

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD071723\
 Data File : VD076759.D
 Acq On : 17 Jul 2023 17:23
 Operator : KP/SY
 Sample : 03638-11
 Misc : 4.67G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP2

Quant Time: Jul 18 01:24:12 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071423S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 17 08:07:52 2023
 Response via : Initial Calibration

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

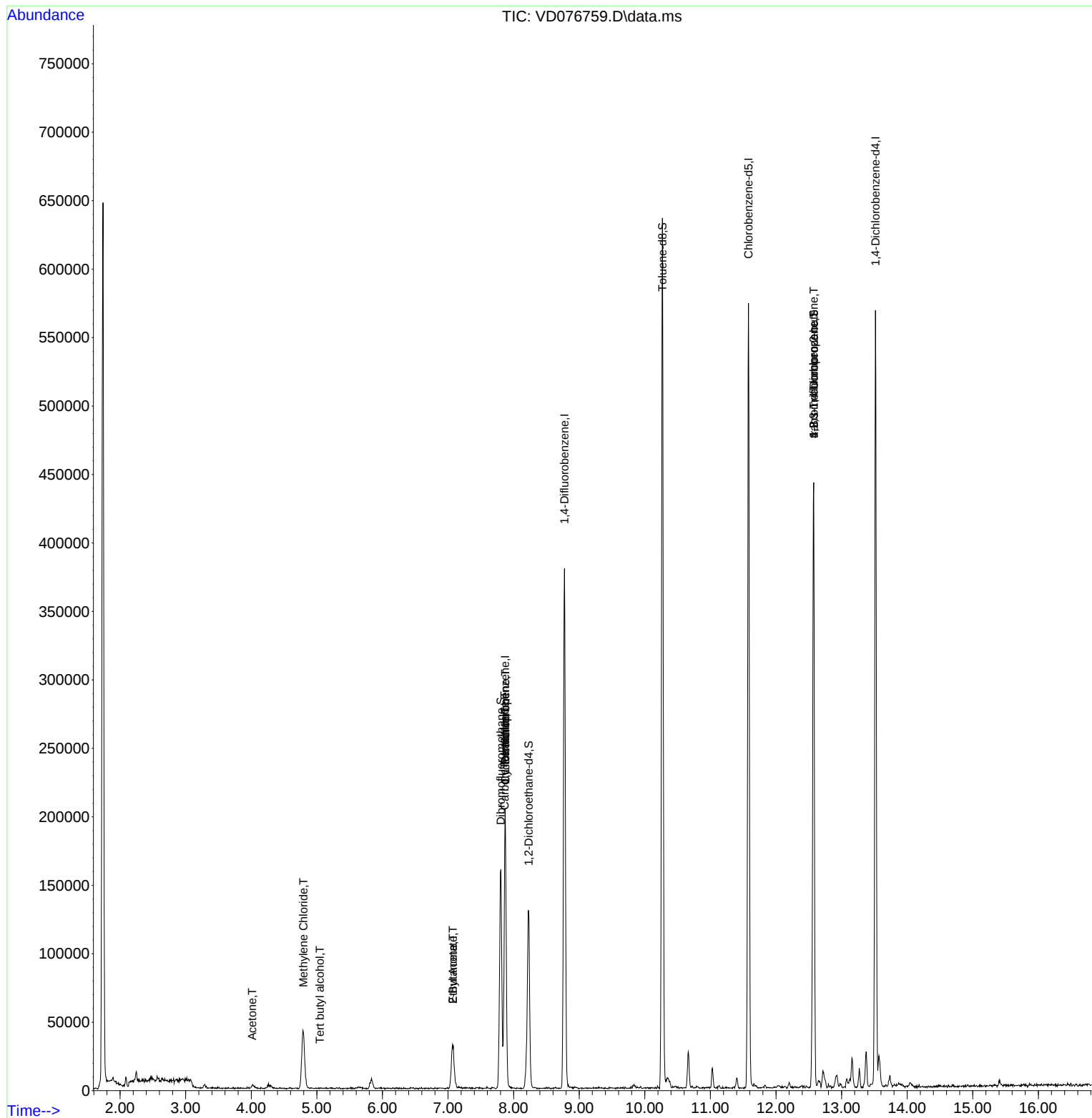
Internal Standards						
1) Pentafluorobenzene	7.869	168	150640	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.775	114	354653	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	339099	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	152731	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	97531	65.002	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 130.000%	
35) Dibromofluoromethane	7.805	113	117488	52.717	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 105.440%	
50) Toluene-d8	10.269	98	446748	56.034	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 112.060%	
62) 4-Bromofluorobenzene	12.575	95	136369	52.873	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 105.740%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.046	59	194	1.733	ug/l	# 73
16) Acetone	4.016	43	4773	13.320	ug/l	# 86
20) Methylene Chloride	4.793	84	35744	8.126	ug/l	96
25) 2-Butanone	7.075	43	1569	3.272	ug/l	# 37
31) Cyclohexane	7.875	56	3051	1.382	ug/l	# 12
36) 1,1-Dichloropropene	7.875	75	12679	4.354	ug/l	# 46
37) Ethyl Acetate	7.075	43	1569	1.205	ug/l	# 10
38) Carbon Tetrachloride	7.863	117	15481	5.552	ug/l	# 19
76) 1,2,3-Trichloropropane	12.575	75	71007	48.888	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.575	75	71007	104.045	ug/l	# 18

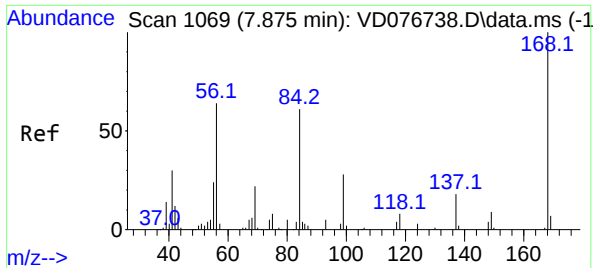
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : VD076759.D
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Quant Time: Jul 18 01:24:12 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071423S.M
Quant Title : SW846 8260
QLast Update : Mon Jul 17 08:07:52 2023
Response via : Initial Calibration

