

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051823\
 Data File : VD076137.D
 Acq On : 18 May 2023 13:33
 Operator : KP/SY
 Sample : 02826-01
 Misc : 5.05G/10.00ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SU-3-051723

Quant Time: May 19 01:52:54 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051523S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 16 10:08:53 2023
 Response via : Initial Calibration

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

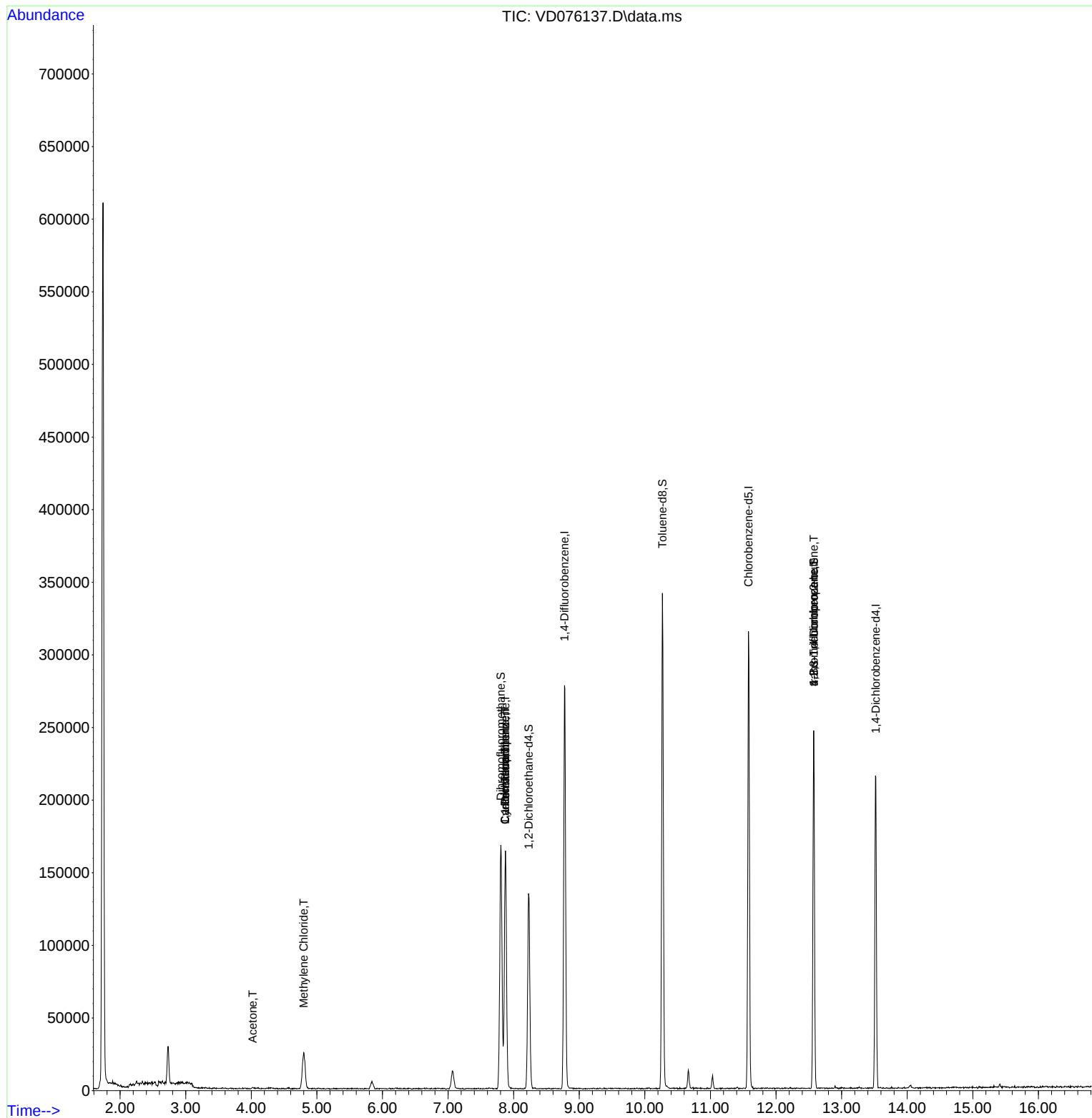
Internal Standards						
1) Pentafluorobenzene	7.875	168	131125	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	262754	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	197144	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	62332	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	104532	82.485	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 164.960%#	
35) Dibromofluoromethane	7.805	113	125824	69.279	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 138.560%	
50) Toluene-d8	10.269	98	253094	35.748	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 71.500%	
62) 4-Bromofluorobenzene	12.575	95	76210	38.750	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 77.500%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.146	50	611	Below Cal	#	40
16) Acetone	4.022	43	1065	4.224	ug/l	99
20) Methylene Chloride	4.799	84	21420	2.290	ug/l #	73
31) Cyclohexane	7.869	56	2683	1.382	ug/l #	1
36) 1,1-Dichloropropene	7.869	75	10229	4.170	ug/l #	48
38) Carbon Tetrachloride	7.869	117	12958	5.849	ug/l #	17
76) 1,2,3-Trichloropropane	12.575	75	37681	69.081	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	37681	144.921	ug/l #	5

