

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW030823\
 Data File : VW025383.D
 Acq On : 08 Mar 2023 13:43
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025547

Quant Time: Mar 09 01:02:01 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM030623SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Mar 07 05:10:09 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	684260	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	605073	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	297364	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	295428	25.967	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 103.880%	
7) Chloroethane-d5	2.899	69	210133	25.669	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 102.680%	
11) 1,1-Dichloroethene-d2	4.027	63	562224	25.585	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 102.360%	
21) 2-Butanone-d5	7.075	46	148586	53.206	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 106.420%	
24) Chloroform-d	7.648	84	507062	25.705	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 102.800%	
26) 1,2-Dichloroethane-d4	8.307	65	269225	25.428	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 101.720%	
32) Benzene-d6	8.276	84	1044858	25.272	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 101.080%	
36) 1,2-Dichloropropane-d6	9.270	67	322632	25.225	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 100.880%	
41) Toluene-d8	10.325	98	920638	25.256	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 101.040%	
43) trans-1,3-Dichloroprop...	10.575	79	126464	24.831	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 99.320%	
47) 2-Hexanone-d5	10.922	63	95091	51.702	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 103.400%	
56) 1,1,2,2-Tetrachloroeth...	12.690	84	238912	25.496	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 102.000%	
66) 1,2-Dichlorobenzene-d4	13.848	152	281074	25.418	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 101.680%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.021	85	153877	19.678	ug/L #	87
3) Chloromethane	2.229	50	263255	28.306	ug/L	97
5) Vinyl chloride	2.375	62	297510	28.315	ug/L	97
6) Bromomethane	2.789	94	153686	27.435	ug/L	99
8) Chloroethane	2.936	64	166951	27.645	ug/L	98
9) Trichlorofluoromethane	3.271	101	220120	24.204	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	228275	25.883	ug/L	97
12) 1,1-Dichloroethene	4.045	96	230425	27.004	ug/L	92
13) Acetone	4.125	43	111441	41.512	ug/L	100
14) Carbon disulfide	4.393	76	765526	28.855	ug/L	98
15) Methyl Acetate	4.667	43	125377	24.895	ug/L	99
16) Methylene chloride	4.917	84	243768	25.584	ug/L	97
17) trans-1,2-Dichloroethene	5.429	96	238394	26.651	ug/L	94
18) Methyl tert-butyl Ether	5.423	73	344644	25.593	ug/L	99
19) 1,1-Dichloroethane	6.216	63	478952	25.857	ug/L	100
20) cis-1,2-Dichloroethene	7.173	96	251930	25.724	ug/L #	94
22) 2-Butanone	7.167	43	163192	46.992	ug/L	99
23) Bromochloromethane	7.514	128	108208	25.693	ug/L	95
25) Chloroform	7.673	83	445307	25.573	ug/L	100

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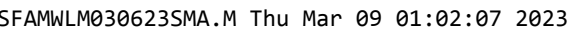
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025547

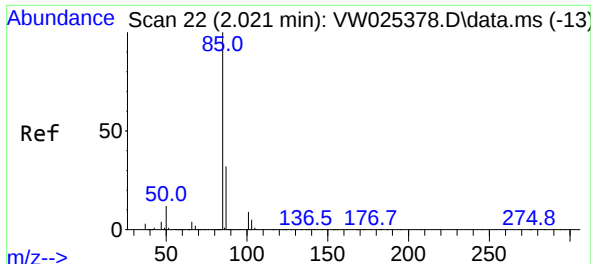
Quant Time: Mar 09 01:02:01 2023
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 Quant Title : SFAM01.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	303826	26.145	ug/L	100
29) Cyclohexane	7.959	56	476428	27.895	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	369138	25.664	ug/L	99
31) Carbon tetrachloride	8.069	117	333299	25.851	ug/L	100
33) Benzene	8.319	78	1015229	26.243	ug/L	100
34) Trichloroethene	9.093	95	257524	25.363	ug/L	98
35) Methylcyclohexane	9.337	83	486044	27.789	ug/L	99
37) 1,2-Dichloropropane	9.367	63	269376	25.297	ug/L	100
38) Bromodichloromethane	9.642	83	306901	24.713	ug/L	99
39) cis-1,3-Dichloropropene	10.069	75	390079	25.428	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	329271	51.448	ug/L	100
42) Toluene	10.386	91	1040903	26.060	ug/L	100
44) trans-1,3-Dichloropropene	10.605	75	325525	25.339	ug/L	100
45) 1,1,2-Trichloroethane	10.788	97	177930	24.881	ug/L	98
46) Tetrachloroethene	10.861	164	186750	25.850	ug/L	93
48) 2-Hexanone	10.965	43	230614	50.083	ug/L	99
49) Dibromochloromethane	11.129	129	190311	24.907	ug/L	99
50) 1,2-Dibromoethane	11.233	107	167579	25.316	ug/L #	99
51) Chlorobenzene	11.654	112	633930	25.007	ug/L	99
52) Ethylbenzene	11.727	91	1188729	26.095	ug/L	97
53) m,p-Xylene	11.837	106	444360	26.447	ug/L	96
54) o-Xylene	12.166	106	407258	25.759	ug/L	99
55) Styrene	12.178	104	709852	26.291	ug/L	95
57) 1,1,2,2-Tetrachloroethane	12.714	83	223261	25.098	ug/L	98
59) Bromoform	12.343	173	103553	24.137	ug/L	98
60) Isopropylbenzene	12.458	105	1159560	26.158	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	161340	24.903	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	932772	26.569	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	912488	26.383	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	464561	24.732	ug/L	98
65) 1,4-Dichlorobenzene	13.574	146	473036	24.551	ug/L	100
67) 1,2-Dichlorobenzene	13.867	146	407669	24.199	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.482	75	34636	23.093	ug/L	99
69) 1,3,5-Trichlorobenzene	14.623	180	297370	23.289	ug/L	99
70) 1,2,4-trichlorobenzene	15.129	180	253058	23.903	ug/L	98
71) Naphthalene	15.360	128	527513	25.243	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	213828	22.487	ug/L	99

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

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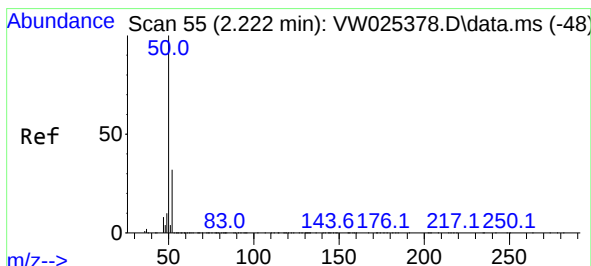
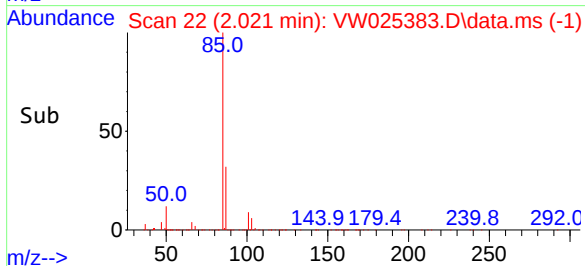
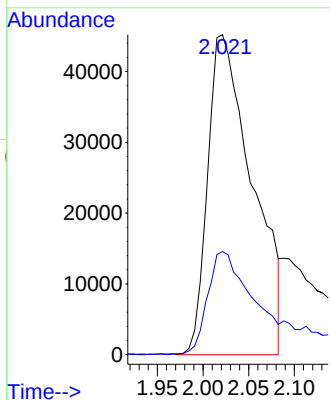
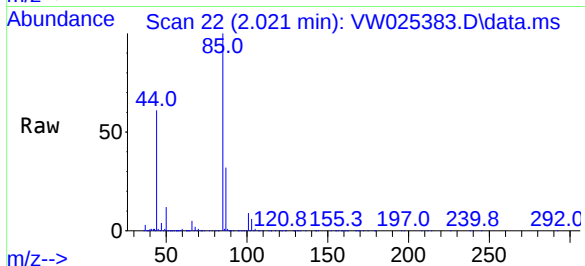




#2
Dichlorodifluoromethane
Concen: 19.678 ug/L
RT: 2.021 min Scan# 21
Delta R.T. 0.006 min
Lab File: VW025383.D
Acq: 08 Mar 2023 13:43

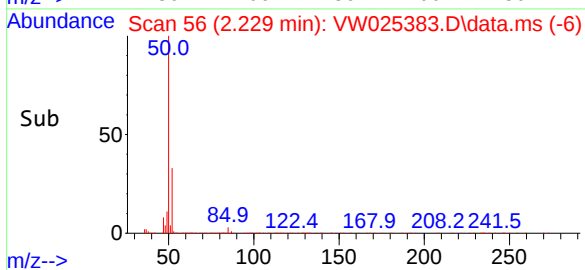
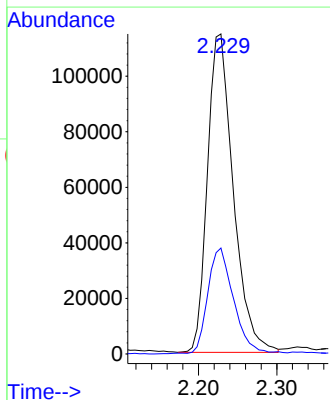
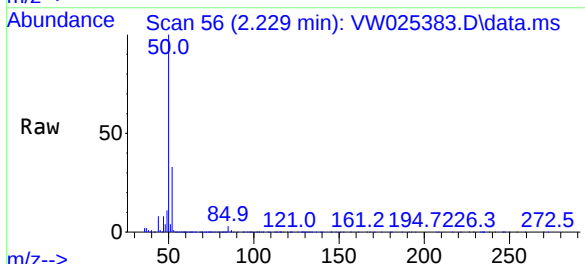
Instrument :
MSVOA_W
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VSTD025547

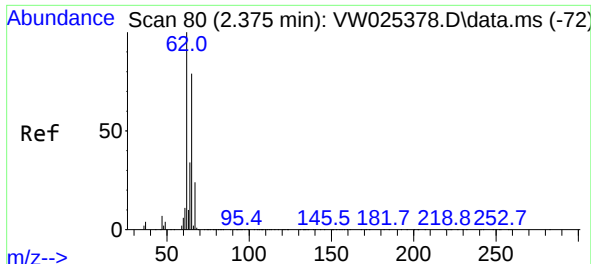
Tgt Ion: 85 Resp: 153877
Ion Ratio Lower Upper
85 100
87 32.4 20.5 30.7#



#3
Chloromethane
Concen: 28.306 ug/L
RT: 2.229 min Scan# 56
Delta R.T. 0.007 min
Lab File: VW025383.D
Acq: 08 Mar 2023 13:43

Tgt Ion: 50 Resp: 263255
Ion Ratio Lower Upper
50 100
52 33.1 21.9 40.7

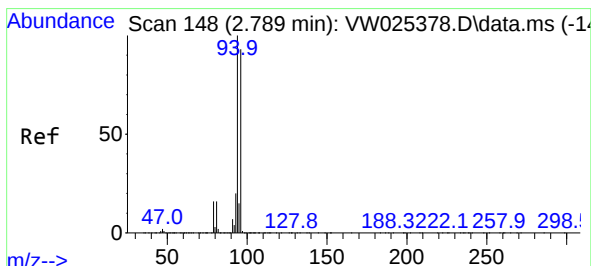
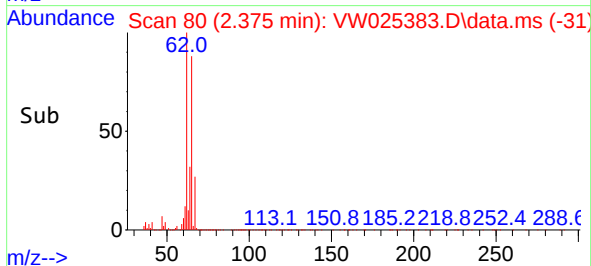
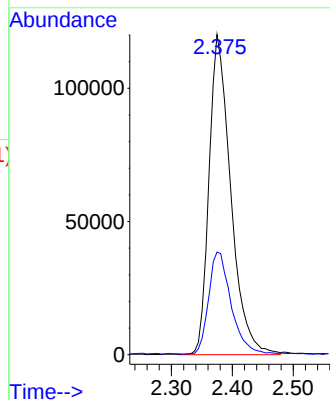
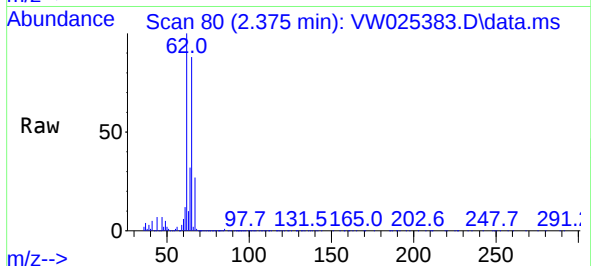




#5
 Vinyl chloride
 Concen: 28.315 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: VW025383.D
 Acq: 08 Mar 2023 13:43

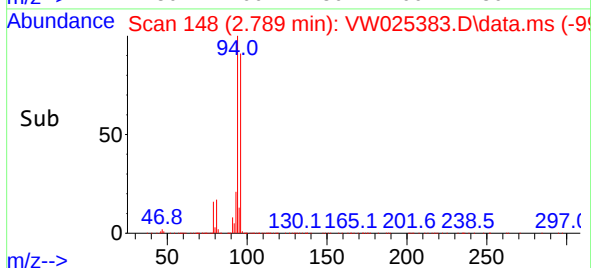
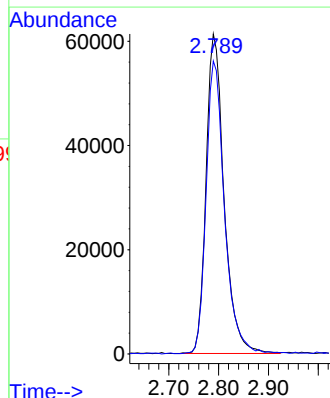
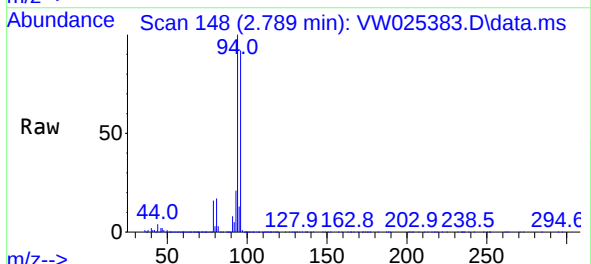
Instrument :
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 ClientSampleId :
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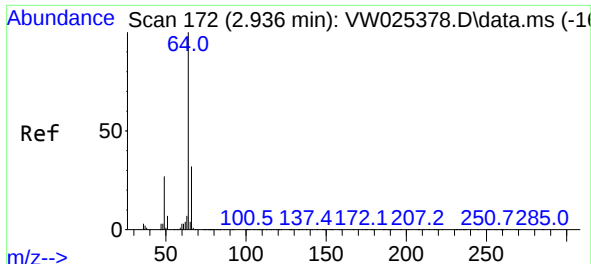
Tgt Ion: 62 Resp: 297510
 Ion Ratio Lower Upper
 62 100
 64 32.0 23.4 43.6



#6
 Bromomethane
 Concen: 27.435 ug/L
 RT: 2.789 min Scan# 148
 Delta R.T. 0.000 min
 Lab File: VW025383.D
 Acq: 08 Mar 2023 13:43

Tgt Ion: 94 Resp: 153686
 Ion Ratio Lower Upper
 94 100
 96 91.6 64.5 119.9

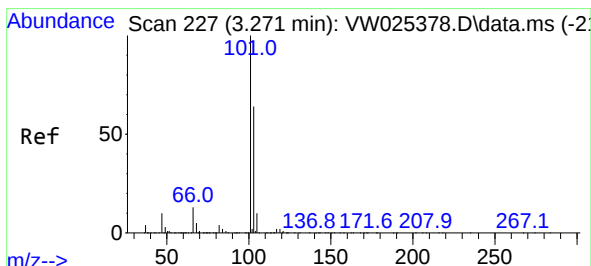
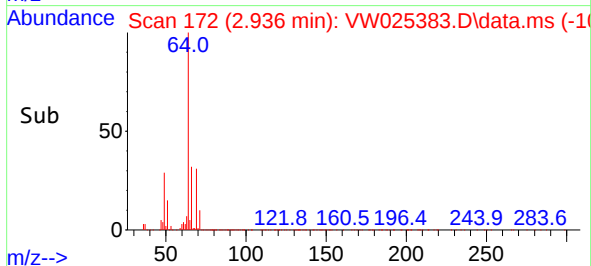
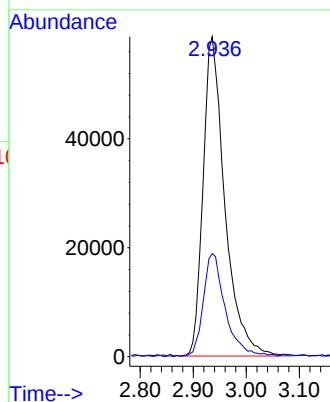
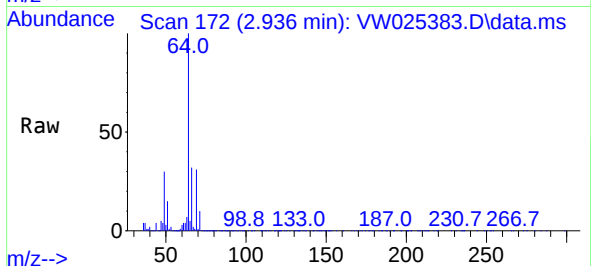