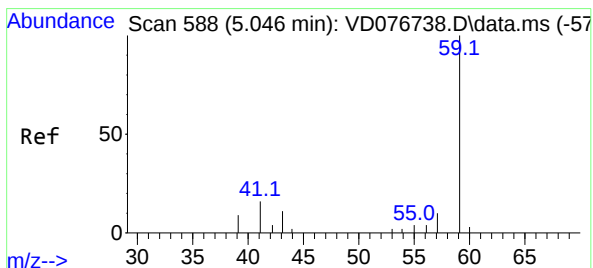
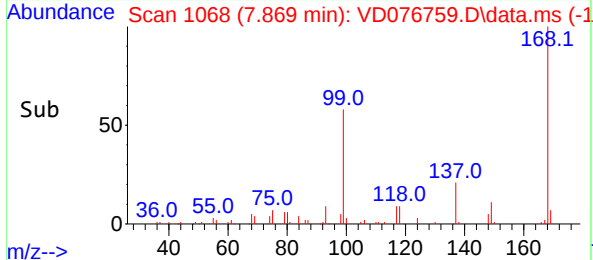
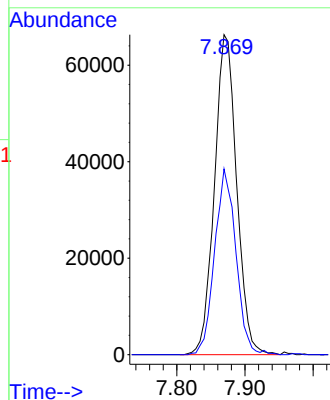
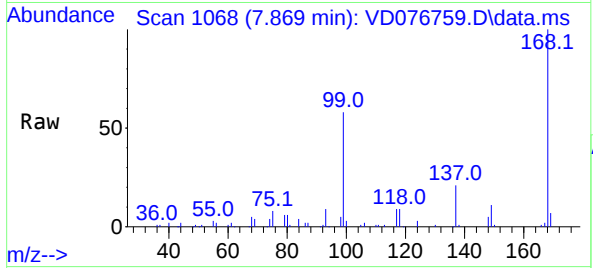




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.869 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD076759.D
Acq: 17 Jul 2023 17:23

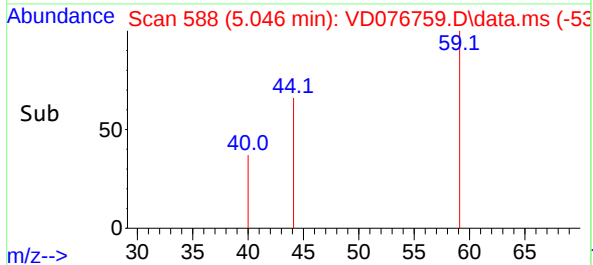
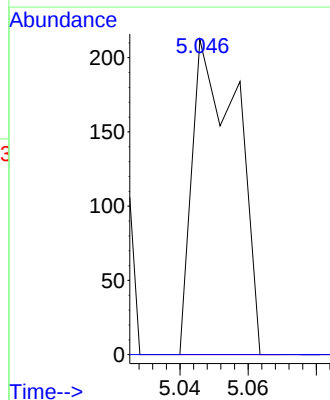
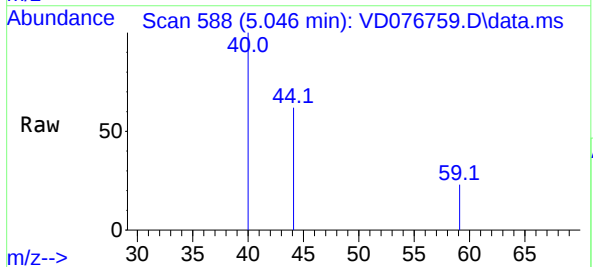
Instrument :
MSVOA_D
ClientSampleId :
TP2

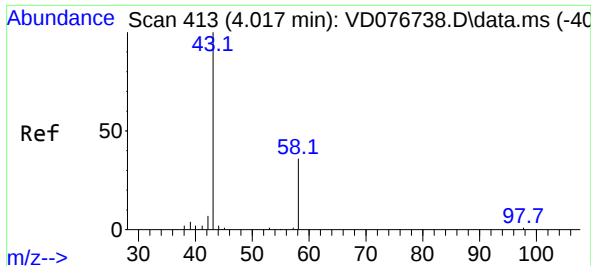
Tgt Ion:168 Resp: 150640
Ion Ratio Lower Upper
168 100
99 58.0 36.7 55.1#



#11
Tert butyl alcohol
Concen: 1.733 ug/l
RT: 5.046 min Scan# 588
Delta R.T. -0.000 min
Lab File: VD076759.D
Acq: 17 Jul 2023 17:23

