

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081423\
 Data File : VD077000.D
 Acq On : 14 Aug 2023 14:46
 Operator : JC/SY
 Sample : 03971-09
 Misc : 5.05G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 B-PP08A

Quant Time: Aug 14 14:57:45 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)

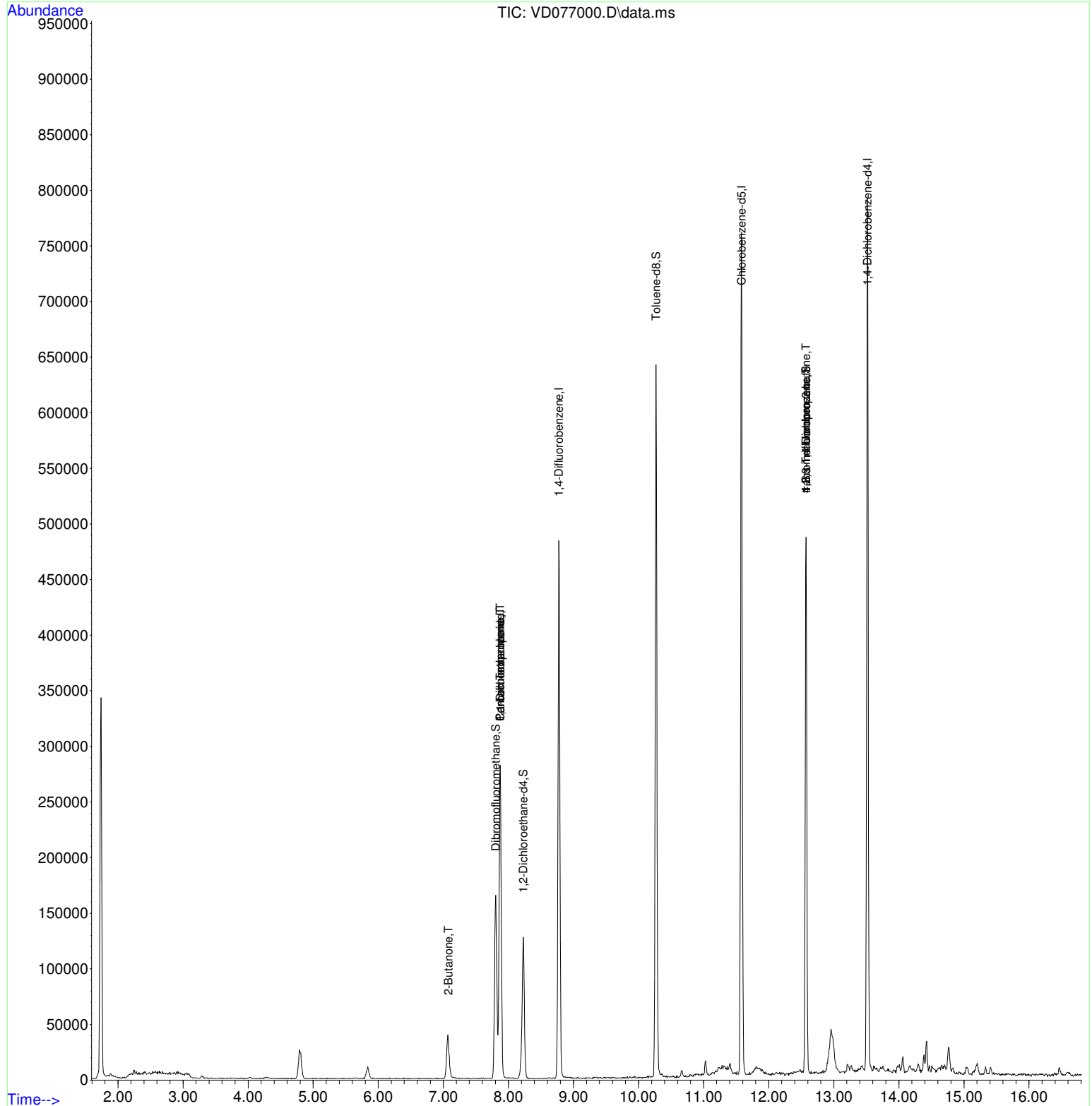
Internal Standards						
1) Pentafluorobenzene	7.875	168	226568	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	457041	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	456362	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	207707	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	93713	52.43	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	104.86%
35) Dibromofluoromethane	7.805	113	118955	48.41	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.82%
50) Toluene-d8	10.269	98	450931	57.14	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	114.28%
62) 4-Bromofluorobenzene	12.575	95	146491	53.10	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	106.20%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.928	85	54	Below Cal	#	43
11) Tert butyl alcohol	5.040	59	67	Below Cal	#	73
16) Acetone	4.011	43	629	Below Cal	#	32
20) Methylene Chloride	4.787	84	21345	Below Cal	#	87
25) 2-Butanone	7.075	43	971	1.62 ug/l	#	37
31) Cyclohexane	7.869	56	4149	Below Cal	#	7
36) 1,1-Dichloropropene	7.875	75	17338	5.71 ug/l	#	49
38) Carbon Tetrachloride	7.875	117	21201	6.52 ug/l	#	16
76) 1,2,3-Trichloropropane	12.575	75	76051	39.03 ug/l	#	100
81) trans-1,4-Dichloro-2-b...	12.575	75	76051	91.70 ug/l	#	17

