

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081423\
 Data File : VD077001.D
 Acq On : 14 Aug 2023 15:14
 Operator : JC/SY
 Sample : 03971-10
 Misc : 5.09G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 B-PP08B

Quant Time: Aug 14 15:22:14 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D080823S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 09 07:25:36 2023
 Response via : Initial Calibration

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

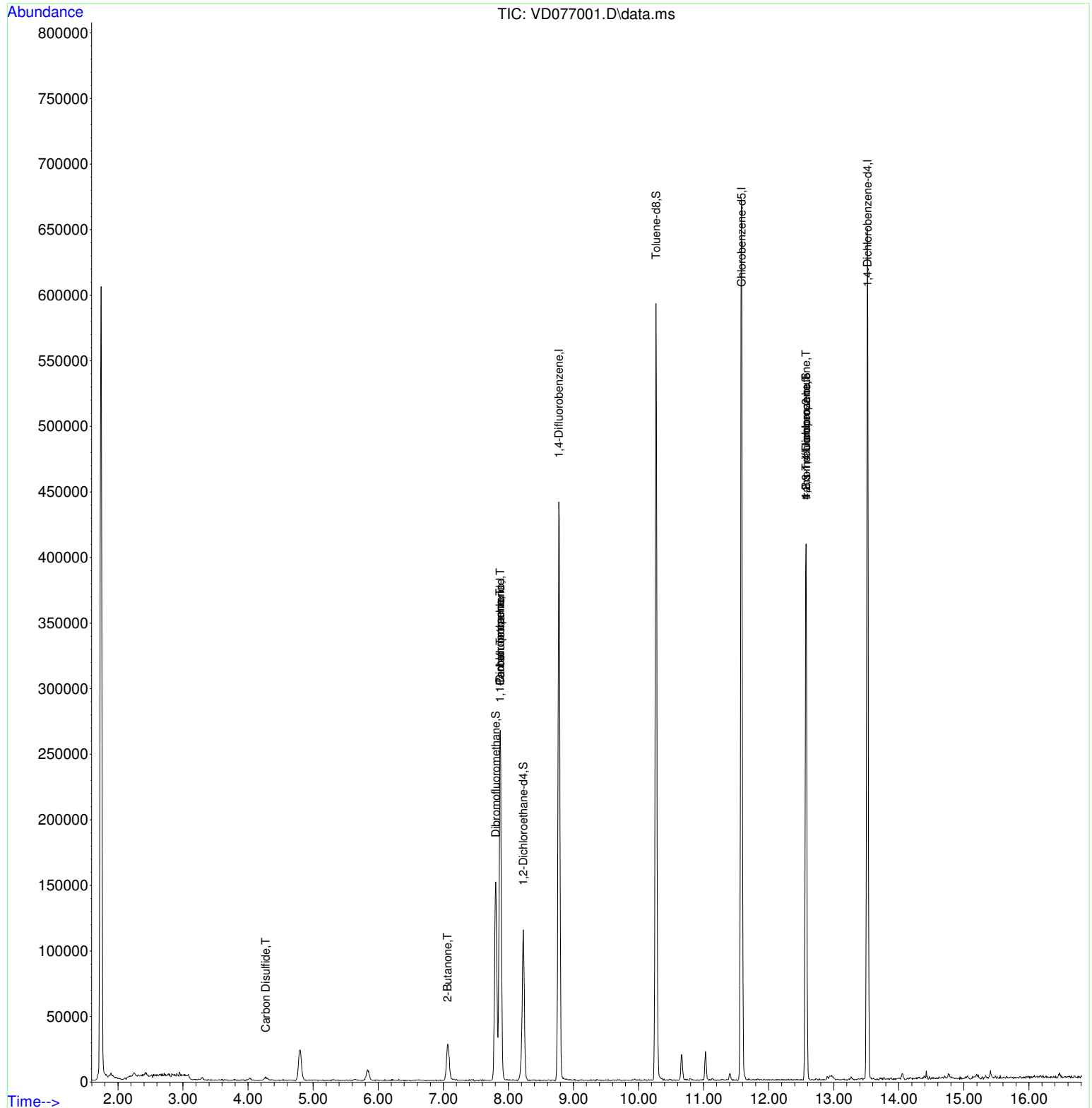
Internal Standards						
1) Pentafluorobenzene	7.875	168	208663	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	416740	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	406690	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	178534	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	85093	51.70	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	103.40%
35) Dibromofluoromethane	7.805	113	109680	48.95	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.90%
50) Toluene-d8	10.269	98	415266	57.71	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	115.42%
62) 4-Bromofluorobenzene	12.575	95	121062	48.12	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	96.24%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.058	59	217	Below Cal	#	73
16) Acetone	4.028	43	2285	Below Cal		88
17) Carbon Disulfide	4.269	76	4439	1.64 ug/l	#	76
20) Methylene Chloride	4.799	84	20253	Below Cal		94
25) 2-Butanone	7.063	43	1431	2.60 ug/l	#	37
31) Cyclohexane	7.869	56	4369	Below Cal	#	30
36) 1,1-Dichloropropene	7.869	75	16276	5.87 ug/l	#	49
38) Carbon Tetrachloride	7.875	117	21908	7.39 ug/l	#	16
76) 1,2,3-Trichloropropane	12.575	75	65494	39.10 ug/l	#	100
81) trans-1,4-Dichloro-2-b...	12.575	75	65494	91.87 ug/l	#	17

