4 41.0

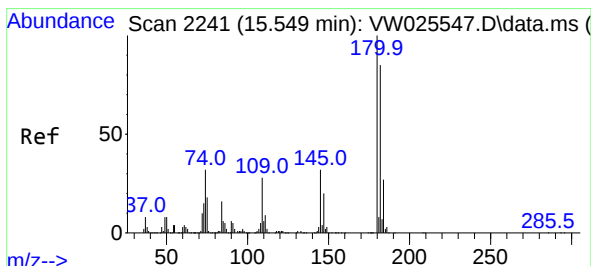
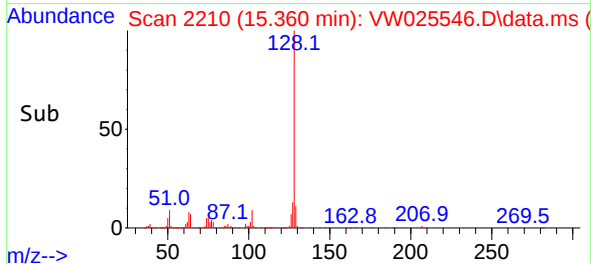
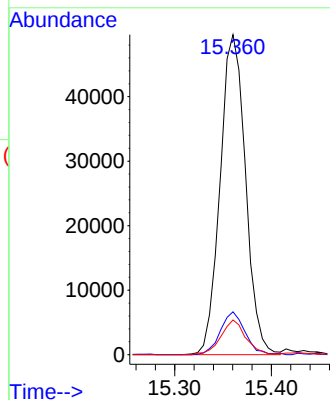
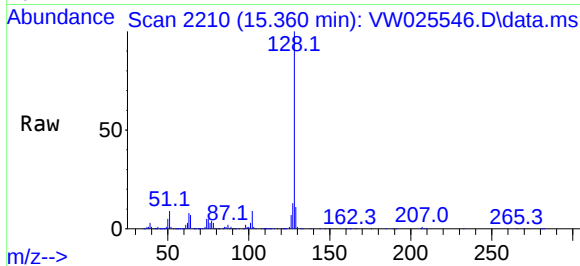




#71
Naphthalene
Concen: 4.235 ug/L
RT: 15.360 min Scan# 21
Delta R.T. -0.000 min
Lab File: VW025546.D
Acq: 03 Apr 2023 09:42

Instrument :
MSVOA_W
ClientSampleId :
VSTD005438

Tgt Ion:	128	Resp:	90615
Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.4	15.6
129	10.6	8.7	13.1



#72
1,2,3-Trichlorobenzene
Concen: 4.668 ug/L
RT: 15.555 min Scan# 2242
Delta R.T. 0.006 min
Lab File: VW025546.D
Acq: 03 Apr 2023 09:42

Tgt Ion:	180	Resp:	46808
Ion	Ratio	Lower	Upper
180	100		
182	99.6	72.9	109.3
145	34.9	27.0	40.6

