

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051123\
 Data File : VD076073.D
 Acq On : 11 May 2023 11:33
 Operator : KP/SY
 Sample : VSTD025
 Misc : 5.00G/10.00ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD025148

Quant Time: May 12 01:49:11 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM051123SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri May 12 01:47:58 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	414100	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	373909	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	200955	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.269	65	128436	20.274	ug/L	0.00
7) Chloroethane-d5	2.799	69	119965	20.627	ug/L	0.00
11) 1,1-Dichloroethene-d2	3.911	65	31736	19.900	ug/L	0.00
21) 2-Butanone-d5	6.993	46	40824	47.340	ug/L	0.00
24) Chloroform-d	7.563	84	189884	21.887	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.228	65	82865	21.721	ug/L	0.00
32) Benzene-d6	8.199	84	373752	22.172	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.210	67	114407	22.026	ug/L	0.00
41) Toluene-d8	10.269	98	339984	22.631	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.528	79	44459	22.802	ug/L	0.00
47) 2-Hexanone-d5	10.875	63	35522	46.699	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.651	84	111976	25.034	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.816	152	125174	21.805	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.928	85	117050	22.600	ug/L	99
3) Chloromethane	2.146	50	169668	23.045	ug/L	100
5) Vinyl chloride	2.281	62	210797	22.427	ug/L	98
6) Bromomethane	2.687	94	130656	22.408	ug/L	97
8) Chloroethane	2.834	64	135834	22.522	ug/L	96
9) Trichlorofluoromethane	3.169	101	170674	22.180	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	3.958	101	119902	21.874	ug/L	97
12) 1,1-Dichloroethene	3.940	96	109895	22.369	ug/L #	81
13) Acetone	4.022	43	34868	45.720	ug/L	73
14) Carbon disulfide	4.269	76	344641	22.529	ug/L	99
15) Methyl Acetate	4.558	43	36665	22.283	ug/L	93
16) Methylene chloride	4.799	84	141294	20.984	ug/L	96
17) trans-1,2-Dichloroethene	5.310	96	121314	23.063	ug/L	97
18) Methyl tert-butyl Ether	5.316	73	222897	23.878	ug/L	98
19) 1,1-Dichloroethane	6.110	63	203867	22.738	ug/L	98
20) cis-1,2-Dichloroethene	7.075	96	135625	23.257	ug/L	93
22) 2-Butanone	7.081	43	49863	46.824	ug/L #	64
23) Bromochloromethane	7.422	128	66898	23.469	ug/L #	90
25) Chloroform	7.593	83	223041	23.298	ug/L	96
27) 1,2-Dichloroethane	8.322	62	122623	24.307	ug/L	99
29) Cyclohexane	7.875	56	141685	22.844	ug/L	92
30) 1,1,1-Trichloroethane	7.793	97	172652	22.730	ug/L	99
31) Carbon tetrachloride	7.987	117	137615	22.998	ug/L	98
33) Benzene	8.251	78	497825	23.948	ug/L	100
34) Trichloroethene	9.028	95	122449	22.821	ug/L	94
35) Methylcyclohexane	9.275	83	189037	23.253	ug/L	96
37) 1,2-Dichloropropane	9.304	63	128794	24.291	ug/L	100
38) Bromodichloromethane	9.587	83	162263	23.886	ug/L	99
39) cis-1,3-Dichloropropene	10.016	75	184167	24.114	ug/L	97
40) 4-Methyl-2-pentanone	10.157	43	105715	49.466	ug/L	97
42) Toluene	10.334	91	553141	24.925	ug/L	99
44) trans-1,3-Dichloropropene	10.551	75	155218	24.357	ug/L	99

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 Quant Title : SFAM01.0
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 Response via : Initial Calibration

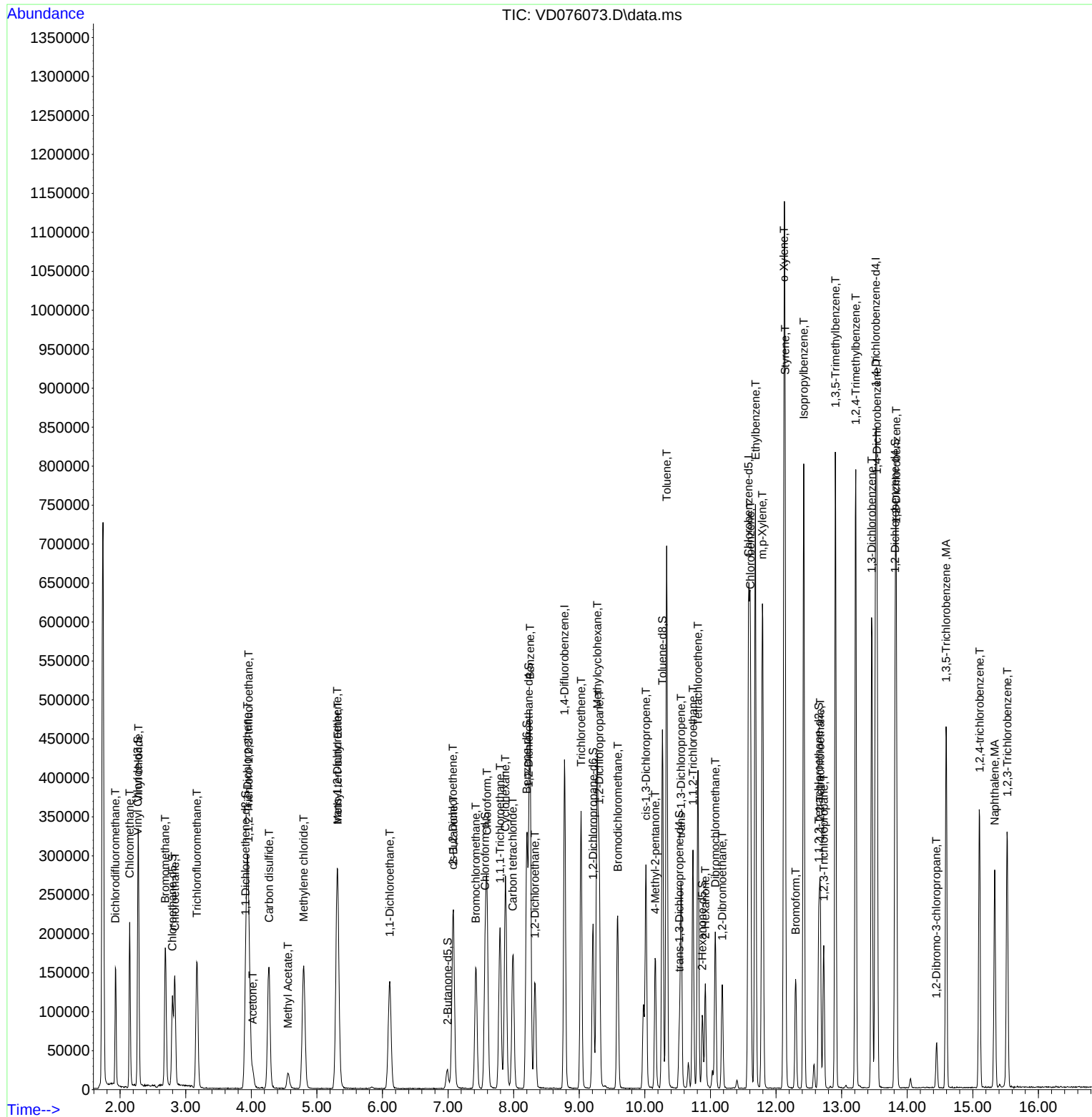
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.734	97	103467	24.167	ug/L	94
46) Tetrachloroethene	10.810	164	102225	22.805	ug/L	96
48) 2-Hexanone	10.922	43	77646	50.067	ug/L	93
49) Dibromochloromethane	11.075	129	111751	24.193	ug/L	96
50) 1,2-Dibromoethane	11.181	107	91458	24.188	ug/L	99
51) Chlorobenzene	11.610	112	358499	23.735	ug/L	99
52) Ethylbenzene	11.687	91	555213	24.116	ug/L	98
53) m,p-Xylene	11.792	106	223094	24.850	ug/L	99
54) o-Xylene	12.122	106	210203	24.688	ug/L	97
55) Styrene	12.140	104	382509	25.358	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.675	83	122460	25.550	ug/L	96
59) Bromoform	12.298	173	66504	22.774	ug/L	99
60) Isopropylbenzene	12.422	105	529140	23.191	ug/L	99
61) 1,2,3-Trichloropropane	12.728	75	78955	24.427	ug/L	98
62) 1,3,5-Trimethylbenzene	12.904	105	432518	24.707	ug/L	100
63) 1,2,4-Trimethylbenzene	13.216	105	431843	25.794	ug/L	99
64) 1,3-Dichlorobenzene	13.457	146	279417	23.587	ug/L	97
65) 1,4-Dichlorobenzene	13.539	146	283865	23.034	ug/L	100
67) 1,2-Dichlorobenzene	13.834	146	253695	23.479	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.445	75	14962	23.074	ug/L	88
69) 1,3,5-Trichlorobenzene	14.592	180	158882	21.107	ug/L	98
70) 1,2,4-trichlorobenzene	15.104	180	129723	21.775	ug/L	97
71) Naphthalene	15.333	128	253386	22.634	ug/L	99
72) 1,2,3-Trichlorobenzene	15.528	180	121811	22.485	ug/L	99

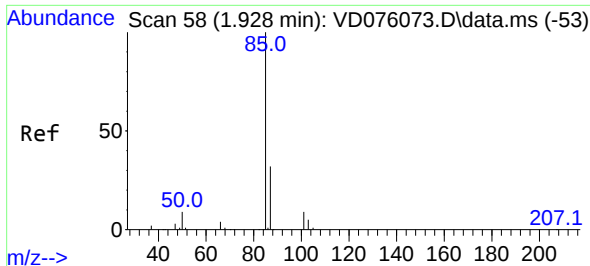
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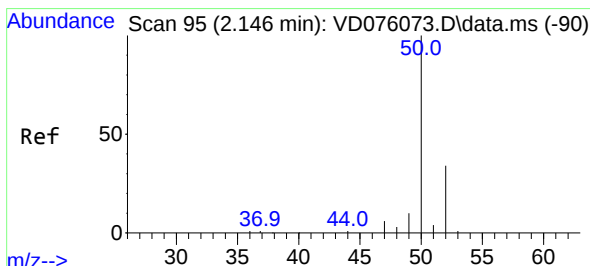
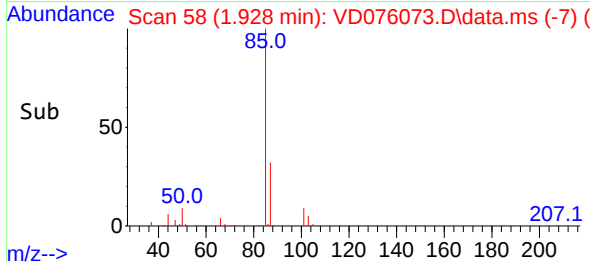
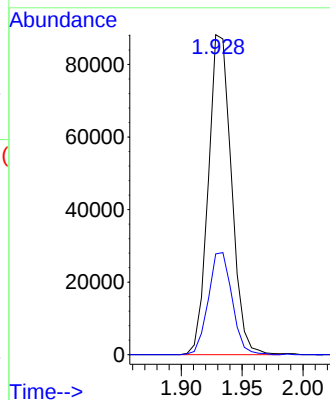
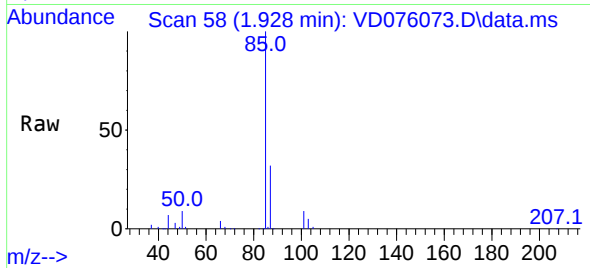




#2
Dichlorodifluoromethane
Concen: 22.600 ug/L
RT: 1.928 min Scan# 58
Delta R.T. 0.000 min
Lab File: VD076073.D
Acq: 11 May 2023 11:33

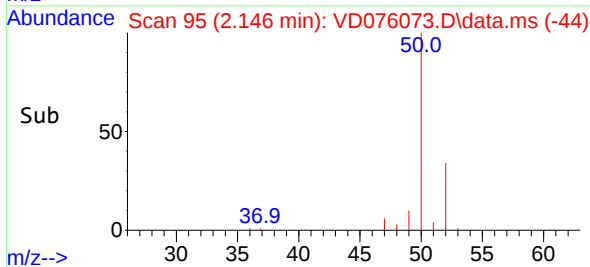
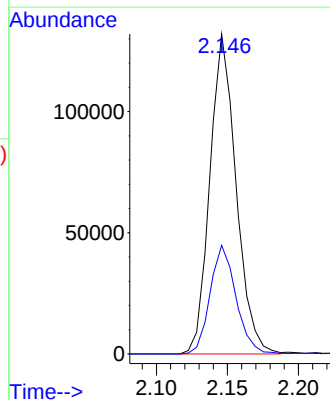
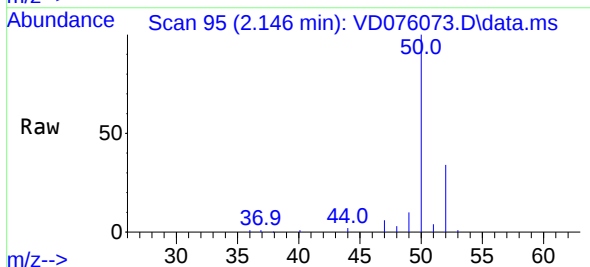
Instrument :
MSVOA_D
ClientSampleId :
VSTD025148

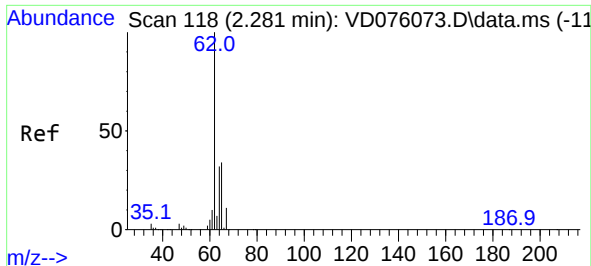
Tgt Ion: 85 Resp: 117050
Ion Ratio Lower Upper
85 100
87 32.7 25.8 38.8



#3
Chloromethane
Concen: 23.045 ug/L
RT: 2.146 min Scan# 95
Delta R.T. 0.000 min
Lab File: VD076073.D
Acq: 11 May 2023 11:33

Tgt Ion: 50 Resp: 169668
Ion Ratio Lower Upper
50 100
52 33.9 23.7 44.1

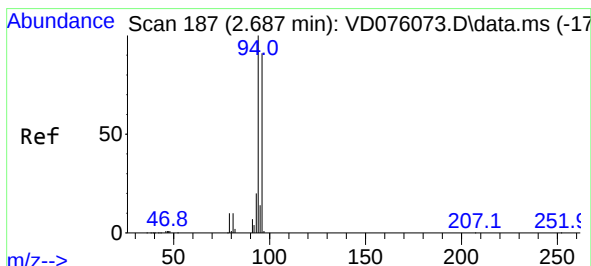
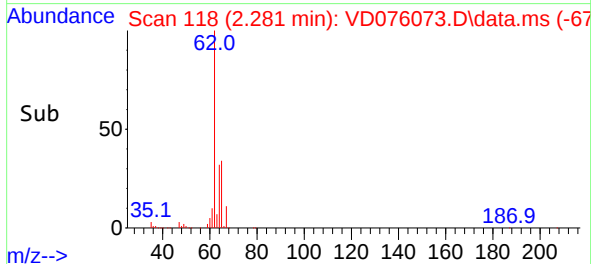
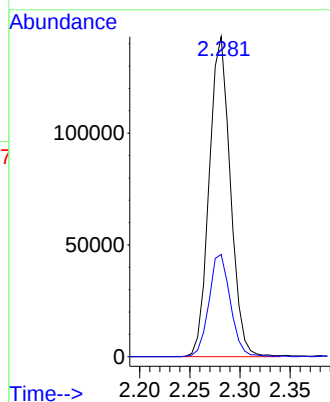
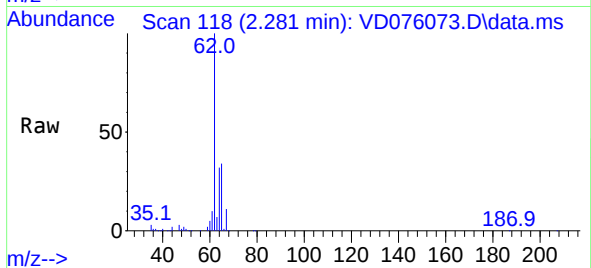




#5
Vinyl chloride
Concen: 22.427 ug/L
RT: 2.281 min Scan# 118
Delta R.T. 0.000 min
Lab File: VD076073.D
Acq: 11 May 2023 11:33