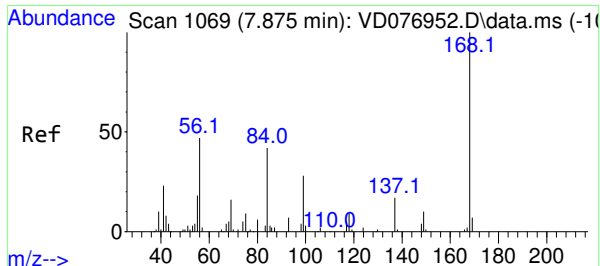
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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B-PP08B

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Quant Title : SW846 8260
QLast Update : Wed Aug 09 07:25:36 2023
Response via : Initial Calibration

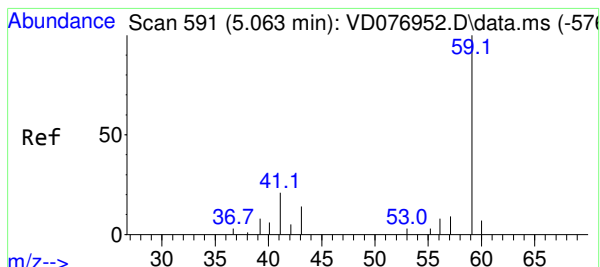
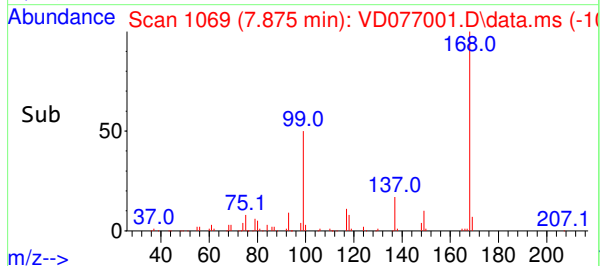
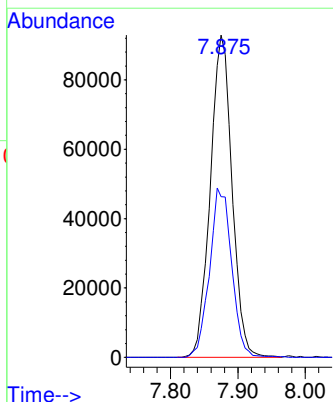
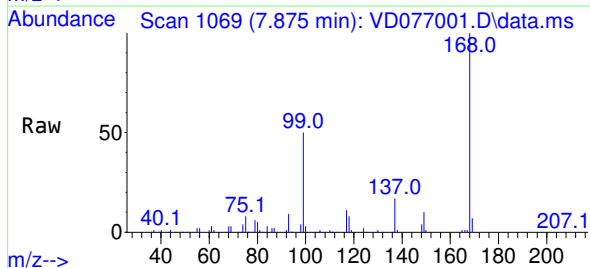




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.875 min Scan# 1
Delta R.T. 0.000 min
Lab File: VD077001.D
Acq: 14 Aug 2023 15:14

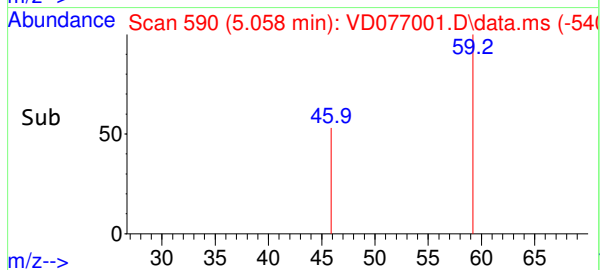
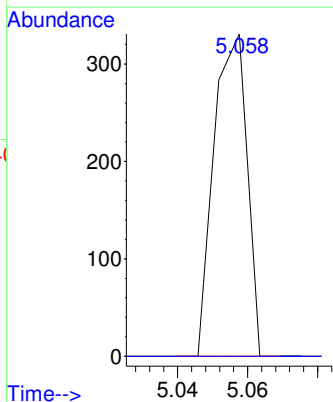
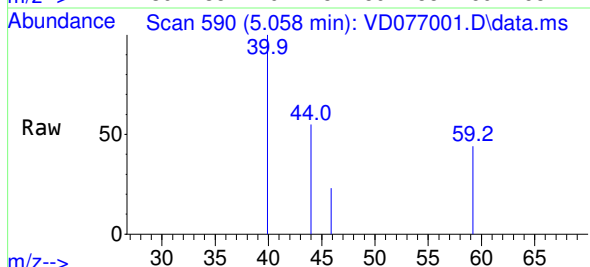
Instrument :
MSVOA_D
ClientSampleId :
B-PP08B

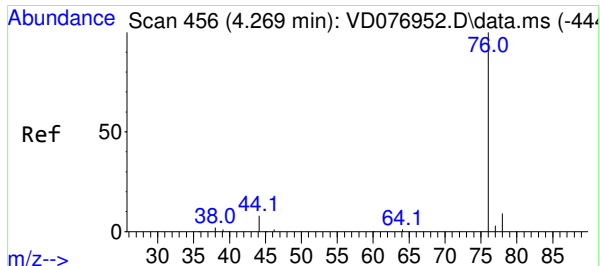
Tgt Ion:168 Resp: 208663
Ion Ratio Lower Upper
168 100
99 49.9 36.7 55.1



#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.058 min Scan# 590
Delta R.T. -0.005 min
Lab File: VD077001.D
Acq: 14 Aug 2023 15:14