Tgt Ion: 59 Resp: 194
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

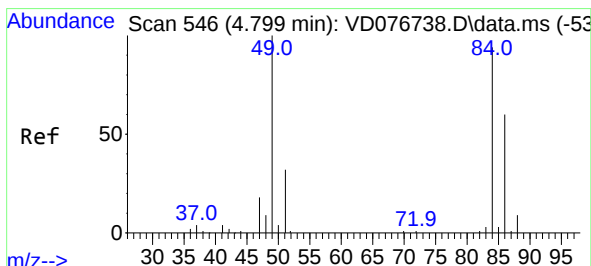
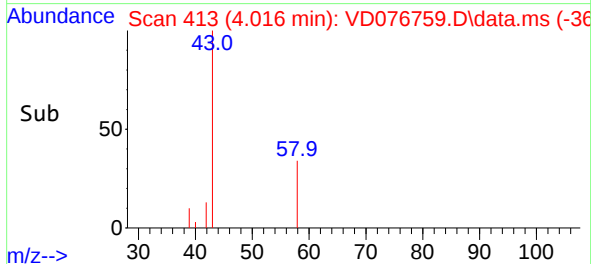
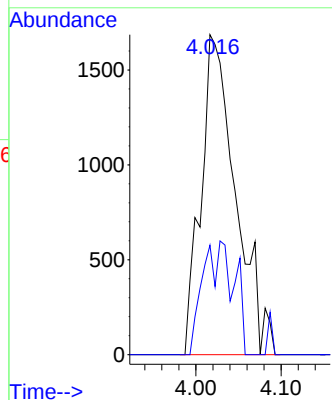
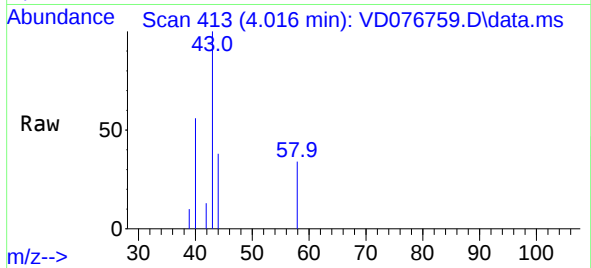




#16
Acetone
Concen: 13.320 ug/l
RT: 4.016 min Scan# 413
Delta R.T. -0.001 min
Lab File: VD076759.D
Acq: 17 Jul 2023 17:23

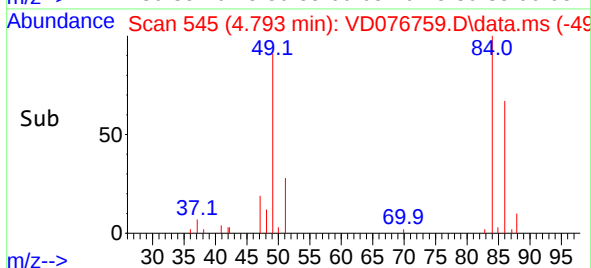
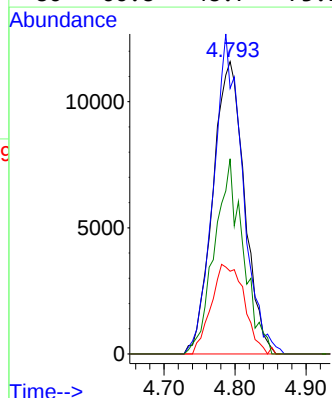
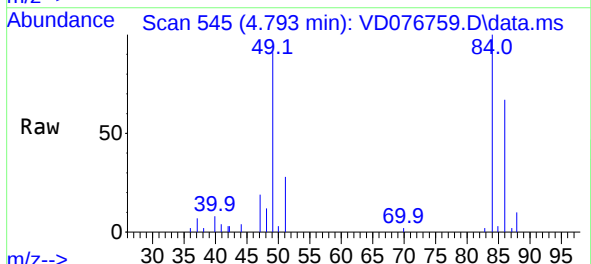
Instrument :
MSVOA_D
ClientSampleId :
TP2

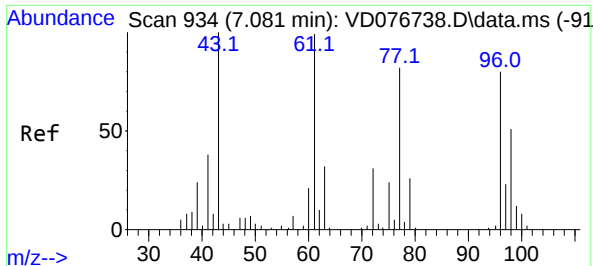
Tgt Ion: 43 Resp: 4773
Ion Ratio Lower Upper
43 100
58 34.2 34.7 52.1#



#20
Methylene Chloride
Concen: 8.126 ug/l
RT: 4.793 min Scan# 545
Delta R.T. -0.006 min
Lab File: VD076759.D
Acq: 17 Jul 2023 17:23

Tgt Ion: 84 Resp: 35744
Ion Ratio Lower Upper
84 100
49 90.9 71.4 107.2
51 28.3 24.5 36.7
86 66.8 48.7 73.1

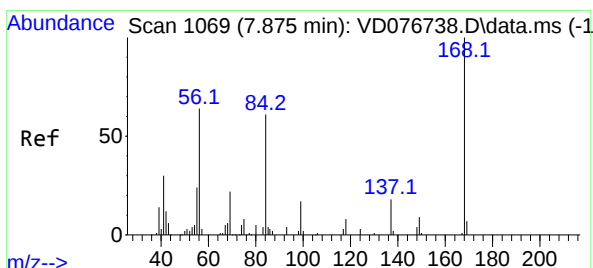
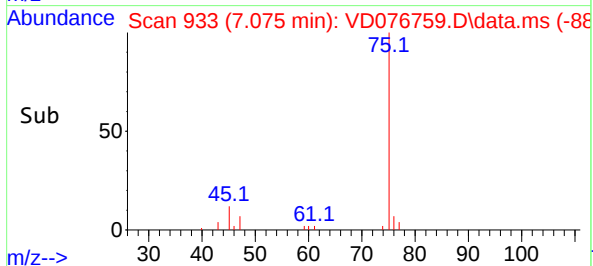
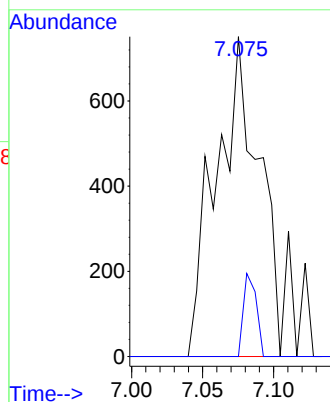
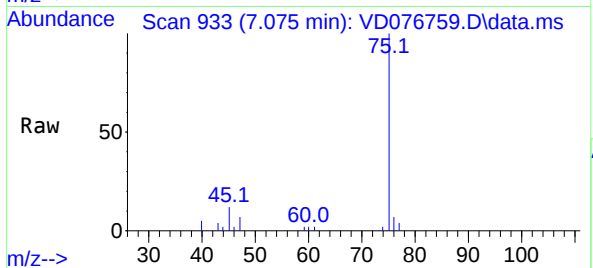




