

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050823\
 Data File : VD076030.D
 Acq On : 08 May 2023 10:20
 Operator : KP/SY
 Sample : VSTDCCC025
 Misc : 5.00G/10.00ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD025152

Quant Time: May 09 02:36:14 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM042023SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat May 06 00:21:26 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	378529	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	337704	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	177377	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.269	65	178977	21.553	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	86.200%		
7) Chloroethane-d5	2.799	69	152562	21.264	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	85.040%		
11) 1,1-Dichloroethene-d2	3.911	65	40618	21.217	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	84.880%		
21) 2-Butanone-d5	6.987	46	43657	60.560	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	121.120%		
24) Chloroform-d	7.569	84	216018	22.821	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	91.280%		
26) 1,2-Dichloroethane-d4	8.228	65	96390	23.845	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	95.400%		
32) Benzene-d6	8.199	84	448463	22.784	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	91.120%		
36) 1,2-Dichloropropane-d6	9.210	67	131283	24.097	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	96.400%		
41) Toluene-d8	10.269	98	413173	22.422	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	89.680%		
43) trans-1,3-Dichloroprop...	10.528	79	51780	22.994	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	91.960%		
47) 2-Hexanone-d5	10.881	63	39399	60.061	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	120.120%		
56) 1,1,2,2-Tetrachloroeth...	12.651	84	112722	27.039	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	108.160%		
66) 1,2-Dichlorobenzene-d4	13.816	152	134872	21.497	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	86.000%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.934	85	140490	26.923	ug/L	100
3) Chloromethane	2.146	50	203422	27.964	ug/L	97
5) Vinyl chloride	2.281	62	254301	26.748	ug/L	99
6) Bromomethane	2.693	94	144494	22.618	ug/L	97
8) Chloroethane	2.834	64	155916	25.358	ug/L	96
9) Trichlorofluoromethane	3.175	101	197055	25.796	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	3.964	101	139546	27.191	ug/L	96
12) 1,1-Dichloroethene	3.940	96	124560	25.027	ug/L #	83
13) Acetone	4.022	43	38166	61.866	ug/L	98
14) Carbon disulfide	4.263	76	404452	23.266	ug/L	100
15) Methyl Acetate	4.563	43	38764	28.994	ug/L #	58
16) Methylene chloride	4.793	84	149289	19.441	ug/L	97
17) trans-1,2-Dichloroethene	5.311	96	131806	23.618	ug/L	98
18) Methyl tert-butyl Ether	5.316	73	232675	25.991	ug/L	98
19) 1,1-Dichloroethane	6.110	63	217005	26.543	ug/L	97
20) cis-1,2-Dichloroethene	7.075	96	143225	24.271	ug/L	94
22) 2-Butanone	7.081	43	52835	65.694	ug/L	90
23) Bromochloromethane	7.428	128	68597	25.065	ug/L #	94
25) Chloroform	7.593	83	229724	25.072	ug/L	99

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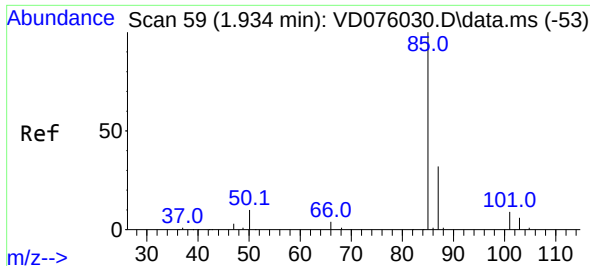
Quant Time: May 09 02:36:14 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM042023SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat May 06 00:21:26 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.322	62	127536	26.965	ug/L	99
29) Cyclohexane	7.875	56	170209	29.442	ug/L	89
30) 1,1,1-Trichloroethane	7.793	97	191420	26.791	ug/L	98
31) Carbon tetrachloride	7.987	117	155242	27.082	ug/L	98
33) Benzene	8.252	78	535667	26.223	ug/L	100
34) Trichloroethene	9.028	95	132726	25.125	ug/L	94
35) Methylcyclohexane	9.275	83	219479	26.948	ug/L	97
37) 1,2-Dichloropropane	9.304	63	131332	27.989	ug/L	100
38) Bromodichloromethane	9.587	83	166162	26.263	ug/L	99
39) cis-1,3-Dichloropropene	10.016	75	194555	26.071	ug/L	97
40) 4-Methyl-2-pentanone	10.157	43	108855	63.628	ug/L	96
42) Toluene	10.334	91	588866	26.639	ug/L	98
44) trans-1,3-Dichloropropene	10.551	75	161648	26.965	ug/L	99
45) 1,1,2-Trichloroethane	10.734	97	103791	26.000	ug/L	97
46) Tetrachloroethene	10.810	164	117918	27.215	ug/L	97
48) 2-Hexanone	10.922	43	83837	69.512	ug/L	90
49) Dibromochloromethane	11.075	129	111201	25.588	ug/L	100
50) 1,2-Dibromoethane	11.181	107	93482	25.974	ug/L	98
51) Chlorobenzene	11.610	112	365249	25.257	ug/L	97
52) Ethylbenzene	11.687	91	586412	25.870	ug/L	97
53) m,p-Xylene	11.793	106	235586	26.100	ug/L	98
54) o-Xylene	12.122	106	220941	25.771	ug/L	100
55) Styrene	12.134	104	401748	26.924	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.675	83	113954	28.056	ug/L	97
59) Bromoform	12.298	173	66486	24.457	ug/L	99
60) Isopropylbenzene	12.422	105	568846	24.186	ug/L	99
61) 1,2,3-Trichloropropane	12.728	75	74435	26.714	ug/L	98
62) 1,3,5-Trimethylbenzene	12.904	105	433681	24.728	ug/L	100
63) 1,2,4-Trimethylbenzene	13.216	105	420707	24.885	ug/L	99
64) 1,3-Dichlorobenzene	13.463	146	279366	24.825	ug/L	97
65) 1,4-Dichlorobenzene	13.539	146	285121	24.141	ug/L	100
67) 1,2-Dichlorobenzene	13.834	146	245818	24.460	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.451	75	14633	26.269	ug/L	88
69) 1,3,5-Trichlorobenzene	14.592	180	178912	23.719	ug/L	97
70) 1,2,4-trichlorobenzene	15.104	180	145601	23.293	ug/L	98
71) Naphthalene	15.334	128	269290	23.542	ug/L	99
72) 1,2,3-Trichlorobenzene	15.522	180	135600	24.302	ug/L	99

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

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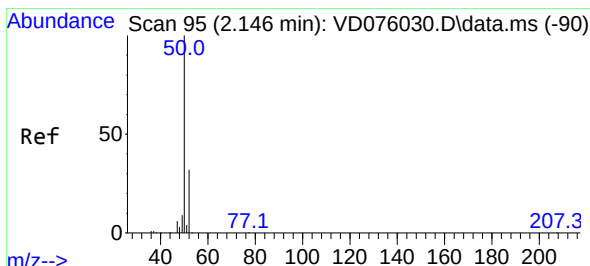
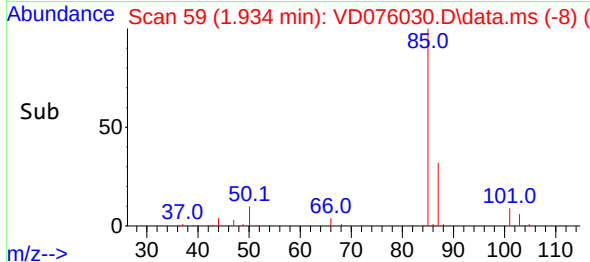
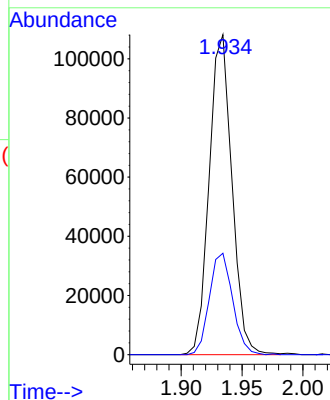
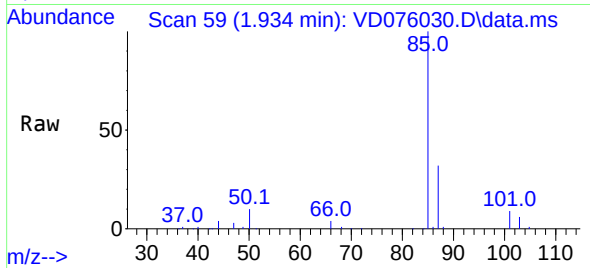




#2
 Dichlorodifluoromethane
 Concen: 26.923 ug/L
 RT: 1.934 min Scan# 59
 Delta R.T. 0.000 min
 Lab File: VD076030.D
 Acq: 08 May 2023 10:20

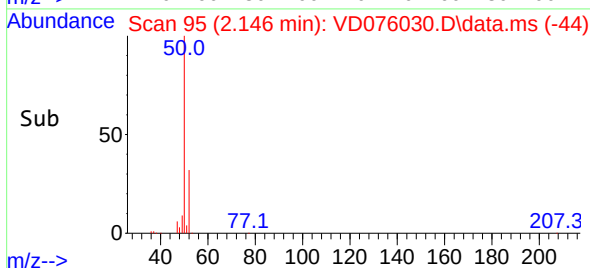
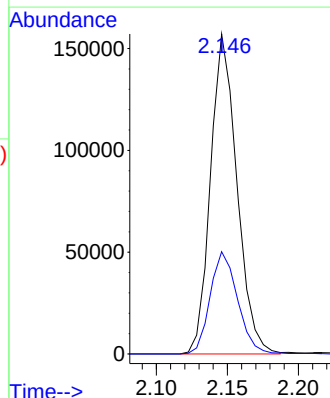
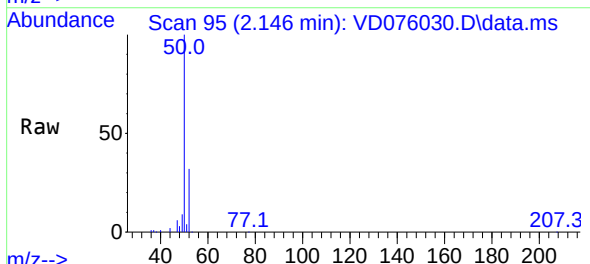
Instrument :
 MSVOA_D
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 VSTD025152

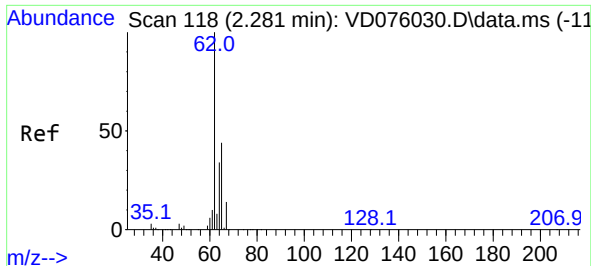
Tgt Ion: 85 Resp: 140490
 Ion Ratio Lower Upper
 85 100
 87 32.3 25.8 38.8



#3
 Chloromethane
 Concen: 27.964 ug/L
 RT: 2.146 min Scan# 95
 Delta R.T. 0.000 min
 Lab File: VD076030.D
 Acq: 08 May 2023 10:20

Tgt Ion: 50 Resp: 203422
 Ion Ratio Lower Upper
 50 100
 52 32.0 23.7 44.1

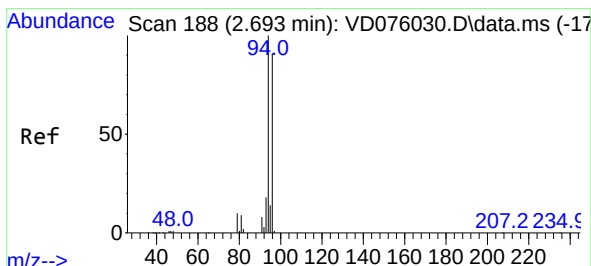
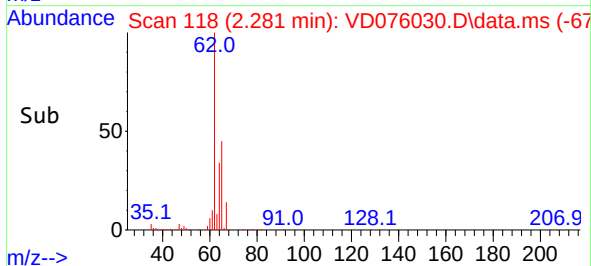
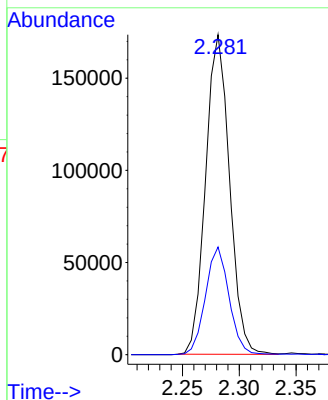
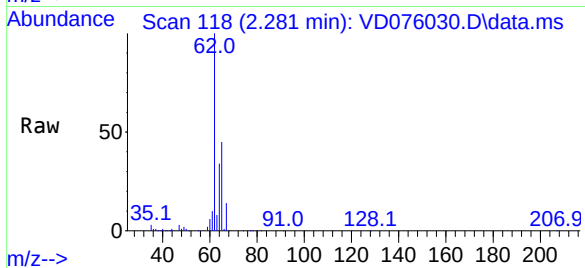




#5
 Vinyl chloride
 Concen: 26.748 ug/L
 RT: 2.281 min Scan# 118
 Delta R.T. 0.000 min
 Lab File: VD076030.D
 Acq: 08 May 2023 10:20

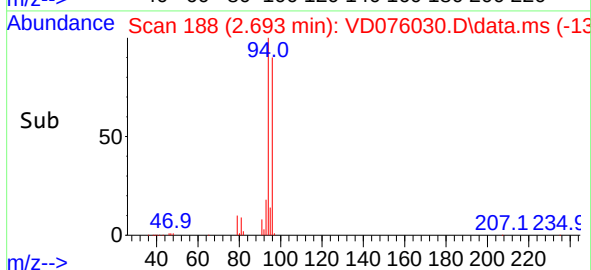
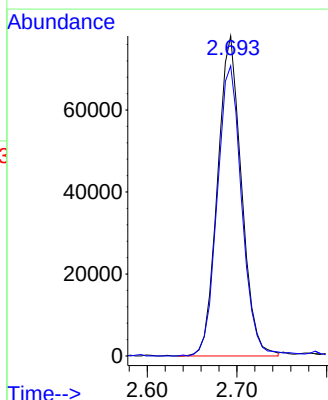
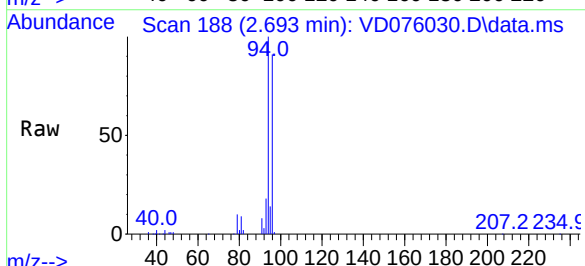
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 ClientSampleId :
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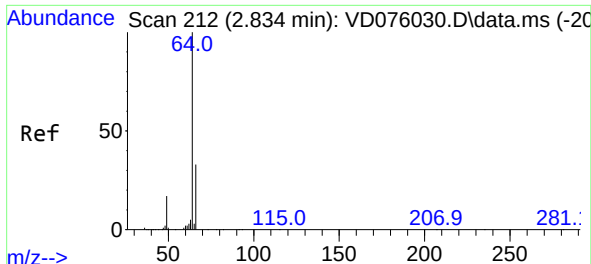
Tgt Ion: 62 Resp: 254301
 Ion Ratio Lower Upper
 62 100
 64 33.6 23.2 43.0



#6
 Bromomethane
 Concen: 22.618 ug/L
 RT: 2.693 min Scan# 188
 Delta R.T. 0.000 min
 Lab File: VD076030.D
 Acq: 08 May 2023 10:20

Tgt Ion: 94 Resp: 144494
 Ion Ratio Lower Upper
 94 100
 96 90.6 65.7 121.9

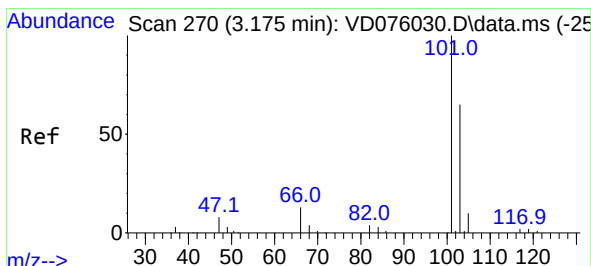
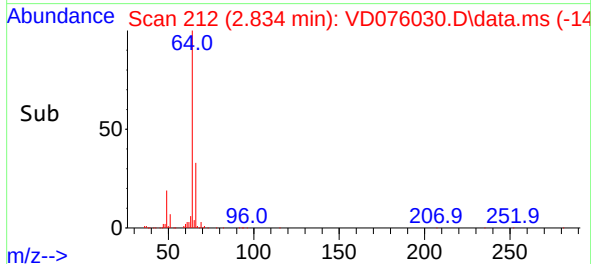
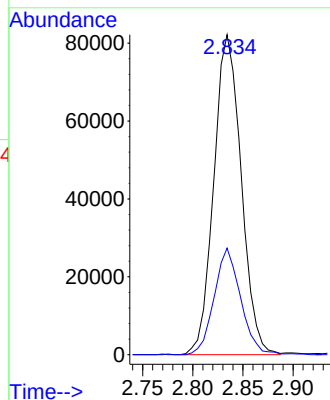
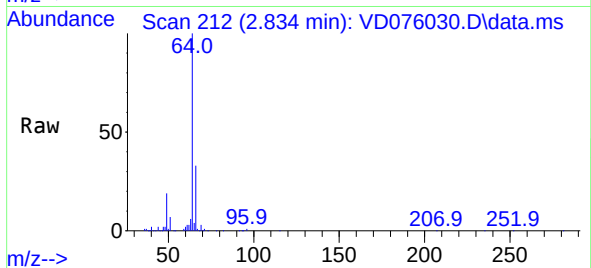