Tgt Ion: 59 Resp: 217
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

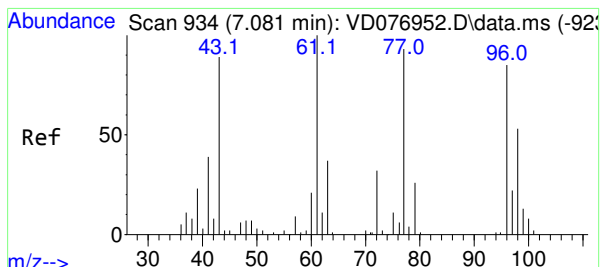
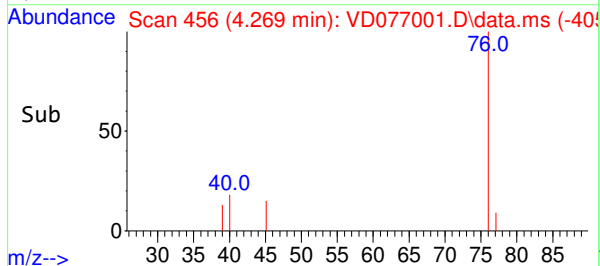
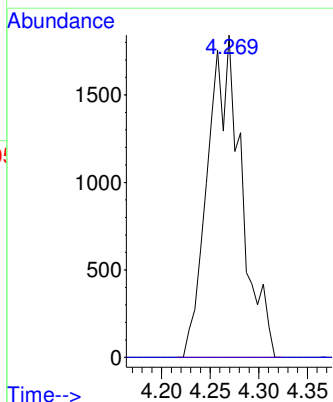
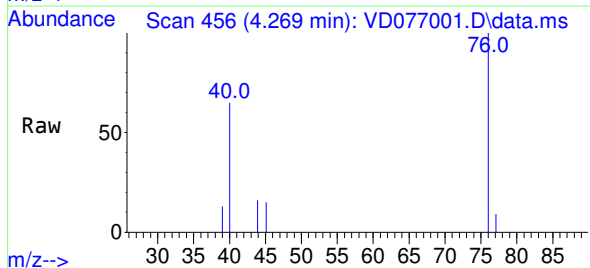




#17
Carbon Disulfide
Concen: 1.64 ug/l
RT: 4.269 min Scan# 417
Delta R.T. 0.000 min
Lab File: VD077001.D
Acq: 14 Aug 2023 15:14

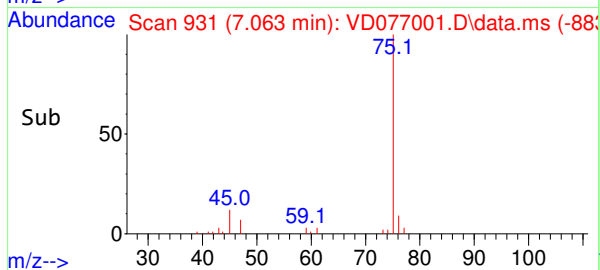
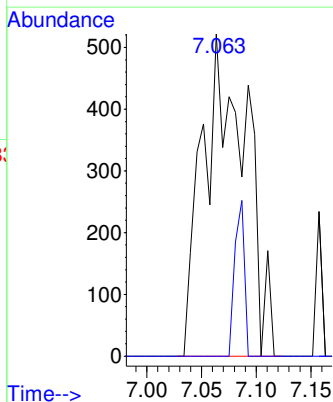
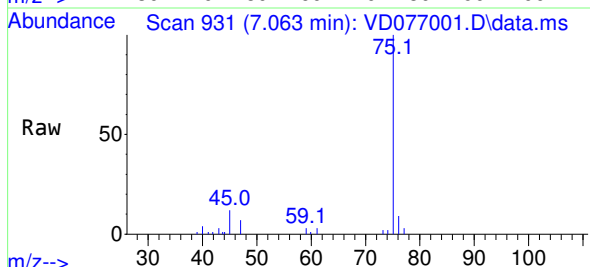
Instrument :
MSVOA_D
ClientSampleId :
B-PP08B

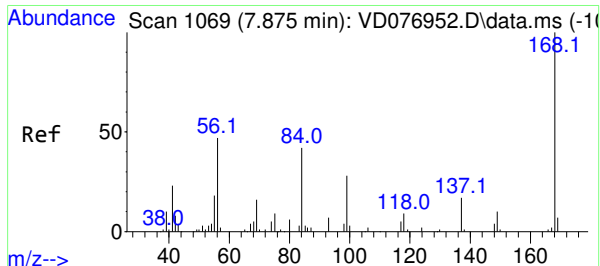
Tgt Ion: 76 Resp: 4439
Ion Ratio Lower Upper
76 100
78 0.0 6.8 10.2#



#25
2-Butanone
Concen: 2.60 ug/l
RT: 7.063 min Scan# 931
Delta R.T. -0.018 min
Lab File: VD077001.D
Acq: 14 Aug 2023 15:14