#25
2-Butanone
Concen: 3.272 ug/l
RT: 7.075 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD076759.D
Acq: 17 Jul 2023 17:23

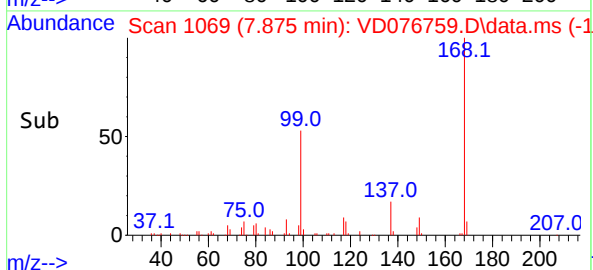
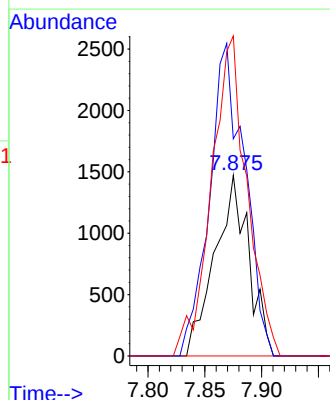
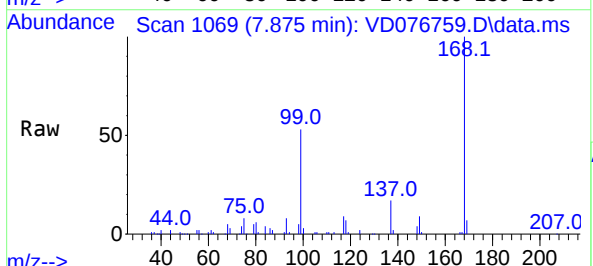
Instrument :
MSVOA_D
ClientSampleId :
TP2

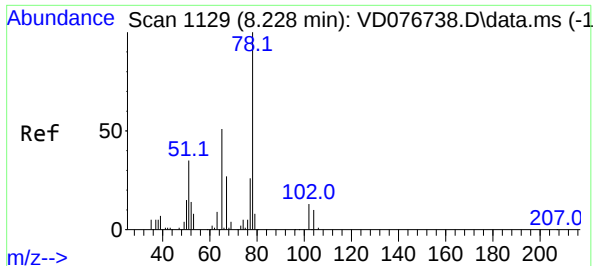
Tgt Ion: 43 Resp: 1569
Ion Ratio Lower Upper
43 100
72 0.0 30.7 46.1#



#31
Cyclohexane
Concen: 1.382 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD076759.D
Acq: 17 Jul 2023 17:23

Tgt Ion: 56 Resp: 3051
Ion Ratio Lower Upper
56 100
69 120.2 28.6 43.0#
84 177.1 84.8 127.2#

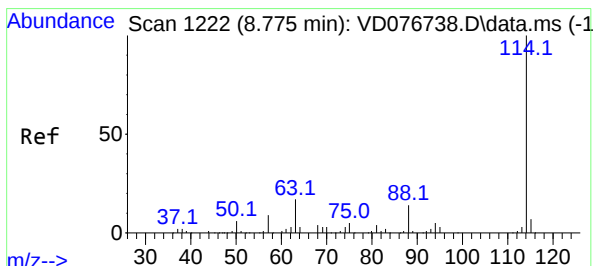
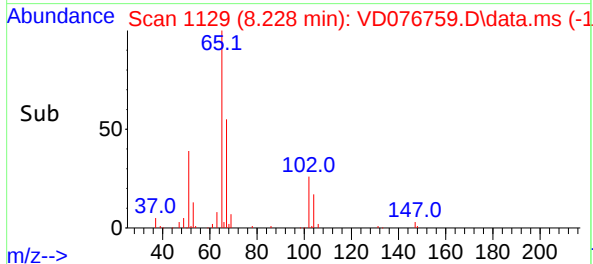
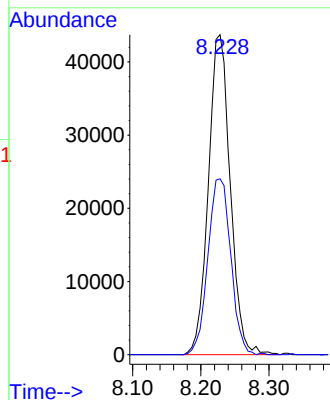
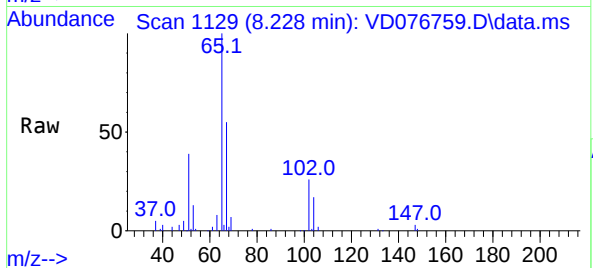




#33
1,2-Dichloroethane-d4
Concen: 65.002 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VD076759.D
Acq: 17 Jul 2023 17:23

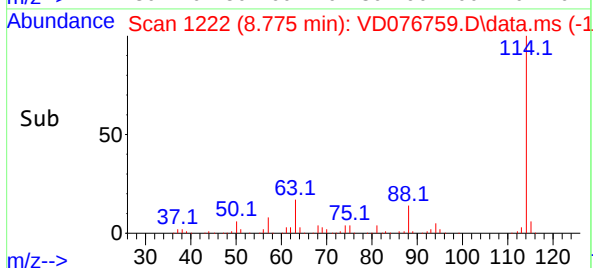
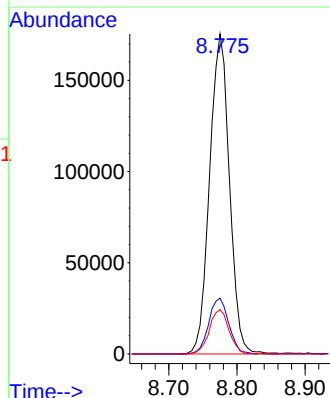
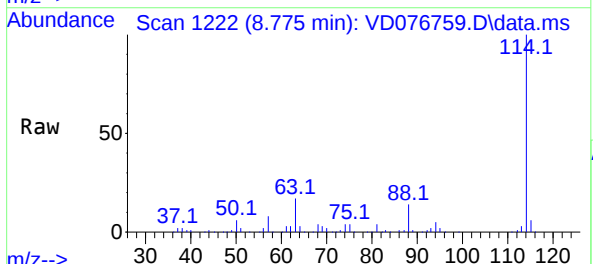
Instrument :
MSVOA_D
ClientSampleId :
TP2

