

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051123\
 Data File : VD076098.D
 Acq On : 12 May 2023 00:02
 Operator : KP/SY
 Sample : VSTDCCC025EC
 Misc : 5.00G/10.00ml/MSVOA_D/SOIL
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD025155

Quant Time: May 12 03:07:15 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM051123SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri May 12 02:22:21 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	369038	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	348917	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	177624	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.270	65	105299	18.653	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	74.600%
7) Chloroethane-d5	2.793	69	104758	20.212	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.840%
11) 1,1-Dichloroethene-d2	3.911	65	25815	18.164	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	72.640%
21) 2-Butanone-d5	6.987	46	40458	53.227	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	106.460%
24) Chloroform-d	7.569	84	178712	23.115	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	92.480%
26) 1,2-Dichloroethane-d4	8.228	65	80807	23.777	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	95.120%
32) Benzene-d6	8.199	84	339388	21.575	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	86.320%
36) 1,2-Dichloropropane-d6	9.204	67	110230	22.742	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	90.960%
41) Toluene-d8	10.269	98	304407	21.715	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	86.840%
43) trans-1,3-Dichloroprop...	10.528	79	40347	22.175	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	88.680%
47) 2-Hexanone-d5	10.875	63	37342	52.608	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	105.220%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	104354	25.001	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	100.000%
66) 1,2-Dichlorobenzene-d4	13.816	152	110137	21.706	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	86.840%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	103366	22.395	ug/L	99
3) Chloromethane	2.146	50	170838	26.037	ug/L	100
5) Vinyl chloride	2.275	62	192300	22.957	ug/L	98
6) Bromomethane	2.687	94	106789	20.551	ug/L	98
8) Chloroethane	2.828	64	131997	24.558	ug/L	95
9) Trichlorofluoromethane	3.170	101	156771	22.861	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	3.964	101	112581	23.046	ug/L	97
12) 1,1-Dichloroethene	3.934	96	99187	22.654	ug/L #	83
13) Acetone	4.022	43	29496	43.558	ug/L	99
14) Carbon disulfide	4.264	76	329175	24.146	ug/L	99
15) Methyl Acetate	4.564	43	39244	26.945	ug/L #	61
16) Methylene chloride	4.799	84	143324	23.884	ug/L	91
17) trans-1,2-Dichloroethene	5.305	96	115946	24.733	ug/L	93
18) Methyl tert-butyl Ether	5.322	73	216925	26.076	ug/L #	90
19) 1,1-Dichloroethane	6.105	63	202365	25.327	ug/L	97
20) cis-1,2-Dichloroethene	7.081	96	131147	25.236	ug/L	93
22) 2-Butanone	7.081	43	47697	50.415	ug/L	92
23) Bromochloromethane	7.422	128	65644	25.841	ug/L #	93
25) Chloroform	7.593	83	219247	25.699	ug/L	99

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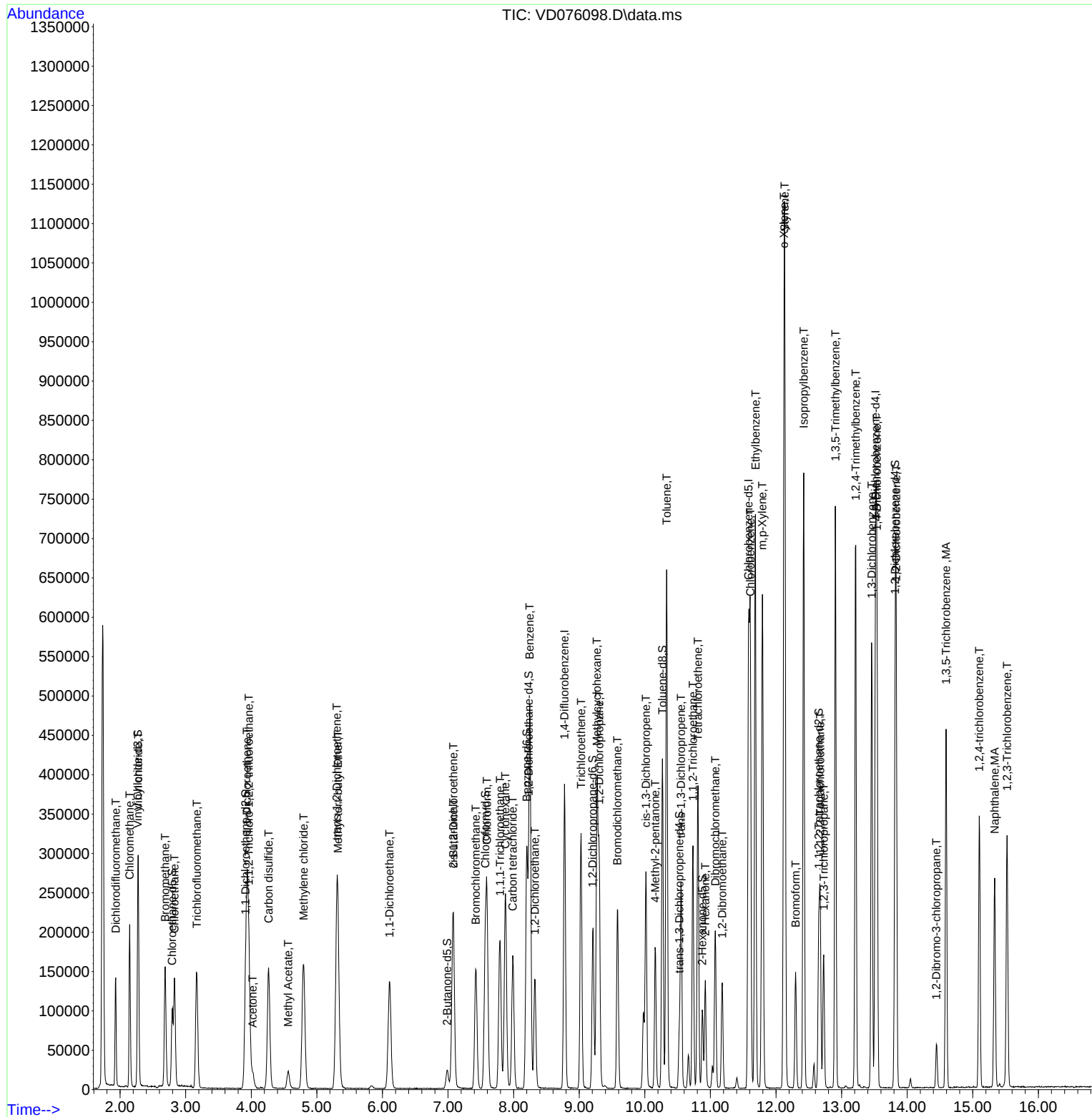
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.322	62	124212	27.628	ug/L	98
29) Cyclohexane	7.875	56	128603	22.220	ug/L	89
30) 1,1,1-Trichloroethane	7.793	97	162088	22.868	ug/L	99
31) Carbon tetrachloride	7.987	117	131331	23.520	ug/L	96
33) Benzene	8.246	78	490671	25.295	ug/L	100
34) Trichloroethene	9.028	95	115940	23.155	ug/L	94
35) Methylcyclohexane	9.269	83	169543	22.349	ug/L	96
37) 1,2-Dichloropropane	9.304	63	128227	25.916	ug/L	100
38) Bromodichloromethane	9.581	83	160636	25.340	ug/L	100
39) cis-1,3-Dichloropropene	10.016	75	173654	24.366	ug/L	99
40) 4-Methyl-2-pentanone	10.157	43	109557	54.936	ug/L	95
42) Toluene	10.334	91	536563	25.910	ug/L	98
44) trans-1,3-Dichloropropene	10.551	75	151159	25.419	ug/L	98
45) 1,1,2-Trichloroethane	10.734	97	104247	26.094	ug/L	97
46) Tetrachloroethene	10.810	164	96463	23.060	ug/L	93
48) 2-Hexanone	10.922	43	76883	53.126	ug/L	93
49) Dibromochloromethane	11.075	129	109893	25.494	ug/L	96
50) 1,2-Dibromoethane	11.181	107	91619	25.967	ug/L	96
51) Chlorobenzene	11.610	112	347374	24.646	ug/L	100
52) Ethylbenzene	11.687	91	538359	25.059	ug/L	97
53) m,p-Xylene	11.793	106	217133	25.918	ug/L	97
54) o-Xylene	12.122	106	204124	25.691	ug/L	98
55) Styrene	12.134	104	380545	27.035	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.675	83	115653	25.858	ug/L	99
59) Bromoform	12.298	173	67438	26.127	ug/L	97
60) Isopropylbenzene	12.422	105	510866	25.331	ug/L	99
61) 1,2,3-Trichloropropane	12.728	75	75012	26.255	ug/L	99
62) 1,3,5-Trimethylbenzene	12.904	105	386596	24.985	ug/L	100
63) 1,2,4-Trimethylbenzene	13.216	105	376856	25.466	ug/L	99
64) 1,3-Dichlorobenzene	13.457	146	263050	25.122	ug/L	94
65) 1,4-Dichlorobenzene	13.540	146	266412	24.457	ug/L	97
67) 1,2-Dichlorobenzene	13.834	146	234225	24.524	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.445	75	14126	24.646	ug/L	93
69) 1,3,5-Trichlorobenzene	14.592	180	148366	22.299	ug/L	98
70) 1,2,4-trichlorobenzene	15.098	180	121970	23.163	ug/L	99
71) Naphthalene	15.334	128	248959	25.160	ug/L	99
72) 1,2,3-Trichlorobenzene	15.522	180	120392	25.142	ug/L	98

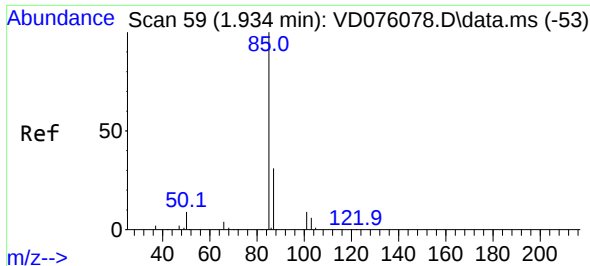
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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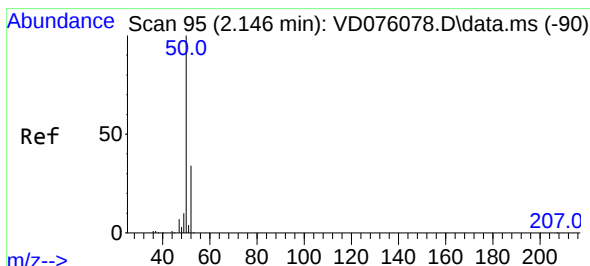
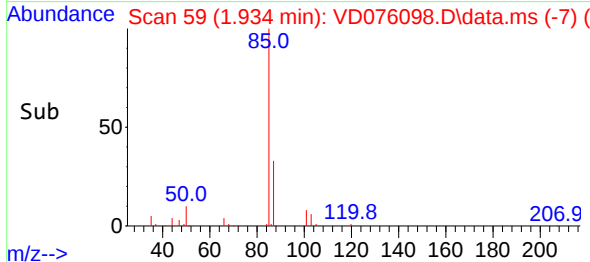
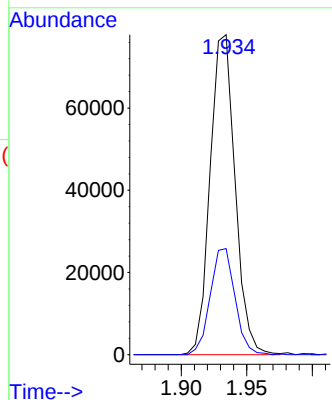
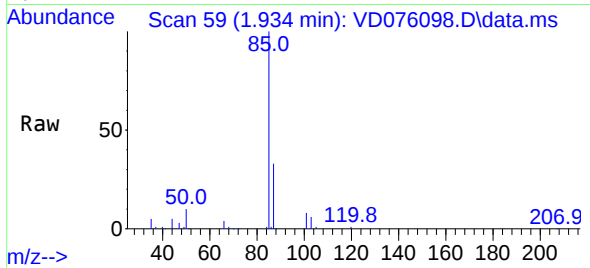




#2
Dichlorodifluoromethane
Concen: 22.395 ug/L
RT: 1.934 min Scan# 59
Delta R.T. 0.006 min
Lab File: VD076098.D
Acq: 12 May 2023 00:02

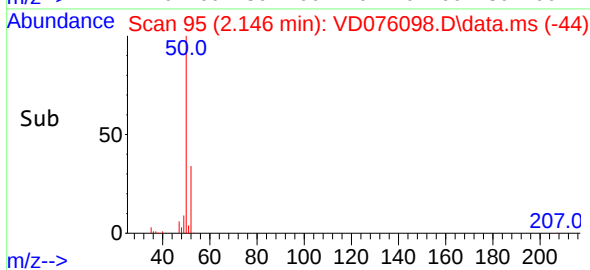
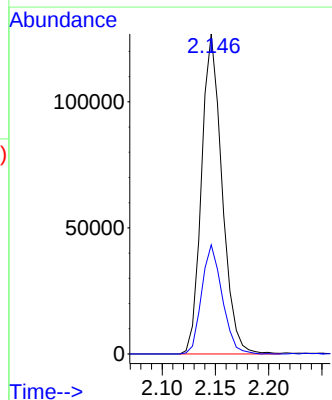
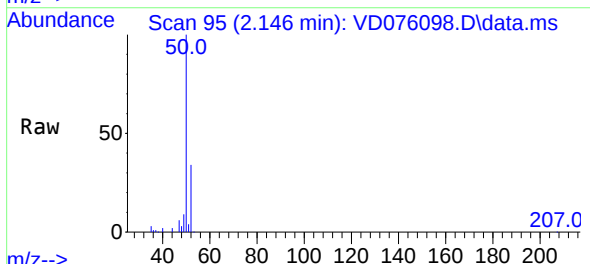
Instrument :
MSVOA_D
ClientSampleId :
VSTD025155

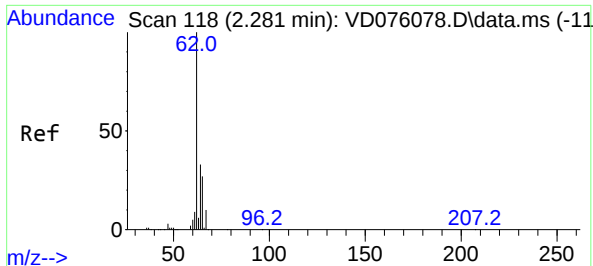
Tgt Ion: 85 Resp: 103366
Ion Ratio Lower Upper
85 100
87 32.8 25.8 38.8



#3
Chloromethane
Concen: 26.037 ug/L
RT: 2.146 min Scan# 95
Delta R.T. 0.000 min
Lab File: VD076098.D
Acq: 12 May 2023 00:02

Tgt Ion: 50 Resp: 170838
Ion Ratio Lower Upper
50 100
52 34.1 23.7 44.1

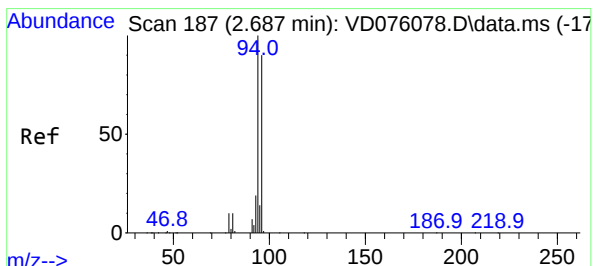
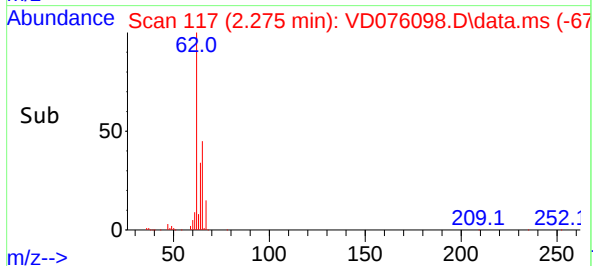
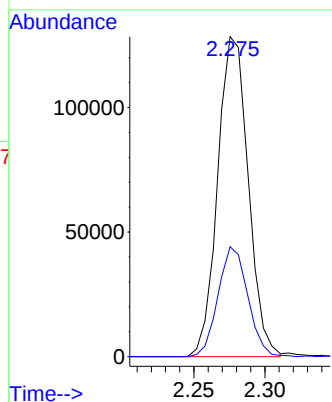
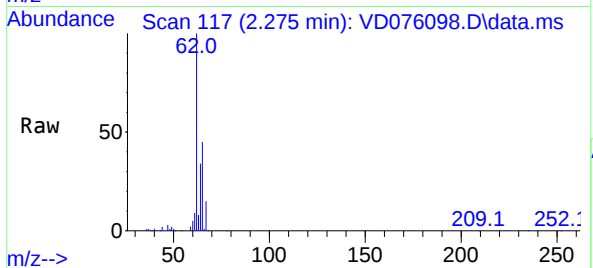




#5
 Vinyl chloride
 Concen: 22.957 ug/L
 RT: 2.275 min Scan# 118
 Delta R.T. -0.006 min
 Lab File: VD076098.D
 Acq: 12 May 2023 00:02