Tgt Ion: 43 Resp: 1431
Ion Ratio Lower Upper
43 100
72 0.0 30.7 46.1#

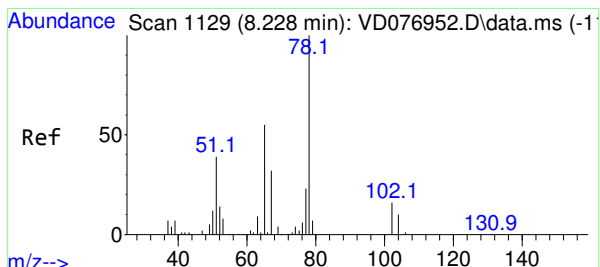
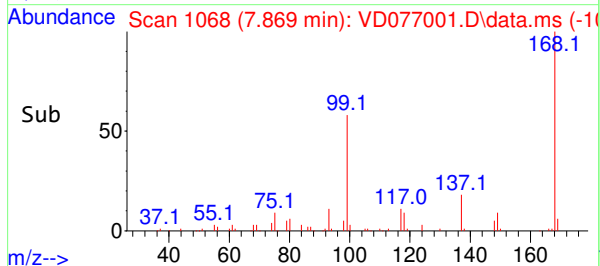
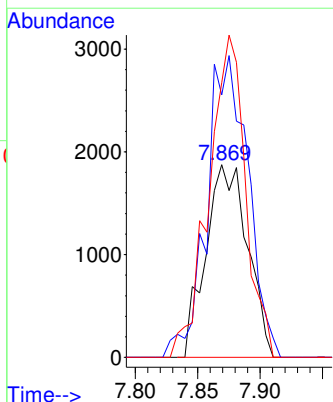
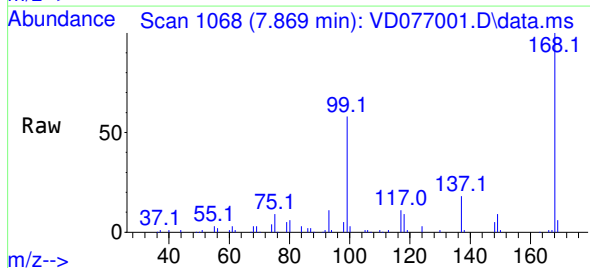




#31
Cyclohexane
Concen: Below Cal
RT: 7.869 min Scan# 1
Delta R.T. -0.006 min
Lab File: VD077001.D
Acq: 14 Aug 2023 15:14

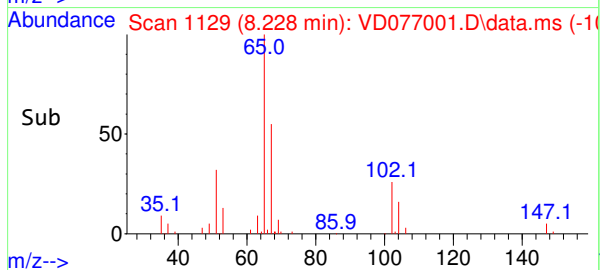
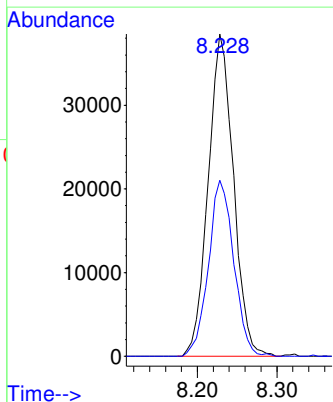
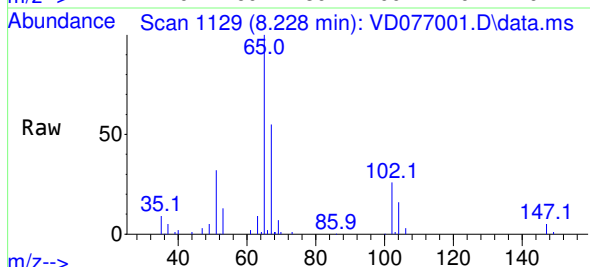
Instrument :
MSVOA_D
ClientSampleId :
B-PP08B

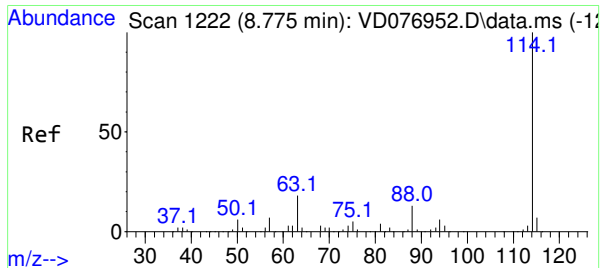
Tgt Ion: 56 Resp: 4369
Ion Ratio Lower Upper
56 100
69 136.2 28.6 43.0#
84 142.6 84.8 127.2#



#33
1,2-Dichloroethane-d4
Concen: 51.70 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VD077001.D
Acq: 14 Aug 2023 15:14

