

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051123\
 Data File : VD076072.D
 Acq On : 11 May 2023 11:04
 Operator : KP/SY
 Sample : VSTD005
 Misc : 5.00G/10.00ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD005147

Quant Time: May 12 01:48:55 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	395698	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	364144	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	173828	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	38785	6.407	ug/L	0.00
7) Chloroethane-d5	2.799	69	35364	6.363	ug/L	0.00
11) 1,1-Dichloroethene-d2	3.917	65	9972	6.544	ug/L	0.00
21) 2-Butanone-d5	6.981	46	4947	6.003	ug/L	-0.01
24) Chloroform-d	7.563	84	49008	5.912	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.228	65	22380	6.139	ug/L	0.00
32) Benzene-d6	8.199	84	96718	5.891	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.210	67	30088	5.948	ug/L	0.00
41) Toluene-d8	10.269	98	85832	5.867	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.528	79	10912	5.746	ug/L	0.00
47) 2-Hexanone-d5	10.881	63	7298	9.852	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.651	84	24487	5.621	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.816	152	29127	5.866	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.934	85	24934	5.038	ug/L	97
3) Chloromethane	2.146	50	37807	5.374	ug/L	96
5) Vinyl chloride	2.281	62	46353	5.161	ug/L	99
6) Bromomethane	2.687	94	28202	5.062	ug/L	99
8) Chloroethane	2.828	64	29669	5.148	ug/L	99
9) Trichlorofluoromethane	3.170	101	38945	5.296	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	3.958	101	27377	5.227	ug/L #	84
12) 1,1-Dichloroethene	3.946	96	22395	4.770	ug/L #	76
13) Acetone	4.028	43	7984	10.956	ug/L	70
14) Carbon disulfide	4.269	76	75643	5.175	ug/L	96
15) Methyl Acetate	4.558	43	8430	5.362	ug/L #	78
16) Methylene chloride	4.805	84	45306	7.041	ug/L	98
17) trans-1,2-Dichloroethene	5.316	96	24949	4.964	ug/L	94
18) Methyl tert-butyl Ether	5.322	73	42116	4.722	ug/L #	93
19) 1,1-Dichloroethane	6.116	63	44730	5.221	ug/L	97
20) cis-1,2-Dichloroethene	7.075	96	27919	5.010	ug/L	98
22) 2-Butanone	7.081	43	10571	10.388	ug/L	89
23) Bromochloromethane	7.428	128	14438	5.301	ug/L #	90
25) Chloroform	7.599	83	48632	5.316	ug/L	98
27) 1,2-Dichloroethane	8.328	62	24956	5.177	ug/L	97
29) Cyclohexane	7.881	56	25947	4.296	ug/L	94
30) 1,1,1-Trichloroethane	7.793	97	37525	5.073	ug/L	99
31) Carbon tetrachloride	7.993	117	28885	4.957	ug/L	100
33) Benzene	8.252	78	101502	5.014	ug/L	100
34) Trichloroethene	9.028	95	25966	4.969	ug/L	89
35) Methylcyclohexane	9.275	83	35444	4.477	ug/L	95
37) 1,2-Dichloropropane	9.304	63	26556	5.143	ug/L	100
38) Bromodichloromethane	9.581	83	33786	5.107	ug/L	98
39) cis-1,3-Dichloropropene	10.016	75	34211	4.600	ug/L	97
40) 4-Methyl-2-pentanone	10.157	43	19221	9.235	ug/L	96
42) Toluene	10.334	91	102758	4.755	ug/L	96
44) trans-1,3-Dichloropropene	10.557	75	29768	4.796	ug/L	97

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 ClientSampleId :
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Quant Time: May 12 01:48:55 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)

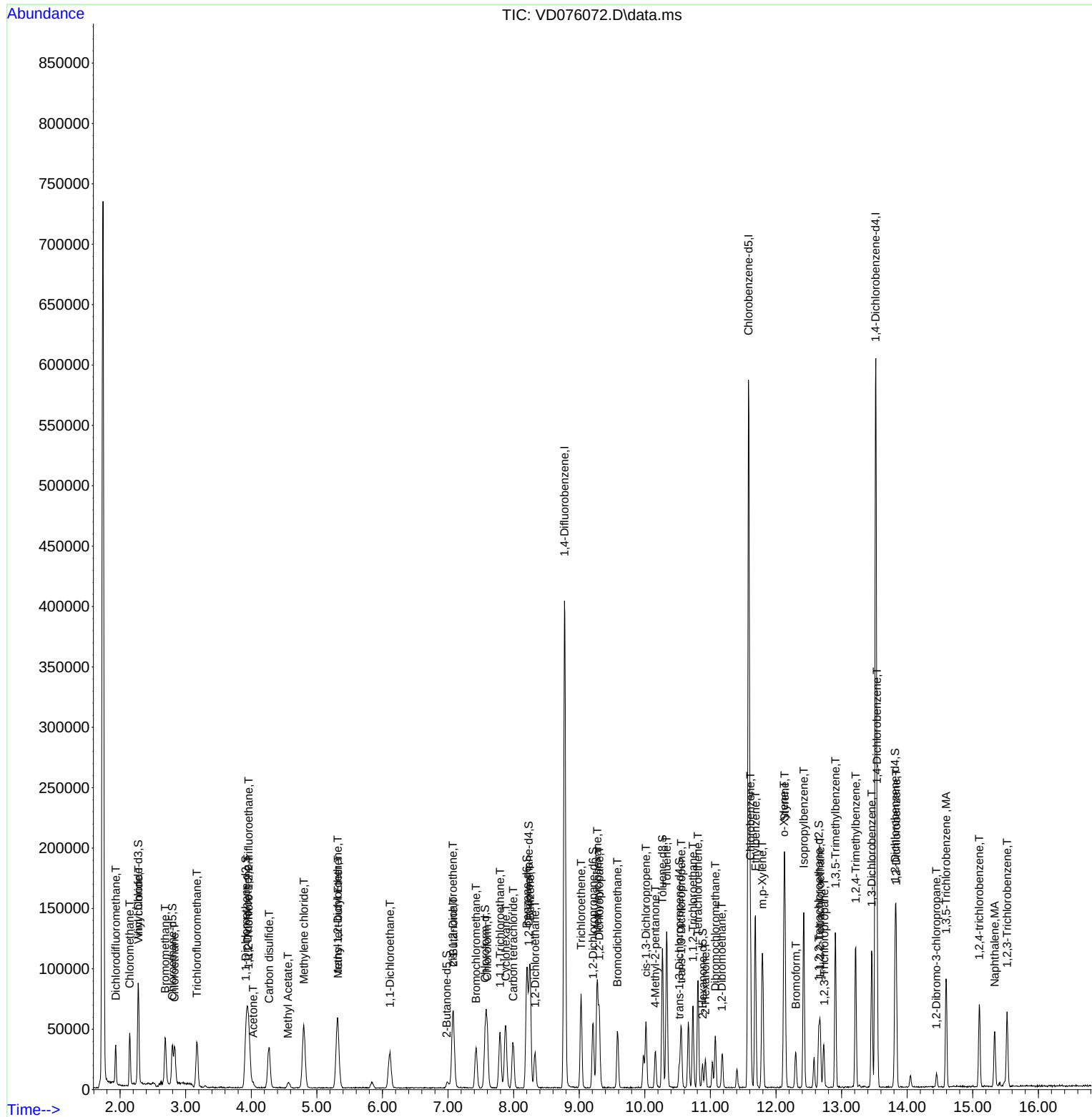
45) 1,1,2-Trichloroethane	10.734	97	22436	5.381	ug/L	96
46) Tetrachloroethene	10.810	164	22494	5.153	ug/L	98
48) 2-Hexanone	10.922	43	13728	9.089	ug/L #	88
49) Dibromochloromethane	11.075	129	23299	5.179	ug/L	95
50) 1,2-Dibromoethane	11.175	107	19943	5.416	ug/L	88
51) Chlorobenzene	11.610	112	76608	5.208	ug/L	99
52) Ethylbenzene	11.687	91	104874	4.677	ug/L	96
53) m,p-Xylene	11.793	106	40929	4.681	ug/L	99
54) o-Xylene	12.122	106	39070	4.712	ug/L	99
55) Styrene	12.134	104	67293	4.581	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.675	83	24358	5.218	ug/L #	95
59) Bromoform	12.304	173	13946	5.521	ug/L	99
60) Isopropylbenzene	12.422	105	97413	4.936	ug/L	98
61) 1,2,3-Trichloropropane	12.734	75	15492	5.541	ug/L	99
62) 1,3,5-Trimethylbenzene	12.904	105	70687	4.668	ug/L	100
63) 1,2,4-Trimethylbenzene	13.216	105	63495	4.384	ug/L	94
64) 1,3-Dichlorobenzene	13.457	146	53635	5.234	ug/L	96
65) 1,4-Dichlorobenzene	13.540	146	56735	5.322	ug/L	96
67) 1,2-Dichlorobenzene	13.834	146	47459	5.078	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.445	75	2907	5.183	ug/L #	89
69) 1,3,5-Trichlorobenzene	14.592	180	32050	4.922	ug/L	98
70) 1,2,4-trichlorobenzene	15.098	180	25552	4.958	ug/L	98
71) Naphthalene	15.334	128	43457	4.488	ug/L	98
72) 1,2,3-Trichlorobenzene	15.522	180	23477	5.010	ug/L	96

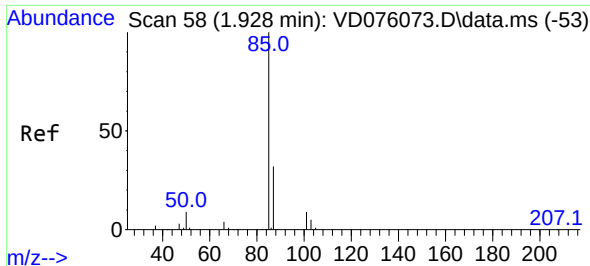
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : VD076072.D
Acq On : 11 May 2023 11:04
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ALS Vial : 4 Sample Multiplier: 1

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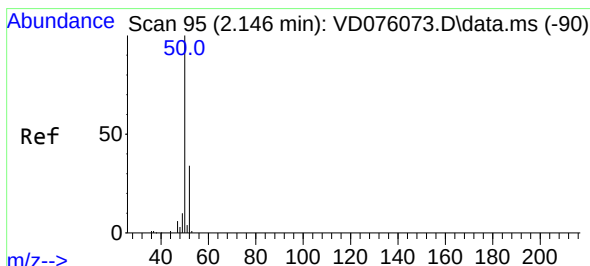
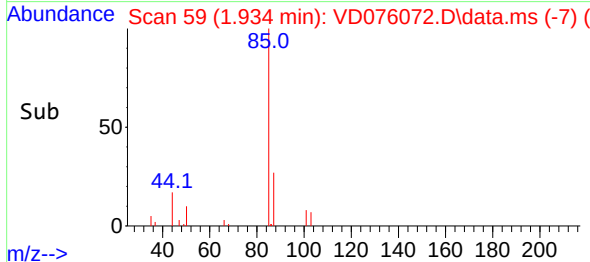
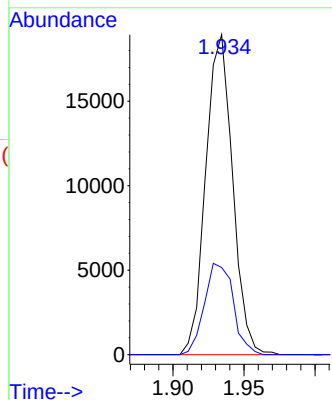
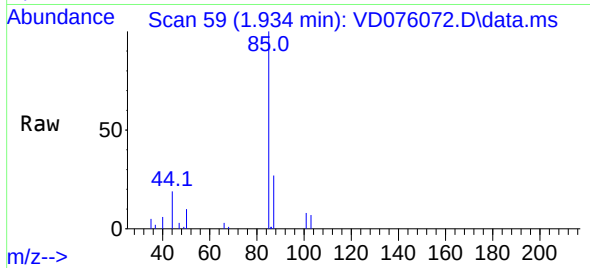




#2
Dichlorodifluoromethane
Concen: 5.038 ug/L
RT: 1.934 min Scan# 51
Delta R.T. 0.006 min
Lab File: VD076072.D
Acq: 11 May 2023 11:04

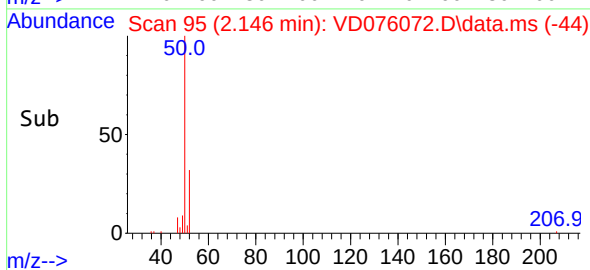
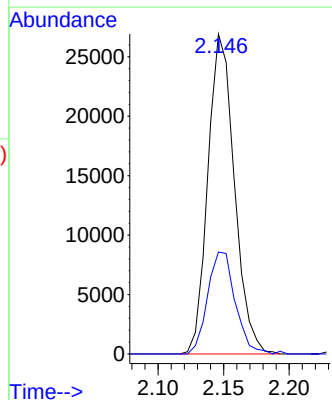
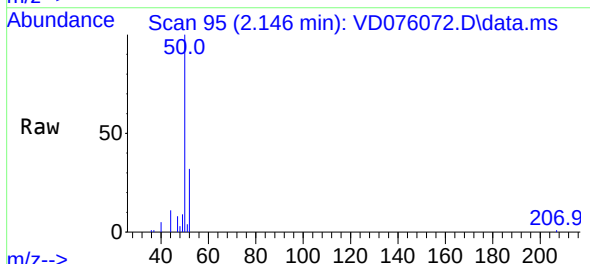
Instrument :
MSVOA_D
ClientSampleId :
VSTD005147

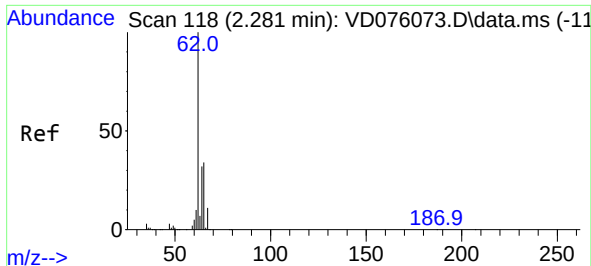
Tgt Ion: 85 Resp: 24934
Ion Ratio Lower Upper
85 100
87 30.6 25.8 38.8



#3
Chloromethane
Concen: 5.374 ug/L
RT: 2.146 min Scan# 95
Delta R.T. 0.000 min
Lab File: VD076072.D
Acq: 11 May 2023 11:04

Tgt Ion: 50 Resp: 37807
Ion Ratio Lower Upper
50 100
52 31.9 23.7 44.1

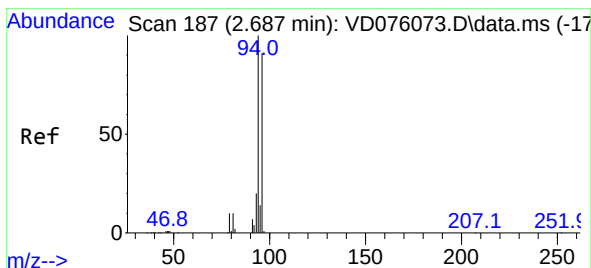
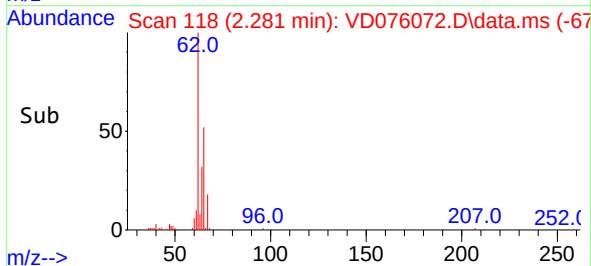
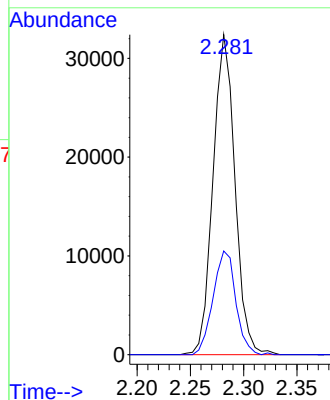
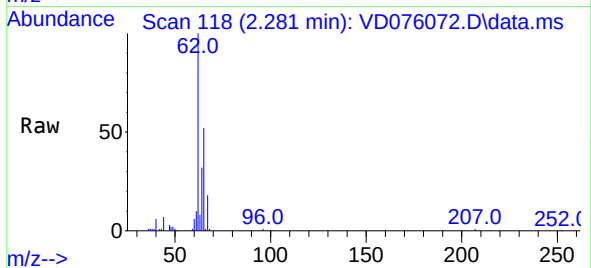




#5
 Vinyl chloride
 Concen: 5.161 ug/L
 RT: 2.281 min Scan# 118
 Delta R.T. 0.000 min
 Lab File: VD076072.D
 Acq: 11 May 2023 11:04