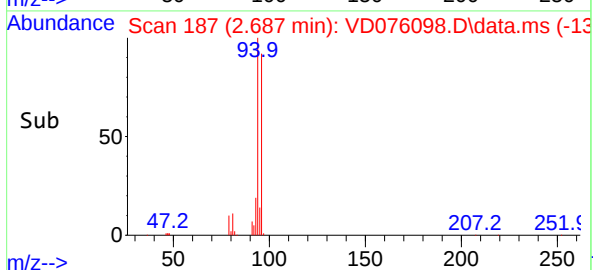
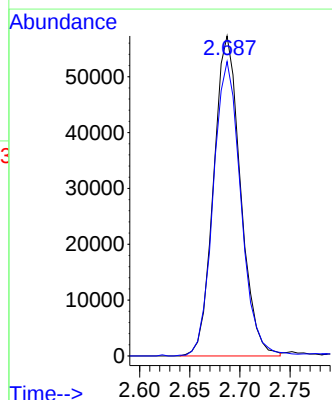
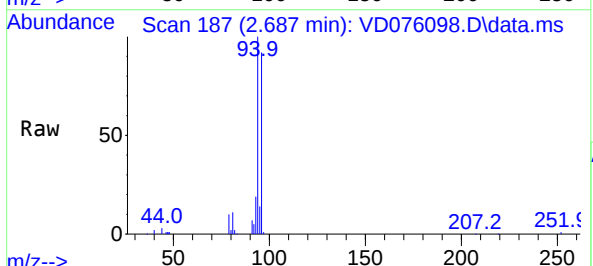
Instrument :
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 ClientSampleId :
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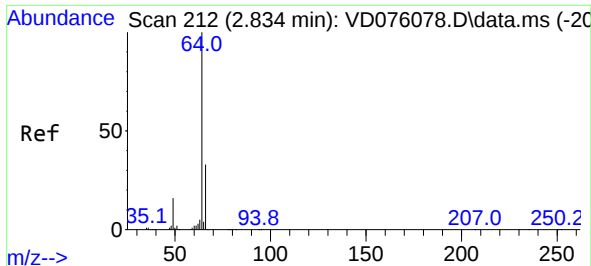
Tgt Ion: 62 Resp: 192300
 Ion Ratio Lower Upper
 62 100
 64 34.3 23.2 43.0



#6
 Bromomethane
 Concen: 20.551 ug/L
 RT: 2.687 min Scan# 187
 Delta R.T. 0.000 min
 Lab File: VD076098.D
 Acq: 12 May 2023 00:02

Tgt Ion: 94 Resp: 106789
 Ion Ratio Lower Upper
 94 100
 96 92.0 65.7 121.9

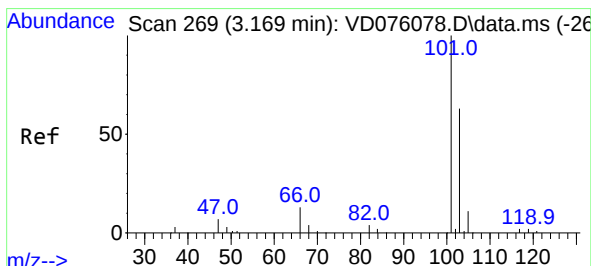
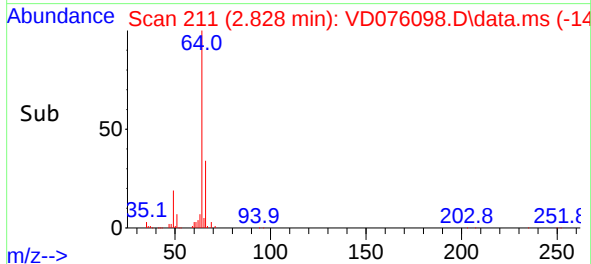
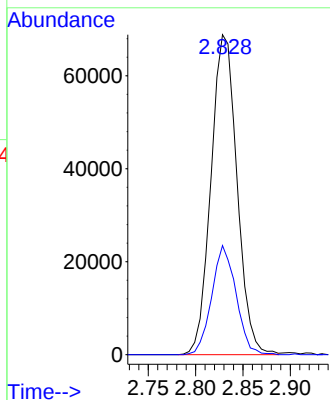
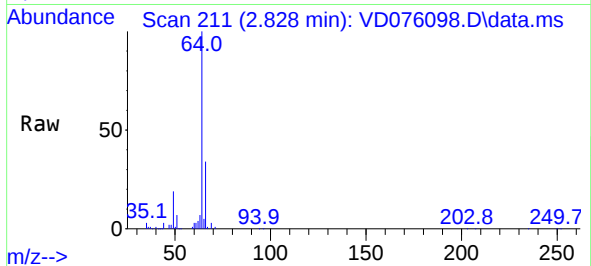




#8
Chloroethane
Concen: 24.558 ug/L
RT: 2.828 min Scan# 211
Delta R.T. -0.006 min
Lab File: VD076098.D
Acq: 12 May 2023 00:02

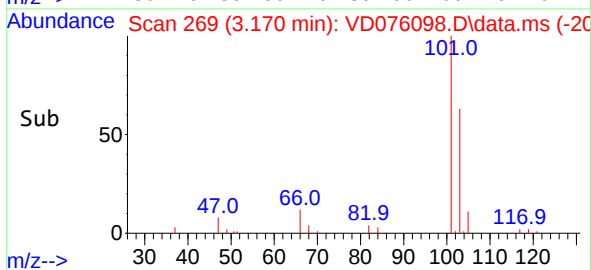
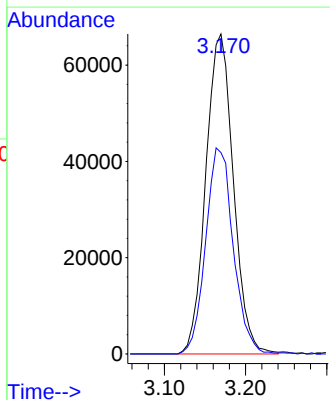
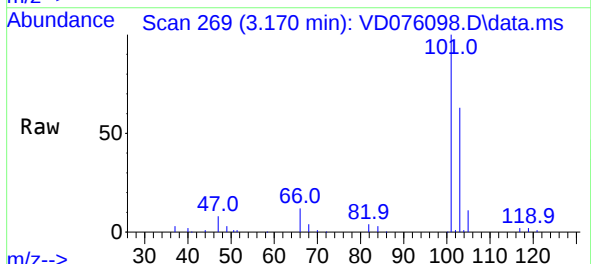
Instrument :
MSVOA_D
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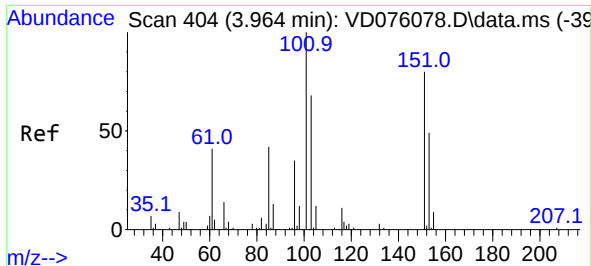
Tgt Ion: 64 Resp: 131997
Ion Ratio Lower Upper
64 100
66 34.1 21.8 40.4



#9
Trichlorofluoromethane
Concen: 22.861 ug/L
RT: 3.170 min Scan# 269
Delta R.T. 0.000 min
Lab File: VD076098.D
Acq: 12 May 2023 00:02

Tgt Ion:101 Resp: 156771
Ion Ratio Lower Upper
101 100
103 64.5 52.2 78.4



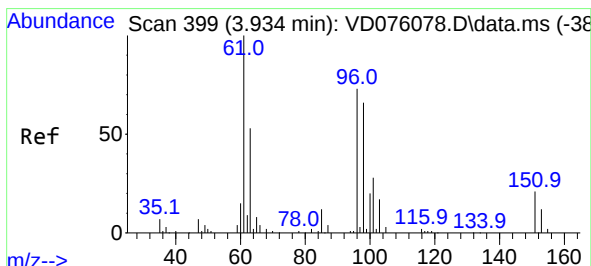
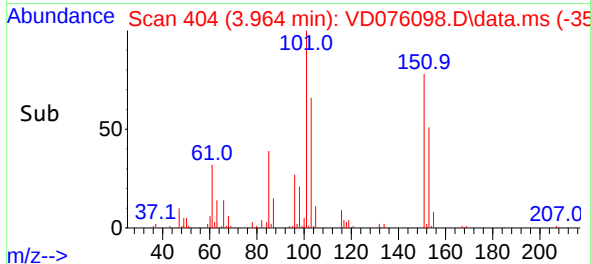
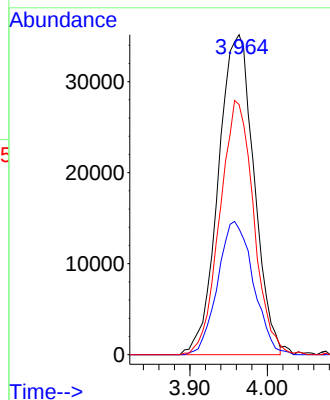
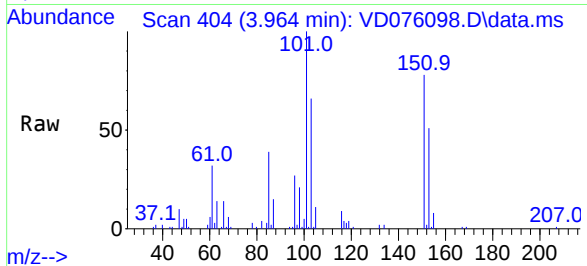


#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 23.046 ug/L
 RT: 3.964 min Scan# 404
 Delta R.T. 0.006 min
 Lab File: VD076098.D
 Acq: 12 May 2023 00:02

Instrument :
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Tgt Ion:101 Resp: 112581

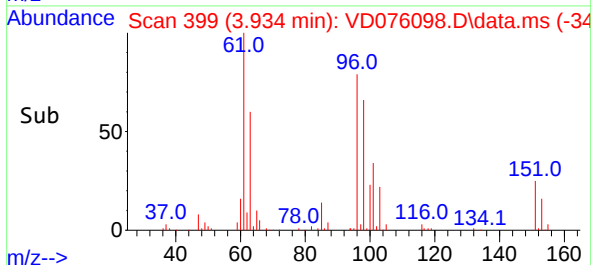
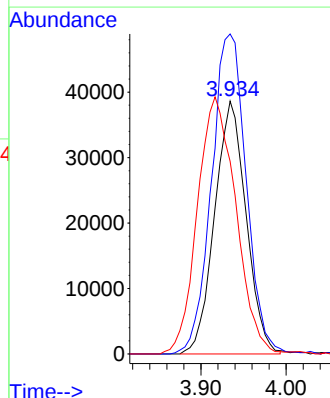
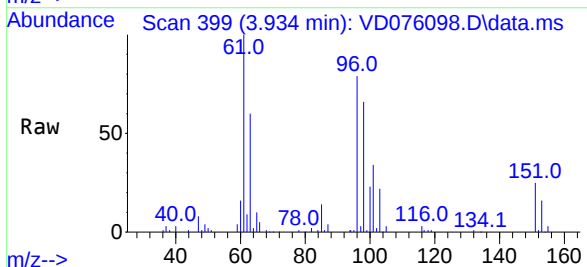
Ion	Ratio	Lower	Upper
101	100		
85	41.7	32.9	49.3
151	75.4	57.2	85.8

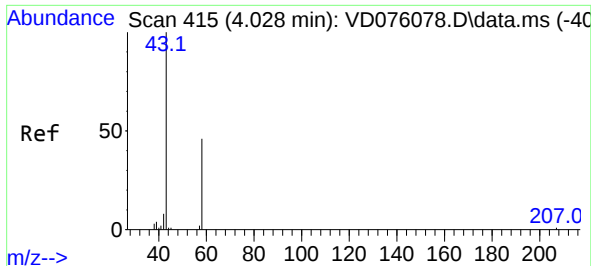


#12
 1,1-Dichloroethene
 Concen: 22.654 ug/L
 RT: 3.934 min Scan# 399
 Delta R.T. -0.006 min
 Lab File: VD076098.D
 Acq: 12 May 2023 00:02

Tgt Ion: 96 Resp: 99187

Ion	Ratio	Lower	Upper
96	100		
61	126.6	92.6	172.0
63	76.2	77.4	143.8

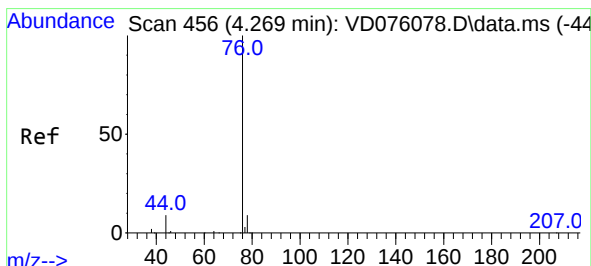
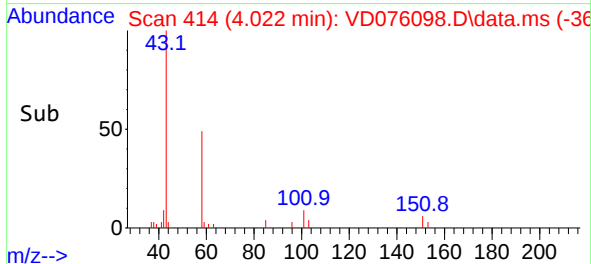
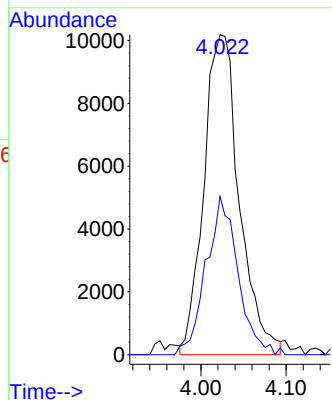
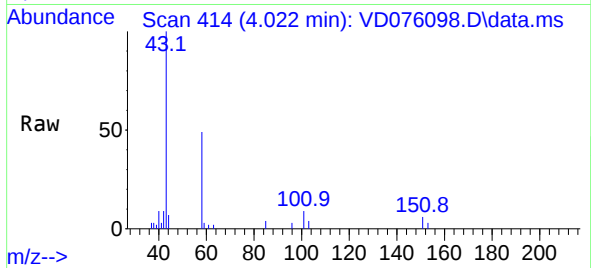




#13
Acetone
Concen: 43.558 ug/L
RT: 4.022 min Scan# 415
Delta R.T. 0.000 min
Lab File: VD076098.D
Acq: 12 May 2023 00:02

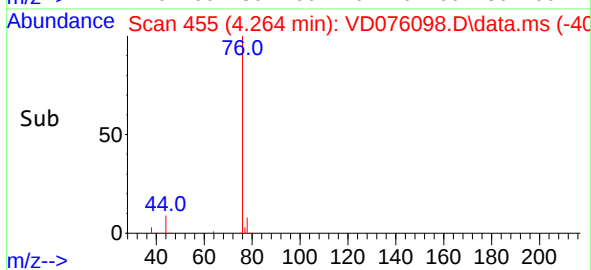
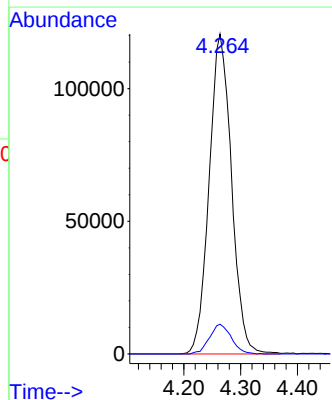
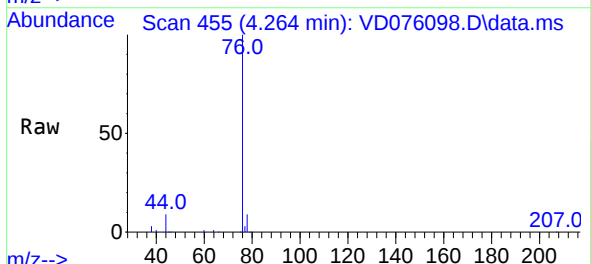
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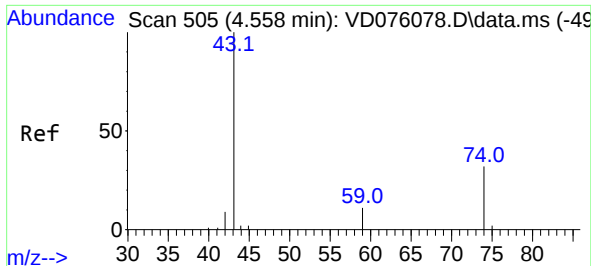
Tgt Ion: 43 Resp: 29496
Ion Ratio Lower Upper
43 100
58 44.1 0.0 87.4



#14
Carbon disulfide
Concen: 24.146 ug/L
RT: 4.264 min Scan# 455
Delta R.T. -0.006 min
Lab File: VD076098.D
Acq: 12 May 2023 00:02

Tgt Ion: 76 Resp: 329175
Ion Ratio Lower Upper
76 100
78 9.3 7.0 10.6

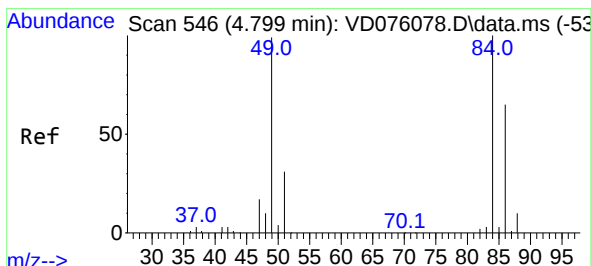
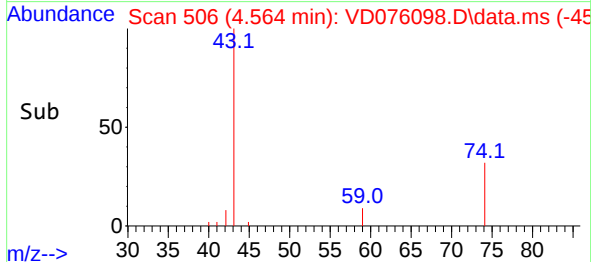
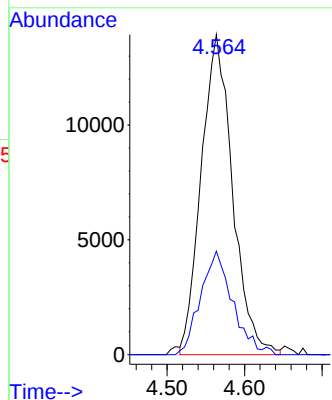
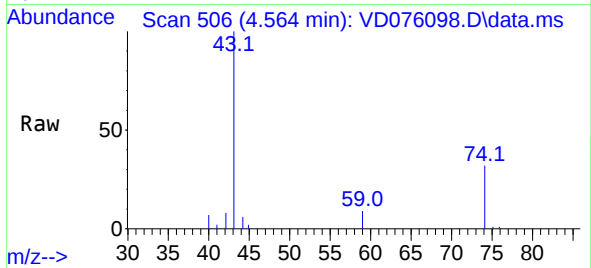