Tgt Ion: 65 Resp: 85093
Ion Ratio Lower Upper
65 100
67 54.8 0.0 115.0

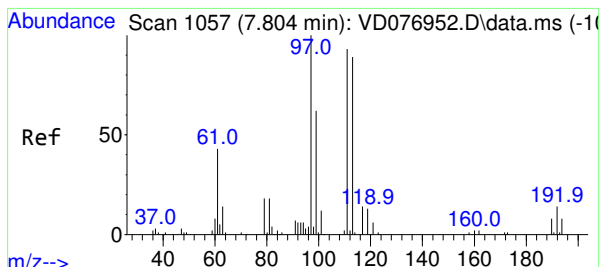
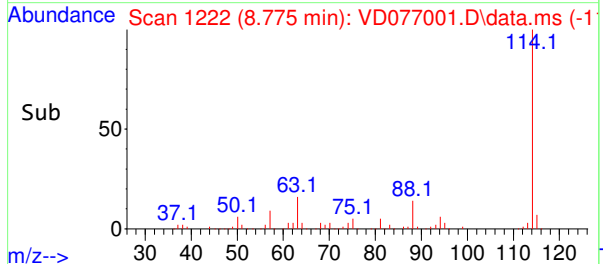
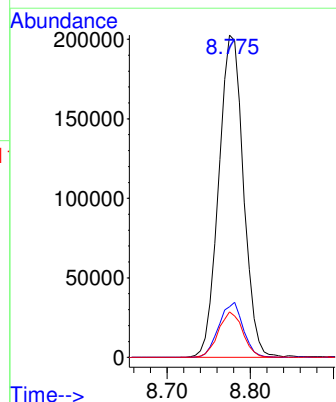
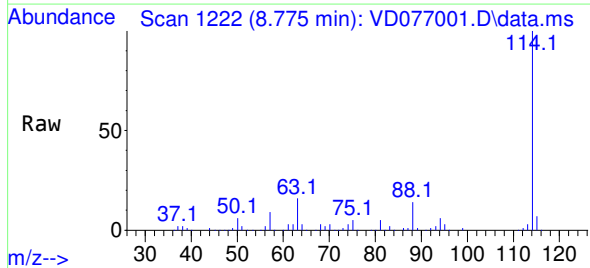




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.775 min Scan# 1
Delta R.T. 0.000 min
Lab File: VD077001.D
Acq: 14 Aug 2023 15:14

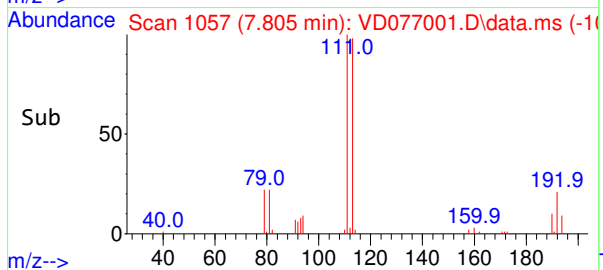
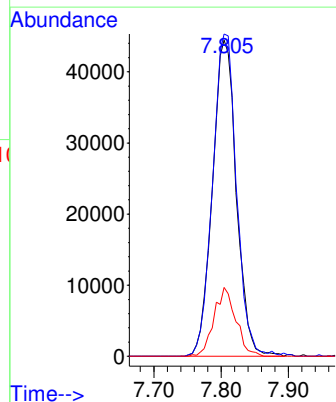
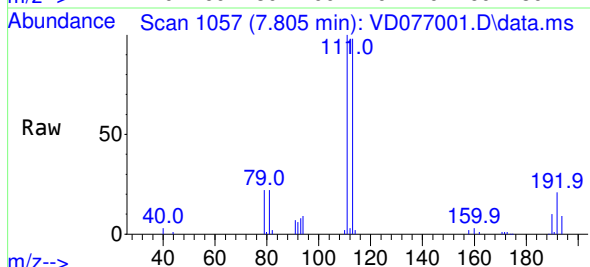
Instrument :
MSVOA_D
ClientSampleId :
B-PP08B

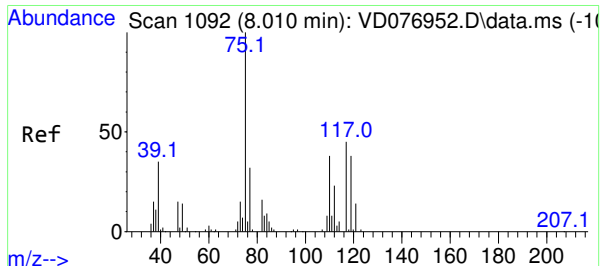
Tgt Ion:	114	Resp:	416740
Ion	Ratio	Lower	Upper
114	100		
63	15.7	0.0	33.4
88	14.2	0.0	26.2



#35
Dibromofluoromethane
Concen: 48.95 ug/l
RT: 7.805 min Scan# 1057
Delta R.T. 0.001 min
Lab File: VD077001.D
Acq: 14 Aug 2023 15:14

Tgt Ion:	113	Resp:	109680
Ion	Ratio	Lower	Upper
113	100		
111	101.9	84.7	127.1
192	20.0	16.8	25.2

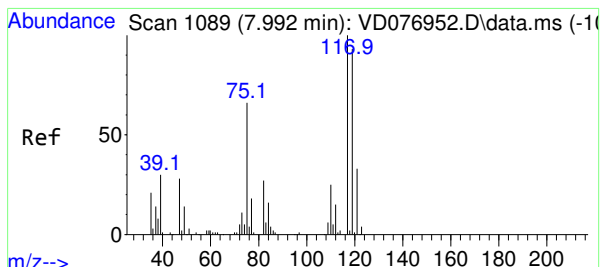
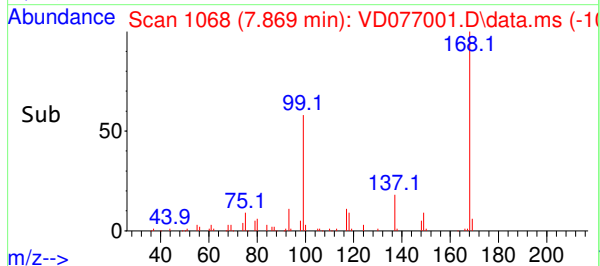
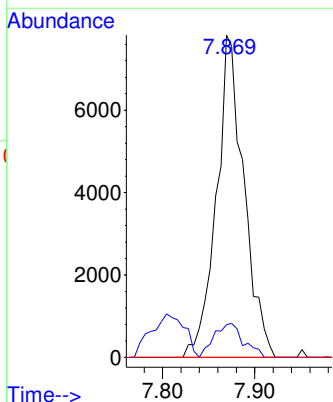
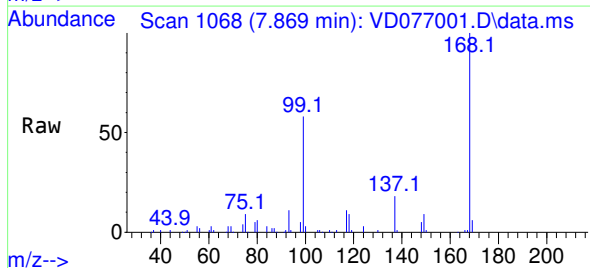




