

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD082823\
 Data File : VD077044.D
 Acq On : 28 Aug 2023 16:32
 Operator : JC/SY
 Sample : 04183-03
 Misc : 5.02G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Aug 29 02:51:32 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D082823S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 29 02:15:23 2023
 Response via : Initial Calibration

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

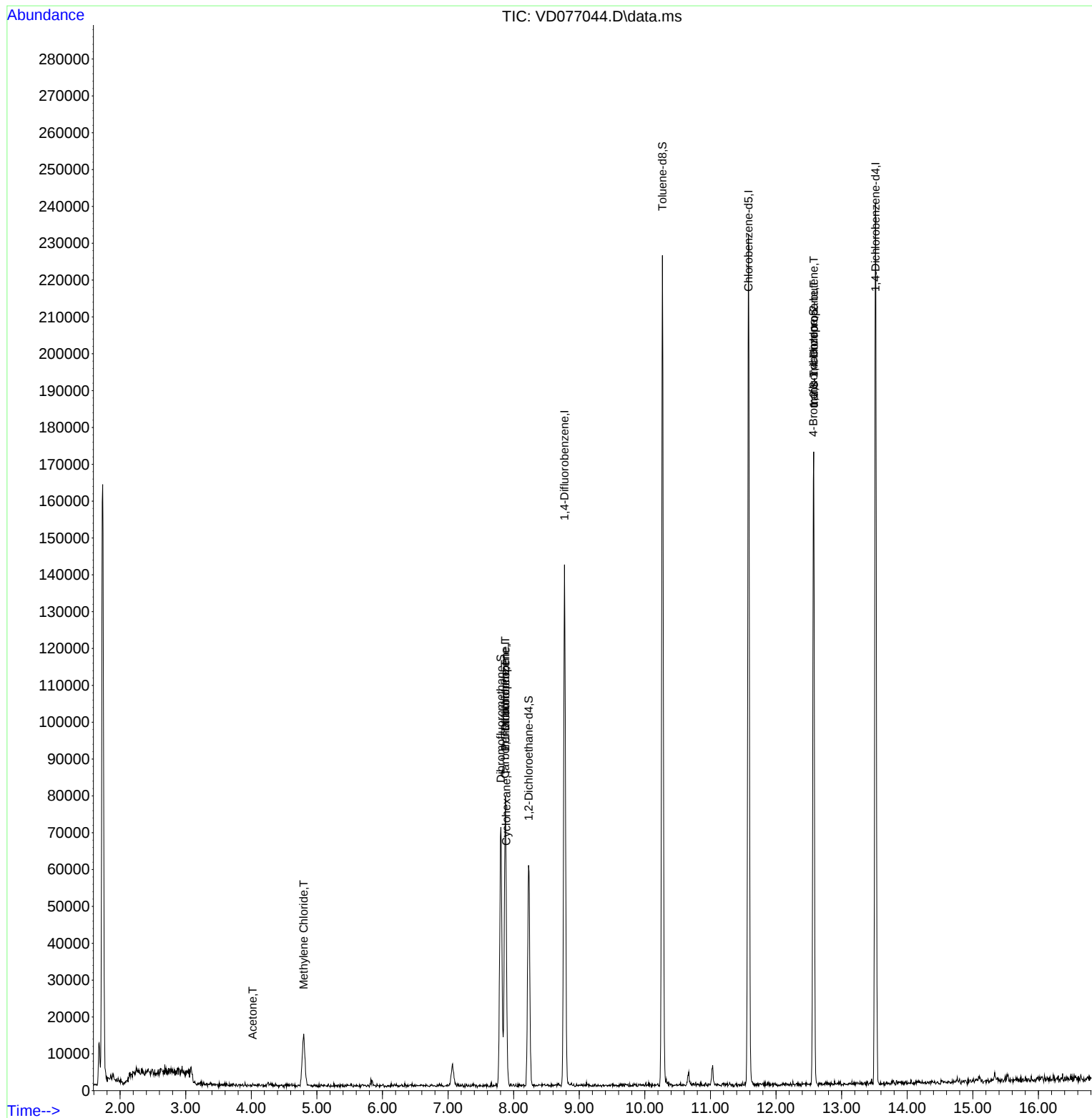
Internal Standards						
1) Pentafluorobenzene	7.875	168	60292	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	132750	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	139641	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	68464	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	47455	79.943	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	159.880%
35) Dibromofluoromethane	7.804	113	49926	56.295	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	112.600%
50) Toluene-d8	10.269	98	159348	49.666	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.340%
62) 4-Bromofluorobenzene	12.569	95	53221	56.262	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	112.520%
Target Compounds						
					Qvalue	
3) Chloromethane	2.140	50	322	Below Cal	#	42
16) Acetone	4.022	43	287	2.121	ug/l #	32
20) Methylene Chloride	4.799	84	11178	10.060	ug/l #	88
31) Cyclohexane	7.887	56	1686	1.778	ug/l #	85
36) 1,1-Dichloropropene	7.875	75	4478	3.544	ug/l #	43
38) Carbon Tetrachloride	7.869	117	6282	4.918	ug/l #	11
76) 1,2,3-Trichloropropane	12.575	75	26392	39.967	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	26392	92.794	ug/l #	17