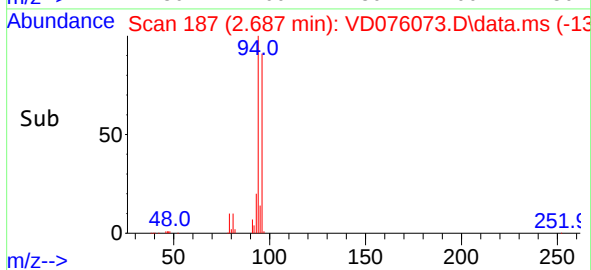
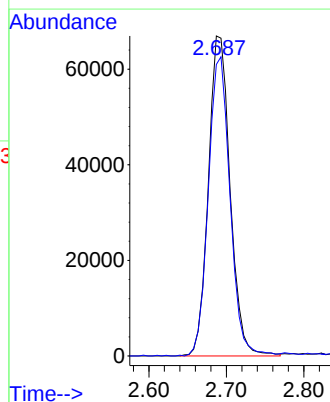
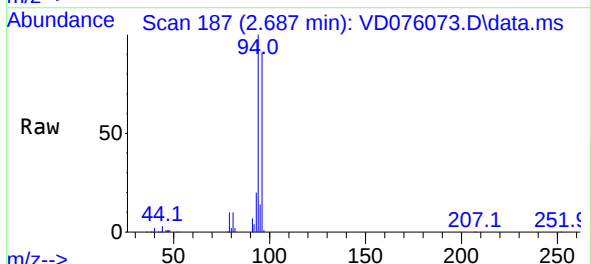
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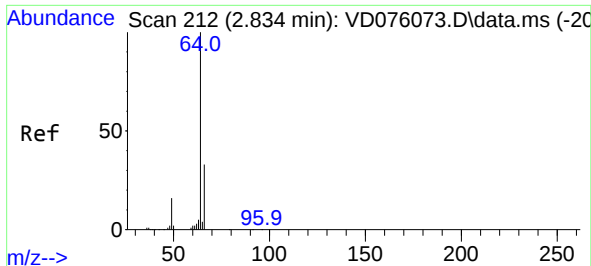
Tgt Ion: 62 Resp: 210797
Ion Ratio Lower Upper
62 100
64 31.9 23.2 43.0



#6
Bromomethane
Concen: 22.408 ug/L
RT: 2.687 min Scan# 187
Delta R.T. 0.000 min
Lab File: VD076073.D
Acq: 11 May 2023 11:33

Tgt Ion: 94 Resp: 130656
Ion Ratio Lower Upper
94 100
96 91.1 65.7 121.9

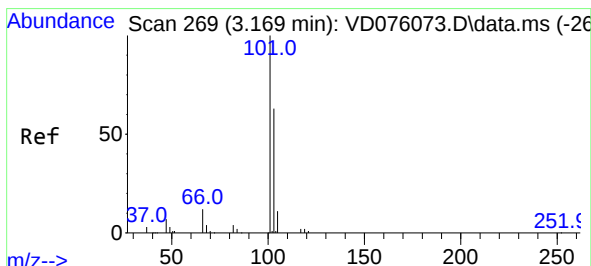
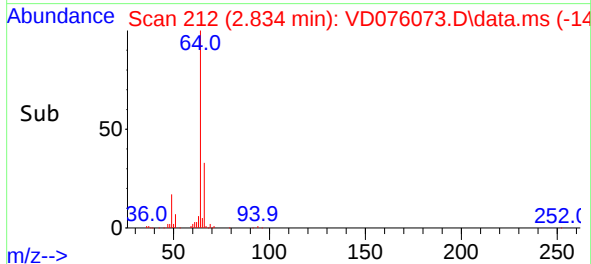
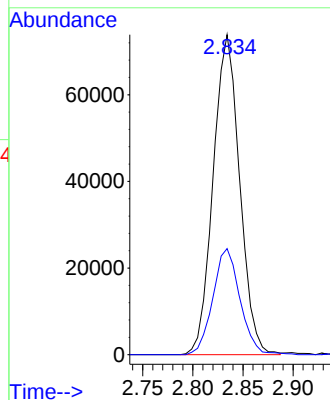
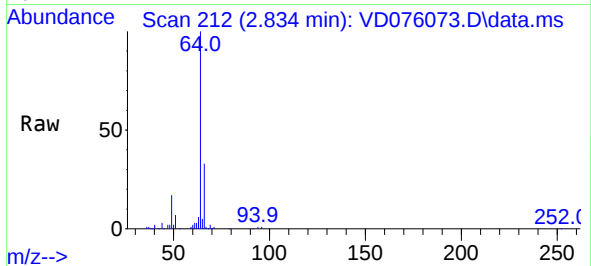




#8
Chloroethane
Concen: 22.522 ug/L
RT: 2.834 min Scan# 212
Delta R.T. 0.000 min
Lab File: VD076073.D
Acq: 11 May 2023 11:33

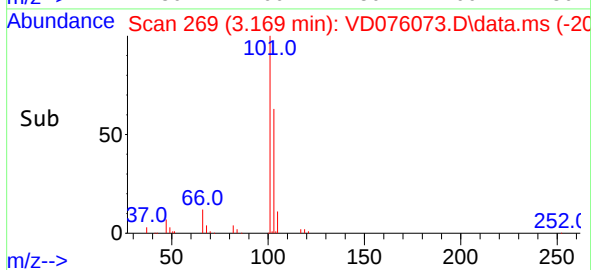
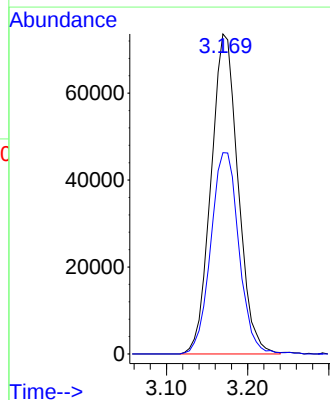
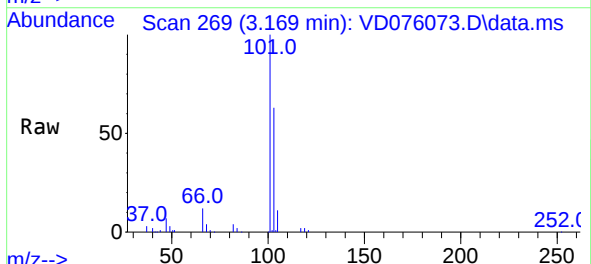
Instrument :
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VSTD025148

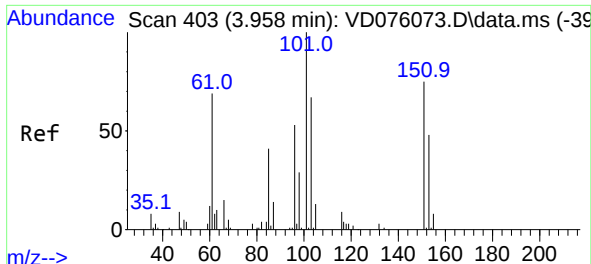
Tgt Ion: 64 Resp: 135834
Ion Ratio Lower Upper
64 100
66 33.2 21.8 40.4



#9
Trichlorofluoromethane
Concen: 22.180 ug/L
RT: 3.169 min Scan# 269
Delta R.T. 0.000 min
Lab File: VD076073.D
Acq: 11 May 2023 11:33

Tgt Ion: 101 Resp: 170674
Ion Ratio Lower Upper
101 100
103 65.2 52.2 78.4

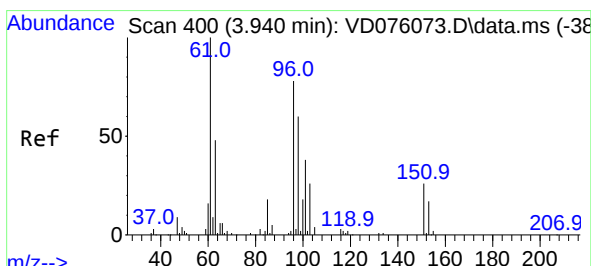
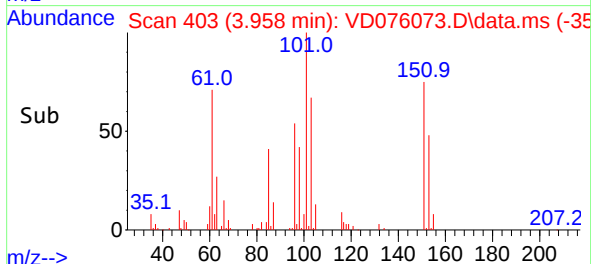
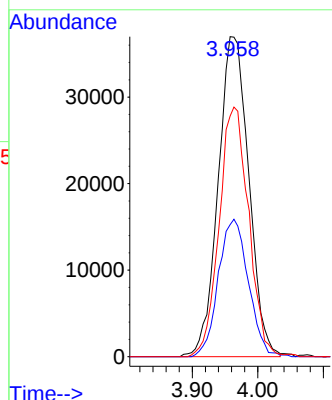
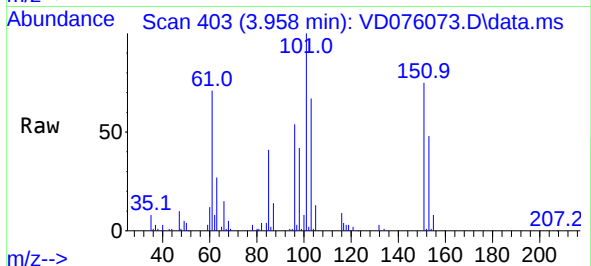




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 21.874 ug/L
RT: 3.958 min Scan# 403
Delta R.T. 0.000 min
Lab File: VD076073.D
Acq: 11 May 2023 11:33

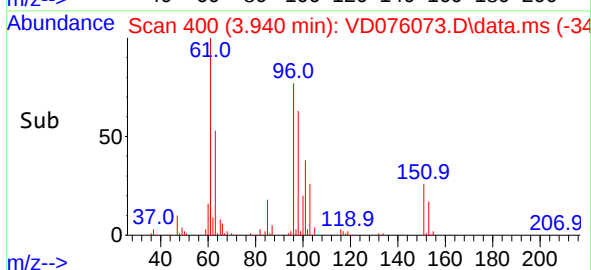
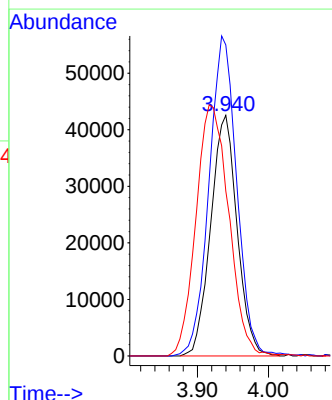
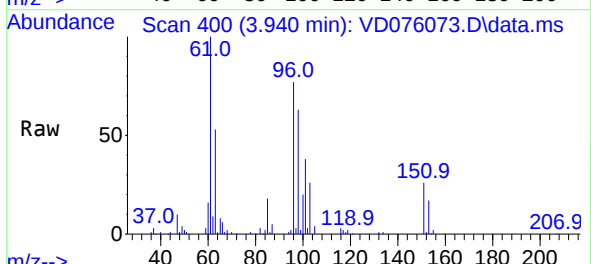
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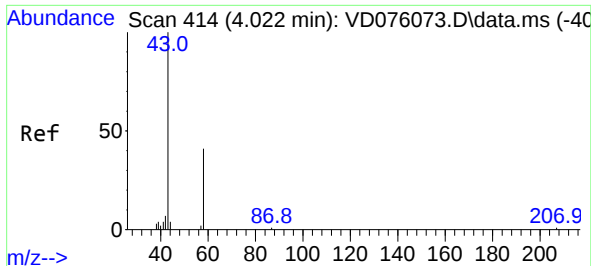
Tgt Ion:101 Resp: 119902
Ion Ratio Lower Upper
101 100
85 41.9 32.9 49.3
151 75.0 57.2 85.8



#12
1,1-Dichloroethene
Concen: 22.369 ug/L
RT: 3.940 min Scan# 400
Delta R.T. 0.000 min
Lab File: VD076073.D
Acq: 11 May 2023 11:33

Tgt Ion: 96 Resp: 109895
Ion Ratio Lower Upper
96 100
61 129.3 92.6 172.0
63 68.5 77.4 143.8

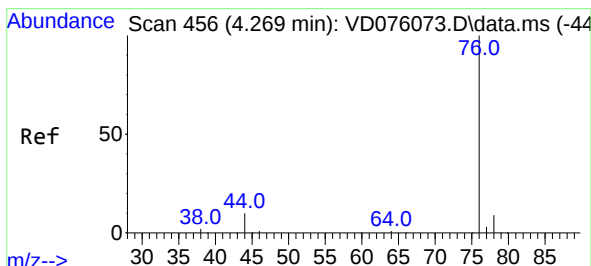
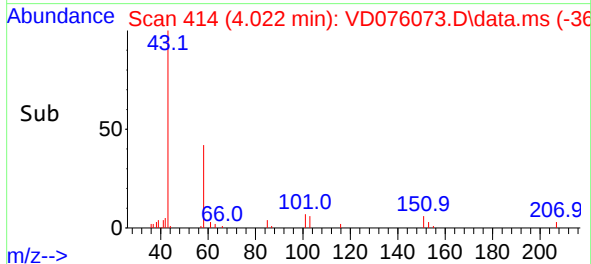
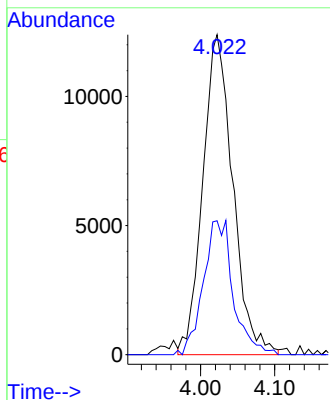
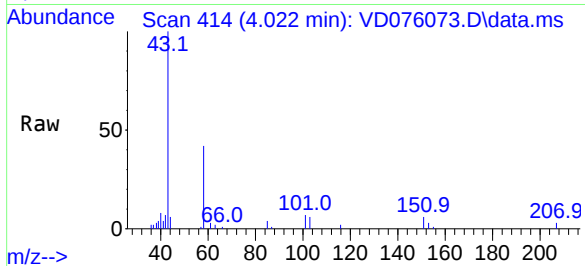




#13
Acetone
Concen: 45.720 ug/L
RT: 4.022 min Scan# 414
Delta R.T. 0.000 min
Lab File: VD076073.D
Acq: 11 May 2023 11:33

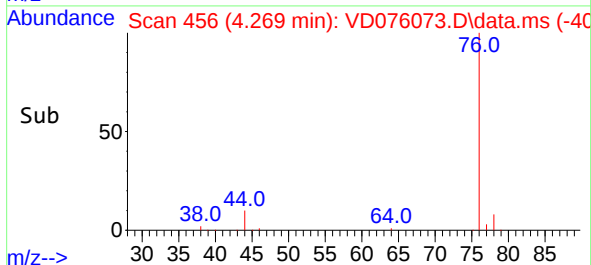
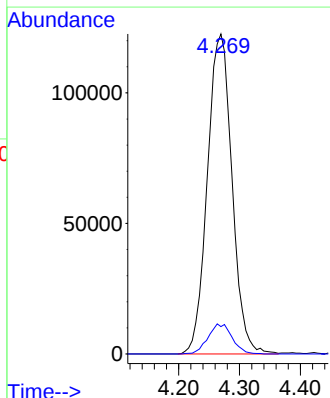
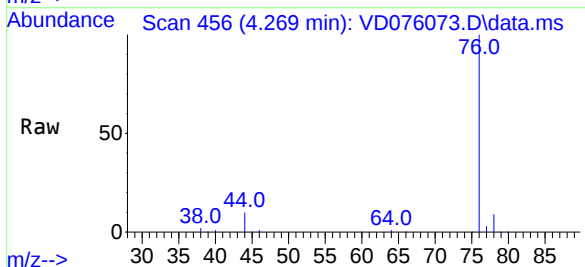
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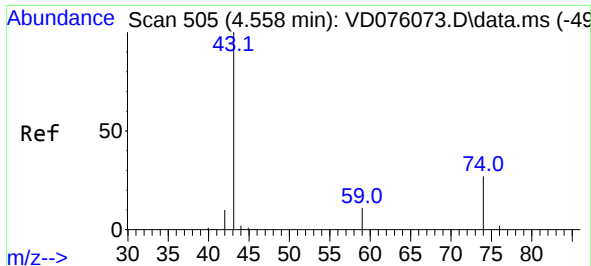
Tgt Ion: 43 Resp: 34868
Ion Ratio Lower Upper
43 100
58 26.4 0.0 87.4



#14
Carbon disulfide
Concen: 22.529 ug/L
RT: 4.269 min Scan# 456
Delta R.T. 0.000 min
Lab File: VD076073.D
Acq: 11 May 2023 11:33

Tgt Ion: 76 Resp: 344641
Ion Ratio Lower Upper
76 100
78 8.6 7.0 10.6

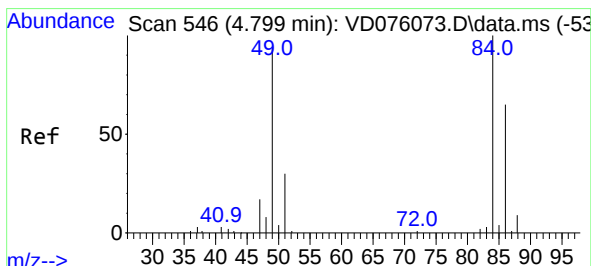
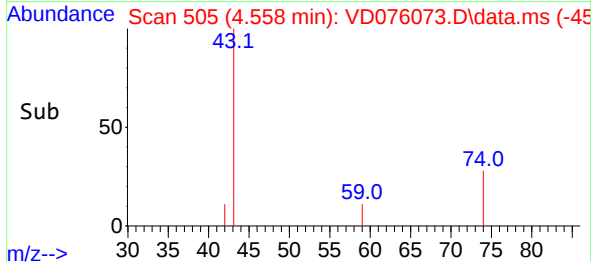
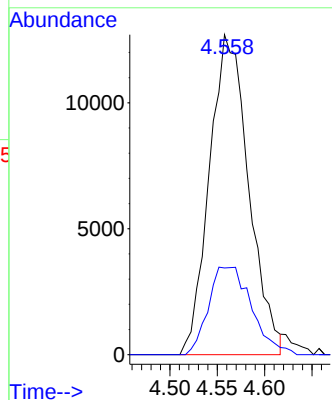
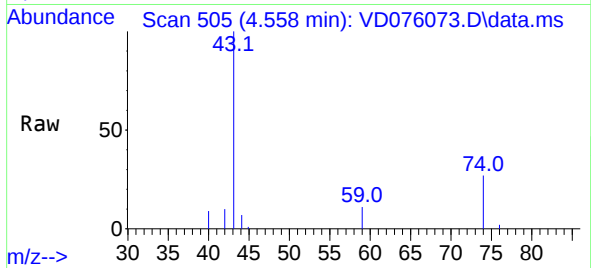