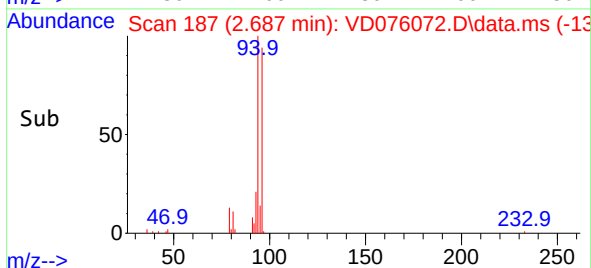
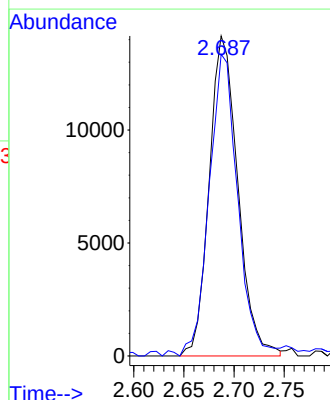
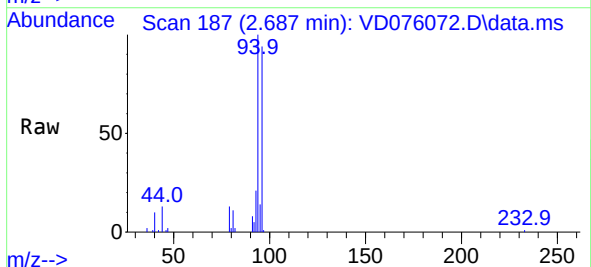
Instrument :
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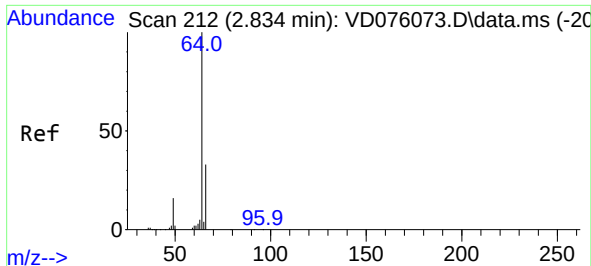
Tgt Ion: 62 Resp: 46353
 Ion Ratio Lower Upper
 62 100
 64 32.4 23.2 43.0



#6
 Bromomethane
 Concen: 5.062 ug/L
 RT: 2.687 min Scan# 187
 Delta R.T. 0.000 min
 Lab File: VD076072.D
 Acq: 11 May 2023 11:04

Tgt Ion: 94 Resp: 28202
 Ion Ratio Lower Upper
 94 100
 96 94.3 65.7 121.9

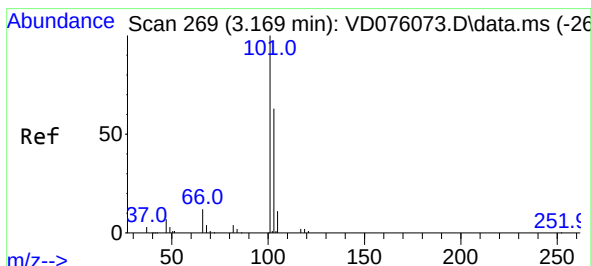
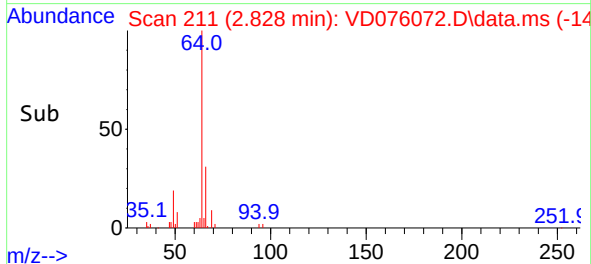
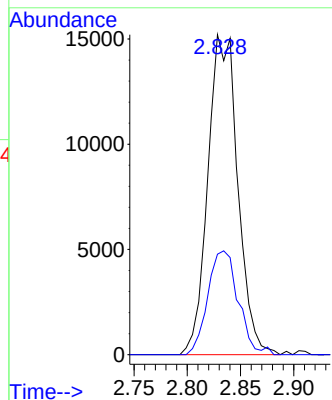
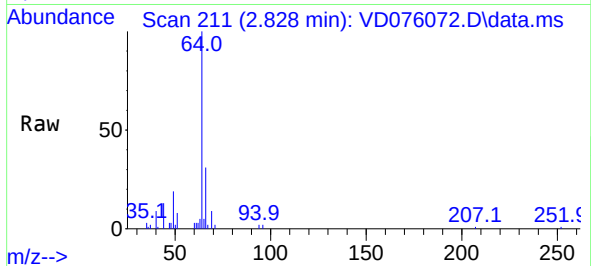




#8
Chloroethane
Concen: 5.148 ug/L
RT: 2.828 min Scan# 211
Delta R.T. -0.006 min
Lab File: VD076072.D
Acq: 11 May 2023 11:04

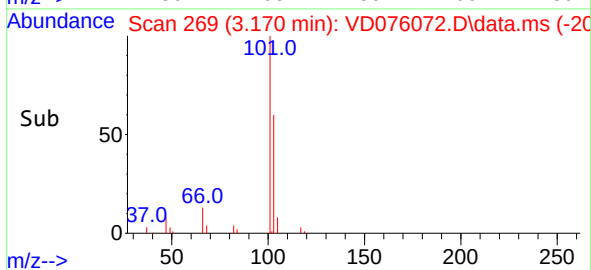
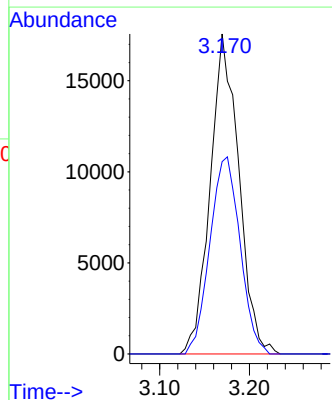
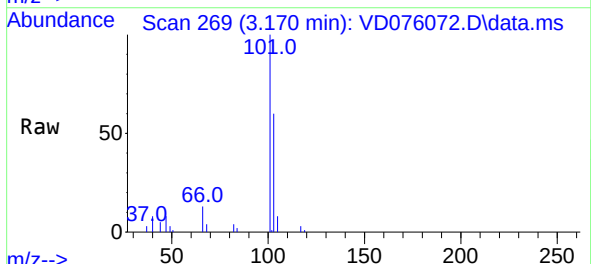
Instrument :
MSVOA_D
ClientSampleId :
VSTD005147

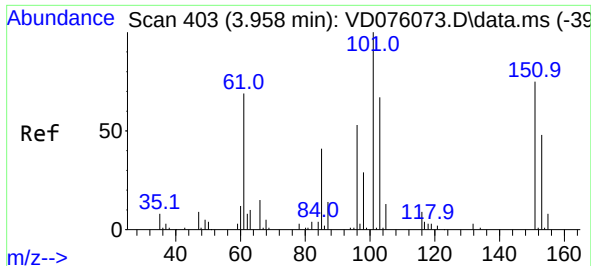
Tgt Ion: 64 Resp: 29669
Ion Ratio Lower Upper
64 100
66 31.4 21.8 40.4



#9
Trichlorofluoromethane
Concen: 5.296 ug/L
RT: 3.170 min Scan# 269
Delta R.T. 0.000 min
Lab File: VD076072.D
Acq: 11 May 2023 11:04

Tgt Ion: 101 Resp: 38945
Ion Ratio Lower Upper
101 100
103 64.9 52.2 78.4

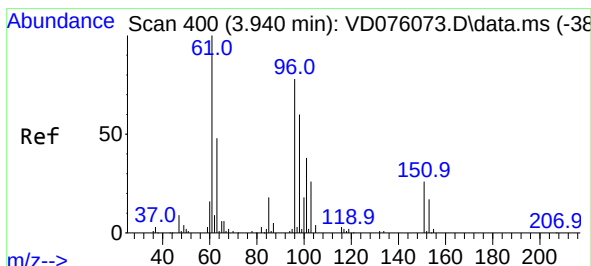
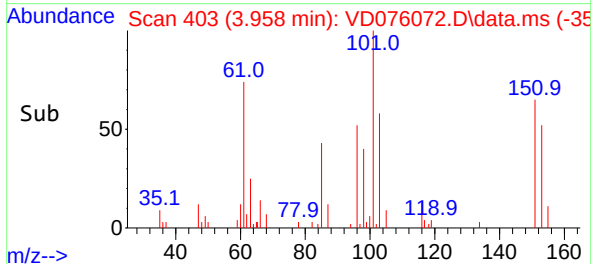
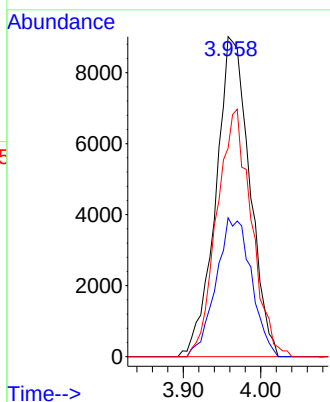
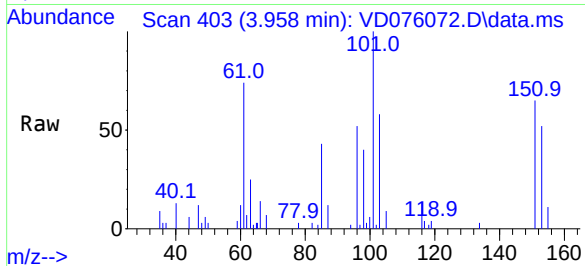




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 5.227 ug/L
RT: 3.958 min Scan# 403
Delta R.T. 0.000 min
Lab File: VD076072.D
Acq: 11 May 2023 11:04

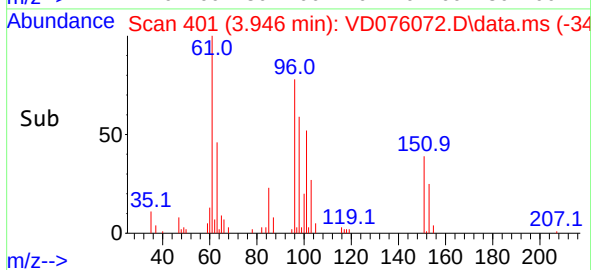
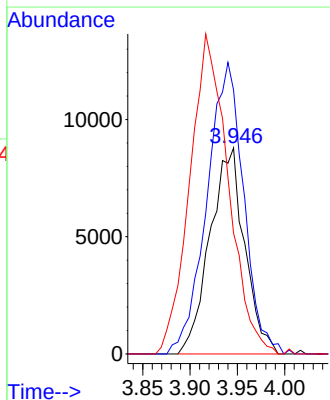
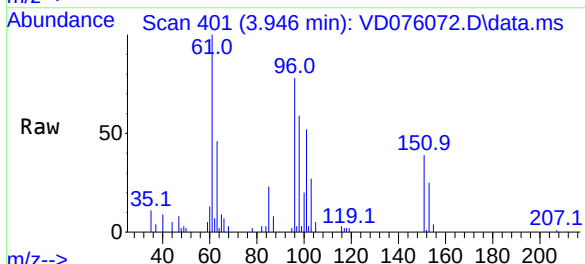
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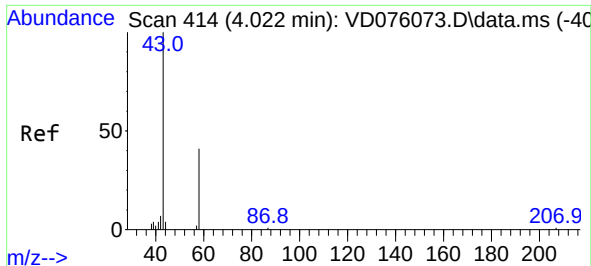
Tgt Ion:101 Resp: 27377
Ion Ratio Lower Upper
101 100
85 23.6 32.9 49.3#
151 78.8 57.2 85.8



#12
1,1-Dichloroethene
Concen: 4.770 ug/L
RT: 3.946 min Scan# 401
Delta R.T. 0.006 min
Lab File: VD076072.D
Acq: 11 May 2023 11:04

Tgt Ion: 96 Resp: 22395
Ion Ratio Lower Upper
96 100
61 128.1 92.6 172.0
63 58.7 77.4 143.8#

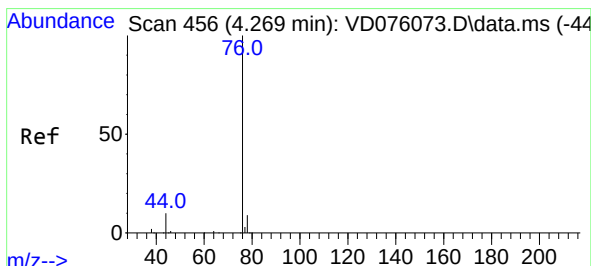
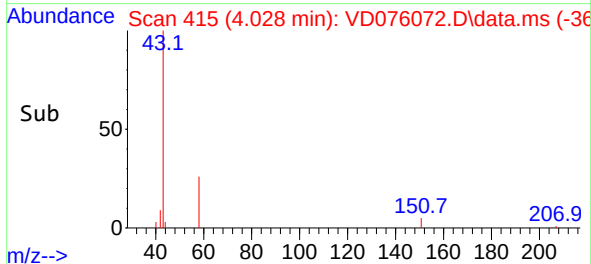
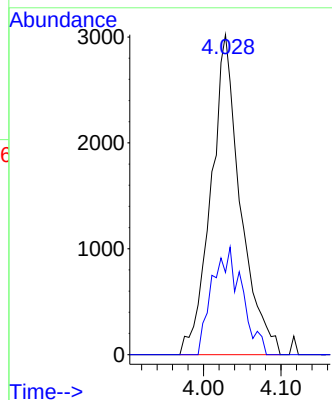
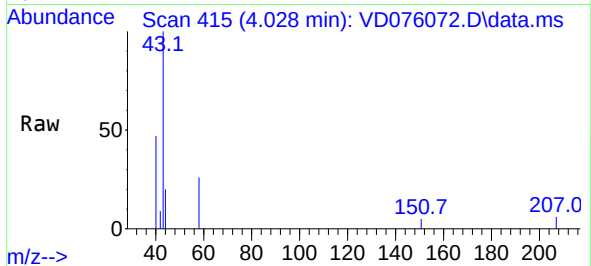




#13
Acetone
Concen: 10.956 ug/L
RT: 4.028 min Scan# 41
Delta R.T. 0.006 min
Lab File: VD076072.D
Acq: 11 May 2023 11:04

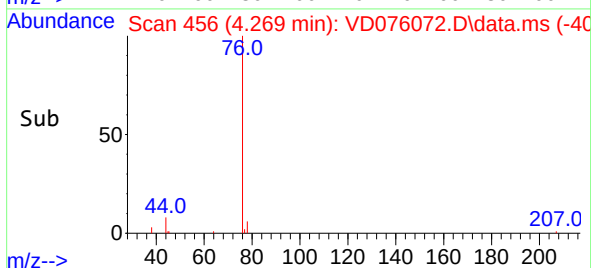
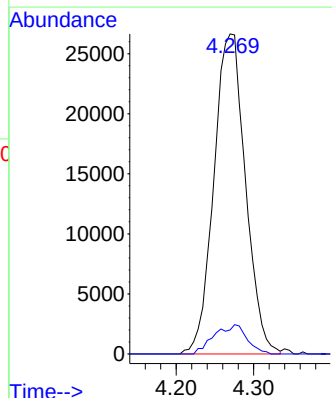
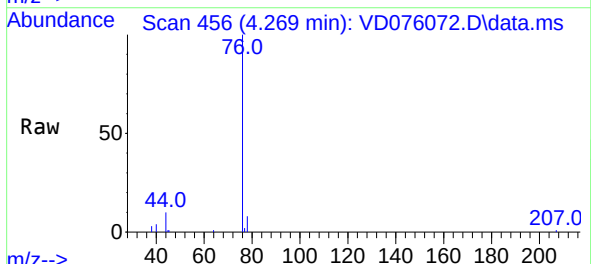
Instrument :
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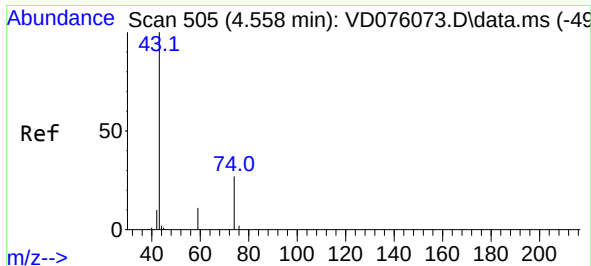
Tgt Ion: 43 Resp: 7984
Ion Ratio Lower Upper
43 100
58 24.1 0.0 87.4



#14
Carbon disulfide
Concen: 5.175 ug/L
RT: 4.269 min Scan# 456
Delta R.T. 0.000 min
Lab File: VD076072.D
Acq: 11 May 2023 11:04

Tgt Ion: 76 Resp: 75643
Ion Ratio Lower Upper
76 100
78 7.5 7.0 10.6

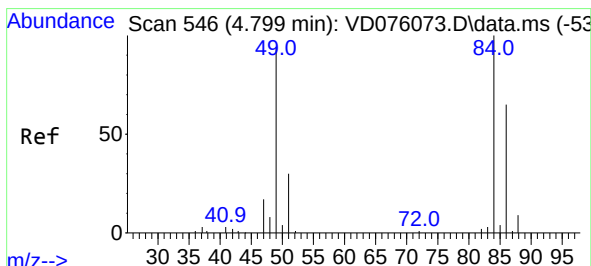
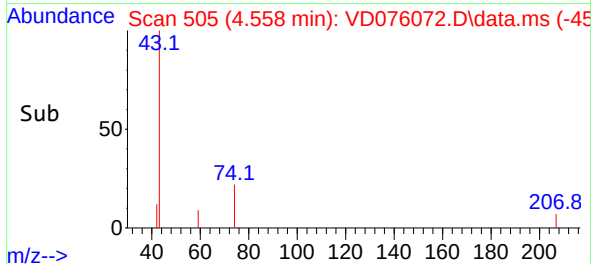
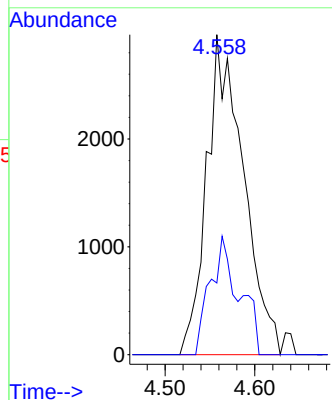
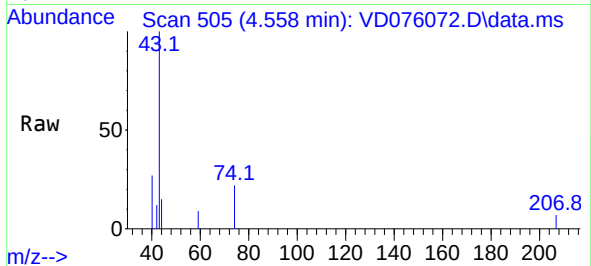