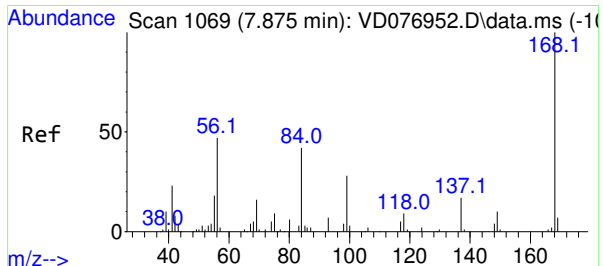
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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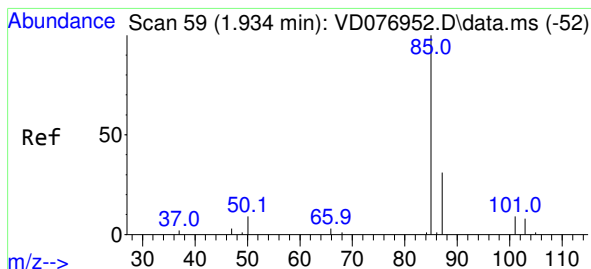
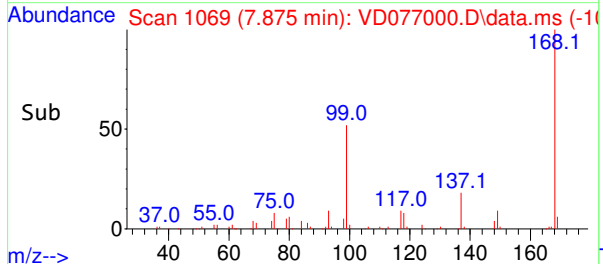
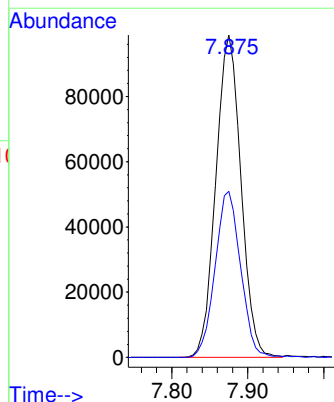
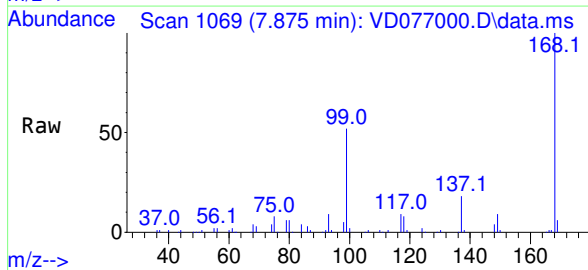




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.875 min Scan# 1
Delta R.T. 0.000 min
Lab File: VD077000.D
Acq: 14 Aug 2023 14:46

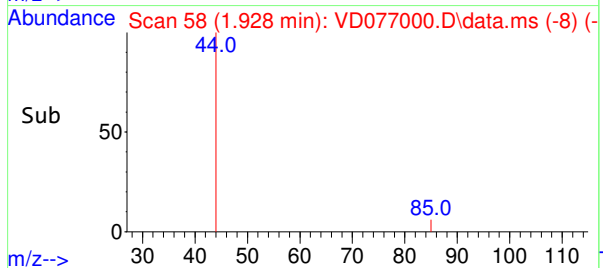
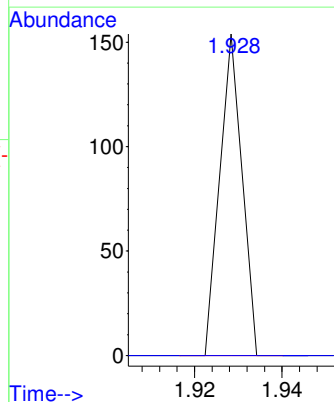
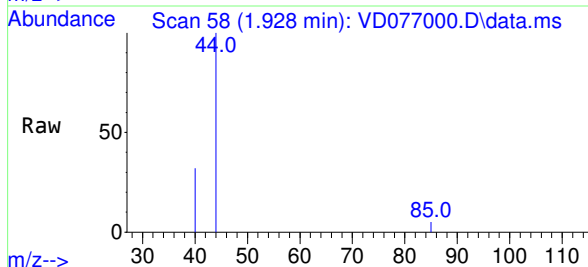
Instrument :
MSVOA_D
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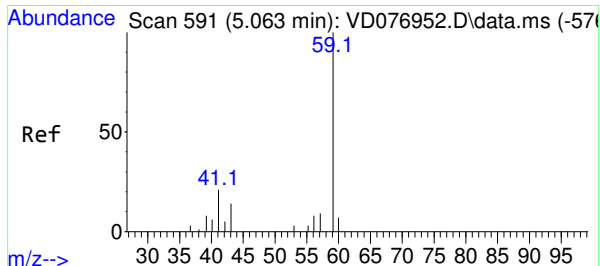
Tgt Ion:168 Resp: 226568
Ion Ratio Lower Upper
168 100
99 51.5 36.7 55.1



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.928 min Scan# 58
Delta R.T. -0.006 min
Lab File: VD077000.D
Acq: 14 Aug 2023 14:46