#15
Methyl Acetate
Concen: 22.283 ug/L
RT: 4.558 min Scan# 505
Delta R.T. 0.000 min
Lab File: VD076073.D
Acq: 11 May 2023 11:33

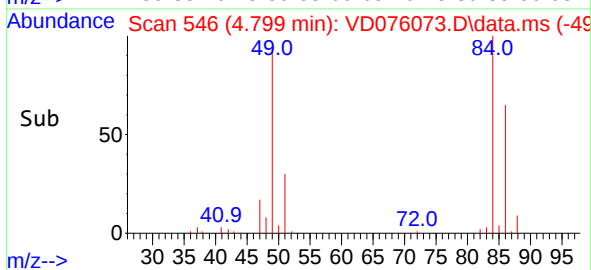
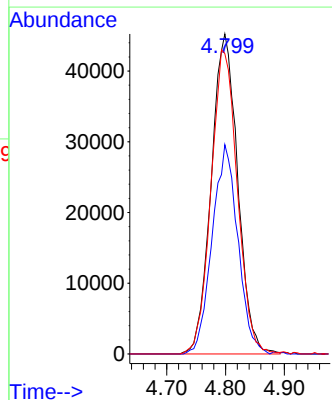
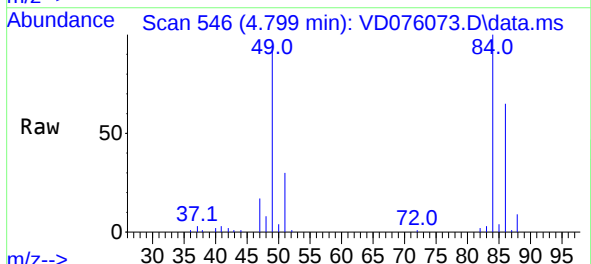
Instrument :
MSVOA_D
ClientSampleId :
VSTD025148

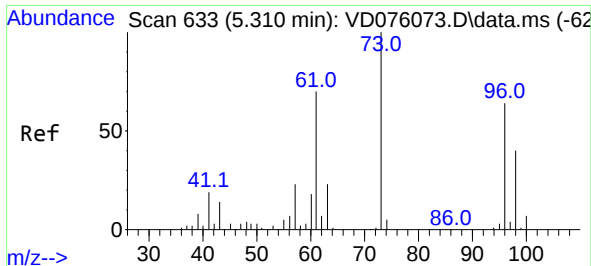
Tgt Ion: 43 Resp: 36665
Ion Ratio Lower Upper
43 100
74 12.9 12.8 19.2



#16
Methylene chloride
Concen: 20.984 ug/L
RT: 4.799 min Scan# 546
Delta R.T. 0.000 min
Lab File: VD076073.D
Acq: 11 May 2023 11:33

Tgt Ion: 84 Resp: 141294
Ion Ratio Lower Upper
84 100
86 65.4 45.8 85.2
49 93.8 60.8 112.8

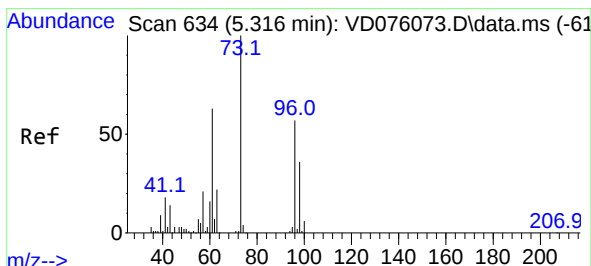
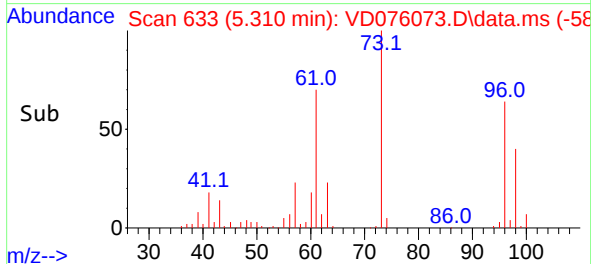
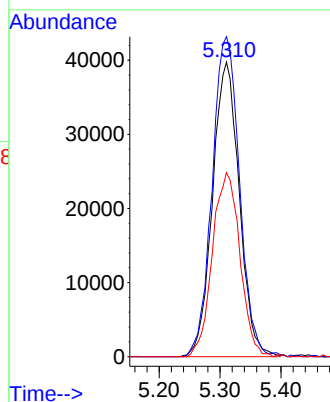
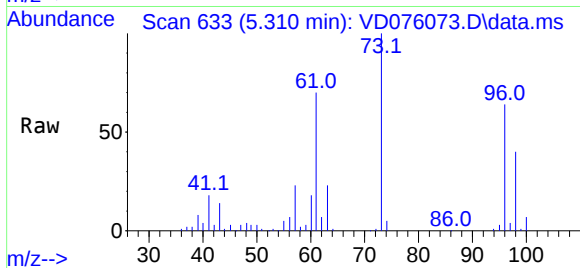




#17
trans-1,2-Dichloroethene
Concen: 23.063 ug/L
RT: 5.310 min Scan# 611
Delta R.T. 0.000 min
Lab File: VD076073.D
Acq: 11 May 2023 11:33

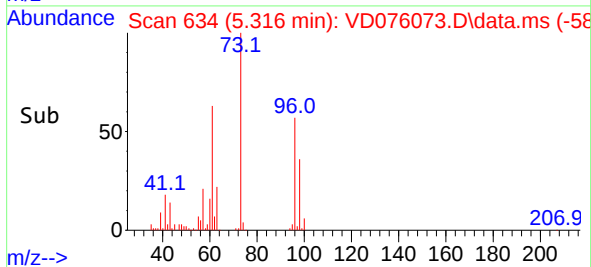
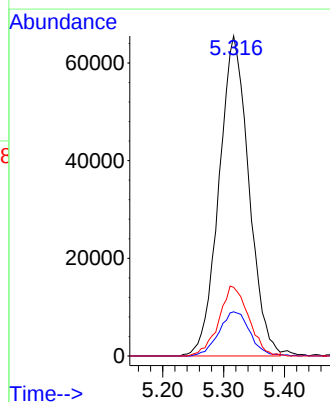
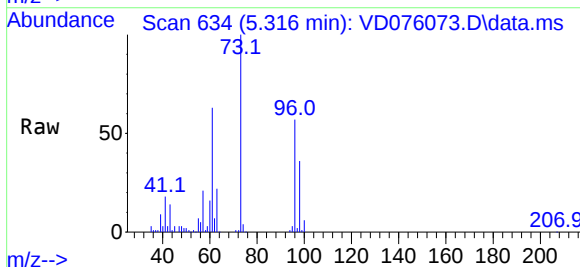
Instrument :
MSVOA_D
ClientSampleId :
VSTD025148

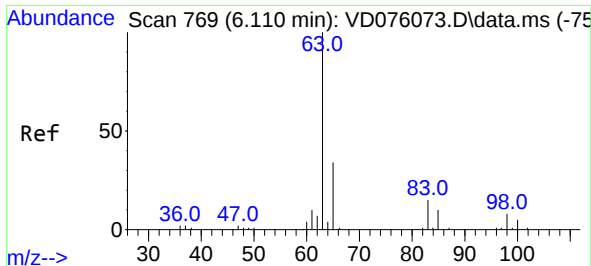
Tgt Ion: 96 Resp: 121314
Ion Ratio Lower Upper
96 100
61 108.7 72.9 135.5
98 62.5 43.0 79.8



#18
Methyl tert-butyl Ether
Concen: 23.878 ug/L
RT: 5.316 min Scan# 634
Delta R.T. 0.000 min
Lab File: VD076073.D
Acq: 11 May 2023 11:33

Tgt Ion: 73 Resp: 222897
Ion Ratio Lower Upper
73 100
43 14.4 11.3 16.9
57 21.7 16.3 24.5





#19

1,1-Dichloroethane

Concen: 22.738 ug/L

RT: 6.110 min Scan# 769

Delta R.T. 0.000 min

Lab File: VD076073.D

Acq: 11 May 2023 11:33

Instrument :

MSVOA_D

ClientSampleId :

VSTD025148

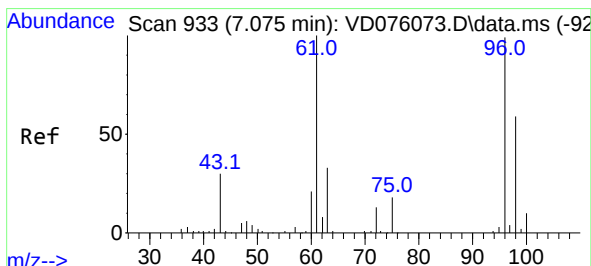
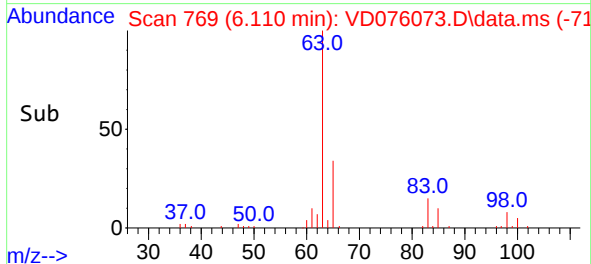
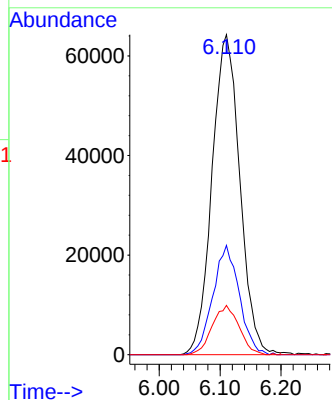
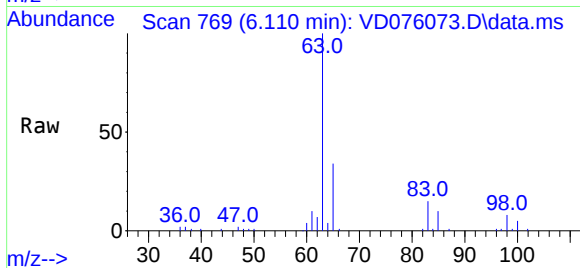
Tgt Ion: 63 Resp: 203867

Ion Ratio Lower Upper

63 100

65 34.2 22.8 42.4

83 15.4 11.2 20.8



#20

cis-1,2-Dichloroethene

Concen: 23.257 ug/L

RT: 7.075 min Scan# 933

Delta R.T. 0.000 min

Lab File: VD076073.D

Acq: 11 May 2023 11:33

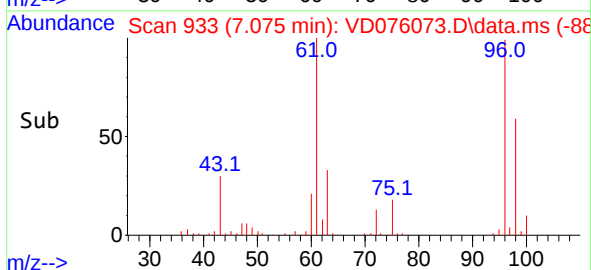
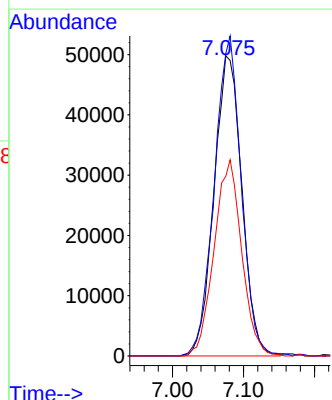
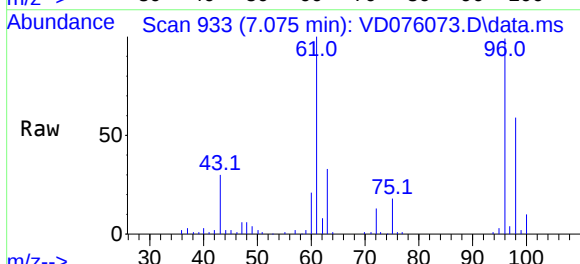
Tgt Ion: 96 Resp: 135625

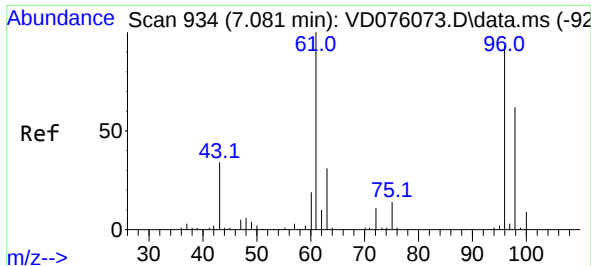
Ion Ratio Lower Upper

96 100

61 100.7 67.5 125.3

98 59.9 47.5 88.1

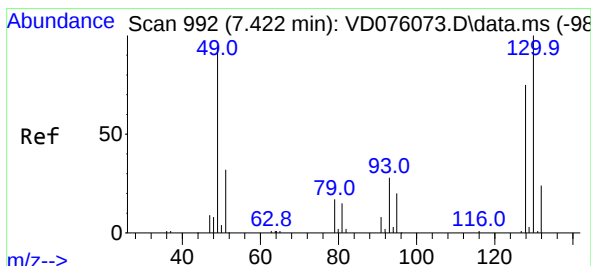
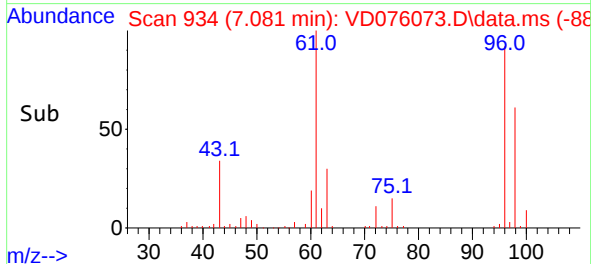
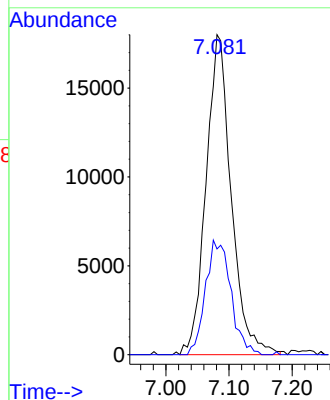
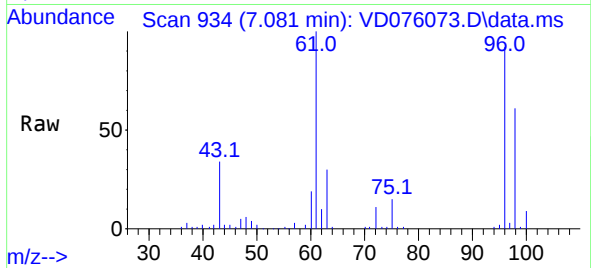




#22
2-Butanone
Concen: 46.824 ug/L
RT: 7.081 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD076073.D
Acq: 11 May 2023 11:33

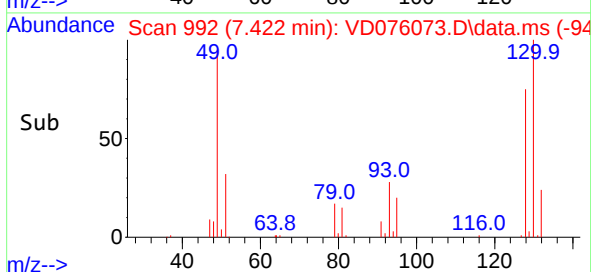
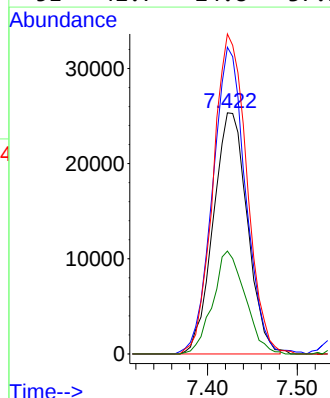
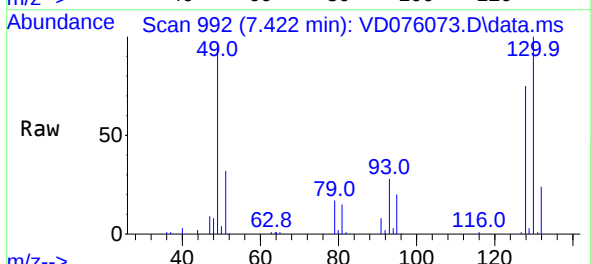
Instrument :
MSVOA_D
ClientSampleId :
VSTD025148

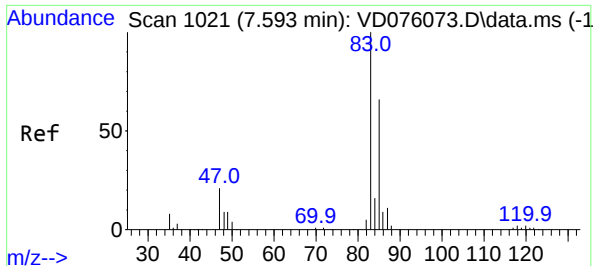
Tgt Ion: 43 Resp: 49863
Ion Ratio Lower Upper
43 100
72 18.3 20.5 61.5#



#23
Bromochloromethane
Concen: 23.469 ug/L
RT: 7.422 min Scan# 992
Delta R.T. 0.000 min
Lab File: VD076073.D
Acq: 11 May 2023 11:33

Tgt Ion:128 Resp: 66898
Ion Ratio Lower Upper
128 100
49 127.3 76.4 142.0
130 132.8 93.5 173.7
51 42.7 24.8 37.2#