#8
Chloroethane
Concen: 25.358 ug/L
RT: 2.834 min Scan# 212
Delta R.T. 0.000 min
Lab File: VD076030.D
Acq: 08 May 2023 10:20

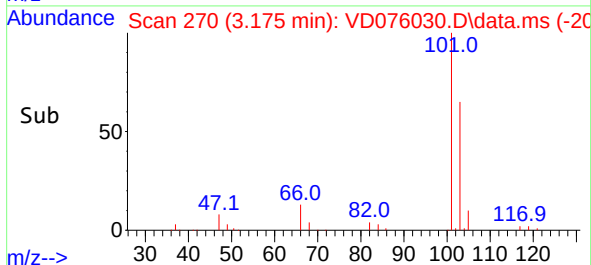
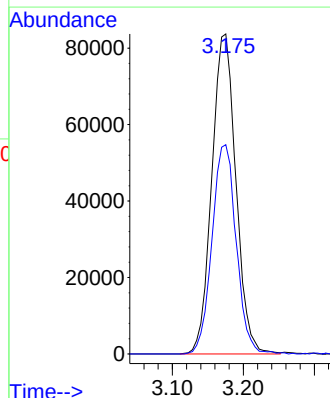
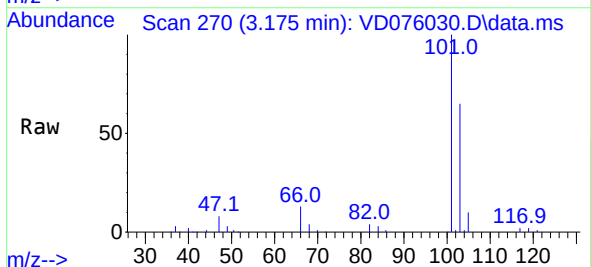
Instrument :
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ClientSampleId :
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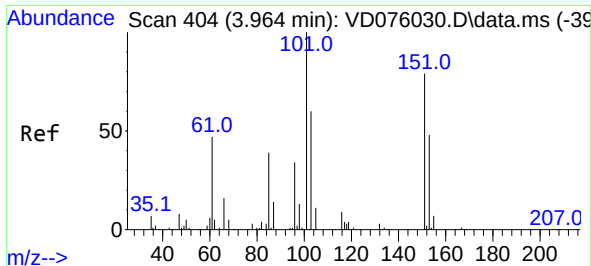
Tgt Ion: 64 Resp: 155916
Ion Ratio Lower Upper
64 100
66 33.3 21.8 40.4



#9
Trichlorofluoromethane
Concen: 25.796 ug/L
RT: 3.175 min Scan# 270
Delta R.T. 0.000 min
Lab File: VD076030.D
Acq: 08 May 2023 10:20

Tgt Ion:101 Resp: 197055
Ion Ratio Lower Upper
101 100
103 65.4 52.2 78.4

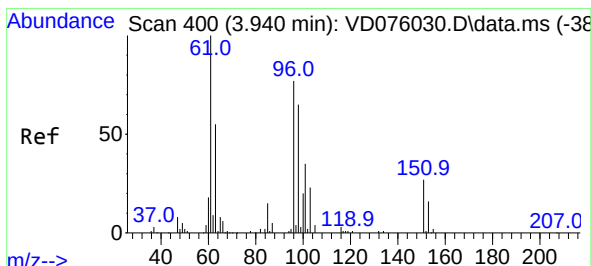
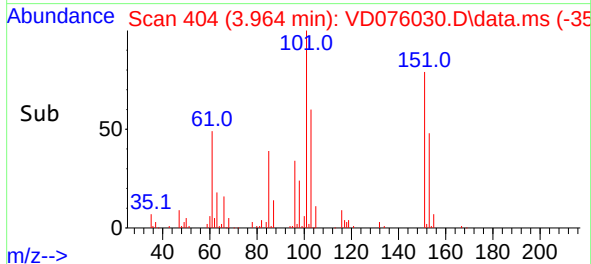
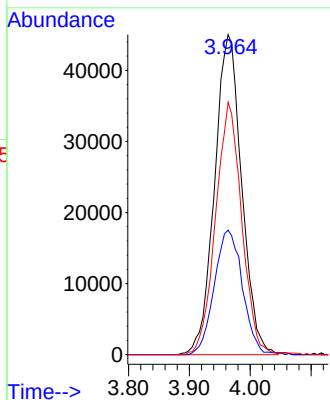
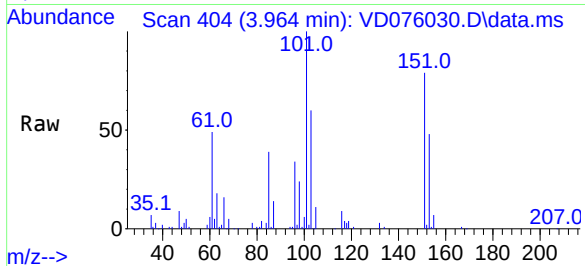




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 27.191 ug/L
RT: 3.964 min Scan# 404
Delta R.T. 0.000 min
Lab File: VD076030.D
Acq: 08 May 2023 10:20

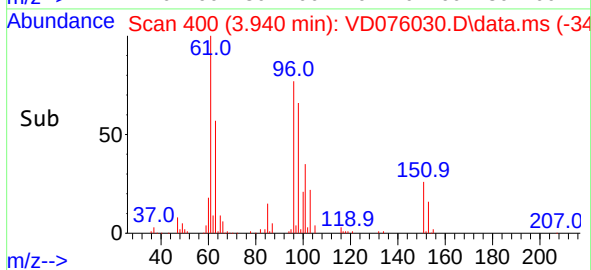
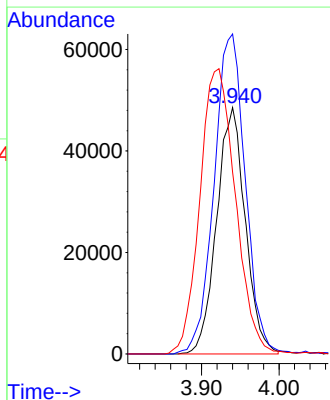
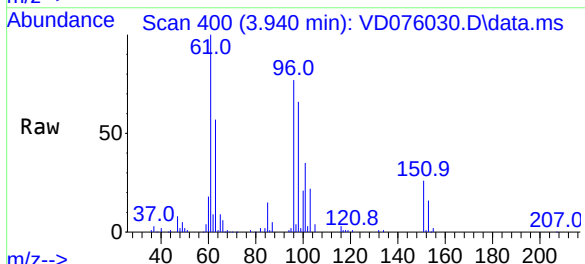
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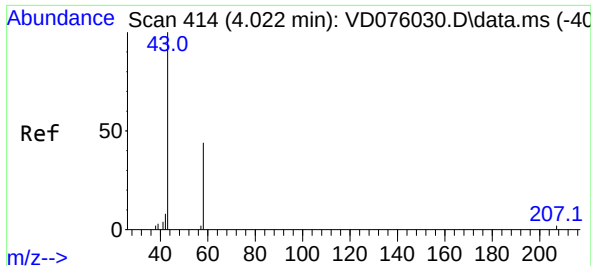
Tgt Ion:101 Resp: 139546
Ion Ratio Lower Upper
101 100
85 40.1 32.9 49.3
151 75.7 57.2 85.8



#12
1,1-Dichloroethene
Concen: 25.027 ug/L
RT: 3.940 min Scan# 400
Delta R.T. 0.000 min
Lab File: VD076030.D
Acq: 08 May 2023 10:20

Tgt Ion: 96 Resp: 124560
Ion Ratio Lower Upper
96 100
61 129.9 92.6 172.0
63 73.8 77.4 143.8

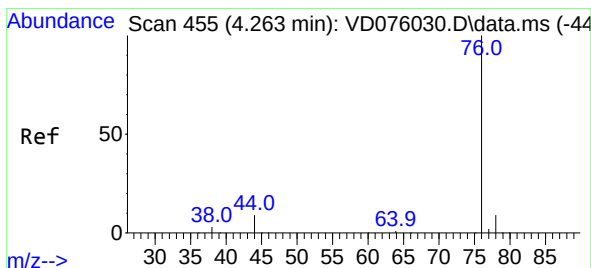
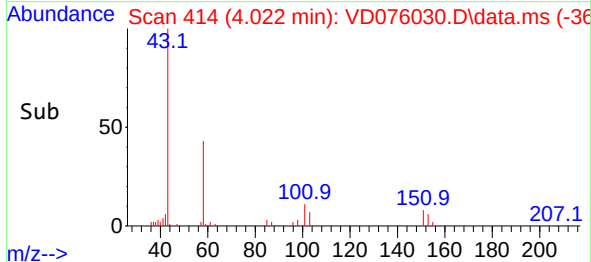
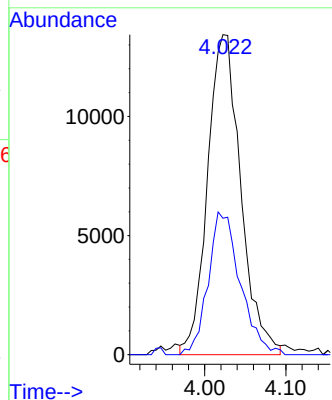
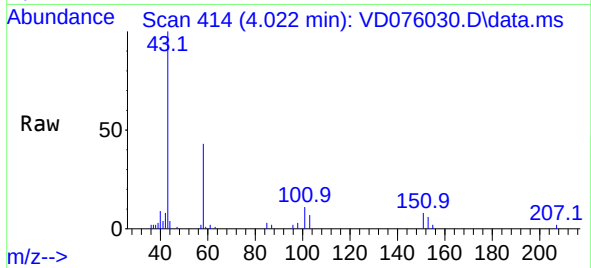




#13
Acetone
Concen: 61.866 ug/L
RT: 4.022 min Scan# 414
Delta R.T. 0.000 min
Lab File: VD076030.D
Acq: 08 May 2023 10:20

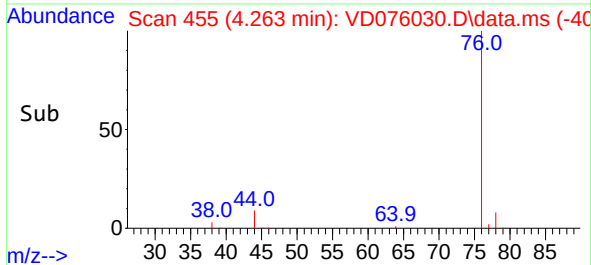
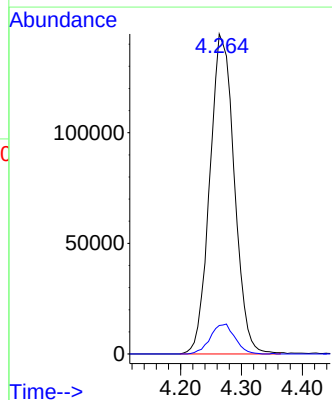
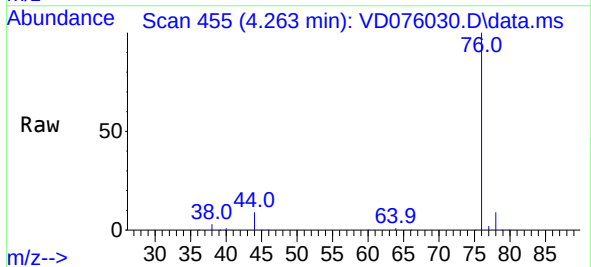
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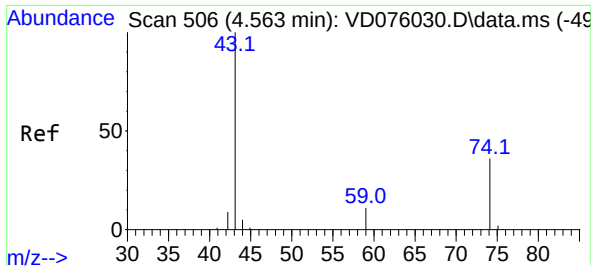
Tgt Ion: 43 Resp: 38166
Ion Ratio Lower Upper
43 100
58 42.6 0.0 87.4



#14
Carbon disulfide
Concen: 23.266 ug/L
RT: 4.263 min Scan# 455
Delta R.T. -0.006 min
Lab File: VD076030.D
Acq: 08 May 2023 10:20

Tgt Ion: 76 Resp: 404452
Ion Ratio Lower Upper
76 100
78 8.9 7.0 10.6

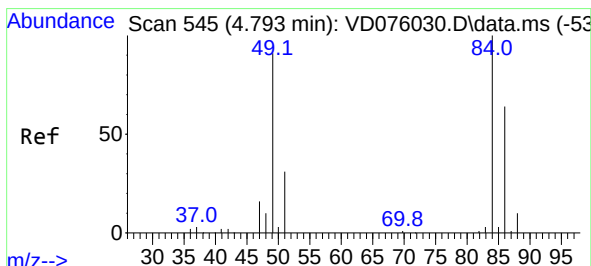
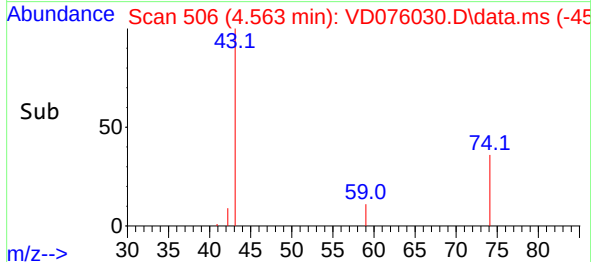
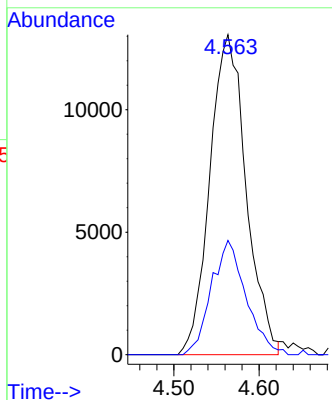
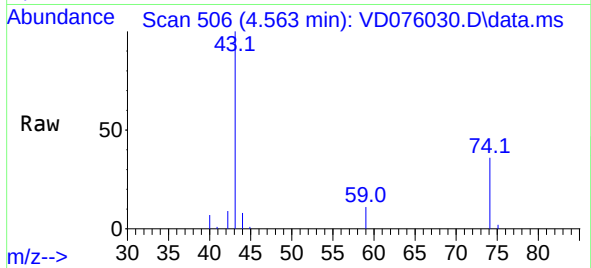




#15
Methyl Acetate
Concen: 28.994 ug/L
RT: 4.563 min Scan# 506
Delta R.T. 0.000 min
Lab File: VD076030.D
Acq: 08 May 2023 10:20

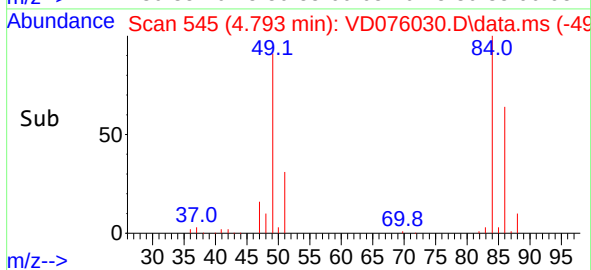
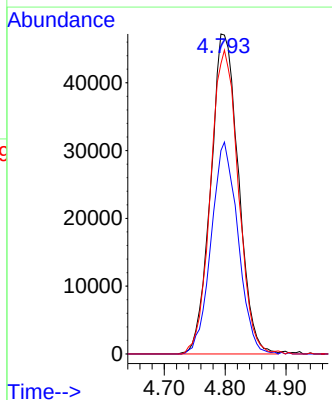
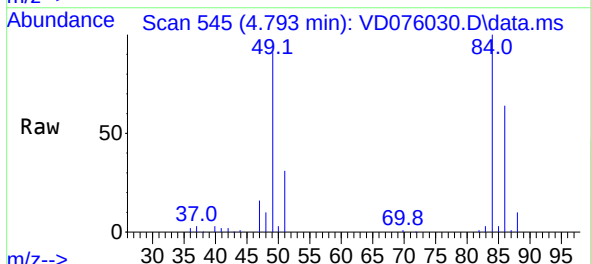
Instrument :
MSVOA_D
ClientSampleId :
VSTD025152

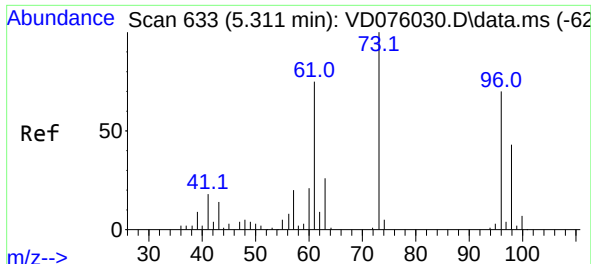
Tgt Ion: 43 Resp: 38764
Ion Ratio Lower Upper
43 100
74 34.0 12.8 19.2#