#15
Methyl Acetate
Concen: 26.945 ug/L
RT: 4.564 min Scan# 505
Delta R.T. 0.006 min
Lab File: VD076098.D
Acq: 12 May 2023 00:02

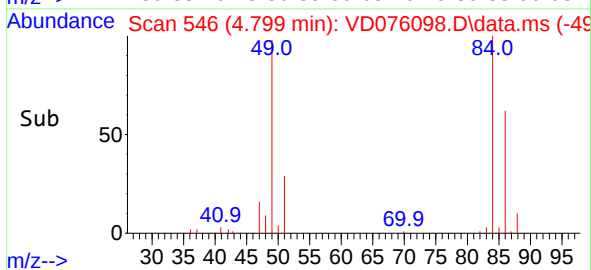
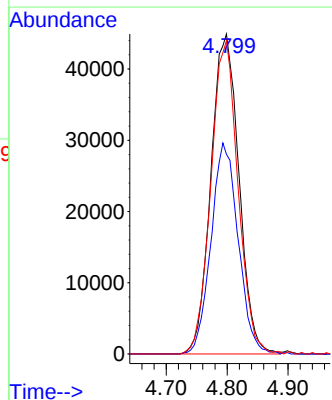
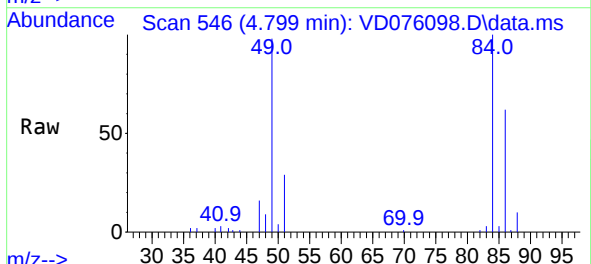
Instrument :
MSVOA_D
ClientSampleId :
VSTD025155

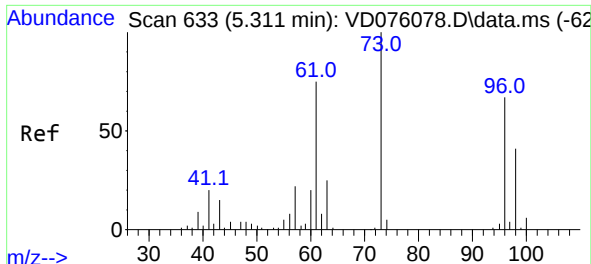
Tgt Ion: 43 Resp: 39244
Ion Ratio Lower Upper
43 100
74 32.7 12.8 19.2#



#16
Methylene chloride
Concen: 23.884 ug/L
RT: 4.799 min Scan# 546
Delta R.T. 0.000 min
Lab File: VD076098.D
Acq: 12 May 2023 00:02

Tgt Ion: 84 Resp: 143324
Ion Ratio Lower Upper
84 100
86 62.4 45.8 85.2
49 97.8 60.8 112.8

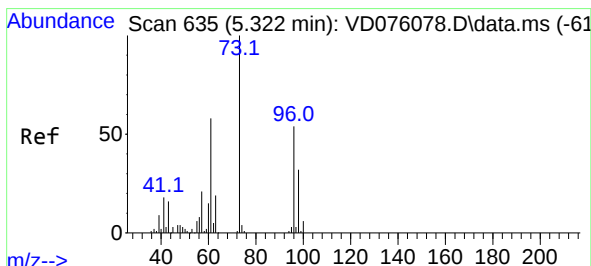
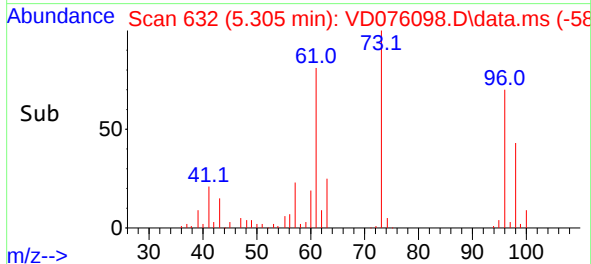
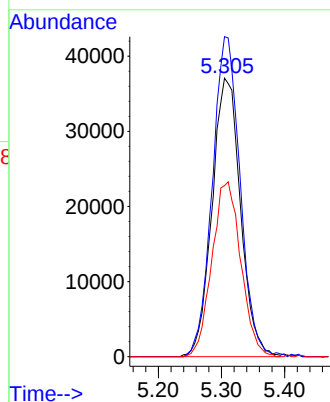
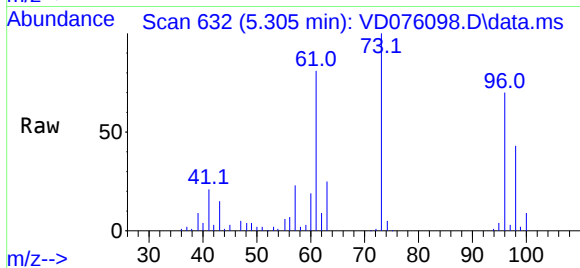




#17
trans-1,2-Dichloroethene
Concen: 24.733 ug/L
RT: 5.305 min Scan# 611
Delta R.T. -0.006 min
Lab File: VD076098.D
Acq: 12 May 2023 00:02

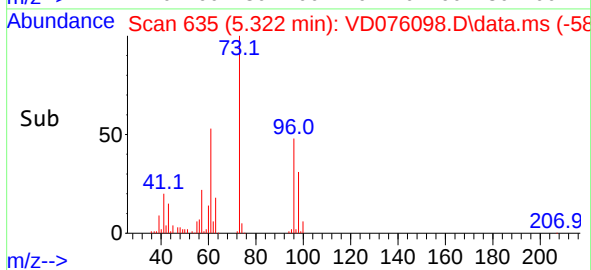
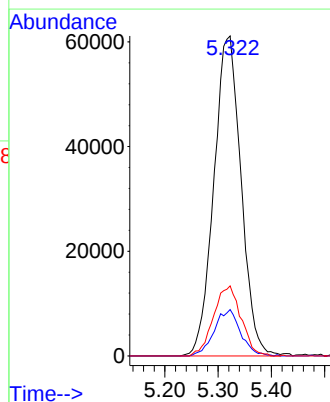
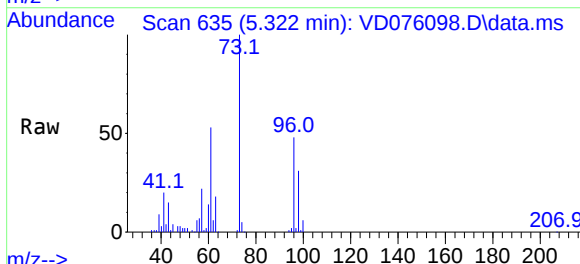
Instrument :
MSVOA_D
ClientSampleId :
VSTD025155

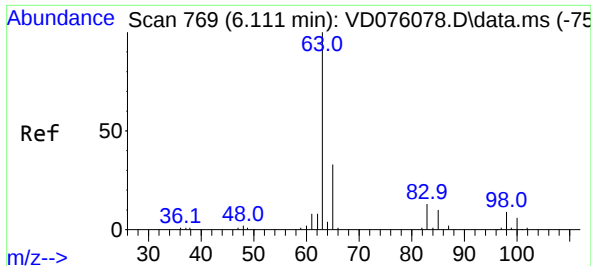
Tgt Ion: 96 Resp: 115946
Ion Ratio Lower Upper
96 100
61 114.9 72.9 135.5
98 61.4 43.0 79.8



#18
Methyl tert-butyl Ether
Concen: 26.076 ug/L
RT: 5.322 min Scan# 635
Delta R.T. 0.006 min
Lab File: VD076098.D
Acq: 12 May 2023 00:02

Tgt Ion: 73 Resp: 216925
Ion Ratio Lower Upper
73 100
43 6.1 11.3 16.9#
57 22.1 16.3 24.5

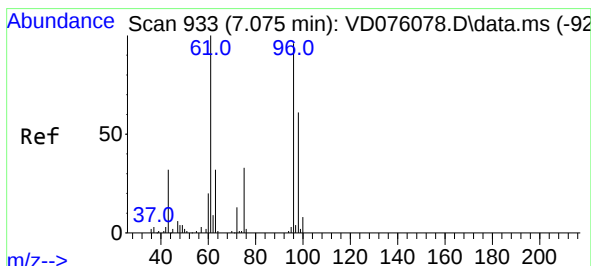
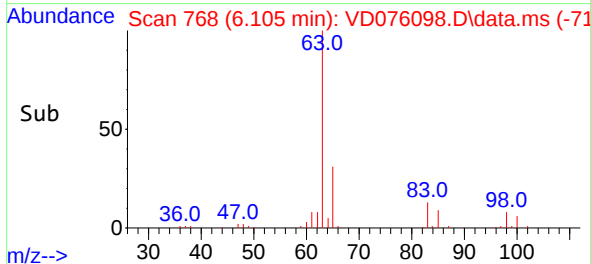
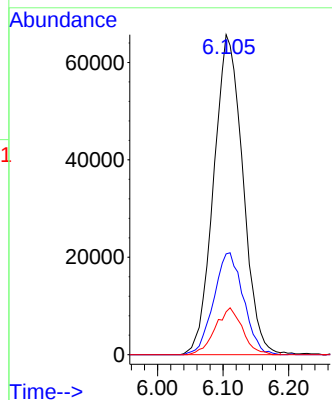
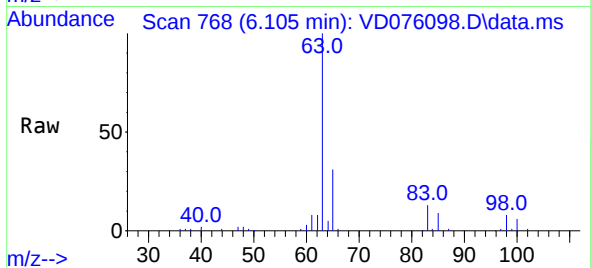




#19
1,1-Dichloroethane
Concen: 25.327 ug/L
RT: 6.105 min Scan# 768
Delta R.T. -0.006 min
Lab File: VD076098.D
Acq: 12 May 2023 00:02

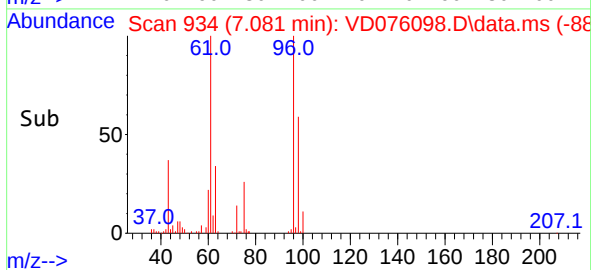
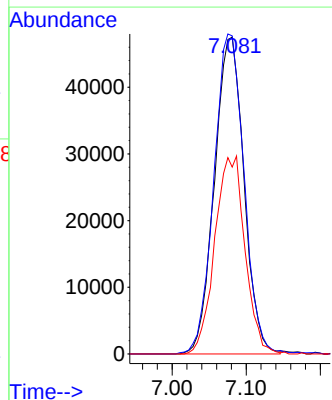
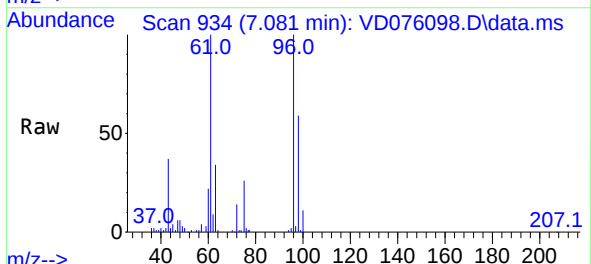
Instrument :
MSVOA_D
ClientSampleId :
VSTD025155

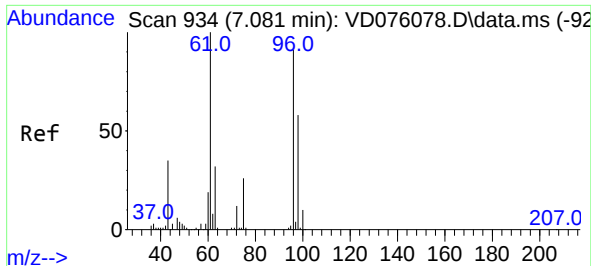
Tgt Ion: 63 Resp: 202365
Ion Ratio Lower Upper
63 100
65 31.5 22.8 42.4
83 13.4 11.2 20.8



#20
cis-1,2-Dichloroethene
Concen: 25.236 ug/L
RT: 7.081 min Scan# 934
Delta R.T. 0.006 min
Lab File: VD076098.D
Acq: 12 May 2023 00:02

Tgt Ion: 96 Resp: 131147
Ion Ratio Lower Upper
96 100
61 100.4 67.5 125.3
98 59.0 47.5 88.1

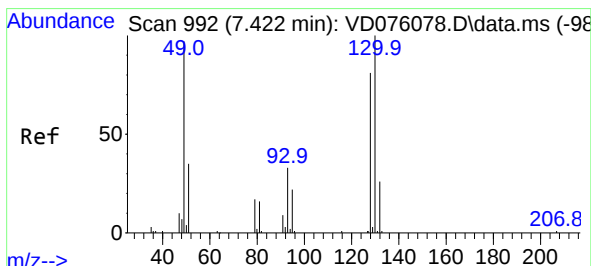
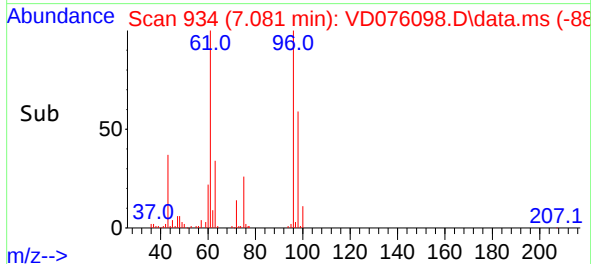
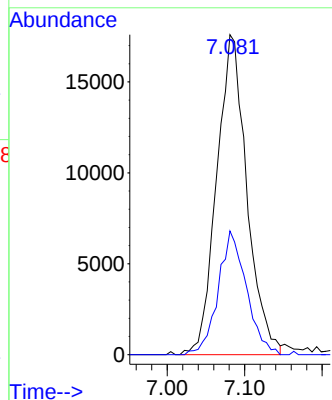
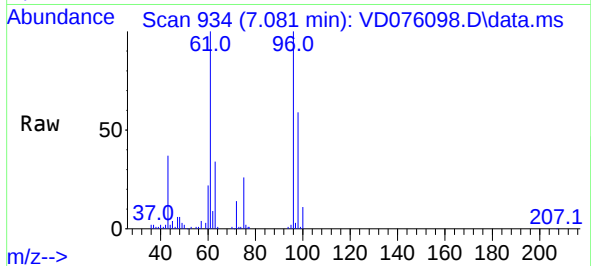




#22
2-Butanone
Concen: 50.415 ug/L
RT: 7.081 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD076098.D
Acq: 12 May 2023 00:02

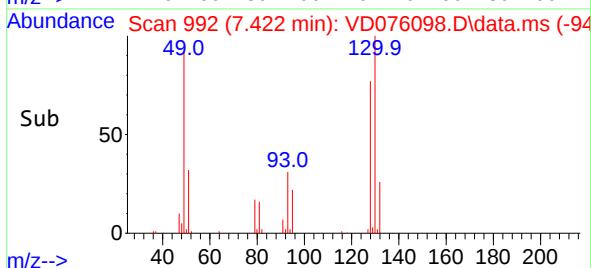
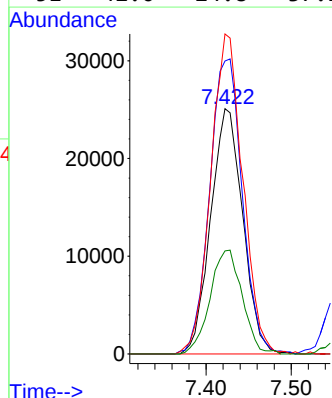
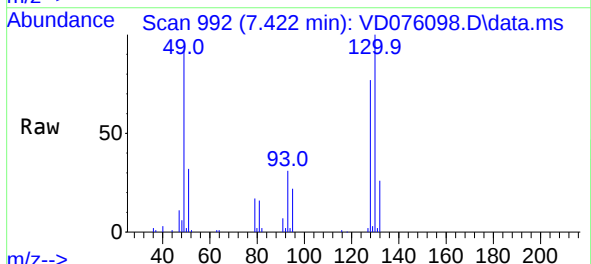
Instrument :
MSVOA_D
ClientSampleId :
VSTD025155

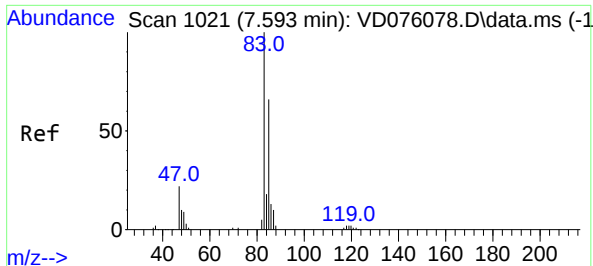
Tgt Ion: 43 Resp: 47697
Ion Ratio Lower Upper
43 100
72 35.9 20.5 61.5



#23
Bromochloromethane
Concen: 25.841 ug/L
RT: 7.422 min Scan# 992
Delta R.T. 0.000 min
Lab File: VD076098.D
Acq: 12 May 2023 00:02

Tgt Ion: 128 Resp: 65644
Ion Ratio Lower Upper
128 100
49 119.4 76.4 142.0
130 130.5 93.5 173.7
51 42.0 24.8 37.2#