#8
Chloroethane
Concen: 27.645 ug/L
RT: 2.936 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW025383.D
Acq: 08 Mar 2023 13:43

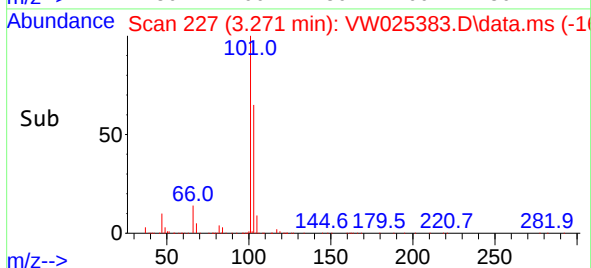
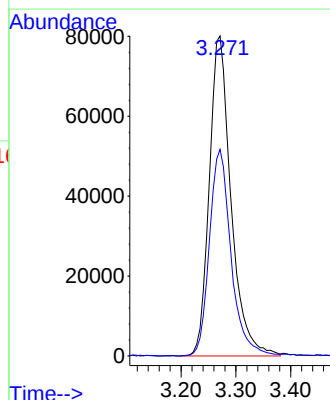
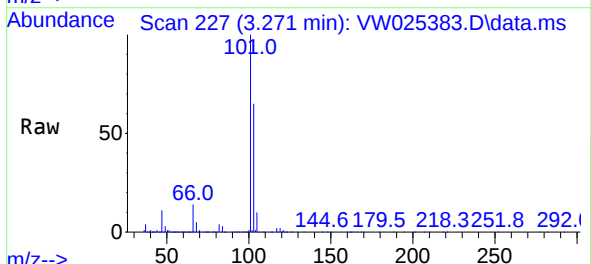
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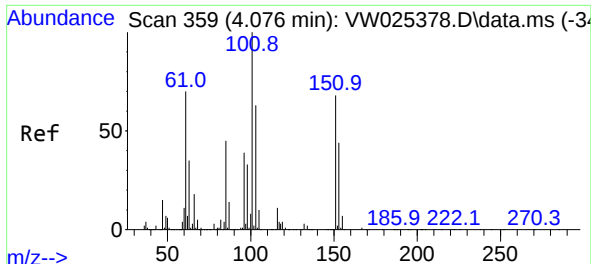
Tgt Ion: 64 Resp: 166951
Ion Ratio Lower Upper
64 100
66 32.2 23.3 43.3



#9
Trichlorofluoromethane
Concen: 24.204 ug/L
RT: 3.271 min Scan# 227
Delta R.T. 0.000 min
Lab File: VW025383.D
Acq: 08 Mar 2023 13:43

Tgt Ion: 101 Resp: 220120
Ion Ratio Lower Upper
101 100
103 64.3 51.5 77.3

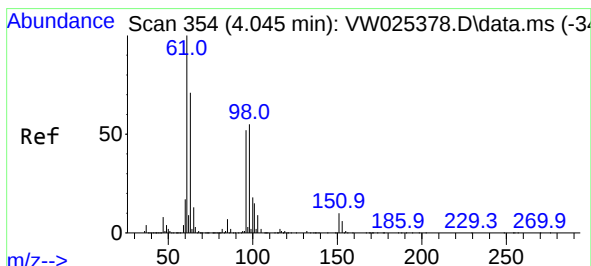
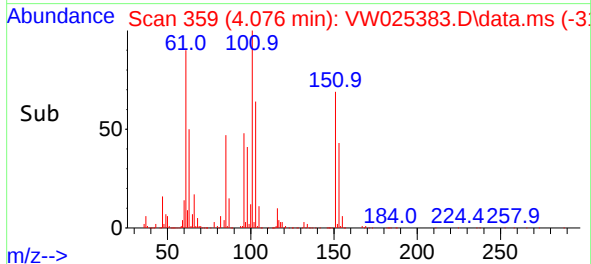
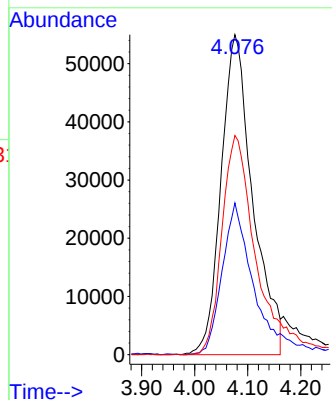
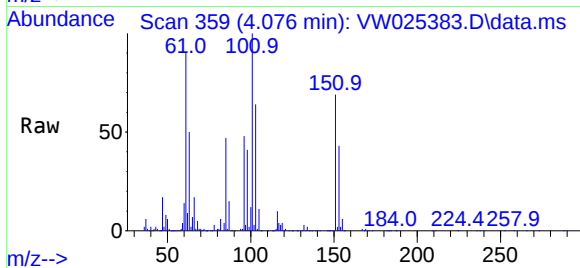




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 25.883 ug/L
RT: 4.076 min Scan# 310
Delta R.T. -0.000 min
Lab File: VW025383.D
Acq: 08 Mar 2023 13:43

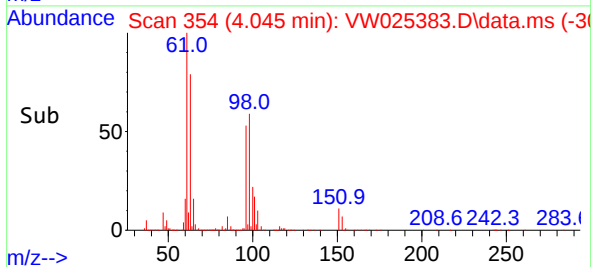
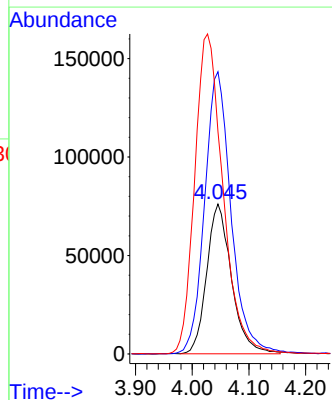
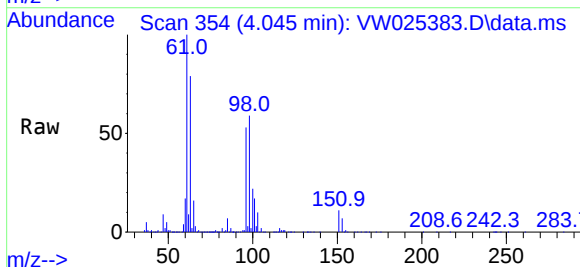
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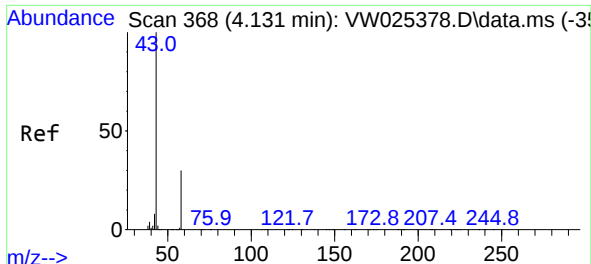
Tgt Ion:101 Resp: 228275
Ion Ratio Lower Upper
101 100
85 44.2 35.8 53.8
151 71.0 54.2 81.2



#12
1,1-Dichloroethene
Concen: 27.004 ug/L
RT: 4.045 min Scan# 354
Delta R.T. -0.006 min
Lab File: VW025383.D
Acq: 08 Mar 2023 13:43

Tgt Ion: 96 Resp: 230425
Ion Ratio Lower Upper
96 100
61 188.2 130.7 242.7
63 148.3 88.3 164.1

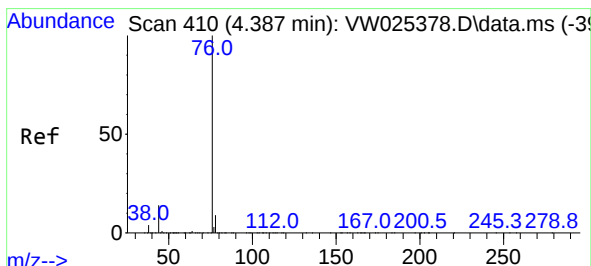
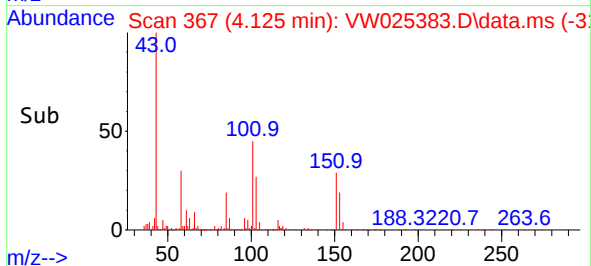
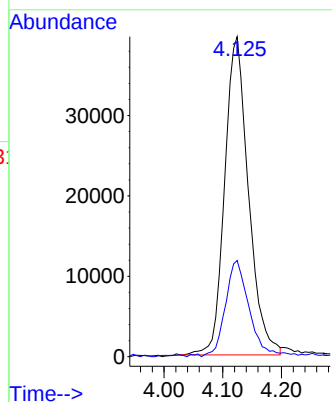
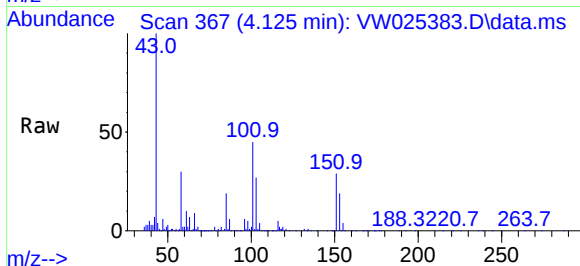




#13
Acetone
Concen: 41.512 ug/L
RT: 4.125 min Scan# 367
Delta R.T. 0.007 min
Lab File: VW025383.D
Acq: 08 Mar 2023 13:43

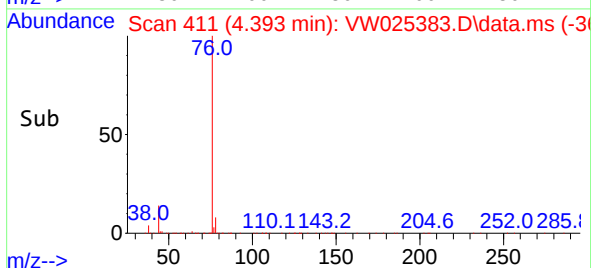
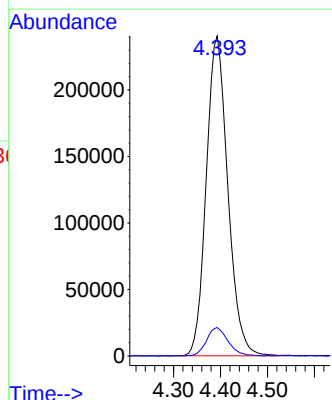
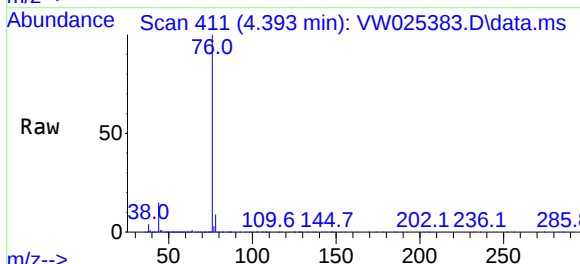
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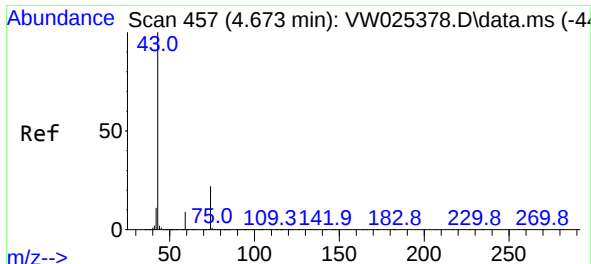
Tgt Ion: 43 Resp: 111441
Ion Ratio Lower Upper
43 100
58 29.8 0.0 60.0



#14
Carbon disulfide
Concen: 28.855 ug/L
RT: 4.393 min Scan# 411
Delta R.T. -0.000 min
Lab File: VW025383.D
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Tgt Ion: 76 Resp: 765526
Ion Ratio Lower Upper
76 100
78 8.9 7.6 11.4

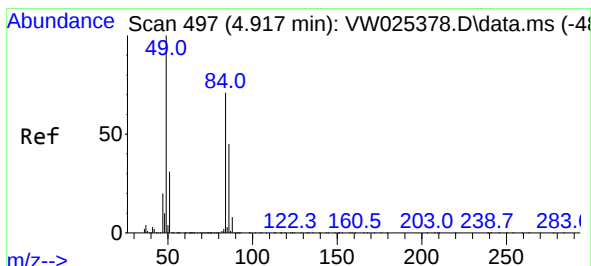
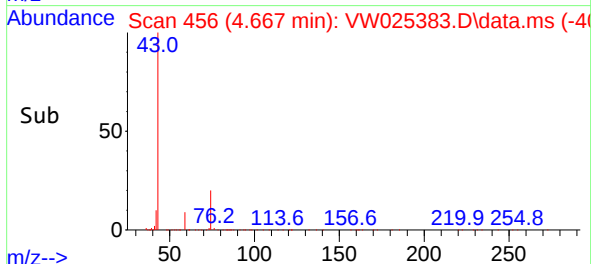
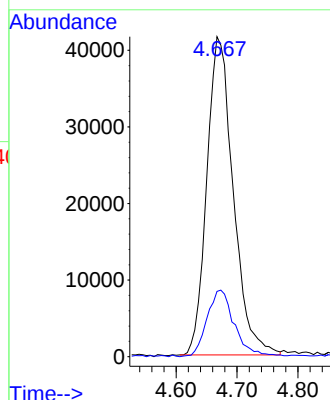
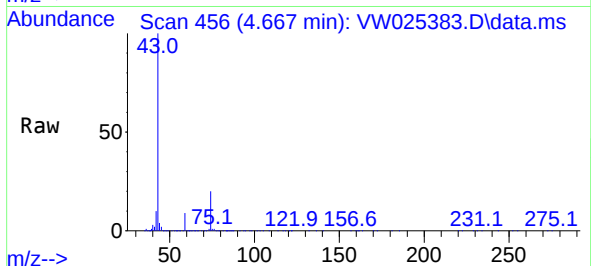




#15
Methyl Acetate
Concen: 24.895 ug/L
RT: 4.667 min Scan# 41
Delta R.T. 0.000 min
Lab File: VW025383.D
Acq: 08 Mar 2023 13:43

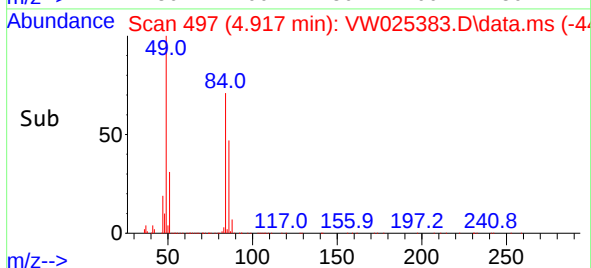
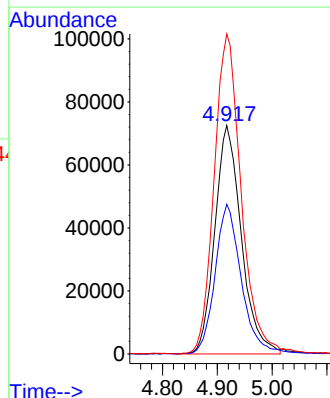
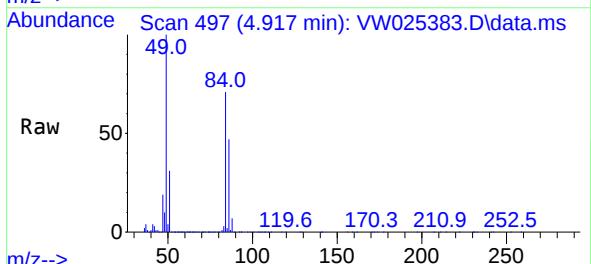
Instrument :
MSVOA_W
ClientSampleId :
VSTD025547

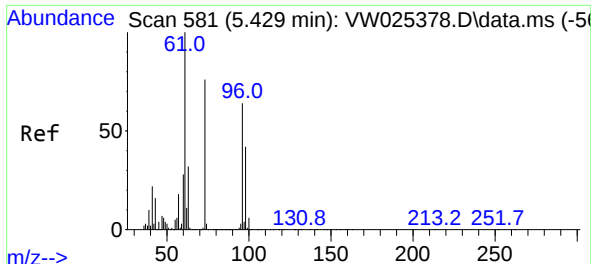
Tgt Ion: 43 Resp: 125377
Ion Ratio Lower Upper
43 100
74 21.7 17.0 25.4



#16
Methylene chloride
Concen: 25.584 ug/L
RT: 4.917 min Scan# 497
Delta R.T. -0.006 min
Lab File: VW025383.D
Acq: 08 Mar 2023 13:43

Tgt Ion: 84 Resp: 243768
Ion Ratio Lower Upper
84 100
86 65.5 45.1 83.7
49 140.1 94.7 175.9