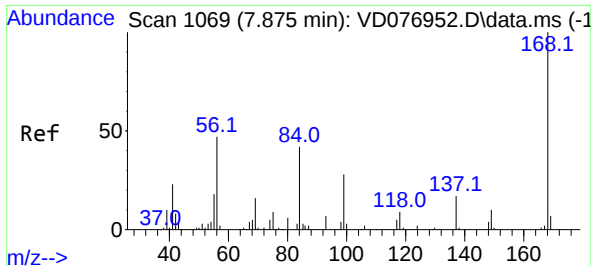
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Aug 29 02:15:23 2023
Response via : Initial Calibration

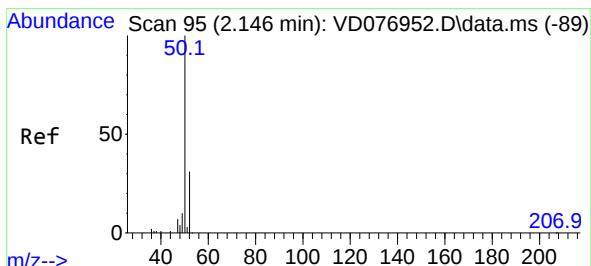
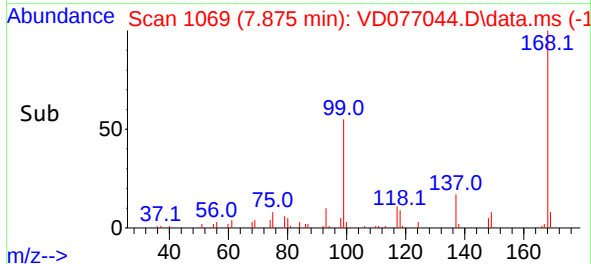
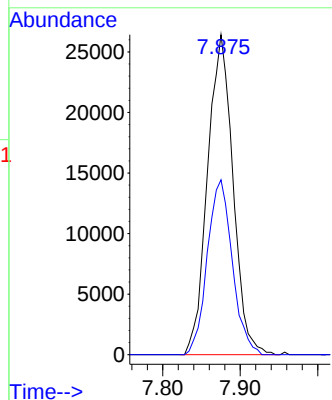
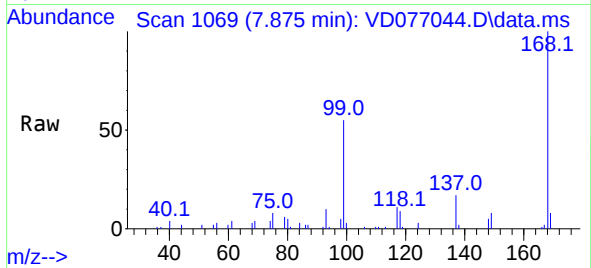




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 10
Delta R.T. 0.000 min
Lab File: VD077044.D
Acq: 28 Aug 2023 16:32

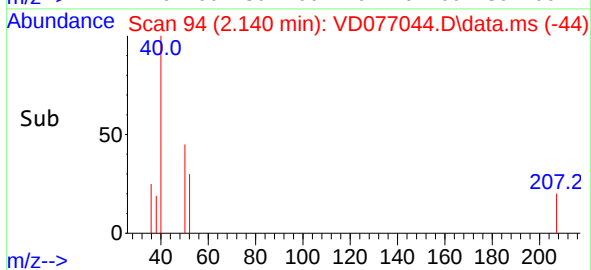
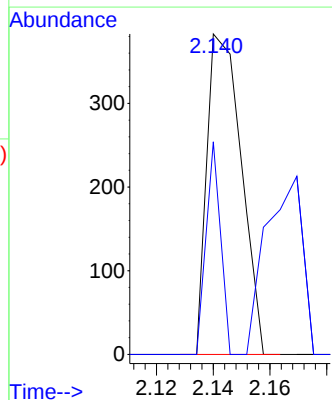
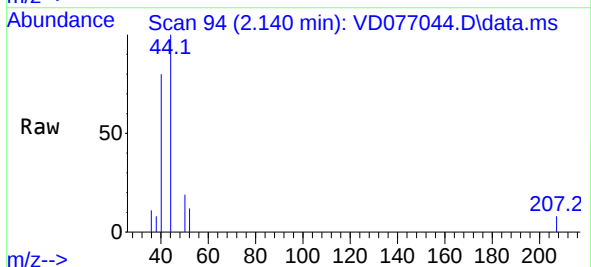
Instrument :
MSVOA_D
ClientSampleId :

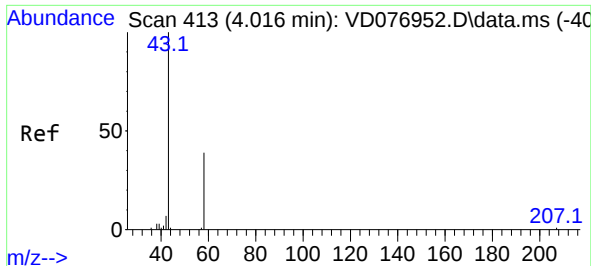
Tgt Ion:168 Resp: 60292
Ion Ratio Lower Upper
168 100
99 54.7 36.7 55.1



#3
Chloromethane
Concen: Below Cal
RT: 2.140 min Scan# 94
Delta R.T. -0.006 min
Lab File: VD077044.D
Acq: 28 Aug 2023 16:32