#25

Chloroform

Concen: 25.699 ug/L

RT: 7.593 min Scan# 1021

Delta R.T. 0.000 min

Lab File: VD076098.D

Acq: 12 May 2023 00:02

Instrument :

MSVOA_D

ClientSampleId :

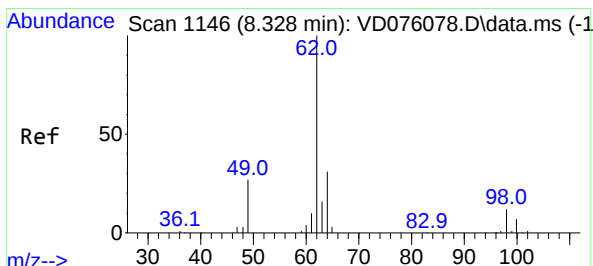
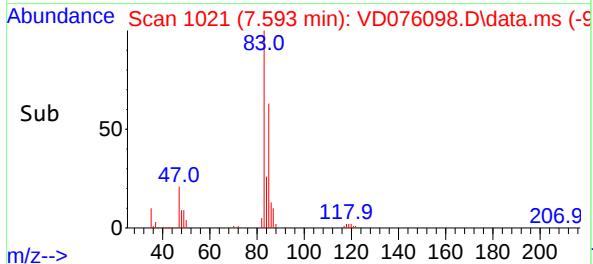
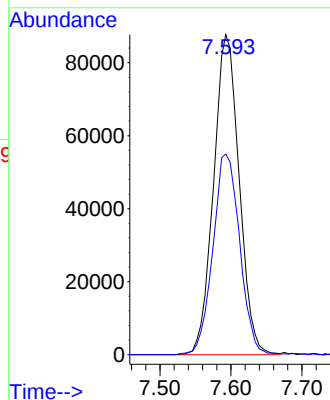
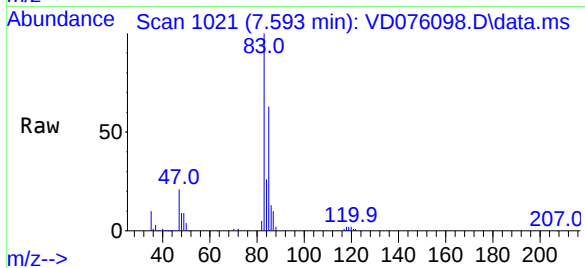
VSTD025155

Tgt Ion: 83 Resp: 219247

Ion Ratio Lower Upper

83 100

85 62.7 44.4 82.5



#27

1,2-Dichloroethane

Concen: 27.628 ug/L

RT: 8.322 min Scan# 1145

Delta R.T. 0.000 min

Lab File: VD076098.D

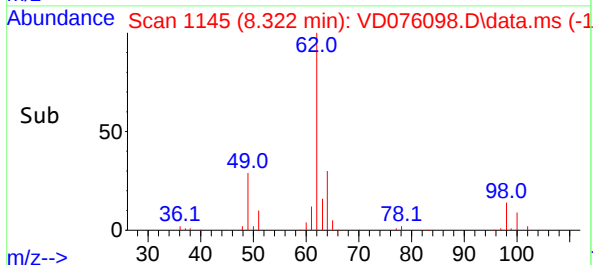
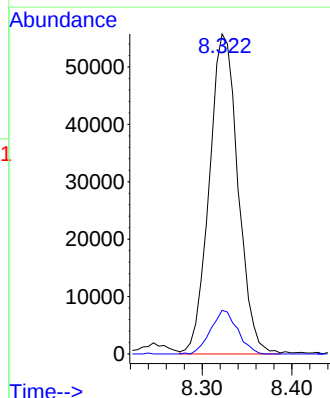
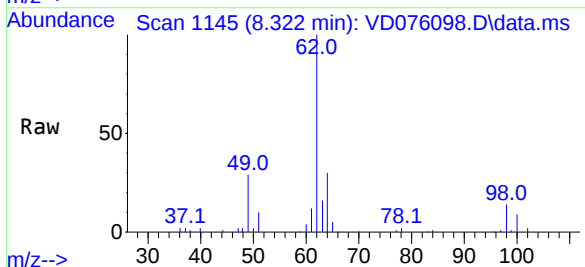
Acq: 12 May 2023 00:02

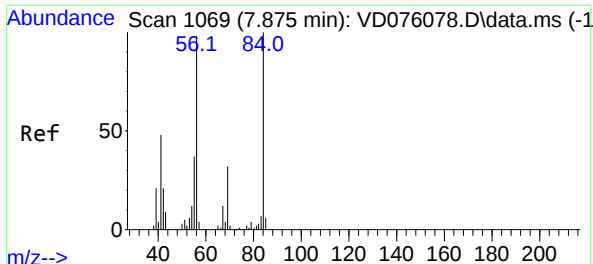
Tgt Ion: 62 Resp: 124212

Ion Ratio Lower Upper

62 100

98 13.6 10.2 15.2





#29

Cyclohexane

Concen: 22.220 ug/L

RT: 7.875 min Scan# 1069

Delta R.T. 0.000 min

Lab File: VD076098.D

Acq: 12 May 2023 00:02

Instrument :

MSVOA_D

ClientSampleId :

VSTD025155

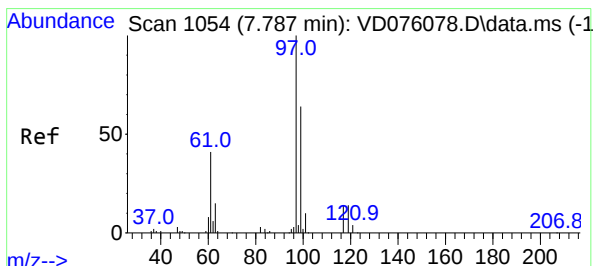
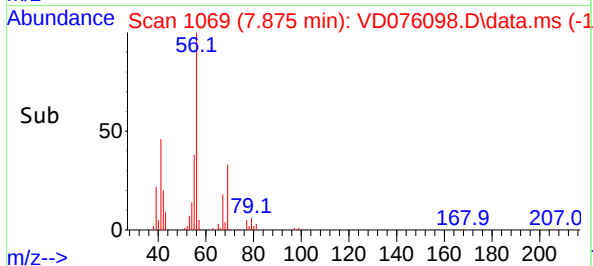
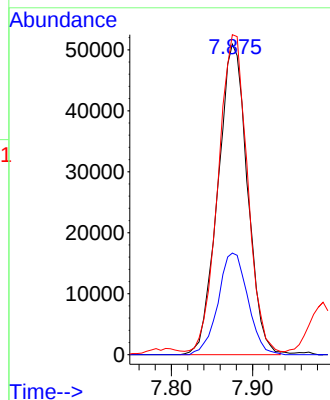
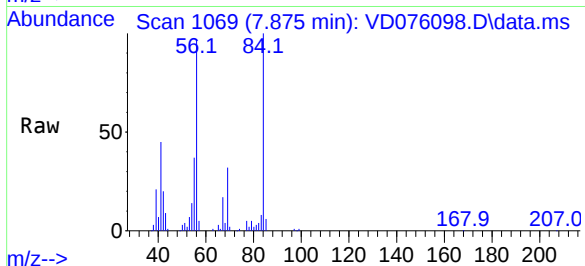
Tgt Ion: 56 Resp: 128603

Ion Ratio Lower Upper

56 100

69 33.0 28.2 42.2

84 101.6 92.4 138.6



#30

1,1,1-Trichloroethane

Concen: 22.868 ug/L

RT: 7.793 min Scan# 1055

Delta R.T. 0.000 min

Lab File: VD076098.D

Acq: 12 May 2023 00:02

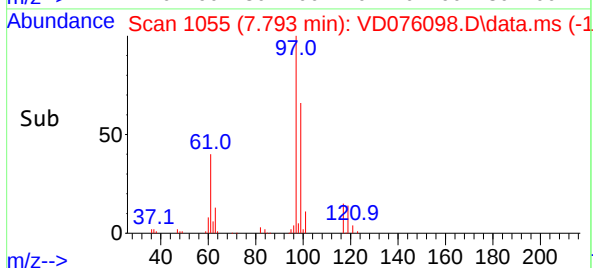
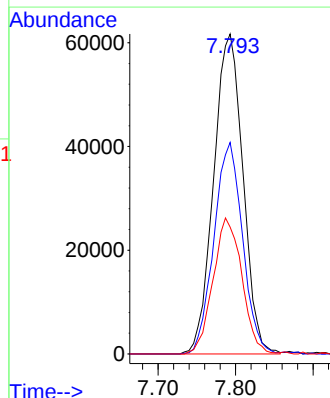
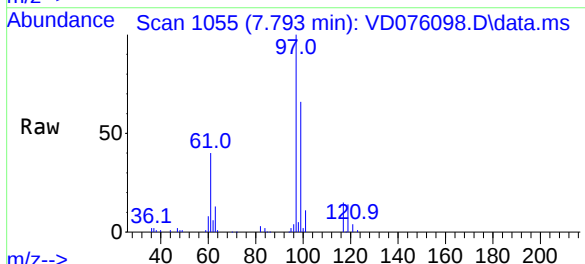
Tgt Ion: 97 Resp: 162088

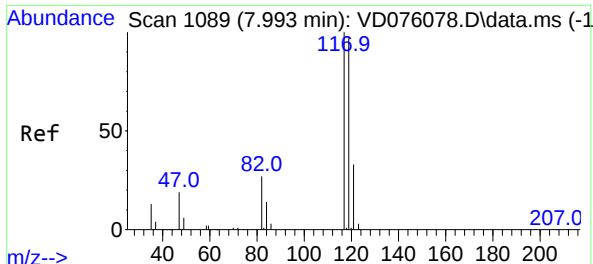
Ion Ratio Lower Upper

97 100

99 64.7 51.5 77.3

61 41.8 32.1 48.1

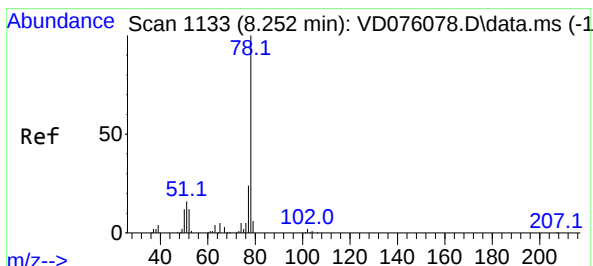
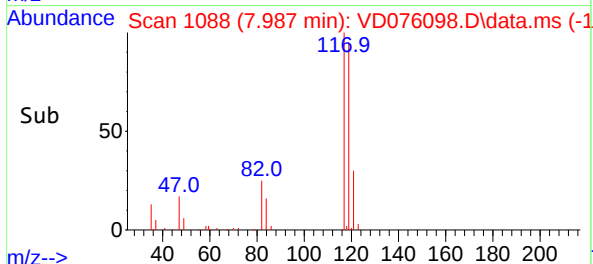
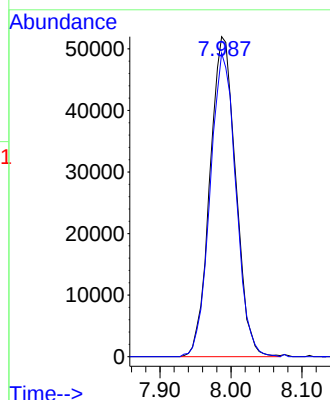
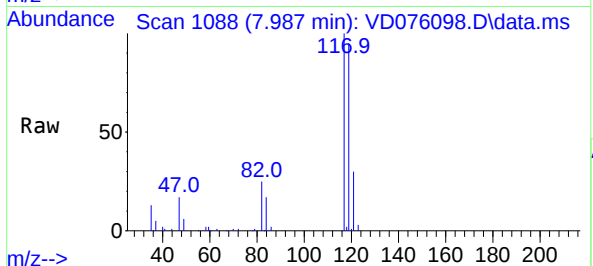




#31
Carbon tetrachloride
Concen: 23.520 ug/L
RT: 7.987 min Scan# 1088
Delta R.T. 0.000 min
Lab File: VD076098.D
Acq: 12 May 2023 00:02

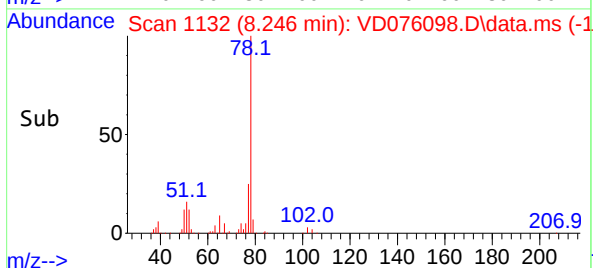
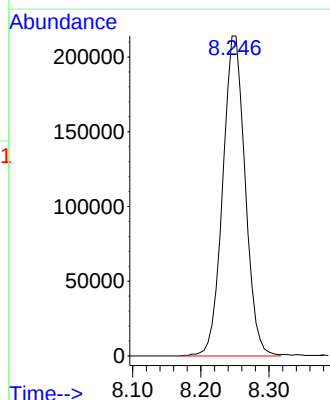
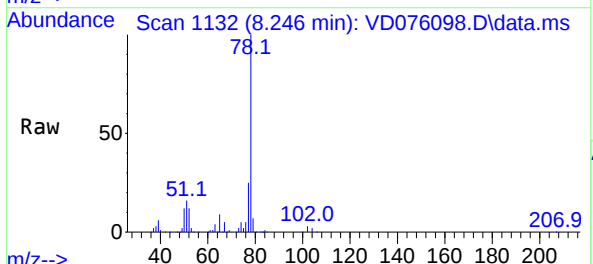
Instrument :
MSVOA_D
ClientSampleId :
VSTD025155

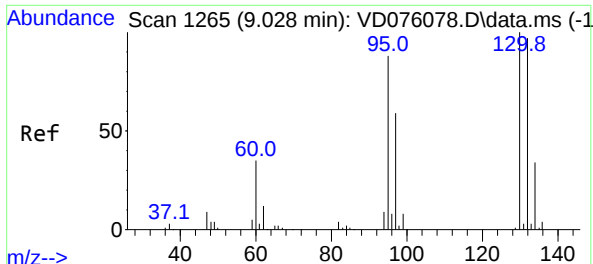
Tgt Ion:117 Resp: 131331
Ion Ratio Lower Upper
117 100
119 94.3 78.2 117.4



#33
Benzene
Concen: 25.295 ug/L
RT: 8.246 min Scan# 1132
Delta R.T. -0.006 min
Lab File: VD076098.D
Acq: 12 May 2023 00:02

Tgt Ion: 78 Resp: 490671

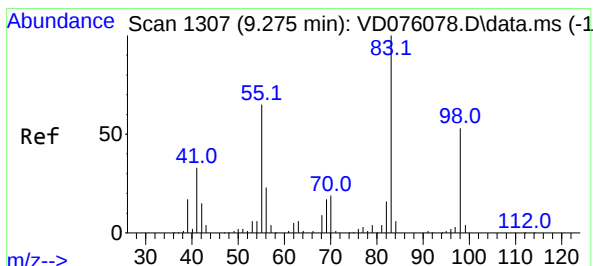
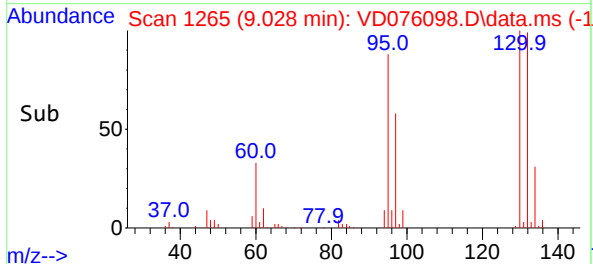
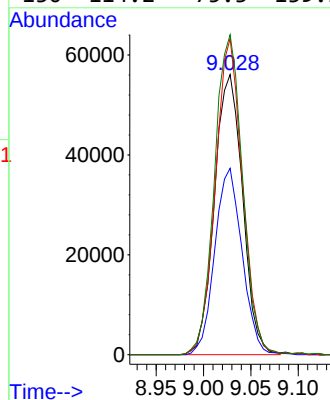
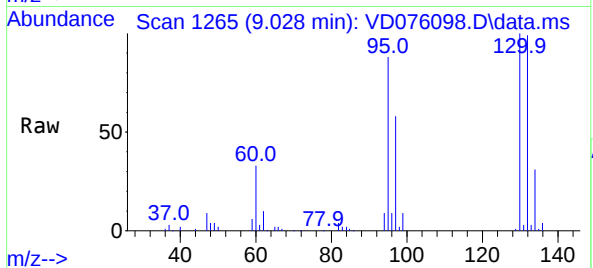




#34
Trichloroethene
Concen: 23.155 ug/L
RT: 9.028 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD076098.D
Acq: 12 May 2023 00:02

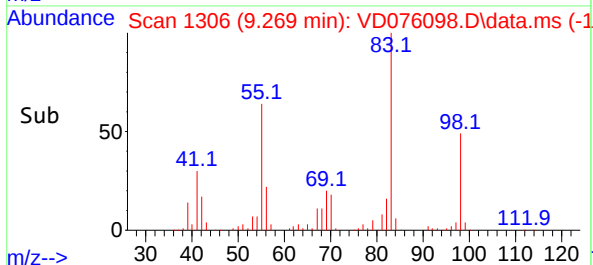
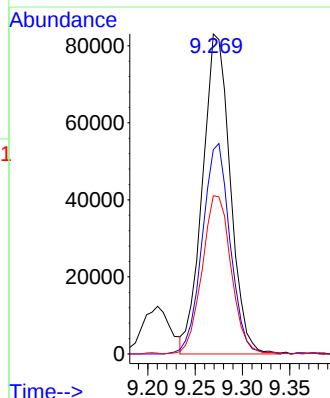
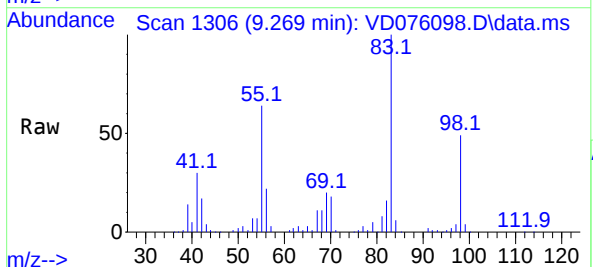
Instrument :
MSVOA_D
ClientSampleId :
VSTD025155