#16
Methylene chloride
Concen: 19.441 ug/L
RT: 4.793 min Scan# 545
Delta R.T. -0.006 min
Lab File: VD076030.D
Acq: 08 May 2023 10:20

Tgt Ion: 84 Resp: 149289
Ion Ratio Lower Upper
84 100
86 63.6 45.8 85.2
49 90.7 60.8 112.8

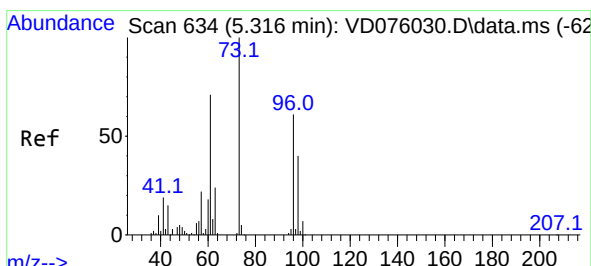
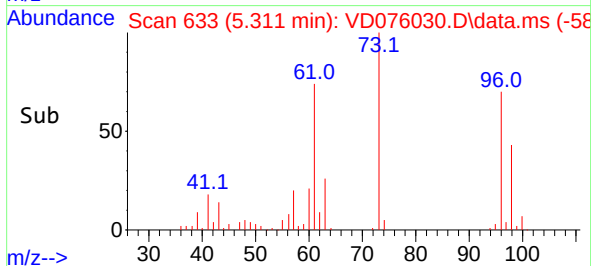
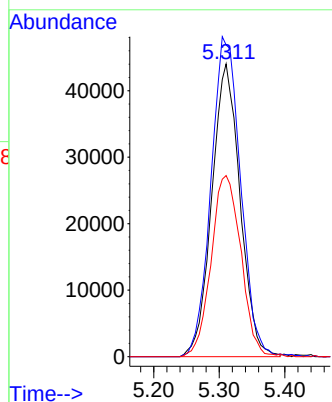
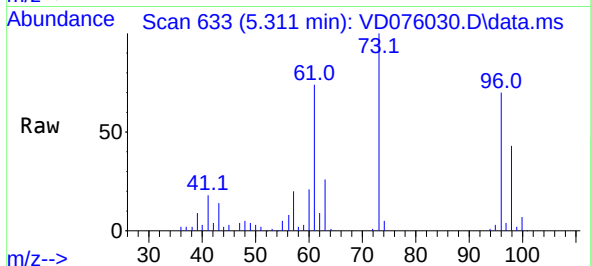




#17
trans-1,2-Dichloroethene
Concen: 23.618 ug/L
RT: 5.311 min Scan# 611
Delta R.T. -0.006 min
Lab File: VD076030.D
Acq: 08 May 2023 10:20

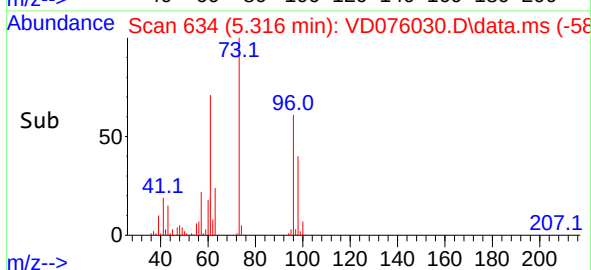
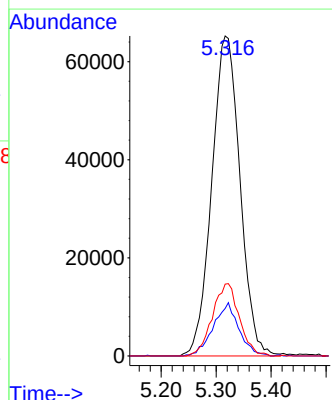
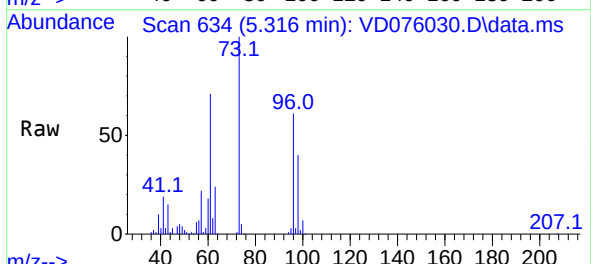
Instrument :
MSVOA_D
ClientSampleId :
VSTD025152

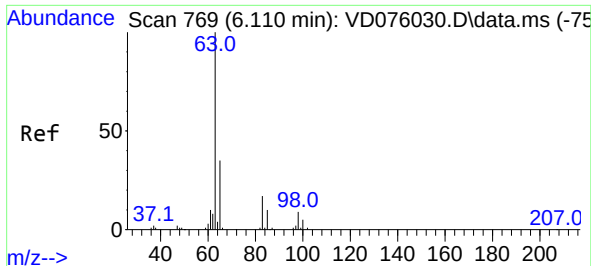
Tgt Ion: 96 Resp: 131806
Ion Ratio Lower Upper
96 100
61 106.4 72.9 135.5
98 61.8 43.0 79.8



#18
Methyl tert-butyl Ether
Concen: 25.991 ug/L
RT: 5.316 min Scan# 634
Delta R.T. 0.000 min
Lab File: VD076030.D
Acq: 08 May 2023 10:20

Tgt Ion: 73 Resp: 232675
Ion Ratio Lower Upper
73 100
43 15.1 11.3 16.9
57 21.4 16.3 24.5

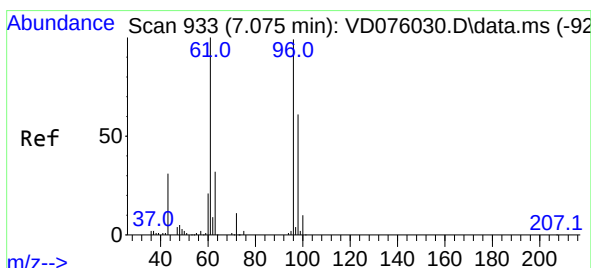
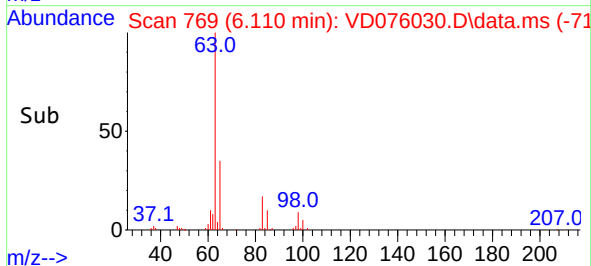
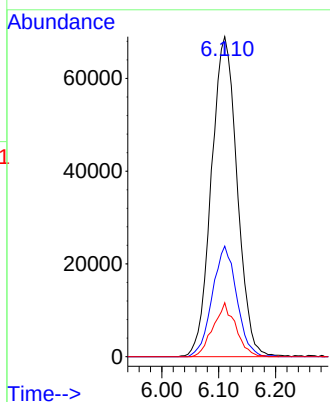
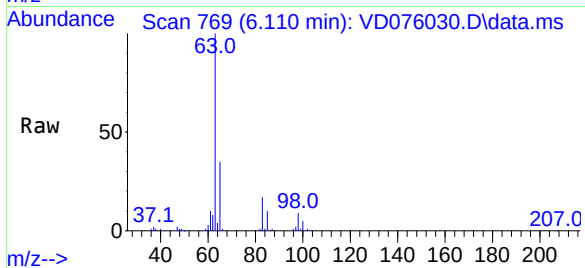




#19
1,1-Dichloroethane
Concen: 26.543 ug/L
RT: 6.110 min Scan# 769
Delta R.T. -0.006 min
Lab File: VD076030.D
Acq: 08 May 2023 10:20

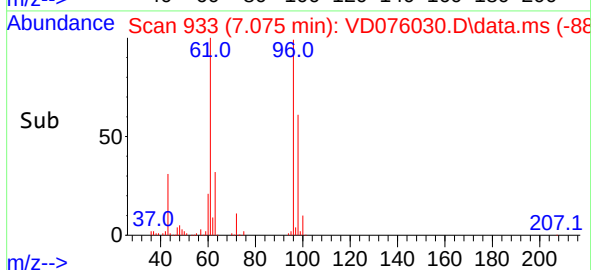
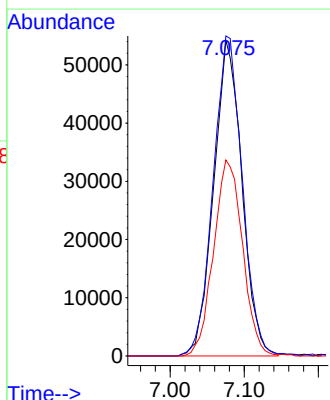
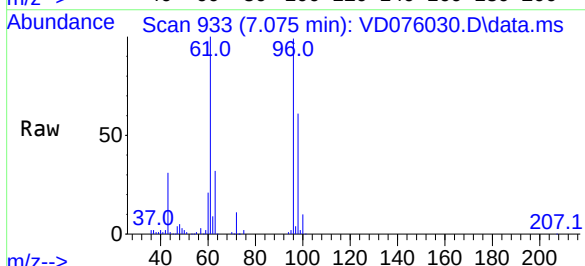
Instrument :
MSVOA_D
ClientSampleId :
VSTD025152

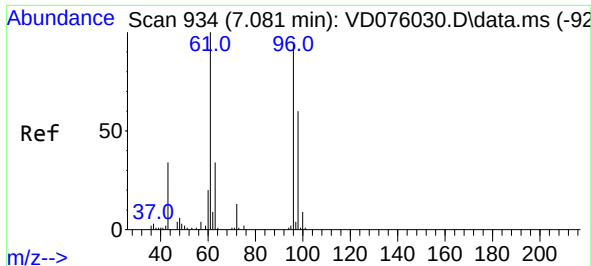
Tgt Ion: 63 Resp: 217005
Ion Ratio Lower Upper
63 100
65 34.6 22.8 42.4
83 16.9 11.2 20.8



#20
cis-1,2-Dichloroethene
Concen: 24.271 ug/L
RT: 7.075 min Scan# 933
Delta R.T. -0.006 min
Lab File: VD076030.D
Acq: 08 May 2023 10:20

Tgt Ion: 96 Resp: 143225
Ion Ratio Lower Upper
96 100
61 101.4 67.5 125.3
98 62.1 47.5 88.1

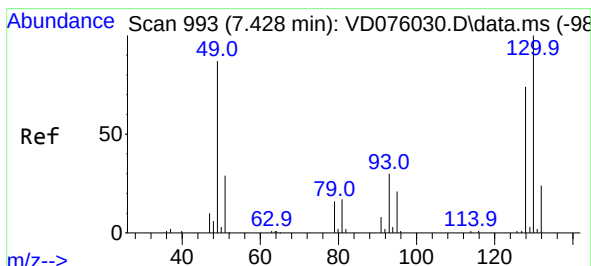
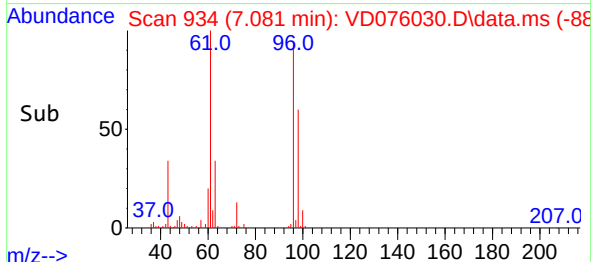
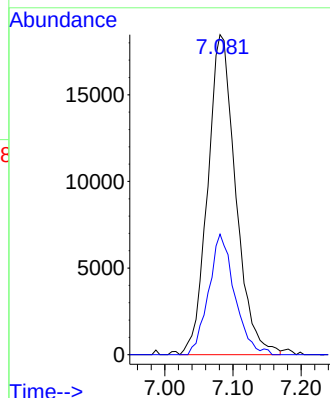
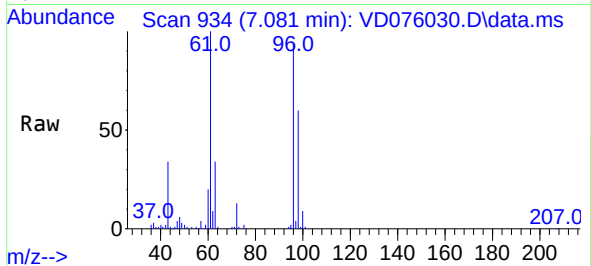




#22
2-Butanone
Concen: 65.694 ug/L
RT: 7.081 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD076030.D
Acq: 08 May 2023 10:20

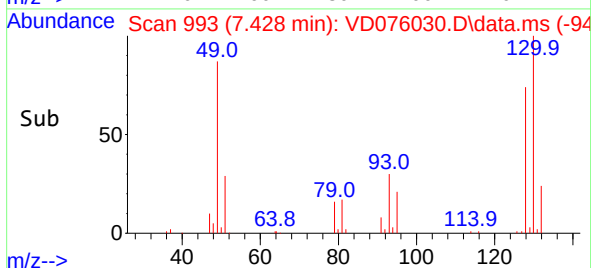
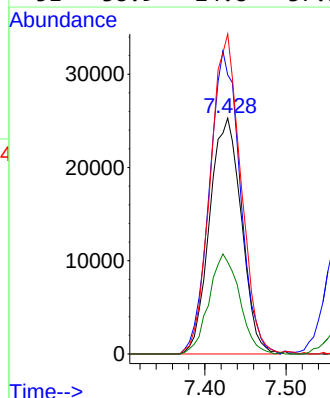
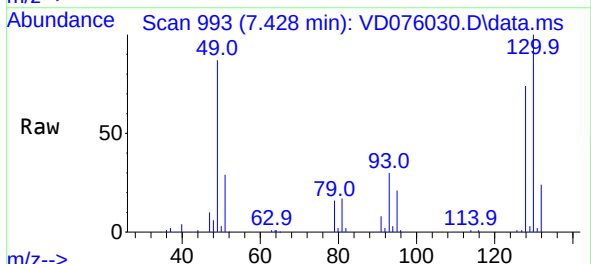
Instrument :
MSVOA_D
ClientSampleId :
VSTD025152

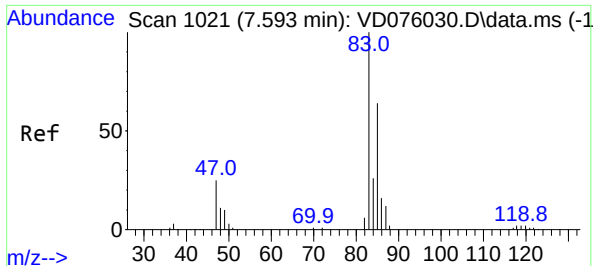
Tgt Ion: 43 Resp: 52835
Ion Ratio Lower Upper
43 100
72 34.6 20.5 61.5



#23
Bromochloromethane
Concen: 25.065 ug/L
RT: 7.428 min Scan# 993
Delta R.T. 0.000 min
Lab File: VD076030.D
Acq: 08 May 2023 10:20

Tgt Ion: 128 Resp: 68597
Ion Ratio Lower Upper
128 100
49 118.4 76.4 142.0
130 135.7 93.5 173.7
51 38.9 24.8 37.2#

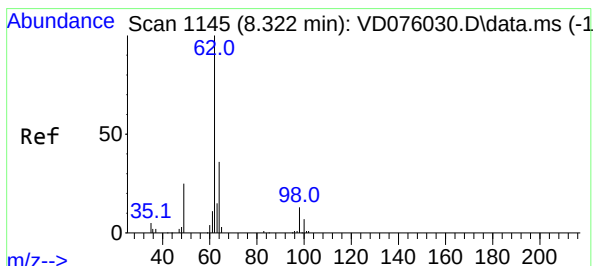
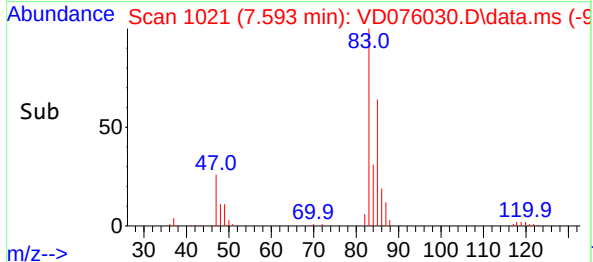
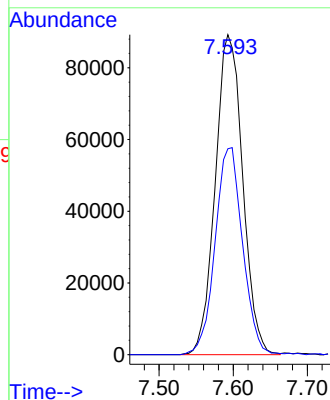
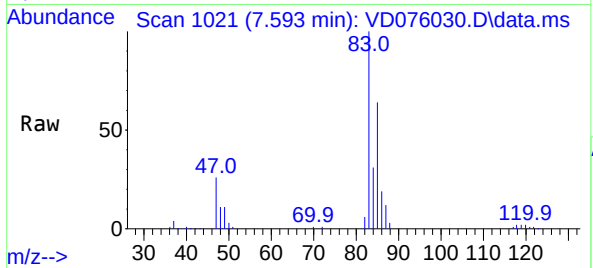




#25
Chloroform
Concen: 25.072 ug/L
RT: 7.593 min Scan# 1021
Delta R.T. 0.000 min
Lab File: VD076030.D
Acq: 08 May 2023 10:20