Tgt Ion: 85 Resp: 54
Ion Ratio Lower Upper
85 100
87 0.0 15.7 47.0#

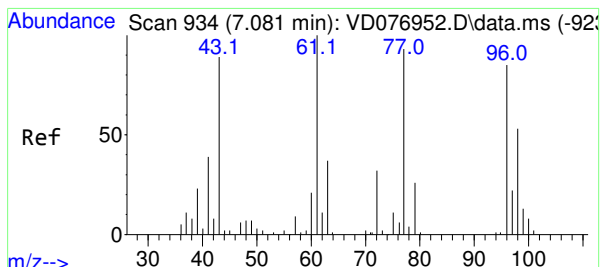
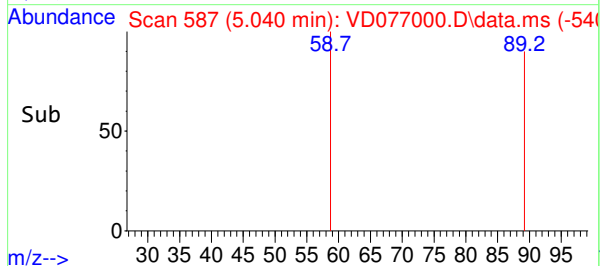
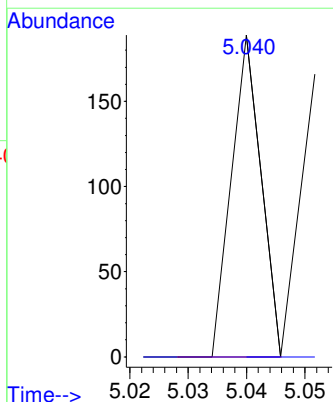
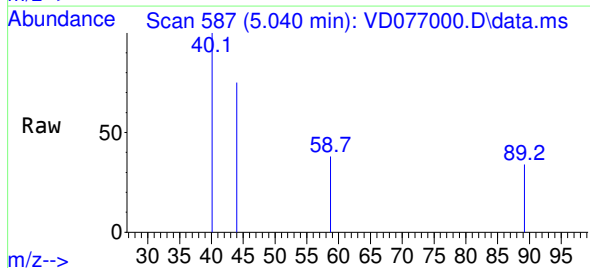




#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.040 min Scan# 59
Delta R.T. -0.023 min
Lab File: VD077000.D
Acq: 14 Aug 2023 14:46

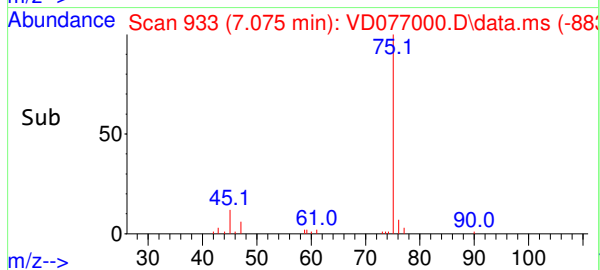
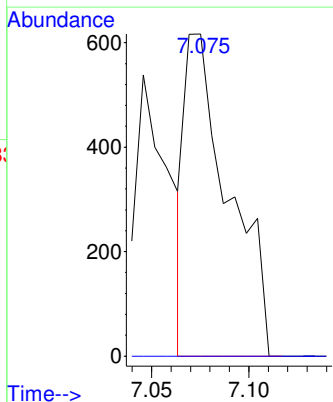
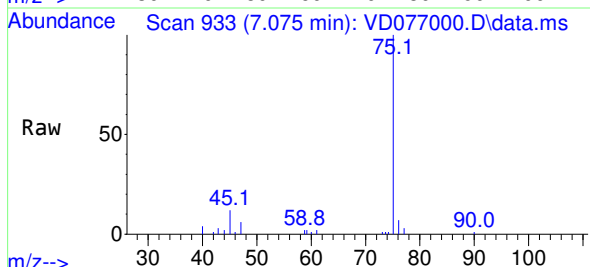
Instrument :
MSVOA_D
ClientSampleId :
B-PP08A

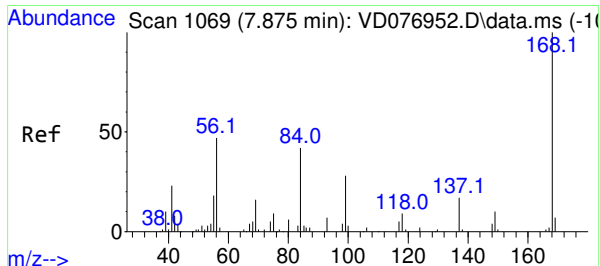
Tgt Ion: 59 Resp: 67
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#



#25
2-Butanone
Concen: 1.62 ug/l
RT: 7.075 min Scan# 933
Delta R.T. -0.006 min
Lab File: VD077000.D
Acq: 14 Aug 2023 14:46