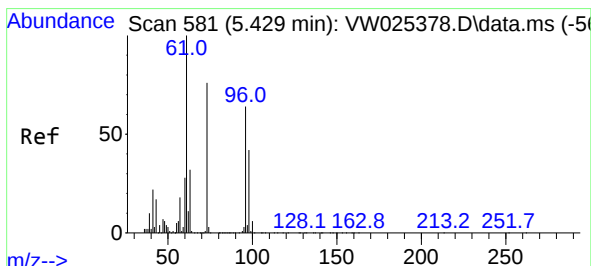
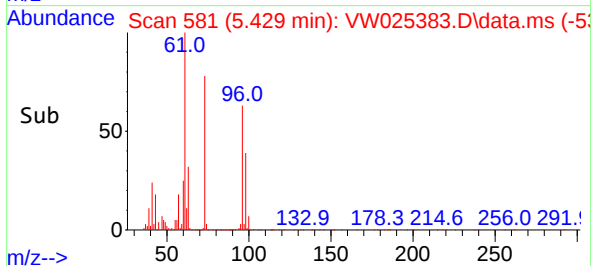
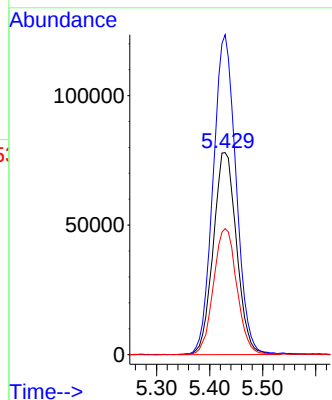
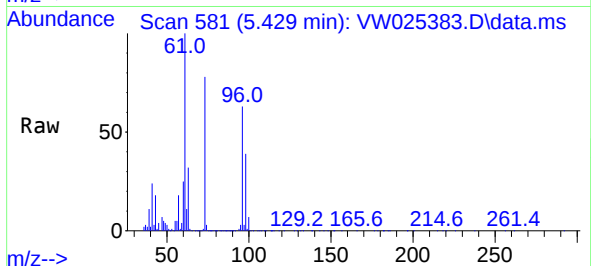




#17
trans-1,2-Dichloroethene
Concen: 26.651 ug/L
RT: 5.429 min Scan# 581
Delta R.T. 0.000 min
Lab File: VW025383.D
Acq: 08 Mar 2023 13:43

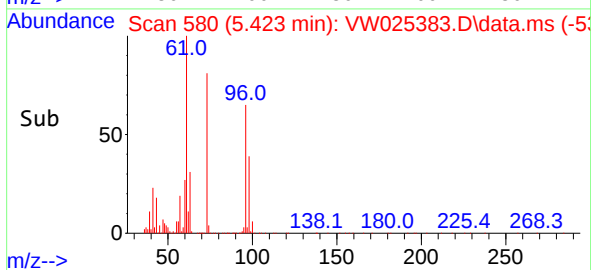
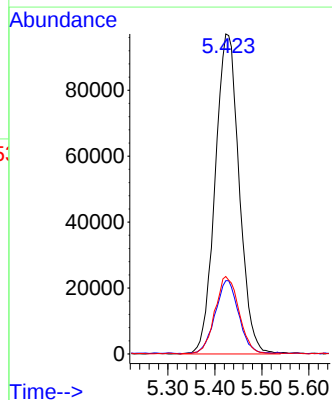
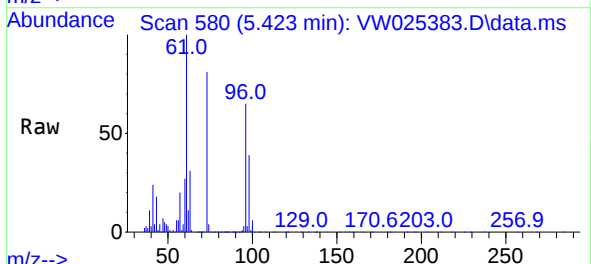
Instrument :
MSVOA_W
ClientSampleId :
VSTD025547

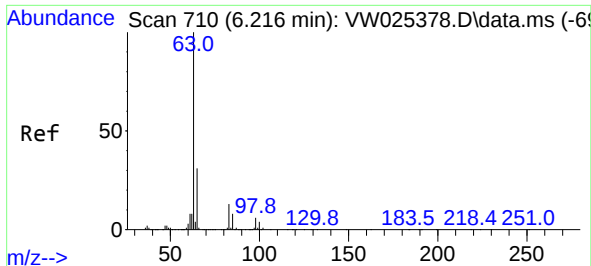
Tgt Ion: 96 Resp: 238394
Ion Ratio Lower Upper
96 100
61 158.3 103.0 191.4
98 62.3 43.4 80.6



#18
Methyl tert-butyl Ether
Concen: 25.593 ug/L
RT: 5.423 min Scan# 580
Delta R.T. -0.006 min
Lab File: VW025383.D
Acq: 08 Mar 2023 13:43

Tgt Ion: 73 Resp: 344644
Ion Ratio Lower Upper
73 100
43 22.5 17.6 26.4
57 24.1 18.6 28.0





#19

1,1-Dichloroethane

Concen: 25.857 ug/L

RT: 6.216 min Scan# 710

Delta R.T. -0.006 min

Lab File: VW025383.D

Acq: 08 Mar 2023 13:43

Instrument :

MSVOA_W

ClientSampleId :

VSTD025547

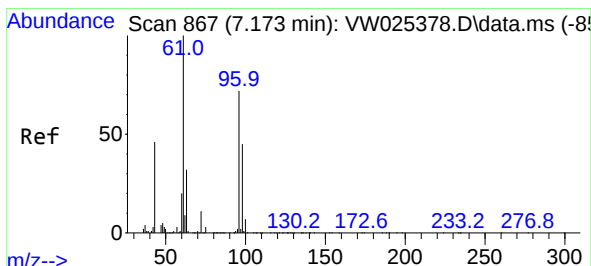
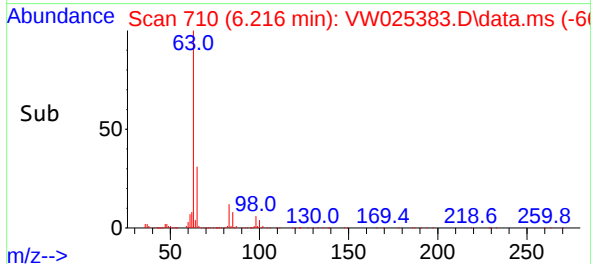
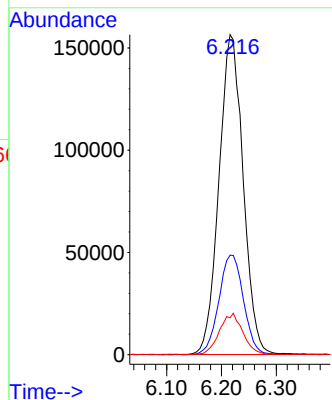
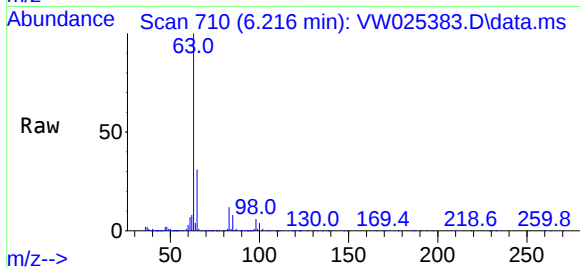
Tgt Ion: 63 Resp: 478952

Ion Ratio Lower Upper

63 100

65 31.1 21.7 40.3

83 11.6 8.4 15.6



#20

cis-1,2-Dichloroethene

Concen: 25.724 ug/L

RT: 7.173 min Scan# 867

Delta R.T. 0.006 min

Lab File: VW025383.D

Acq: 08 Mar 2023 13:43

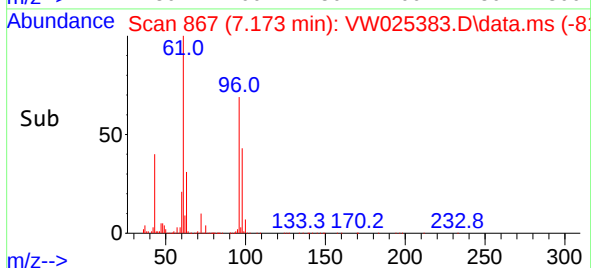
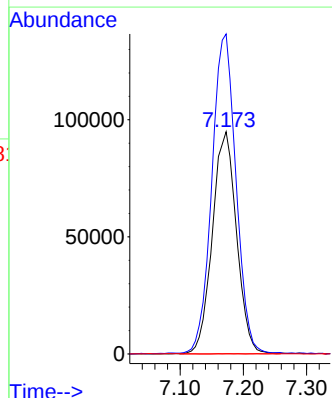
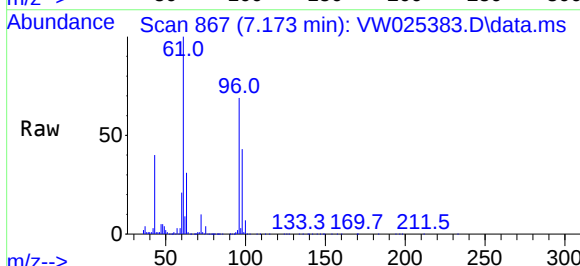
Tgt Ion: 96 Resp: 251930

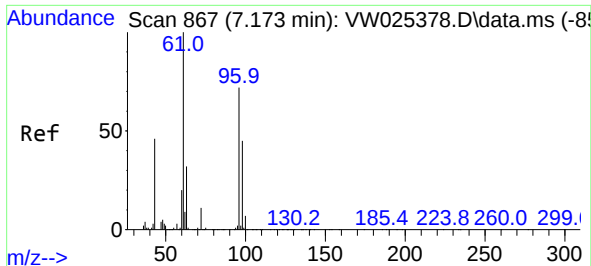
Ion Ratio Lower Upper

96 100

61 143.9 95.5 177.4

68 0.2 0.1 0.1#

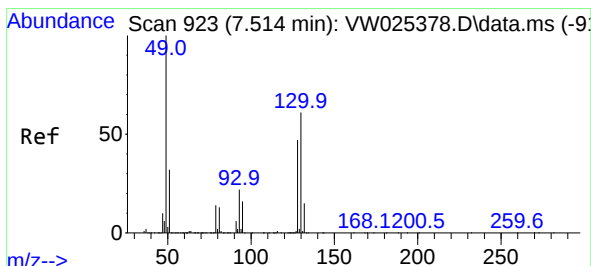
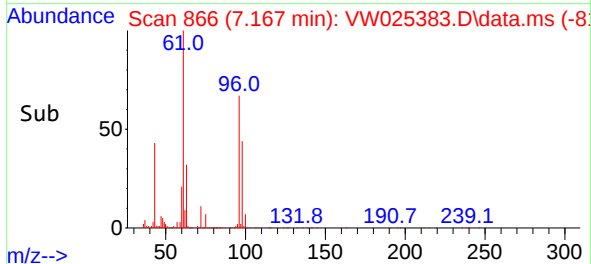
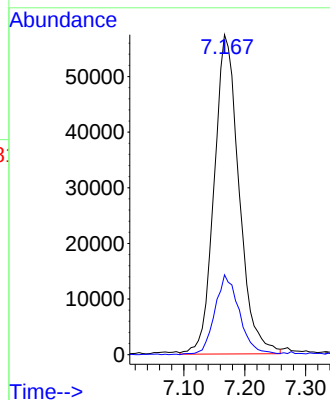
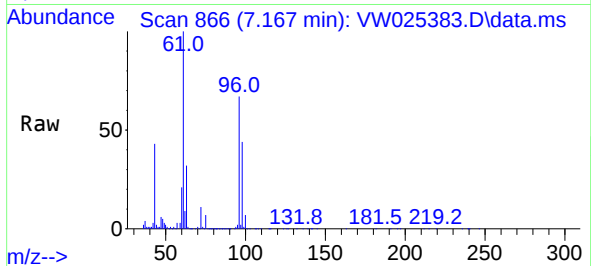




#22
2-Butanone
Concen: 46.992 ug/L
RT: 7.167 min Scan# 866
Delta R.T. -0.000 min
Lab File: VW025383.D
Acq: 08 Mar 2023 13:43

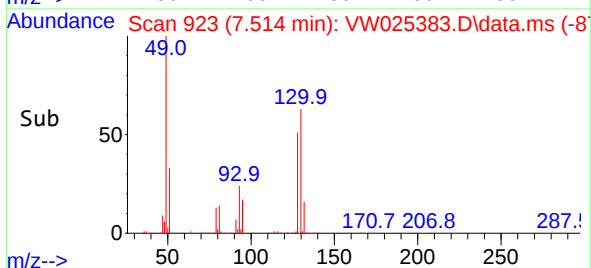
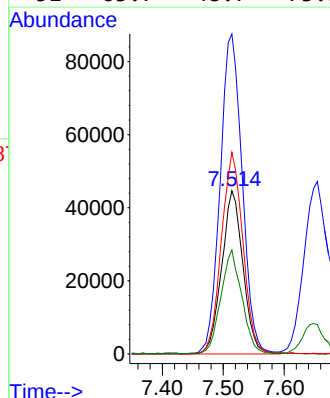
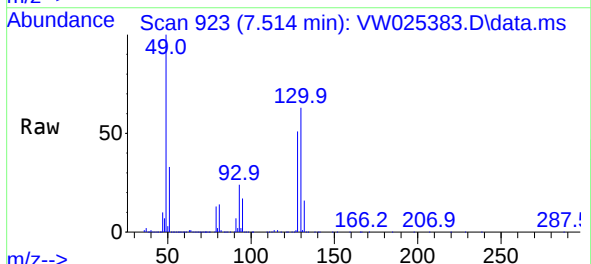
Instrument :
MSVOA_W
ClientSampleId :
VSTD025547

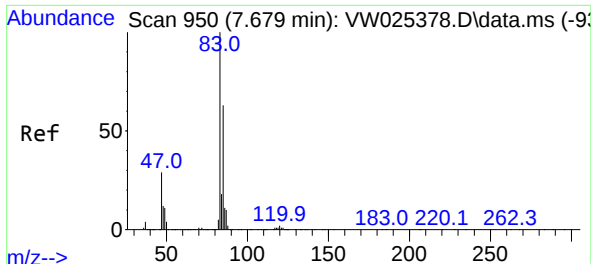
Tgt Ion: 43 Resp: 163192
Ion Ratio Lower Upper
43 100
72 24.6 12.0 36.1



#23
Bromochloromethane
Concen: 25.693 ug/L
RT: 7.514 min Scan# 923
Delta R.T. 0.000 min
Lab File: VW025383.D
Acq: 08 Mar 2023 13:43

Tgt Ion: 128 Resp: 108208
Ion Ratio Lower Upper
128 100
49 196.0 140.6 261.0
130 123.5 80.8 150.0
51 63.7 48.7 73.1

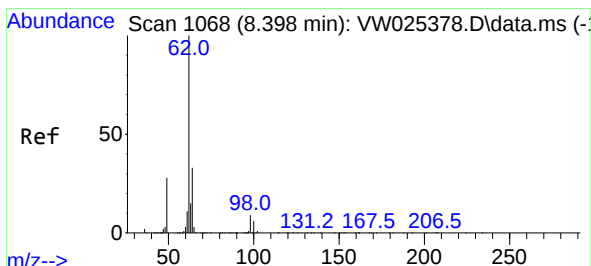
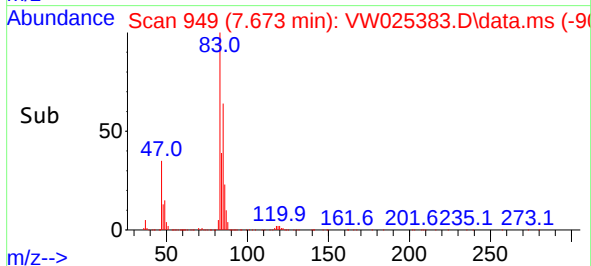
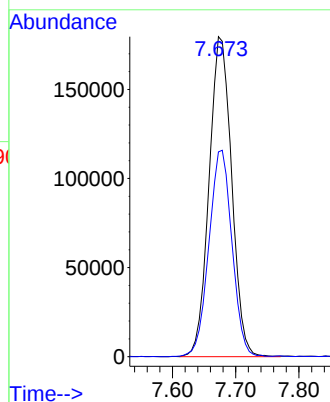
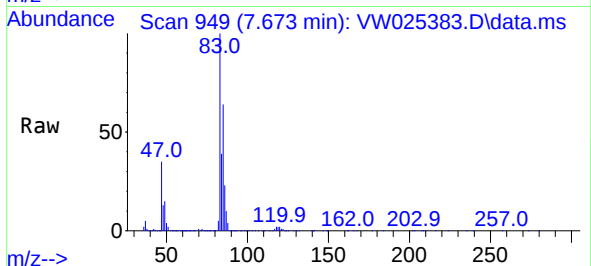




#25
Chloroform
Concen: 25.573 ug/L
RT: 7.673 min Scan# 949
Delta R.T. -0.006 min
Lab File: VW025383.D
Acq: 08 Mar 2023 13:43