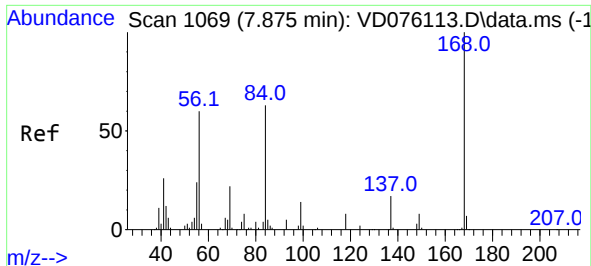
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue May 16 10:08:53 2023
Response via : Initial Calibration

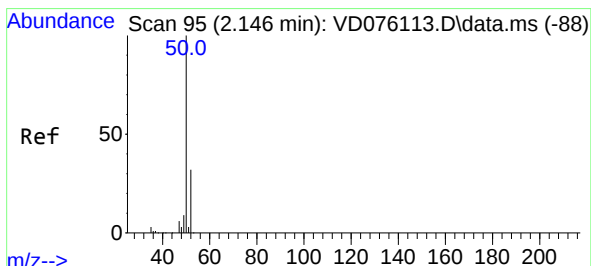
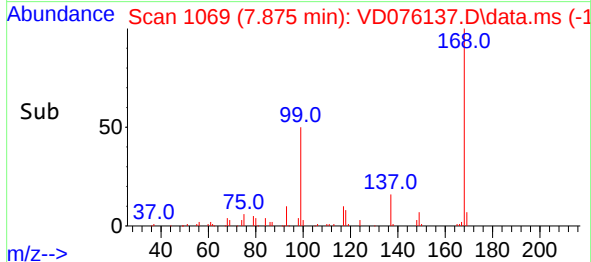
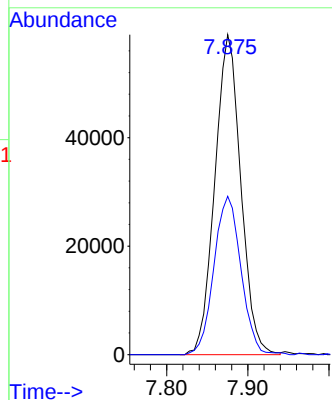
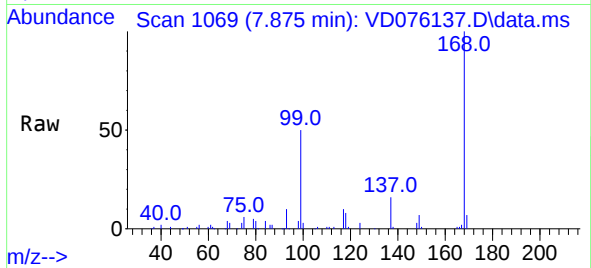




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD076137.D
Acq: 18 May 2023 13:33