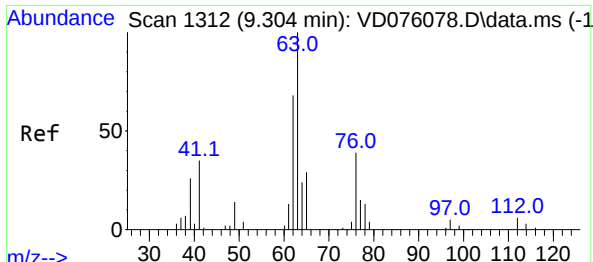
Tgt Ion: 95 Resp: 115940
Ion Ratio Lower Upper
95 100
97 66.5 46.0 85.4
132 112.8 73.3 136.1
130 114.2 75.3 139.9



#35
Methylcyclohexane
Concen: 22.349 ug/L
RT: 9.269 min Scan# 1306
Delta R.T. -0.006 min
Lab File: VD076098.D
Acq: 12 May 2023 00:02

Tgt Ion: 83 Resp: 169543
Ion Ratio Lower Upper
83 100
55 65.9 48.2 72.2
98 51.6 40.8 61.2

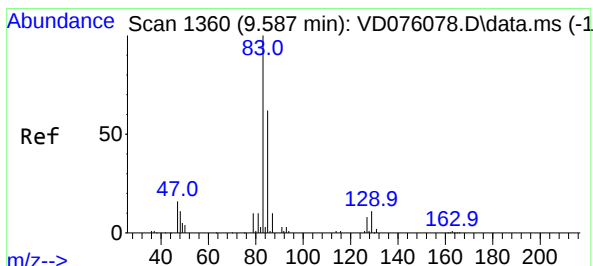
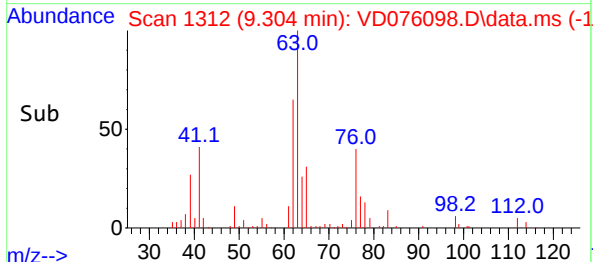
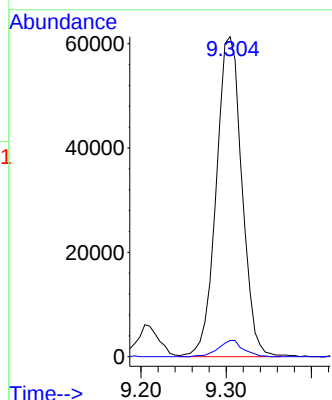
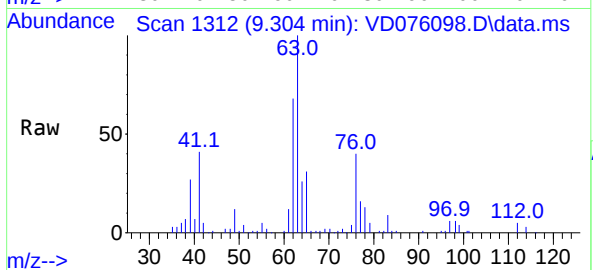




#37
1,2-Dichloropropane
Concen: 25.916 ug/L
RT: 9.304 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD076098.D
Acq: 12 May 2023 00:02

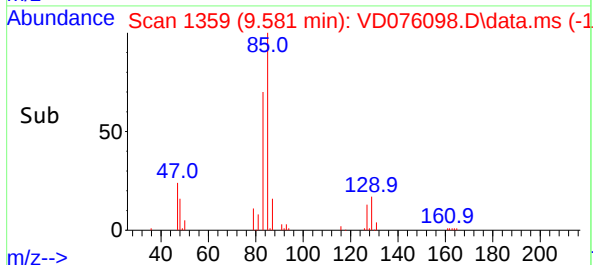
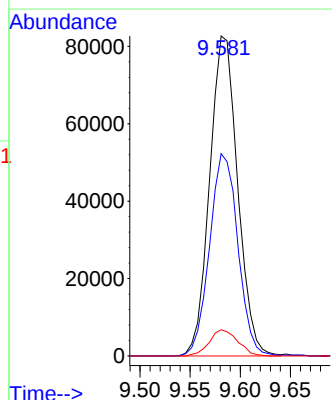
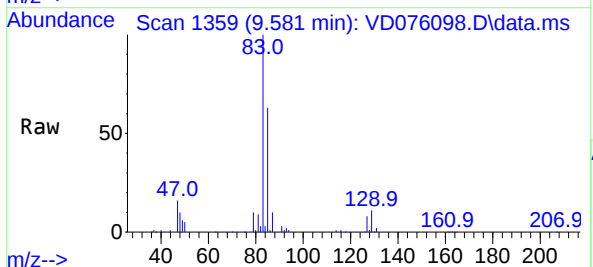
Instrument :
MSVOA_D
ClientSampleId :
VSTD025155

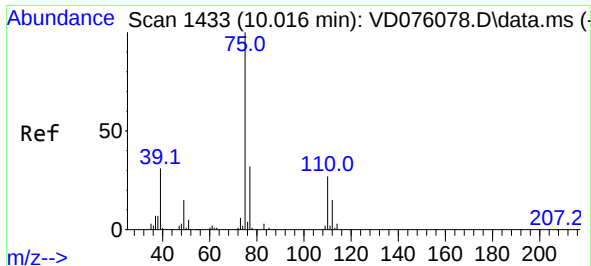
Tgt Ion: 63 Resp: 128227
Ion Ratio Lower Upper
63 100
112 4.9 4.0 6.0



#38
Bromodichloromethane
Concen: 25.340 ug/L
RT: 9.581 min Scan# 1359
Delta R.T. -0.006 min
Lab File: VD076098.D
Acq: 12 May 2023 00:02

Tgt Ion: 83 Resp: 160636
Ion Ratio Lower Upper
83 100
85 63.2 44.2 82.2
127 8.2 6.3 9.5

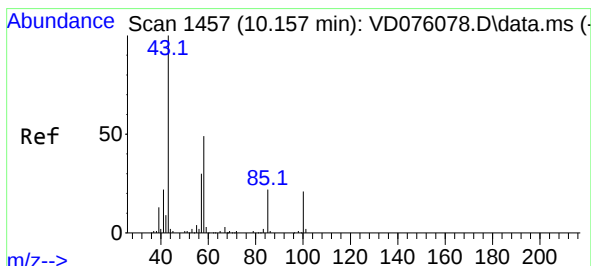
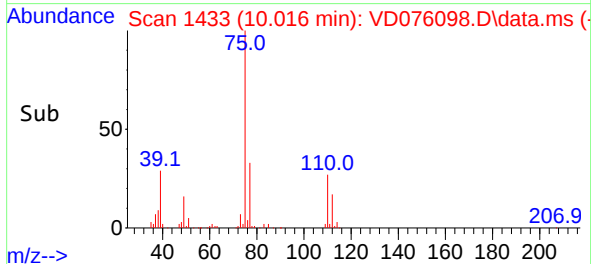
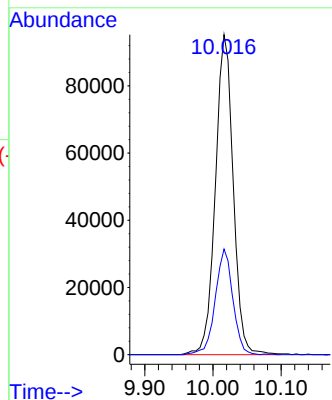
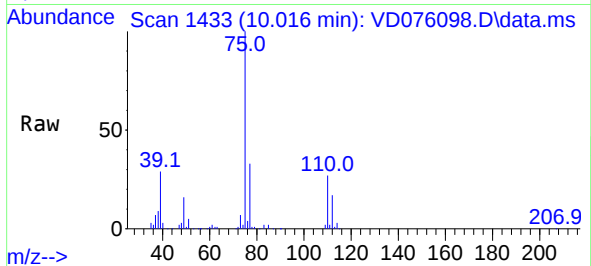




#39
 cis-1,3-Dichloropropene
 Concen: 24.366 ug/L
 RT: 10.016 min Scan# 1433
 Delta R.T. 0.000 min
 Lab File: VD076098.D
 Acq: 12 May 2023 00:02

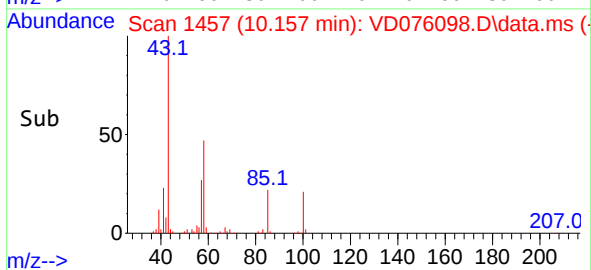
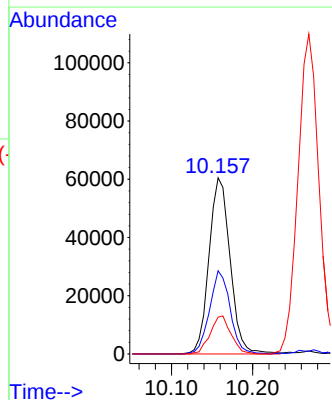
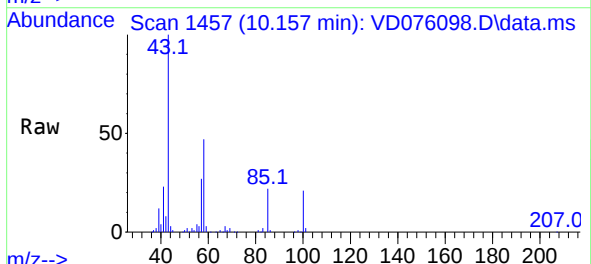
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD025155

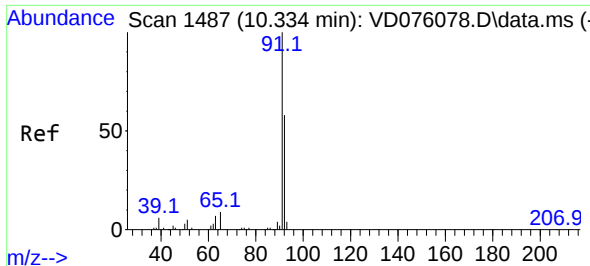
Tgt Ion: 75 Resp: 173654
 Ion Ratio Lower Upper
 75 100
 77 33.0 23.4 43.6



#40
 4-Methyl-2-pentanone
 Concen: 54.936 ug/L
 RT: 10.157 min Scan# 1457
 Delta R.T. 0.000 min
 Lab File: VD076098.D
 Acq: 12 May 2023 00:02

Tgt Ion: 43 Resp: 109557
 Ion Ratio Lower Upper
 43 100
 58 46.0 39.1 58.7
 100 21.2 19.4 29.0

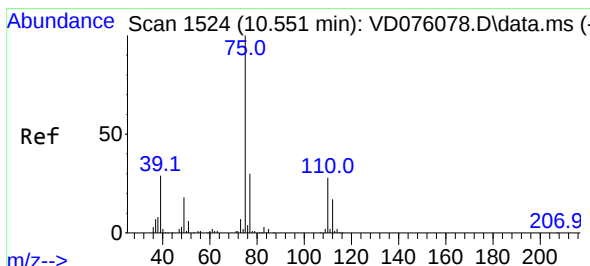
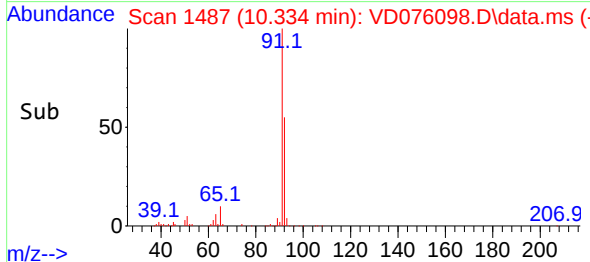
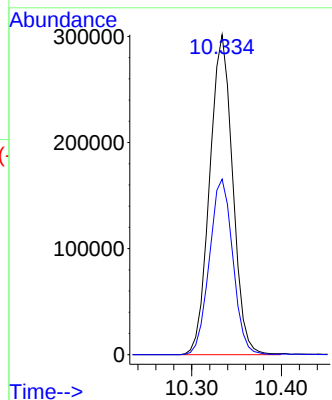
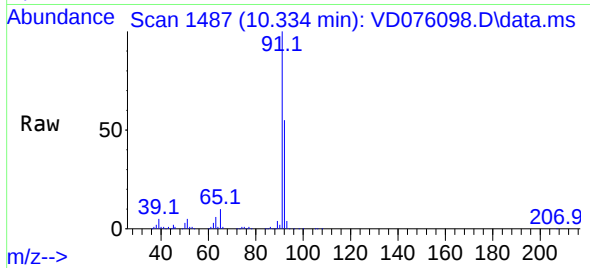




#42
Toluene
Concen: 25.910 ug/L
RT: 10.334 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VD076098.D
Acq: 12 May 2023 00:02

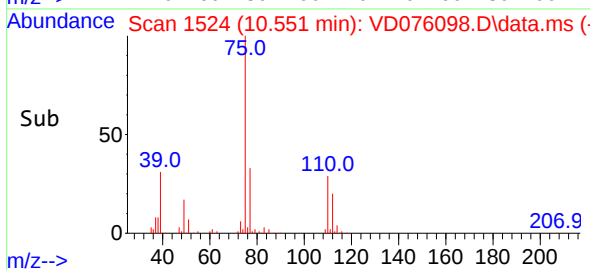
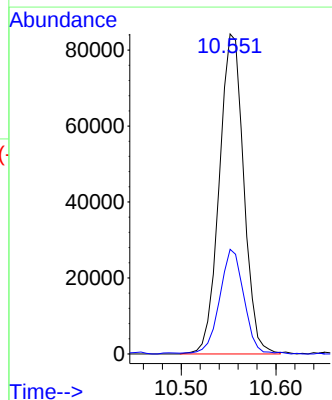
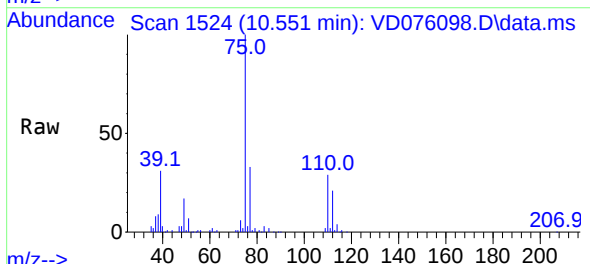
Instrument :
MSVOA_D
ClientSampleId :
VSTD025155

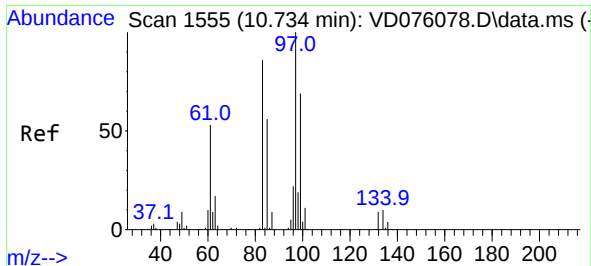
Tgt Ion: 91 Resp: 536563
Ion Ratio Lower Upper
91 100
92 54.9 39.3 72.9



#44
trans-1,3-Dichloropropene
Concen: 25.419 ug/L
RT: 10.551 min Scan# 1524
Delta R.T. 0.000 min
Lab File: VD076098.D
Acq: 12 May 2023 00:02

Tgt Ion: 75 Resp: 151159
Ion Ratio Lower Upper
75 100
77 32.7 22.0 41.0



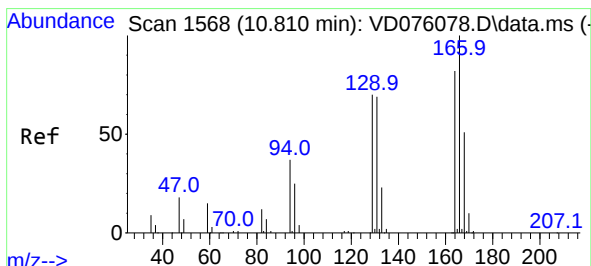
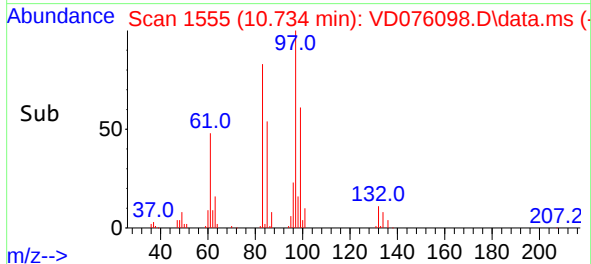
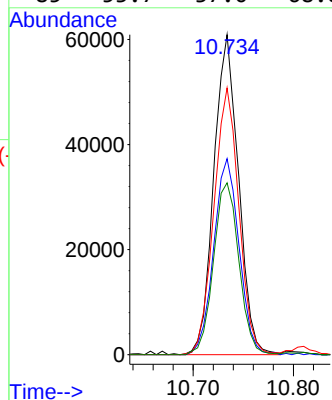
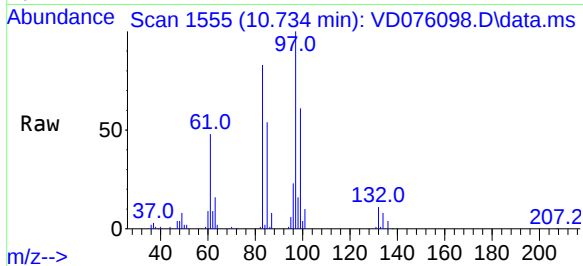