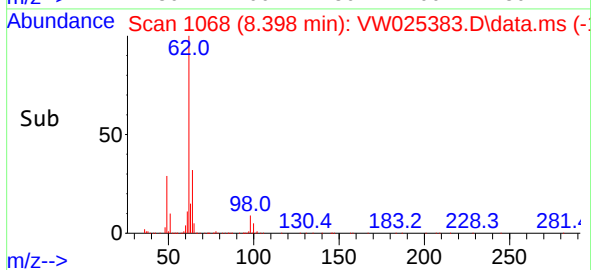
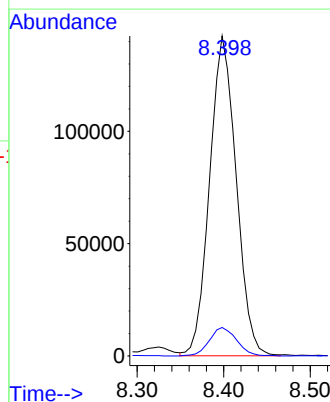
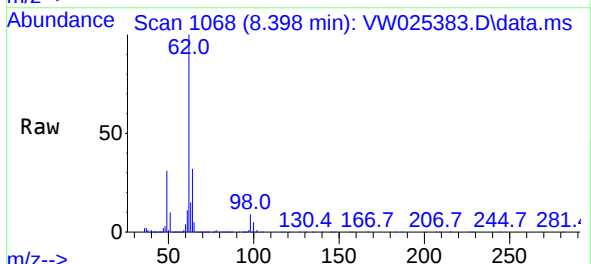
Instrument :
MSVOA_W
ClientSampleId :
VSTD025547

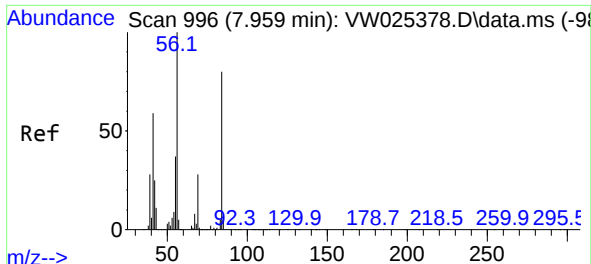
Tgt Ion: 83 Resp: 445307
Ion Ratio Lower Upper
83 100
85 64.0 44.7 82.9



#27
1,2-Dichloroethane
Concen: 26.145 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. 0.000 min
Lab File: VW025383.D
Acq: 08 Mar 2023 13:43

Tgt Ion: 62 Resp: 303826
Ion Ratio Lower Upper
62 100
98 8.9 7.2 10.8

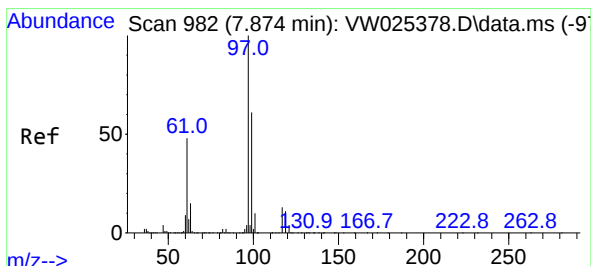
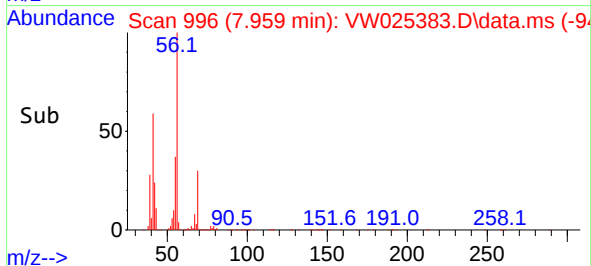
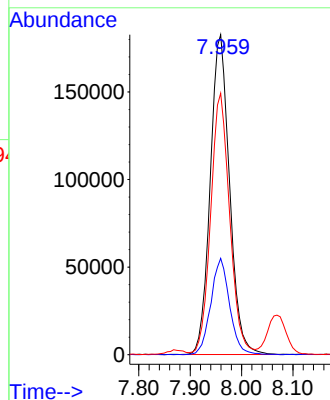
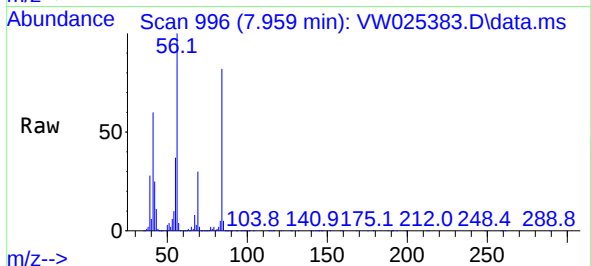




#29
Cyclohexane
Concen: 27.895 ug/L
RT: 7.959 min Scan# 996
Delta R.T. 0.000 min
Lab File: VW025383.D
Acq: 08 Mar 2023 13:43

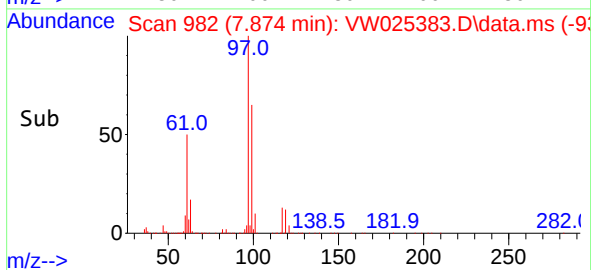
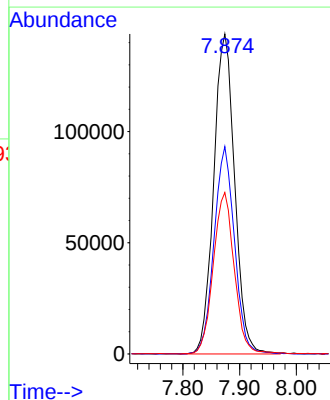
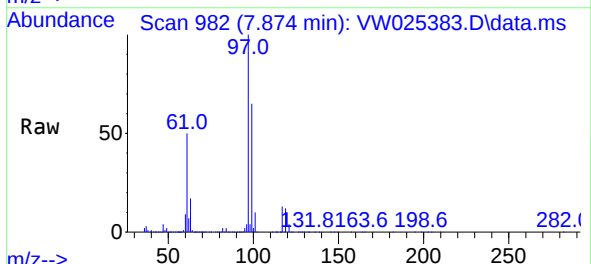
Instrument :
MSVOA_W
ClientSampleId :
VSTD025547

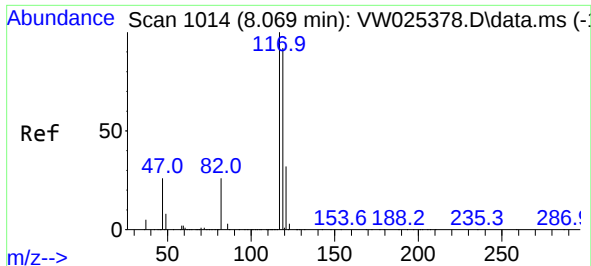
Tgt Ion: 56 Resp: 476428
Ion Ratio Lower Upper
56 100
69 29.4 23.1 34.7
84 80.4 63.9 95.9



#30
1,1,1-Trichloroethane
Concen: 25.664 ug/L
RT: 7.874 min Scan# 982
Delta R.T. -0.000 min
Lab File: VW025383.D
Acq: 08 Mar 2023 13:43

Tgt Ion: 97 Resp: 369138
Ion Ratio Lower Upper
97 100
99 63.3 50.9 76.3
61 50.6 39.8 59.6

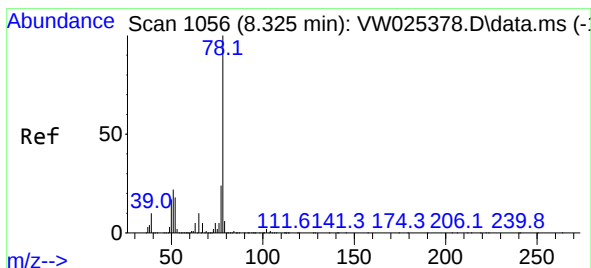
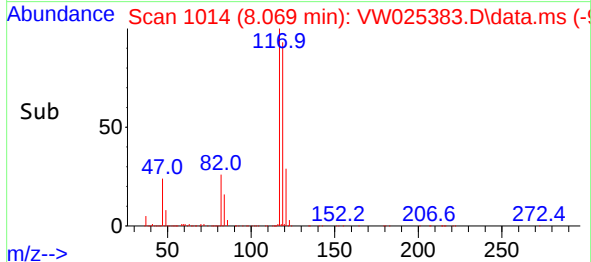
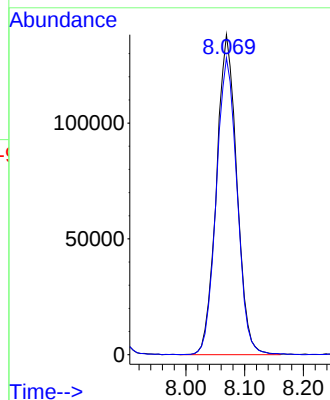
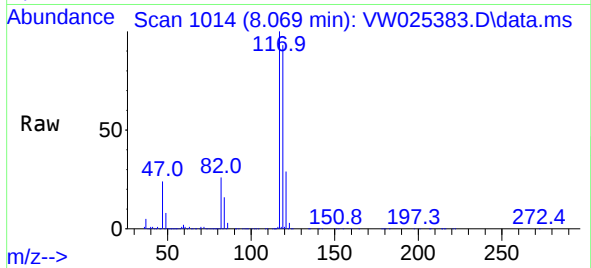




#31
Carbon tetrachloride
Concen: 25.851 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. -0.000 min
Lab File: VW025383.D
Acq: 08 Mar 2023 13:43

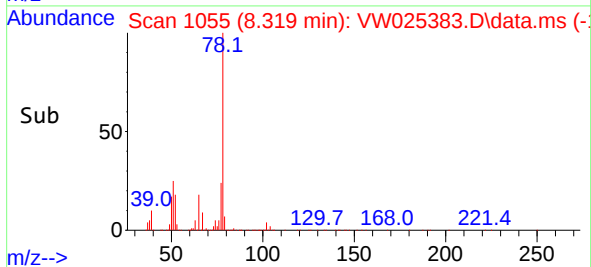
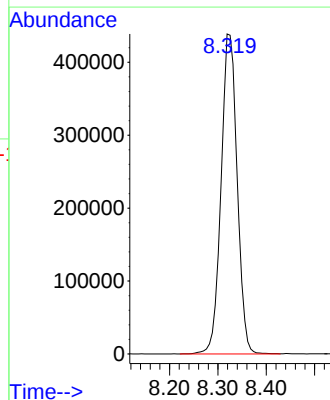
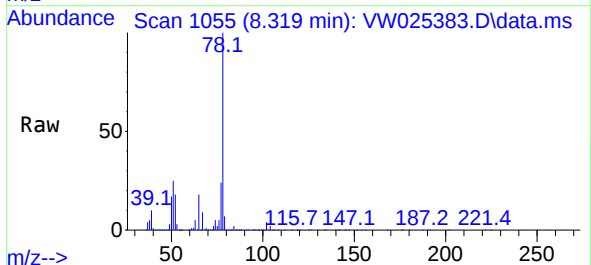
Instrument : MSVOA_W
ClientSampleId : VSTD025547

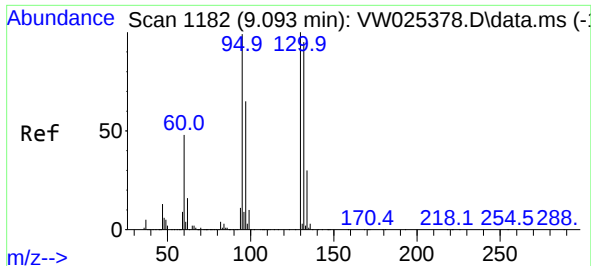
Tgt Ion:117 Resp: 333299
Ion Ratio Lower Upper
117 100
119 94.2 75.8 113.6



#33
Benzene
Concen: 26.243 ug/L
RT: 8.319 min Scan# 1055
Delta R.T. -0.006 min
Lab File: VW025383.D
Acq: 08 Mar 2023 13:43

Tgt Ion: 78 Resp: 1015229



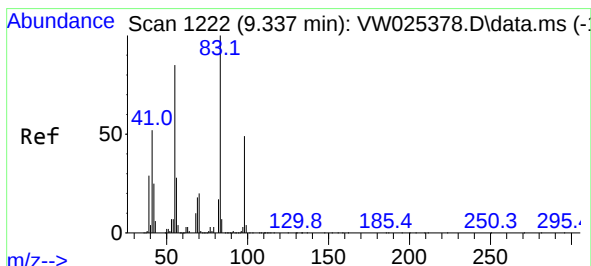
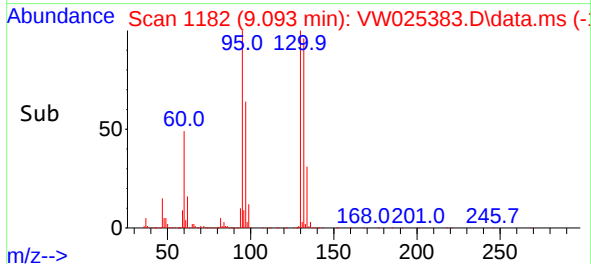
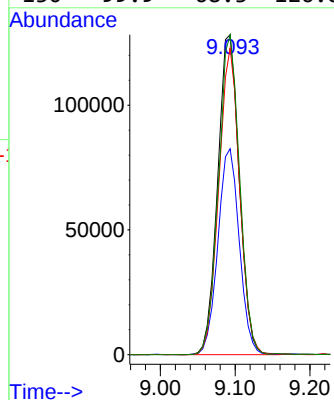
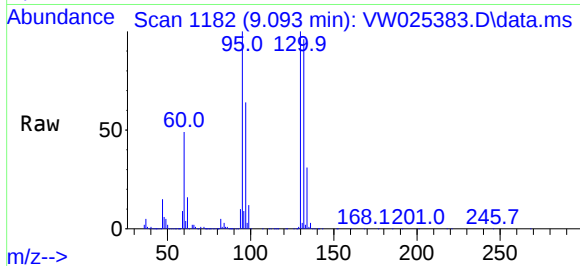


#34
Trichloroethene
Concen: 25.363 ug/L
RT: 9.093 min Scan# 1182
Delta R.T. 0.000 min
Lab File: VW025383.D
Acq: 08 Mar 2023 13:43

Instrument :
MSVOA_W
ClientSampleId :
VSTD025547

Tgt Ion: 95 Resp: 257524

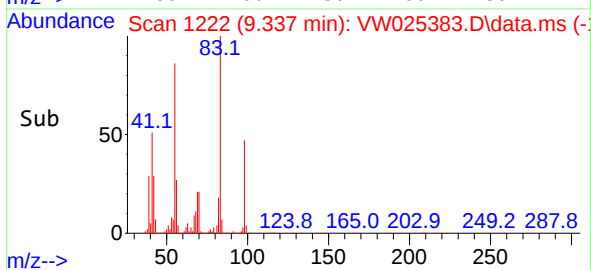
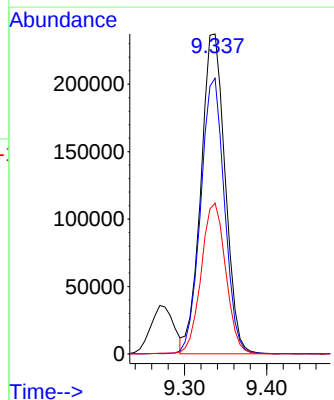
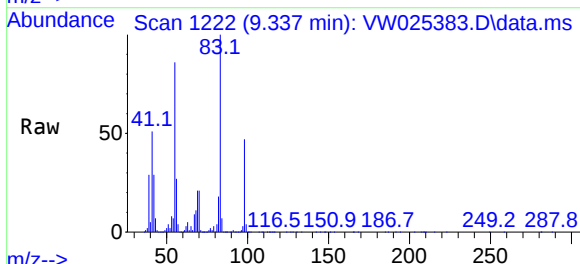
Ion	Ratio	Lower	Upper
95	100		
97	64.3	43.8	81.4
132	95.8	65.9	122.3
130	99.9	68.3	126.8

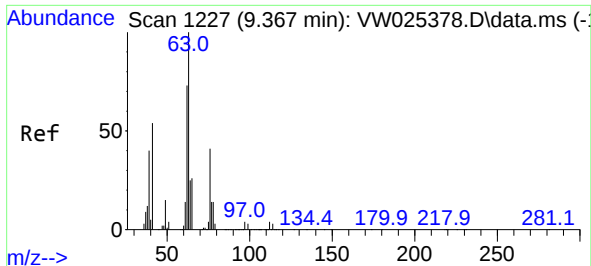


#35
Methylcyclohexane
Concen: 27.789 ug/L
RT: 9.337 min Scan# 1222
Delta R.T. 0.000 min
Lab File: VW025383.D
Acq: 08 Mar 2023 13:43

Tgt Ion: 83 Resp: 486044

Ion	Ratio	Lower	Upper
83	100		
55	84.7	68.2	102.4
98	47.8	39.0	58.4





#37

1,2-Dichloropropane

Concen: 25.297 ug/L

RT: 9.367 min Scan# 1227

Delta R.T. 0.000 min

Lab File: VW025383.D

Acq: 08 Mar 2023 13:43

Instrument :

MSVOA_W

ClientSampleId :