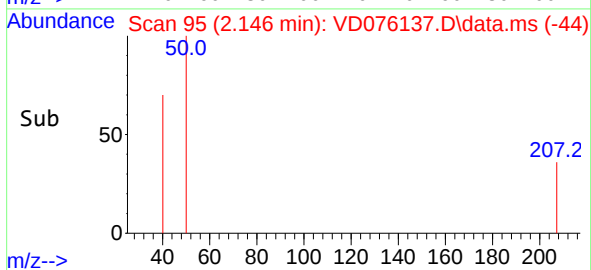
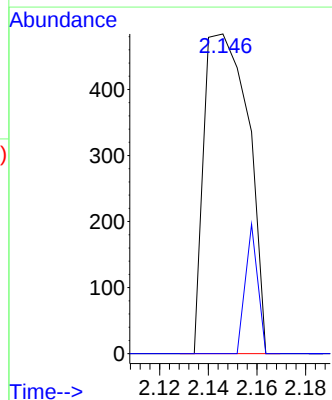
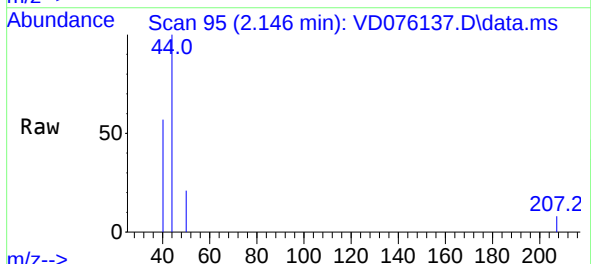
Instrument :
MSVOA_D
ClientSampleId :
SU-3-051723

Tgt Ion:168 Resp: 131125
Ion Ratio Lower Upper
168 100
99 49.5 43.8 65.6



#3
Chloromethane
Concen: Below Cal
RT: 2.146 min Scan# 95
Delta R.T. -0.000 min
Lab File: VD076137.D
Acq: 18 May 2023 13:33

Tgt Ion: 50 Resp: 611
Ion Ratio Lower Upper
50 100
52 0.0 27.8 41.8#

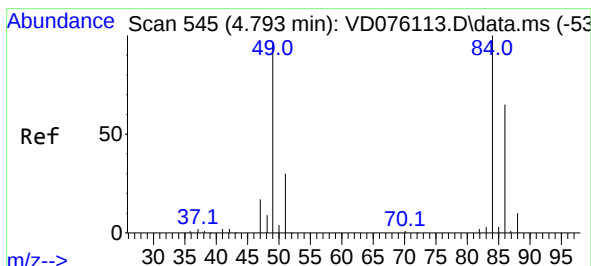
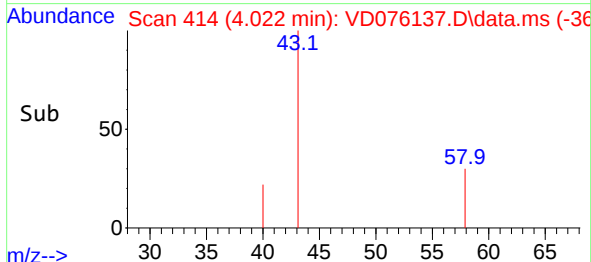
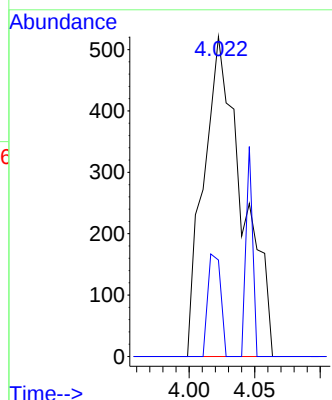
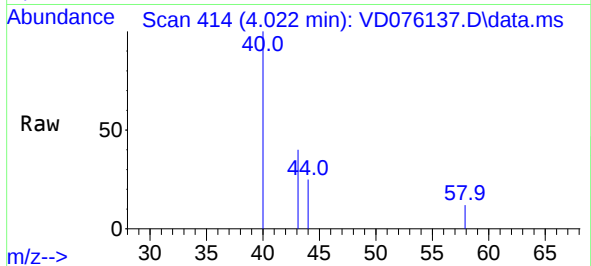