#36
1,1-Dichloropropene
Concen: 5.87 ug/l
RT: 7.869 min Scan# 1
Delta R.T. -0.141 min
Lab File: VD077001.D
Acq: 14 Aug 2023 15:14

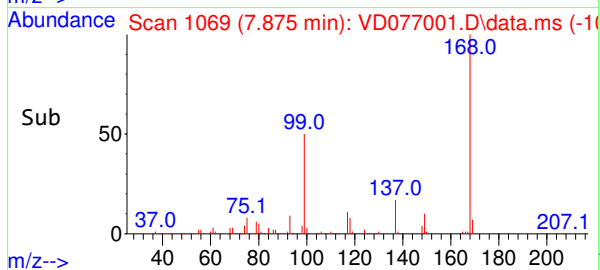
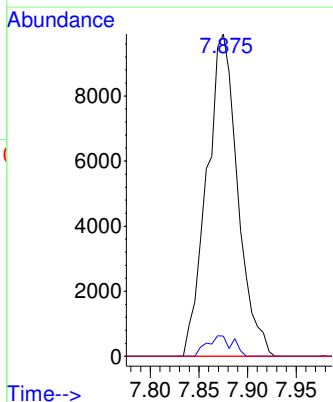
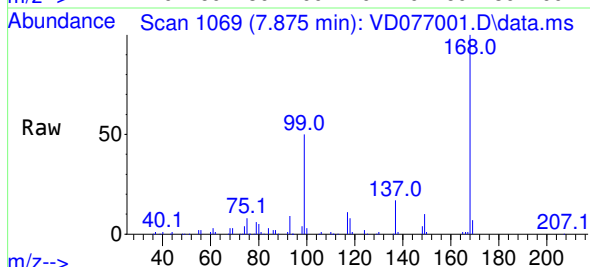
Instrument :
MSVOA_D
ClientSampleId :
B-PP08B

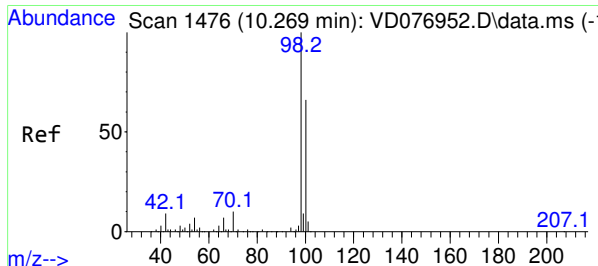
Tgt Ion: 75 Resp: 16276
Ion Ratio Lower Upper
75 100
110 11.3 19.9 59.6#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 7.39 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.117 min
Lab File: VD077001.D
Acq: 14 Aug 2023 15:14

Tgt Ion: 117 Resp: 21908
Ion Ratio Lower Upper
117 100
119 6.3 78.0 117.0#
121 0.0 24.2 36.2#

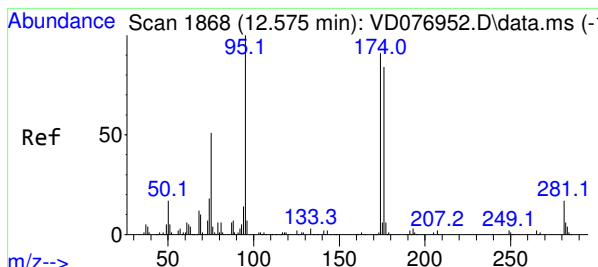
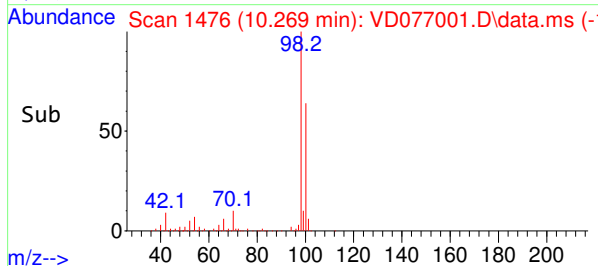
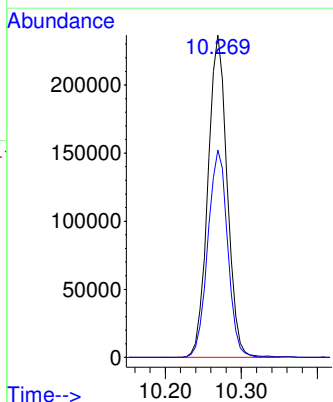
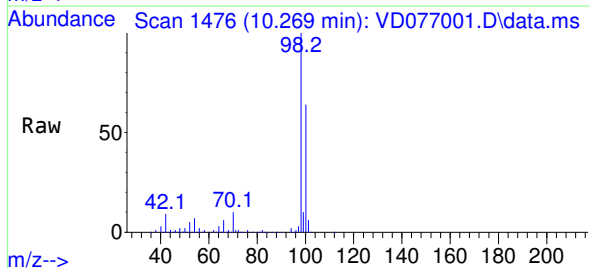