Tgt Ion: 50 Resp: 322
Ion Ratio Lower Upper
50 100
52 66.3 26.6 40.0#

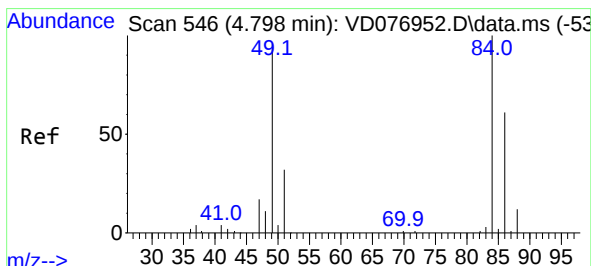
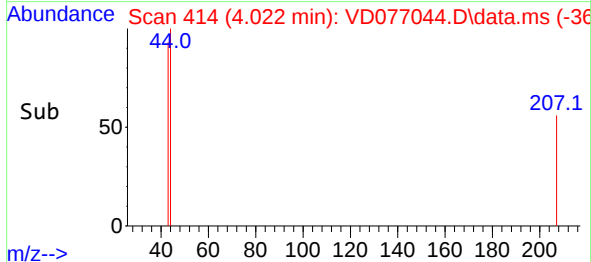
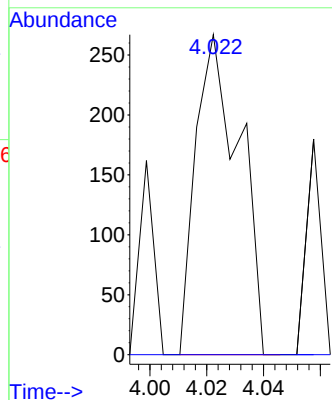
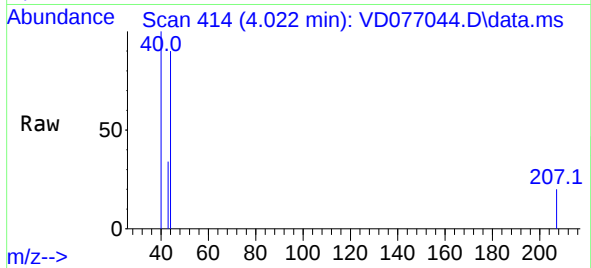




#16
Acetone
Concen: 2.121 ug/l
RT: 4.022 min Scan# 413
Delta R.T. 0.006 min
Lab File: VD077044.D
Acq: 28 Aug 2023 16:32

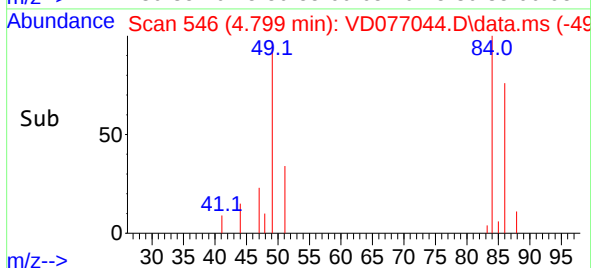
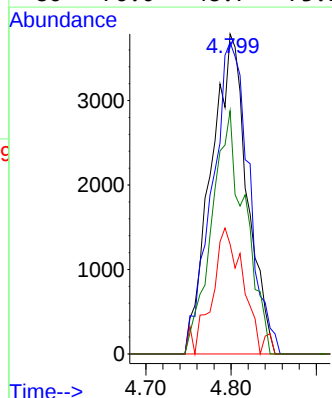
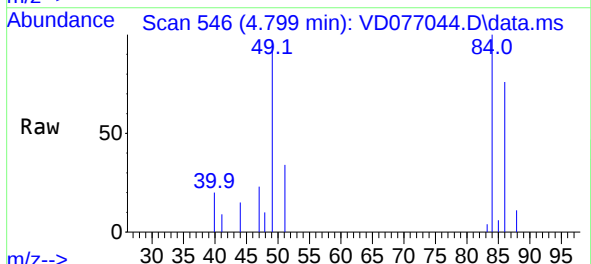
Instrument :
MSVOA_D
ClientSampleId :

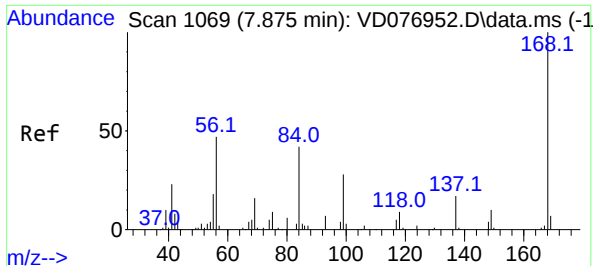
Tgt Ion: 43 Resp: 287
Ion Ratio Lower Upper
43 100
58 0.0 34.7 52.1#



#20
Methylene Chloride
Concen: 10.060 ug/l
RT: 4.799 min Scan# 546
Delta R.T. 0.001 min
Lab File: VD077044.D
Acq: 28 Aug 2023 16:32

Tgt Ion: 84 Resp: 11178
Ion Ratio Lower Upper
84 100
49 97.4 71.4 107.2
51 34.2 24.5 36.7
86 76.0 48.7 73.1#





#31

Cyclohexane

Concen: 1.778 ug/l

RT: 7.887 min Scan# 1069

Delta R.T. 0.012 min

Lab File: VD077044.D

Acq: 28 Aug 2023 16:32

Instrument :

MSVOA_D

ClientSampleId :