#15
Methyl Acetate
Concen: 5.362 ug/L
RT: 4.558 min Scan# 505
Delta R.T. 0.000 min
Lab File: VD076072.D
Acq: 11 May 2023 11:04

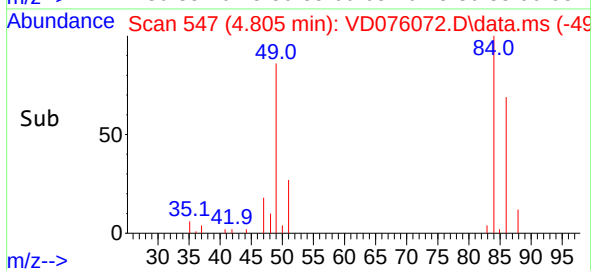
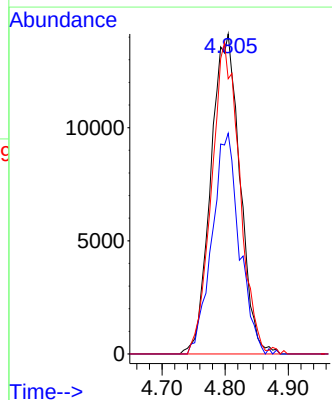
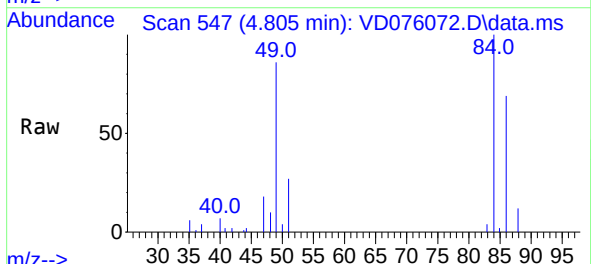
Instrument :
MSVOA_D
ClientSampleId :
VSTD005147

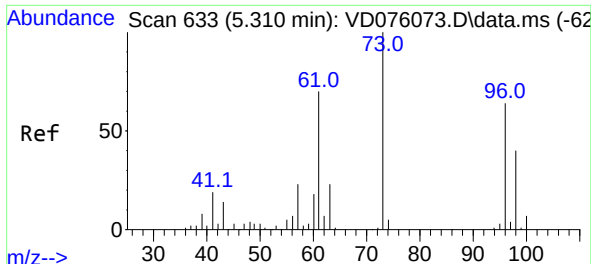
Tgt Ion: 43 Resp: 8430
Ion Ratio Lower Upper
43 100
74 6.5 12.8 19.2#



#16
Methylene chloride
Concen: 7.041 ug/L
RT: 4.805 min Scan# 547
Delta R.T. 0.006 min
Lab File: VD076072.D
Acq: 11 May 2023 11:04

Tgt Ion: 84 Resp: 45306
Ion Ratio Lower Upper
84 100
86 68.9 45.8 85.2
49 86.0 60.8 112.8

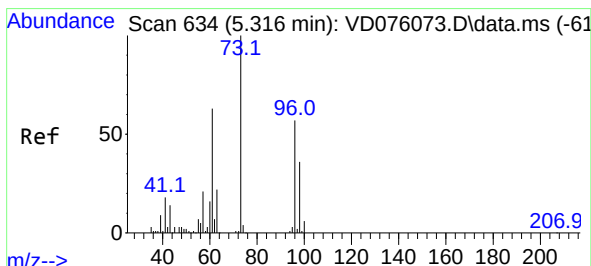
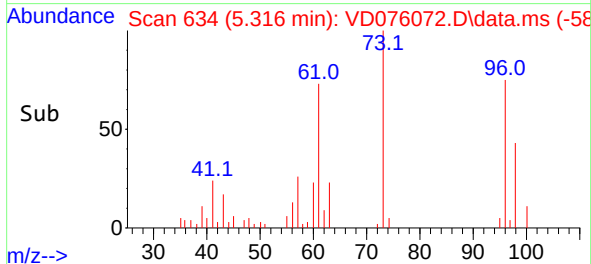
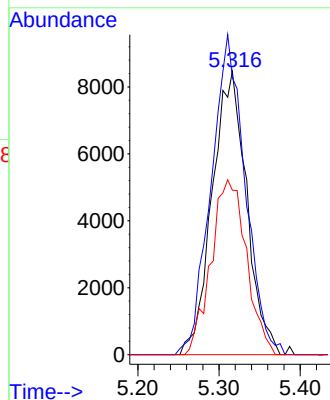
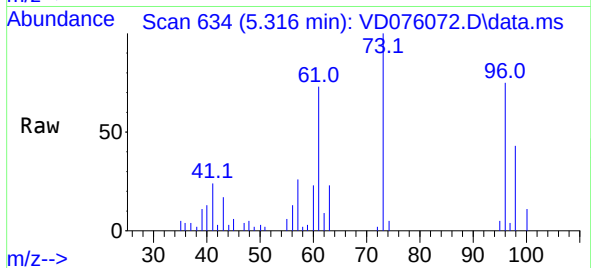




#17
trans-1,2-Dichloroethene
Concen: 4.964 ug/L
RT: 5.316 min Scan# 61
Delta R.T. 0.006 min
Lab File: VD076072.D
Acq: 11 May 2023 11:04

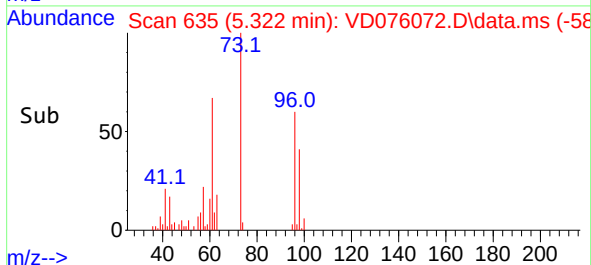
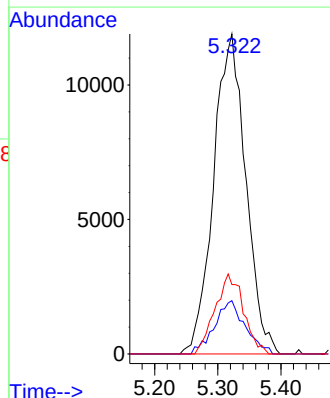
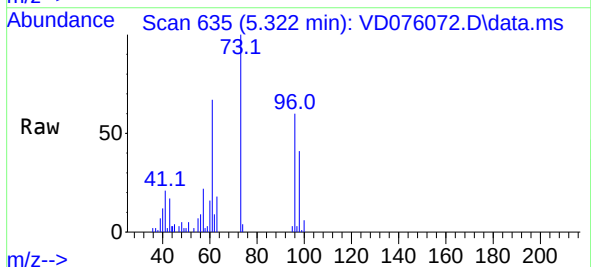
Instrument :
MSVOA_D
ClientSampleId :
VSTD005147

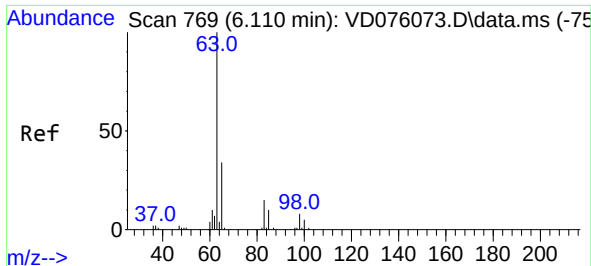
Tgt Ion: 96 Resp: 24949
Ion Ratio Lower Upper
96 100
61 97.8 72.9 135.5
98 58.1 43.0 79.8



#18
Methyl tert-butyl Ether
Concen: 4.722 ug/L
RT: 5.322 min Scan# 635
Delta R.T. 0.006 min
Lab File: VD076072.D
Acq: 11 May 2023 11:04

Tgt Ion: 73 Resp: 42116
Ion Ratio Lower Upper
73 100
43 15.7 11.3 16.9
57 15.8 16.3 24.5#

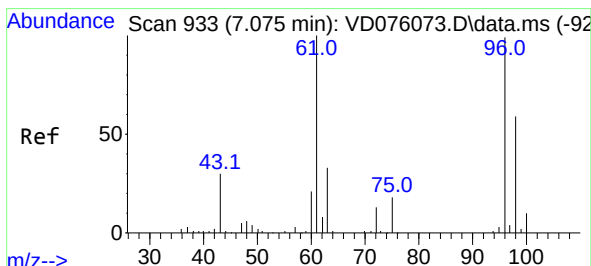
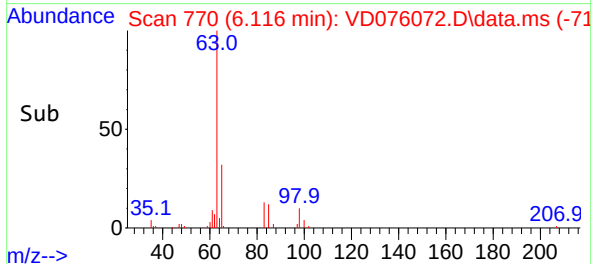
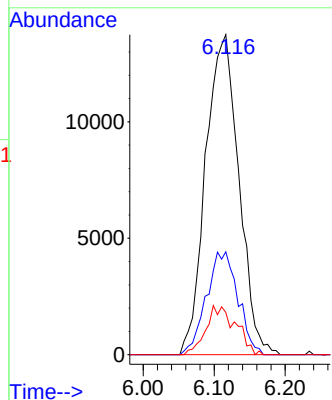
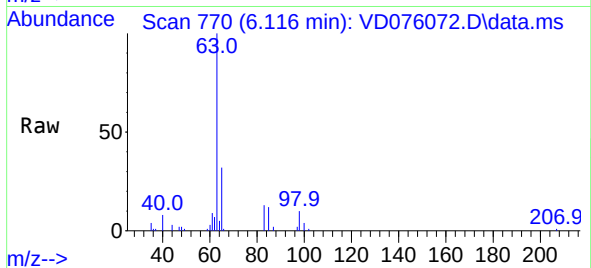




#19
1,1-Dichloroethane
Concen: 5.221 ug/L
RT: 6.116 min Scan# 71
Delta R.T. 0.006 min
Lab File: VD076072.D
Acq: 11 May 2023 11:04

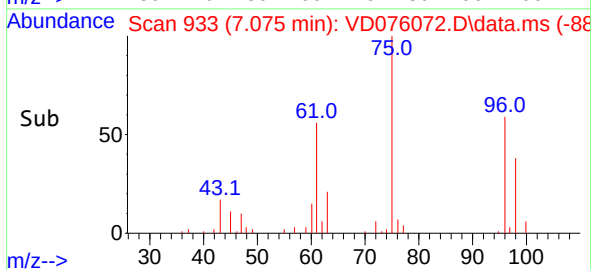
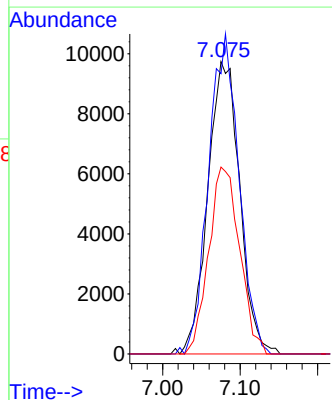
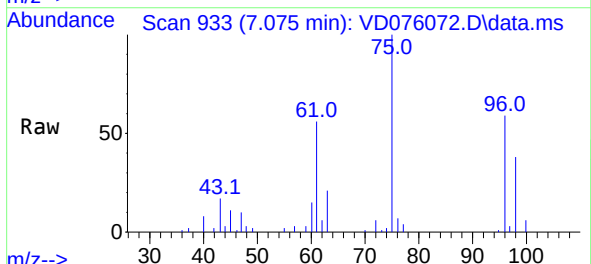
Instrument :
MSVOA_D
ClientSampleId :
VSTD005147

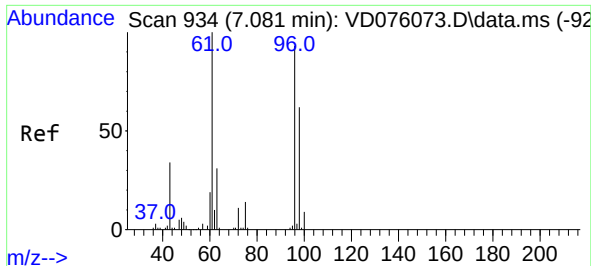
Tgt Ion: 63 Resp: 44730
Ion Ratio Lower Upper
63 100
65 32.2 22.8 42.4
83 13.2 11.2 20.8



#20
cis-1,2-Dichloroethene
Concen: 5.010 ug/L
RT: 7.075 min Scan# 933
Delta R.T. 0.000 min
Lab File: VD076072.D
Acq: 11 May 2023 11:04

Tgt Ion: 96 Resp: 27919
Ion Ratio Lower Upper
96 100
61 95.9 67.5 125.3
98 63.9 47.5 88.1

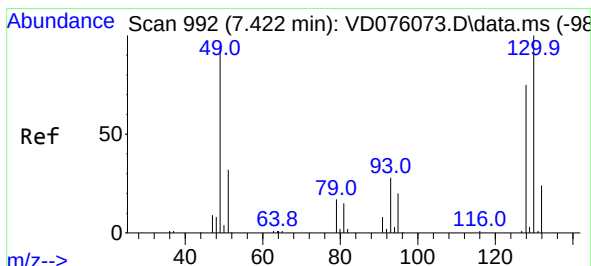
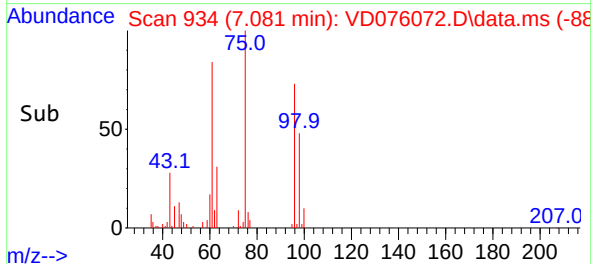
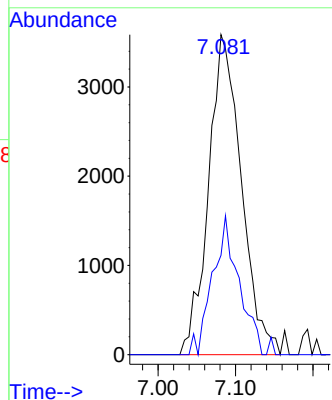
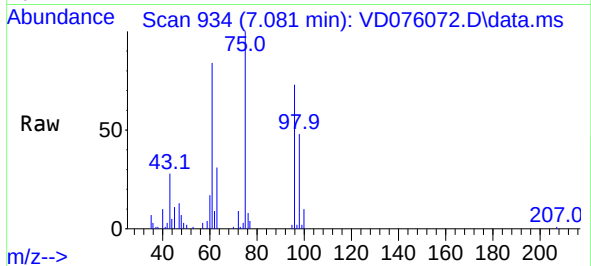




#22
2-Butanone
Concen: 10.388 ug/L
RT: 7.081 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD076072.D
Acq: 11 May 2023 11:04

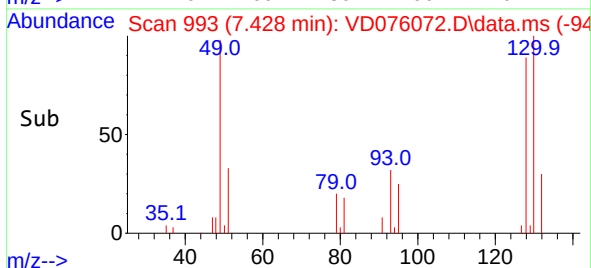
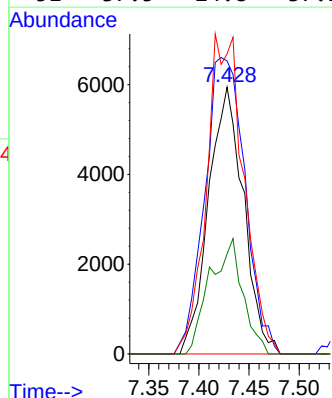
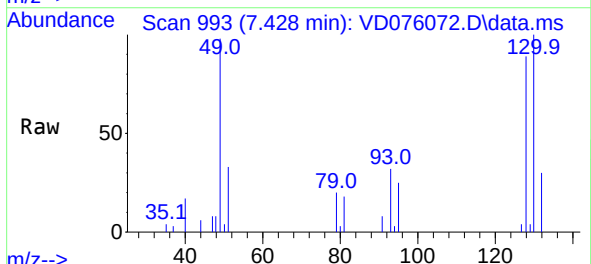
Instrument :
MSVOA_D
ClientSampleId :
VSTD005147

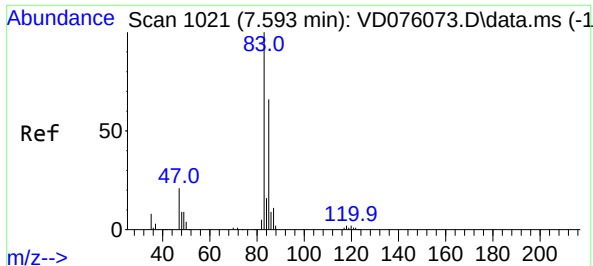
Tgt Ion: 43 Resp: 10571
Ion Ratio Lower Upper
43 100
72 33.9 20.5 61.5



#23
Bromochloromethane
Concen: 5.301 ug/L
RT: 7.428 min Scan# 993
Delta R.T. 0.006 min
Lab File: VD076072.D
Acq: 11 May 2023 11:04

Tgt Ion: 128 Resp: 14438
Ion Ratio Lower Upper
128 100
49 109.8 76.4 142.0
130 112.5 93.5 173.7
51 37.5 24.8 37.2#





#25

Chloroform

Concen: 5.316 ug/L

RT: 7.599 min Scan# 1021

Delta R.T. 0.006 min

Lab File: VD076072.D

Acq: 11 May 2023 11:04

Instrument :