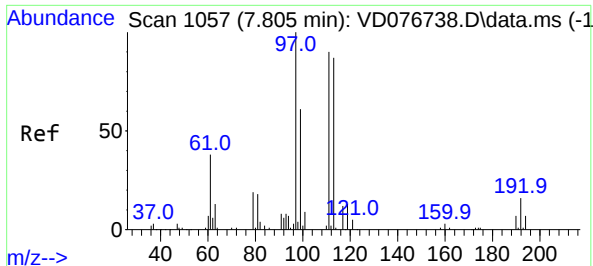
Tgt Ion: 65 Resp: 97531
Ion Ratio Lower Upper
65 100
67 57.6 0.0 115.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 1222
Delta R.T. -0.000 min
Lab File: VD076759.D
Acq: 17 Jul 2023 17:23

Tgt Ion:114 Resp: 354653
Ion Ratio Lower Upper
114 100
63 17.4 0.0 33.4
88 13.9 0.0 26.2

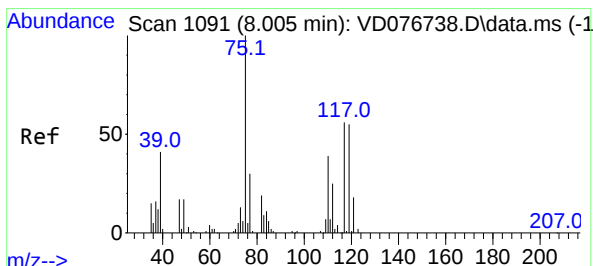
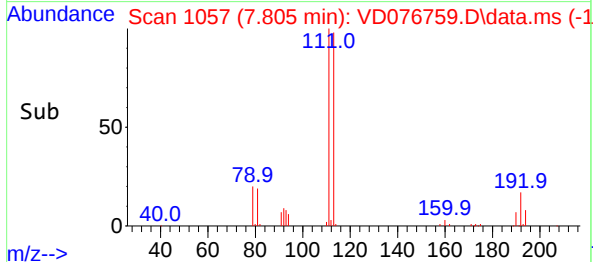
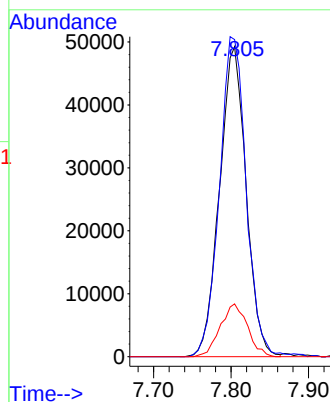
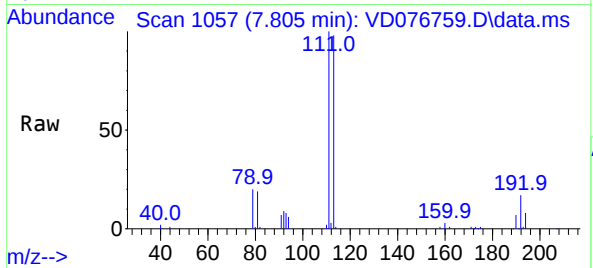




#35
Dibromofluoromethane
Concen: 52.717 ug/l
RT: 7.805 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VD076759.D
Acq: 17 Jul 2023 17:23

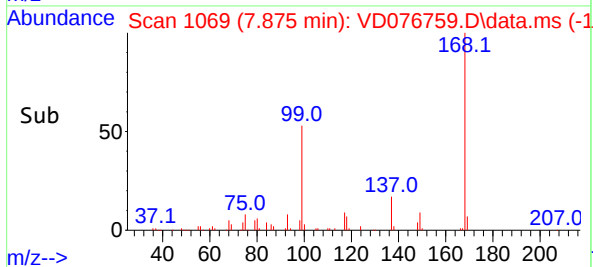
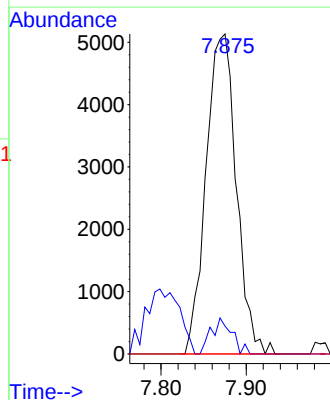
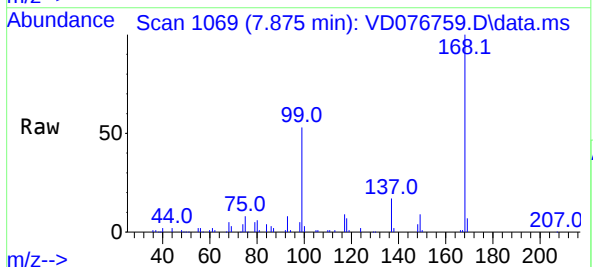
Instrument :
MSVOA_D
ClientSampleId :
TP2

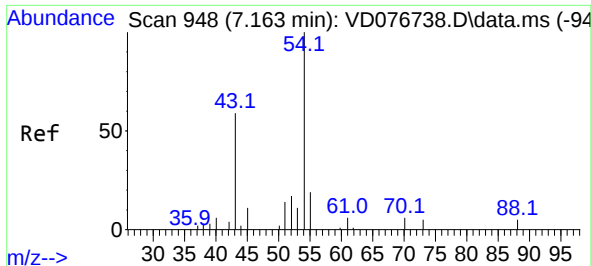
Tgt Ion:113 Resp: 117488
Ion Ratio Lower Upper
113 100
111 103.6 84.7 127.1
192 17.5 16.8 25.2