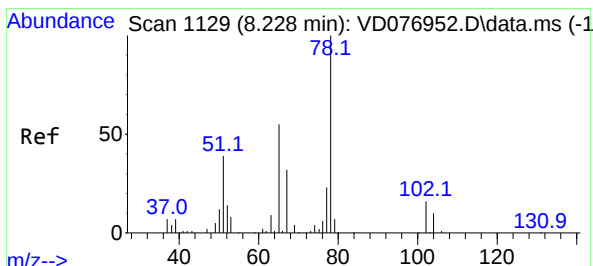
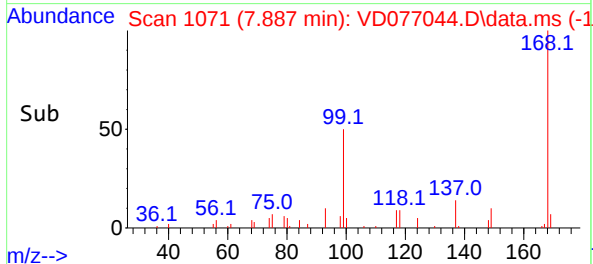
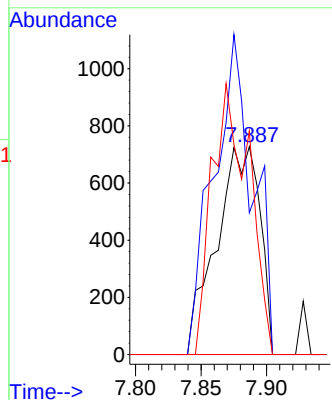
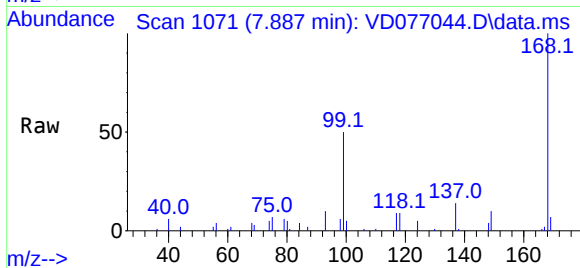
Tgt Ion: 56 Resp: 1686

Ion Ratio Lower Upper

56 100

69 68.2 28.6 43.0#

84 107.6 84.8 127.2



#33

1,2-Dichloroethane-d4

Concen: 79.943 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VD077044.D

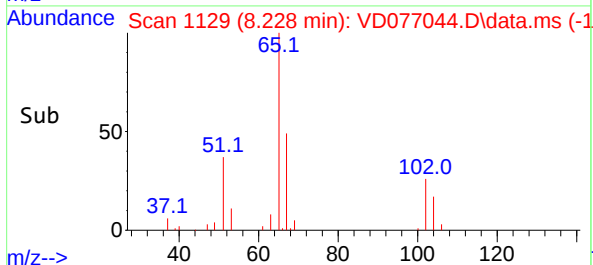
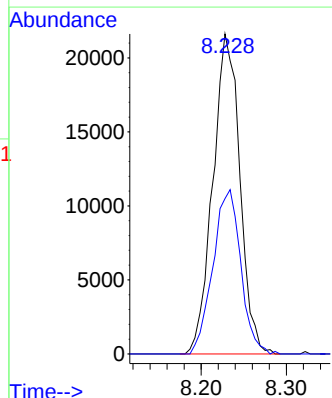
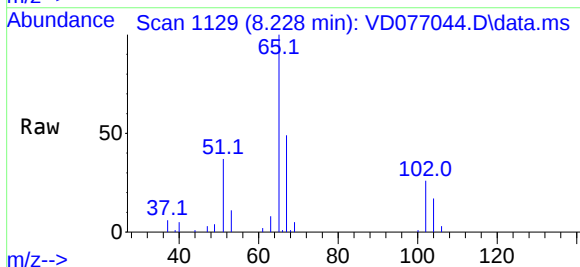
Acq: 28 Aug 2023 16:32