MSVOA_D

ClientSampleId :

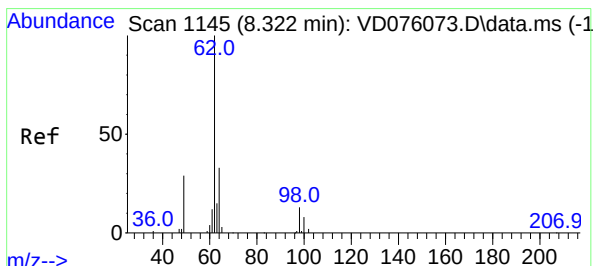
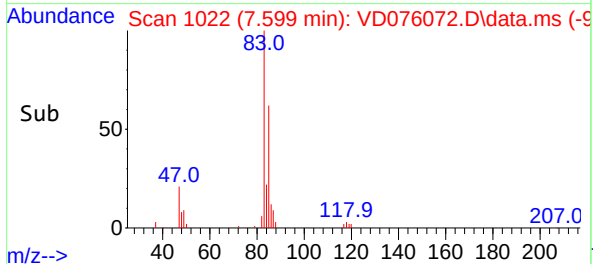
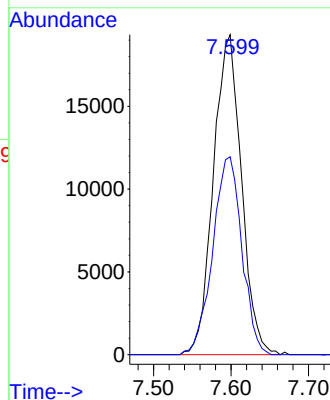
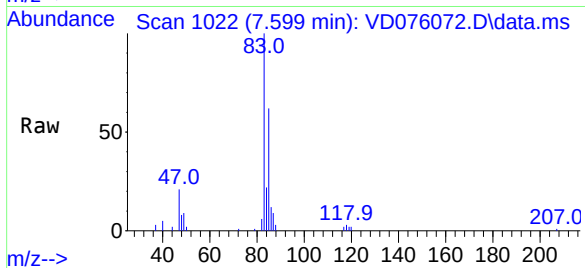
VSTD005147

Tgt Ion: 83 Resp: 48632

Ion Ratio Lower Upper

83 100

85 61.8 44.4 82.5



#27

1,2-Dichloroethane

Concen: 5.177 ug/L

RT: 8.328 min Scan# 1146

Delta R.T. 0.006 min

Lab File: VD076072.D

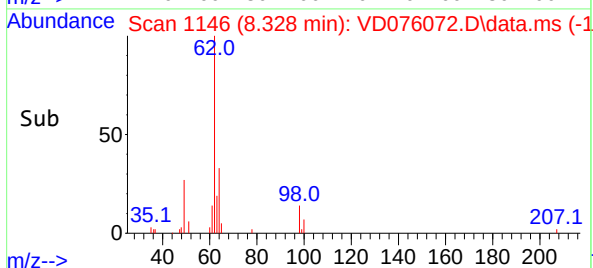
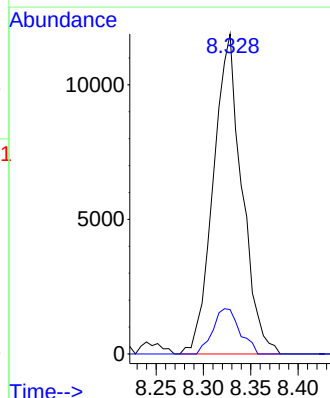
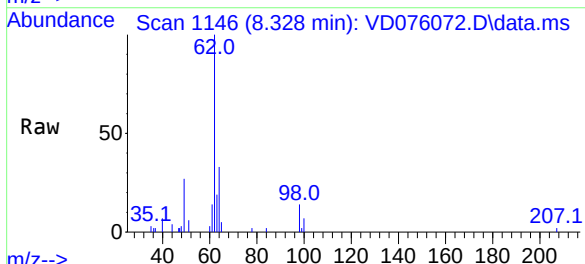
Acq: 11 May 2023 11:04

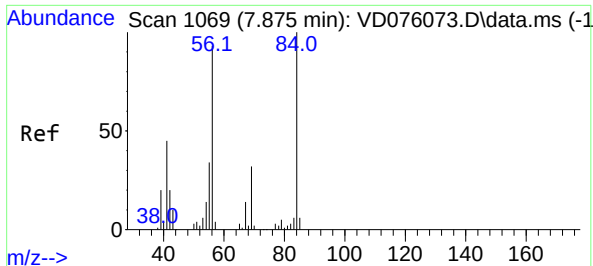
Tgt Ion: 62 Resp: 24956

Ion Ratio Lower Upper

62 100

98 13.9 10.2 15.2





#29

Cyclohexane

Concen: 4.296 ug/L

RT: 7.881 min Scan# 1070

Delta R.T. 0.006 min

Lab File: VD076072.D

Acq: 11 May 2023 11:04

Instrument :

MSVOA_D

ClientSampleId :

VSTD005147

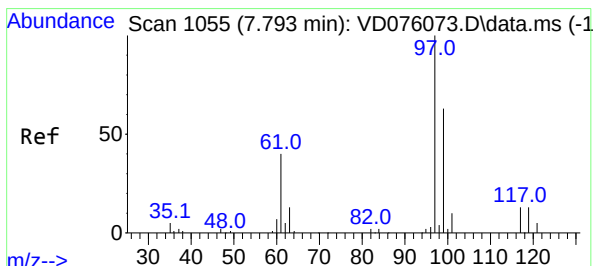
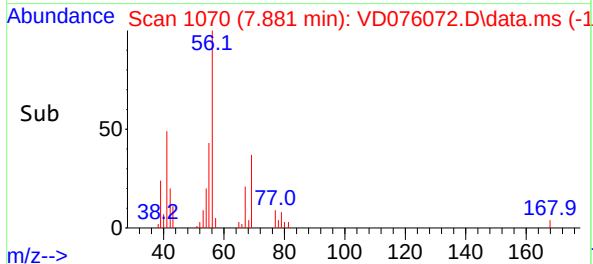
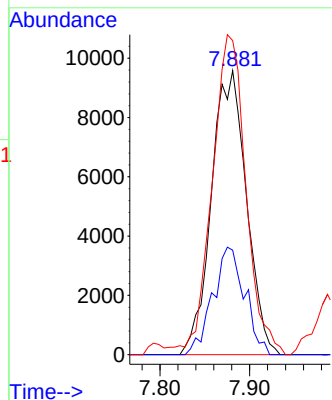
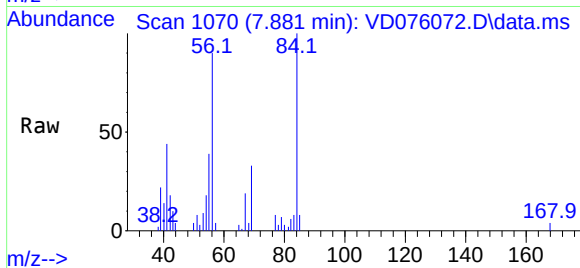
Tgt Ion: 56 Resp: 25947

Ion Ratio Lower Upper

56 100

69 34.5 28.2 42.2

84 107.5 92.4 138.6



#30

1,1,1-Trichloroethane

Concen: 5.073 ug/L

RT: 7.793 min Scan# 1055

Delta R.T. 0.000 min

Lab File: VD076072.D

Acq: 11 May 2023 11:04

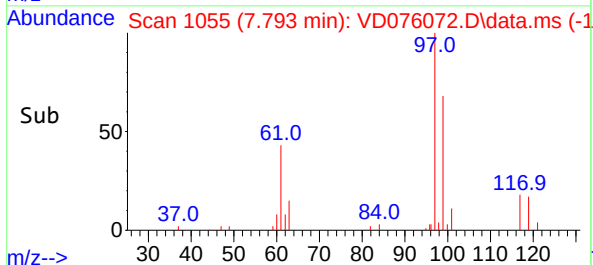
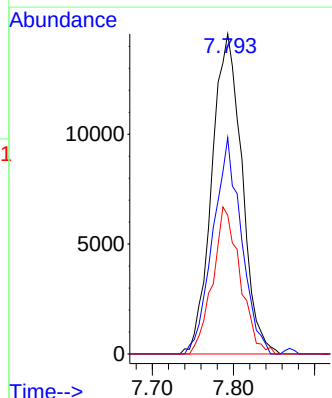
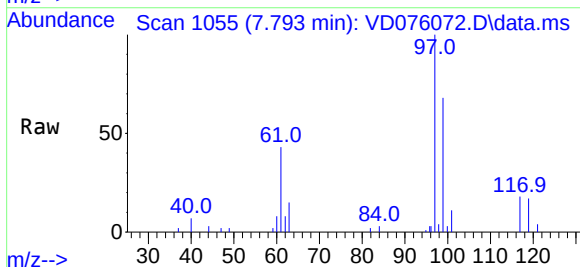
Tgt Ion: 97 Resp: 37525

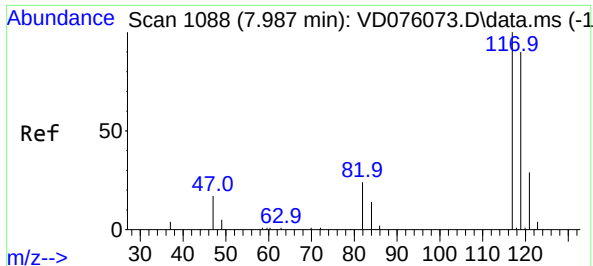
Ion Ratio Lower Upper

97 100

99 64.0 51.5 77.3

61 41.9 32.1 48.1

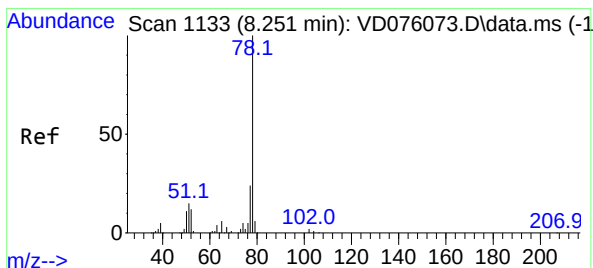
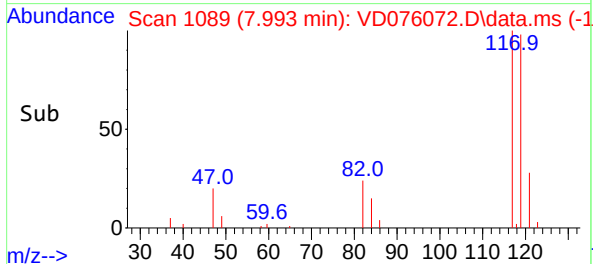
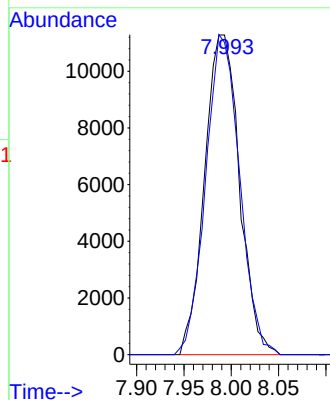
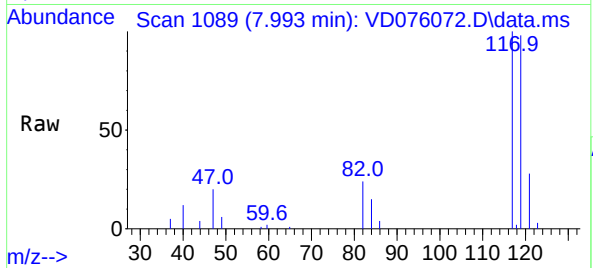




#31
Carbon tetrachloride
Concen: 4.957 ug/L
RT: 7.993 min Scan# 1088
Delta R.T. 0.006 min
Lab File: VD076072.D
Acq: 11 May 2023 11:04

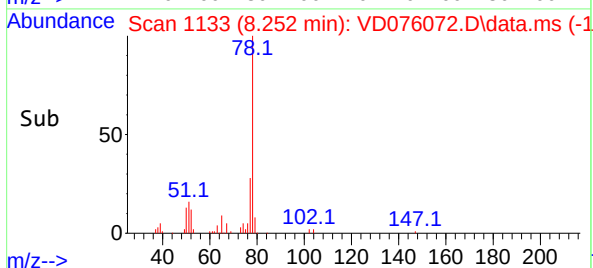
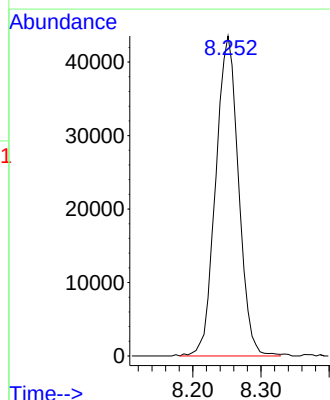
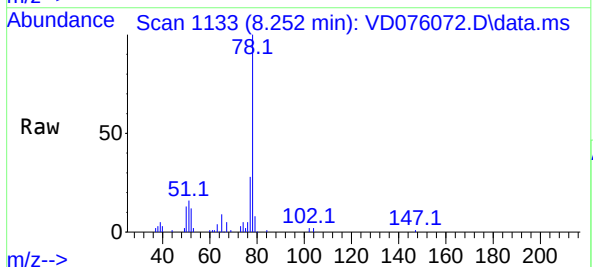
Instrument :
MSVOA_D
ClientSampleId :
VSTD005147

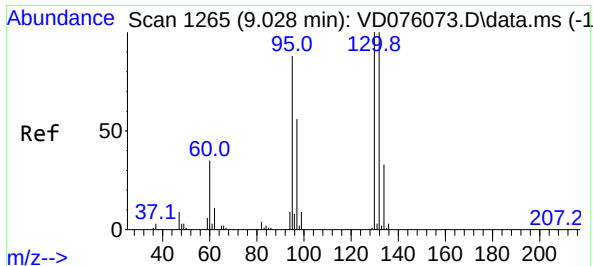
Tgt Ion:117 Resp: 28885
Ion Ratio Lower Upper
117 100
119 97.3 78.2 117.4



#33
Benzene
Concen: 5.014 ug/L
RT: 8.252 min Scan# 1133
Delta R.T. 0.000 min
Lab File: VD076072.D
Acq: 11 May 2023 11:04

Tgt Ion: 78 Resp: 101502



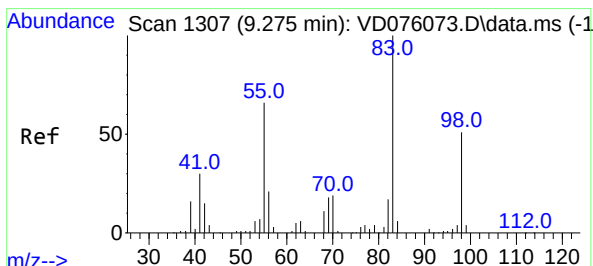
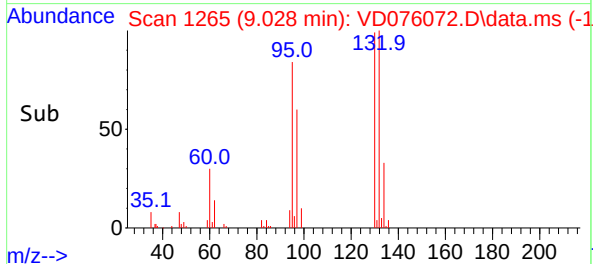
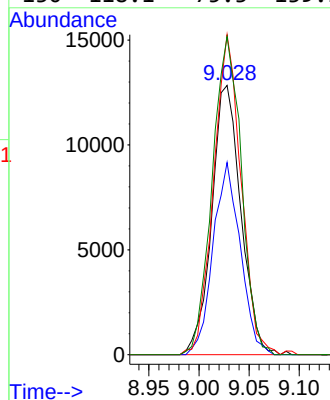
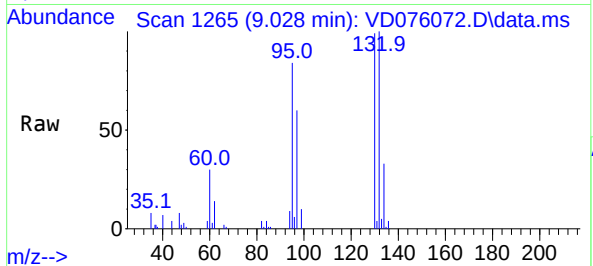


#34
Trichloroethene
Concen: 4.969 ug/L
RT: 9.028 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD076072.D
Acq: 11 May 2023 11:04

Instrument :
MSVOA_D
ClientSampleId :
VSTD005147

Tgt Ion: 95 Resp: 25966

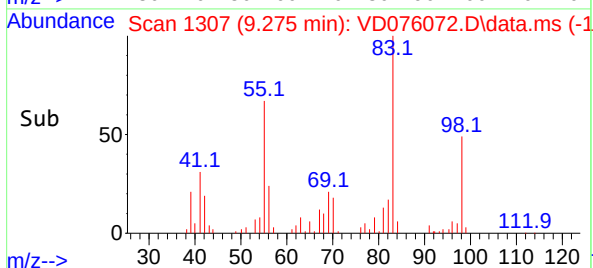
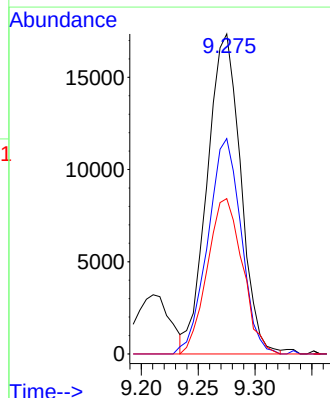
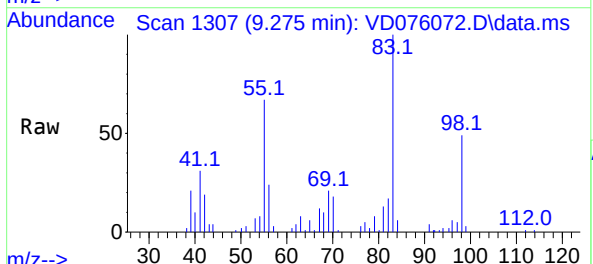
Ion	Ratio	Lower	Upper
95	100		
97	71.4	46.0	85.4
132	118.8	73.3	136.1
130	118.1	75.3	139.9