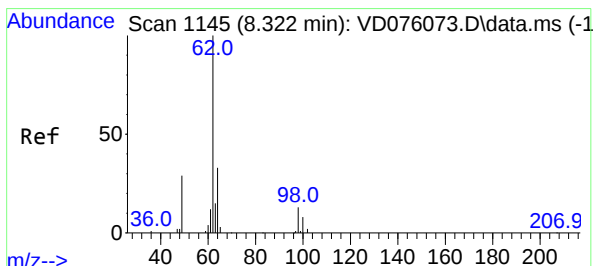
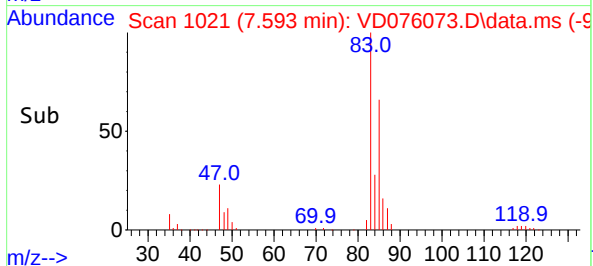
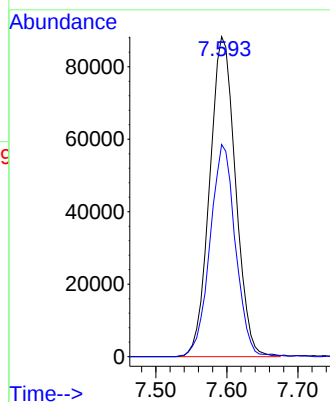
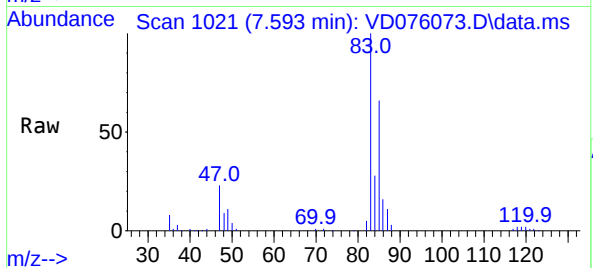




#25
Chloroform
Concen: 23.298 ug/L
RT: 7.593 min Scan# 1021
Delta R.T. 0.000 min
Lab File: VD076073.D
Acq: 11 May 2023 11:33

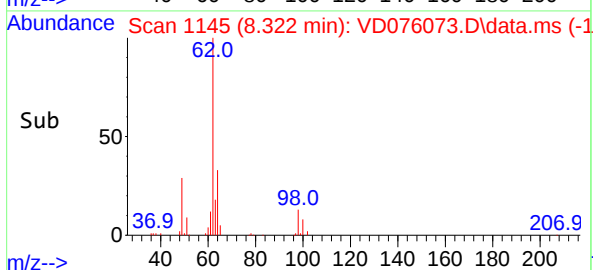
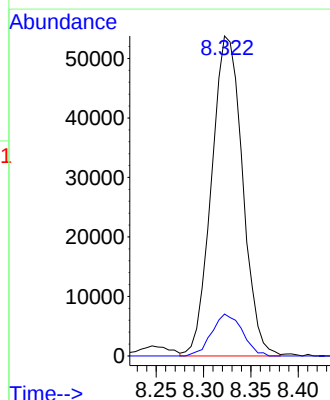
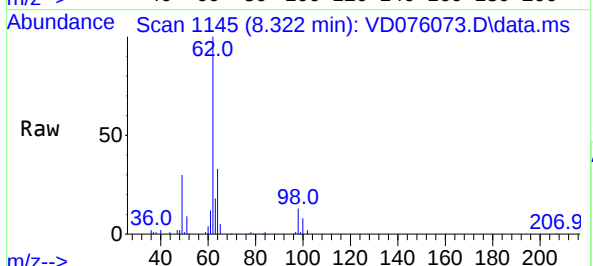
Instrument :
MSVOA_D
ClientSampleId :
VSTD025148

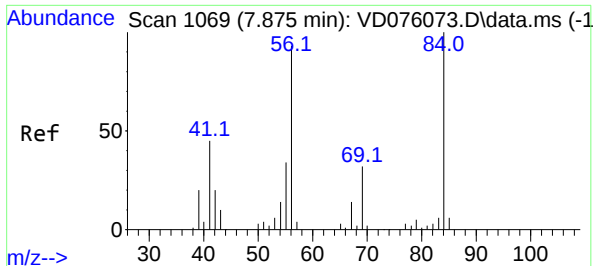
Tgt Ion: 83 Resp: 223041
Ion Ratio Lower Upper
83 100
85 66.3 44.4 82.5



#27
1,2-Dichloroethane
Concen: 24.307 ug/L
RT: 8.322 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VD076073.D
Acq: 11 May 2023 11:33

Tgt Ion: 62 Resp: 122623
Ion Ratio Lower Upper
62 100
98 13.1 10.2 15.2





#29

Cyclohexane

Concen: 22.844 ug/L

RT: 7.875 min Scan# 1069

Delta R.T. 0.000 min

Lab File: VD076073.D

Acq: 11 May 2023 11:33

Instrument :

MSVOA_D

ClientSampleId :

VSTD025148

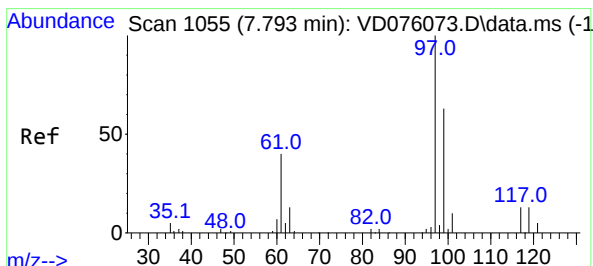
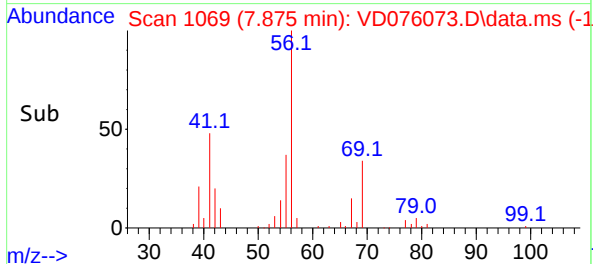
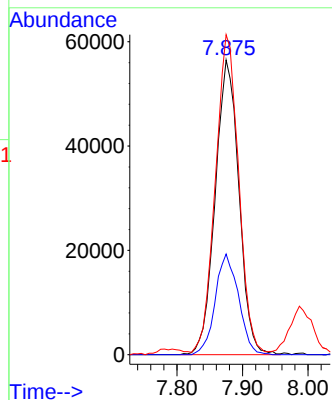
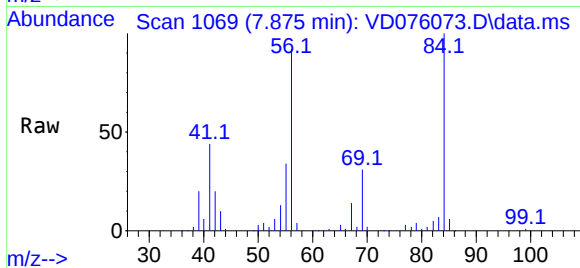
Tgt Ion: 56 Resp: 141685

Ion Ratio Lower Upper

56 100

69 33.6 28.2 42.2

84 105.2 92.4 138.6



#30

1,1,1-Trichloroethane

Concen: 22.730 ug/L

RT: 7.793 min Scan# 1055

Delta R.T. 0.000 min

Lab File: VD076073.D

Acq: 11 May 2023 11:33

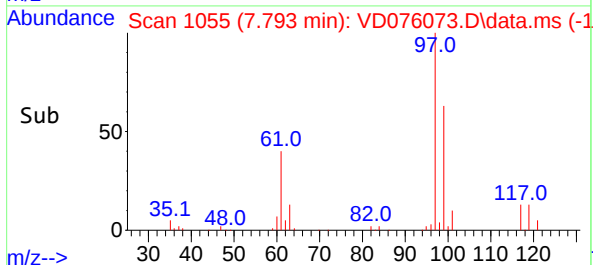
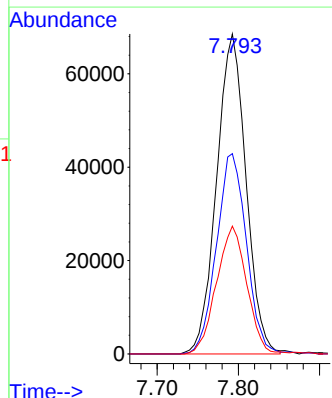
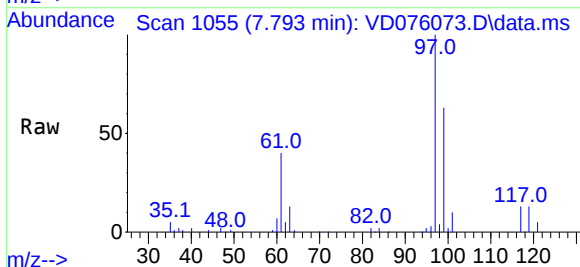
Tgt Ion: 97 Resp: 172652

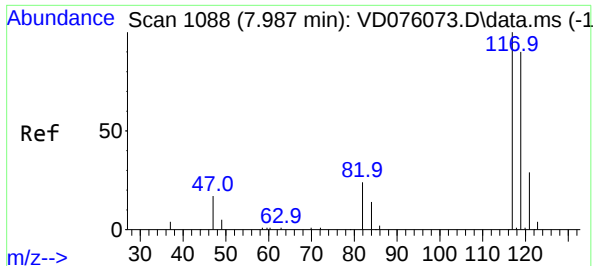
Ion Ratio Lower Upper

97 100

99 63.6 51.5 77.3

61 41.1 32.1 48.1

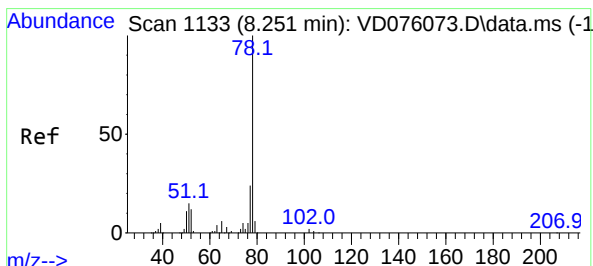
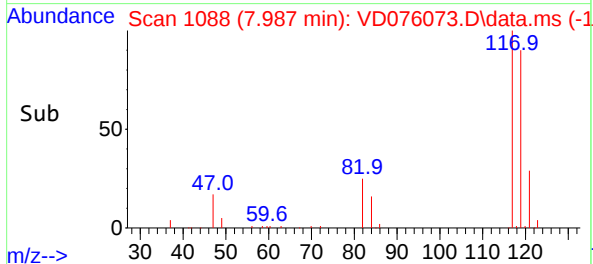
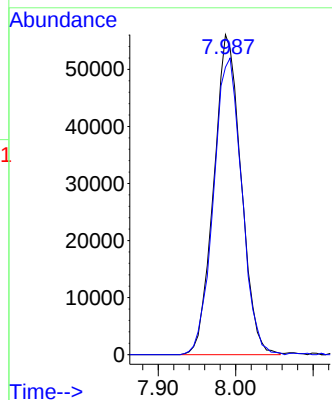
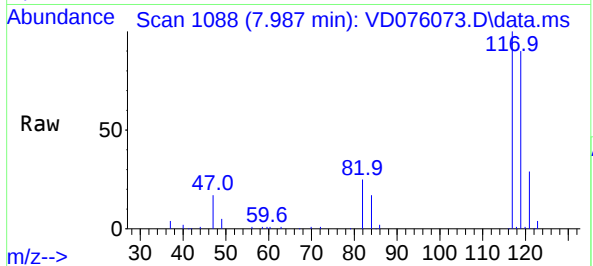




#31
Carbon tetrachloride
Concen: 22.998 ug/L
RT: 7.987 min Scan# 1088
Delta R.T. 0.000 min
Lab File: VD076073.D
Acq: 11 May 2023 11:33

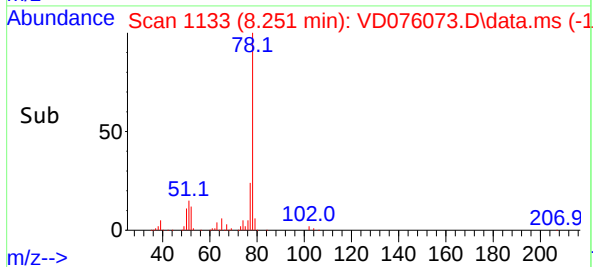
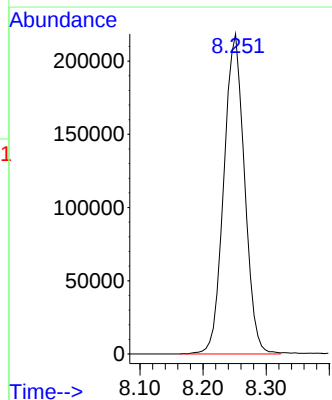
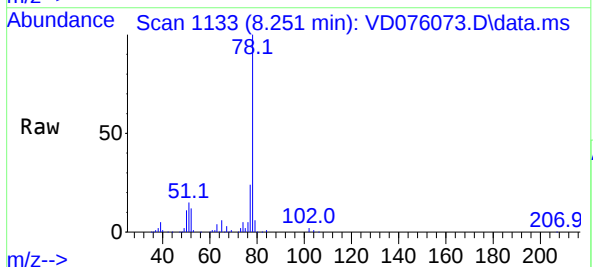
Instrument :
MSVOA_D
ClientSampleId :
VSTD025148

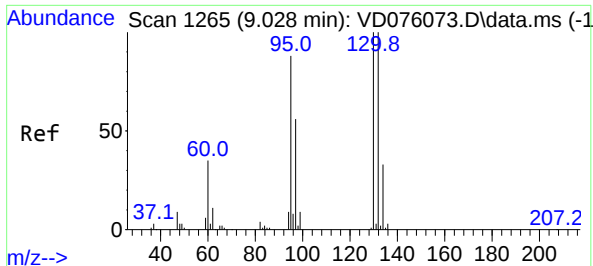
Tgt Ion:117 Resp: 137615
Ion Ratio Lower Upper
117 100
119 95.7 78.2 117.4



#33
Benzene
Concen: 23.948 ug/L
RT: 8.251 min Scan# 1133
Delta R.T. 0.000 min
Lab File: VD076073.D
Acq: 11 May 2023 11:33

Tgt Ion: 78 Resp: 497825



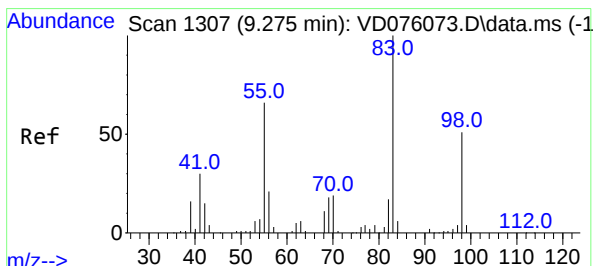
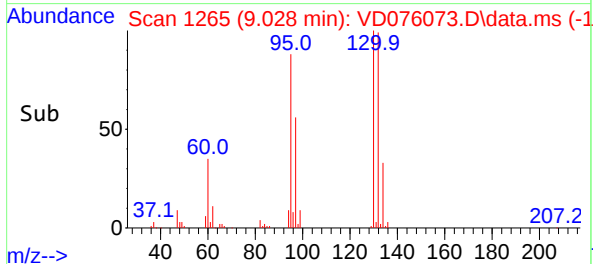
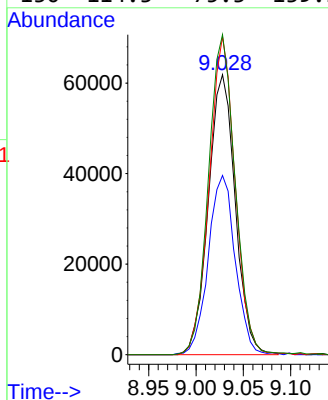
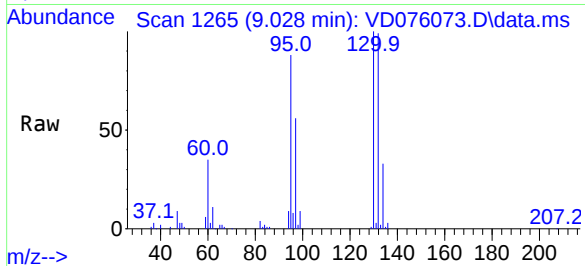


#34
Trichloroethene
Concen: 22.821 ug/L
RT: 9.028 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD076073.D
Acq: 11 May 2023 11:33

Instrument :
MSVOA_D
ClientSampleId :
VSTD025148

Tgt Ion: 95 Resp: 122449

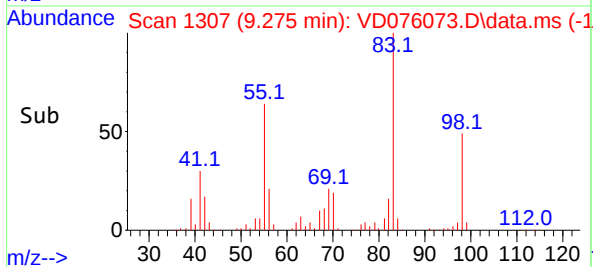
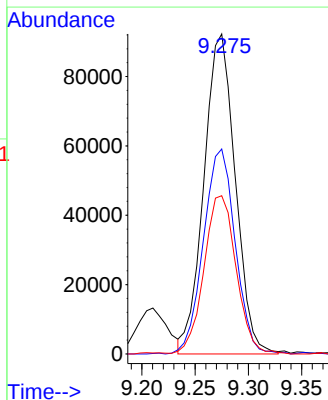
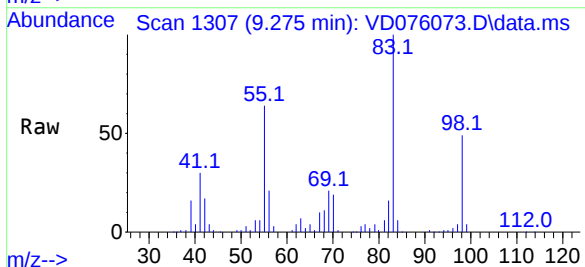
Ion	Ratio	Lower	Upper
95	100		
97	64.0	46.0	85.4
132	113.6	73.3	136.1
130	114.3	75.3	139.9