#16
Acetone
Concen: 4.224 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.000 min
Lab File: VD076137.D
Acq: 18 May 2023 13:33

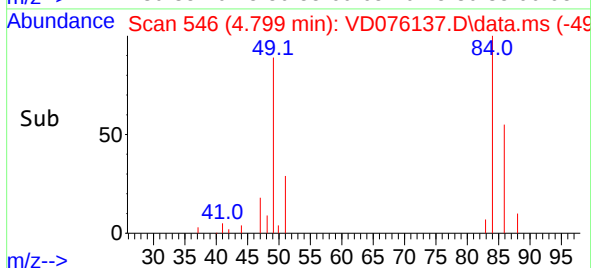
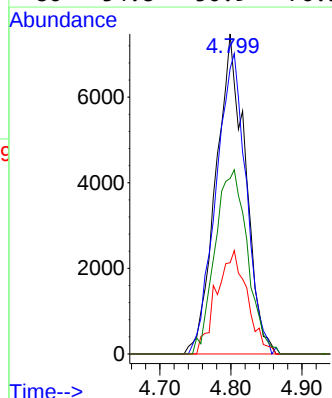
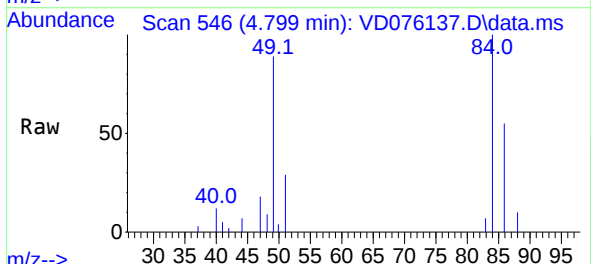
Instrument :
MSVOA_D
ClientSampleId :
SU-3-051723

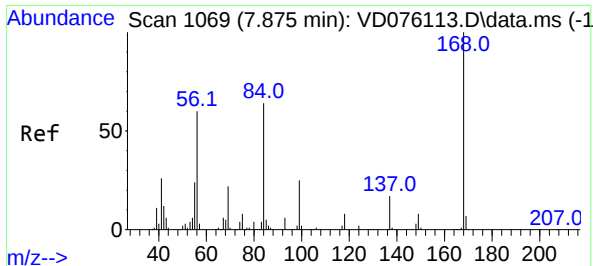
Tgt Ion: 43 Resp: 1065
Ion Ratio Lower Upper
43 100
58 30.1 24.4 36.6



#20
Methylene Chloride
Concen: 2.290 ug/l
RT: 4.799 min Scan# 546
Delta R.T. -0.000 min
Lab File: VD076137.D
Acq: 18 May 2023 13:33

Tgt Ion: 84 Resp: 21420
Ion Ratio Lower Upper
84 100
49 89.2 106.4 159.6#
51 28.5 32.4 48.6#
86 54.8 50.9 76.3