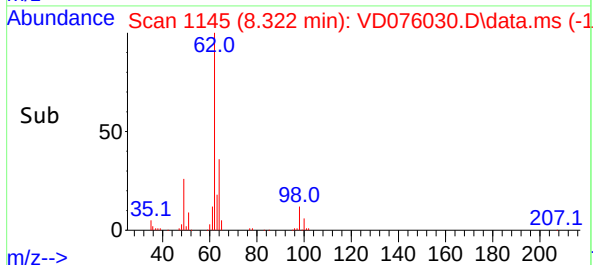
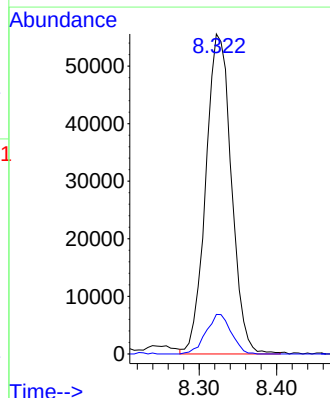
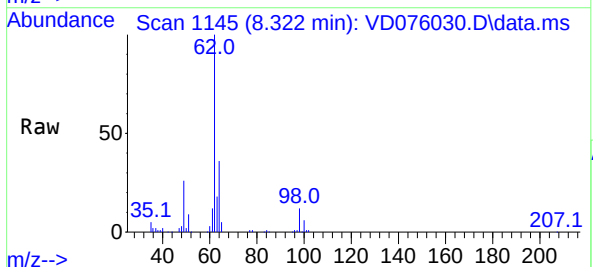
Instrument :
MSVOA_D
ClientSampleId :
VSTD025152

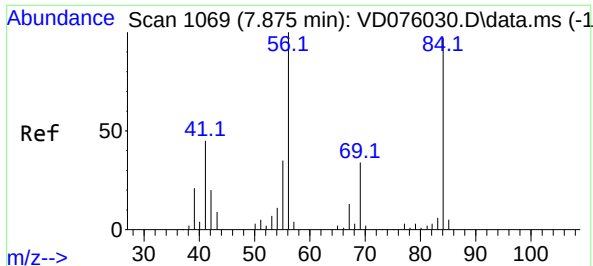
Tgt Ion: 83 Resp: 229724
Ion Ratio Lower Upper
83 100
85 64.3 44.4 82.5



#27
1,2-Dichloroethane
Concen: 26.965 ug/L
RT: 8.322 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VD076030.D
Acq: 08 May 2023 10:20

Tgt Ion: 62 Resp: 127536
Ion Ratio Lower Upper
62 100
98 12.3 10.2 15.2





#29

Cyclohexane

Concen: 29.442 ug/L

RT: 7.875 min Scan# 1069

Delta R.T. 0.000 min

Lab File: VD076030.D

Acq: 08 May 2023 10:20

Instrument :

MSVOA_D

ClientSampleId :

VSTD025152

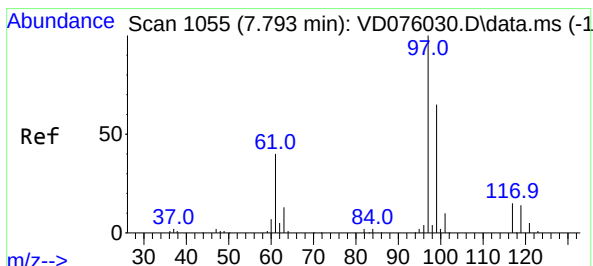
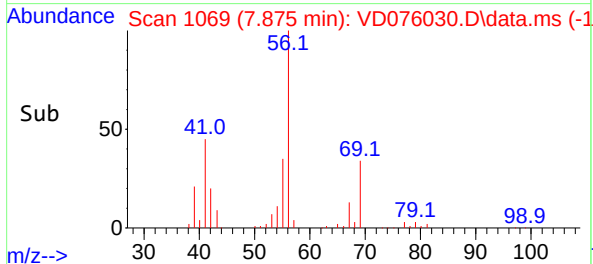
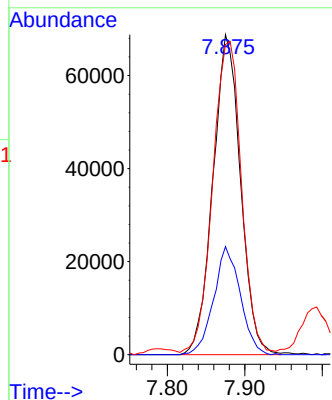
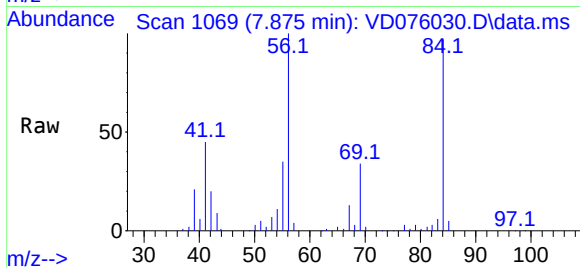
Tgt Ion: 56 Resp: 170209

Ion Ratio Lower Upper

56 100

69 32.5 28.2 42.2

84 102.0 92.4 138.6



#30

1,1,1-Trichloroethane

Concen: 26.791 ug/L

RT: 7.793 min Scan# 1055

Delta R.T. 0.000 min

Lab File: VD076030.D

Acq: 08 May 2023 10:20

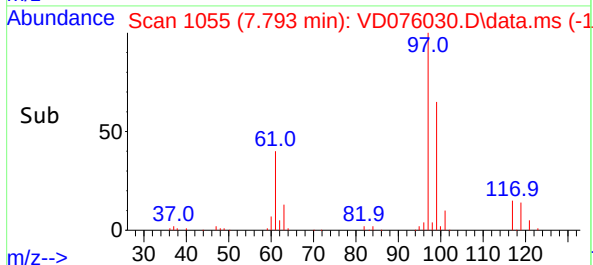
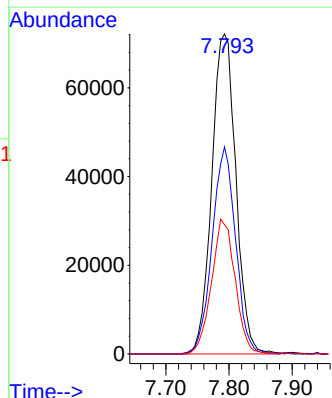
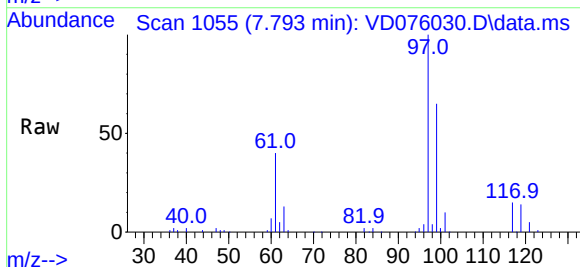
Tgt Ion: 97 Resp: 191420

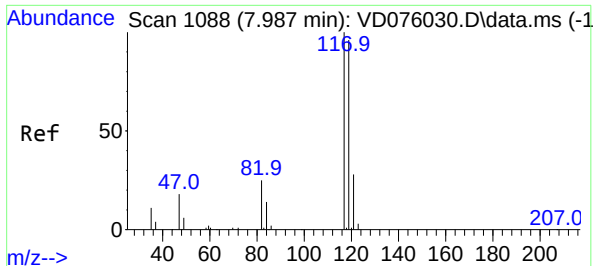
Ion Ratio Lower Upper

97 100

99 62.8 51.5 77.3

61 41.2 32.1 48.1

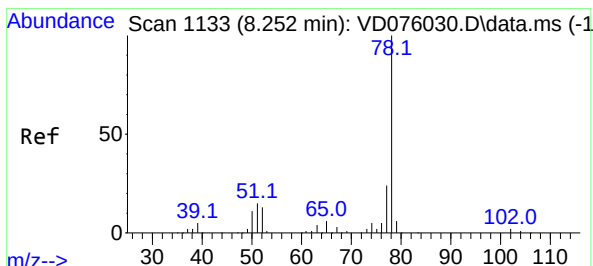
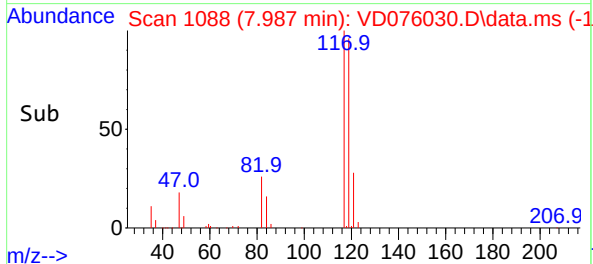
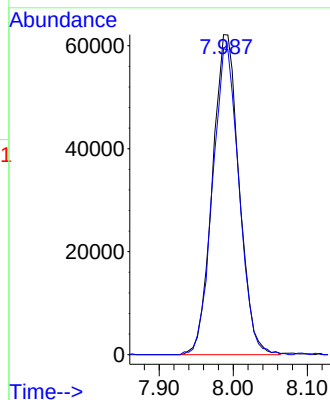
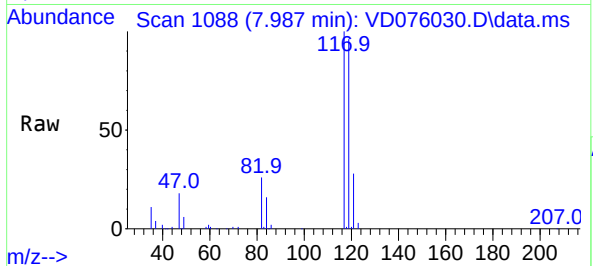




#31
Carbon tetrachloride
Concen: 27.082 ug/L
RT: 7.987 min Scan# 1088
Delta R.T. 0.000 min
Lab File: VD076030.D
Acq: 08 May 2023 10:20

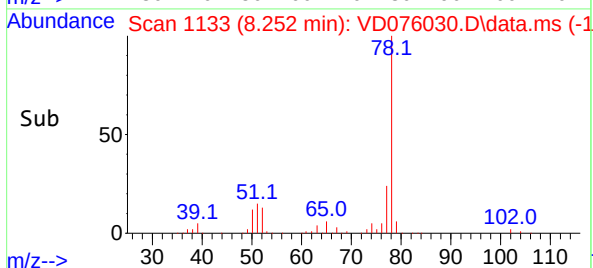
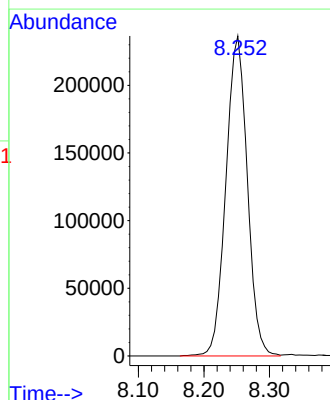
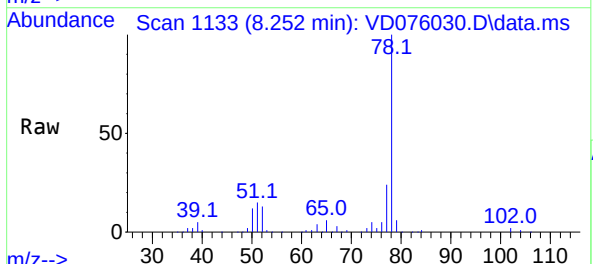
Instrument :
MSVOA_D
ClientSampleId :
VSTD025152

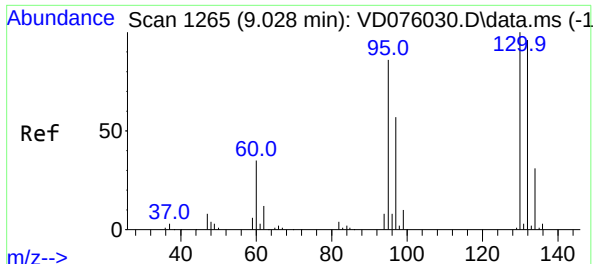
Tgt Ion:117 Resp: 155242
Ion Ratio Lower Upper
117 100
119 95.4 78.2 117.4



#33
Benzene
Concen: 26.223 ug/L
RT: 8.252 min Scan# 1133
Delta R.T. 0.006 min
Lab File: VD076030.D
Acq: 08 May 2023 10:20

Tgt Ion: 78 Resp: 535667

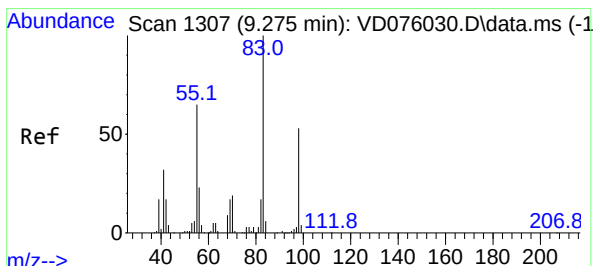
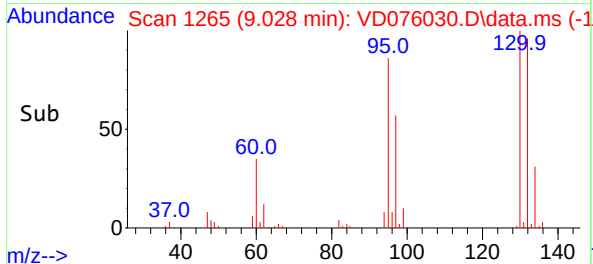
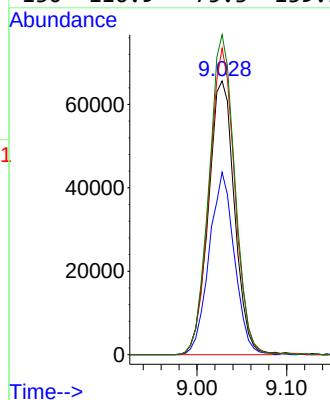
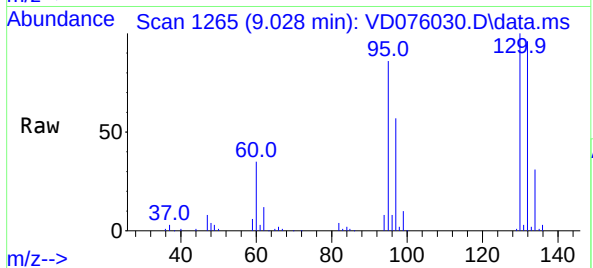




#34
Trichloroethene
Concen: 25.125 ug/L
RT: 9.028 min Scan# 1265
Delta R.T. 0.000 min
Lab File: VD076030.D
Acq: 08 May 2023 10:20

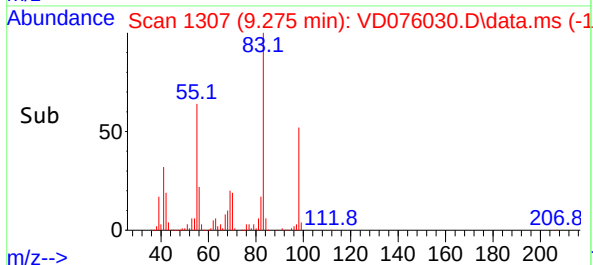
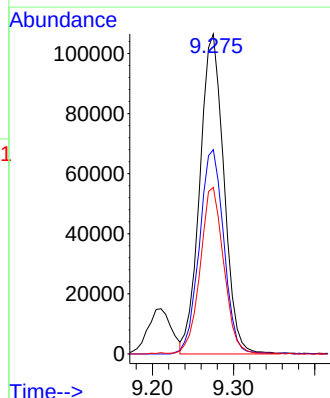
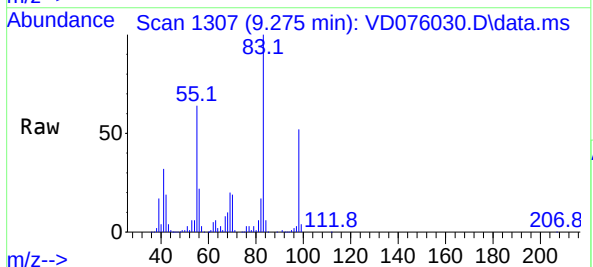
Instrument :
MSVOA_D
ClientSampleId :
VSTD025152

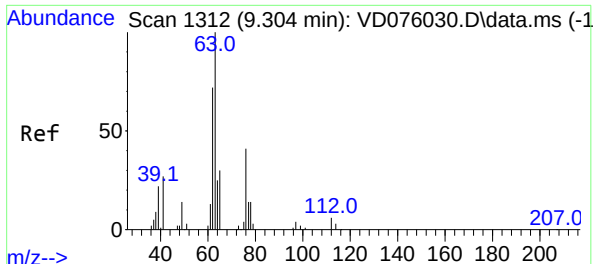
Tgt Ion: 95 Resp: 132726
Ion Ratio Lower Upper
95 100
97 66.6 46.0 85.4
132 112.0 73.3 136.1
130 116.9 75.3 139.9



#35
Methylcyclohexane
Concen: 26.948 ug/L
RT: 9.275 min Scan# 1307
Delta R.T. 0.000 min
Lab File: VD076030.D
Acq: 08 May 2023 10:20

Tgt Ion: 83 Resp: 219479
Ion Ratio Lower Upper
83 100
55 64.8 48.2 72.2
98 50.8 40.8 61.2