Tgt Ion: 43 Resp: 971
Ion Ratio Lower Upper
43 100
72 0.0 30.7 46.1#

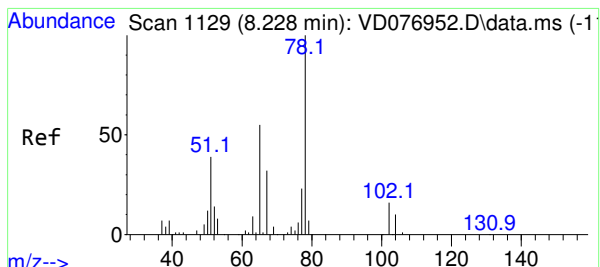
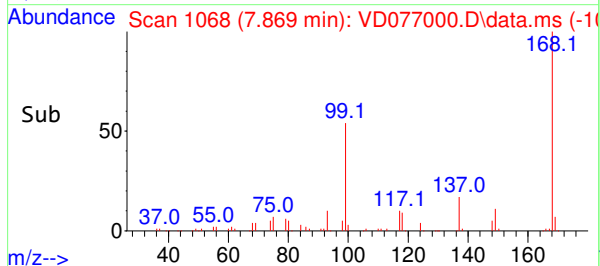
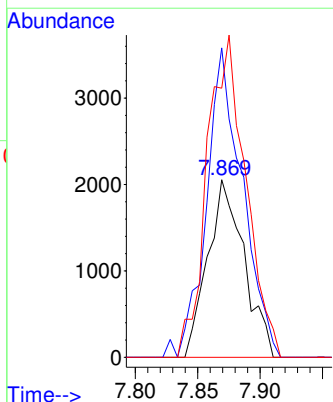
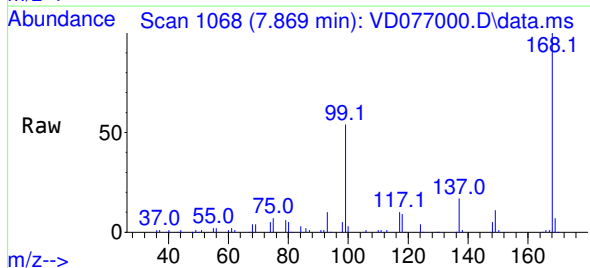




#31
Cyclohexane
Concen: Below Cal
RT: 7.869 min Scan# 1
Delta R.T. -0.006 min
Lab File: VD077000.D
Acq: 14 Aug 2023 14:46

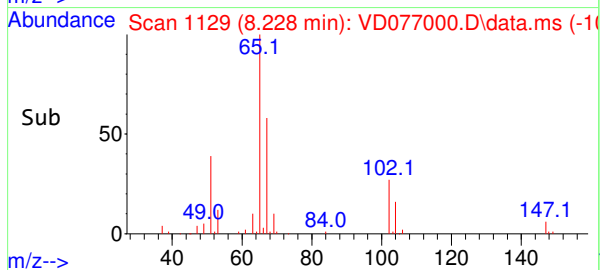
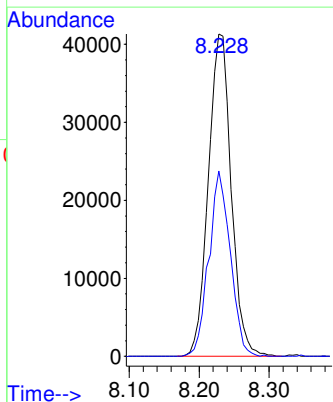
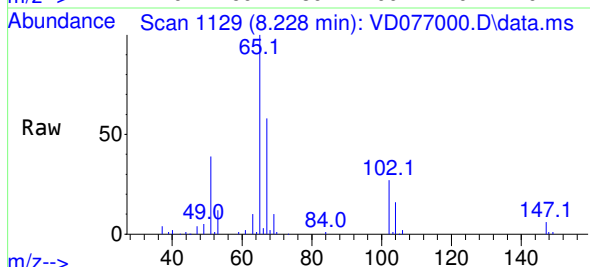
Instrument :
MSVOA_D
ClientSampleId :
B-PP08A

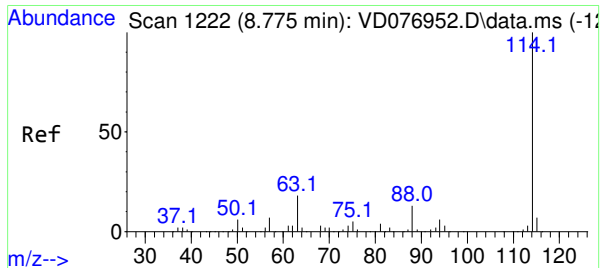
Tgt Ion: 56 Resp: 4149
Ion Ratio Lower Upper
56 100
69 174.3 28.6 43.0#
84 151.7 84.8 127.2#



#33
1,2-Dichloroethane-d4
Concen: 52.43 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VD077000.D
Acq: 14 Aug 2023 14:46