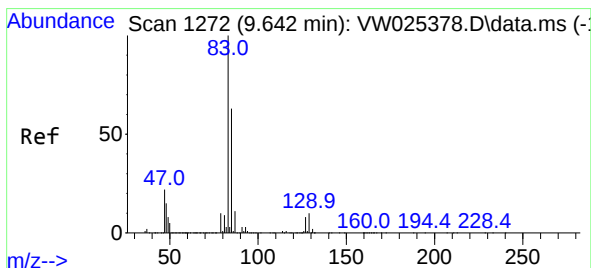
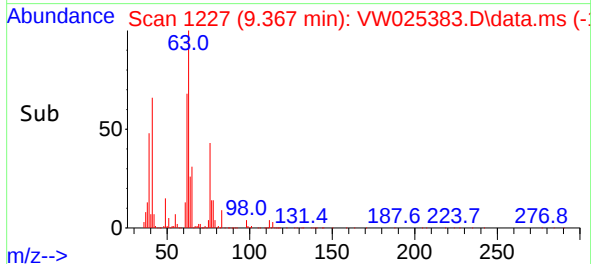
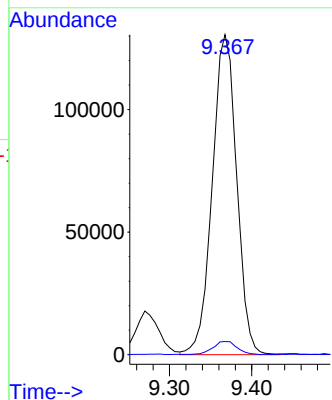
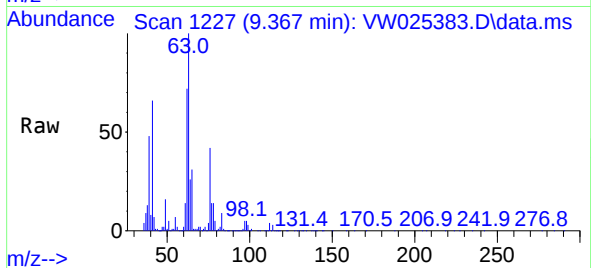
VSTD025547

Tgt Ion: 63 Resp: 269376

Ion Ratio Lower Upper

63 100

112 4.1 3.2 4.8



#38

Bromodichloromethane

Concen: 24.713 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. -0.000 min

Lab File: VW025383.D

Acq: 08 Mar 2023 13:43

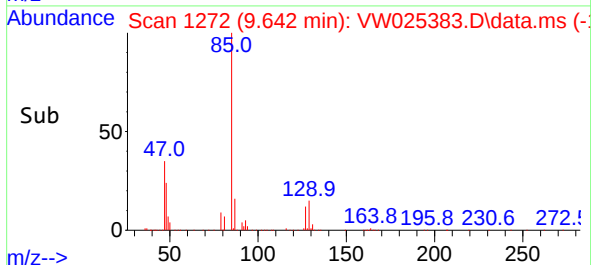
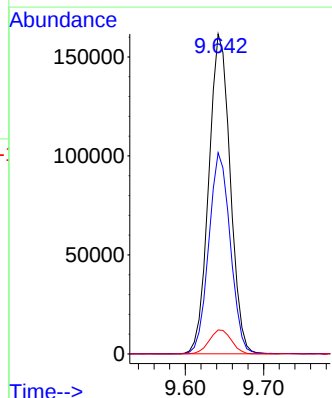
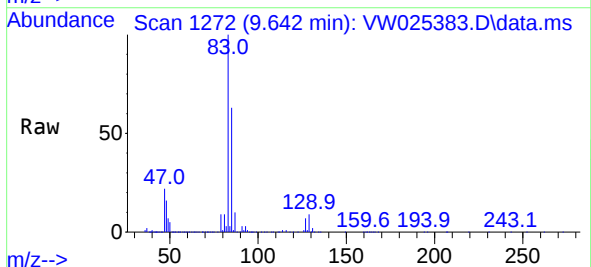
Tgt Ion: 83 Resp: 306901

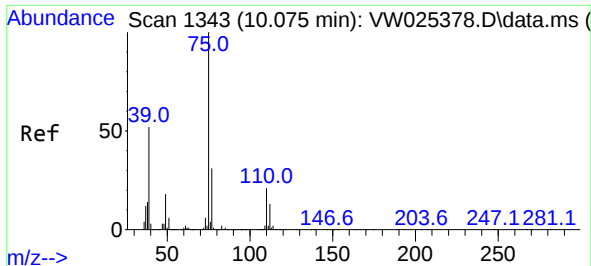
Ion Ratio Lower Upper

83 100

85 62.9 44.7 83.1

127 7.5 6.1 9.1

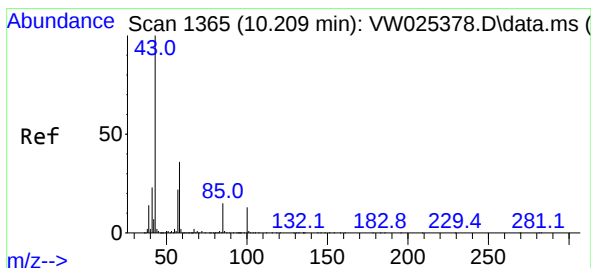
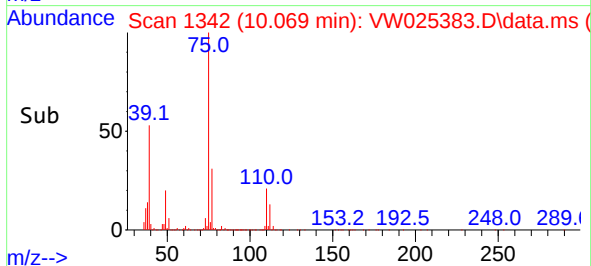
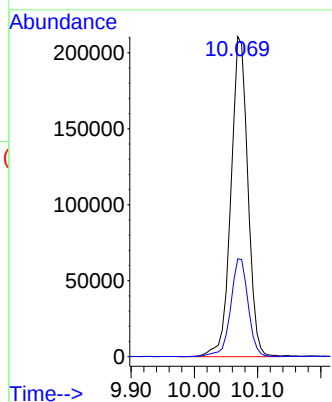
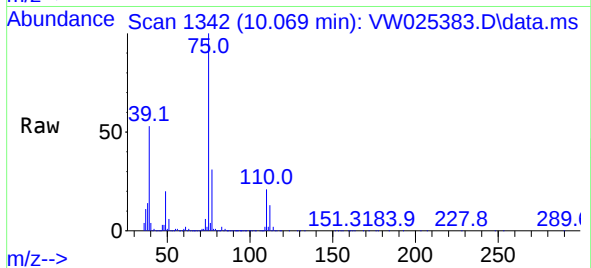




#39
cis-1,3-Dichloropropene
Concen: 25.428 ug/L
RT: 10.069 min Scan# 1342
Delta R.T. -0.006 min
Lab File: VW025383.D
Acq: 08 Mar 2023 13:43

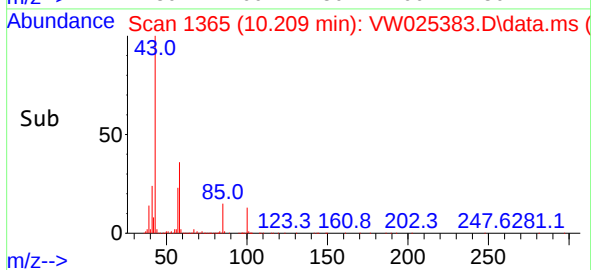
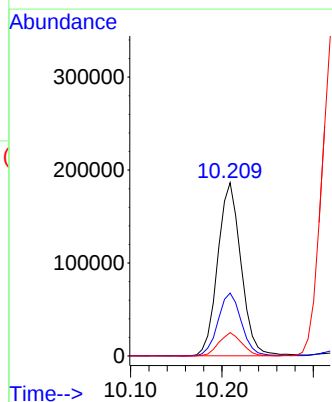
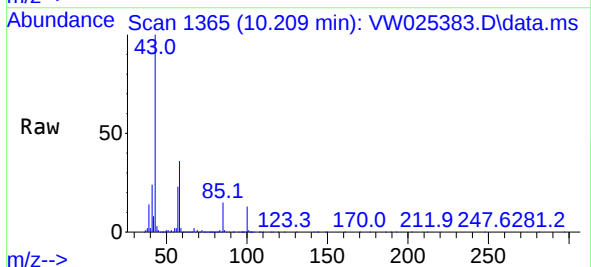
Instrument :
MSVOA_W
ClientSampleId :
VSTD025547

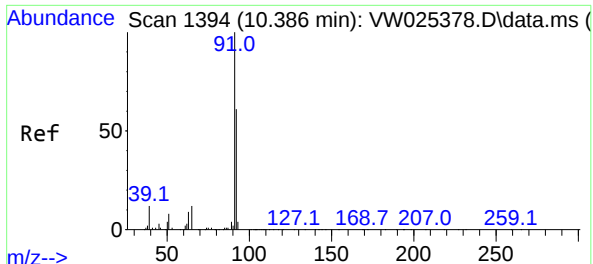
Tgt Ion: 75 Resp: 390079
Ion Ratio Lower Upper
75 100
77 30.6 22.0 41.0



#40
4-Methyl-2-pentanone
Concen: 51.448 ug/L
RT: 10.209 min Scan# 1365
Delta R.T. -0.000 min
Lab File: VW025383.D
Acq: 08 Mar 2023 13:43

Tgt Ion: 43 Resp: 329271
Ion Ratio Lower Upper
43 100
58 36.8 29.6 44.4
100 13.4 10.6 16.0

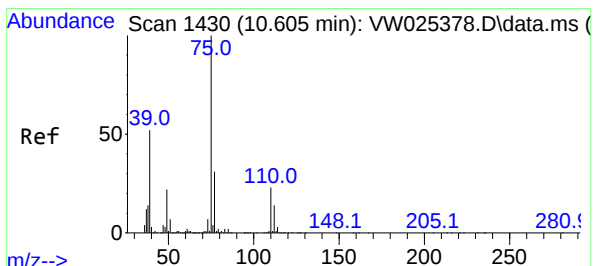
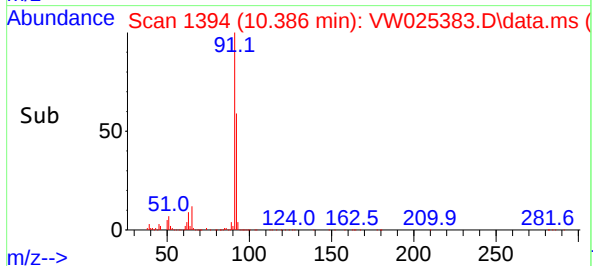
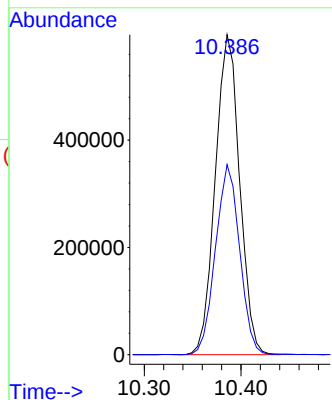
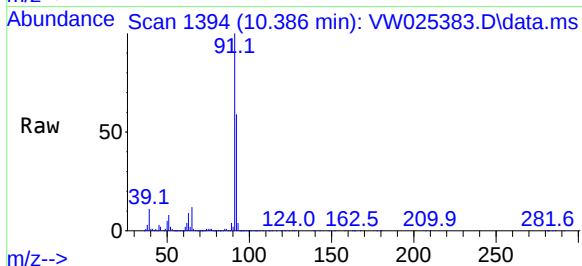




#42
Toluene
Concen: 26.060 ug/L
RT: 10.386 min Scan# 1394
Delta R.T. -0.000 min
Lab File: VW025383.D
Acq: 08 Mar 2023 13:43

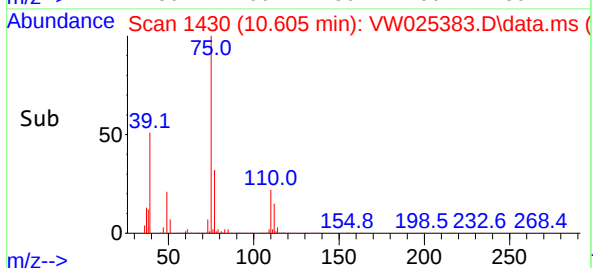
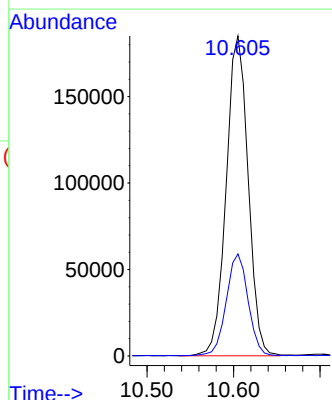
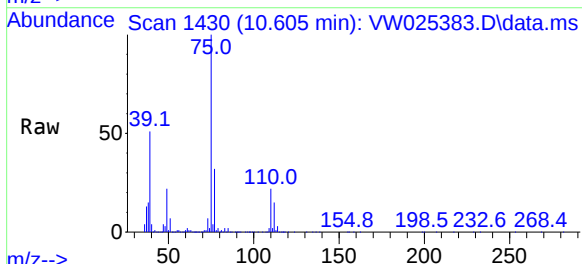
Instrument :
MSVOA_W
ClientSampleId :
VSTD025547

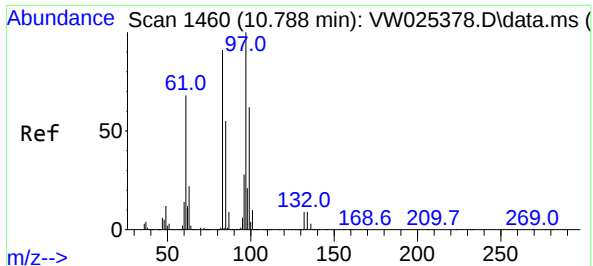
Tgt Ion: 91 Resp: 1040903
Ion Ratio Lower Upper
91 100
92 59.4 41.6 77.3



#44
trans-1,3-Dichloropropene
Concen: 25.339 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VW025383.D
Acq: 08 Mar 2023 13:43

Tgt Ion: 75 Resp: 325525
Ion Ratio Lower Upper
75 100
77 31.9 22.3 41.3



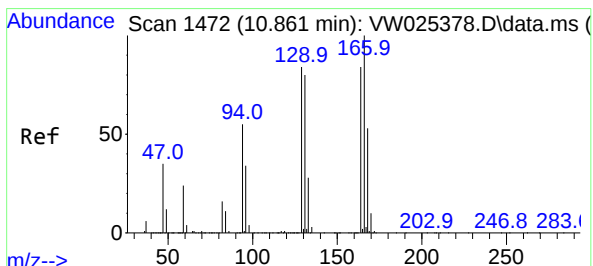
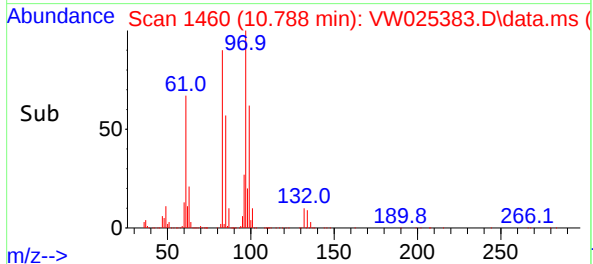
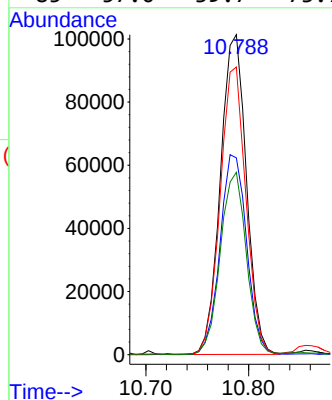
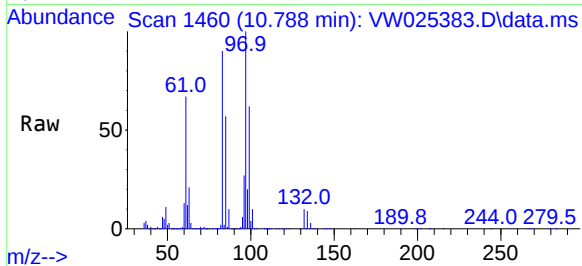


#45
1,1,2-Trichloroethane
Concen: 24.881 ug/L
RT: 10.788 min Scan# 1460
Delta R.T. 0.006 min
Lab File: VW025383.D
Acq: 08 Mar 2023 13:43

Instrument :
MSVOA_W
ClientSampleId :
VSTD025547

Tgt Ion: 97 Resp: 177930

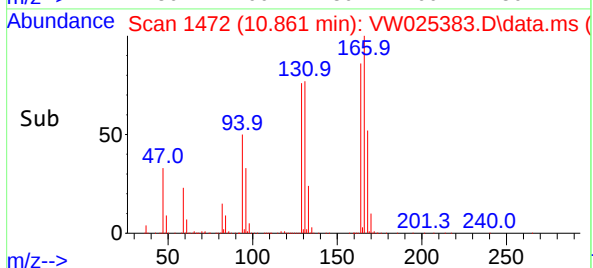
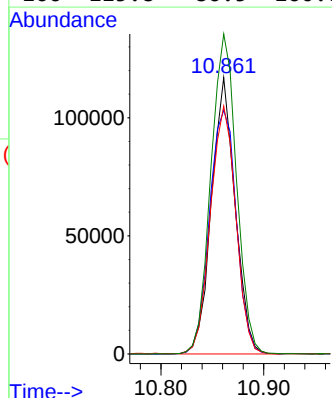
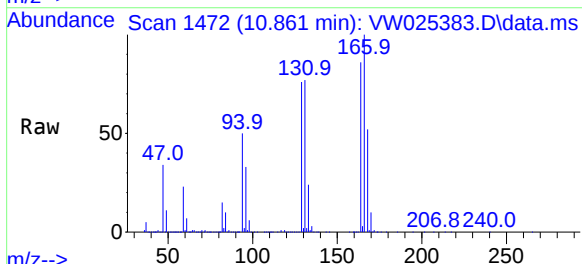
Ion	Ratio	Lower	Upper
97	100		
99	61.5	42.6	79.0
83	89.9	60.5	112.3
85	57.0	39.7	73.7