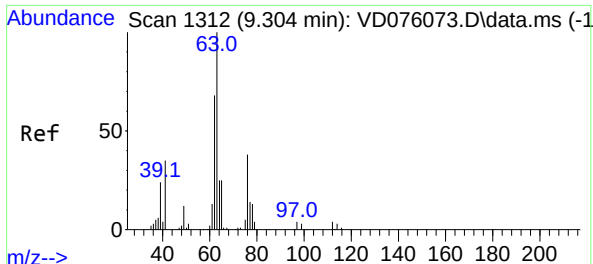


#35
Methylcyclohexane
Concen: 4.477 ug/L
RT: 9.275 min Scan# 1307
Delta R.T. 0.000 min
Lab File: VD076072.D
Acq: 11 May 2023 11:04

Tgt Ion: 83 Resp: 35444

Ion	Ratio	Lower	Upper
83	100		
55	67.2	48.2	72.2
98	51.1	40.8	61.2

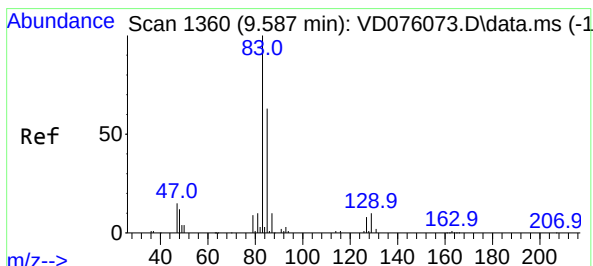
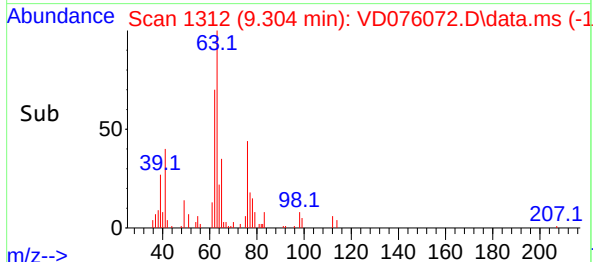
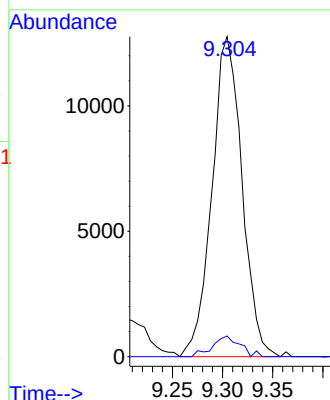
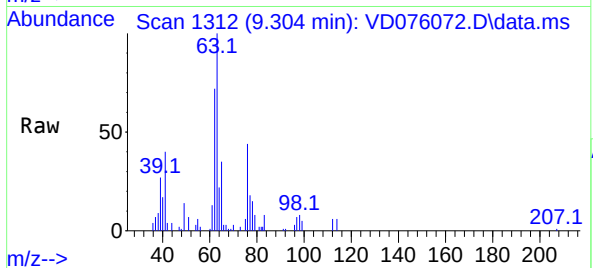




#37
1,2-Dichloropropane
Concen: 5.143 ug/L
RT: 9.304 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD076072.D
Acq: 11 May 2023 11:04

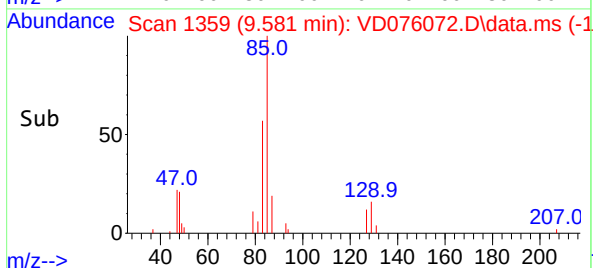
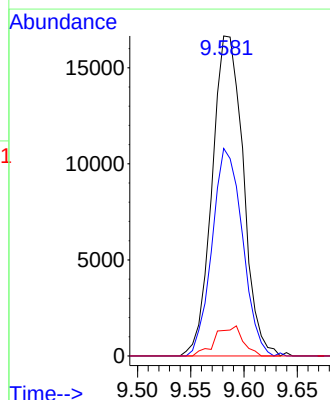
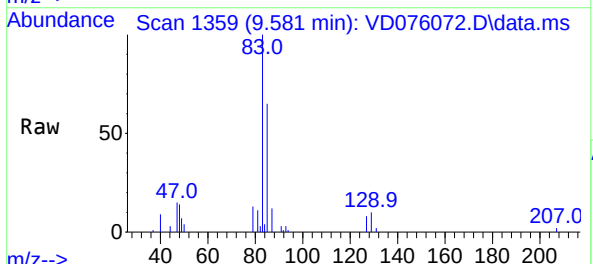
Instrument :
MSVOA_D
ClientSampleId :
VSTD005147

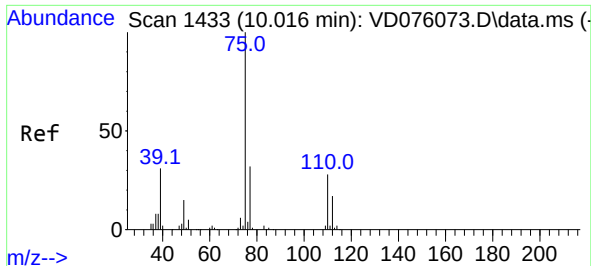
Tgt Ion: 63 Resp: 26556
Ion Ratio Lower Upper
63 100
112 5.1 4.0 6.0



#38
Bromodichloromethane
Concen: 5.107 ug/L
RT: 9.581 min Scan# 1359
Delta R.T. -0.006 min
Lab File: VD076072.D
Acq: 11 May 2023 11:04

Tgt Ion: 83 Resp: 33786
Ion Ratio Lower Upper
83 100
85 64.9 44.2 82.2
127 8.0 6.3 9.5

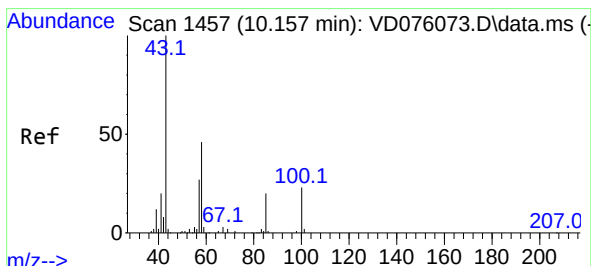
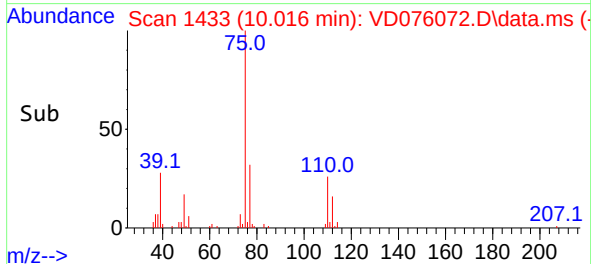
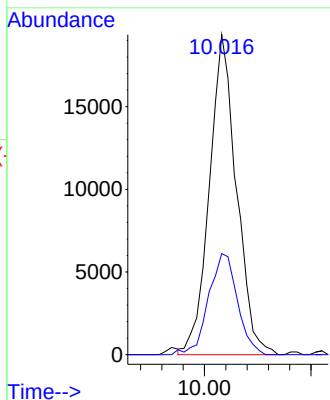
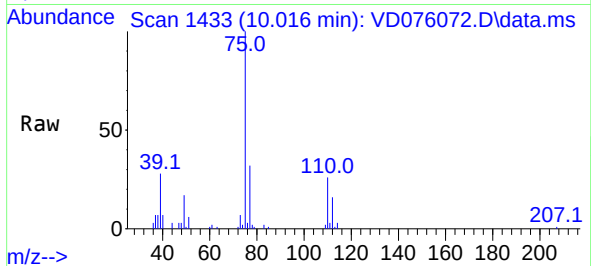




#39
cis-1,3-Dichloropropene
Concen: 4.600 ug/L
RT: 10.016 min Scan# 1433
Delta R.T. 0.000 min
Lab File: VD076072.D
Acq: 11 May 2023 11:04

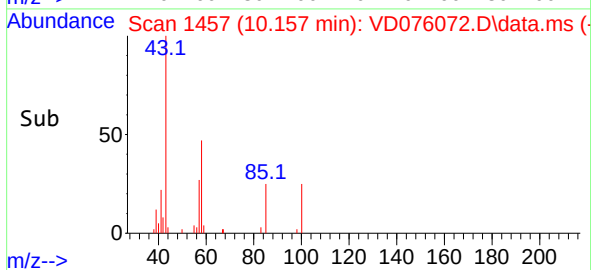
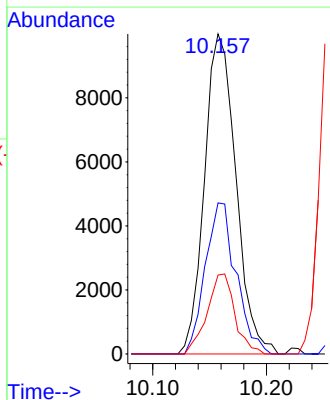
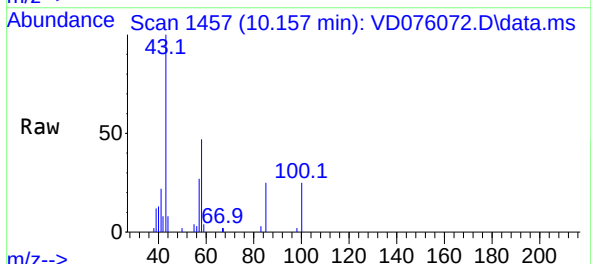
Instrument :
MSVOA_D
ClientSampleId :
VSTD005147

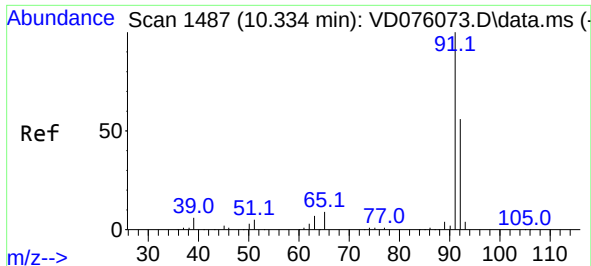
Tgt Ion: 75 Resp: 34211
Ion Ratio Lower Upper
75 100
77 31.6 23.4 43.6



#40
4-Methyl-2-pentanone
Concen: 9.235 ug/L
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD076072.D
Acq: 11 May 2023 11:04

Tgt Ion: 43 Resp: 19221
Ion Ratio Lower Upper
43 100
58 46.2 39.1 58.7
100 22.0 19.4 29.0

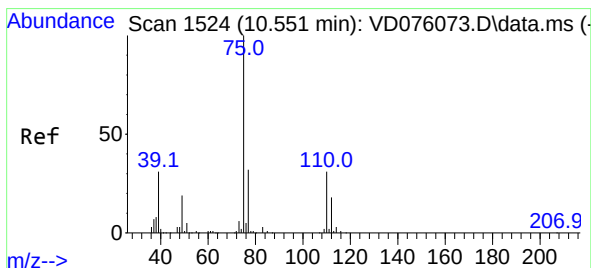
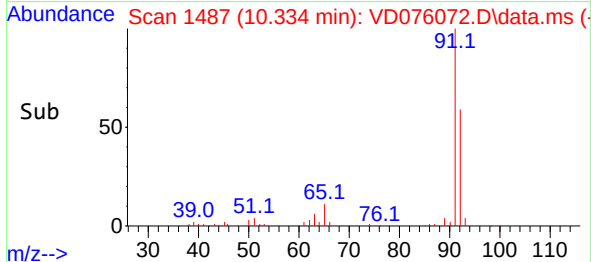
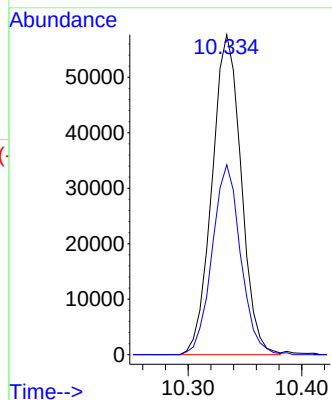
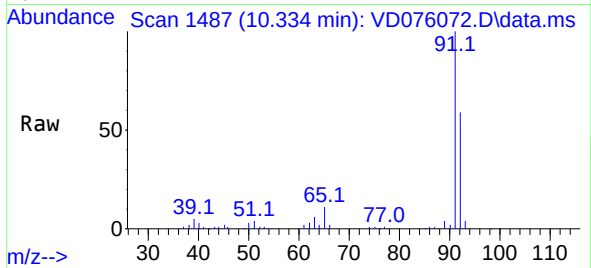




#42
Toluene
Concen: 4.755 ug/L
RT: 10.334 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VD076072.D
Acq: 11 May 2023 11:04

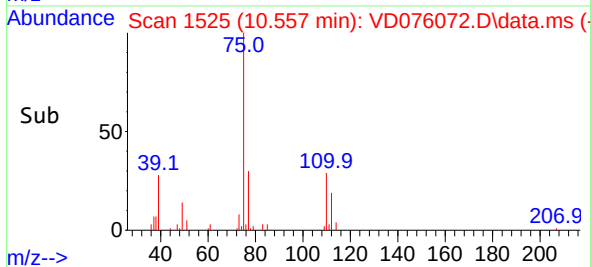
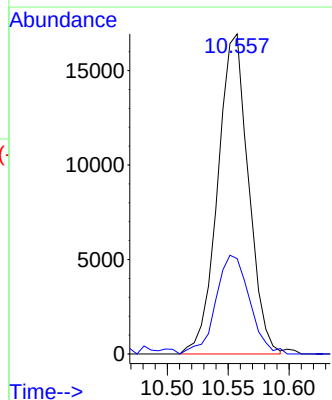
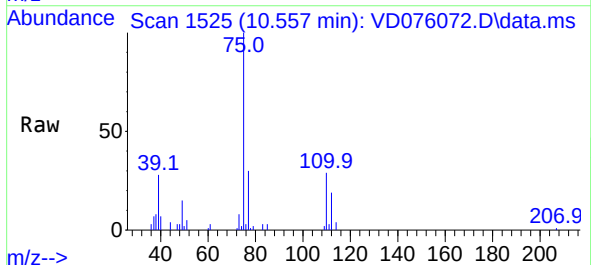
Instrument :
MSVOA_D
ClientSampleId :
VSTD005147

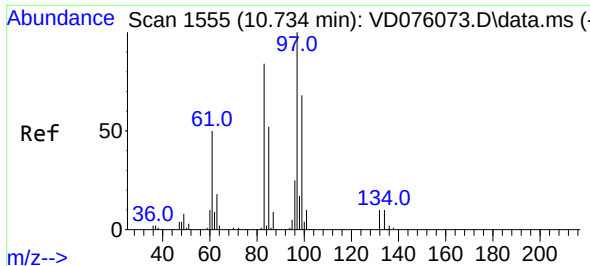
Tgt Ion: 91 Resp: 102758
Ion Ratio Lower Upper
91 100
92 59.4 39.3 72.9



#44
trans-1,3-Dichloropropene
Concen: 4.796 ug/L
RT: 10.557 min Scan# 1525
Delta R.T. 0.006 min
Lab File: VD076072.D
Acq: 11 May 2023 11:04

Tgt Ion: 75 Resp: 29768
Ion Ratio Lower Upper
75 100
77 29.8 22.0 41.0

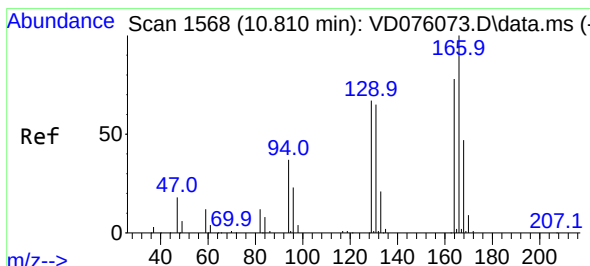
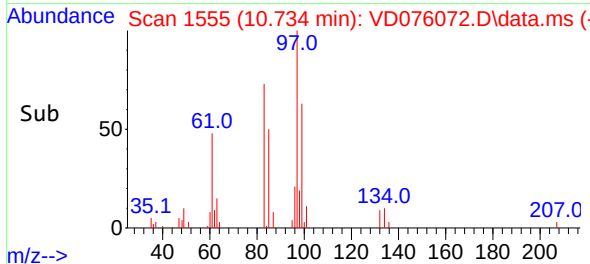
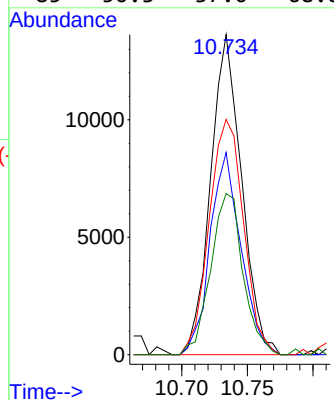
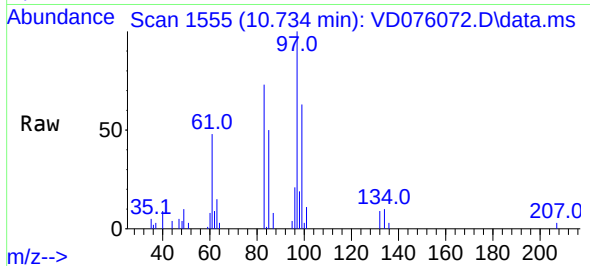




#45
1,1,2-Trichloroethane
Concen: 5.381 ug/L
RT: 10.734 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VD076072.D
Acq: 11 May 2023 11:04