Tgt Ion: 65 Resp: 93713
Ion Ratio Lower Upper
65 100
67 54.1 0.0 115.0

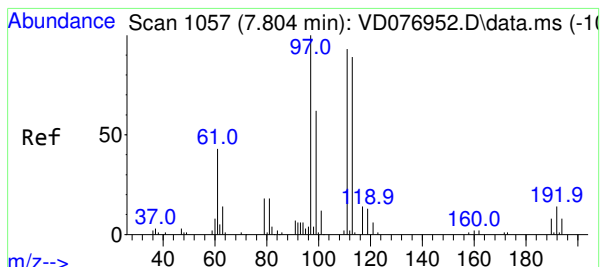
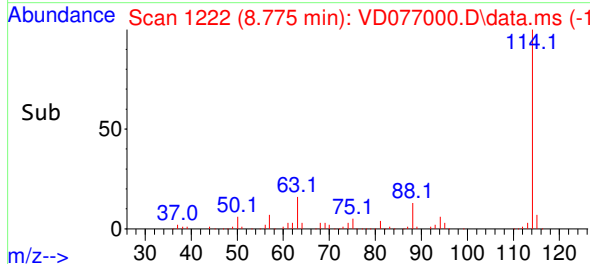
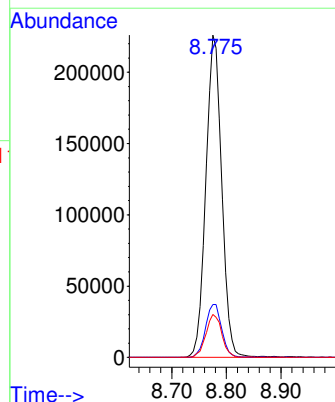
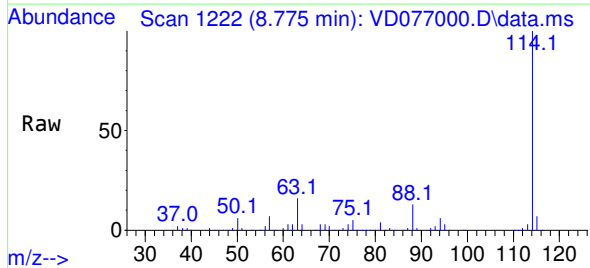




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.775 min Scan# 1
Delta R.T. 0.000 min
Lab File: VD077000.D
Acq: 14 Aug 2023 14:46

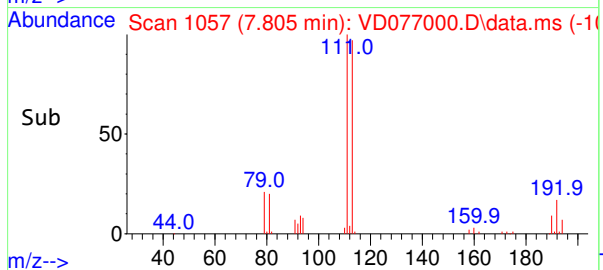
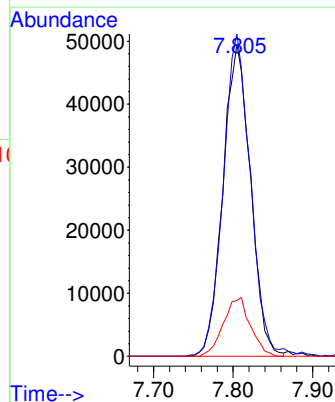
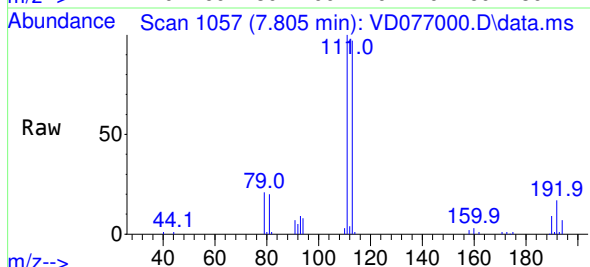
Instrument :
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ClientSampleId :
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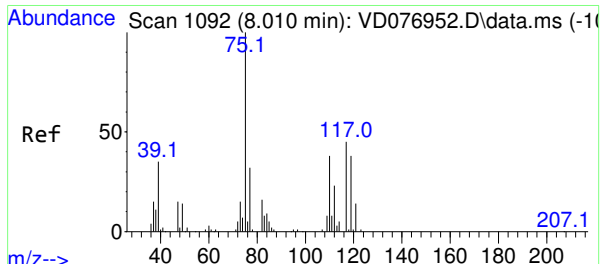
Tgt Ion:	114	Resp:	457041
Ion	Ratio	Lower	Upper
114	100		
63	16.4	0.0	33.4
88	13.4	0.0	26.2



#35
Dibromofluoromethane
Concen: 48.41 ug/l
RT: 7.805 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VD077000.D
Acq: 14 Aug 2023 14:46

Tgt Ion:	113	Resp:	118955
Ion	Ratio	Lower	Upper
113	100		
111	102.2	84.7	127.1
192	18.5	16.8	25.2

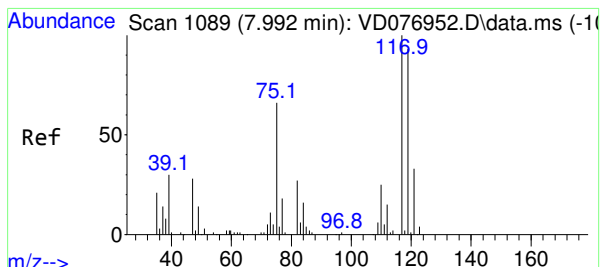
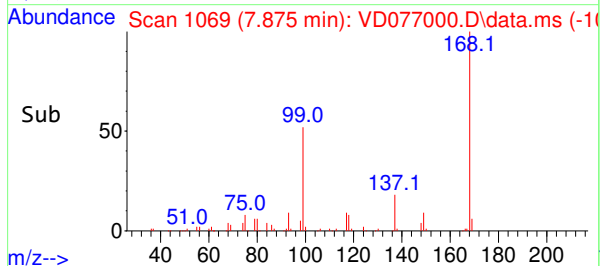
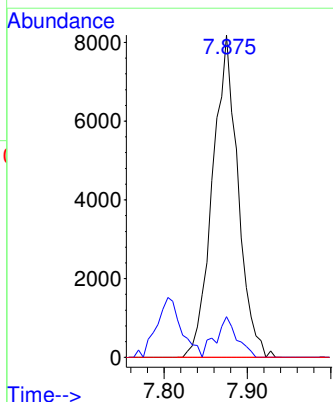
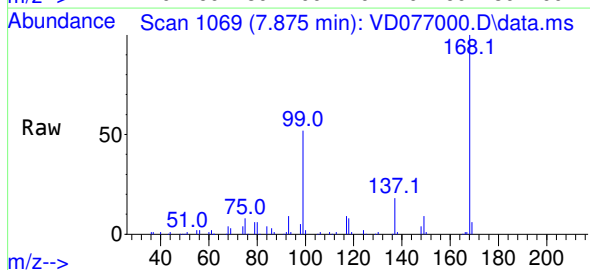