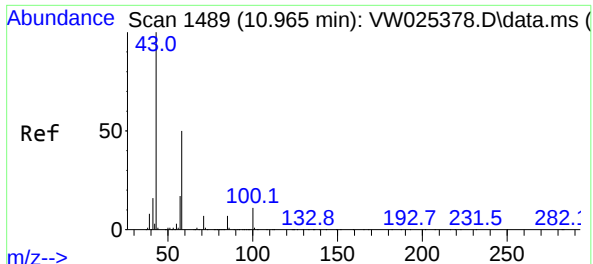


#46
Tetrachloroethene
Concen: 25.850 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VW025383.D
Acq: 08 Mar 2023 13:43

Tgt Ion: 164 Resp: 186750

Ion	Ratio	Lower	Upper
164	100		
129	88.2	67.7	125.7
131	89.7	67.0	124.4
166	115.8	86.5	160.7



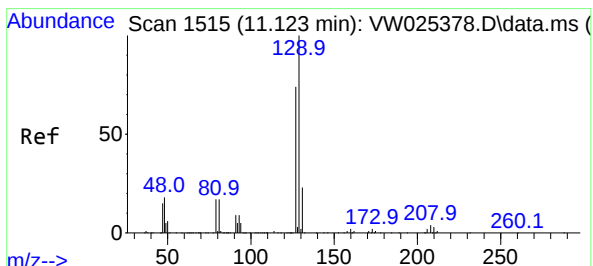
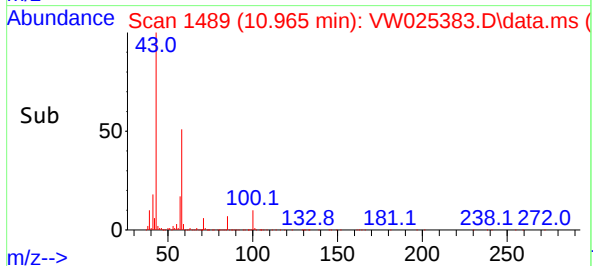
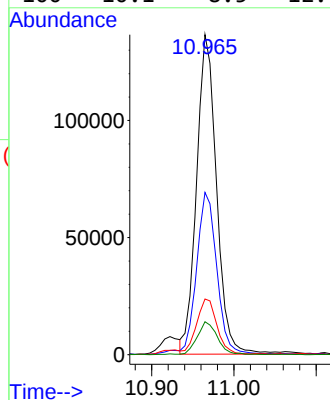
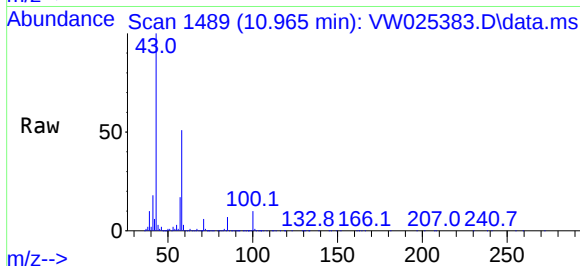


#48
2-Hexanone
Concen: 50.083 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VW025383.D
Acq: 08 Mar 2023 13:43

Instrument :
MSVOA_W
ClientSampleId :
VSTD025547

Tgt Ion: 43 Resp: 230614

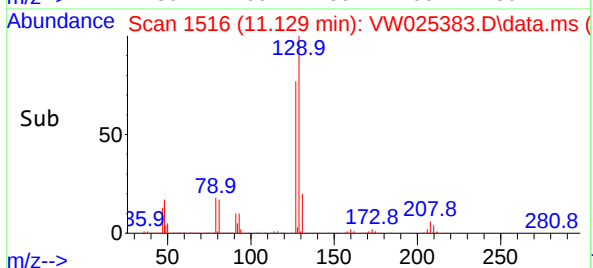
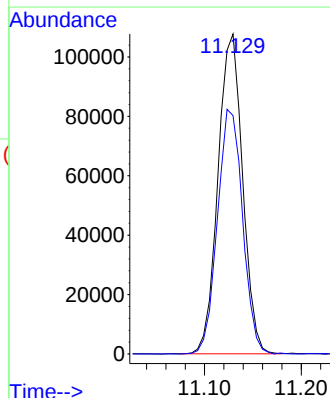
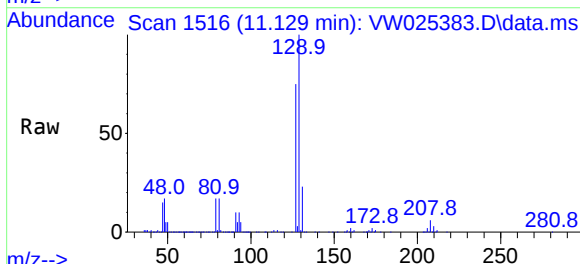
Ion	Ratio	Lower	Upper
43	100		
58	50.8	41.2	61.8
57	17.8	14.2	21.4
100	10.1	8.5	12.7

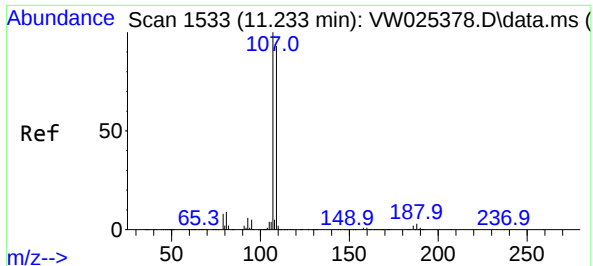


#49
Dibromochloromethane
Concen: 24.907 ug/L
RT: 11.129 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VW025383.D
Acq: 08 Mar 2023 13:43

Tgt Ion: 129 Resp: 190311

Ion	Ratio	Lower	Upper
129	100		
127	74.5	52.8	98.2





#50

1,2-Dibromoethane

Concen: 25.316 ug/L

RT: 11.233 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW025383.D

Acq: 08 Mar 2023 13:43

Instrument :

MSVOA_W

ClientSampleId :

VSTD025547

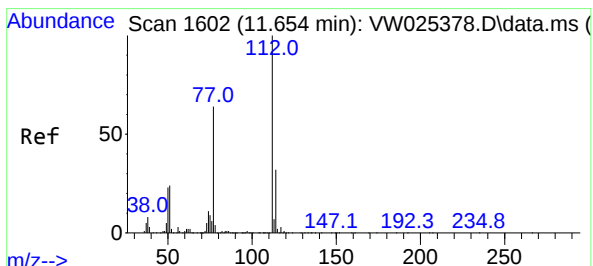
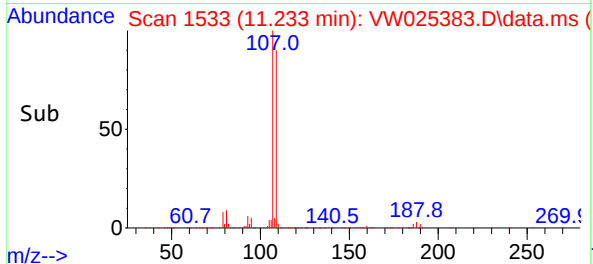
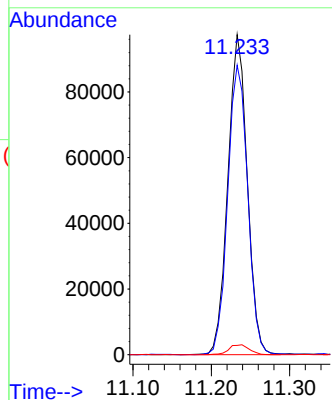
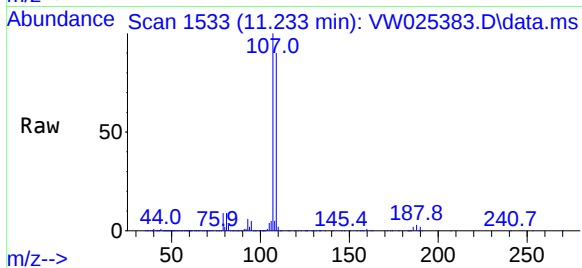
Tgt Ion:107 Resp: 167579

Ion Ratio Lower Upper

107 100

109 90.5 62.9 116.9

188 2.9 3.0 4.4#



#51

Chlorobenzene

Concen: 25.007 ug/L

RT: 11.654 min Scan# 1602

Delta R.T. -0.000 min

Lab File: VW025383.D

Acq: 08 Mar 2023 13:43

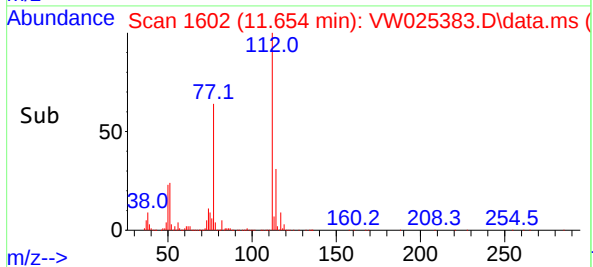
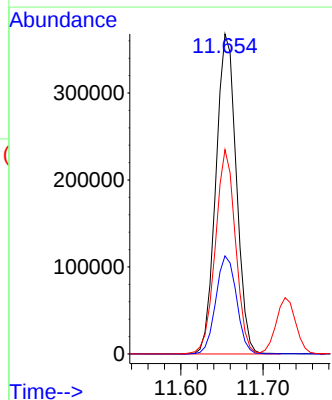
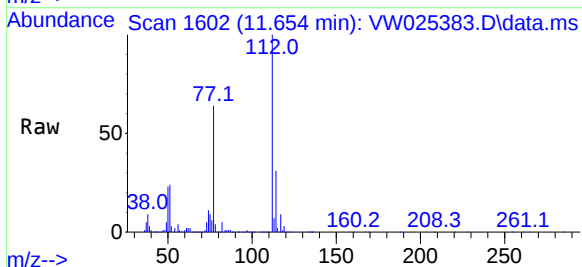
Tgt Ion:112 Resp: 633930

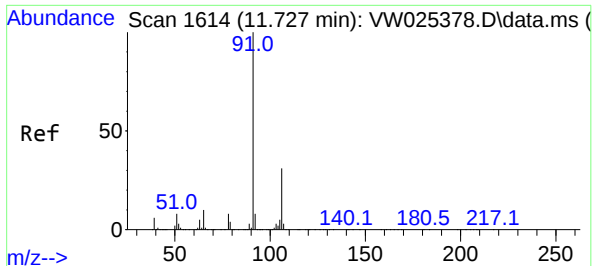
Ion Ratio Lower Upper

112 100

114 30.7 21.9 40.7

77 63.8 51.8 77.8

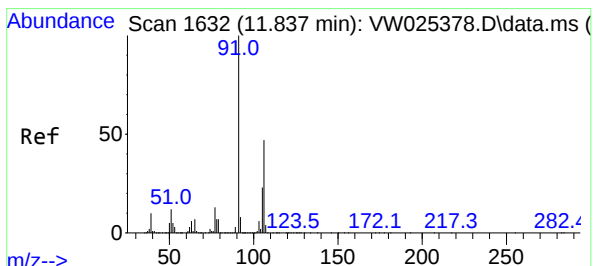
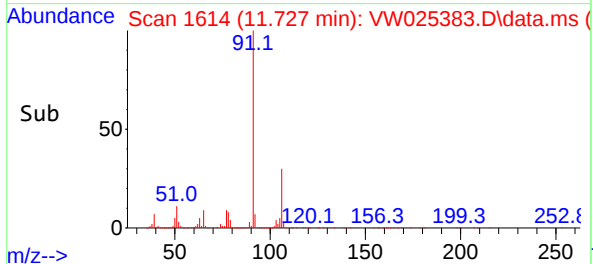
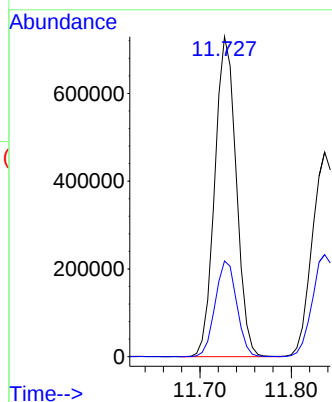
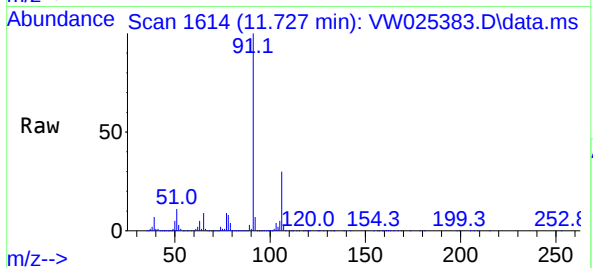




#52
Ethylbenzene
Concen: 26.095 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VW025383.D
Acq: 08 Mar 2023 13:43

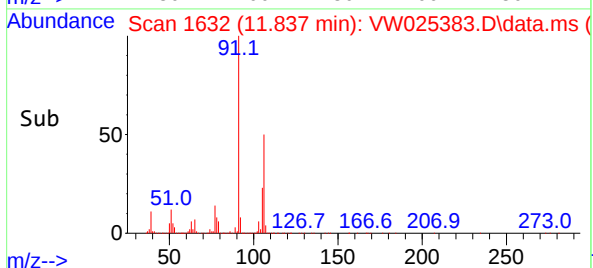
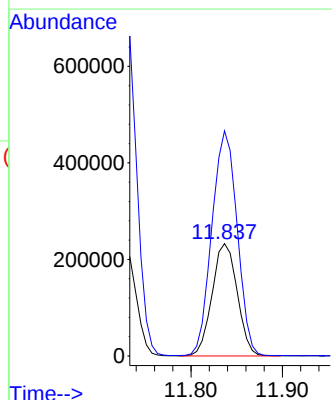
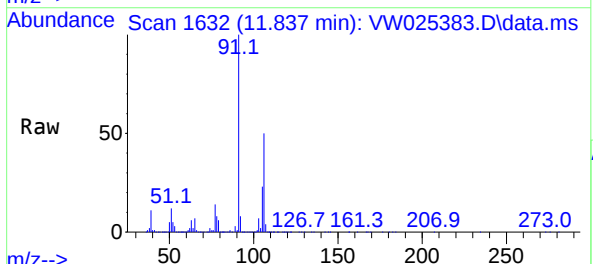
Instrument :
MSVOA_W
ClientSampleId :
VSTD025547

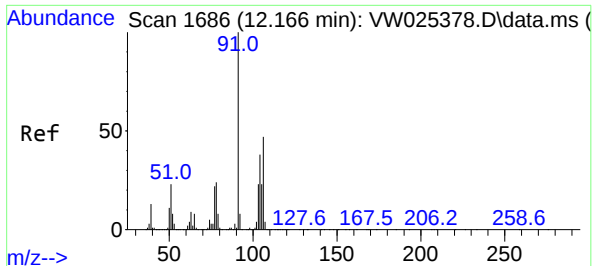
Tgt Ion: 91 Resp: 1188729
Ion Ratio Lower Upper
91 100
106 29.9 22.0 41.0



#53
m,p-Xylene
Concen: 26.447 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. 0.001 min
Lab File: VW025383.D
Acq: 08 Mar 2023 13:43

Tgt Ion:106 Resp: 444360
Ion Ratio Lower Upper
106 100
91 200.6 144.2 267.8

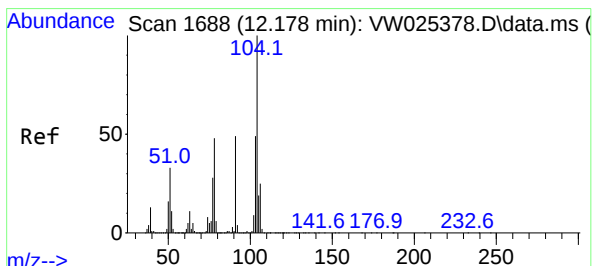
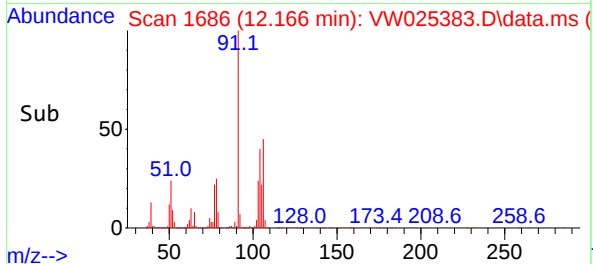
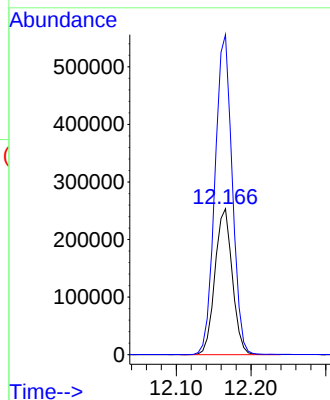
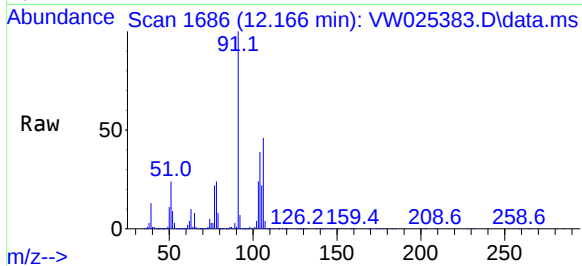