#45
1,1,2-Trichloroethane
Concen: 26.094 ug/L
RT: 10.734 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VD076098.D
Acq: 12 May 2023 00:02

Instrument :
MSVOA_D
ClientSampleId :
VSTD025155

Tgt Ion: 97 Resp: 104247

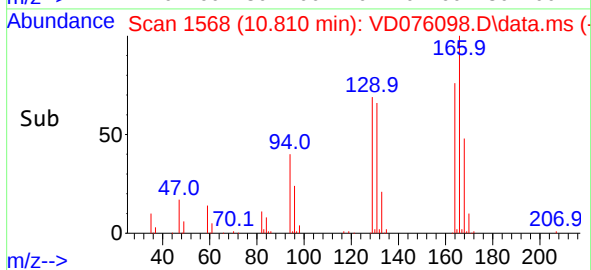
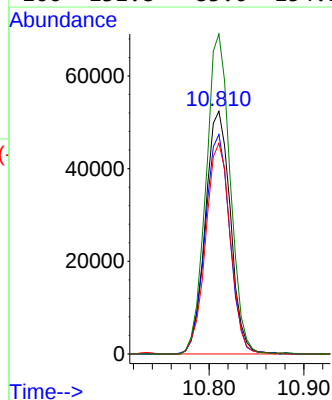
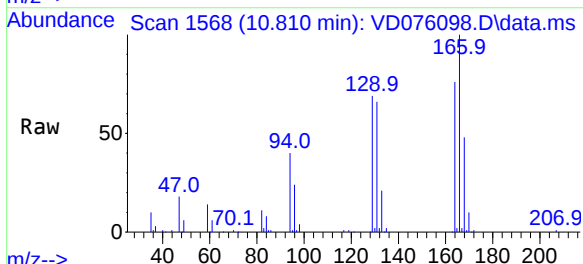
Ion	Ratio	Lower	Upper
97	100		
99	61.2	42.2	78.4
83	83.4	54.8	101.8
85	53.7	37.0	68.8

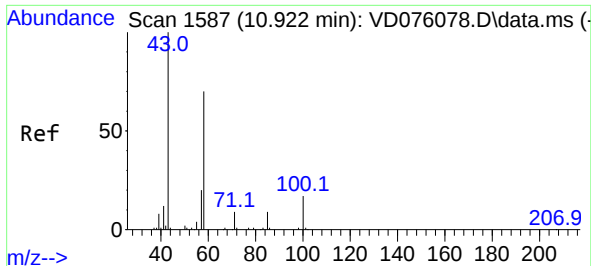


#46
Tetrachloroethene
Concen: 23.060 ug/L
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD076098.D
Acq: 12 May 2023 00:02

Tgt Ion: 164 Resp: 96463

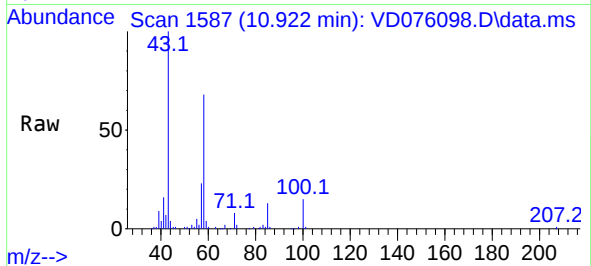
Ion	Ratio	Lower	Upper
164	100		
129	90.4	60.3	112.1
131	86.8	58.9	109.3
166	131.8	83.0	154.1



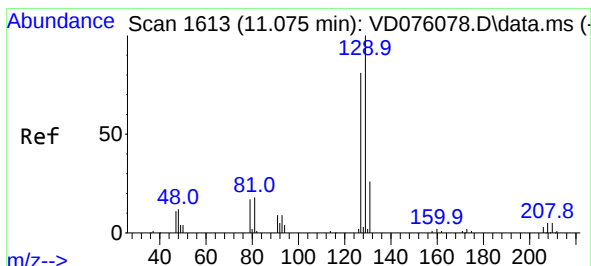
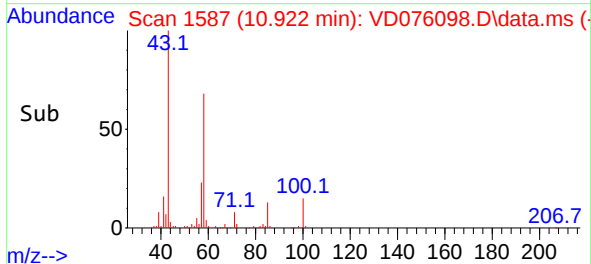
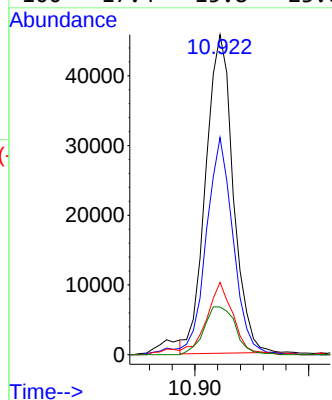


#48
2-Hexanone
Concen: 53.126 ug/L
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD076098.D
Acq: 12 May 2023 00:02

Instrument :
MSVOA_D
ClientSampleId :
VSTD025155

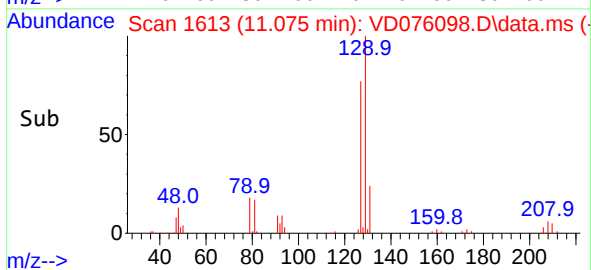
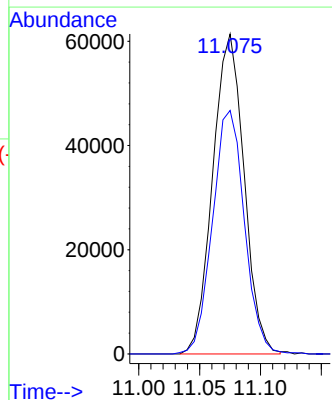
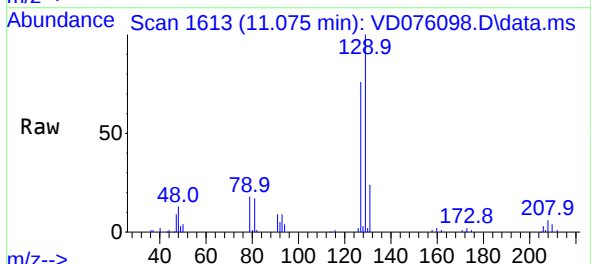


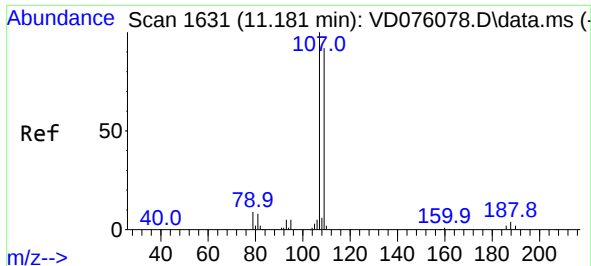
Tgt Ion: 43 Resp: 76883
Ion Ratio Lower Upper
43 100
58 66.8 59.7 89.5
57 21.8 17.9 26.9
100 17.4 15.8 23.6



#49
Dibromochloromethane
Concen: 25.494 ug/L
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD076098.D
Acq: 12 May 2023 00:02

Tgt Ion: 129 Resp: 109893
Ion Ratio Lower Upper
129 100
127 76.1 55.6 103.4

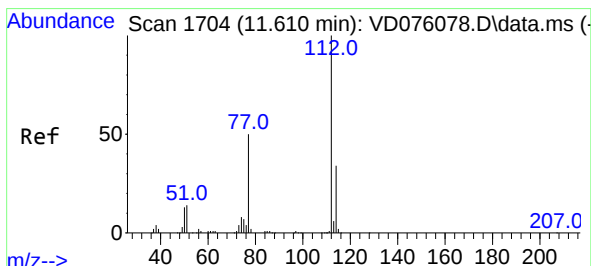
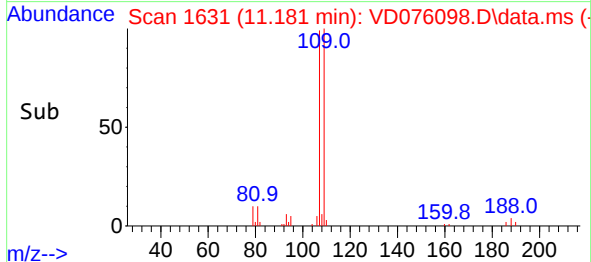
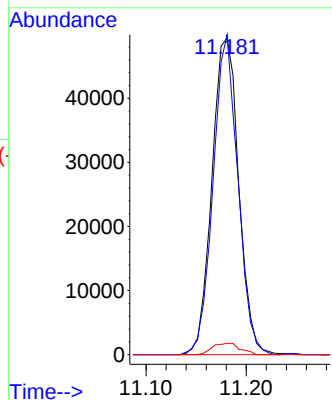
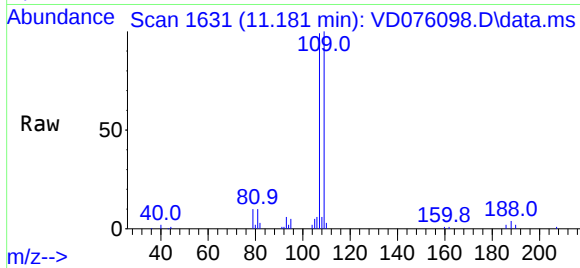




#50
1,2-Dibromoethane
Concen: 25.967 ug/L
RT: 11.181 min Scan# 1631
Delta R.T. 0.000 min
Lab File: VD076098.D
Acq: 12 May 2023 00:02

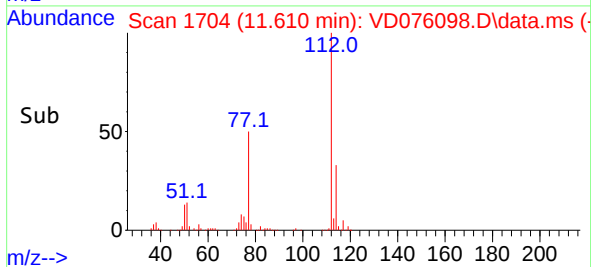
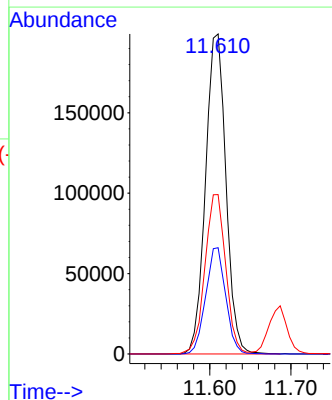
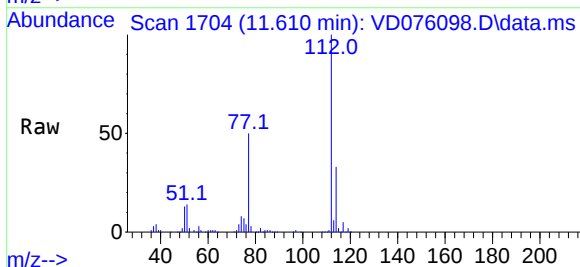
Instrument :
MSVOA_D
ClientSampleId :
VSTD025155

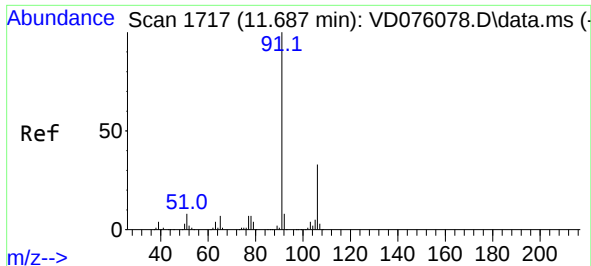
Tgt Ion:	107	Resp:	91619
Ion	Ratio	Lower	Upper
107	100		
109	101.1	67.6	125.6
188	3.6	3.0	4.6



#51
Chlorobenzene
Concen: 24.646 ug/L
RT: 11.610 min Scan# 1704
Delta R.T. 0.000 min
Lab File: VD076098.D
Acq: 12 May 2023 00:02

Tgt Ion:	112	Resp:	347374
Ion	Ratio	Lower	Upper
112	100		
114	33.2	23.0	42.8
77	49.8	39.7	59.5

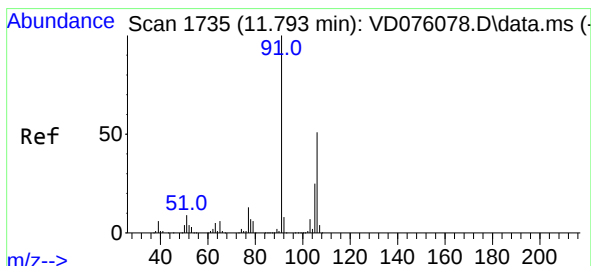
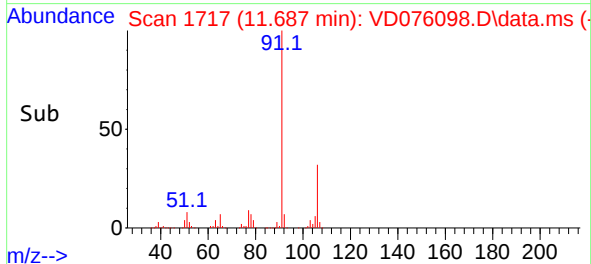
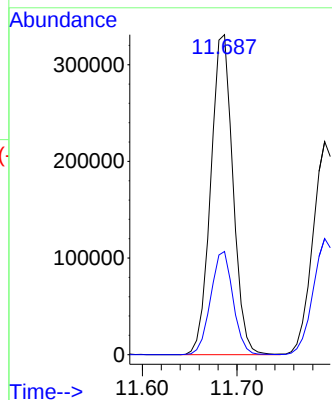
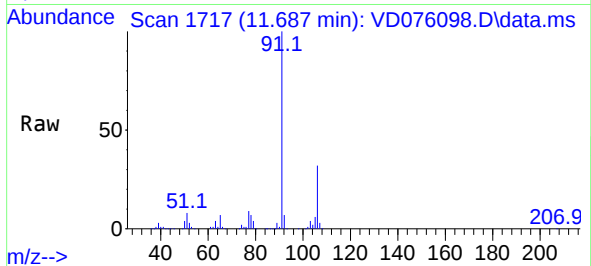




#52
Ethylbenzene
Concen: 25.059 ug/L
RT: 11.687 min Scan# 1717
Delta R.T. 0.000 min
Lab File: VD076098.D
Acq: 12 May 2023 00:02

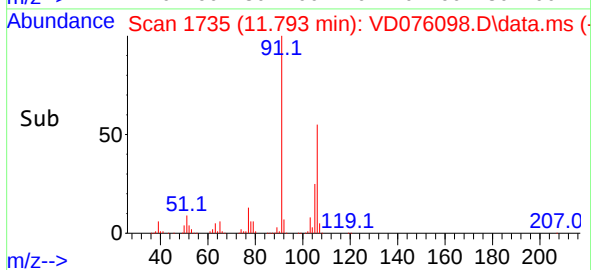
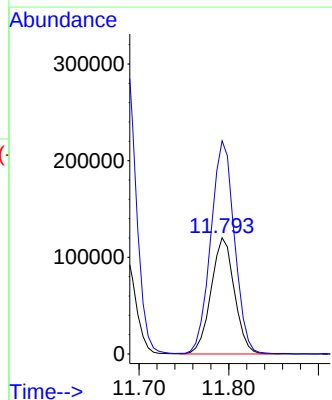
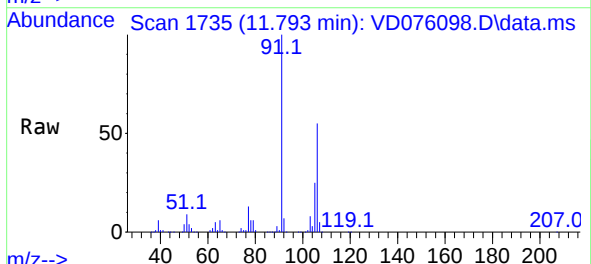
Instrument :
MSVOA_D
ClientSampleId :
VSTD025155

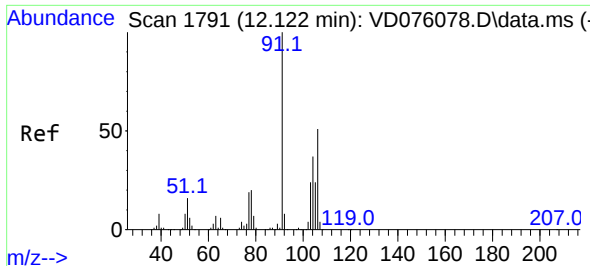
Tgt Ion: 91 Resp: 538359
Ion Ratio Lower Upper
91 100
106 32.3 23.7 43.9



#53
m,p-Xylene
Concen: 25.918 ug/L
RT: 11.793 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VD076098.D
Acq: 12 May 2023 00:02