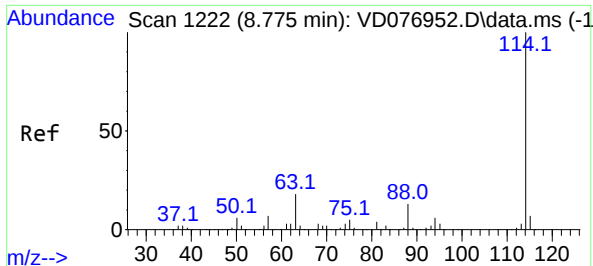
Tgt Ion: 65 Resp: 47455

Ion Ratio Lower Upper

65 100

67 53.0 0.0 115.0

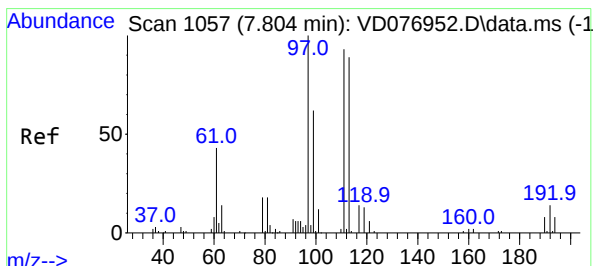
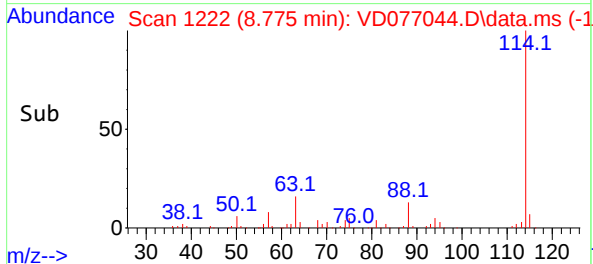
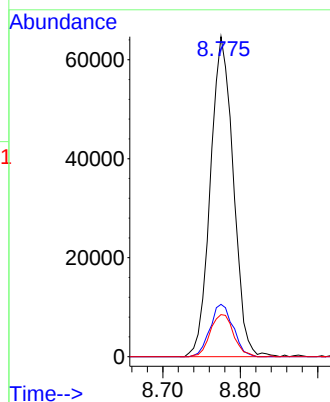
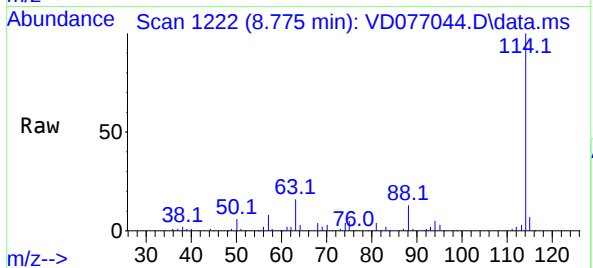




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD077044.D
Acq: 28 Aug 2023 16:32

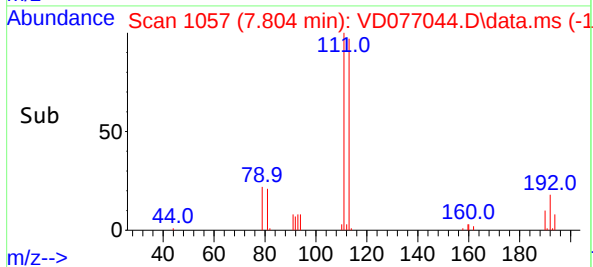
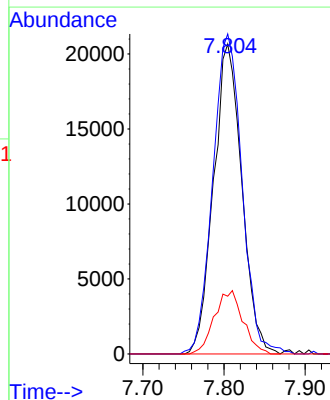
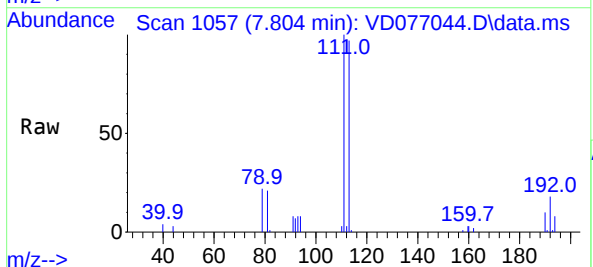
Instrument :
MSVOA_D
ClientSampleId :

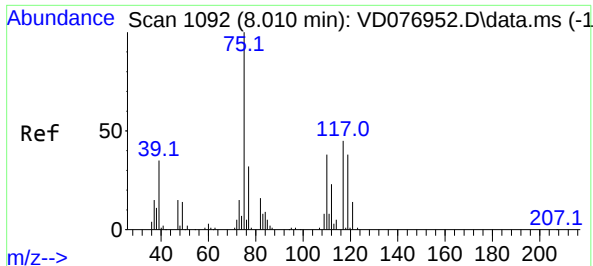
Tgt Ion:114 Resp: 132750
Ion Ratio Lower Upper
114 100
63 16.4 0.0 33.4
88 13.1 0.0 26.2



#35
Dibromofluoromethane
Concen: 56.295 ug/l
RT: 7.804 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VD077044.D
Acq: 28 Aug 2023 16:32

Tgt Ion:113 Resp: 49926
Ion Ratio Lower Upper
113 100
111 107.0 84.7 127.1
192 20.7 16.8 25.2





#36

1,1-Dichloropropene

Concen: 3.544 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.135 min

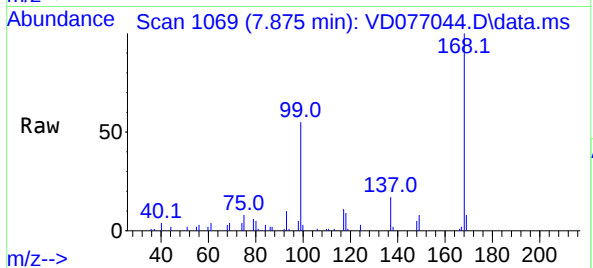
Lab File: VD077044.D

Acq: 28 Aug 2023 16:32

Instrument :

MSVOA_D

ClientSampleId :