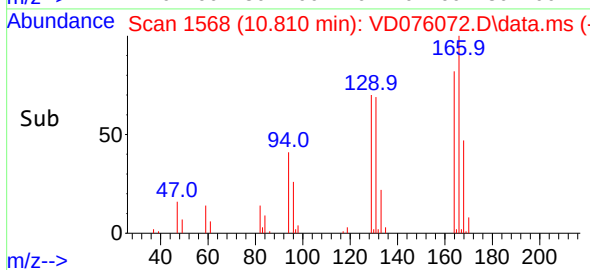
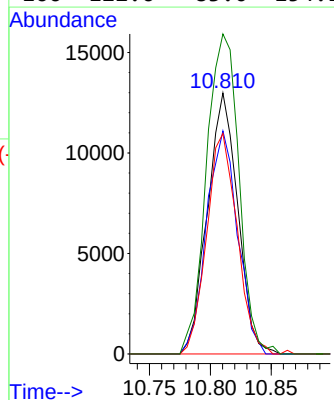
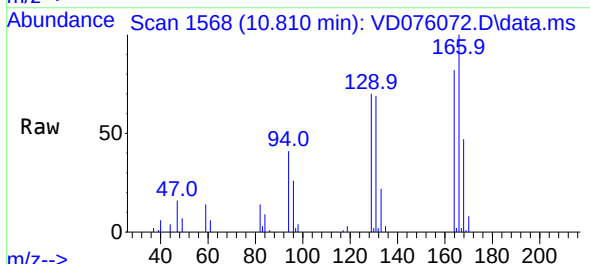
Instrument :
MSVOA_D
ClientSampleId :
VSTD005147

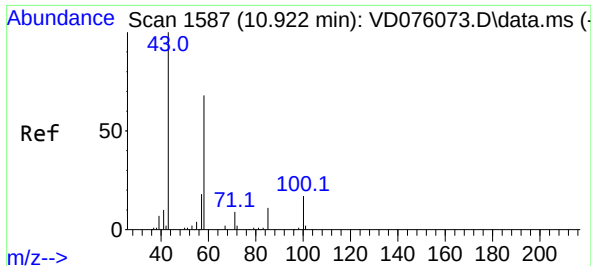
Tgt Ion: 97	Resp: 22436
Ion Ratio	Lower Upper
97 100	
99 63.1	42.2 78.4
83 73.5	54.8 101.8
85 50.3	37.0 68.8



#46
Tetrachloroethene
Concen: 5.153 ug/L
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD076072.D
Acq: 11 May 2023 11:04

Tgt	Ion:164	Resp:	22494
Ion	Ratio	Lower	Upper
164	100		
129	85.5	60.3	112.1
131	84.5	58.9	109.3
166	122.6	83.0	154.1

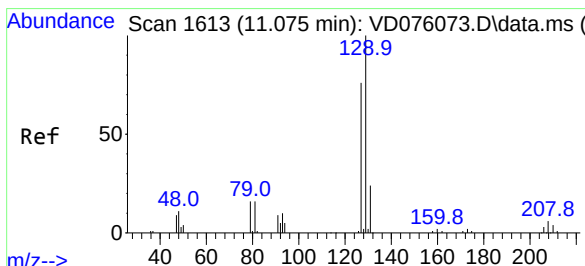
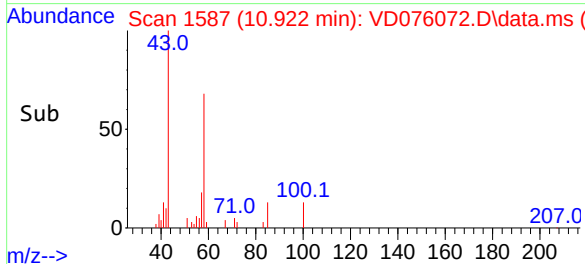
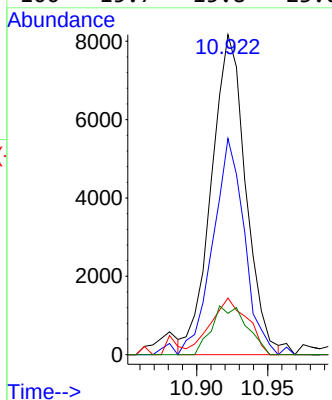
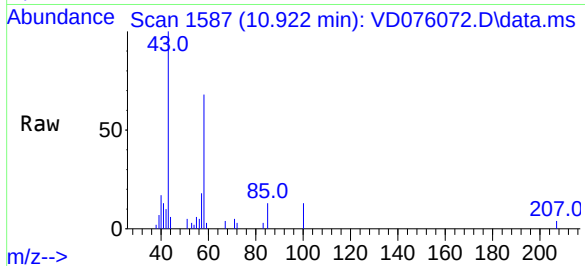




#48
2-Hexanone
Concen: 9.089 ug/L
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD076072.D
Acq: 11 May 2023 11:04

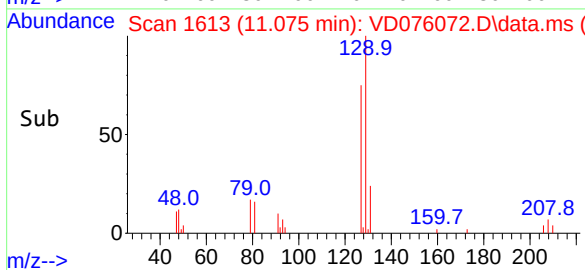
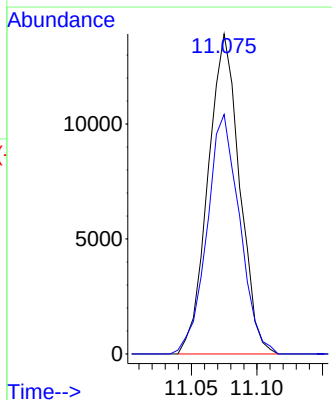
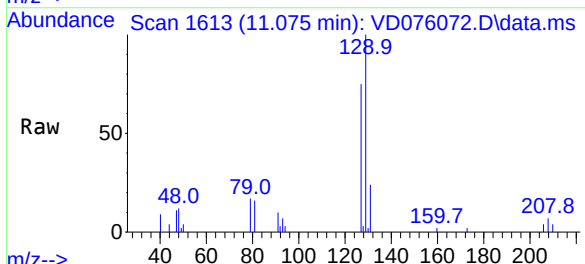
Instrument :
MSVOA_D
ClientSampleId :
VSTD005147

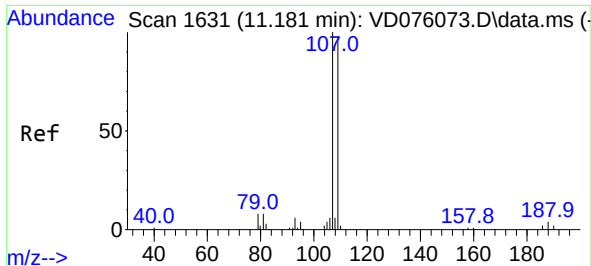
Tgt Ion:	43	Resp:	13728
Ion	Ratio	Lower	Upper
43	100		
58	61.9	59.7	89.5
57	18.9	17.9	26.9
100	15.7	15.8	23.6#



#49
Dibromochloromethane
Concen: 5.179 ug/L
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD076072.D
Acq: 11 May 2023 11:04

Tgt Ion:	129	Resp:	23299
Ion	Ratio	Lower	Upper
129	100		
127	74.8	55.6	103.4

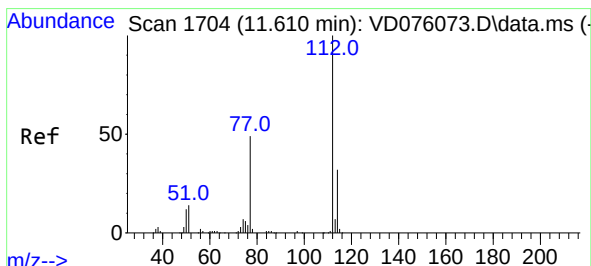
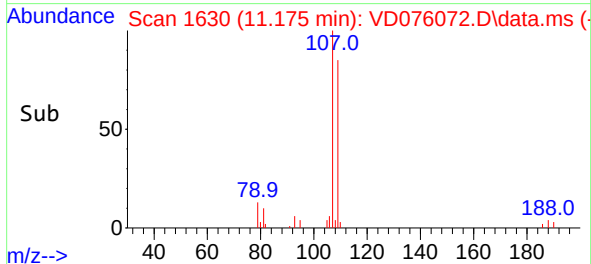
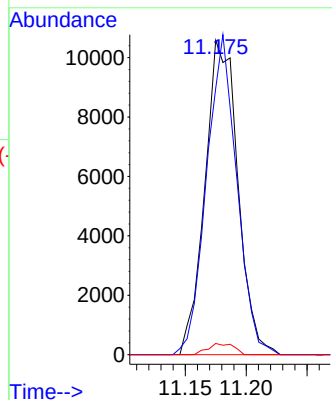
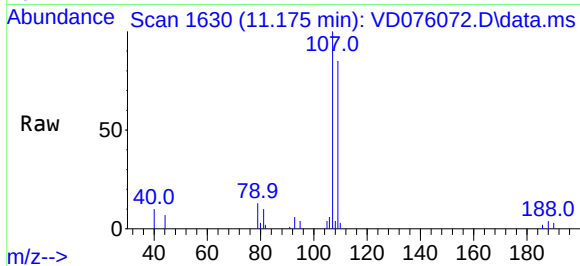




#50
1,2-Dibromoethane
Concen: 5.416 ug/L
RT: 11.175 min Scan# 1630
Delta R.T. -0.006 min
Lab File: VD076072.D
Acq: 11 May 2023 11:04

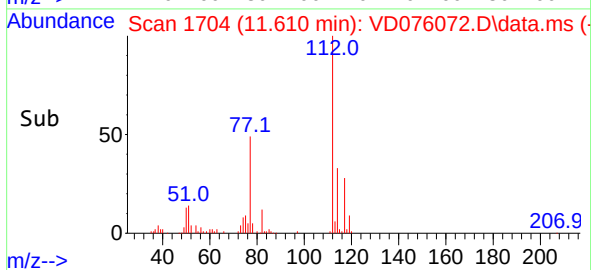
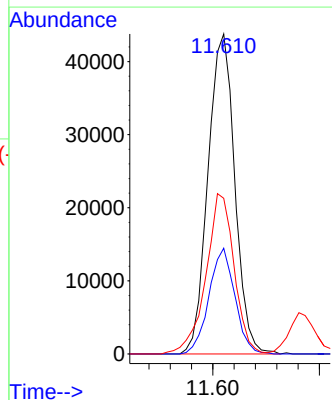
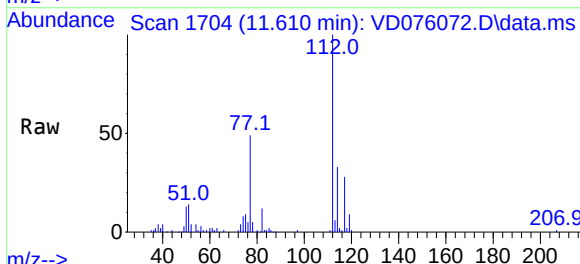
Instrument :
MSVOA_D
ClientSampleId :
VSTD005147

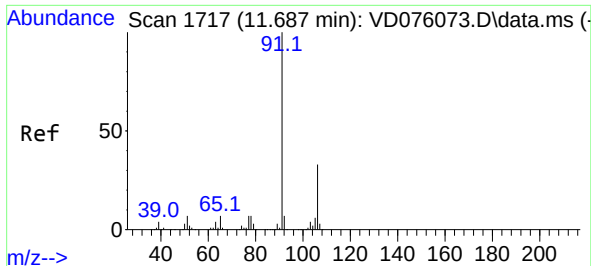
Tgt Ion:	107	Resp:	19943
Ion	Ratio	Lower	Upper
107	100		
109	84.7	67.6	125.6
188	3.6	3.0	4.6



#51
Chlorobenzene
Concen: 5.208 ug/L
RT: 11.610 min Scan# 1704
Delta R.T. 0.000 min
Lab File: VD076072.D
Acq: 11 May 2023 11:04

Tgt Ion:	112	Resp:	76608
Ion	Ratio	Lower	Upper
112	100		
114	33.1	23.0	42.8
77	48.6	39.7	59.5

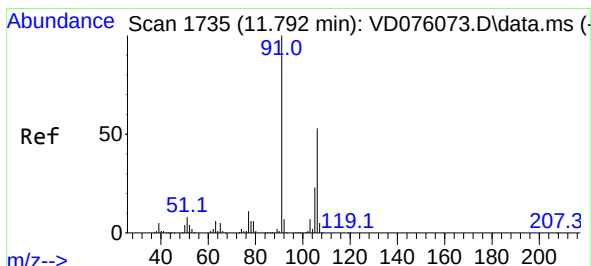
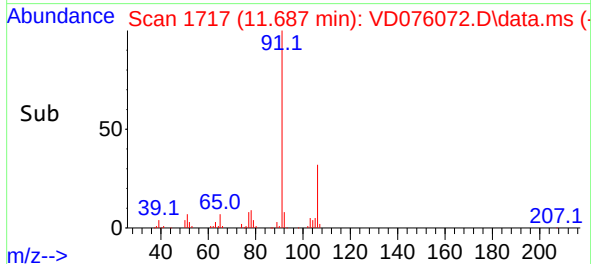
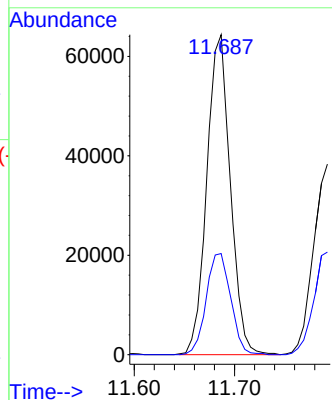
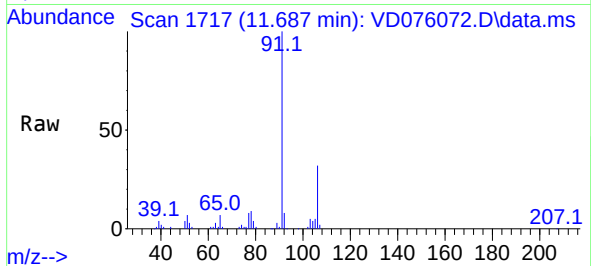




#52
Ethylbenzene
Concen: 4.677 ug/L
RT: 11.687 min Scan# 1717
Delta R.T. 0.000 min
Lab File: VD076072.D
Acq: 11 May 2023 11:04

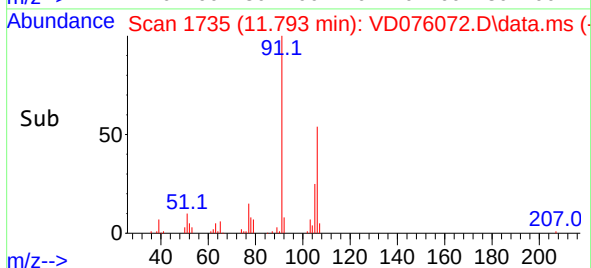
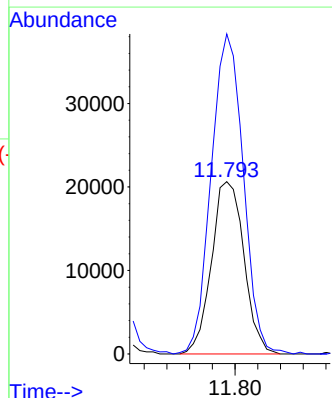
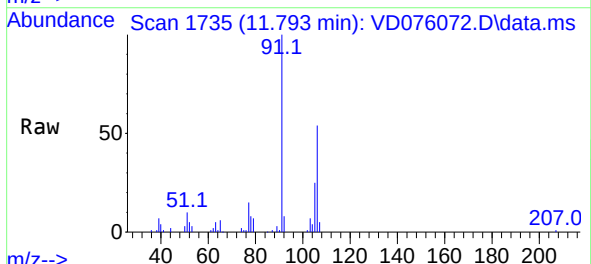
Instrument :
MSVOA_D
ClientSampleId :
VSTD005147

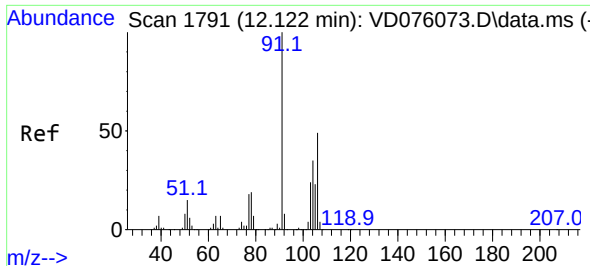
Tgt Ion: 91 Resp: 104874
Ion Ratio Lower Upper
91 100
106 31.6 23.7 43.9



#53
m,p-Xylene
Concen: 4.681 ug/L
RT: 11.793 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VD076072.D
Acq: 11 May 2023 11:04