#50
Toluene-d8
Concen: 57.71 ug/l
RT: 10.269 min Scan# 1
Delta R.T. 0.000 min
Lab File: VD077001.D
Acq: 14 Aug 2023 15:14

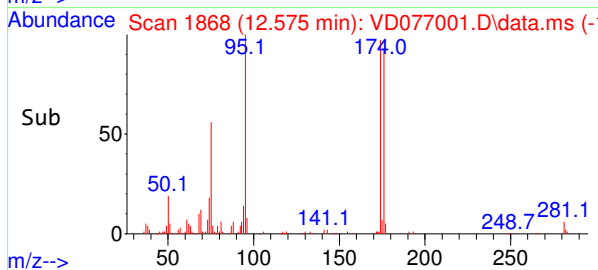
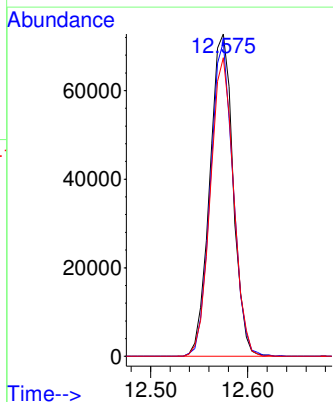
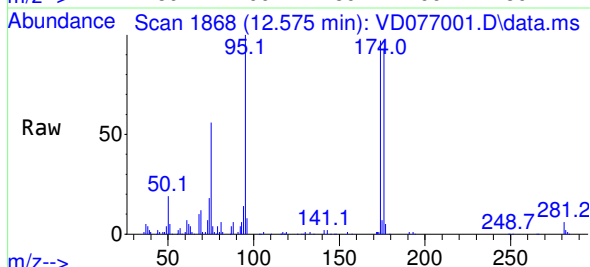
Instrument :
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B-PP08B

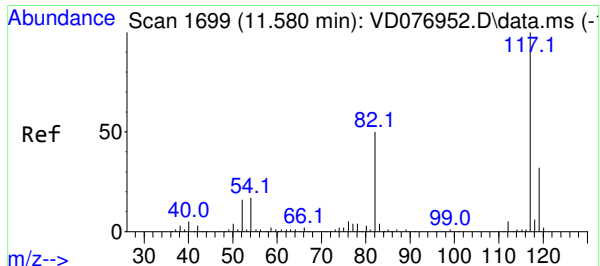
Tgt Ion: 98 Resp: 415266
Ion Ratio Lower Upper
98 100
100 66.0 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 48.12 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD077001.D
Acq: 14 Aug 2023 15:14

Tgt Ion: 95 Resp: 121062
Ion Ratio Lower Upper
95 100
174 94.7 0.0 201.8
176 92.0 0.0 191.8

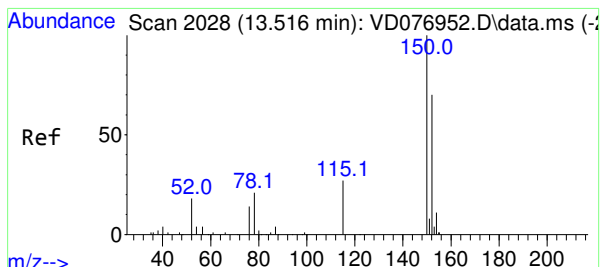
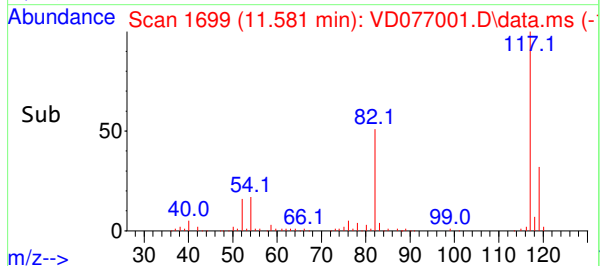
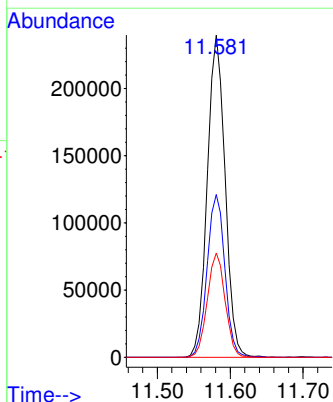
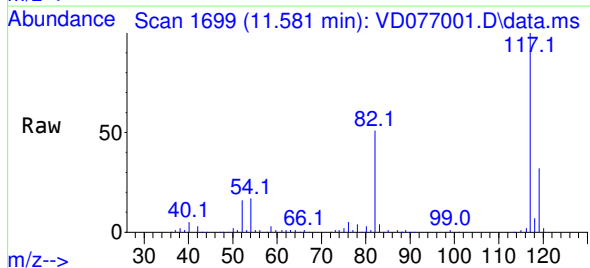




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.581 min Scan# 1
Delta R.T. 0.001 min
Lab File: VD077001.D
Acq: 14 Aug 2023 15:14