#36
1,1-Dichloropropene
Concen: 4.354 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.130 min
Lab File: VD076759.D
Acq: 17 Jul 2023 17:23

Tgt Ion: 75 Resp: 12679
Ion Ratio Lower Upper
75 100
110 7.8 19.9 59.6#
77 0.0 24.7 37.1#



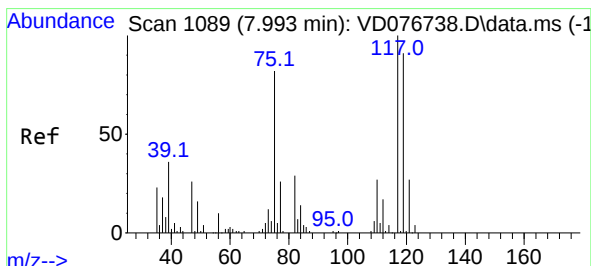
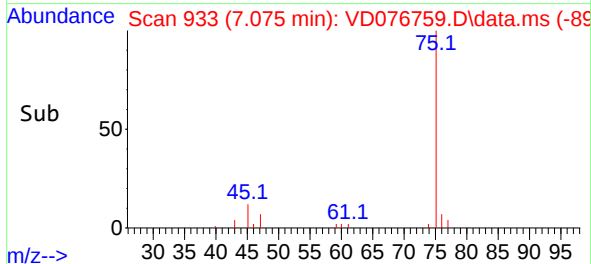
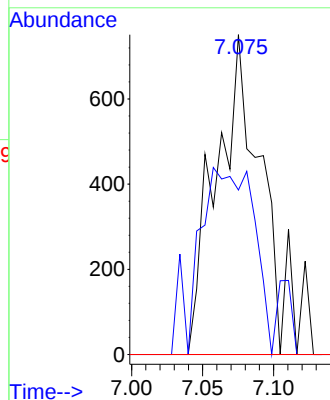
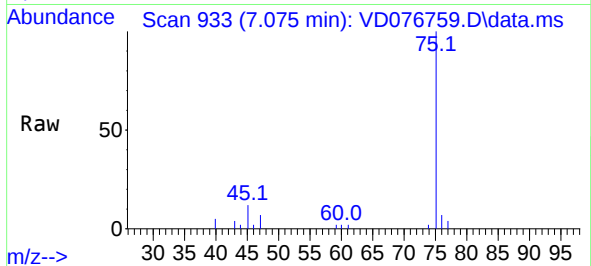


#37
Ethyl Acetate
Concen: 1.205 ug/l
RT: 7.075 min Scan# 91
Delta R.T. -0.088 min
Lab File: VD076759.D
Acq: 17 Jul 2023 17:23

Instrument :
MSVOA_D
ClientSampleId :
TP2

Tgt Ion: 43 Resp: 1569

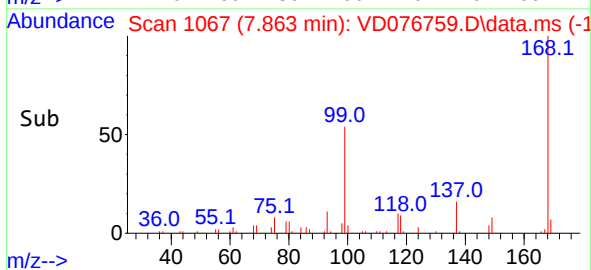
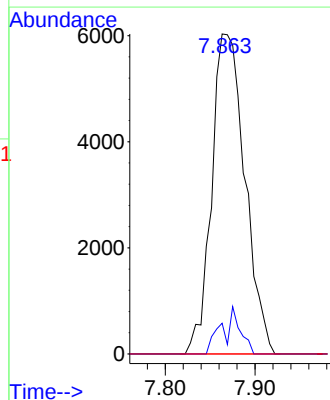
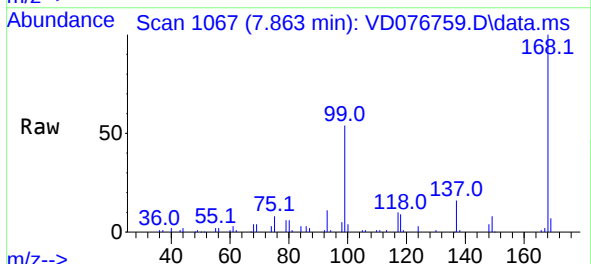
Ion	Ratio	Lower	Upper
43	100		
61	76.5	14.9	22.3#
70	0.0	10.0	15.0#

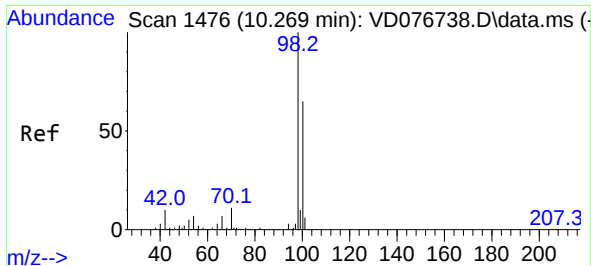


#38
Carbon Tetrachloride
Concen: 5.552 ug/l
RT: 7.863 min Scan# 1067
Delta R.T. -0.130 min
Lab File: VD076759.D
Acq: 17 Jul 2023 17:23