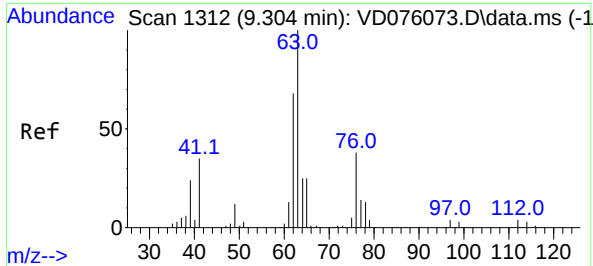


#35
Methylcyclohexane
Concen: 23.253 ug/L
RT: 9.275 min Scan# 1307
Delta R.T. 0.000 min
Lab File: VD076073.D
Acq: 11 May 2023 11:33

Tgt Ion: 83 Resp: 189037

Ion	Ratio	Lower	Upper
83	100		
55	64.9	48.2	72.2
98	50.7	40.8	61.2

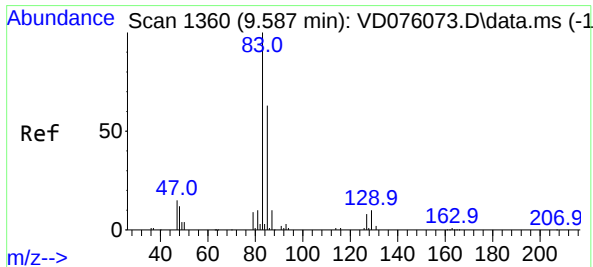
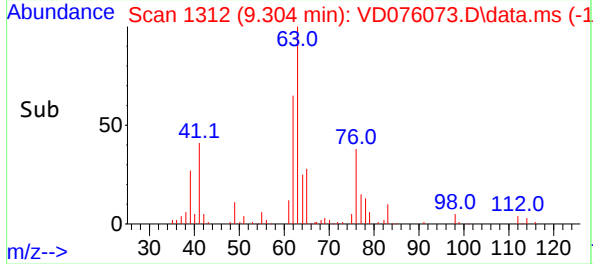
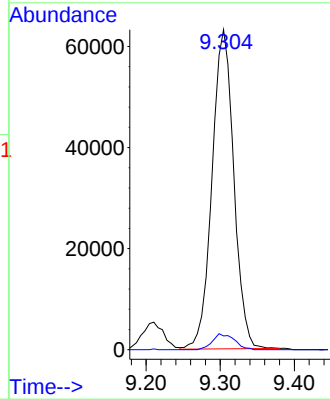
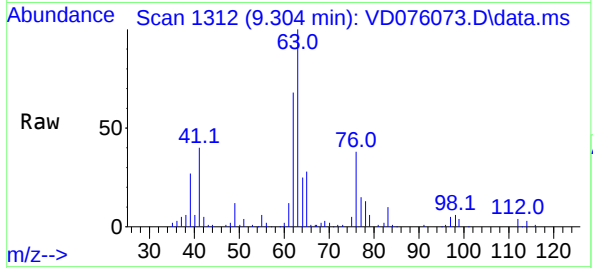




#37
1,2-Dichloropropane
Concen: 24.291 ug/L
RT: 9.304 min Scan# 1312
Delta R.T. 0.000 min
Lab File: VD076073.D
Acq: 11 May 2023 11:33

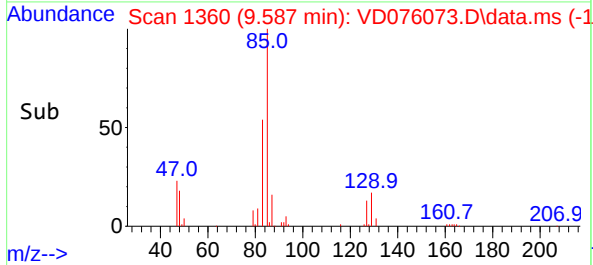
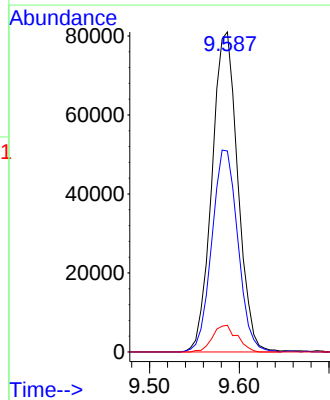
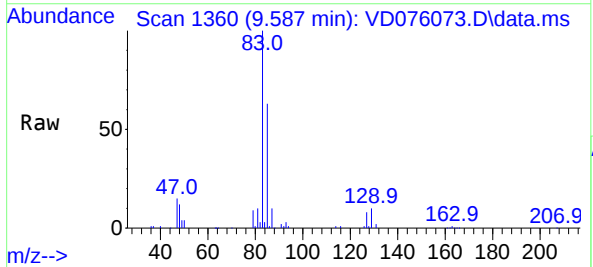
Instrument :
MSVOA_D
ClientSampleId :
VSTD025148

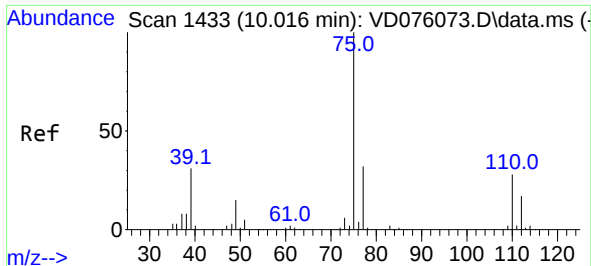
Tgt Ion: 63 Resp: 128794
Ion Ratio Lower Upper
63 100
112 5.0 4.0 6.0



#38
Bromodichloromethane
Concen: 23.886 ug/L
RT: 9.587 min Scan# 1360
Delta R.T. 0.000 min
Lab File: VD076073.D
Acq: 11 May 2023 11:33

Tgt Ion: 83 Resp: 162263
Ion Ratio Lower Upper
83 100
85 62.8 44.2 82.2
127 8.4 6.3 9.5

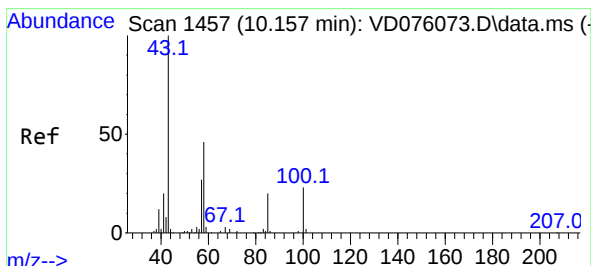
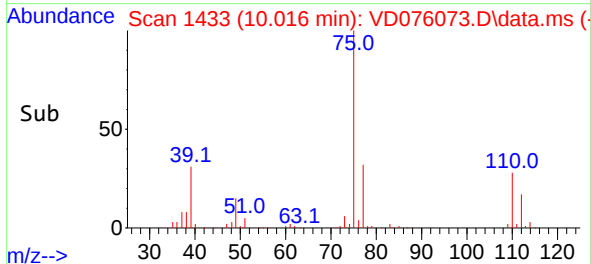
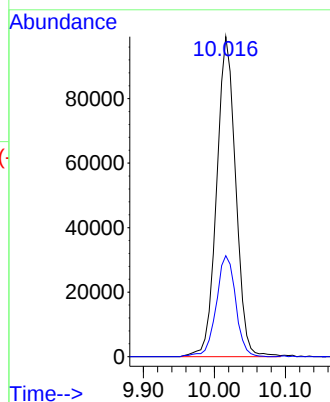
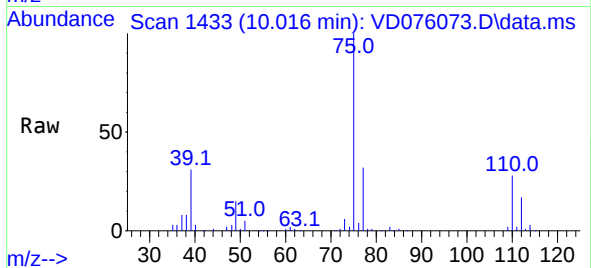




#39
cis-1,3-Dichloropropene
Concen: 24.114 ug/L
RT: 10.016 min Scan# 1433
Delta R.T. 0.000 min
Lab File: VD076073.D
Acq: 11 May 2023 11:33

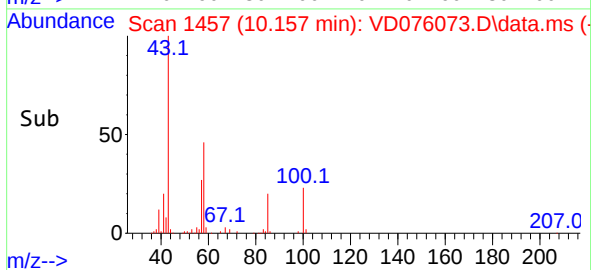
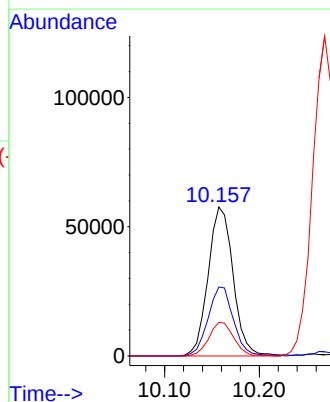
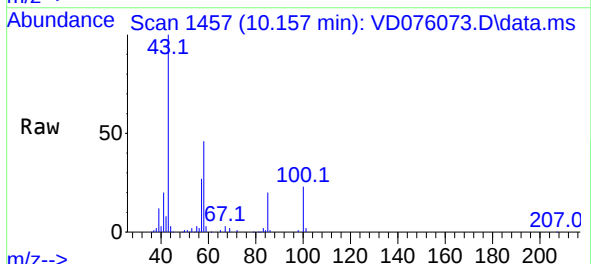
Instrument :
MSVOA_D
ClientSampleId :
VSTD025148

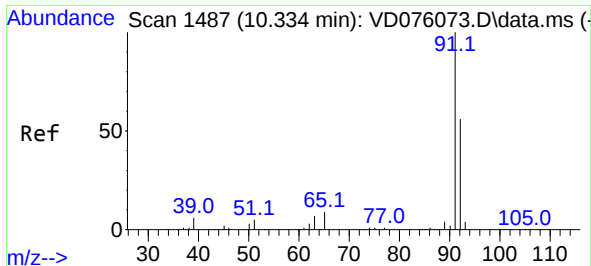
Tgt Ion: 75 Resp: 184167
Ion Ratio Lower Upper
75 100
77 31.5 23.4 43.6



#40
4-Methyl-2-pentanone
Concen: 49.466 ug/L
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD076073.D
Acq: 11 May 2023 11:33

Tgt Ion: 43 Resp: 105715
Ion Ratio Lower Upper
43 100
58 46.8 39.1 58.7
100 22.4 19.4 29.0

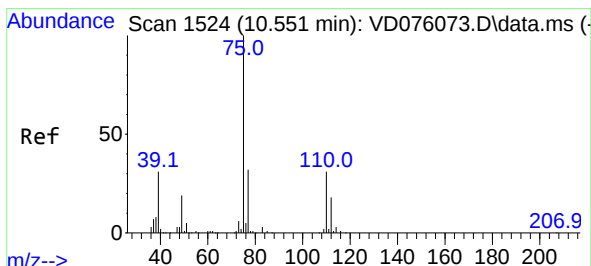
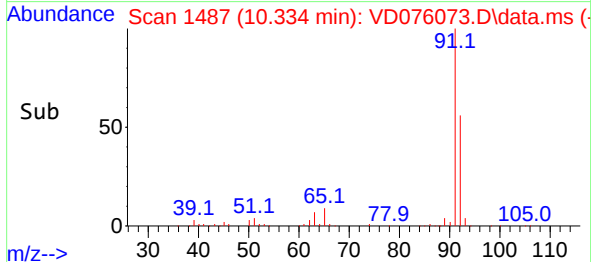
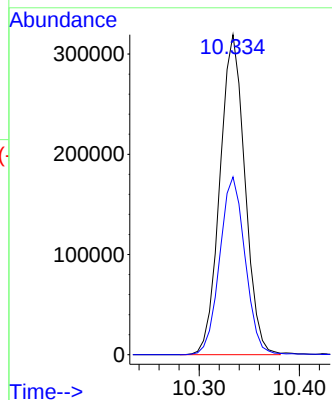
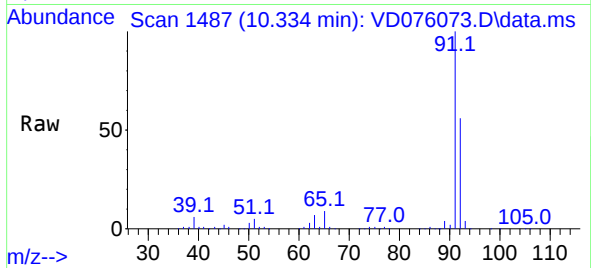




#42
Toluene
Concen: 24.925 ug/L
RT: 10.334 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VD076073.D
Acq: 11 May 2023 11:33

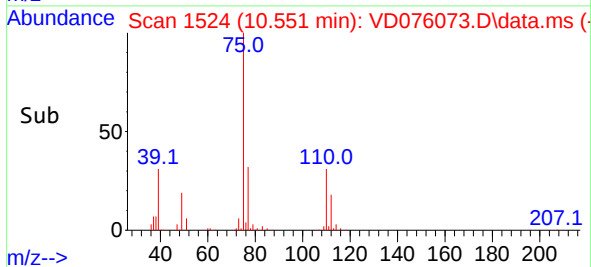
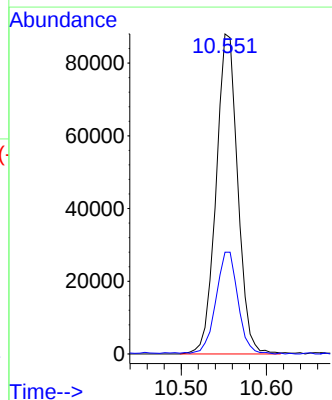
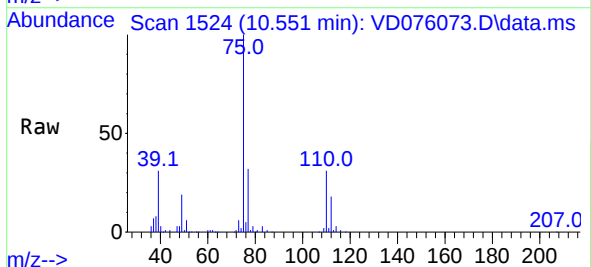
Instrument :
MSVOA_D
ClientSampleId :
VSTD025148

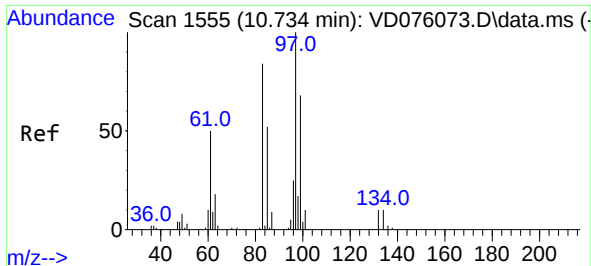
Tgt Ion: 91 Resp: 553141
Ion Ratio Lower Upper
91 100
92 55.5 39.3 72.9



#44
trans-1,3-Dichloropropene
Concen: 24.357 ug/L
RT: 10.551 min Scan# 1524
Delta R.T. 0.000 min
Lab File: VD076073.D
Acq: 11 May 2023 11:33

Tgt Ion: 75 Resp: 155218
Ion Ratio Lower Upper
75 100
77 31.8 22.0 41.0



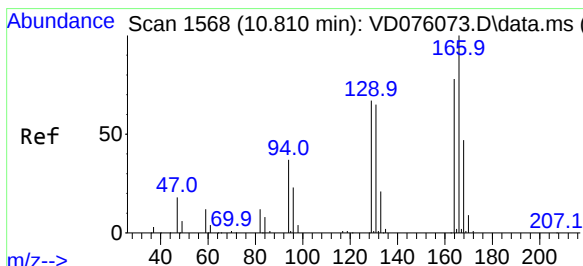
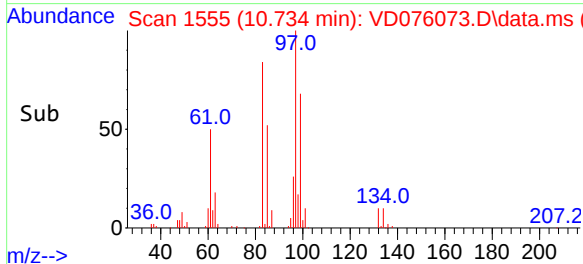
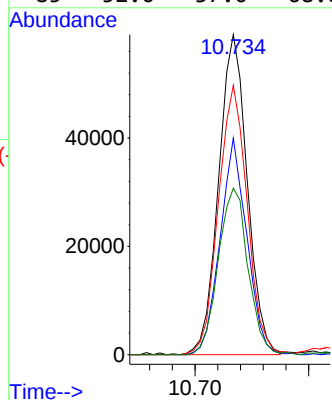
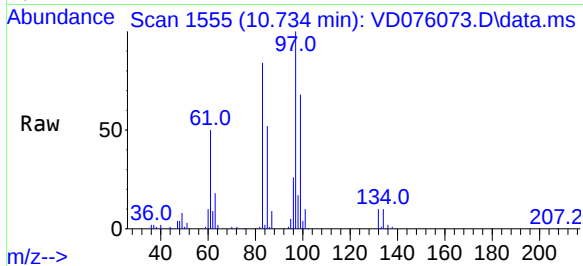


#45
1,1,2-Trichloroethane
Concen: 24.167 ug/L
RT: 10.734 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VD076073.D
Acq: 11 May 2023 11:33