Tgt Ion: 106 Resp: 40929
Ion Ratio Lower Upper
106 100
91 185.8 130.9 243.1

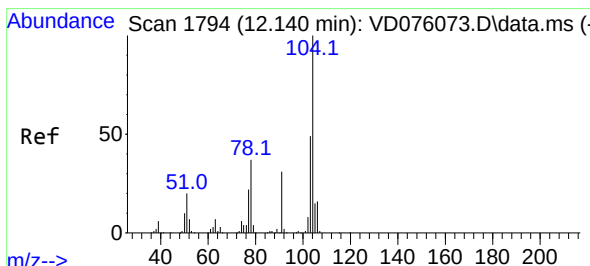
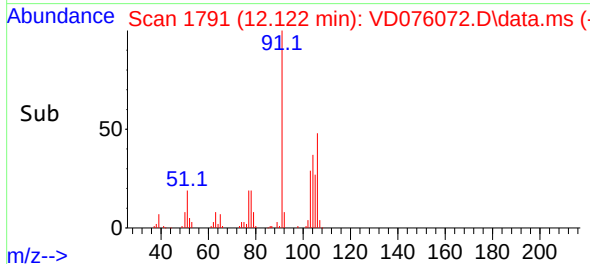
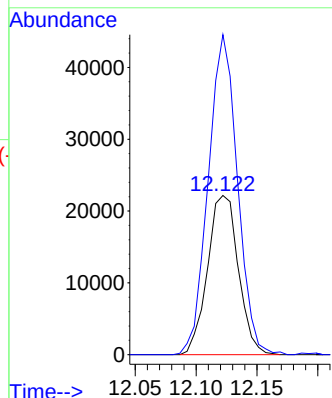
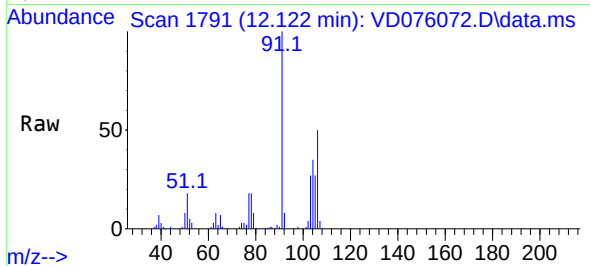




#54
o-Xylene
Concen: 4.712 ug/L
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD076072.D
Acq: 11 May 2023 11:04

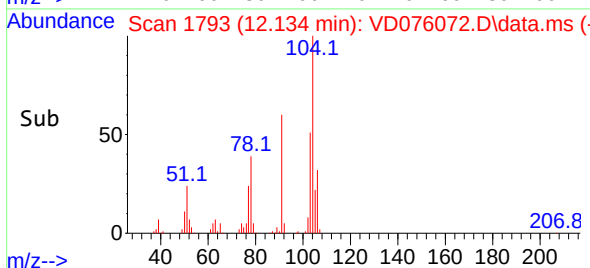
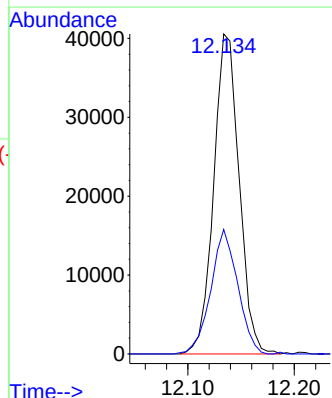
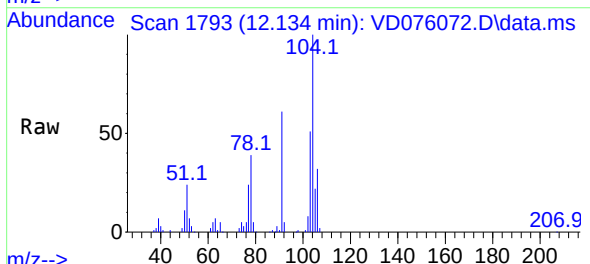
Instrument :
MSVOA_D
ClientSampleId :
VSTD005147

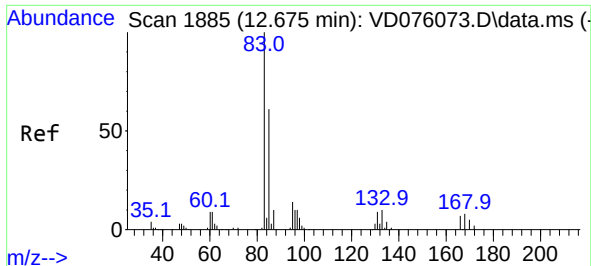
Tgt Ion:106 Resp: 39070
Ion Ratio Lower Upper
106 100
91 201.0 139.8 259.6



#55
Styrene
Concen: 4.581 ug/L
RT: 12.134 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VD076072.D
Acq: 11 May 2023 11:04

Tgt Ion:104 Resp: 67293
Ion Ratio Lower Upper
104 100
78 38.9 26.2 48.6

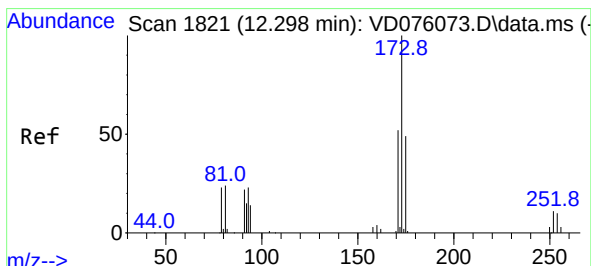
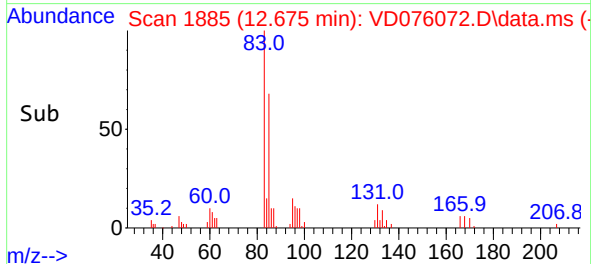
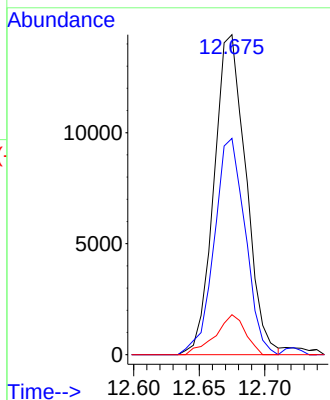
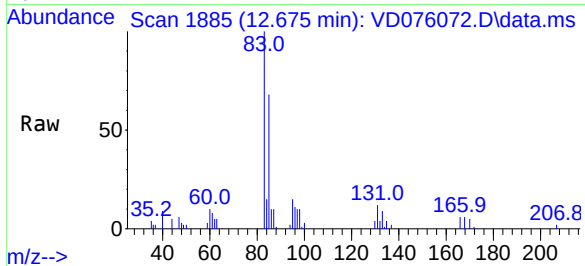




#57
1,1,2,2-Tetrachloroethane
Concen: 5.218 ug/L
RT: 12.675 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VD076072.D
Acq: 11 May 2023 11:04

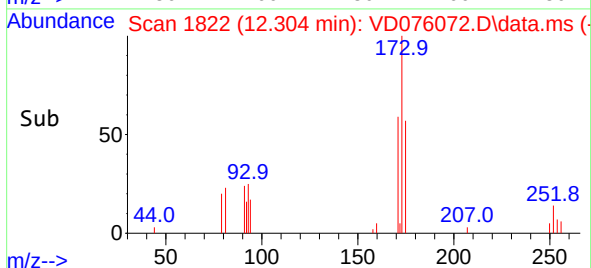
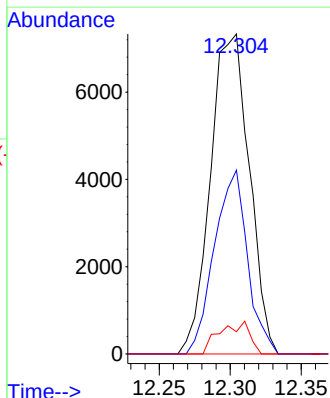
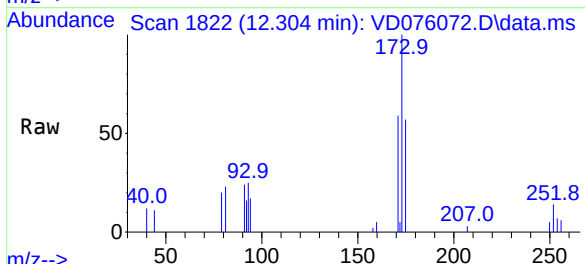
Instrument :
MSVOA_D
ClientSampleId :
VSTD005147

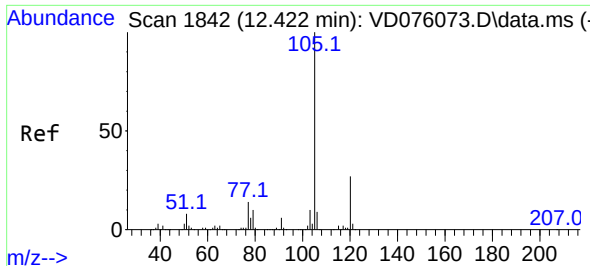
Tgt Ion: 83 Resp: 24358
Ion Ratio Lower Upper
83 100
85 67.6 45.1 83.7
131 12.5 7.0 10.6#



#59
Bromoform
Concen: 5.521 ug/L
RT: 12.304 min Scan# 1822
Delta R.T. 0.006 min
Lab File: VD076072.D
Acq: 11 May 2023 11:04

Tgt Ion:173 Resp: 13946
Ion Ratio Lower Upper
173 100
175 48.9 39.4 59.0
254 7.8 7.4 11.2

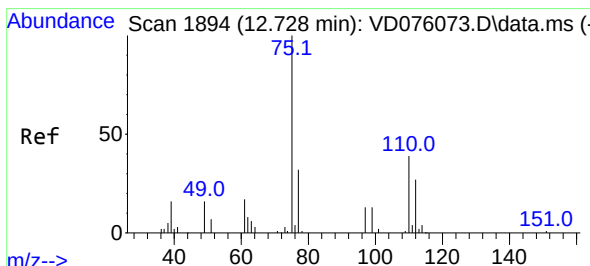
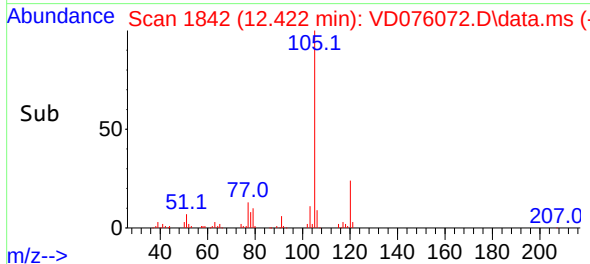
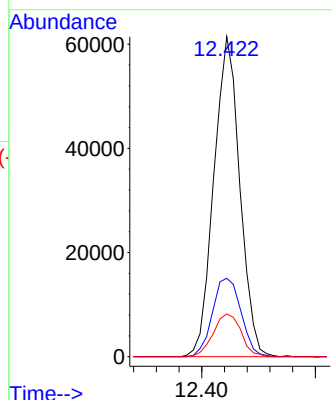
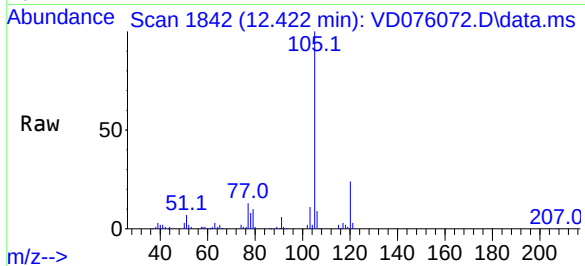




#60
Isopropylbenzene
Concen: 4.936 ug/L
RT: 12.422 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VD076072.D
Acq: 11 May 2023 11:04

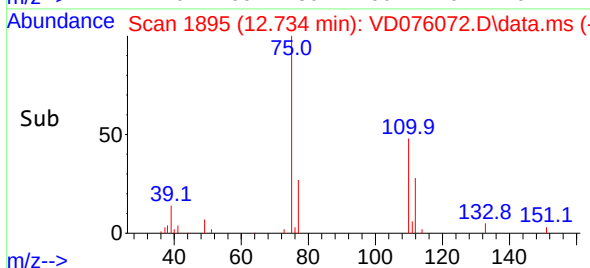
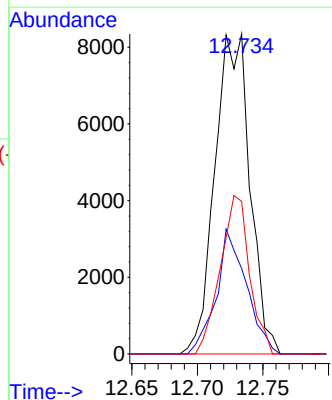
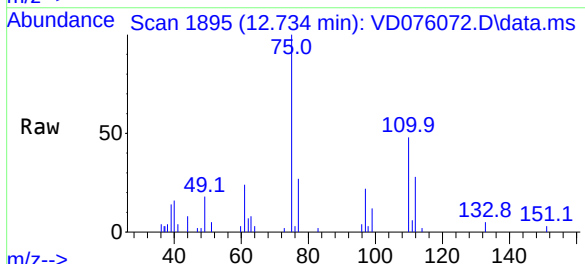
Instrument :
MSVOA_D
ClientSampleId :
VSTD005147

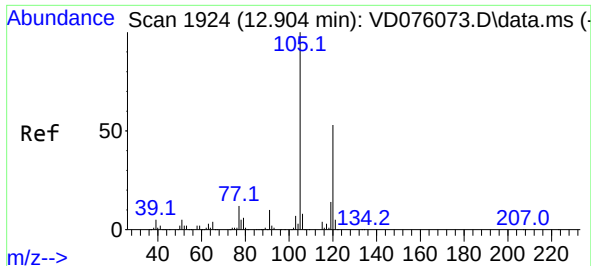
Tgt Ion:	105	Resp:	97413
Ion	Ratio	Lower	Upper
105	100		
120	27.0	22.7	34.1
77	14.3	10.9	16.3



#61
1,2,3-Trichloropropane
Concen: 5.541 ug/L
RT: 12.734 min Scan# 1895
Delta R.T. 0.006 min
Lab File: VD076072.D
Acq: 11 May 2023 11:04

Tgt Ion:	75	Resp:	15492
Ion	Ratio	Lower	Upper
75	100		
77	33.6	26.6	39.8
110	41.5	33.5	50.3

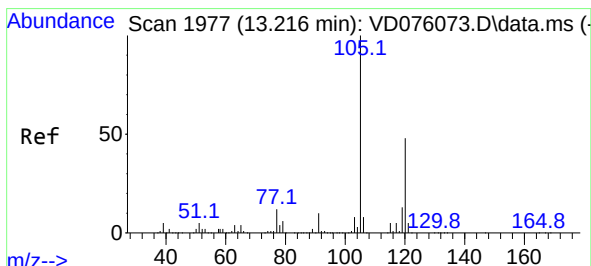
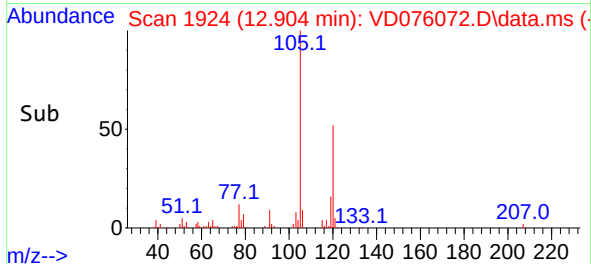
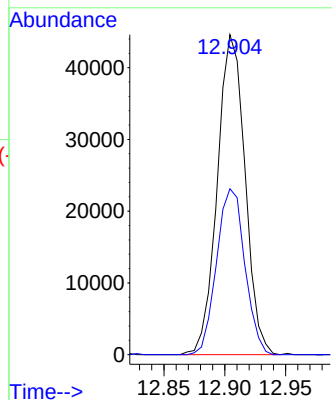
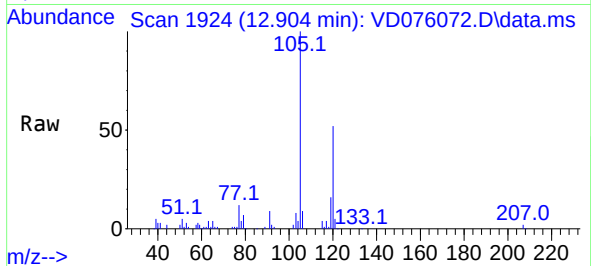




#62
1,3,5-Trimethylbenzene
Concen: 4.668 ug/L
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD076072.D
Acq: 11 May 2023 11:04

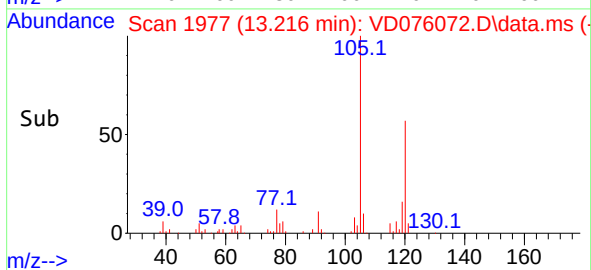
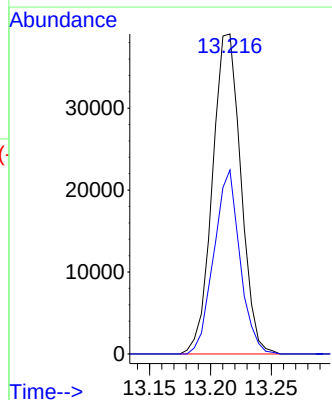
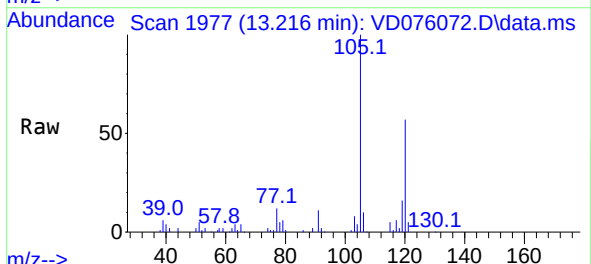
Instrument :
MSVOA_D
ClientSampleId :
VSTD005147

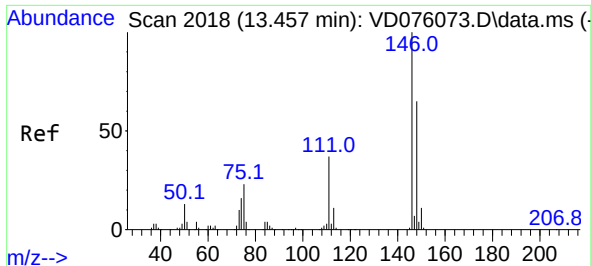
Tgt Ion:105 Resp: 70687
Ion Ratio Lower Upper
105 100
120 52.8 42.0 63.0