Tgt Ion: 117 Resp: 15481

Ion	Ratio	Lower	Upper
117	100		
119	9.6	78.0	117.0#
121	0.0	24.2	36.2#

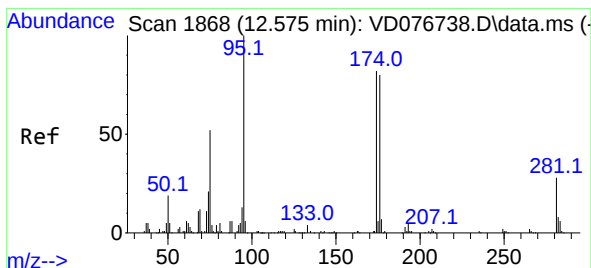
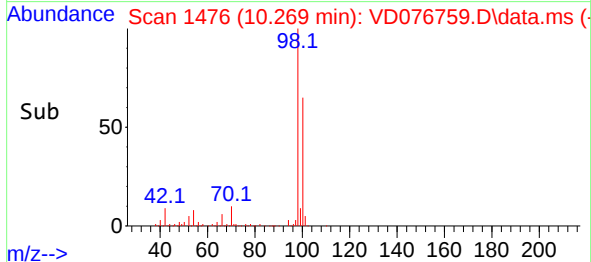
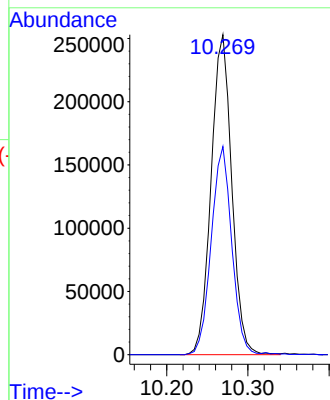
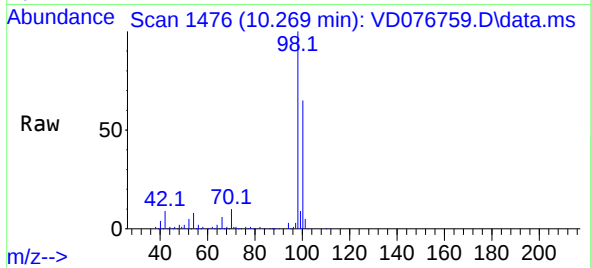




#50
Toluene-d8
Concen: 56.034 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD076759.D
Acq: 17 Jul 2023 17:23

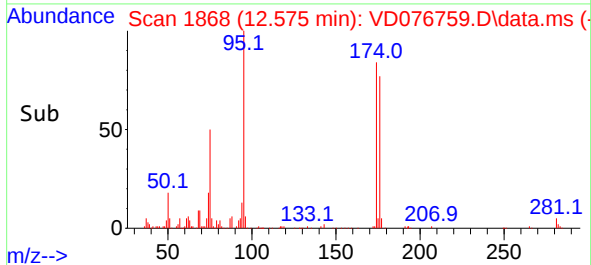
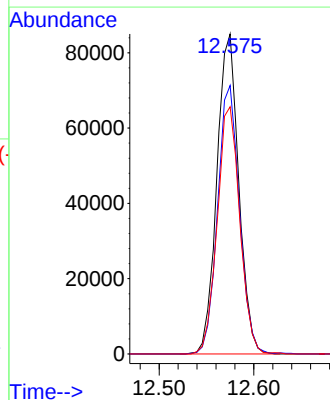
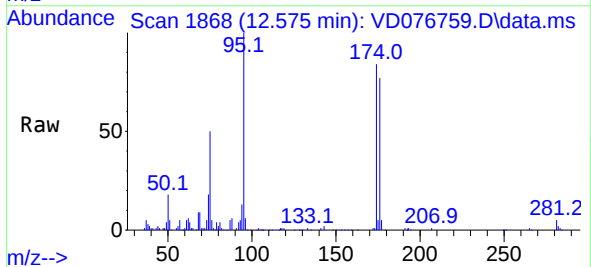
Instrument :
MSVOA_D
ClientSampleId :
TP2

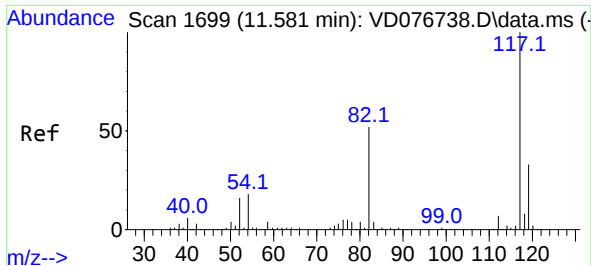
Tgt Ion: 98 Resp: 446748
Ion Ratio Lower Upper
98 100
100 64.4 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 52.873 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076759.D
Acq: 17 Jul 2023 17:23

Tgt Ion: 95 Resp: 136369
Ion Ratio Lower Upper
95 100
174 83.9 0.0 201.8
176 79.8 0.0 191.8

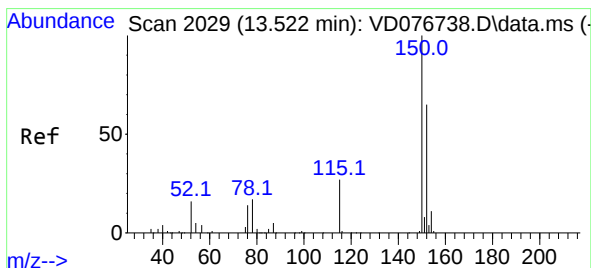
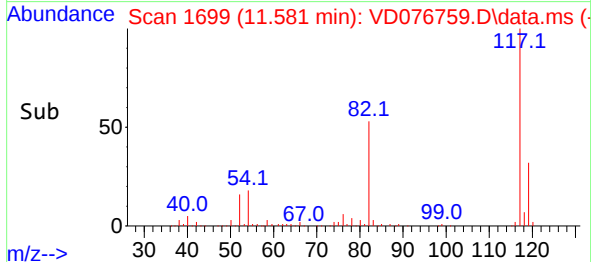
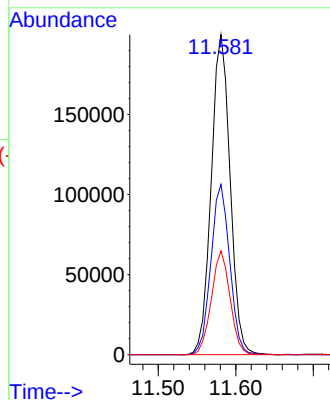
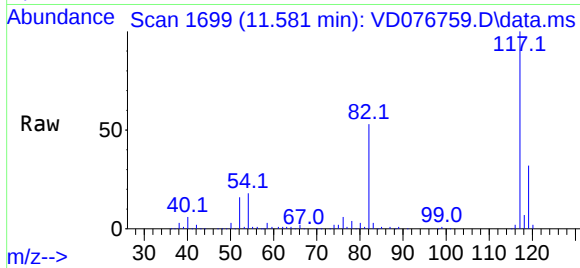