Instrument :
MSVOA_D
ClientSampleId :
VSTD025148

Tgt Ion: 97 Resp: 103467

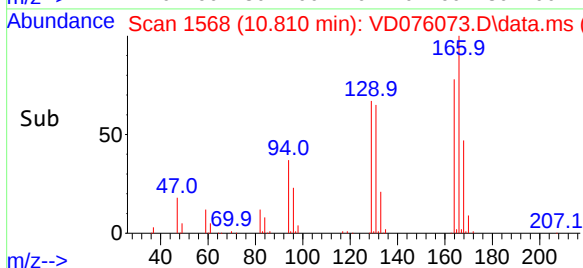
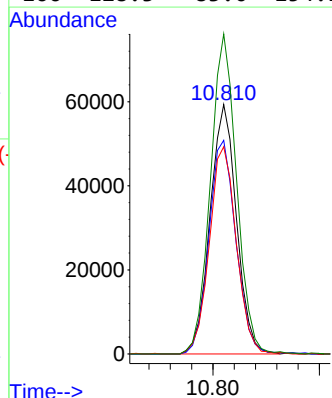
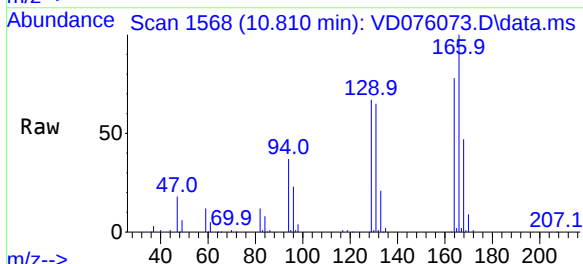
Ion	Ratio	Lower	Upper
97	100		
99	67.7	42.2	78.4
83	84.2	54.8	101.8
85	52.0	37.0	68.8

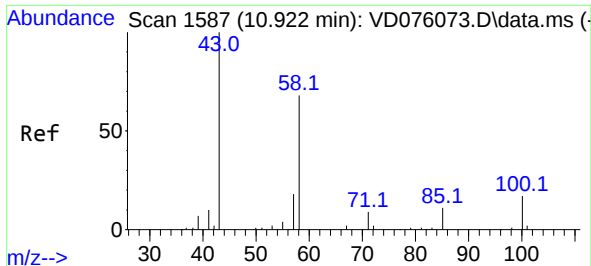


#46
Tetrachloroethene
Concen: 22.805 ug/L
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD076073.D
Acq: 11 May 2023 11:33

Tgt Ion: 164 Resp: 102225

Ion	Ratio	Lower	Upper
164	100		
129	85.7	60.3	112.1
131	83.1	58.9	109.3
166	128.3	83.0	154.1



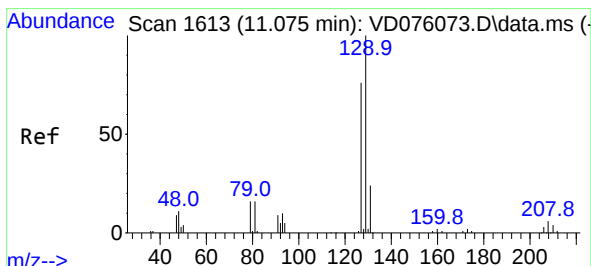
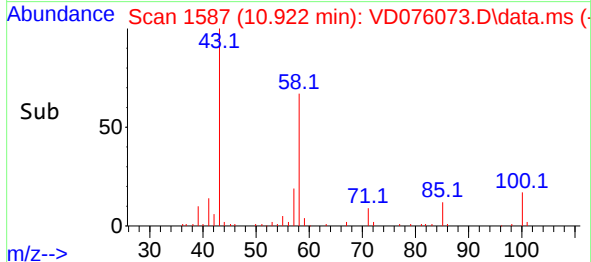
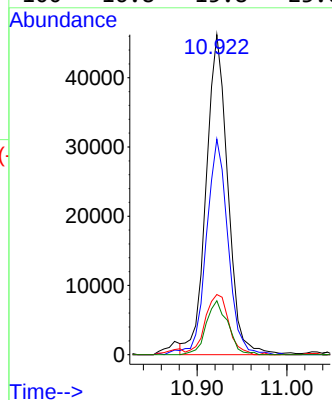
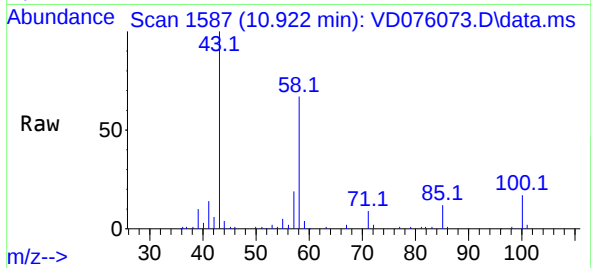


#48
2-Hexanone
Concen: 50.067 ug/L
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD076073.D
Acq: 11 May 2023 11:33

Instrument :
MSVOA_D
ClientSampleId :
VSTD025148

Tgt Ion: 43 Resp: 77646

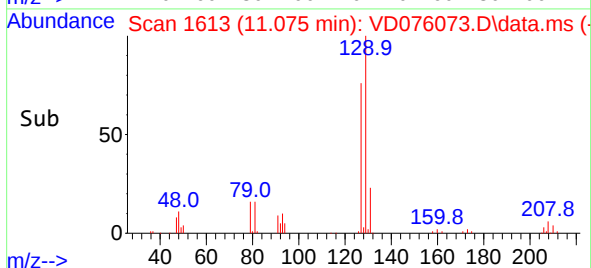
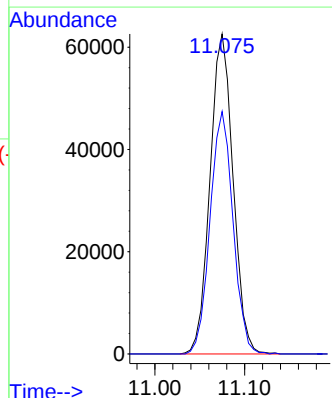
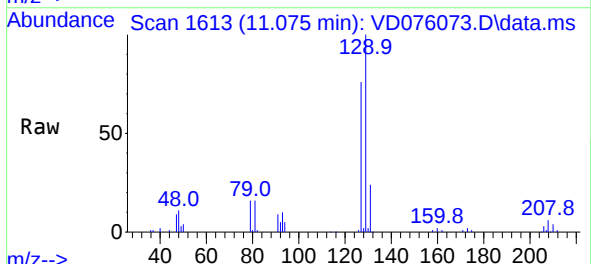
Ion	Ratio	Lower	Upper
43	100		
58	67.3	59.7	89.5
57	20.4	17.9	26.9
100	16.8	15.8	23.6

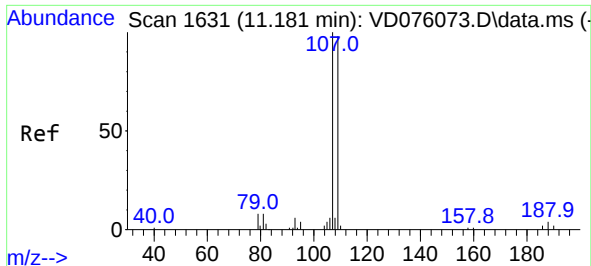


#49
Dibromochloromethane
Concen: 24.193 ug/L
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD076073.D
Acq: 11 May 2023 11:33

Tgt Ion: 129 Resp: 111751

Ion	Ratio	Lower	Upper
129	100		
127	75.8	55.6	103.4

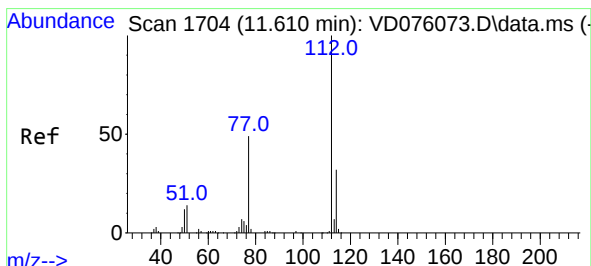
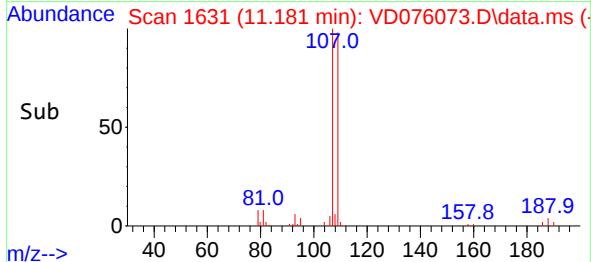
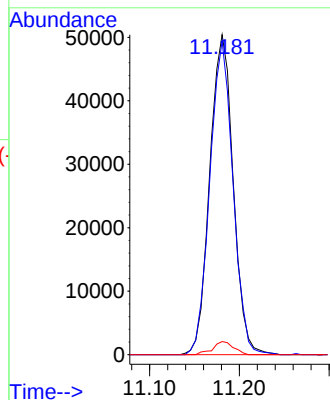
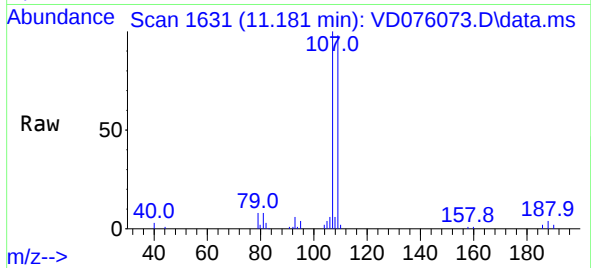




#50
1,2-Dibromoethane
Concen: 24.188 ug/L
RT: 11.181 min Scan# 1631
Delta R.T. 0.000 min
Lab File: VD076073.D
Acq: 11 May 2023 11:33

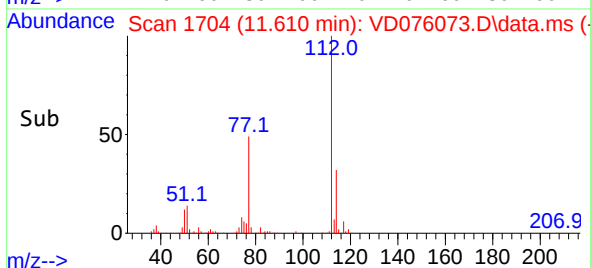
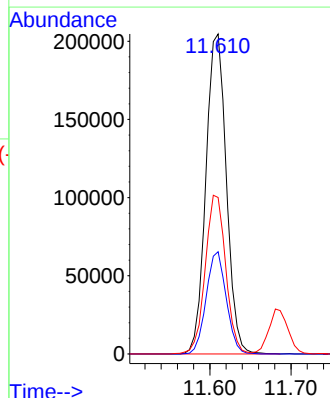
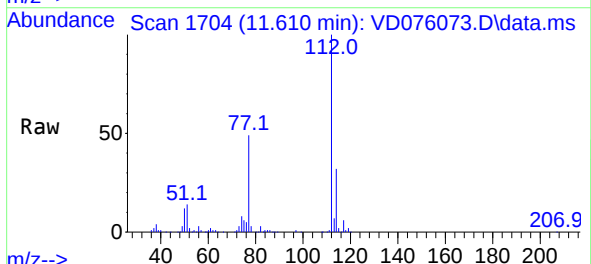
Instrument :
MSVOA_D
ClientSampleId :
VSTD025148

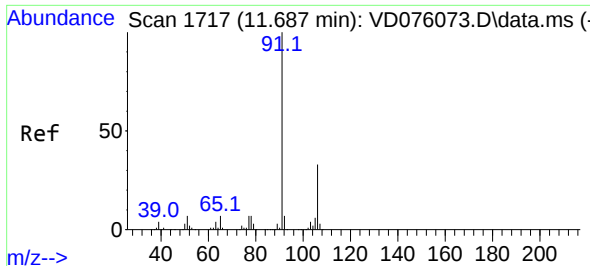
Tgt Ion:	107	Resp:	91458
Ion	Ratio	Lower	Upper
107	100		
109	98.0	67.6	125.6
188	4.1	3.0	4.6



#51
Chlorobenzene
Concen: 23.735 ug/L
RT: 11.610 min Scan# 1704
Delta R.T. 0.000 min
Lab File: VD076073.D
Acq: 11 May 2023 11:33

Tgt Ion:	112	Resp:	358499
Ion	Ratio	Lower	Upper
112	100		
114	31.9	23.0	42.8
77	48.9	39.7	59.5

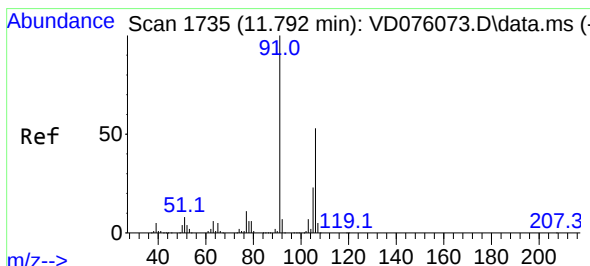
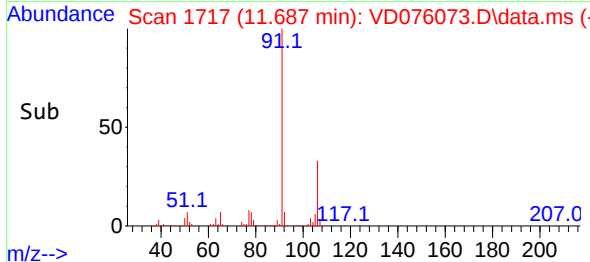
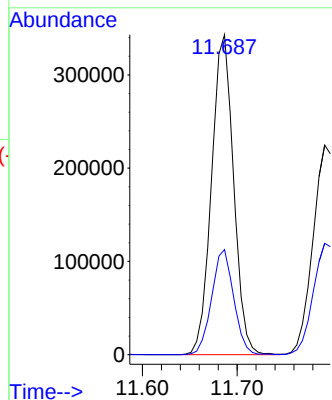
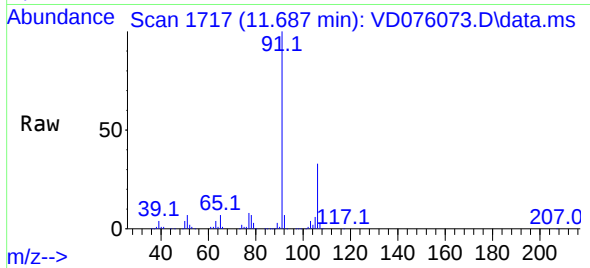




#52
Ethylbenzene
Concen: 24.116 ug/L
RT: 11.687 min Scan# 1717
Delta R.T. 0.000 min
Lab File: VD076073.D
Acq: 11 May 2023 11:33

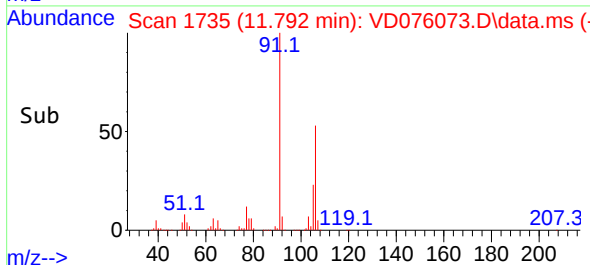
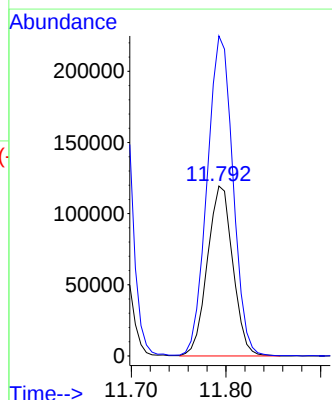
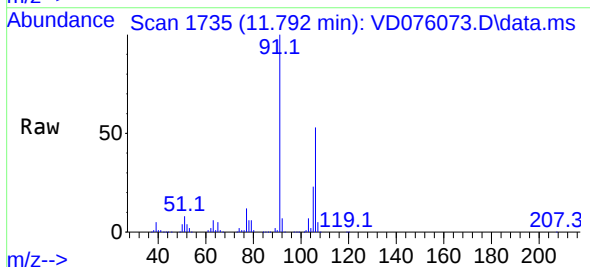
Instrument :
MSVOA_D
ClientSampleId :
VSTD025148

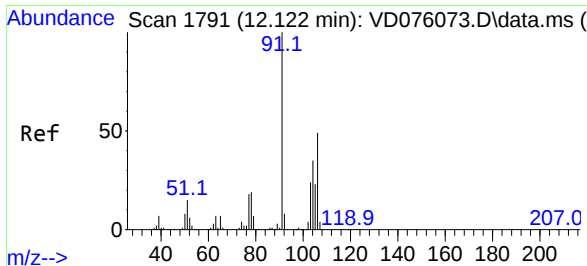
Tgt Ion: 91 Resp: 555213
Ion Ratio Lower Upper
91 100
106 32.8 23.7 43.9



#53
m,p-Xylene
Concen: 24.850 ug/L
RT: 11.792 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VD076073.D
Acq: 11 May 2023 11:33