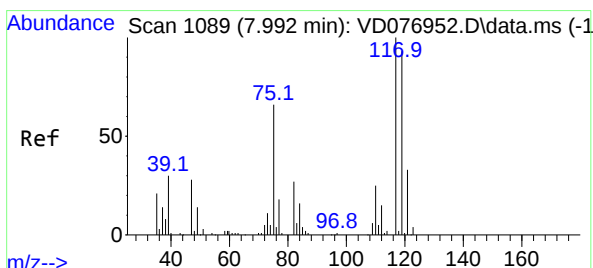
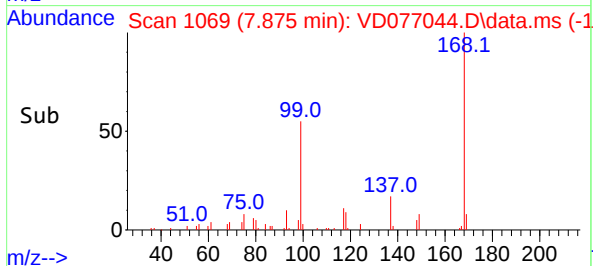
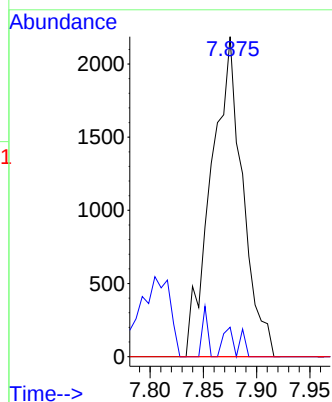
Tgt Ion: 75 Resp: 4478

Ion Ratio Lower Upper

75 100

110 4.3 19.9 59.6#

77 0.0 24.7 37.1#



#38

Carbon Tetrachloride

Concen: 4.918 ug/l

RT: 7.869 min Scan# 1068

Delta R.T. -0.123 min

Lab File: VD077044.D

Acq: 28 Aug 2023 16:32

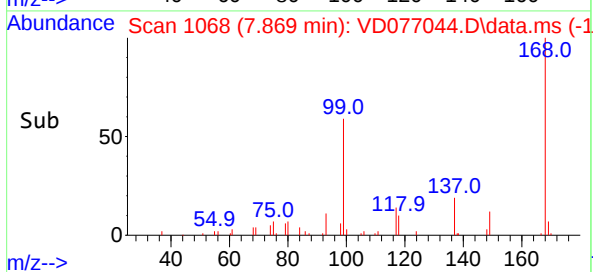
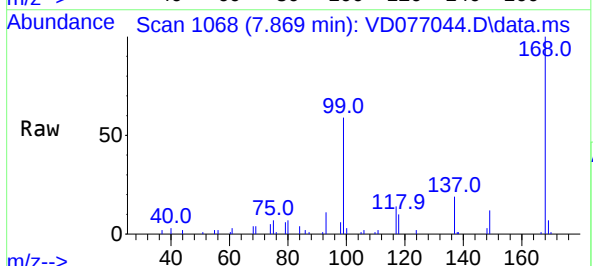
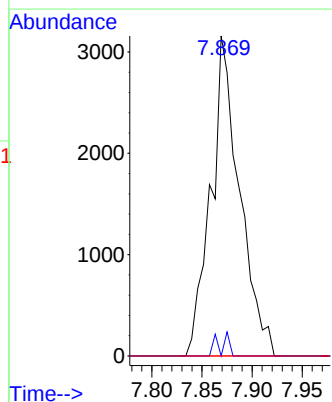
Tgt Ion: 117 Resp: 6282

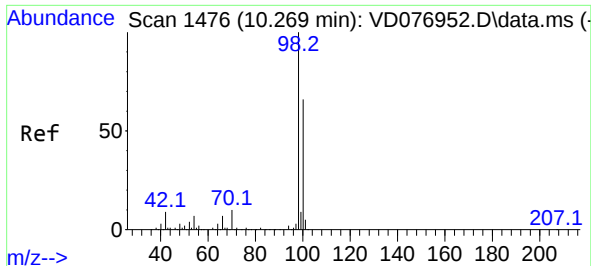
Ion Ratio Lower Upper

117 100

119 0.0 78.0 117.0#

121 0.0 24.2 36.2#

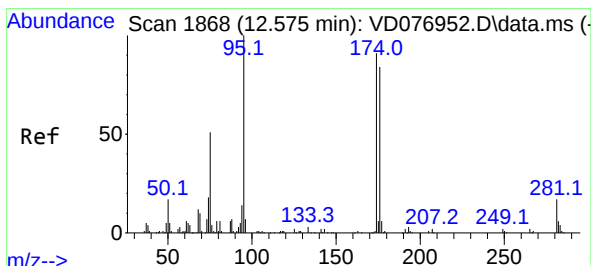
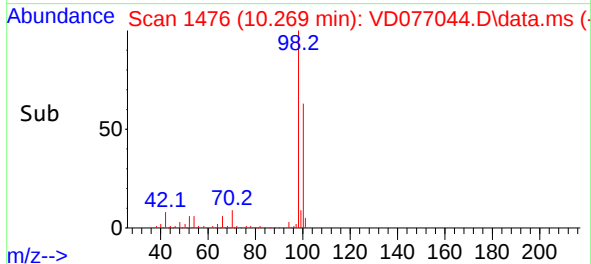
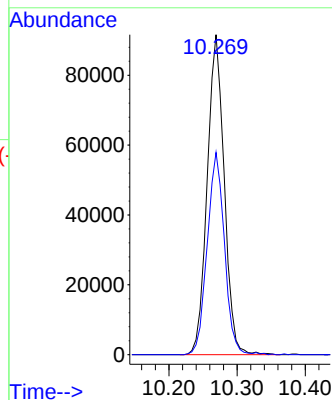
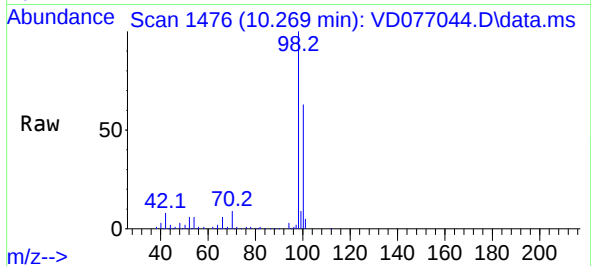