Tgt Ion: 106 Resp: 217133
Ion Ratio Lower Upper
106 100
91 183.4 130.9 243.1

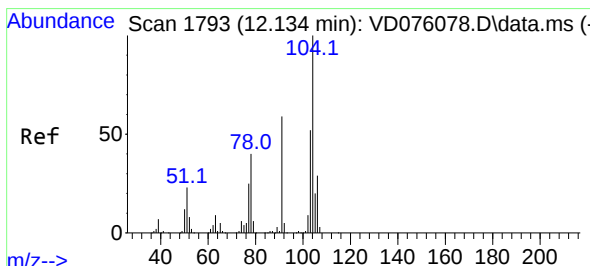
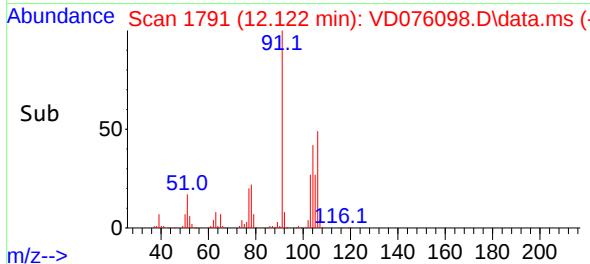
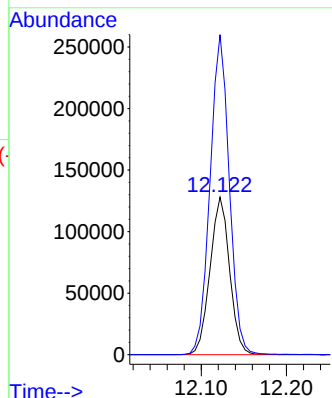
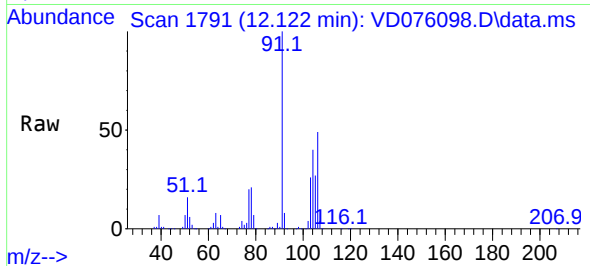




#54
o-Xylene
Concen: 25.691 ug/L
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD076098.D
Acq: 12 May 2023 00:02

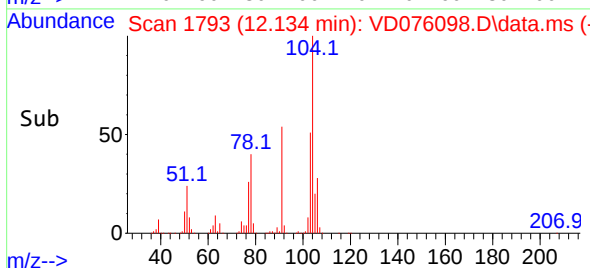
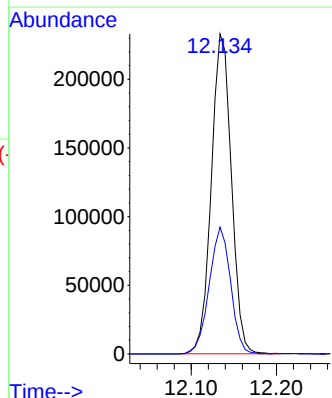
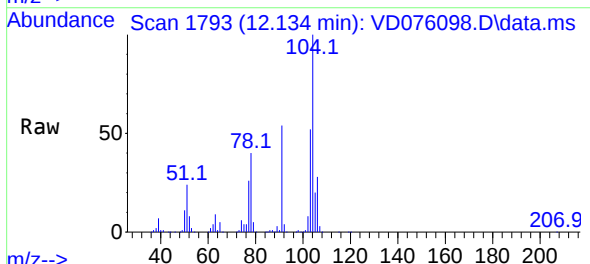
Instrument :
MSVOA_D
ClientSampleId :
VSTD025155

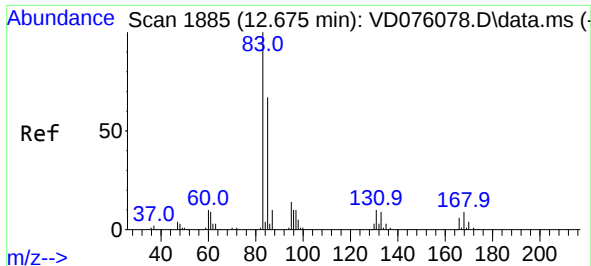
Tgt Ion:106 Resp: 204124
Ion Ratio Lower Upper
106 100
91 203.3 139.8 259.6



#55
Styrene
Concen: 27.035 ug/L
RT: 12.134 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VD076098.D
Acq: 12 May 2023 00:02

Tgt Ion:104 Resp: 380545
Ion Ratio Lower Upper
104 100
78 39.6 26.2 48.6

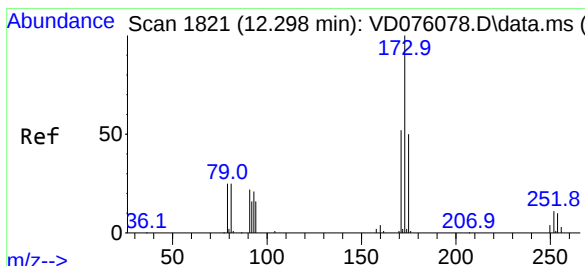
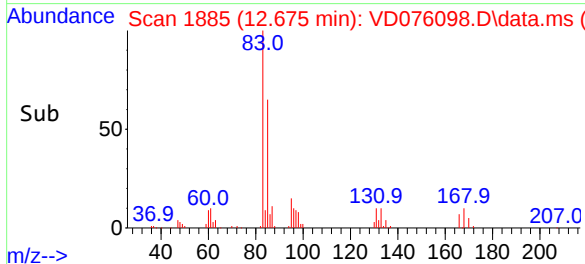
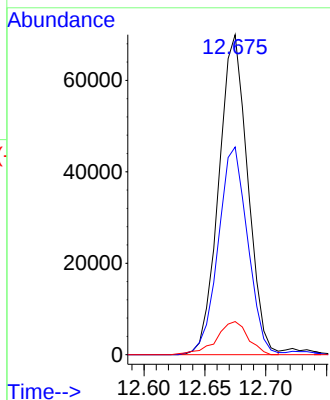
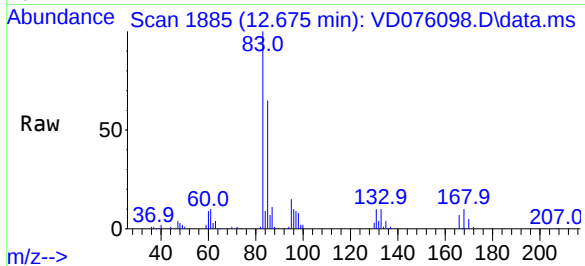




#57
1,1,2,2-Tetrachloroethane
Concen: 25.858 ug/L
RT: 12.675 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VD076098.D
Acq: 12 May 2023 00:02

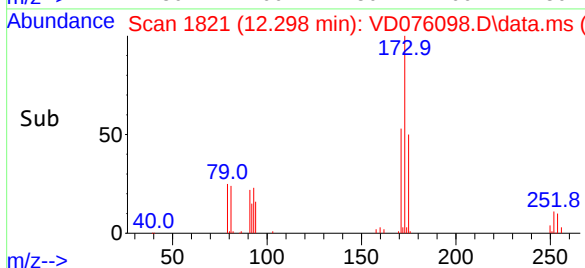
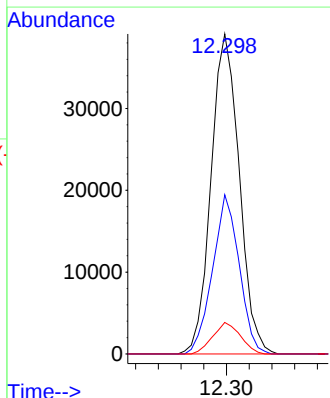
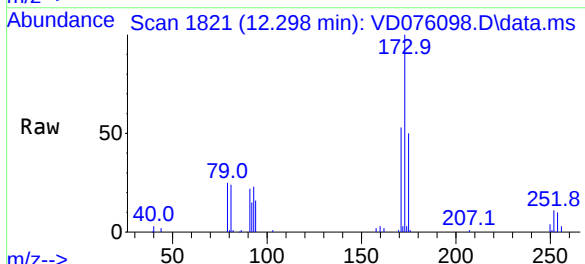
Instrument :
MSVOA_D
ClientSampleId :
VSTD025155

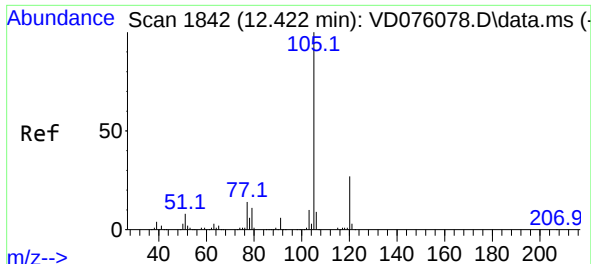
Tgt Ion: 83 Resp: 115653
Ion Ratio Lower Upper
83 100
85 64.9 45.1 83.7
131 10.3 7.0 10.6



#59
Bromoform
Concen: 26.127 ug/L
RT: 12.298 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD076098.D
Acq: 12 May 2023 00:02

Tgt Ion: 173 Resp: 67438
Ion Ratio Lower Upper
173 100
175 47.0 39.4 59.0
254 9.6 7.4 11.2

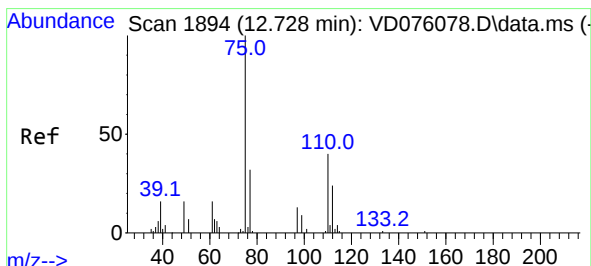
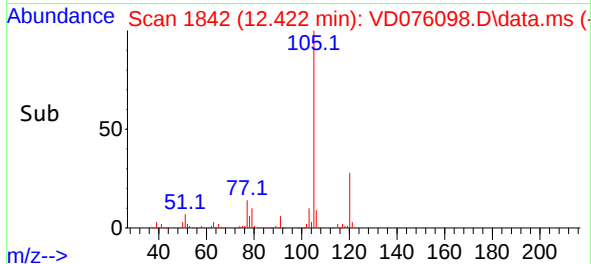
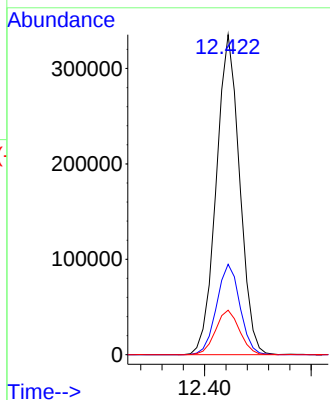
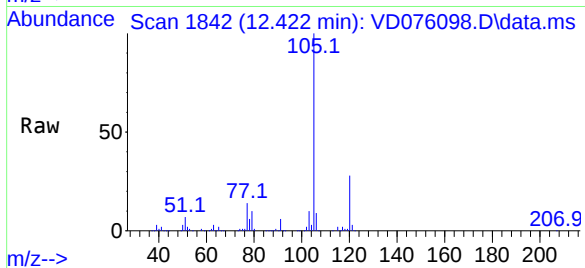




#60
Isopropylbenzene
Concen: 25.331 ug/L
RT: 12.422 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VD076098.D
Acq: 12 May 2023 00:02

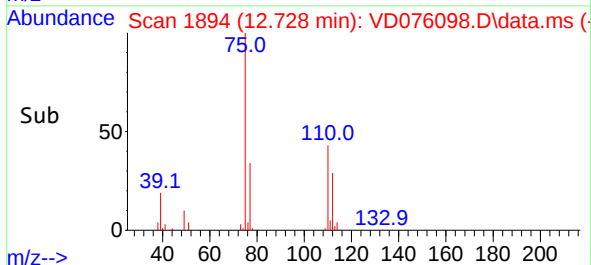
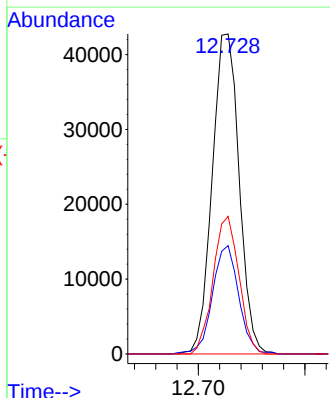
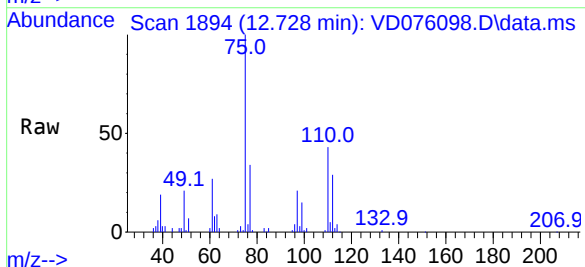
Instrument :
MSVOA_D
ClientSampleId :
VSTD025155

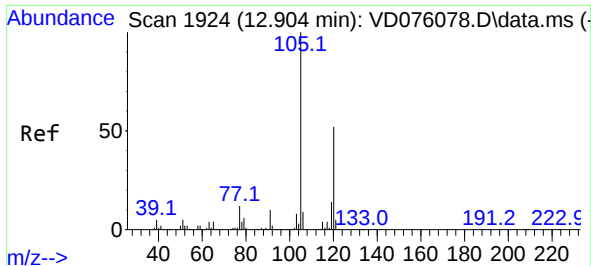
Tgt Ion:105 Resp: 510866
Ion Ratio Lower Upper
105 100
120 28.2 22.7 34.1
77 14.3 10.9 16.3



#61
1,2,3-Trichloropropane
Concen: 26.255 ug/L
RT: 12.728 min Scan# 1894
Delta R.T. 0.000 min
Lab File: VD076098.D
Acq: 12 May 2023 00:02

Tgt Ion: 75 Resp: 75012
Ion Ratio Lower Upper
75 100
77 33.0 26.6 39.8
110 41.3 33.5 50.3

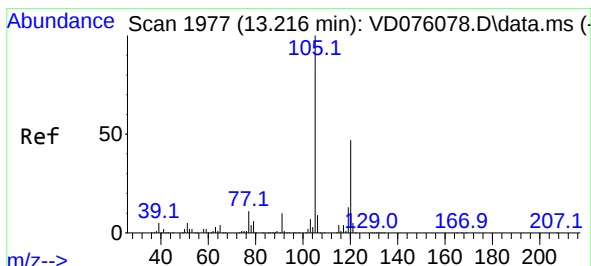
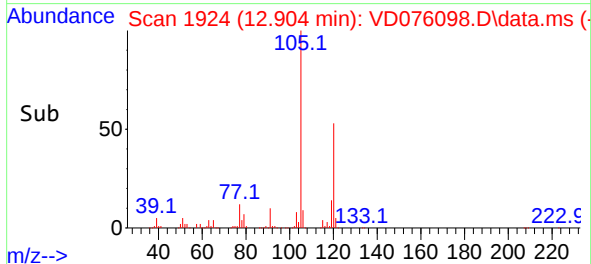
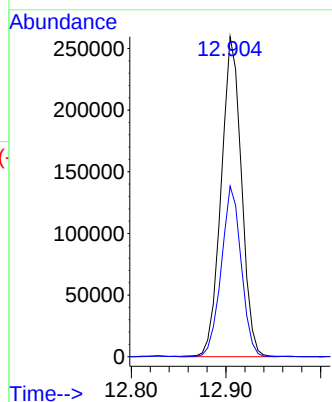
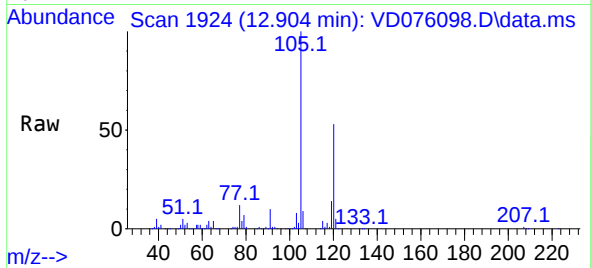




#62
1,3,5-Trimethylbenzene
Concen: 24.985 ug/L
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD076098.D
Acq: 12 May 2023 00:02

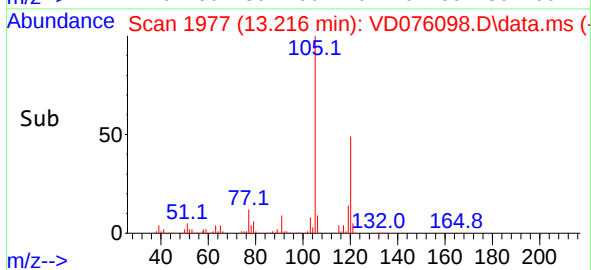
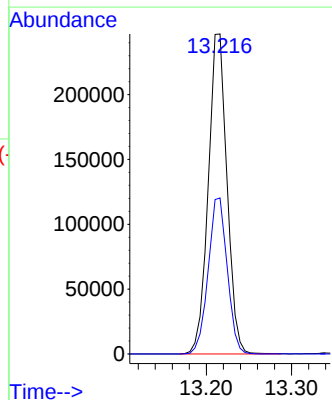
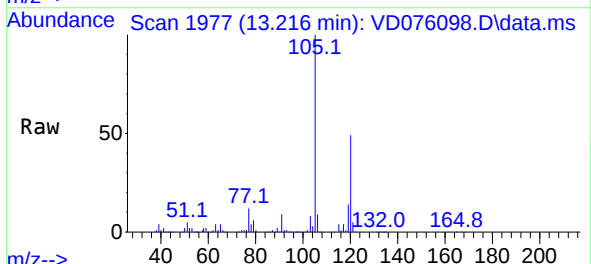
Instrument :
MSVOA_D
ClientSampleId :
VSTD025155

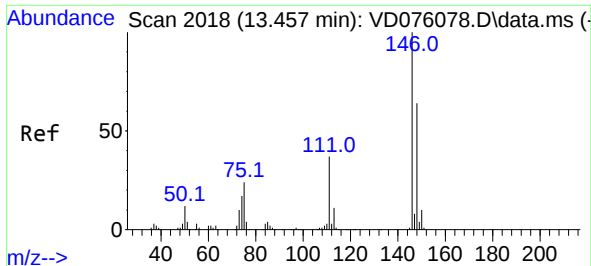
Tgt Ion:105 Resp: 386596
Ion Ratio Lower Upper
105 100
120 52.3 42.0 63.0