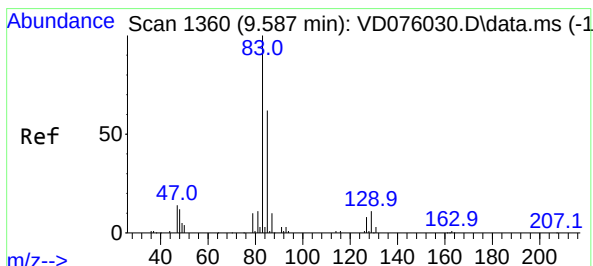
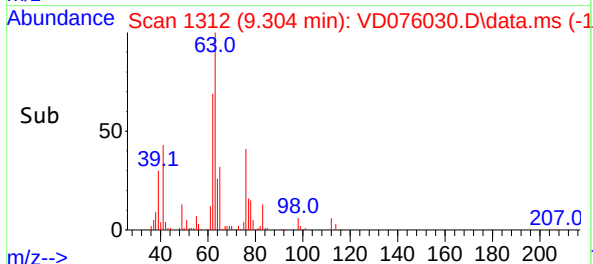
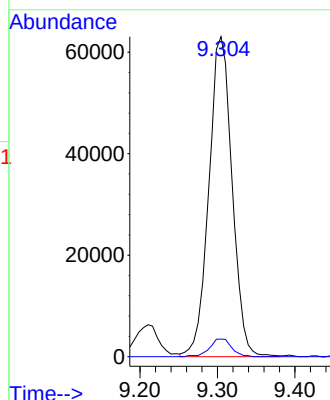
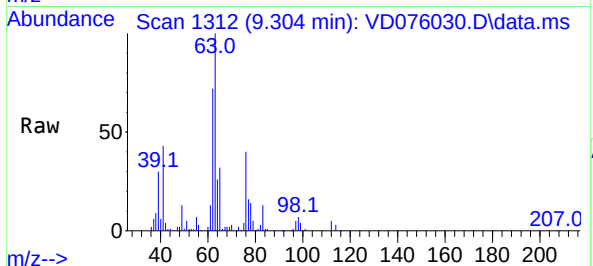




#37
1,2-Dichloropropane
Concen: 27.989 ug/L
RT: 9.304 min Scan# 1312
Delta R.T. 0.000 min
Lab File: VD076030.D
Acq: 08 May 2023 10:20

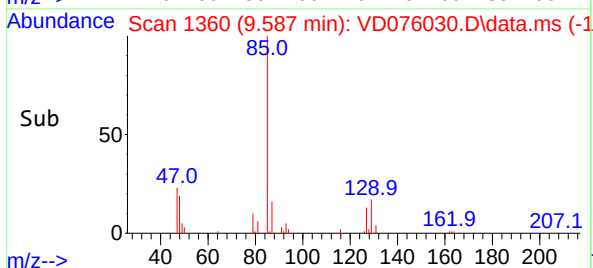
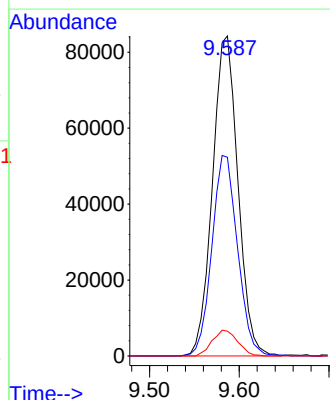
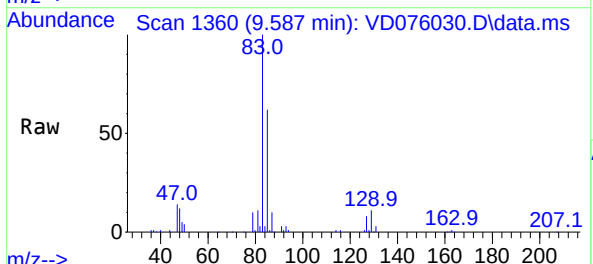
Instrument :
MSVOA_D
ClientSampleId :
VSTD025152

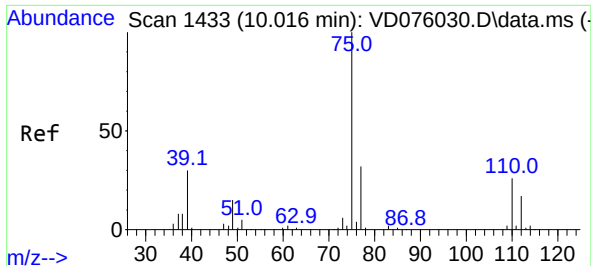
Tgt Ion: 63 Resp: 131332
Ion Ratio Lower Upper
63 100
112 5.1 4.0 6.0



#38
Bromodichloromethane
Concen: 26.263 ug/L
RT: 9.587 min Scan# 1360
Delta R.T. 0.006 min
Lab File: VD076030.D
Acq: 08 May 2023 10:20

Tgt Ion: 83 Resp: 166162
Ion Ratio Lower Upper
83 100
85 62.1 44.2 82.2
127 7.7 6.3 9.5

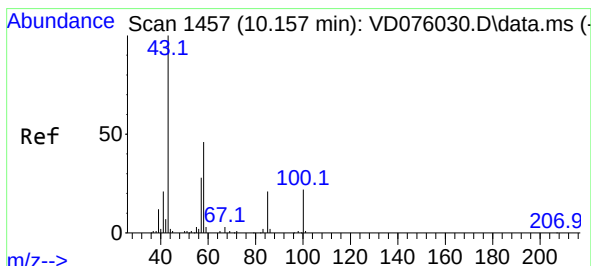
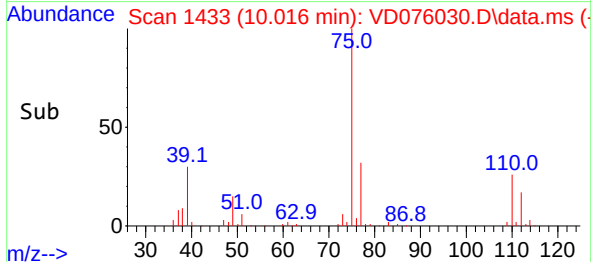
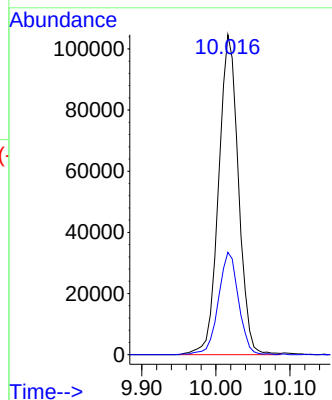
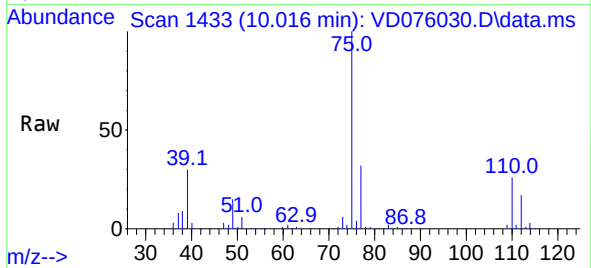




#39
cis-1,3-Dichloropropene
Concen: 26.071 ug/L
RT: 10.016 min Scan# 1433
Delta R.T. 0.000 min
Lab File: VD076030.D
Acq: 08 May 2023 10:20

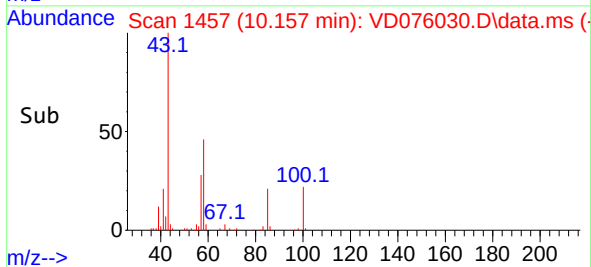
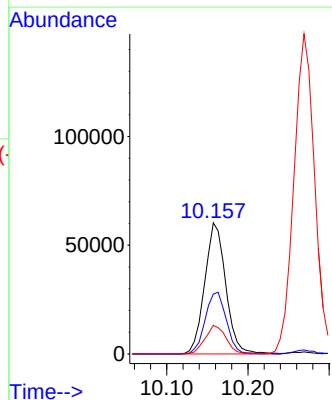
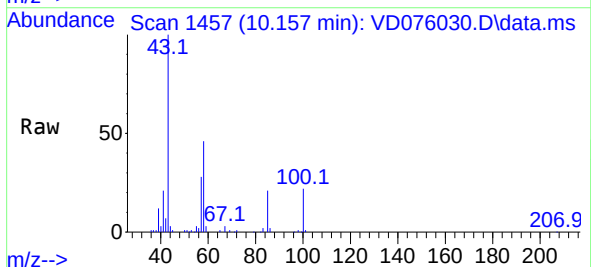
Instrument :
MSVOA_D
ClientSampleId :
VSTD025152

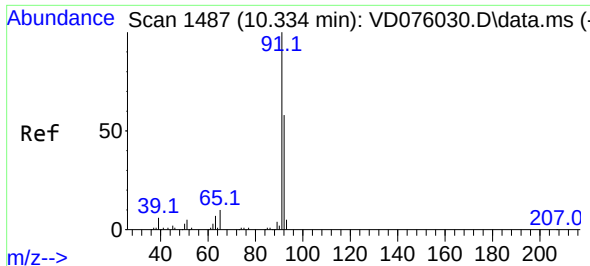
Tgt Ion: 75 Resp: 194555
Ion Ratio Lower Upper
75 100
77 32.0 23.4 43.6



#40
4-Methyl-2-pentanone
Concen: 63.628 ug/L
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD076030.D
Acq: 08 May 2023 10:20

Tgt Ion: 43 Resp: 108855
Ion Ratio Lower Upper
43 100
58 47.0 39.1 58.7
100 21.6 19.4 29.0

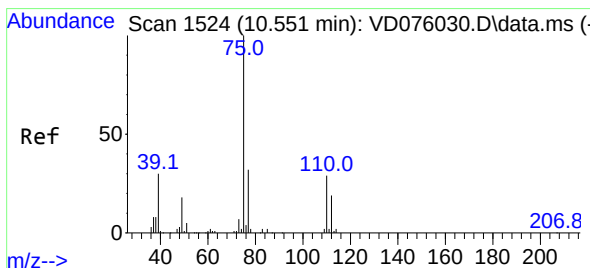
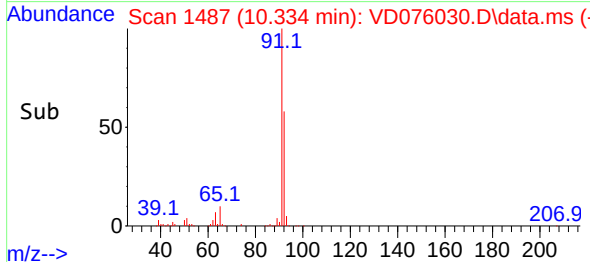
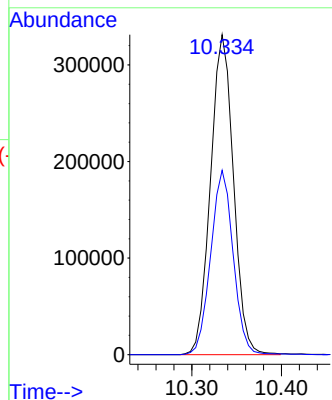
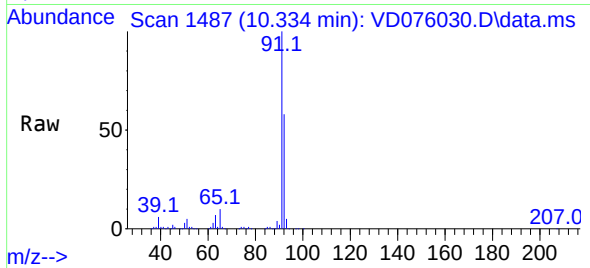




#42
Toluene
Concen: 26.639 ug/L
RT: 10.334 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VD076030.D
Acq: 08 May 2023 10:20

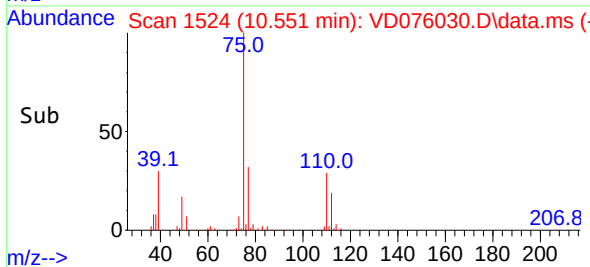
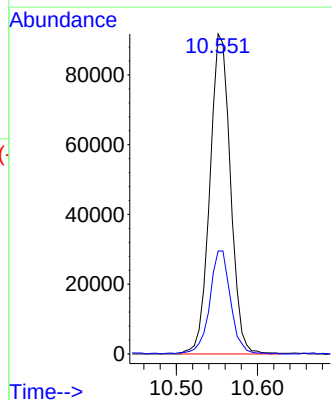
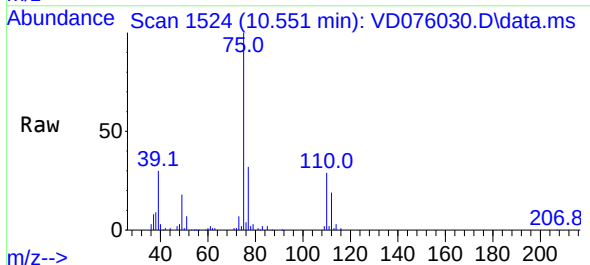
Instrument :
MSVOA_D
ClientSampleId :
VSTD025152

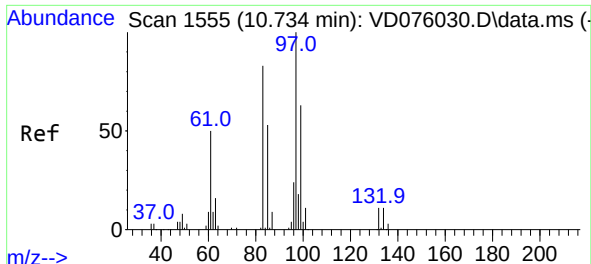
Tgt Ion: 91 Resp: 588866
Ion Ratio Lower Upper
91 100
92 57.6 39.3 72.9



#44
trans-1,3-Dichloropropene
Concen: 26.965 ug/L
RT: 10.551 min Scan# 1524
Delta R.T. 0.000 min
Lab File: VD076030.D
Acq: 08 May 2023 10:20

Tgt Ion: 75 Resp: 161648
Ion Ratio Lower Upper
75 100
77 32.1 22.0 41.0



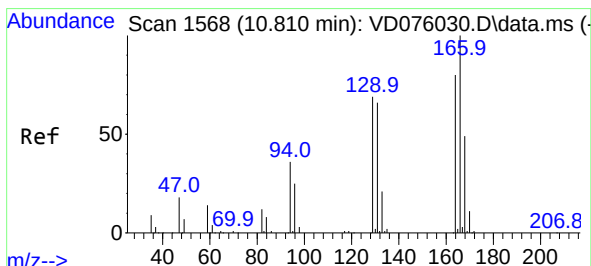
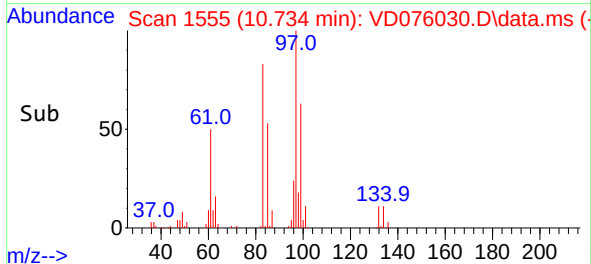
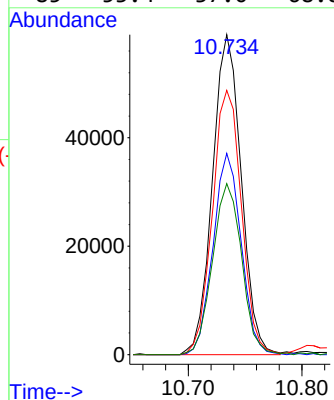
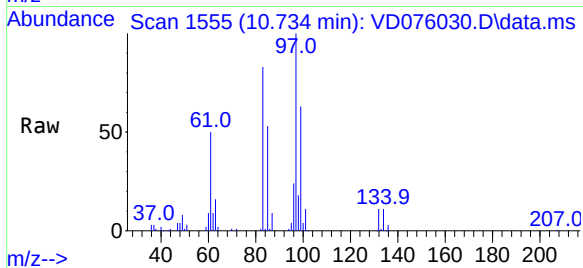


#45
1,1,2-Trichloroethane
Concen: 26.000 ug/L
RT: 10.734 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VD076030.D
Acq: 08 May 2023 10:20

Instrument :
MSVOA_D
ClientSampleId :
VSTD025152

Tgt Ion: 97 Resp: 103791

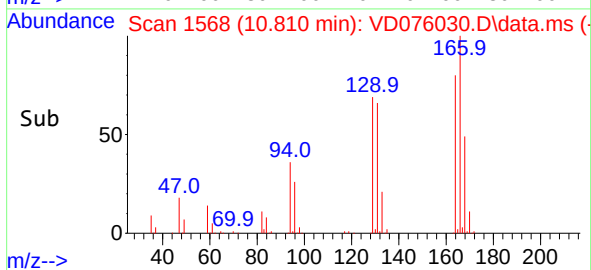
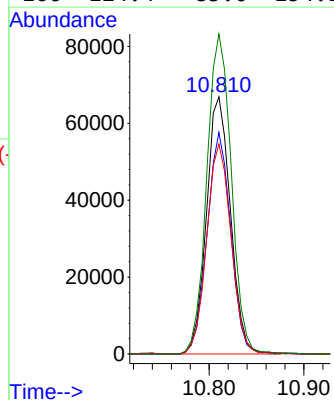
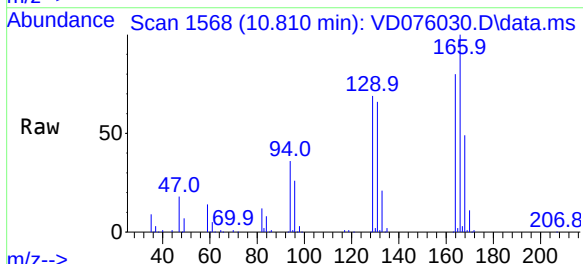
Ion	Ratio	Lower	Upper
97	100		
99	62.9	42.2	78.4
83	82.6	54.8	101.8
85	53.4	37.0	68.8