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD076759.D
Acq: 17 Jul 2023 17:23

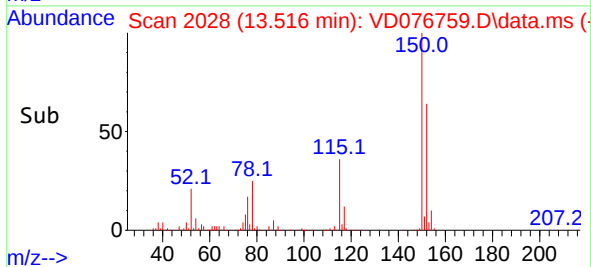
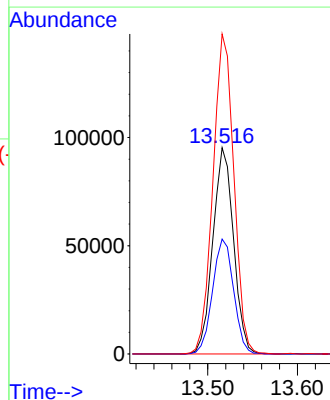
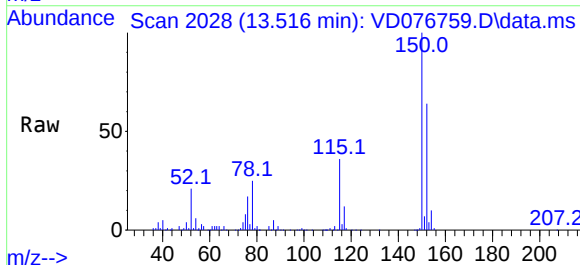
Instrument :
MSVOA_D
ClientSampleId :
TP2

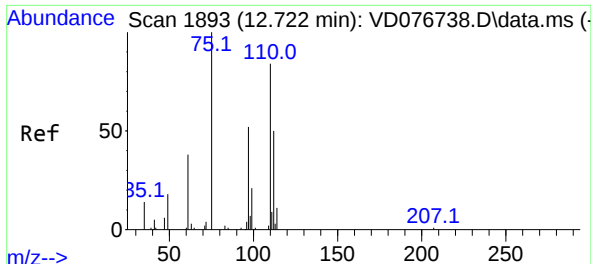
Tgt Ion:117 Resp: 339099
Ion Ratio Lower Upper
117 100
82 53.2 38.3 57.5
119 32.4 25.0 37.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.006 min
Lab File: VD076759.D
Acq: 17 Jul 2023 17:23

Tgt Ion:152 Resp: 152731
Ion Ratio Lower Upper
152 100
115 56.6 27.1 81.3
150 156.7 0.0 353.6

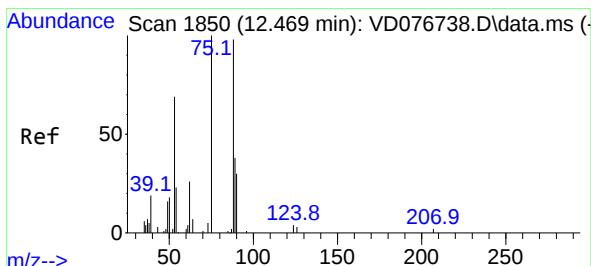
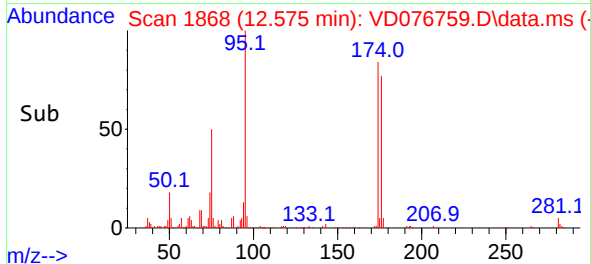
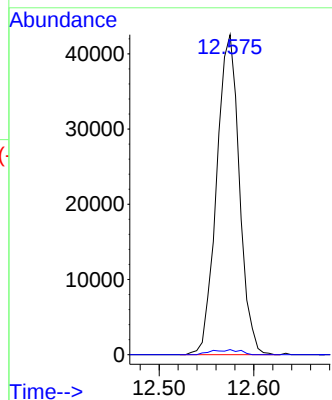
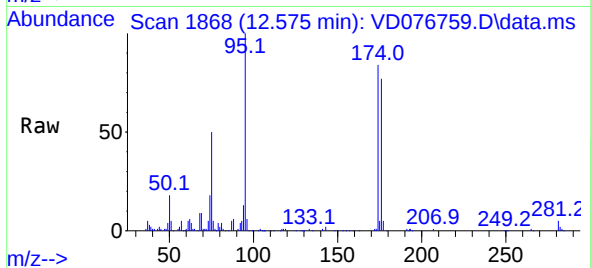




#76
1,2,3-Trichloropropane
Concen: 48.888 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.147 min
Lab File: VD076759.D
Acq: 17 Jul 2023 17:23

Instrument :
MSVOA_D
ClientSampleId :
TP2

Tgt Ion: 75 Resp: 71007
Ion Ratio Lower Upper
75 100
77 2.0 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 104.045 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.106 min
Lab File: VD076759.D
Acq: 17 Jul 2023 17:23

Tgt Ion: 75 Resp: 71007
Ion Ratio Lower Upper
75 100
53 1.3 63.0 94.4#
89 0.0 37.9 56.9#