#54
o-Xylene
Concen: 25.759 ug/L
RT: 12.166 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VW025383.D
Acq: 08 Mar 2023 13:43

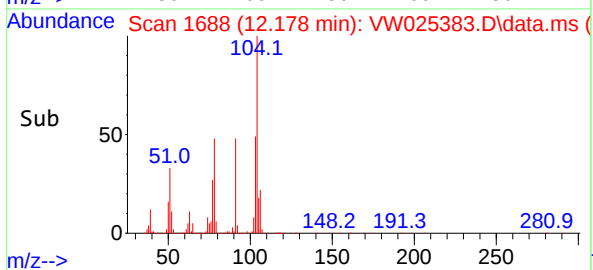
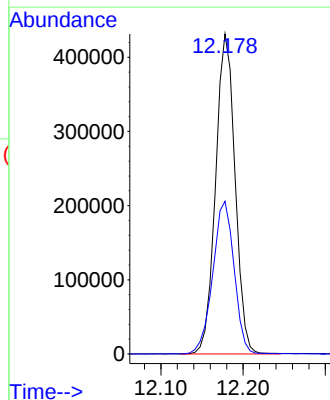
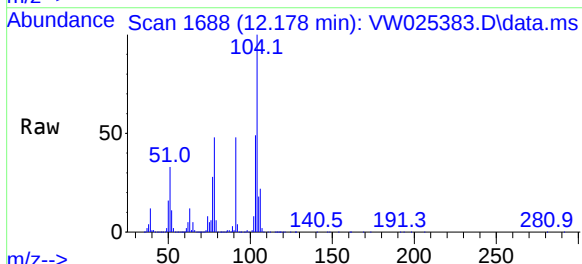
Instrument :
MSVOA_W
ClientSampleId :
VSTD025547

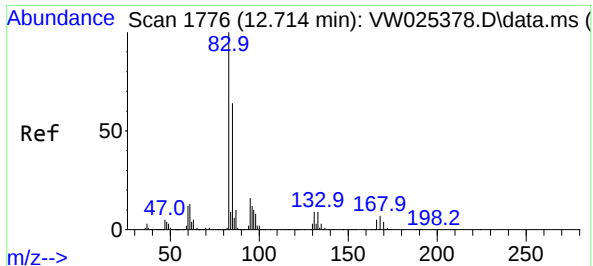
Tgt Ion:106 Resp: 407258
Ion Ratio Lower Upper
106 100
91 219.3 154.6 287.2



#55
Styrene
Concen: 26.291 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VW025383.D
Acq: 08 Mar 2023 13:43

Tgt Ion:104 Resp: 709852
Ion Ratio Lower Upper
104 100
78 47.7 31.1 57.9

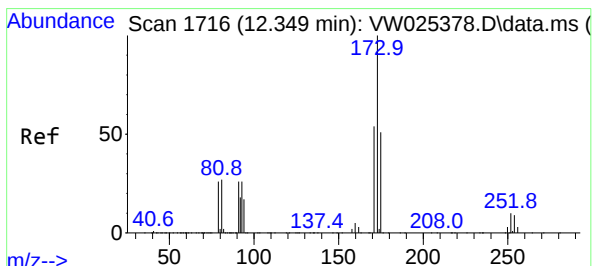
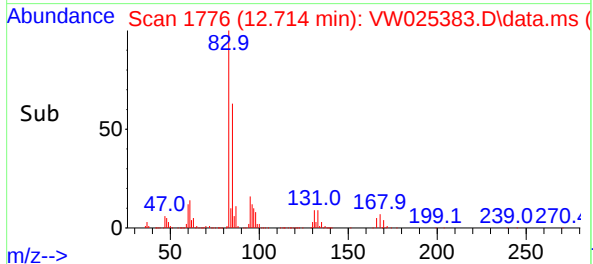
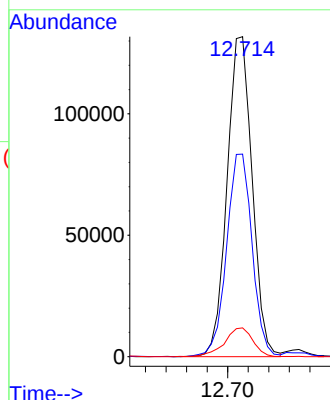
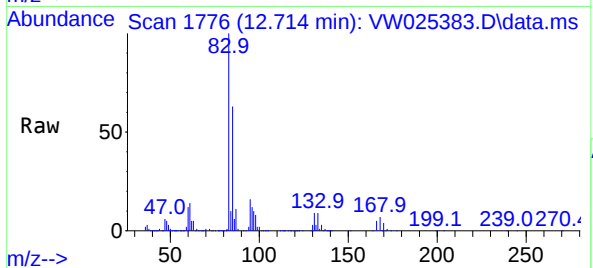




#57
1,1,2,2-Tetrachloroethane
Concen: 25.098 ug/L
RT: 12.714 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VW025383.D
Acq: 08 Mar 2023 13:43

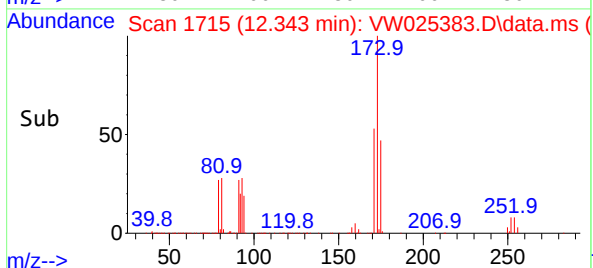
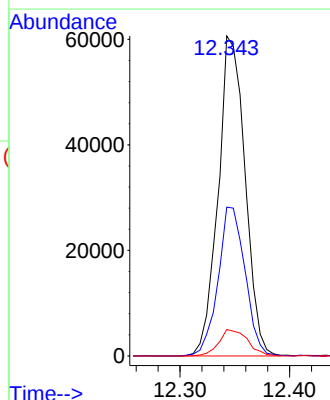
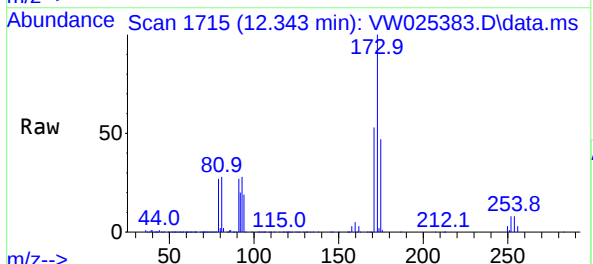
Instrument :
MSVOA_W
ClientSampleId :
VSTD025547

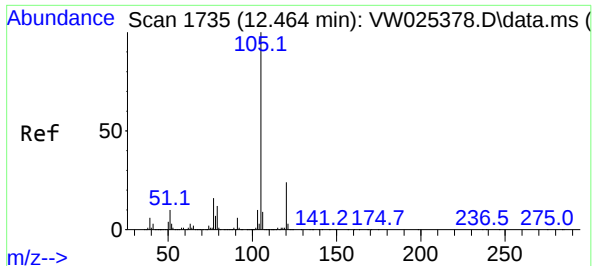
Tgt Ion: 83 Resp: 223261
Ion Ratio Lower Upper
83 100
85 63.3 45.4 84.2
131 9.0 8.0 12.0



#59
Bromoform
Concen: 24.137 ug/L
RT: 12.343 min Scan# 1715
Delta R.T. -0.006 min
Lab File: VW025383.D
Acq: 08 Mar 2023 13:43

Tgt Ion: 173 Resp: 103553
Ion Ratio Lower Upper
173 100
175 46.7 38.6 57.8
254 8.8 7.9 11.9

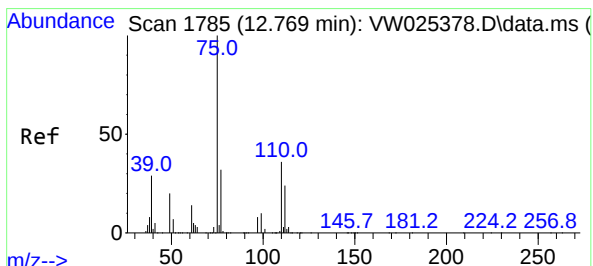
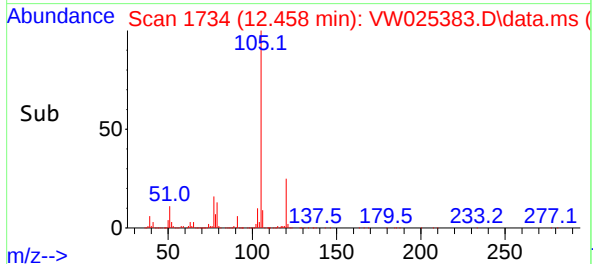
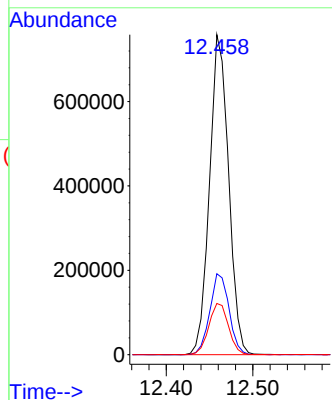
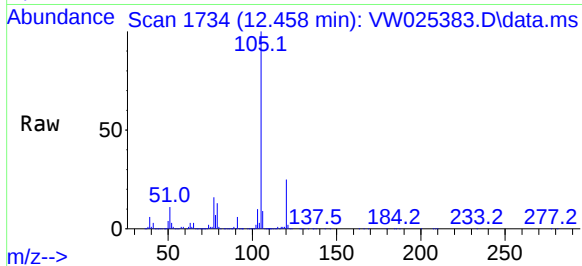




#60
Isopropylbenzene
Concen: 26.158 ug/L
RT: 12.458 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW025383.D
Acq: 08 Mar 2023 13:43

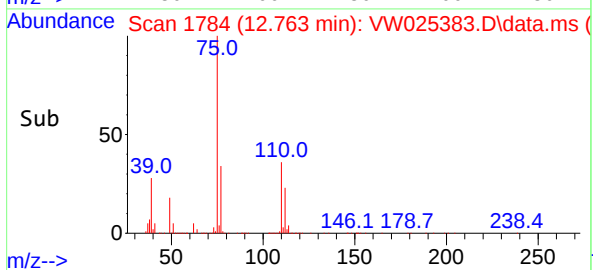
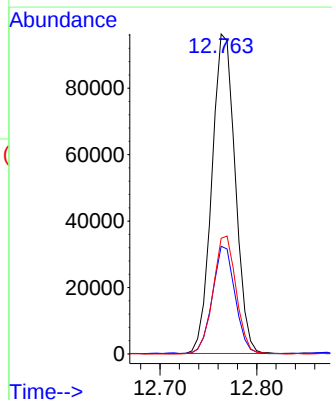
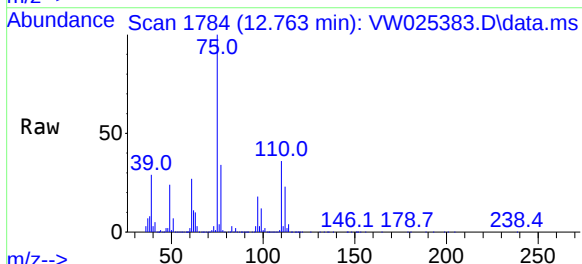
Instrument :
MSVOA_W
ClientSampleId :
VSTD025547

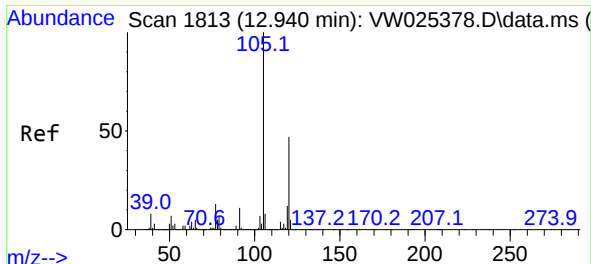
Tgt Ion:105 Resp: 1159560
Ion Ratio Lower Upper
105 100
120 25.5 20.9 31.3
77 16.5 13.1 19.7



#61
1,2,3-Trichloropropane
Concen: 24.903 ug/L
RT: 12.763 min Scan# 1784
Delta R.T. -0.006 min
Lab File: VW025383.D
Acq: 08 Mar 2023 13:43

Tgt Ion: 75 Resp: 161340
Ion Ratio Lower Upper
75 100
77 32.6 25.4 38.2
110 36.5 28.9 43.3

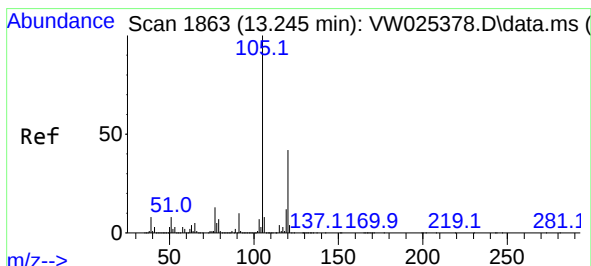
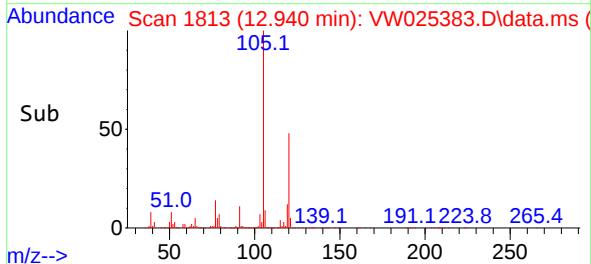
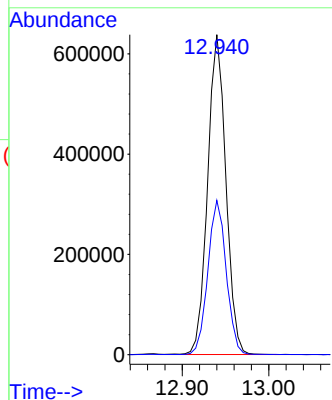
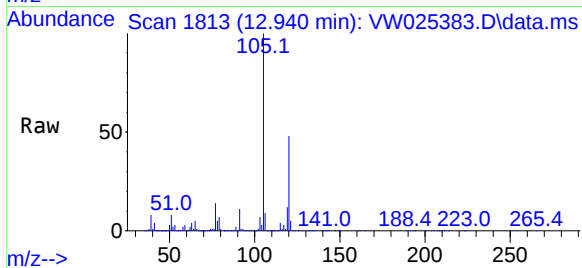




#62
1,3,5-Trimethylbenzene
Concen: 26.569 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VW025383.D
Acq: 08 Mar 2023 13:43

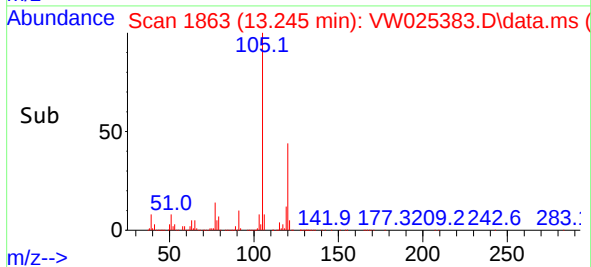
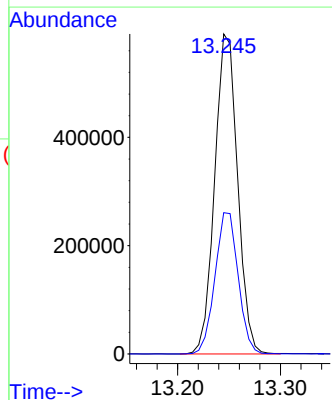
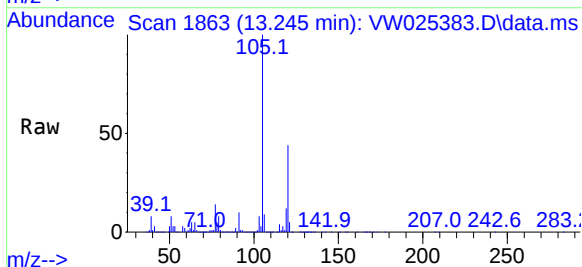
Instrument :
MSVOA_W
ClientSampleId :
VSTD025547

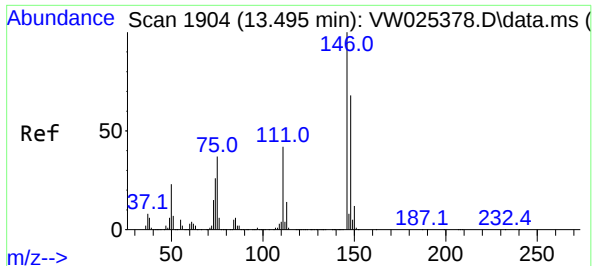
Tgt Ion:105 Resp: 932772
Ion Ratio Lower Upper
105 100
120 48.7 39.3 58.9



#63
1,2,4-Trimethylbenzene
Concen: 26.383 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. -0.000 min
Lab File: VW025383.D
Acq: 08 Mar 2023 13:43