#50
Toluene-d8
Concen: 49.666 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD077044.D
Acq: 28 Aug 2023 16:32

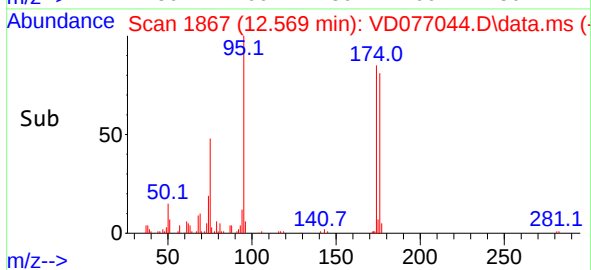
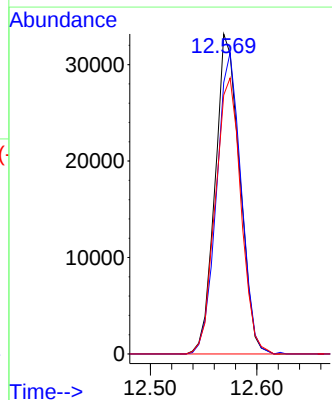
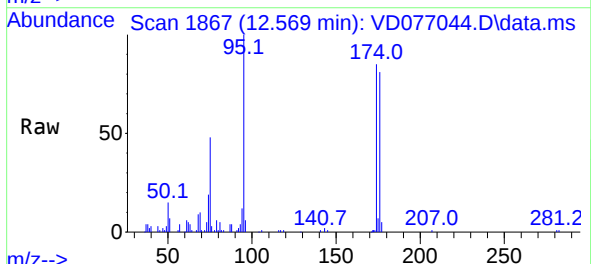
Instrument :
MSVOA_D
ClientSampleId :

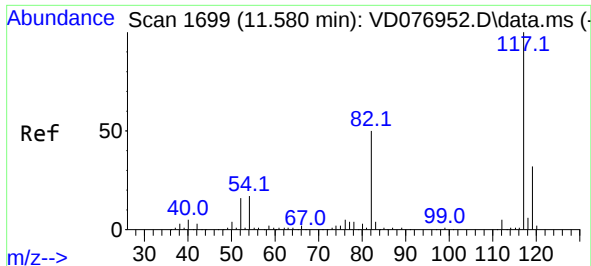
Tgt Ion: 98 Resp: 159348
Ion Ratio Lower Upper
98 100
100 63.8 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 56.262 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.006 min
Lab File: VD077044.D
Acq: 28 Aug 2023 16:32

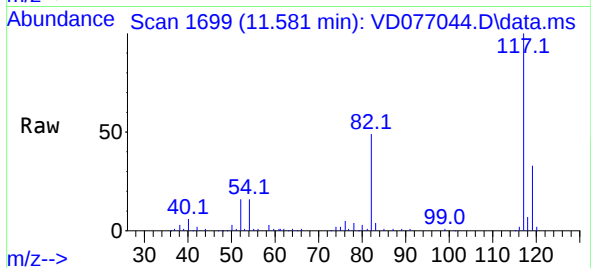
Tgt Ion: 95 Resp: 53221
Ion Ratio Lower Upper
95 100
174 93.8 0.0 201.8
176 89.7 0.0 191.8



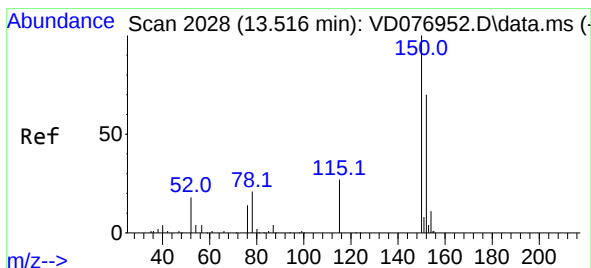
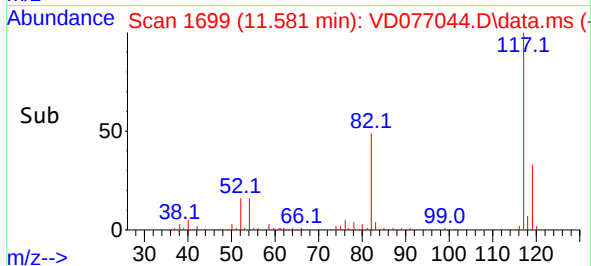
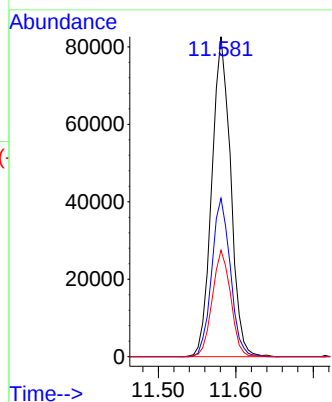