Tgt Ion: 106 Resp: 223094
Ion Ratio Lower Upper
106 100
91 188.2 130.9 243.1

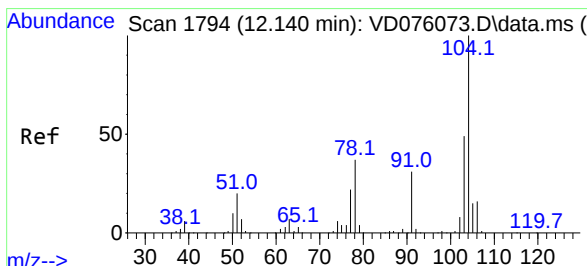
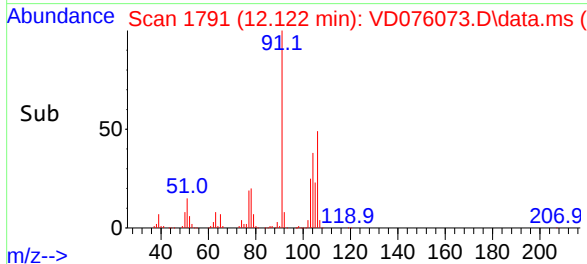
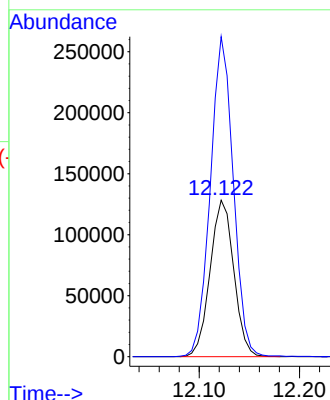
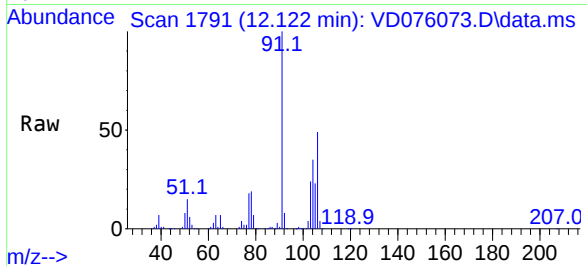




#54
o-Xylene
Concen: 24.688 ug/L
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD076073.D
Acq: 11 May 2023 11:33

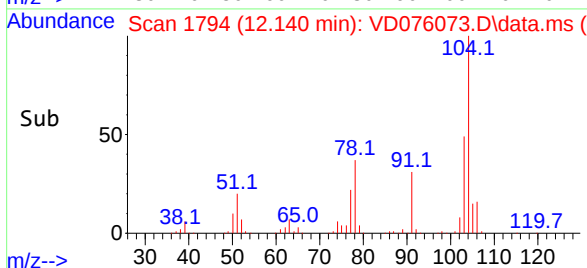
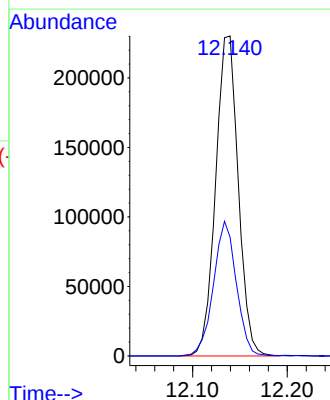
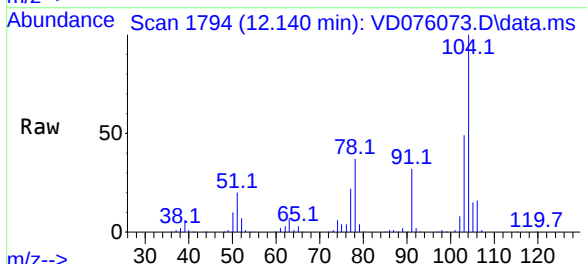
Instrument :
MSVOA_D
ClientSampleId :
VSTD025148

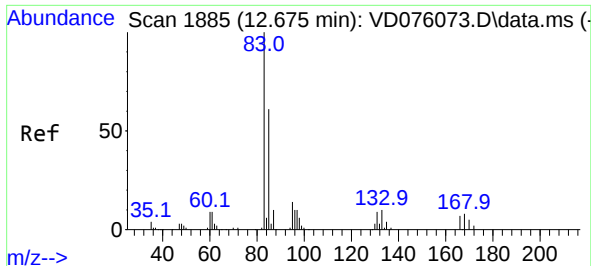
Tgt Ion:106 Resp: 210203
Ion Ratio Lower Upper
106 100
91 204.5 139.8 259.6



#55
Styrene
Concen: 25.358 ug/L
RT: 12.140 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VD076073.D
Acq: 11 May 2023 11:33

Tgt Ion:104 Resp: 382509
Ion Ratio Lower Upper
104 100
78 37.1 26.2 48.6

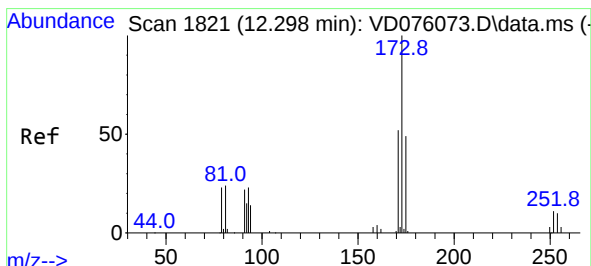
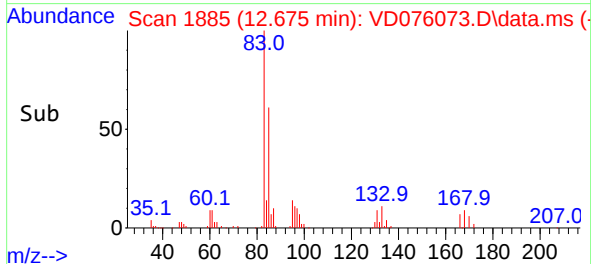
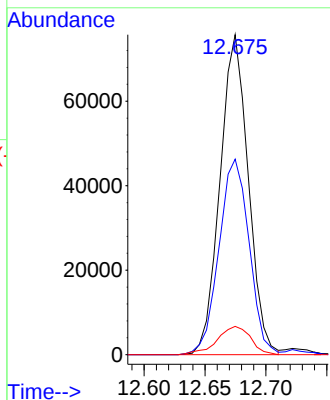
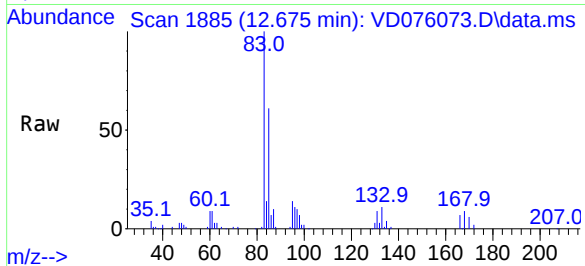




#57
1,1,2,2-Tetrachloroethane
Concen: 25.550 ug/L
RT: 12.675 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VD076073.D
Acq: 11 May 2023 11:33

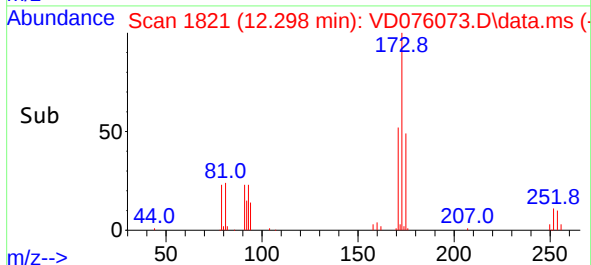
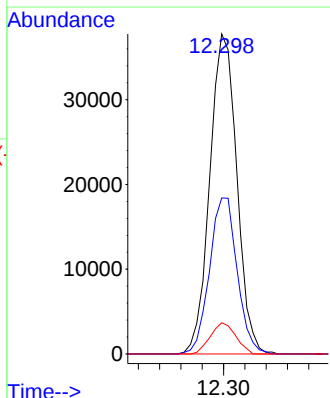
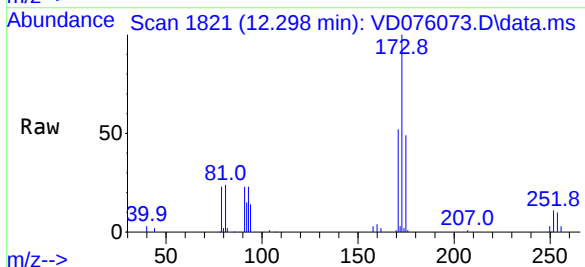
Instrument :
MSVOA_D
ClientSampleId :
VSTD025148

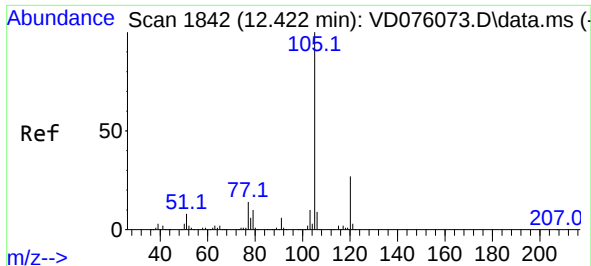
Tgt Ion: 83 Resp: 122460
Ion Ratio Lower Upper
83 100
85 61.1 45.1 83.7
131 8.9 7.0 10.6



#59
Bromoform
Concen: 22.774 ug/L
RT: 12.298 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD076073.D
Acq: 11 May 2023 11:33

Tgt Ion: 173 Resp: 66504
Ion Ratio Lower Upper
173 100
175 49.8 39.4 59.0
254 9.1 7.4 11.2

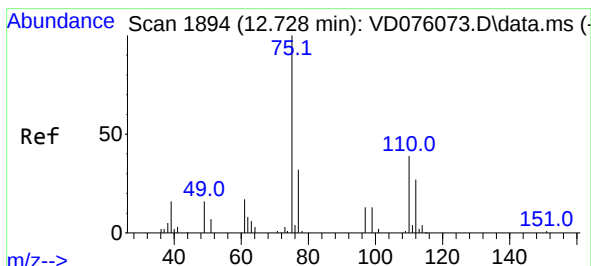
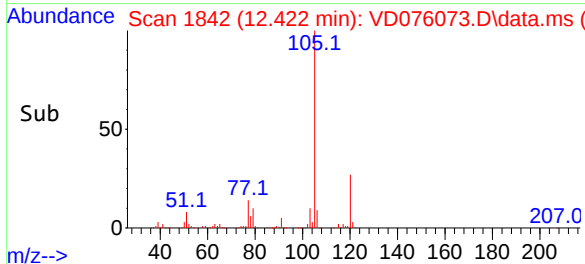
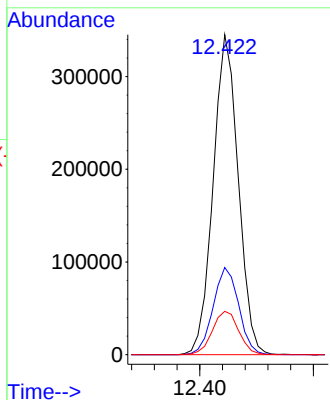
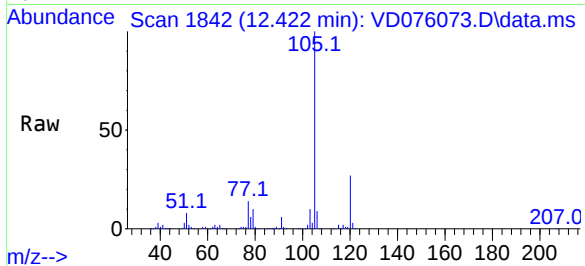




#60
Isopropylbenzene
Concen: 23.191 ug/L
RT: 12.422 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VD076073.D
Acq: 11 May 2023 11:33

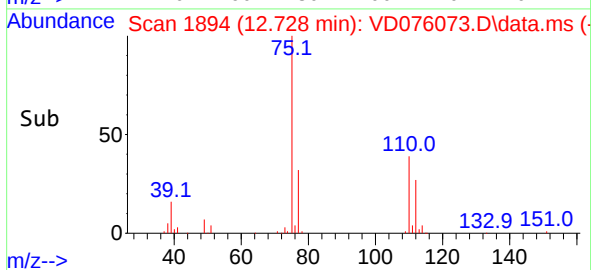
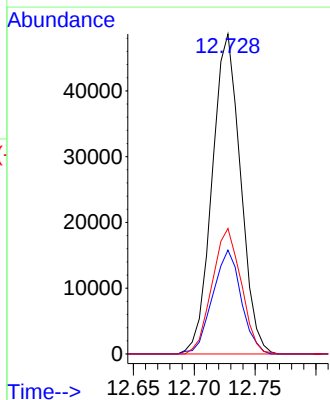
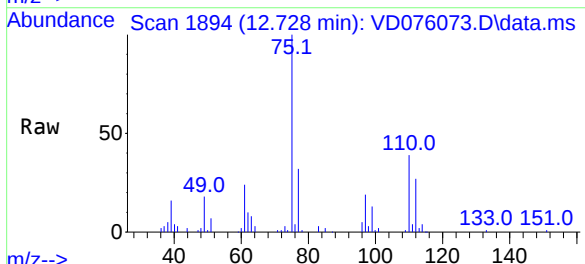
Instrument :
MSVOA_D
ClientSampleId :
VSTD025148

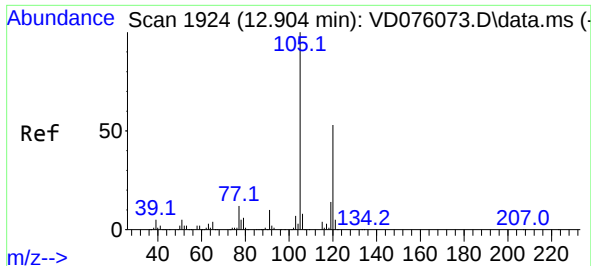
Tgt Ion:105 Resp: 529140
Ion Ratio Lower Upper
105 100
120 27.8 22.7 34.1
77 14.3 10.9 16.3



#61
1,2,3-Trichloropropane
Concen: 24.427 ug/L
RT: 12.728 min Scan# 1894
Delta R.T. 0.000 min
Lab File: VD076073.D
Acq: 11 May 2023 11:33

Tgt Ion: 75 Resp: 78955
Ion Ratio Lower Upper
75 100
77 32.7 26.6 39.8
110 40.1 33.5 50.3

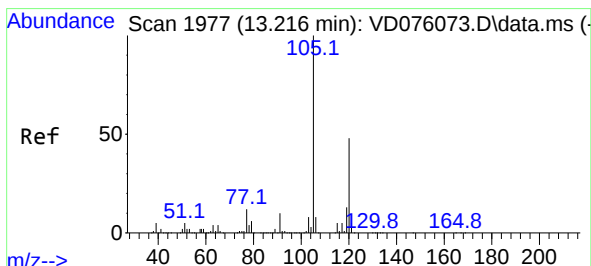
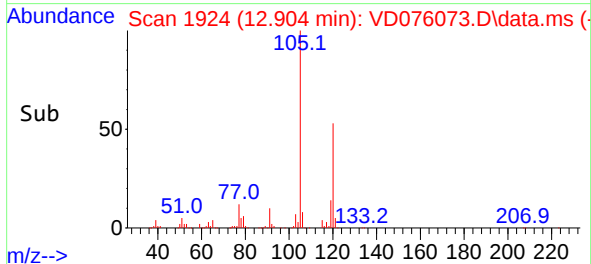
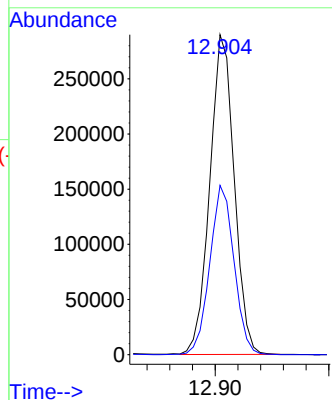
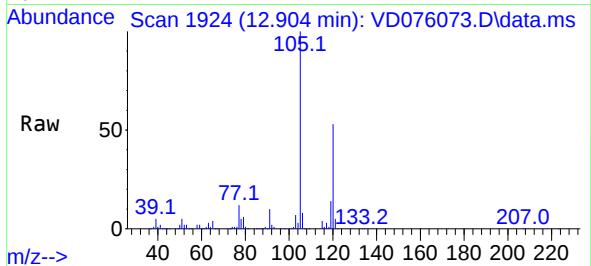




#62
1,3,5-Trimethylbenzene
Concen: 24.707 ug/L
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD076073.D
Acq: 11 May 2023 11:33

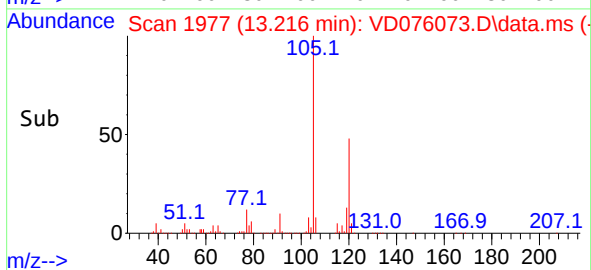
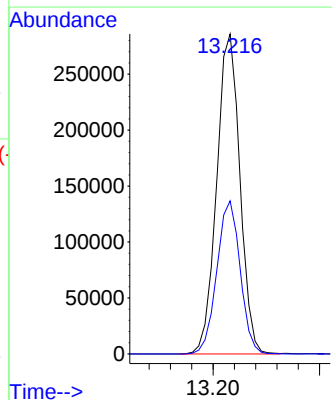
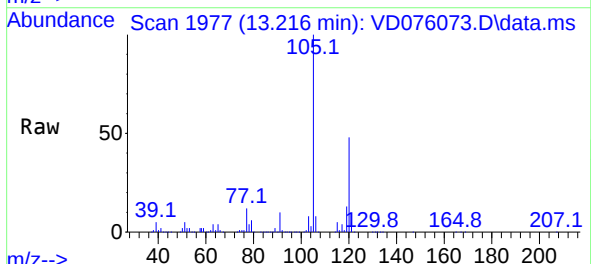
Instrument :
MSVOA_D
ClientSampleId :
VSTD025148

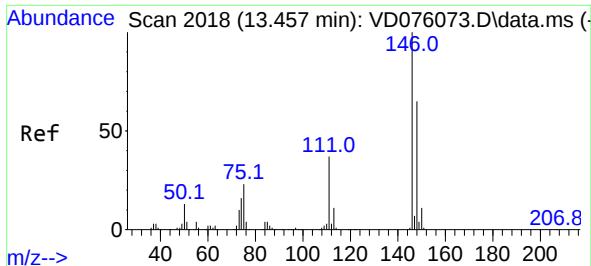
Tgt Ion:105 Resp: 432518
Ion Ratio Lower Upper
105 100
120 52.6 42.0 63.0