#63
1,2,4-Trimethylbenzene
Concen: 25.466 ug/L
RT: 13.216 min Scan# 1977
Delta R.T. 0.000 min
Lab File: VD076098.D
Acq: 12 May 2023 00:02

Tgt Ion:105 Resp: 376856
Ion Ratio Lower Upper
105 100
120 49.6 39.0 58.6

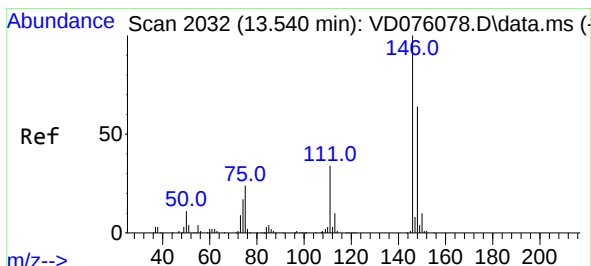
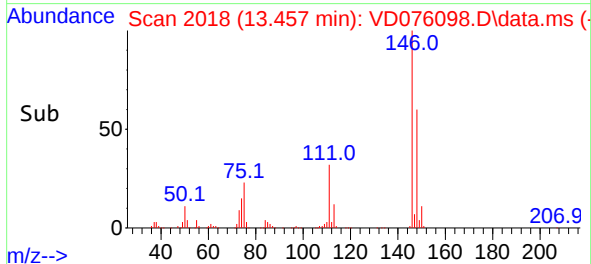
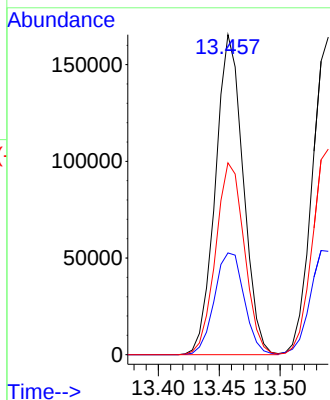
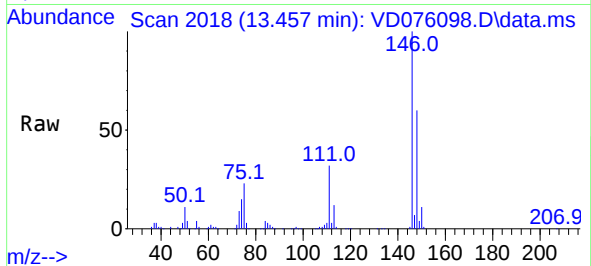




#64
1,3-Dichlorobenzene
Concen: 25.122 ug/L
RT: 13.457 min Scan# 2018
Delta R.T. 0.000 min
Lab File: VD076098.D
Acq: 12 May 2023 00:02

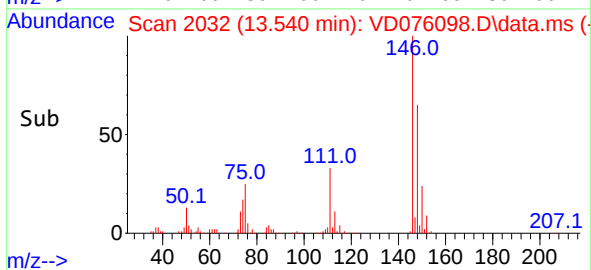
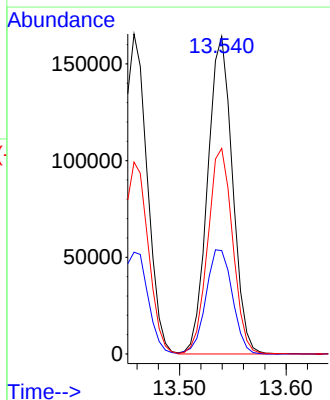
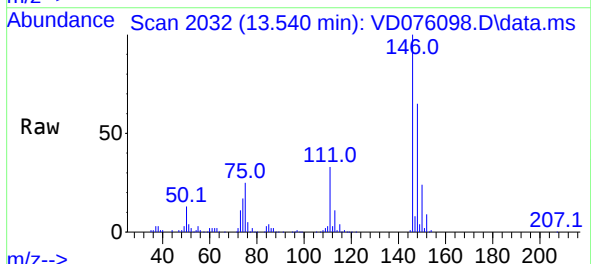
Instrument :
MSVOA_D
ClientSampleId :
VSTD025155

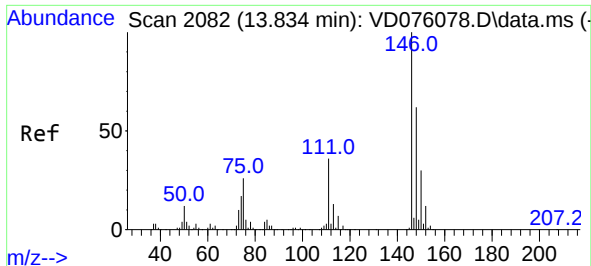
Tgt Ion:146 Resp: 263050
Ion Ratio Lower Upper
146 100
111 31.8 26.5 49.1
148 60.0 43.8 81.3



#65
1,4-Dichlorobenzene
Concen: 24.457 ug/L
RT: 13.540 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VD076098.D
Acq: 12 May 2023 00:02

Tgt Ion:146 Resp: 266412
Ion Ratio Lower Upper
146 100
111 32.6 24.6 45.8
148 64.7 44.4 82.4

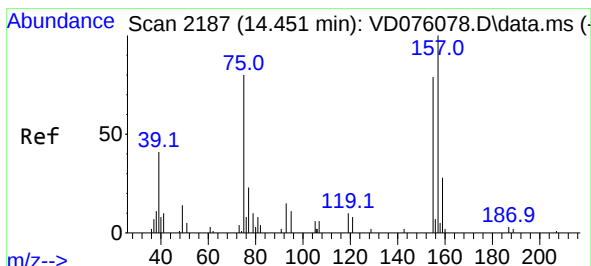
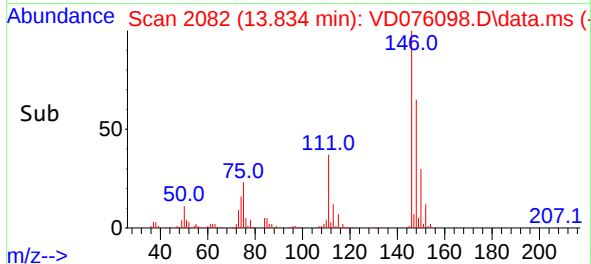
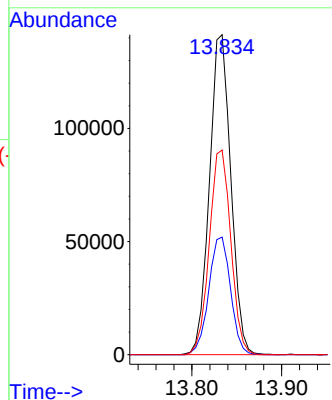
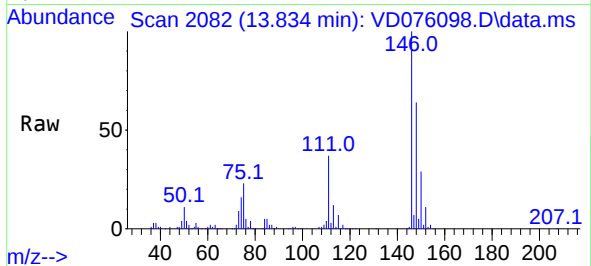




#67
1,2-Dichlorobenzene
Concen: 24.524 ug/L
RT: 13.834 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VD076098.D
Acq: 12 May 2023 00:02

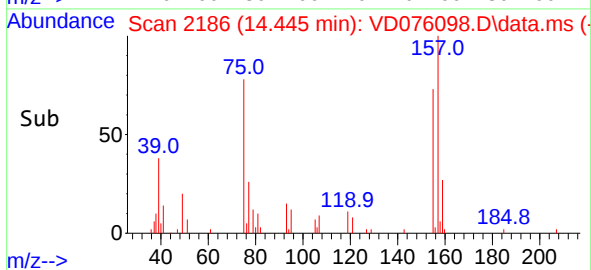
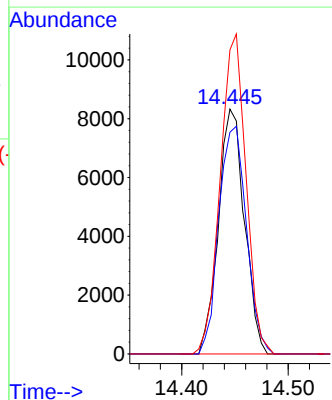
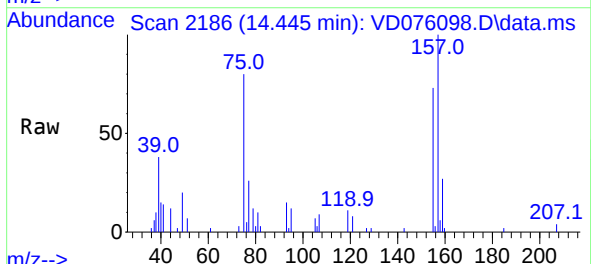
Instrument :
MSVOA_D
ClientSampleId :
VSTD025155

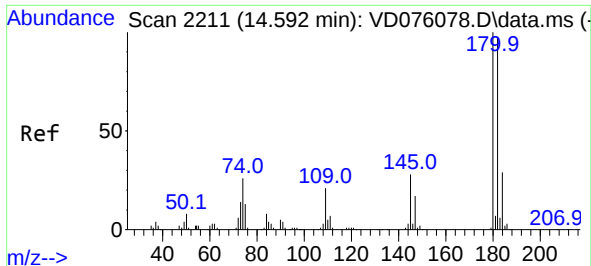
Tgt Ion:146 Resp: 234225
Ion Ratio Lower Upper
146 100
111 36.8 30.6 46.0
148 64.0 51.4 77.0



#68
1,2-Dibromo-3-chloropropane
Concen: 24.646 ug/L
RT: 14.445 min Scan# 2186
Delta R.T. 0.000 min
Lab File: VD076098.D
Acq: 12 May 2023 00:02

Tgt Ion: 75 Resp: 14126
Ion Ratio Lower Upper
75 100
155 90.6 74.6 111.8
157 124.2 109.4 164.2

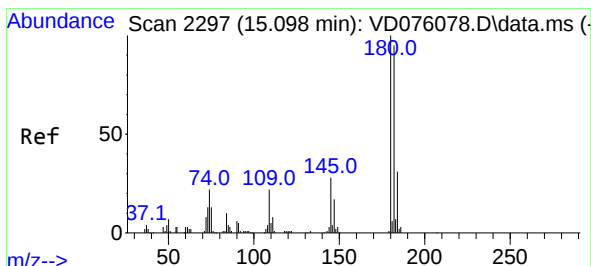
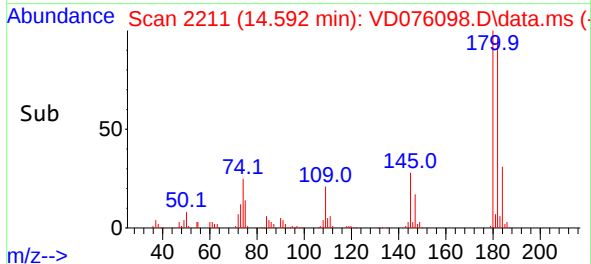
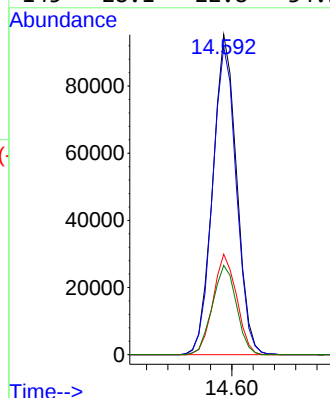
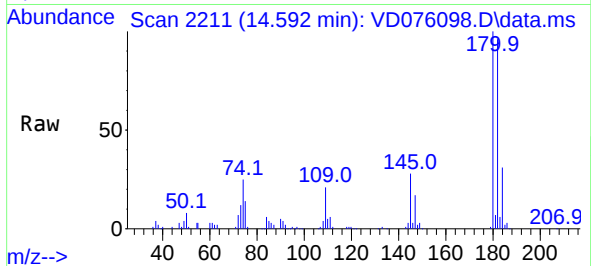




#69
1,3,5-Trichlorobenzene
Concen: 22.299 ug/L
RT: 14.592 min Scan# 2111
Delta R.T. 0.000 min
Lab File: VD076098.D
Acq: 12 May 2023 00:02

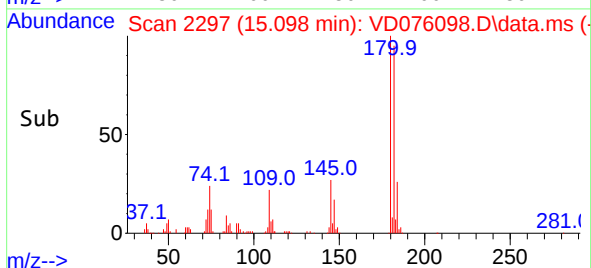
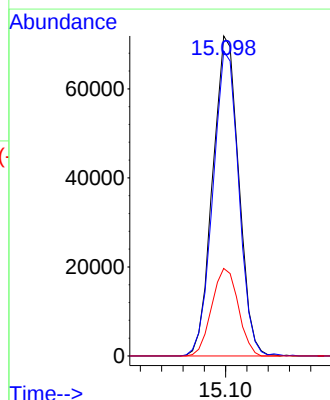
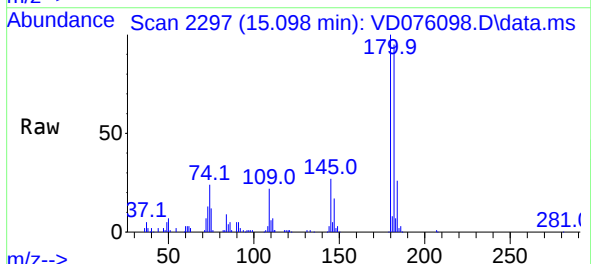
Instrument :
MSVOA_D
ClientSampleId :
VSTD025155

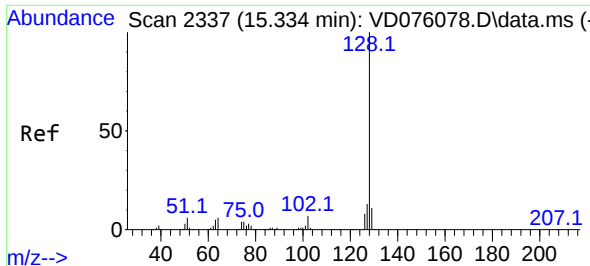
Tgt Ion:	180	Resp:	148366
Ion Ratio	Lower	Upper	
180	100		
182	96.0	74.9	112.3
184	30.9	25.0	37.4
145	28.1	22.8	34.2



#70
1,2,4-trichlorobenzene
Concen: 23.163 ug/L
RT: 15.098 min Scan# 2297
Delta R.T. -0.006 min
Lab File: VD076098.D
Acq: 12 May 2023 00:02

Tgt Ion:	180	Resp:	121970
Ion Ratio	Lower	Upper	
180	100		
182	94.4	75.4	113.2
145	27.7	23.6	35.4



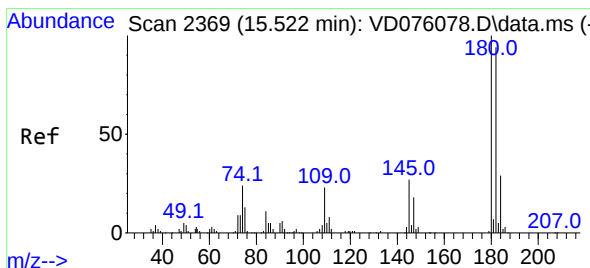
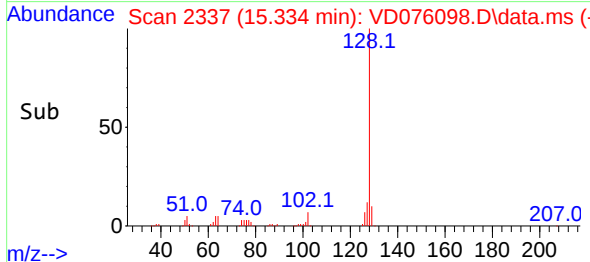
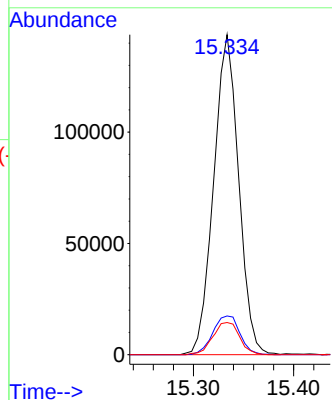
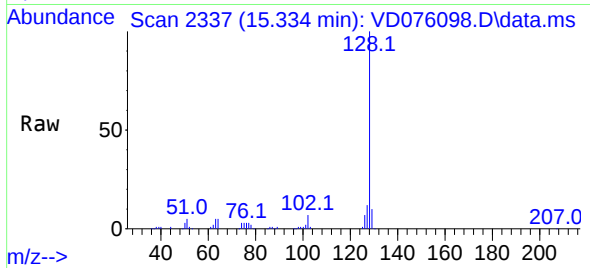


#71
Naphthalene
Concen: 25.160 ug/L
RT: 15.334 min Scan# 2337
Delta R.T. 0.000 min
Lab File: VD076098.D
Acq: 12 May 2023 00:02

Instrument :
MSVOA_D
ClientSampleId :
VSTD025155

Tgt Ion:128 Resp: 248959

Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.5	15.7
129	10.8	9.1	13.7



#72
1,2,3-Trichlorobenzene
Concen: 25.142 ug/L
RT: 15.522 min Scan# 2369
Delta R.T. -0.006 min
Lab File: VD076098.D
Acq: 12 May 2023 00:02

Tgt Ion:180 Resp: 120392

Ion	Ratio	Lower	Upper
180	100		
182	94.3	76.3	114.5
145	29.1	25.0	37.6