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117
Delta R.T. 0.001 min
Lab File: VD077044.D
Acq: 28 Aug 2023 16:32

Instrument :
MSVOA_D
ClientSampleId :

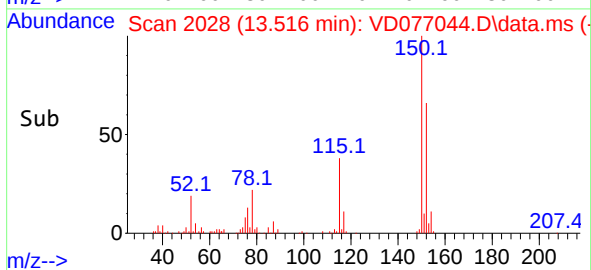
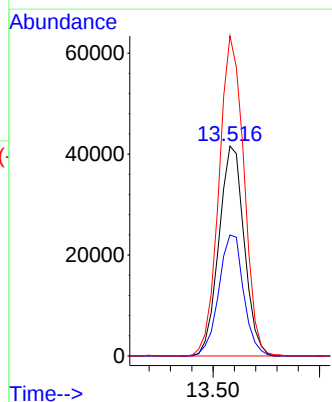
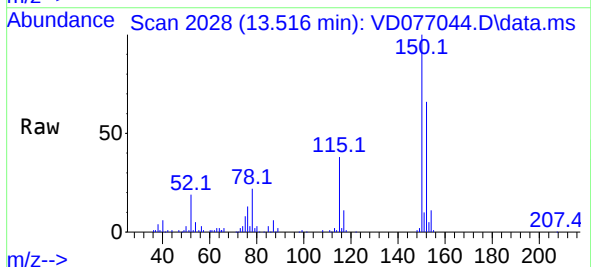


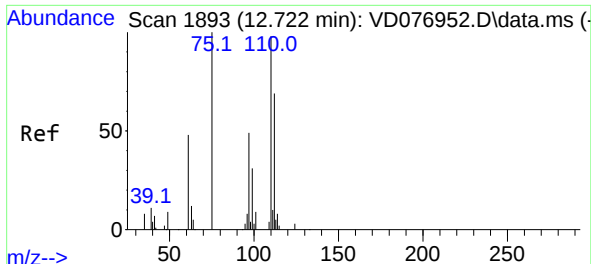
Tgt Ion:117 Resp: 139641
Ion Ratio Lower Upper
117 100
82 49.5 38.3 57.5
119 33.3 25.0 37.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.000 min
Lab File: VD077044.D
Acq: 28 Aug 2023 16:32

Tgt Ion:152 Resp: 68464
Ion Ratio Lower Upper
152 100
115 56.8 27.1 81.3
150 150.4 0.0 353.6

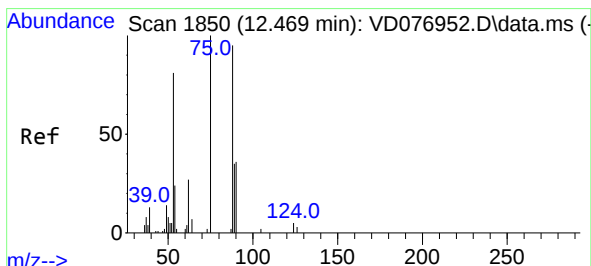
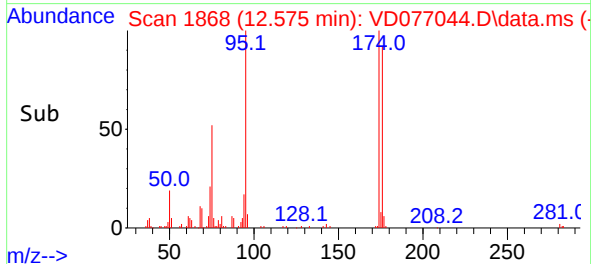
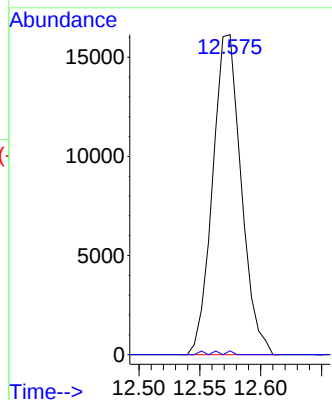
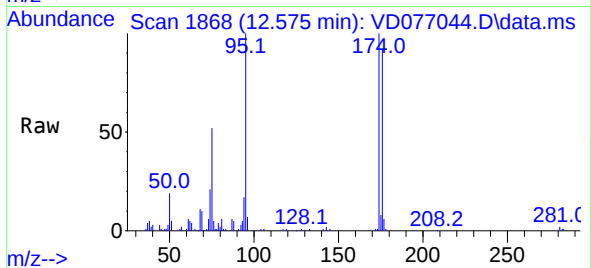




#76
1,2,3-Trichloropropane
Concen: 39.967 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.147 min
Lab File: VD077044.D
Acq: 28 Aug 2023 16:32

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 26392
Ion Ratio Lower Upper
75 100
77 0.5 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 92.794 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.106 min
Lab File: VD077044.D
Acq: 28 Aug 2023 16:32

Tgt Ion: 75 Resp: 26392
Ion Ratio Lower Upper
75 100
53 0.0 63.0 94.4#
89 0.0 37.9 56.9#