Tgt Ion:105 Resp: 912488
Ion Ratio Lower Upper
105 100
120 44.9 36.0 54.0

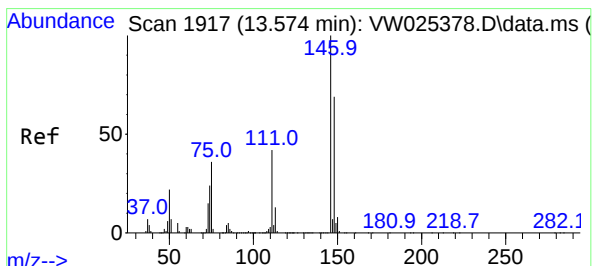
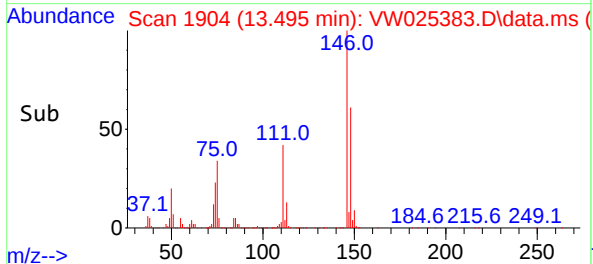
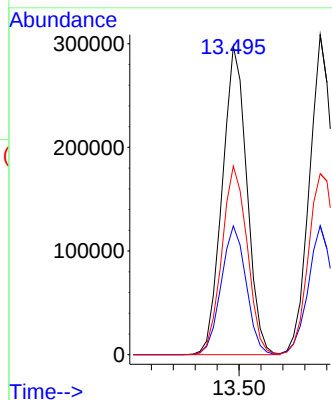
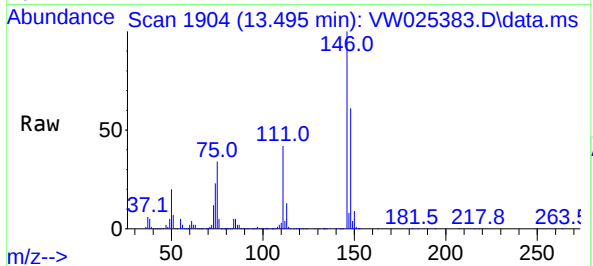




#64
1,3-Dichlorobenzene
Concen: 24.732 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VW025383.D
Acq: 08 Mar 2023 13:43

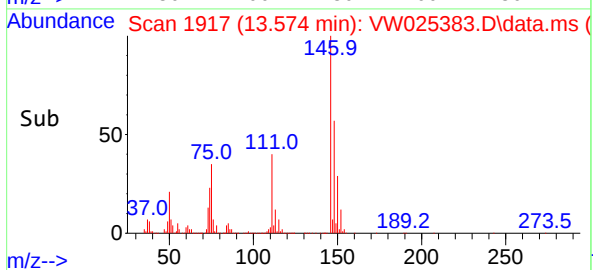
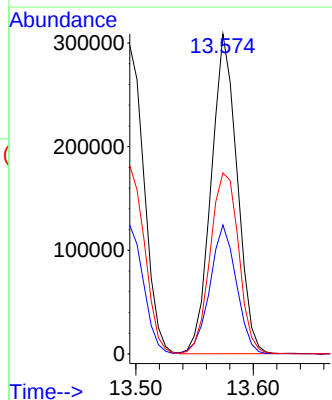
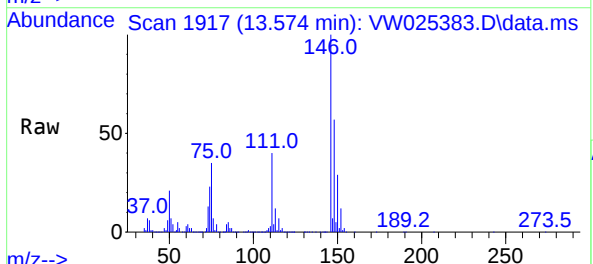
Instrument :
MSVOA_W
ClientSampleId :
VSTD025547

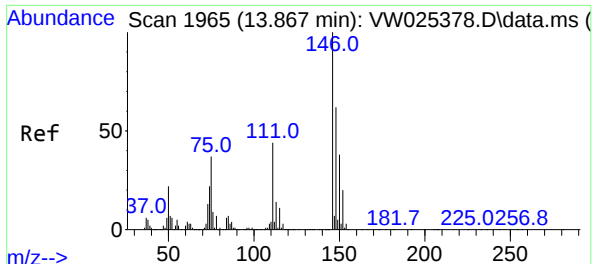
Tgt Ion:146 Resp: 464561
Ion Ratio Lower Upper
146 100
111 41.8 29.7 55.1
148 61.1 44.2 82.2



#65
1,4-Dichlorobenzene
Concen: 24.551 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VW025383.D
Acq: 08 Mar 2023 13:43

Tgt Ion:146 Resp: 473036
Ion Ratio Lower Upper
146 100
111 40.3 28.2 52.4
148 56.6 39.8 73.8

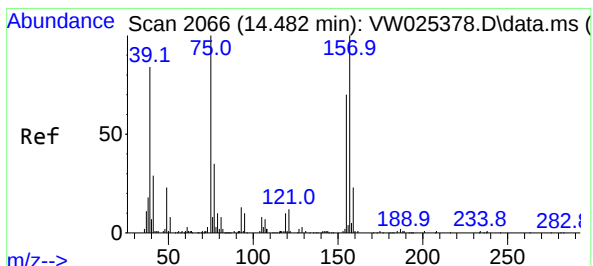
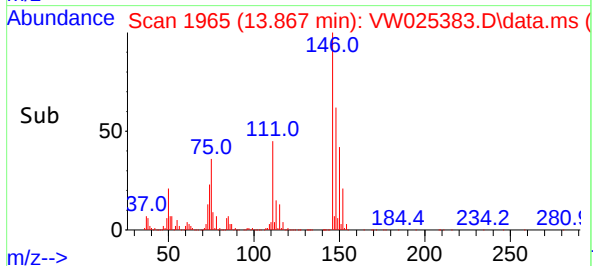
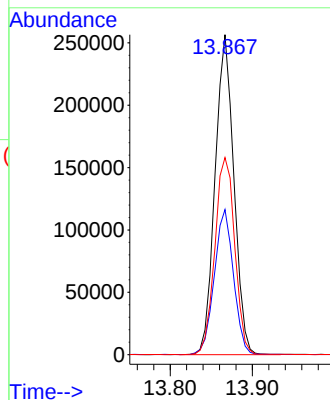
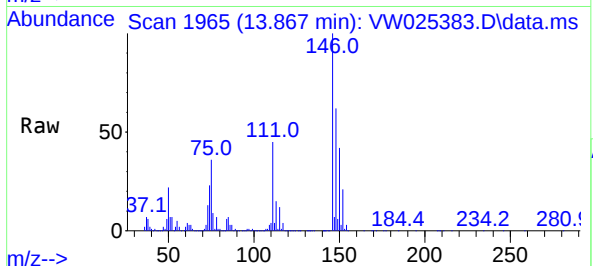




#67
1,2-Dichlorobenzene
Concen: 24.199 ug/L
RT: 13.867 min Scan# 1965
Delta R.T. -0.000 min
Lab File: VW025383.D
Acq: 08 Mar 2023 13:43

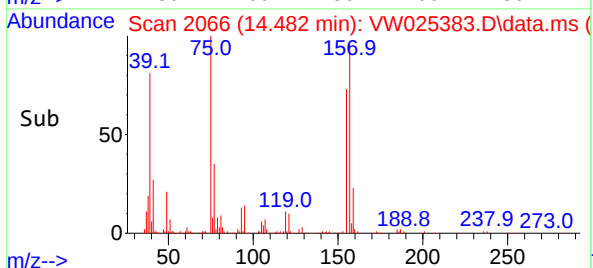
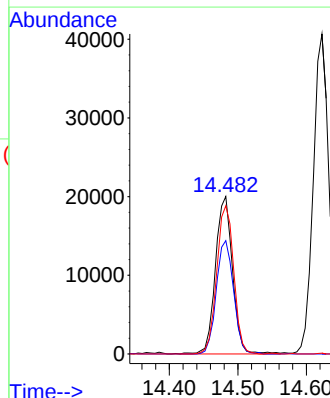
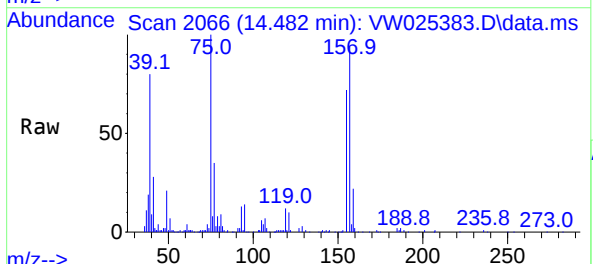
Instrument :
MSVOA_W
ClientSampleId :
VSTD025547

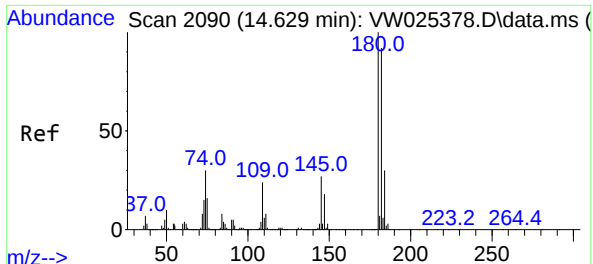
Tgt Ion:146 Resp: 407669
Ion Ratio Lower Upper
146 100
111 45.4 36.6 54.8
148 61.6 53.4 80.2



#68
1,2-Dibromo-3-chloropropane
Concen: 23.093 ug/L
RT: 14.482 min Scan# 2066
Delta R.T. 0.006 min
Lab File: VW025383.D
Acq: 08 Mar 2023 13:43

Tgt Ion: 75 Resp: 34636
Ion Ratio Lower Upper
75 100
155 72.0 55.4 83.0
157 94.1 75.3 112.9





#69

1,3,5-Trichlorobenzene

Concen: 23.289 ug/L

RT: 14.623 min Scan# 2090

Delta R.T. -0.000 min

Lab File: VW025383.D

Acq: 08 Mar 2023 13:43

Instrument :

MSVOA_W

ClientSampleId :

VSTD025547

Tgt Ion:180 Resp: 297370

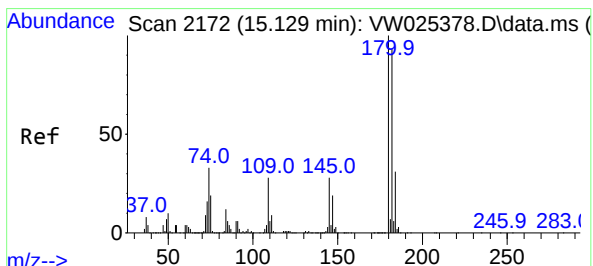
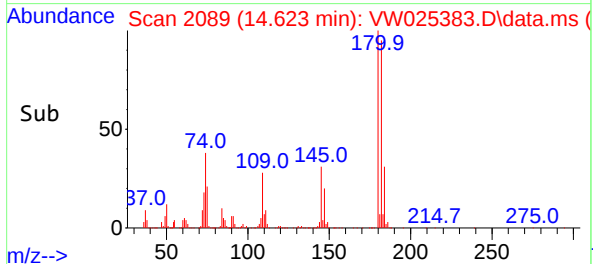
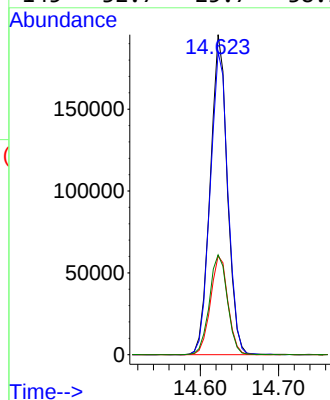
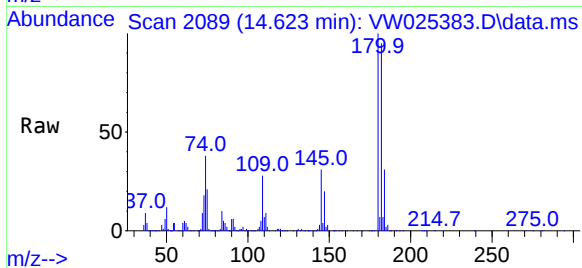
Ion Ratio Lower Upper

180 100

182 97.4 77.1 115.7

184 31.3 24.7 37.1

145 32.7 25.7 38.5



#70

1,2,4-trichlorobenzene

Concen: 23.903 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. -0.000 min

Lab File: VW025383.D

Acq: 08 Mar 2023 13:43

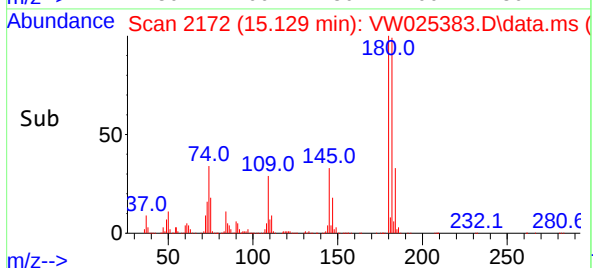
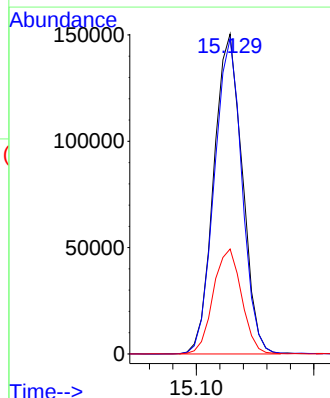
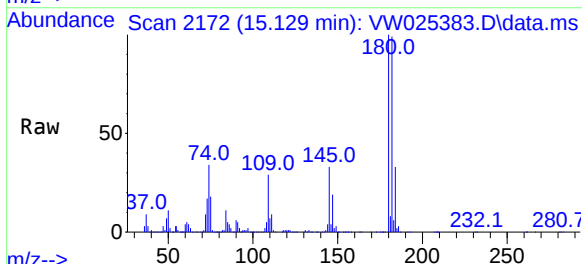
Tgt Ion:180 Resp: 253058

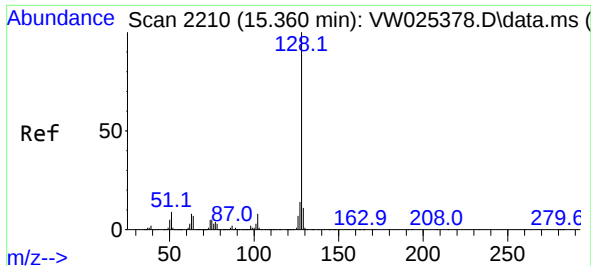
Ion Ratio Lower Upper

180 100

182 95.7 75.5 113.3

145 32.7 25.2 37.8



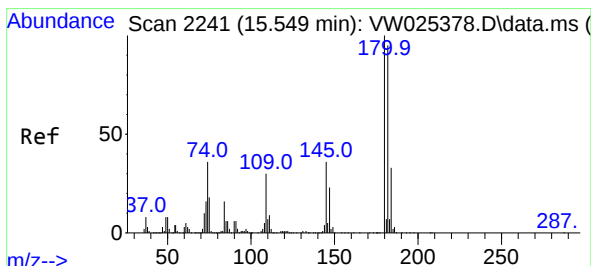
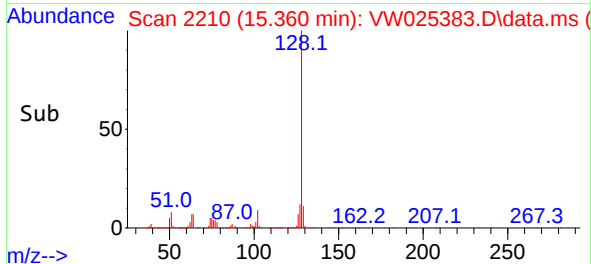
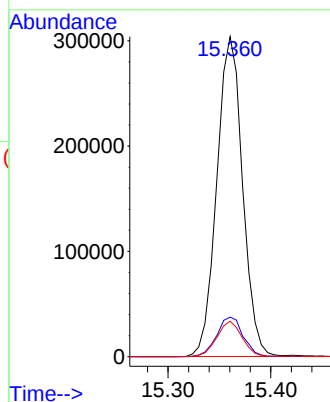
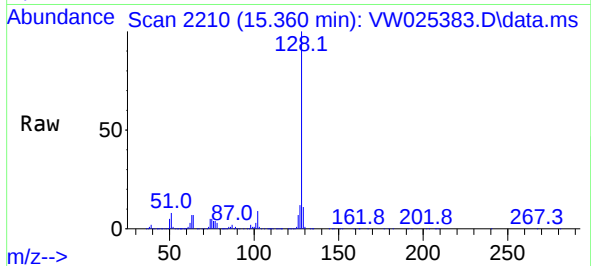


#71
Naphthalene
Concen: 25.243 ug/L
RT: 15.360 min Scan# 21
Delta R.T. 0.000 min
Lab File: VW025383.D
Acq: 08 Mar 2023 13:43

Instrument :
MSVOA_W
ClientSampleId :
VSTD025547

Tgt Ion:128 Resp: 527513

Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.6	16.0
129	10.9	8.6	13.0



#72
1,2,3-Trichlorobenzene
Concen: 22.487 ug/L
RT: 15.549 min Scan# 2241
Delta R.T. 0.000 min
Lab File: VW025383.D
Acq: 08 Mar 2023 13:43

Tgt Ion:180 Resp: 213828

Ion	Ratio	Lower	Upper
180	100		
182	95.4	76.6	114.8
145	36.4	27.7	41.5