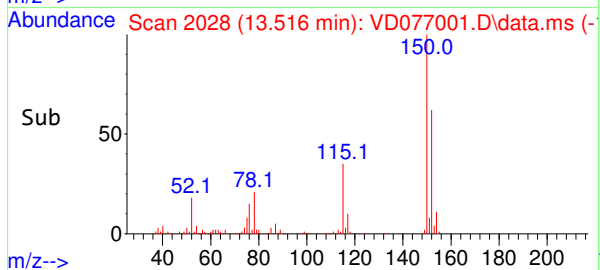
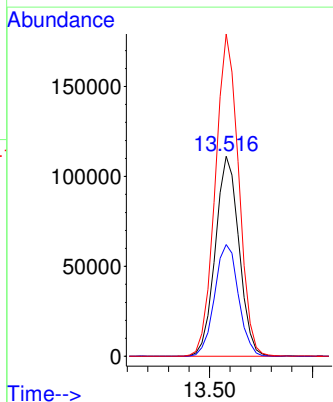
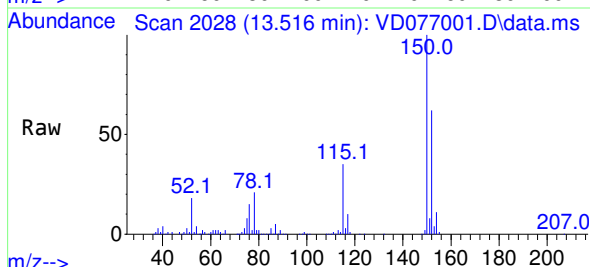
Instrument :
MSVOA_D
ClientSampleId :
B-PP08B

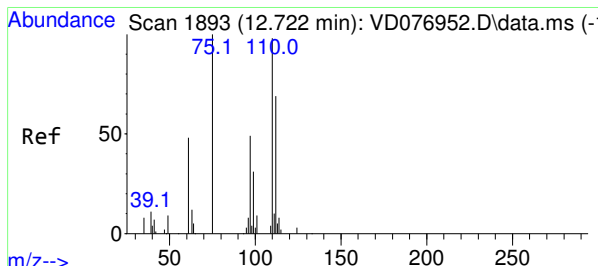
Tgt Ion:117 Resp: 406690
Ion Ratio Lower Upper
117 100
82 50.5 38.3 57.5
119 32.3 25.0 37.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. 0.000 min
Lab File: VD077001.D
Acq: 14 Aug 2023 15:14

Tgt Ion:152 Resp: 178534
Ion Ratio Lower Upper
152 100
115 56.6 27.1 81.3
150 159.2 0.0 353.6

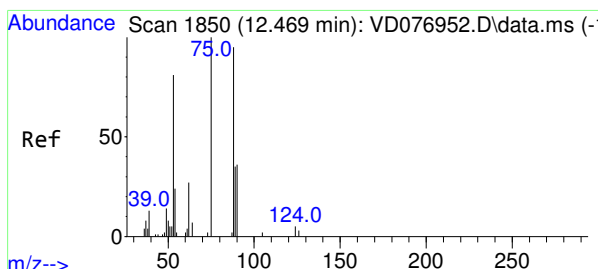
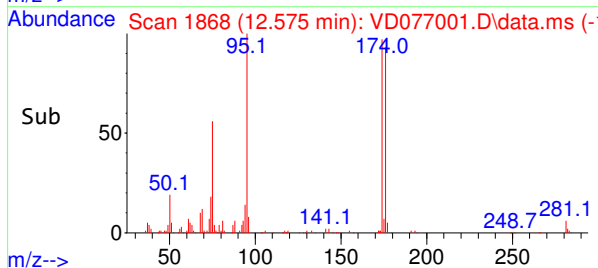
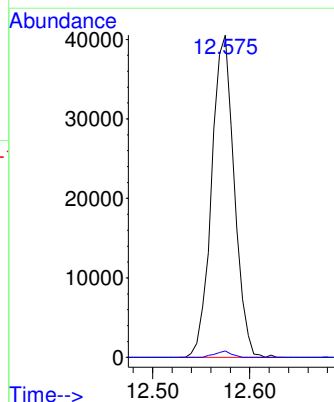
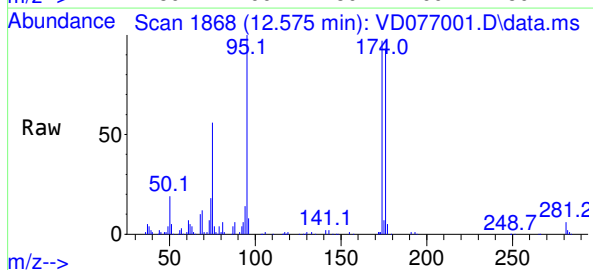




#76
1,2,3-Trichloropropane
Concen: 39.10 ug/l
RT: 12.575 min Scan# 1
Delta R.T. -0.147 min
Lab File: VD077001.D
Acq: 14 Aug 2023 15:14

Instrument :
MSVOA_D
ClientSampleId :
B-PP08B

Tgt Ion: 75 Resp: 65494
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 91.87 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.106 min
Lab File: VD077001.D
Acq: 14 Aug 2023 15:14

Tgt Ion: 75 Resp: 65494
Ion Ratio Lower Upper
75 100
53 0.0 63.0 94.4#
89 0.0 37.9 56.9#