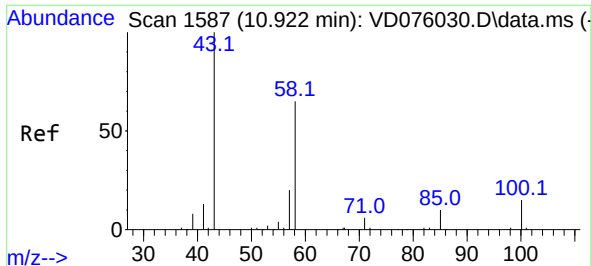


#46
Tetrachloroethene
Concen: 27.215 ug/L
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD076030.D
Acq: 08 May 2023 10:20

Tgt Ion: 164 Resp: 117918

Ion	Ratio	Lower	Upper
164	100		
129	86.1	60.3	112.1
131	81.6	58.9	109.3
166	124.4	83.0	154.1



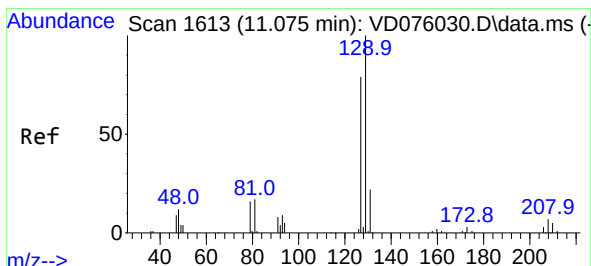
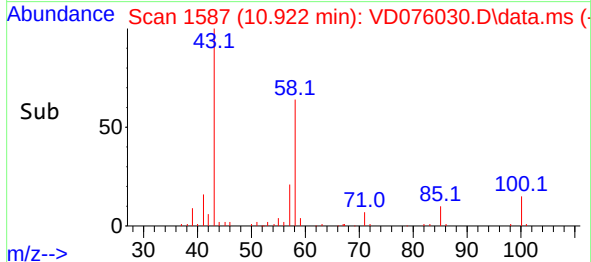
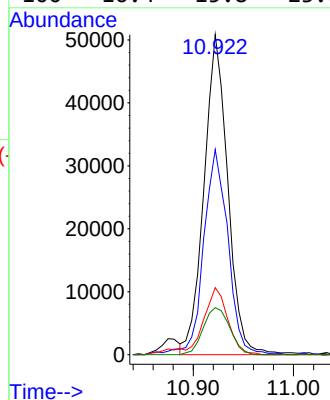
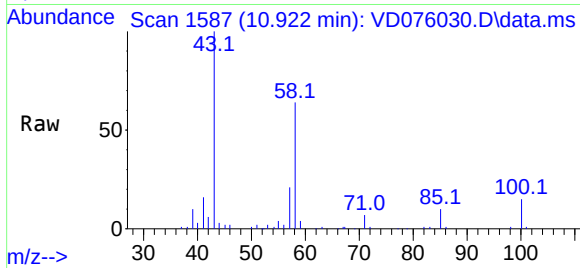


#48
2-Hexanone
Concen: 69.512 ug/L
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD076030.D
Acq: 08 May 2023 10:20

Instrument :
MSVOA_D
ClientSampleId :
VSTD025152

Tgt Ion: 43 Resp: 83837

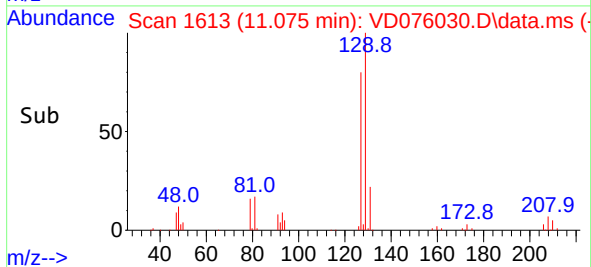
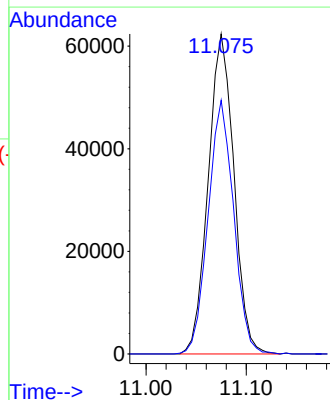
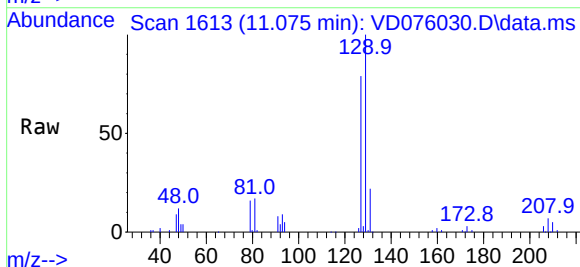
Ion	Ratio	Lower	Upper
43	100		
58	64.3	59.7	89.5
57	19.5	17.9	26.9
100	16.4	15.8	23.6

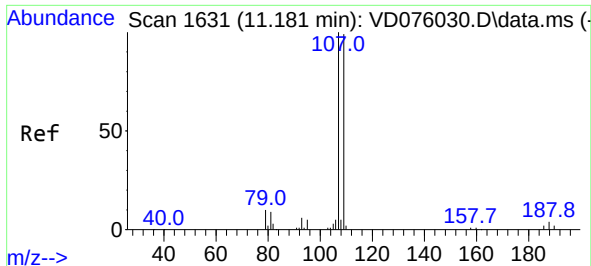


#49
Dibromochloromethane
Concen: 25.588 ug/L
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD076030.D
Acq: 08 May 2023 10:20

Tgt Ion: 129 Resp: 111201

Ion	Ratio	Lower	Upper
129	100		
127	79.3	55.6	103.4



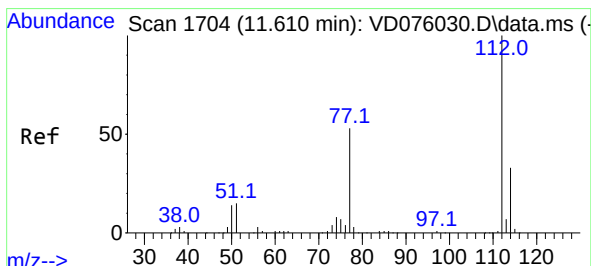
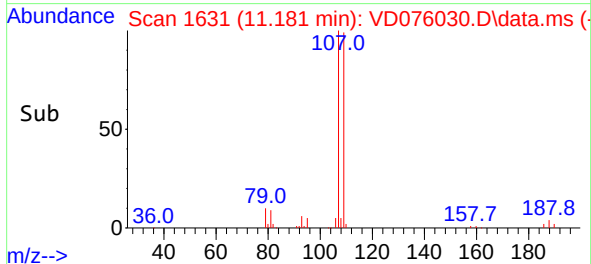
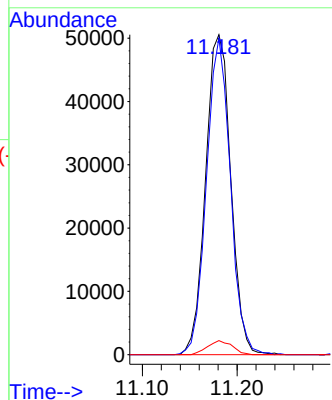
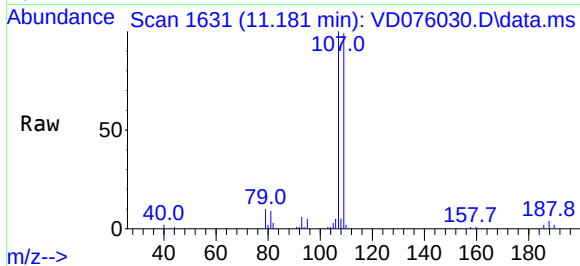


#50
1,2-Dibromoethane
Concen: 25.974 ug/L
RT: 11.181 min Scan# 1631
Delta R.T. 0.000 min
Lab File: VD076030.D
Acq: 08 May 2023 10:20

Instrument :
MSVOA_D
ClientSampleId :
VSTD025152

Tgt Ion:107 Resp: 93482

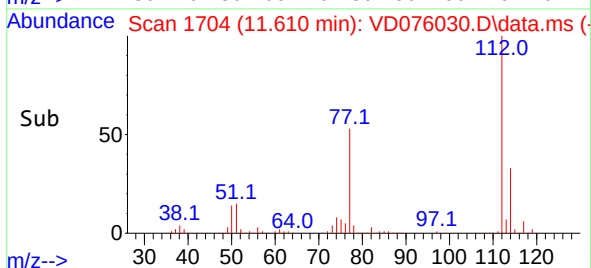
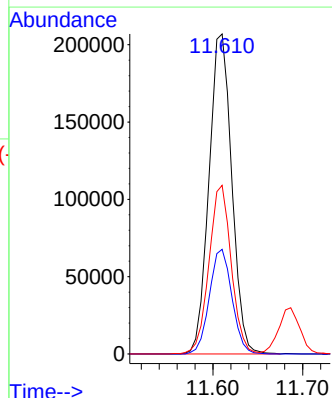
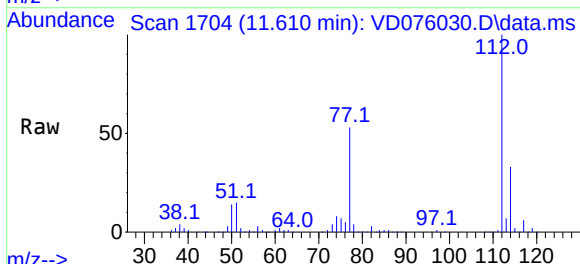
Ion	Ratio	Lower	Upper
107	100		
109	98.9	67.6	125.6
188	4.4	3.0	4.6

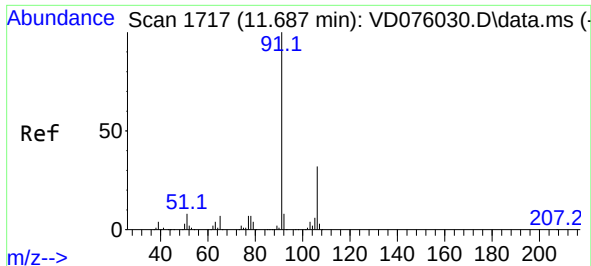


#51
Chlorobenzene
Concen: 25.257 ug/L
RT: 11.610 min Scan# 1704
Delta R.T. 0.000 min
Lab File: VD076030.D
Acq: 08 May 2023 10:20

Tgt Ion:112 Resp: 365249

Ion	Ratio	Lower	Upper
112	100		
114	32.7	23.0	42.8
77	52.7	39.7	59.5

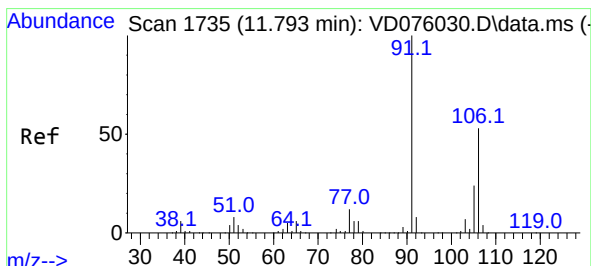
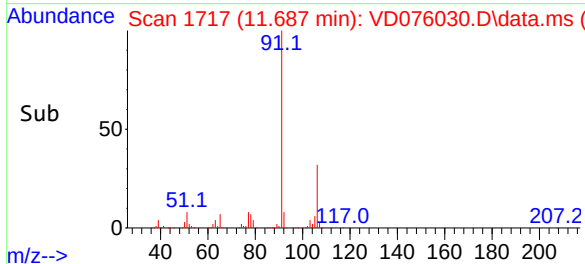
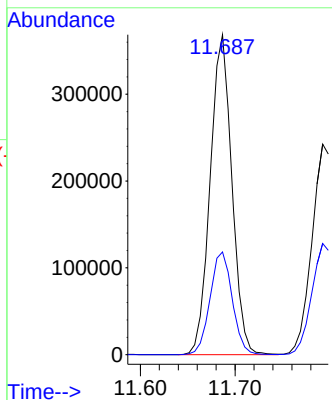
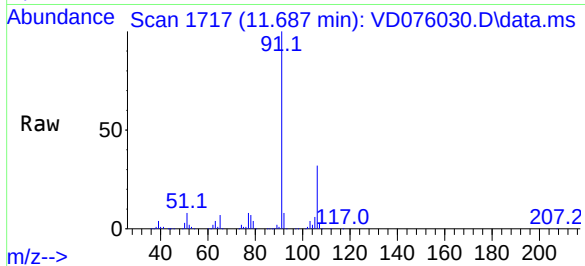




#52
Ethylbenzene
Concen: 25.870 ug/L
RT: 11.687 min Scan# 1717
Delta R.T. 0.000 min
Lab File: VD076030.D
Acq: 08 May 2023 10:20

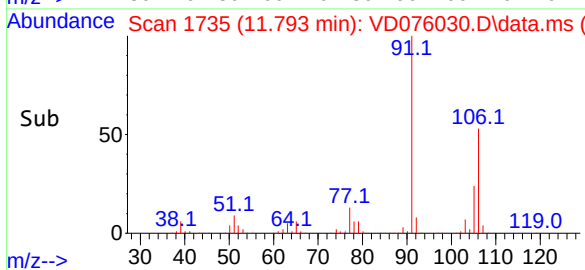
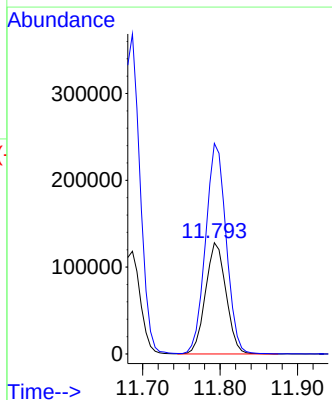
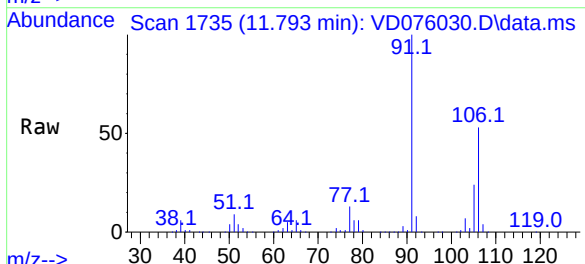
Instrument :
MSVOA_D
ClientSampleId :
VSTD025152

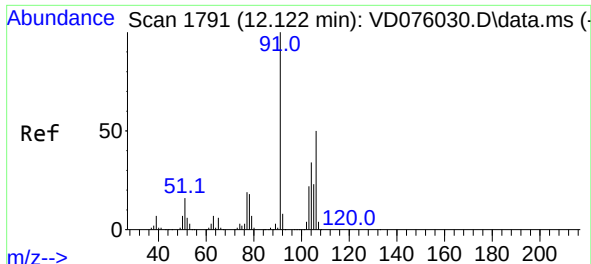
Tgt Ion: 91 Resp: 586412
Ion Ratio Lower Upper
91 100
106 32.1 23.7 43.9



#53
m,p-Xylene
Concen: 26.100 ug/L
RT: 11.793 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VD076030.D
Acq: 08 May 2023 10:20

Tgt Ion: 106 Resp: 235586
Ion Ratio Lower Upper
106 100
91 189.4 130.9 243.1

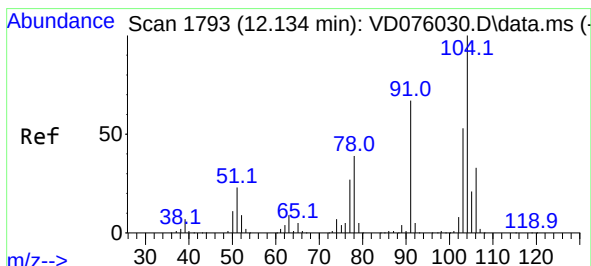
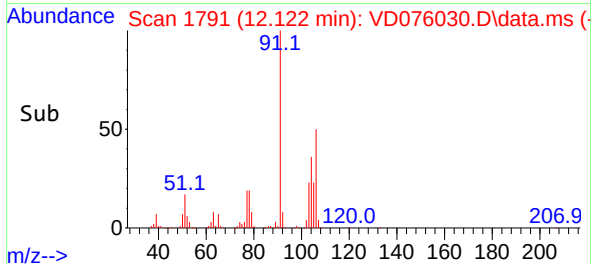
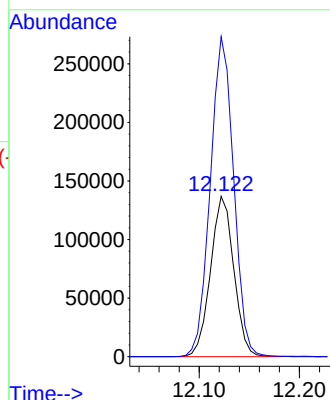
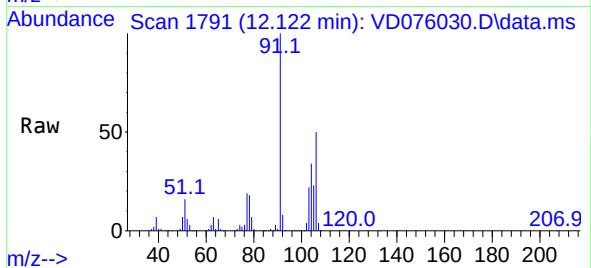