#36
1,1-Dichloropropene
Concen: 5.71 ug/l
RT: 7.875 min Scan# 1
Delta R.T. -0.135 min
Lab File: VD077000.D
Acq: 14 Aug 2023 14:46

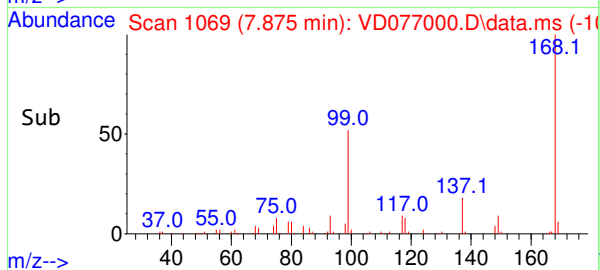
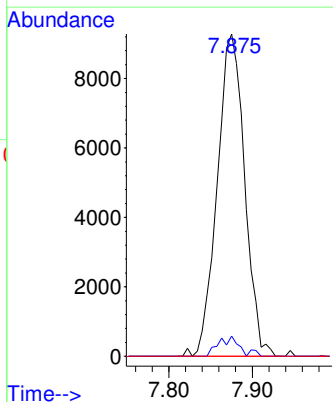
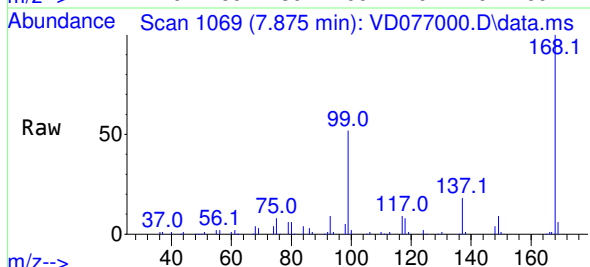
Instrument :
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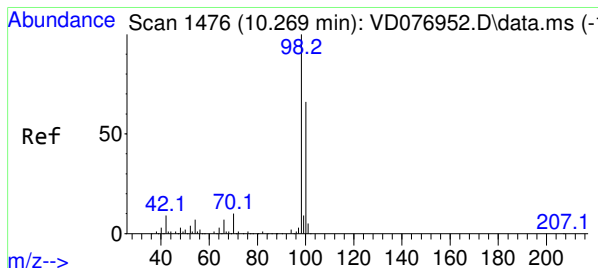
Tgt Ion: 75 Resp: 17338
Ion Ratio Lower Upper
75 100
110 10.5 19.9 59.6#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 6.52 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.117 min
Lab File: VD077000.D
Acq: 14 Aug 2023 14:46

Tgt Ion: 117 Resp: 21201
Ion Ratio Lower Upper
117 100
119 6.3 78.0 117.0#
121 0.0 24.2 36.2#

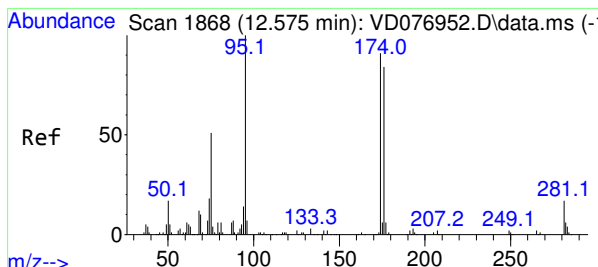
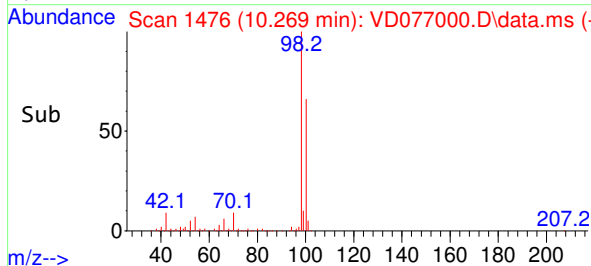
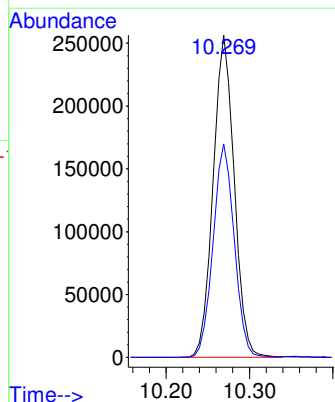
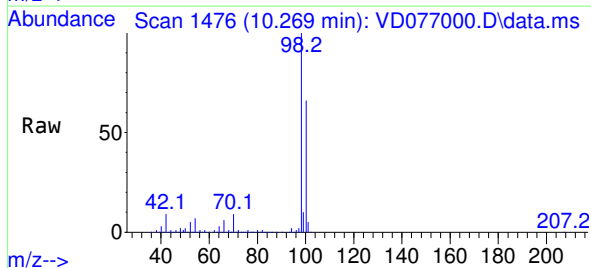