#63
1,2,4-Trimethylbenzene
Concen: 25.794 ug/L
RT: 13.216 min Scan# 1977
Delta R.T. 0.000 min
Lab File: VD076073.D
Acq: 11 May 2023 11:33

Tgt Ion:105 Resp: 431843
Ion Ratio Lower Upper
105 100
120 48.0 39.0 58.6

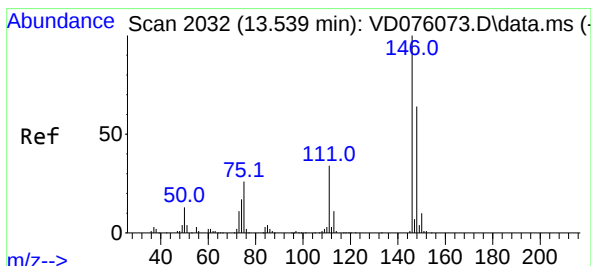
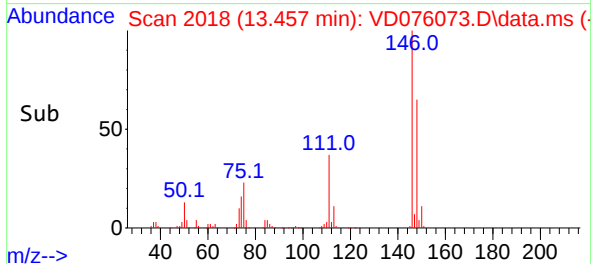
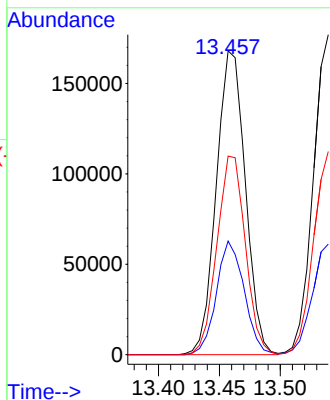
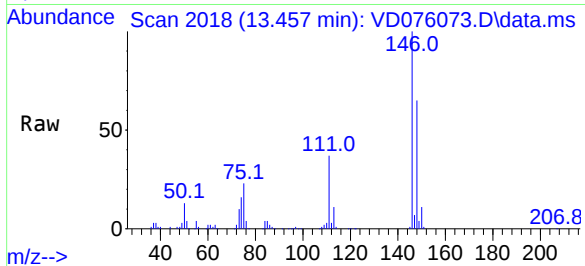




#64
1,3-Dichlorobenzene
Concen: 23.587 ug/L
RT: 13.457 min Scan# 2018
Delta R.T. 0.000 min
Lab File: VD076073.D
Acq: 11 May 2023 11:33

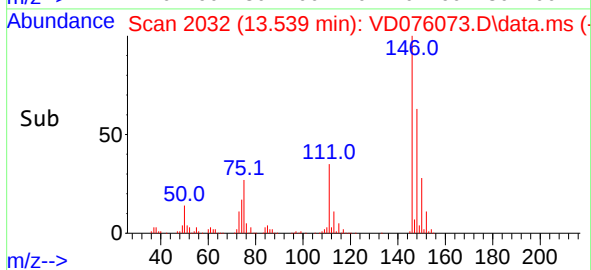
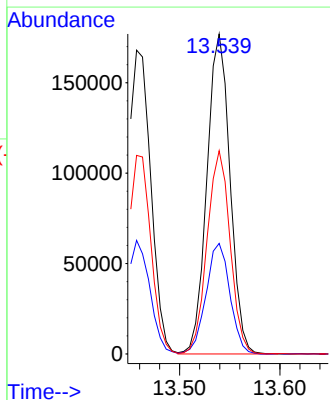
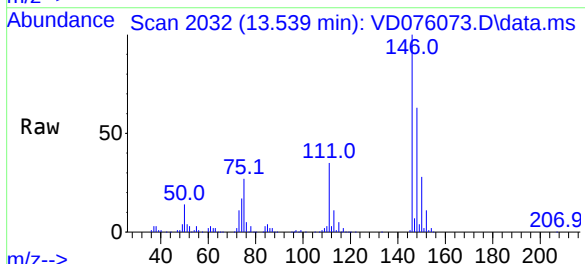
Instrument :
MSVOA_D
ClientSampleId :
VSTD025148

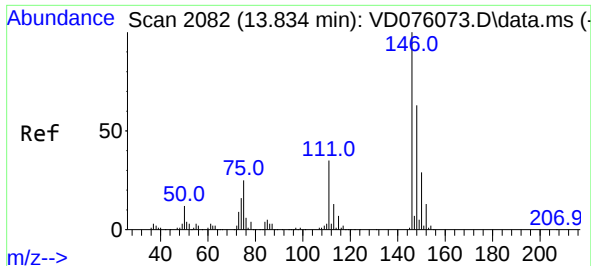
Tgt Ion:146 Resp: 279417
Ion Ratio Lower Upper
146 100
111 37.4 26.5 49.1
148 65.4 43.8 81.3



#65
1,4-Dichlorobenzene
Concen: 23.034 ug/L
RT: 13.539 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VD076073.D
Acq: 11 May 2023 11:33

Tgt Ion:146 Resp: 283865
Ion Ratio Lower Upper
146 100
111 34.5 24.6 45.8
148 63.5 44.4 82.4





#67

1,2-Dichlorobenzene

Concen: 23.479 ug/L

RT: 13.834 min Scan# 2082

Delta R.T. 0.000 min

Lab File: VD076073.D

Acq: 11 May 2023 11:33

Instrument :

MSVOA_D

ClientSampleId :

VSTD025148

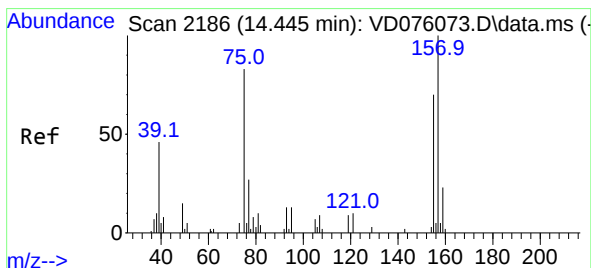
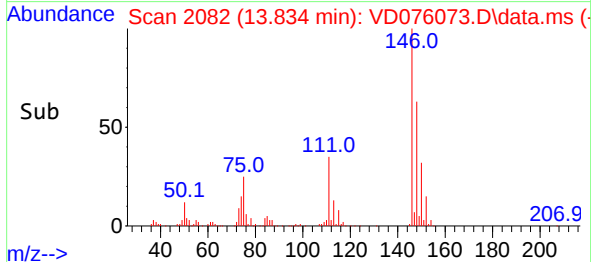
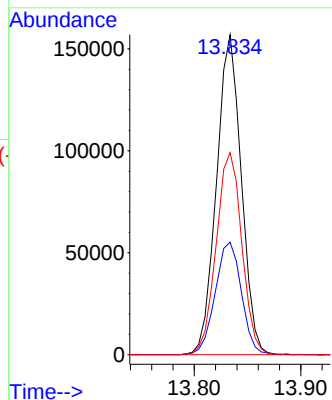
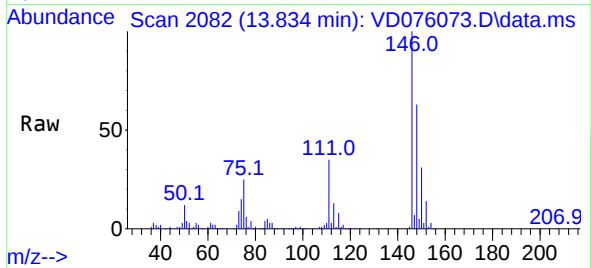
Tgt Ion:146 Resp: 253695

Ion Ratio Lower Upper

146 100

111 35.2 30.6 46.0

148 63.2 51.4 77.0



#68

1,2-Dibromo-3-chloropropane

Concen: 23.074 ug/L

RT: 14.445 min Scan# 2186

Delta R.T. 0.000 min

Lab File: VD076073.D

Acq: 11 May 2023 11:33

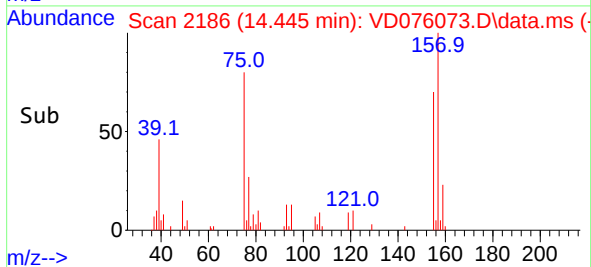
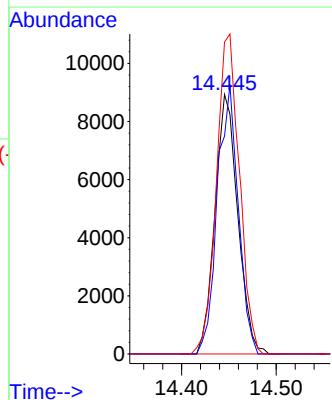
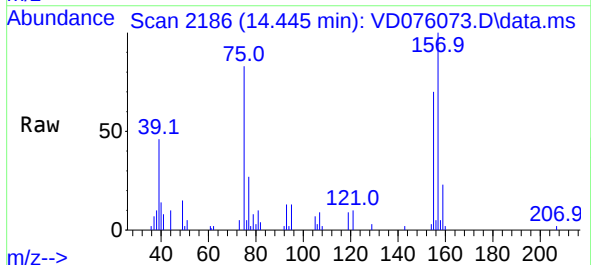
Tgt Ion: 75 Resp: 14962

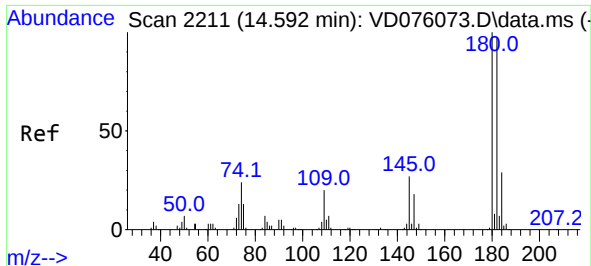
Ion Ratio Lower Upper

75 100

155 83.9 74.6 111.8

157 120.2 109.4 164.2



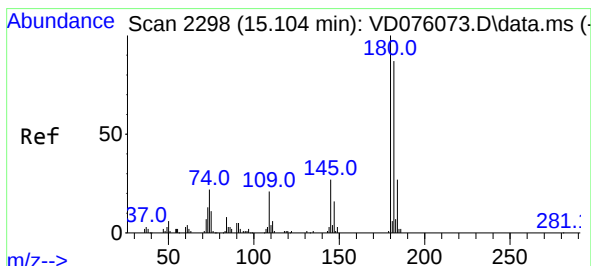
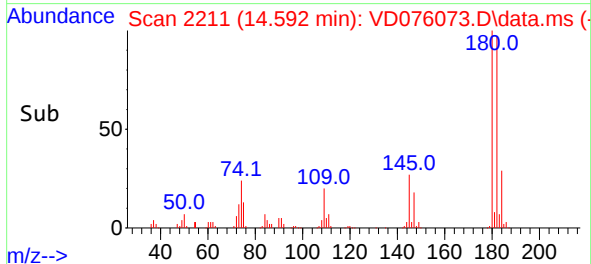
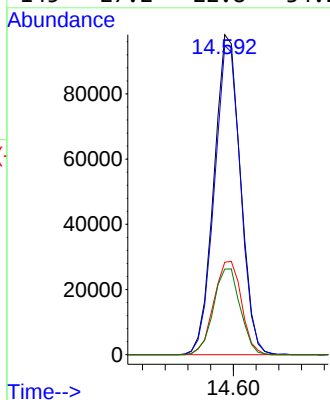
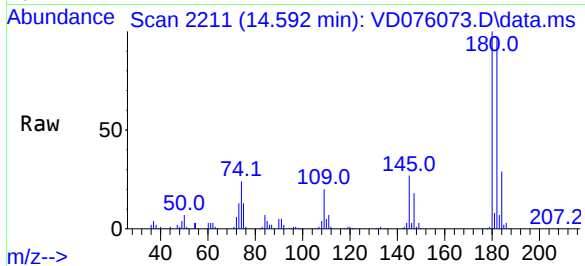


#69
1,3,5-Trichlorobenzene
Concen: 21.107 ug/L
RT: 14.592 min Scan# 2111
Delta R.T. 0.000 min
Lab File: VD076073.D
Acq: 11 May 2023 11:33

Instrument :
MSVOA_D
ClientSampleId :
VSTD025148

Tgt Ion:180 Resp: 158882

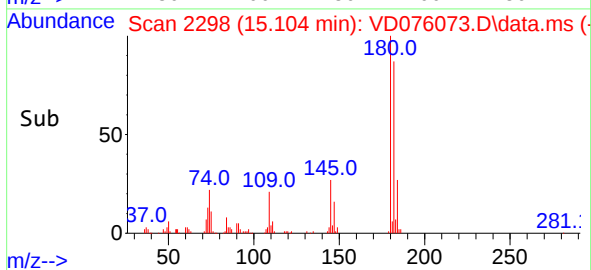
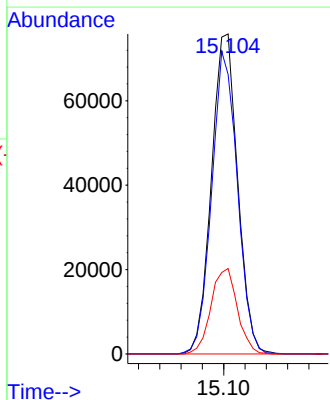
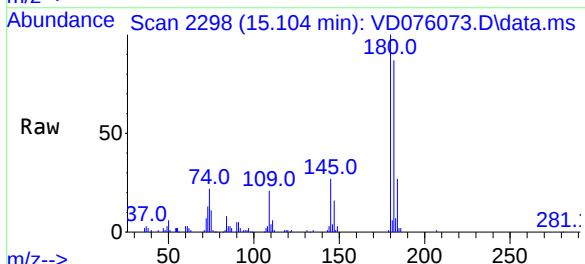
Ion	Ratio	Lower	Upper
180	100		
182	95.6	74.9	112.3
184	30.3	25.0	37.4
145	27.2	22.8	34.2

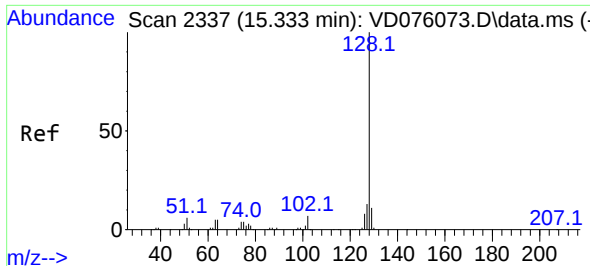


#70
1,2,4-trichlorobenzene
Concen: 21.775 ug/L
RT: 15.104 min Scan# 2298
Delta R.T. 0.000 min
Lab File: VD076073.D
Acq: 11 May 2023 11:33

Tgt Ion:180 Resp: 129723

Ion	Ratio	Lower	Upper
180	100		
182	92.4	75.4	113.2
145	26.8	23.6	35.4



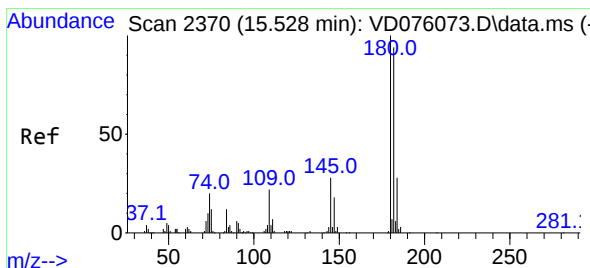
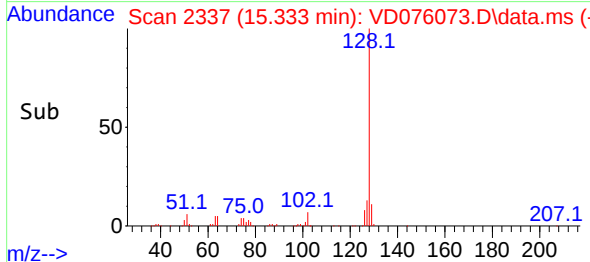
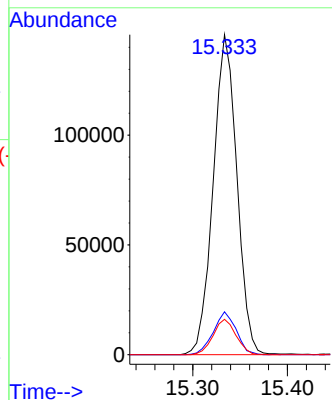
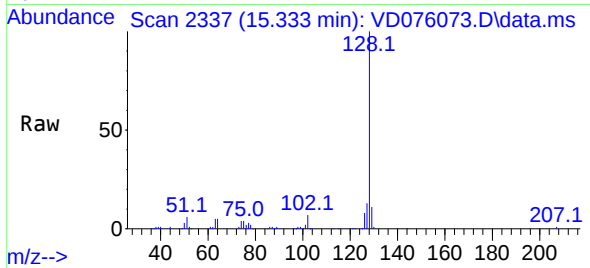


#71
Naphthalene
Concen: 22.634 ug/L
RT: 15.333 min Scan# 21
Delta R.T. 0.000 min
Lab File: VD076073.D
Acq: 11 May 2023 11:33

Instrument :
MSVOA_D
ClientSampleId :
VSTD025148

Tgt Ion:128 Resp: 253386

Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.5	15.7
129	10.7	9.1	13.7



#72
1,2,3-Trichlorobenzene
Concen: 22.485 ug/L
RT: 15.528 min Scan# 2370
Delta R.T. 0.000 min
Lab File: VD076073.D
Acq: 11 May 2023 11:33

Tgt Ion:180 Resp: 121811

Ion	Ratio	Lower	Upper
180	100		
182	96.1	76.3	114.5
145	29.7	25.0	37.6