#54
o-Xylene
Concen: 25.771 ug/L
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD076030.D
Acq: 08 May 2023 10:20

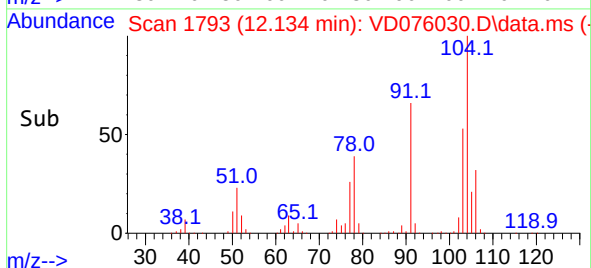
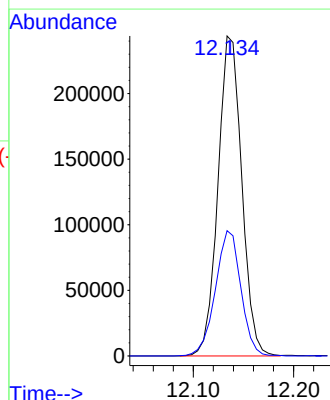
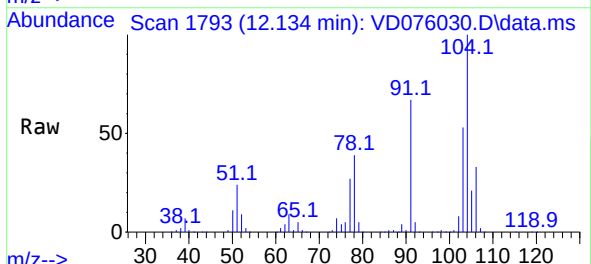
Instrument :
MSVOA_D
ClientSampleId :
VSTD025152

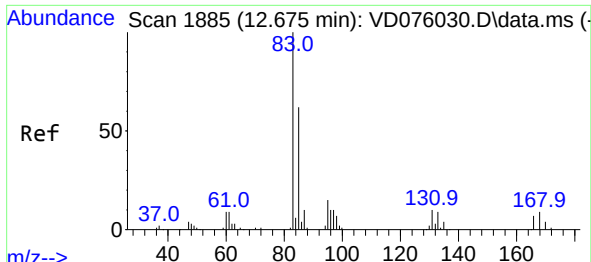
Tgt Ion:106 Resp: 220941
Ion Ratio Lower Upper
106 100
91 199.5 139.8 259.6



#55
Styrene
Concen: 26.924 ug/L
RT: 12.134 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD076030.D
Acq: 08 May 2023 10:20

Tgt Ion:104 Resp: 401748
Ion Ratio Lower Upper
104 100
78 39.1 26.2 48.6

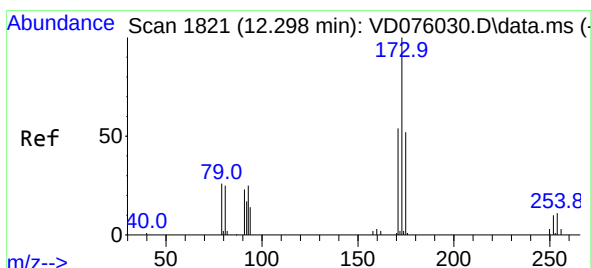
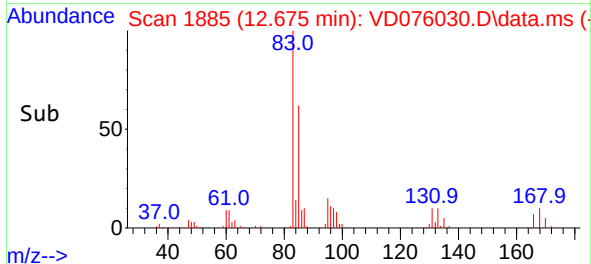
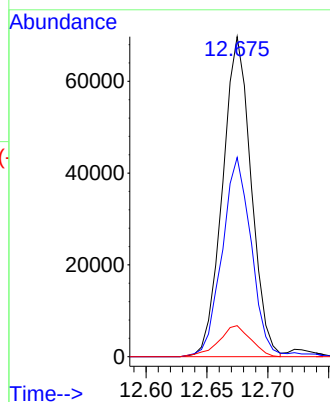
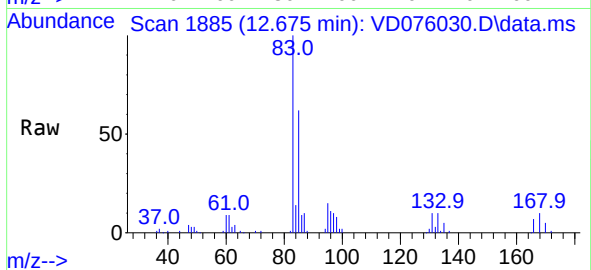




#57
1,1,2,2-Tetrachloroethane
Concen: 28.056 ug/L
RT: 12.675 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VD076030.D
Acq: 08 May 2023 10:20

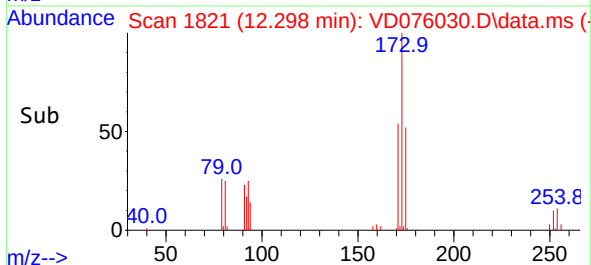
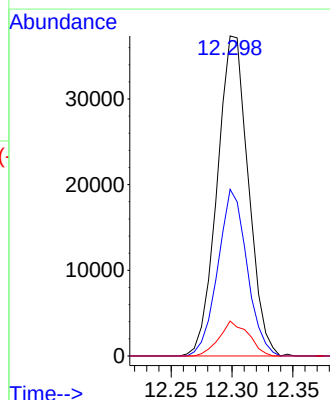
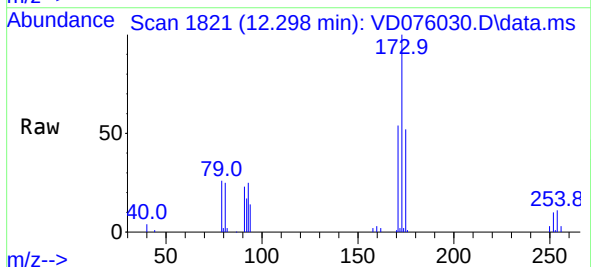
Instrument :
MSVOA_D
ClientSampleId :
VSTD025152

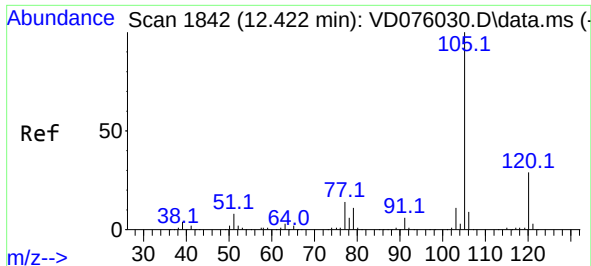
Tgt Ion: 83 Resp: 113954
Ion Ratio Lower Upper
83 100
85 62.3 45.1 83.7
131 9.7 7.0 10.6



#59
Bromoform
Concen: 24.457 ug/L
RT: 12.298 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD076030.D
Acq: 08 May 2023 10:20

Tgt Ion: 173 Resp: 66486
Ion Ratio Lower Upper
173 100
175 48.8 39.4 59.0
254 10.2 7.4 11.2

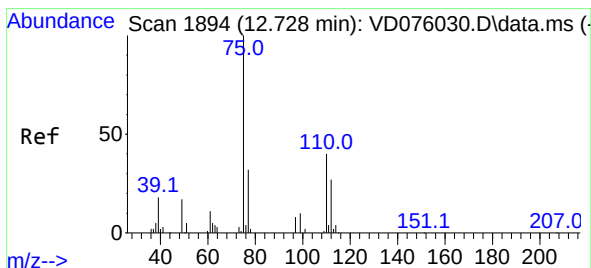
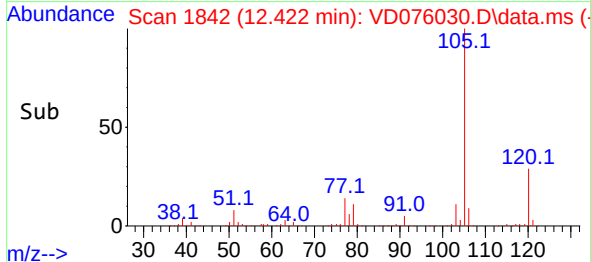
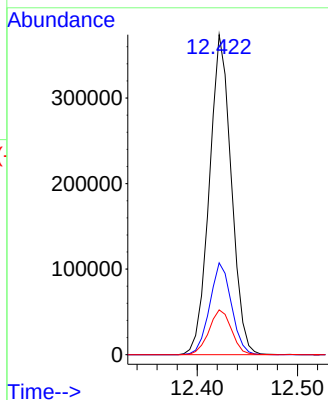
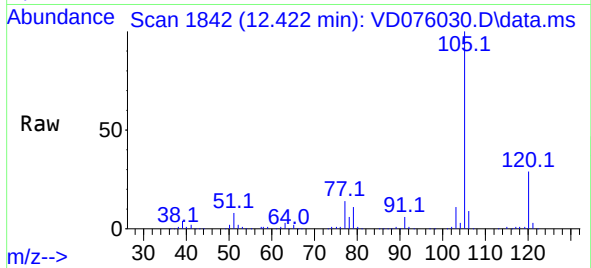




#60
Isopropylbenzene
Concen: 24.186 ug/L
RT: 12.422 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VD076030.D
Acq: 08 May 2023 10:20

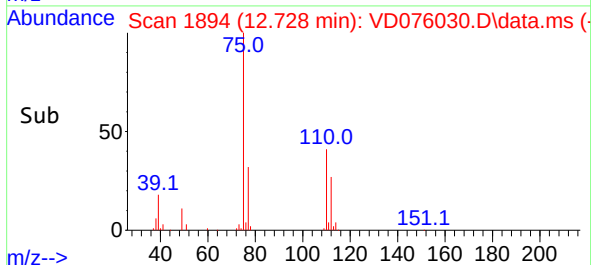
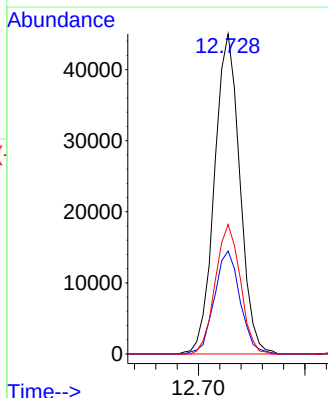
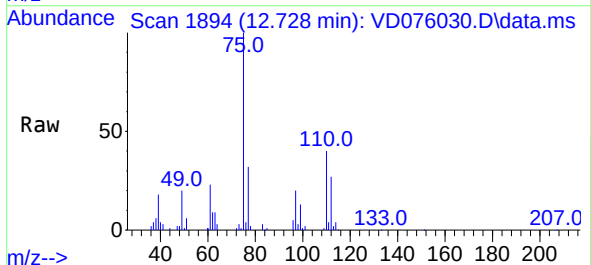
Instrument :
MSVOA_D
ClientSampleId :
VSTD025152

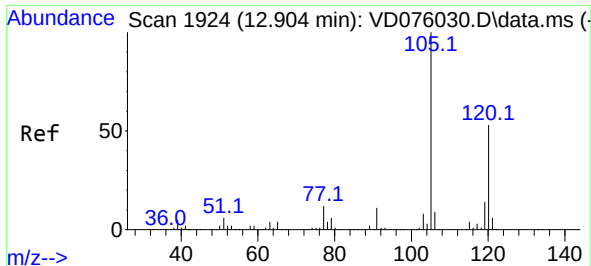
Tgt Ion:105 Resp: 568846
Ion Ratio Lower Upper
105 100
120 28.5 22.7 34.1
77 14.4 10.9 16.3



#61
1,2,3-Trichloropropane
Concen: 26.714 ug/L
RT: 12.728 min Scan# 1894
Delta R.T. 0.000 min
Lab File: VD076030.D
Acq: 08 May 2023 10:20

Tgt Ion: 75 Resp: 74435
Ion Ratio Lower Upper
75 100
77 32.6 26.6 39.8
110 39.8 33.5 50.3

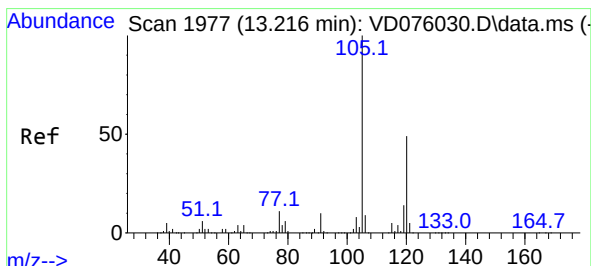
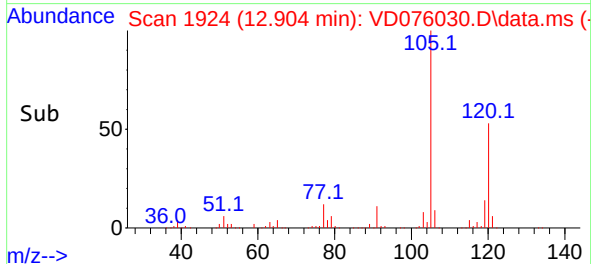
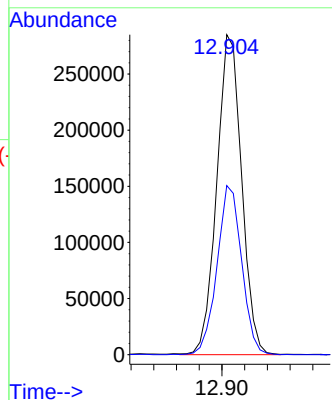
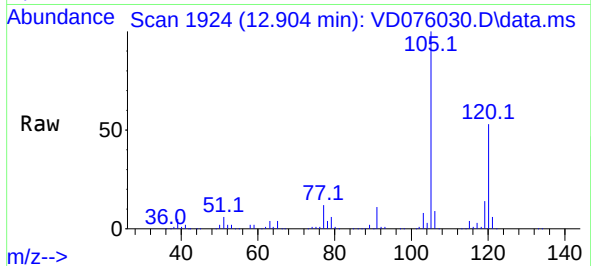




#62
1,3,5-Trimethylbenzene
Concen: 24.728 ug/L
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD076030.D
Acq: 08 May 2023 10:20

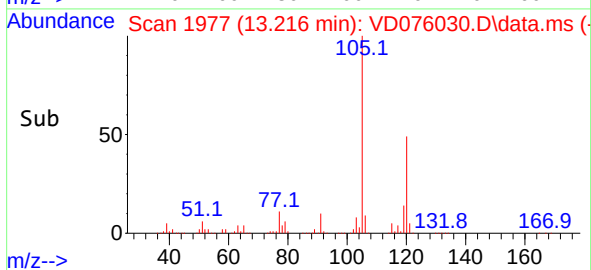
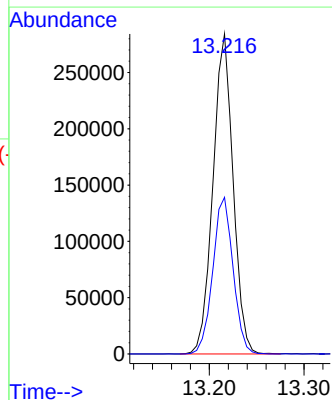
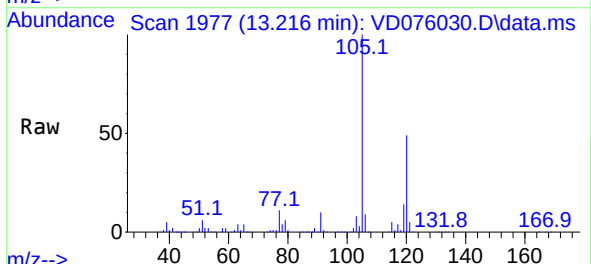
Instrument :
MSVOA_D
ClientSampleId :
VSTD025152

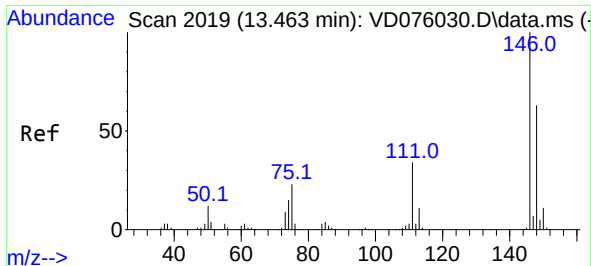
Tgt Ion:105 Resp: 433681
Ion Ratio Lower Upper
105 100
120 52.4 42.0 63.0



#63
1,2,4-Trimethylbenzene
Concen: 24.885 ug/L
RT: 13.216 min Scan# 1977
Delta R.T. 0.000 min
Lab File: VD076030.D
Acq: 08 May 2023 10:20