#50
Toluene-d8
Concen: 57.14 ug/l
RT: 10.269 min Scan# 1
Delta R.T. 0.000 min
Lab File: VD077000.D
Acq: 14 Aug 2023 14:46

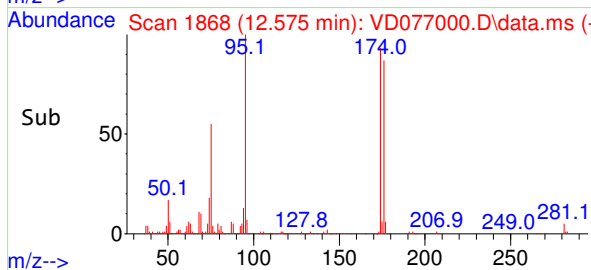
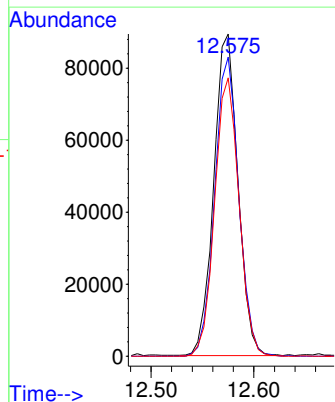
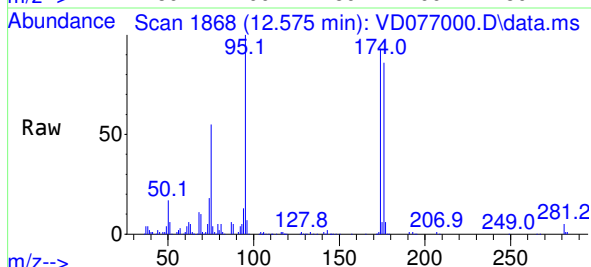
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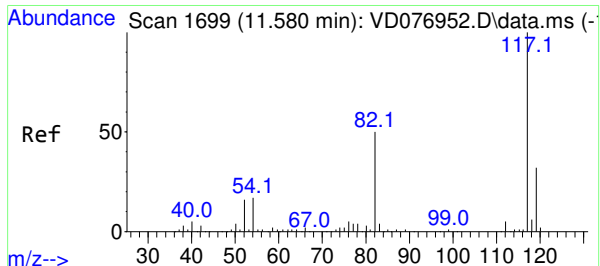
Tgt Ion: 98 Resp: 450931
Ion Ratio Lower Upper
98 100
100 66.3 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 53.10 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD077000.D
Acq: 14 Aug 2023 14:46

Tgt Ion: 95 Resp: 146491
Ion Ratio Lower Upper
95 100
174 92.8 0.0 201.8
176 87.2 0.0 191.8

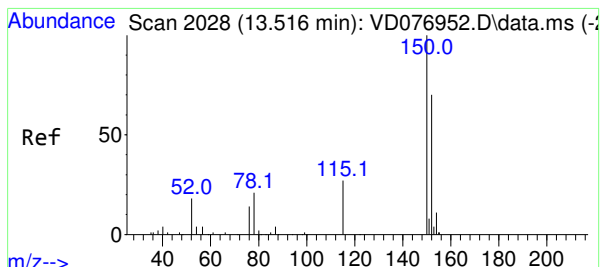
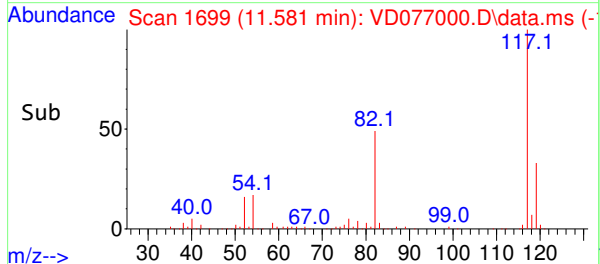
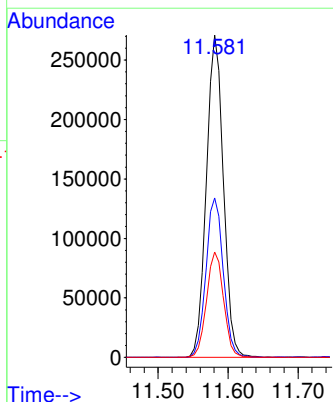
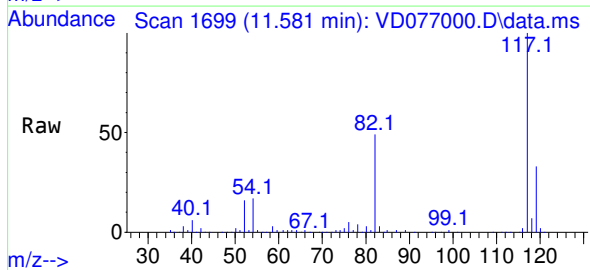




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.581 min Scan# 1
Delta R.T. 0.001 min
Lab File: VD077000.D
Acq: 14 Aug 2023 14:46