#63
1,2,4-Trimethylbenzene
Concen: 4.384 ug/L
RT: 13.216 min Scan# 1977
Delta R.T. 0.000 min
Lab File: VD076072.D
Acq: 11 May 2023 11:04

Tgt Ion:105 Resp: 63495
Ion Ratio Lower Upper
105 100
120 52.7 39.0 58.6

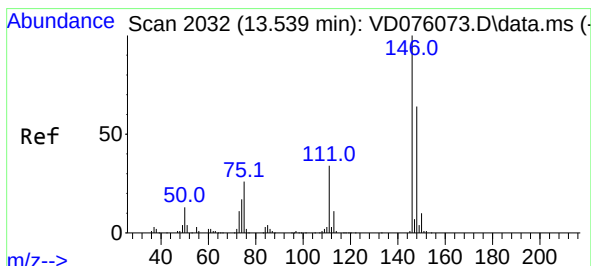
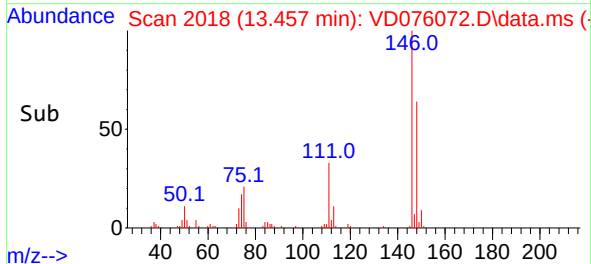
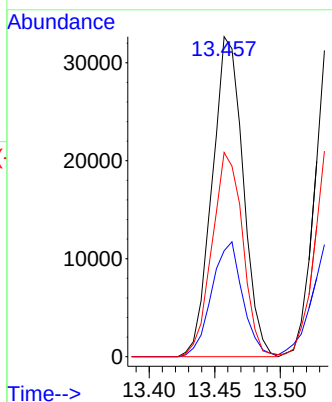
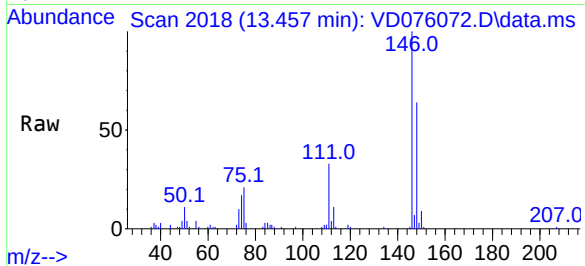




#64
1,3-Dichlorobenzene
Concen: 5.234 ug/L
RT: 13.457 min Scan# 2018
Delta R.T. 0.000 min
Lab File: VD076072.D
Acq: 11 May 2023 11:04

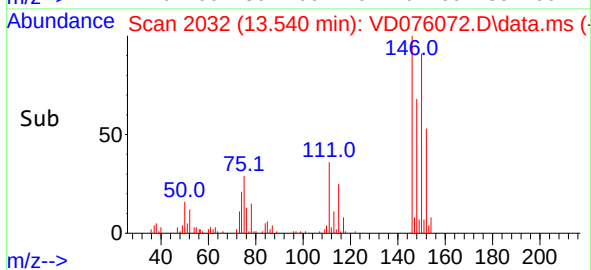
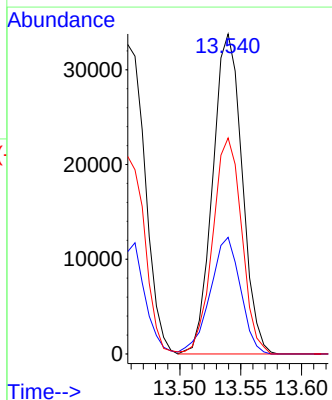
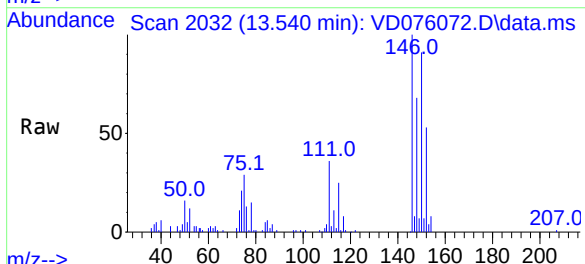
Instrument :
MSVOA_D
ClientSampleId :
VSTD005147

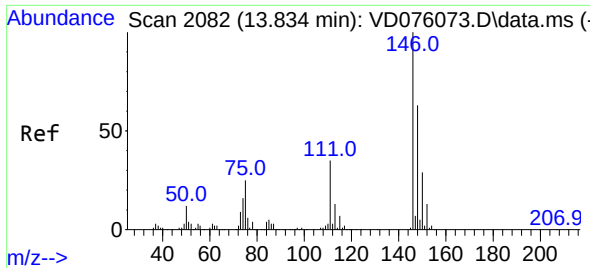
Tgt Ion:146 Resp: 53635
Ion Ratio Lower Upper
146 100
111 33.1 26.5 49.1
148 63.8 43.8 81.3



#65
1,4-Dichlorobenzene
Concen: 5.322 ug/L
RT: 13.540 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VD076072.D
Acq: 11 May 2023 11:04

Tgt Ion:146 Resp: 56735
Ion Ratio Lower Upper
146 100
111 36.4 24.6 45.8
148 67.5 44.4 82.4





#67

1,2-Dichlorobenzene

Concen: 5.078 ug/L

RT: 13.834 min Scan# 2082

Delta R.T. 0.000 min

Lab File: VD076072.D

Acq: 11 May 2023 11:04

Instrument :

MSVOA_D

ClientSampleId :

VSTD005147

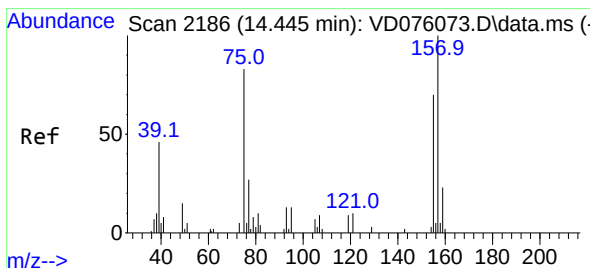
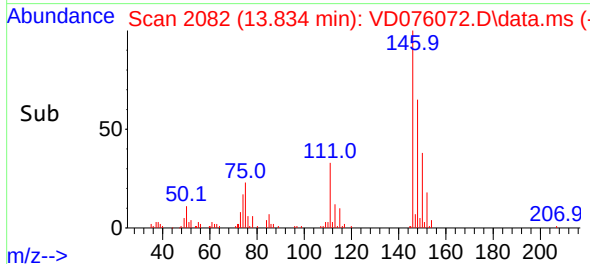
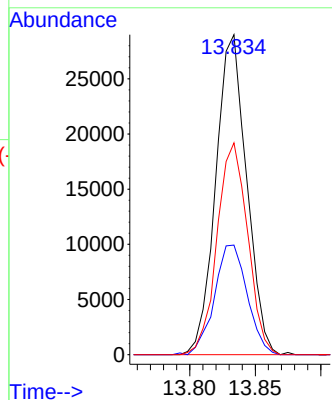
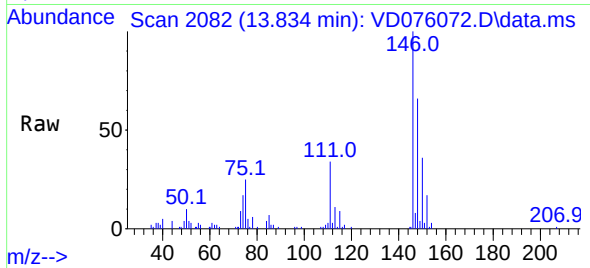
Tgt Ion:146 Resp: 47459

Ion Ratio Lower Upper

146 100

111 34.2 30.6 46.0

148 66.2 51.4 77.0



#68

1,2-Dibromo-3-chloropropane

Concen: 5.183 ug/L

RT: 14.445 min Scan# 2186

Delta R.T. 0.000 min

Lab File: VD076072.D

Acq: 11 May 2023 11:04

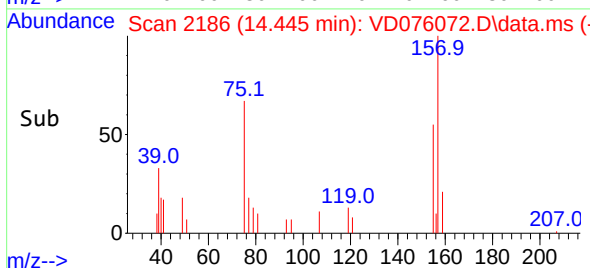
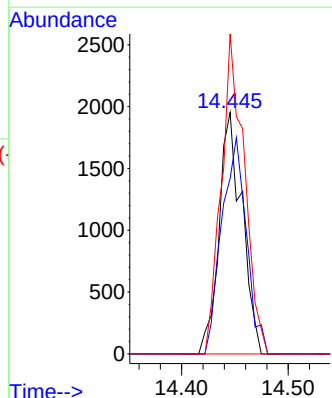
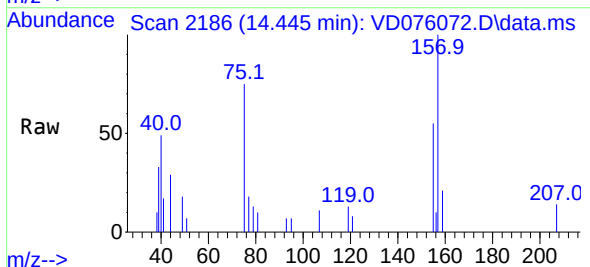
Tgt Ion: 75 Resp: 2907

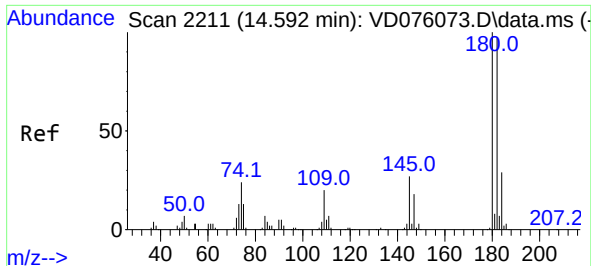
Ion Ratio Lower Upper

75 100

155 72.6 74.6 111.8#

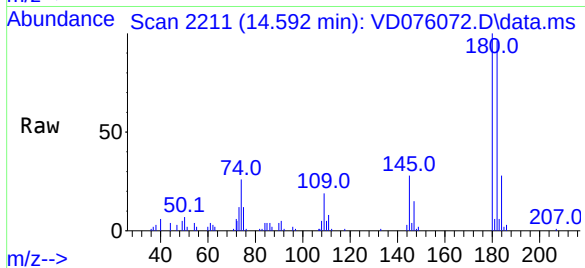
157 132.5 109.4 164.2





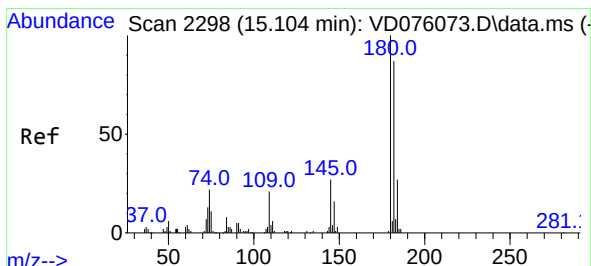
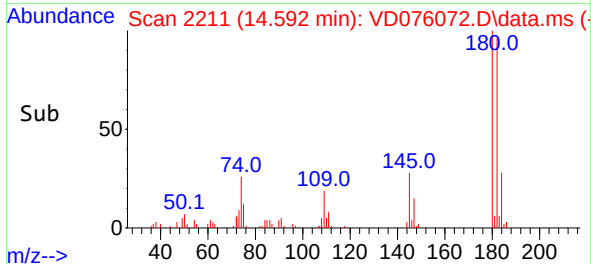
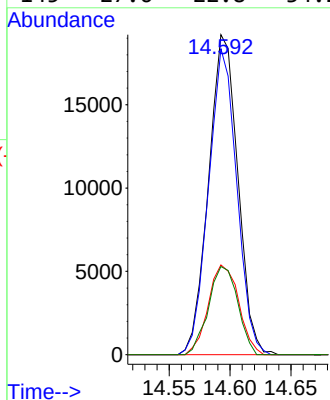
#69
 1,3,5-Trichlorobenzene
 Concen: 4.922 ug/L
 RT: 14.592 min Scan# 211
 Delta R.T. 0.000 min
 Lab File: VD076072.D
 Acq: 11 May 2023 11:04

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD005147



Tgt Ion:180 Resp: 32050

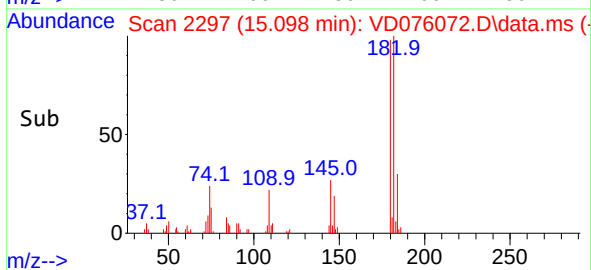
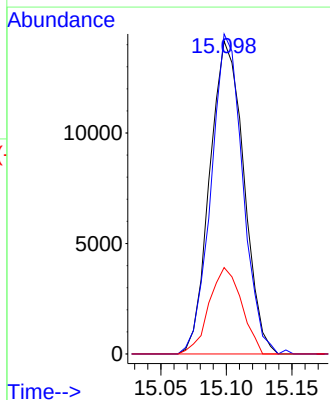
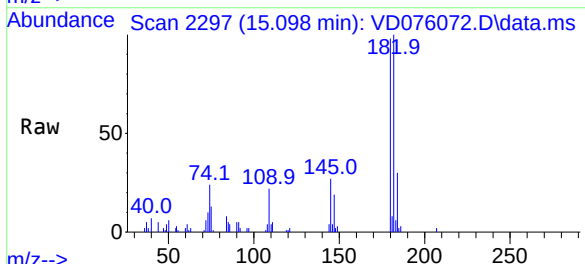
Ion	Ratio	Lower	Upper
180	100		
182	92.2	74.9	112.3
184	29.2	25.0	37.4
145	27.6	22.8	34.2

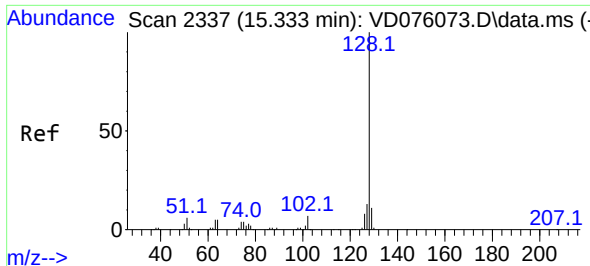


#70
 1,2,4-trichlorobenzene
 Concen: 4.958 ug/L
 RT: 15.098 min Scan# 2297
 Delta R.T. -0.006 min
 Lab File: VD076072.D
 Acq: 11 May 2023 11:04

Tgt Ion:180 Resp: 25552

Ion	Ratio	Lower	Upper
180	100		
182	95.0	75.4	113.2
145	26.4	23.6	35.4

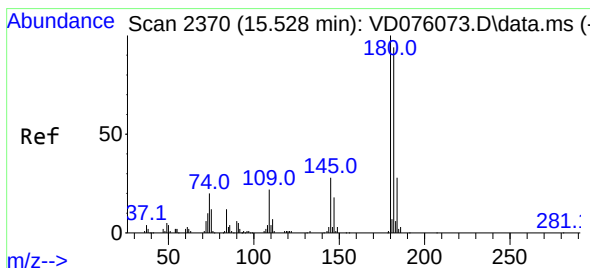
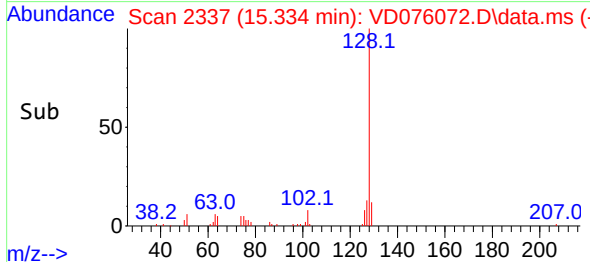
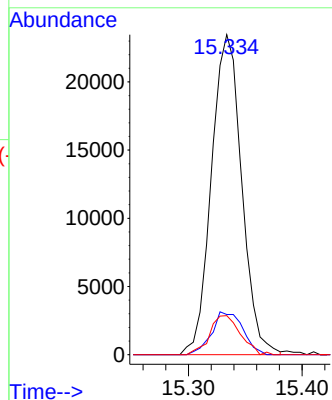
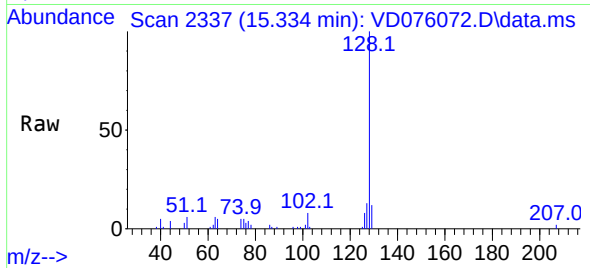




#71
Naphthalene
Concen: 4.488 ug/L
RT: 15.334 min Scan# 2137
Delta R.T. 0.000 min
Lab File: VD076072.D
Acq: 11 May 2023 11:04

Instrument :
MSVOA_D
ClientSampleId :
VSTD005147

Tgt Ion:	128	Resp:	43457
Ion	Ratio	Lower	Upper
128	100		
127	13.8	10.5	15.7
129	12.2	9.1	13.7



#72
1,2,3-Trichlorobenzene
Concen: 5.010 ug/L
RT: 15.522 min Scan# 2369
Delta R.T. -0.006 min
Lab File: VD076072.D
Acq: 11 May 2023 11:04

Tgt Ion:	180	Resp:	23477
Ion	Ratio	Lower	Upper
180	100		
182	92.0	76.3	114.5
145	27.8	25.0	37.6