Tgt Ion:105 Resp: 420707
Ion Ratio Lower Upper
105 100
120 49.3 39.0 58.6

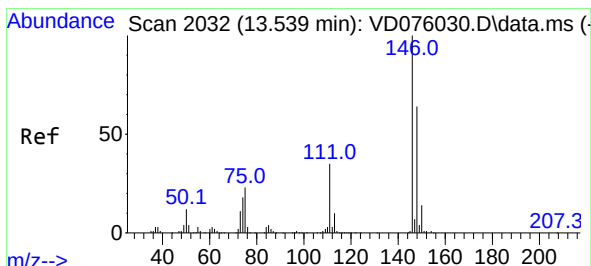
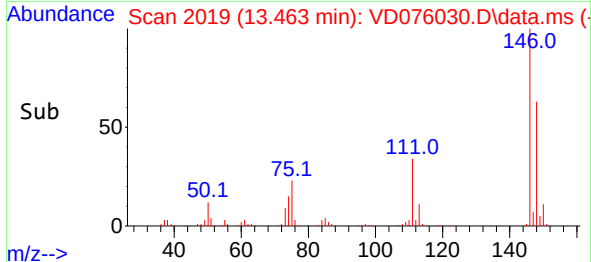
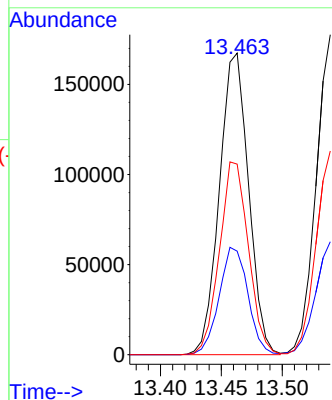
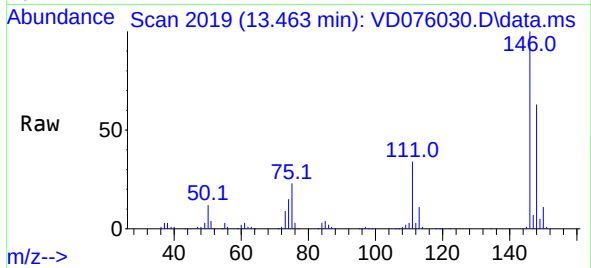




#64
1,3-Dichlorobenzene
Concen: 24.825 ug/L
RT: 13.463 min Scan# 2019
Delta R.T. 0.006 min
Lab File: VD076030.D
Acq: 08 May 2023 10:20

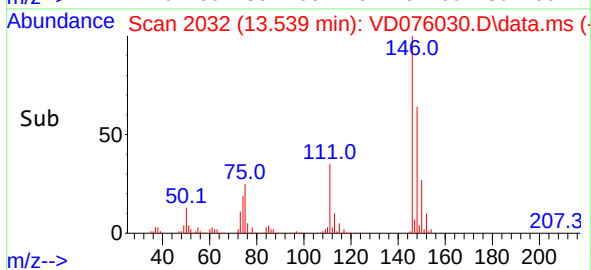
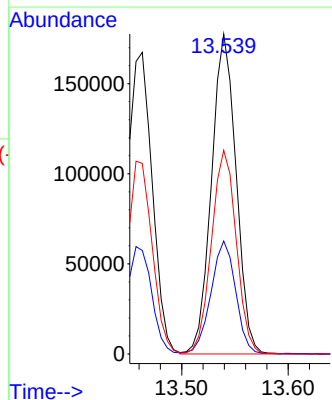
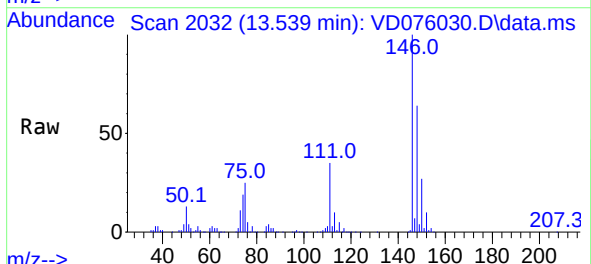
Instrument :
MSVOA_D
ClientSampleId :
VSTD025152

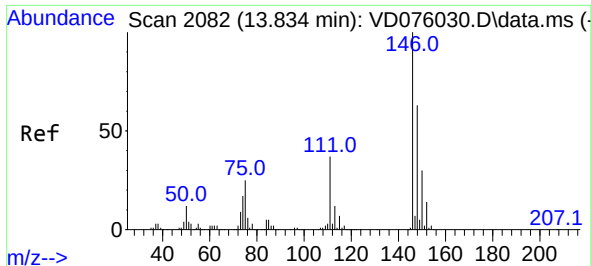
Tgt Ion:146 Resp: 279366
Ion Ratio Lower Upper
146 100
111 34.3 26.5 49.1
148 63.2 43.8 81.3



#65
1,4-Dichlorobenzene
Concen: 24.141 ug/L
RT: 13.539 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VD076030.D
Acq: 08 May 2023 10:20

Tgt Ion:146 Resp: 285121
Ion Ratio Lower Upper
146 100
111 35.3 24.6 45.8
148 63.7 44.4 82.4





#67

1,2-Dichlorobenzene

Concen: 24.460 ug/L

RT: 13.834 min Scan# 2082

Delta R.T. 0.000 min

Lab File: VD076030.D

Acq: 08 May 2023 10:20

Instrument :

MSVOA_D

ClientSampleId :

VSTD025152

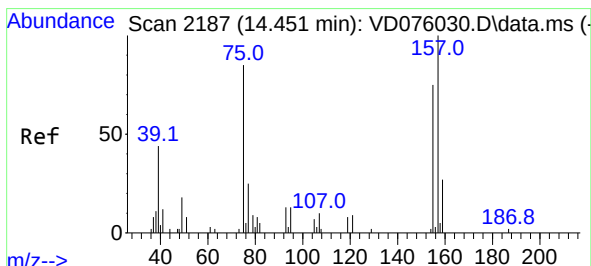
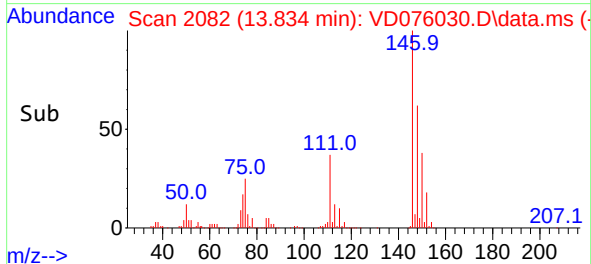
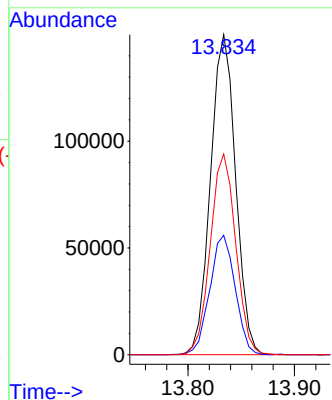
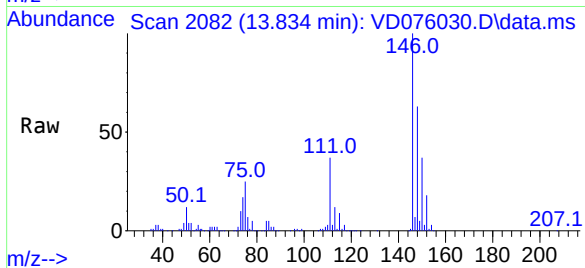
Tgt Ion:146 Resp: 245818

Ion Ratio Lower Upper

146 100

111 37.3 30.6 46.0

148 62.7 51.4 77.0



#68

1,2-Dibromo-3-chloropropane

Concen: 26.269 ug/L

RT: 14.451 min Scan# 2187

Delta R.T. 0.006 min

Lab File: VD076030.D

Acq: 08 May 2023 10:20

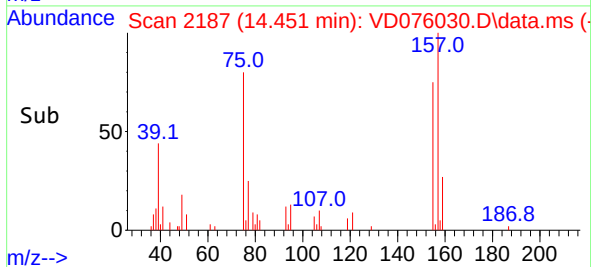
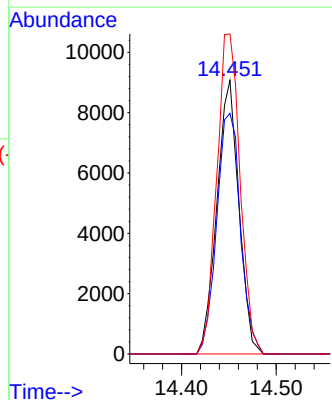
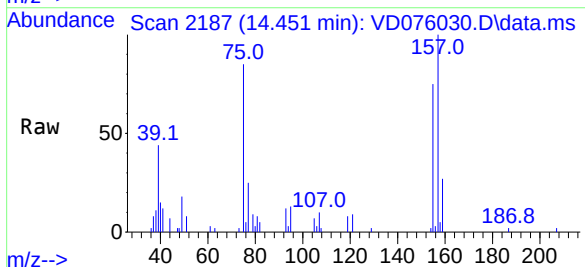
Tgt Ion: 75 Resp: 14633

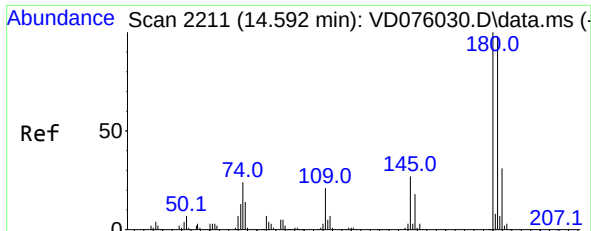
Ion Ratio Lower Upper

75 100

155 88.0 74.6 111.8

157 117.0 109.4 164.2



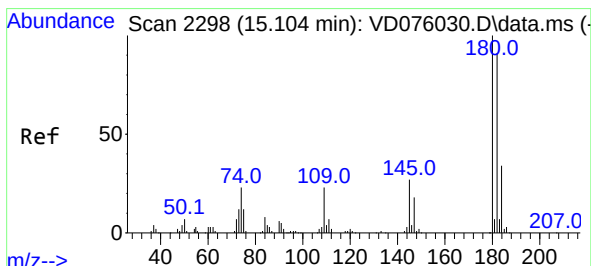
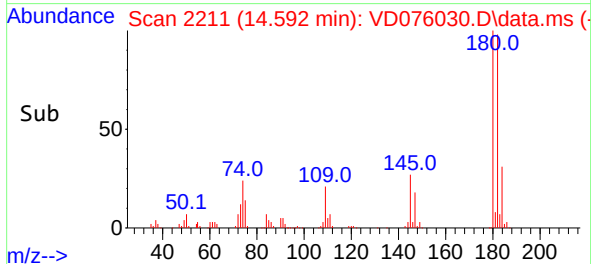
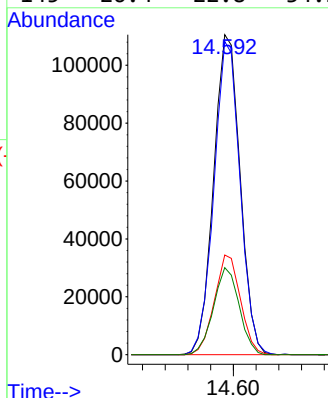
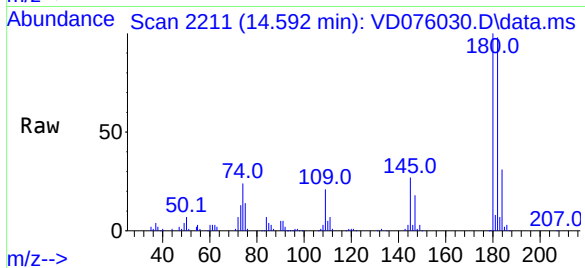


#69
1,3,5-Trichlorobenzene
Concen: 23.719 ug/L
RT: 14.592 min Scan# 21
Delta R.T. 0.000 min
Lab File: VD076030.D
Acq: 08 May 2023 10:20

Instrument :
MSVOA_D
ClientSampleId :
VSTD025152

Tgt Ion:180 Resp: 178912

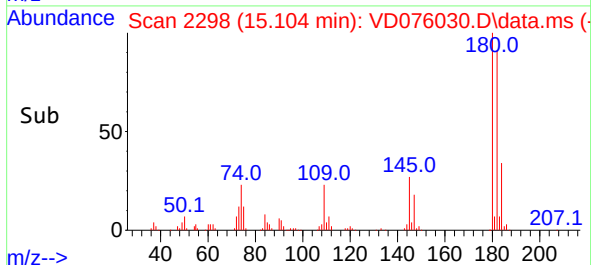
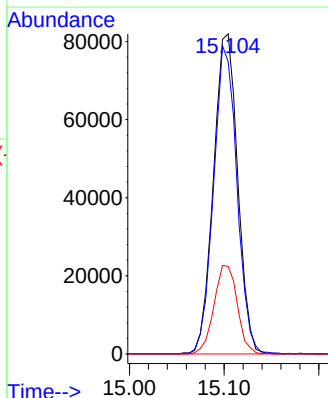
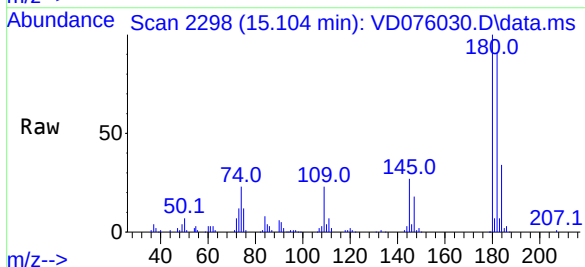
Ion	Ratio	Lower	Upper
180	100		
182	96.4	74.9	112.3
184	30.7	25.0	37.4
145	26.4	22.8	34.2

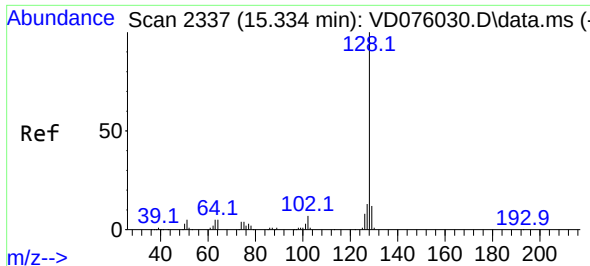


#70
1,2,4-trichlorobenzene
Concen: 23.293 ug/L
RT: 15.104 min Scan# 2298
Delta R.T. 0.006 min
Lab File: VD076030.D
Acq: 08 May 2023 10:20

Tgt Ion:180 Resp: 145601

Ion	Ratio	Lower	Upper
180	100		
182	92.9	75.4	113.2
145	26.6	23.6	35.4

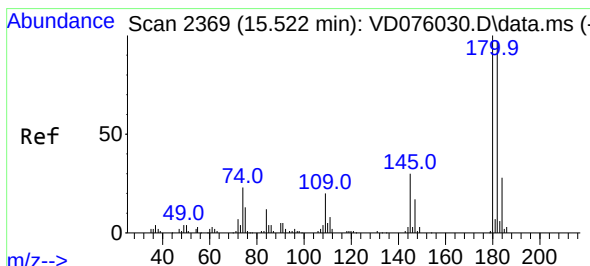
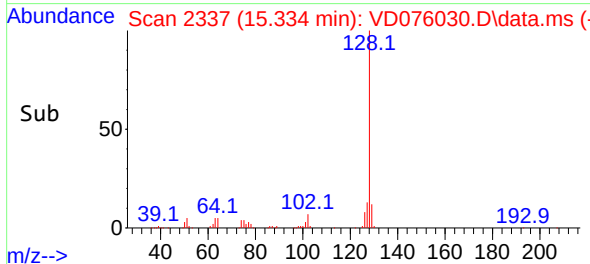
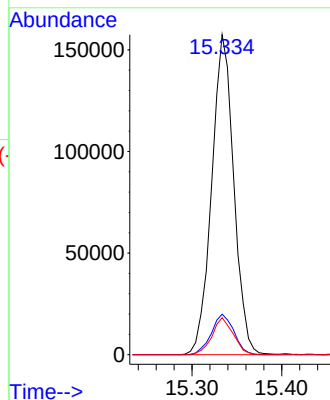
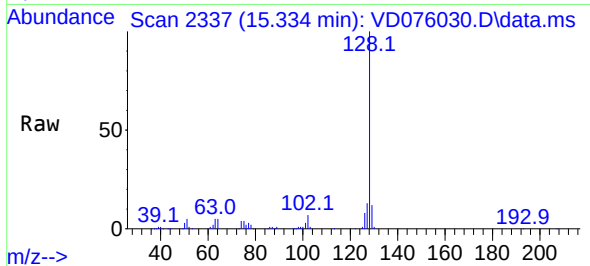




#71
Naphthalene
Concen: 23.542 ug/L
RT: 15.334 min Scan# 21
Delta R.T. 0.000 min
Lab File: VD076030.D
Acq: 08 May 2023 10:20

Instrument :
MSVOA_D
ClientSampleId :
VSTD025152

Tgt Ion:128 Resp: 269290
Ion Ratio Lower Upper
128 100
127 13.0 10.5 15.7
129 11.1 9.1 13.7



#72
1,2,3-Trichlorobenzene
Concen: 24.302 ug/L
RT: 15.522 min Scan# 2369
Delta R.T. 0.000 min
Lab File: VD076030.D
Acq: 08 May 2023 10:20

Tgt Ion:180 Resp: 135600
Ion Ratio Lower Upper
180 100
182 94.7 76.3 114.5
145 30.0 25.0 37.6