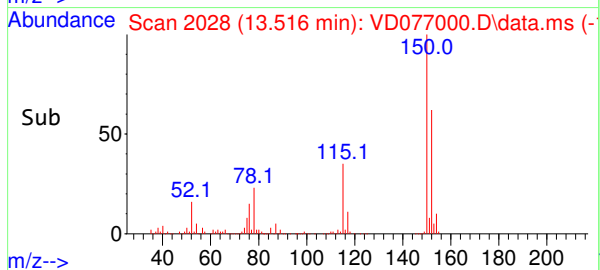
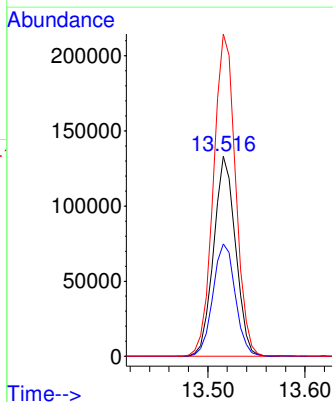
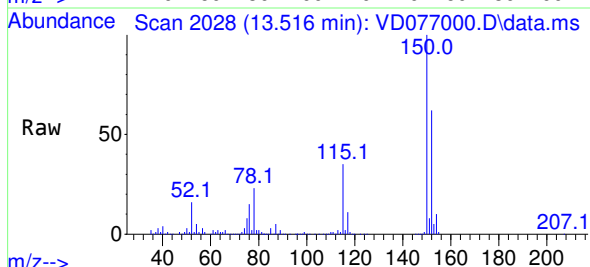
Instrument :
MSVOA_D
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B-PP08A

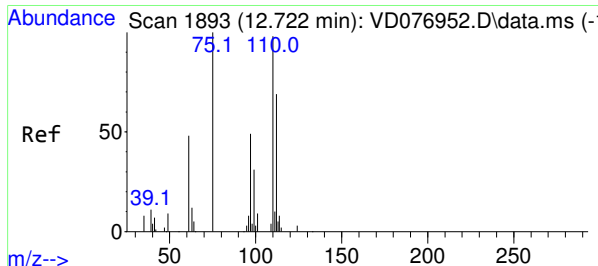
Tgt Ion:117 Resp: 456362
Ion Ratio Lower Upper
117 100
82 49.4 38.3 57.5
119 32.7 25.0 37.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.000 min
Lab File: VD077000.D
Acq: 14 Aug 2023 14:46

Tgt Ion:152 Resp: 207707
Ion Ratio Lower Upper
152 100
115 57.7 27.1 81.3
150 163.0 0.0 353.6

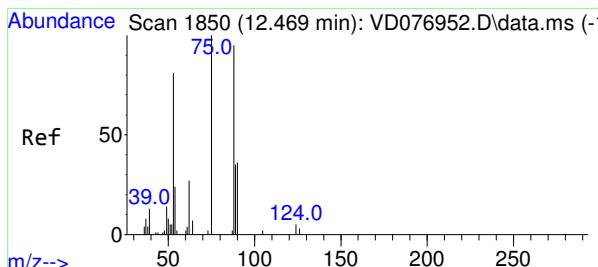
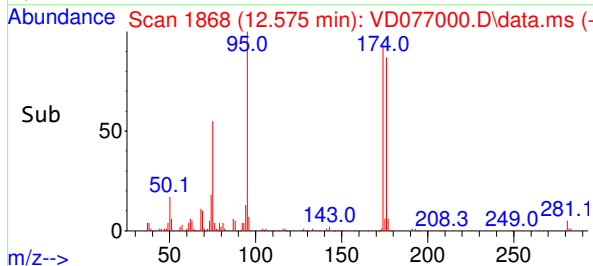
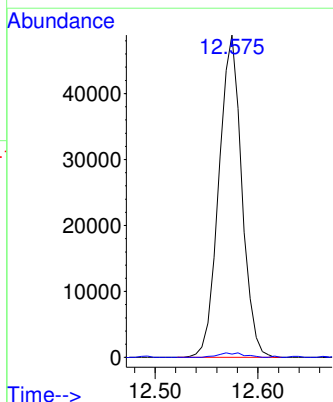
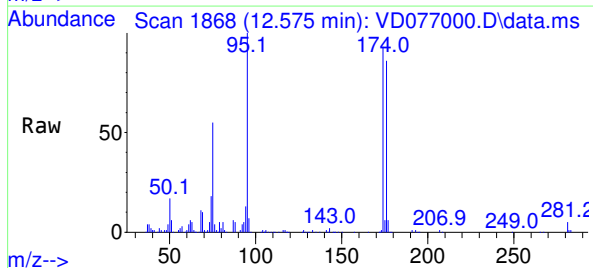




#76
1,2,3-Trichloropropane
Concen: 39.03 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.147 min
Lab File: VD077000.D
Acq: 14 Aug 2023 14:46

Instrument :
MSVOA_D
ClientSampleId :
B-PP08A

Tgt Ion: 75 Resp: 76051
Ion Ratio Lower Upper
75 100
77 1.6 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 91.70 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.106 min
Lab File: VD077000.D
Acq: 14 Aug 2023 14:46

Tgt Ion: 75 Resp: 76051
Ion Ratio Lower Upper
75 100
53 0.0 63.0 94.4#
89 0.0 37.9 56.9#