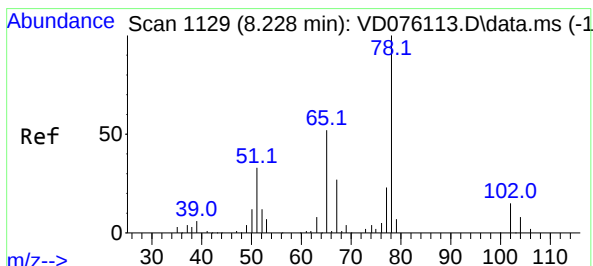
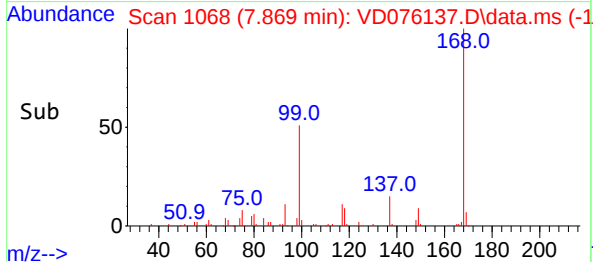
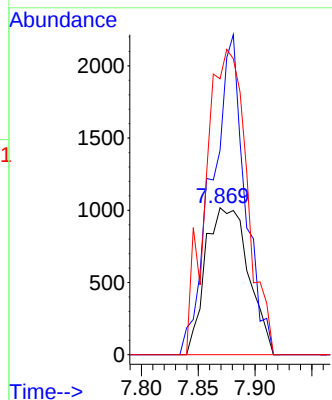
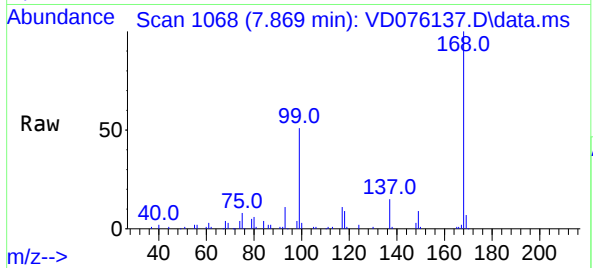




#31
Cyclohexane
Concen: 1.382 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. -0.006 min
Lab File: VD076137.D
Acq: 18 May 2023 13:33

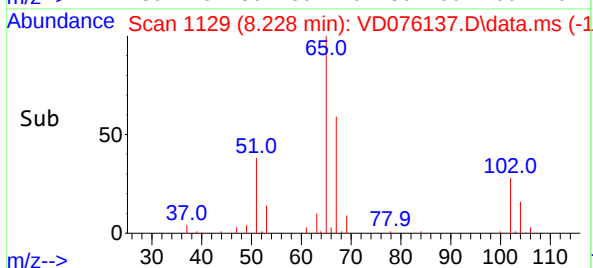
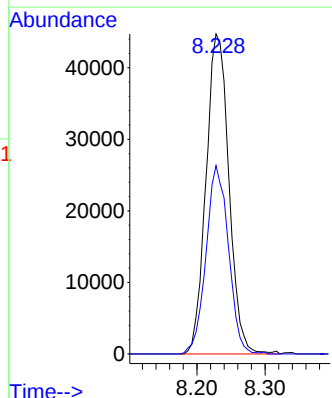
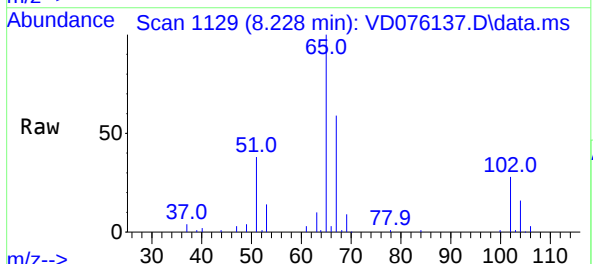
Instrument :
MSVOA_D
ClientSampleId :
SU-3-051723

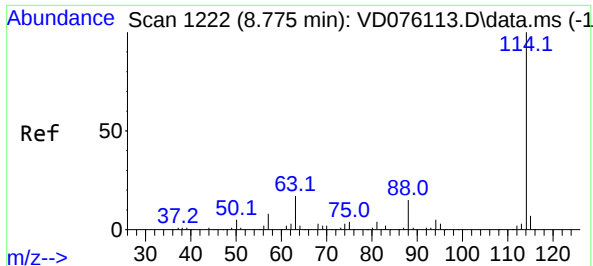
Tgt Ion: 56 Resp: 2683
Ion Ratio Lower Upper
56 100
69 139.1 25.5 38.3#
84 187.8 69.6 104.4#



#33
1,2-Dichloroethane-d4
Concen: 82.485 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.006 min
Lab File: VD076137.D
Acq: 18 May 2023 13:33

Tgt Ion: 65 Resp: 104532
Ion Ratio Lower Upper
65 100
67 57.6 0.0 102.2



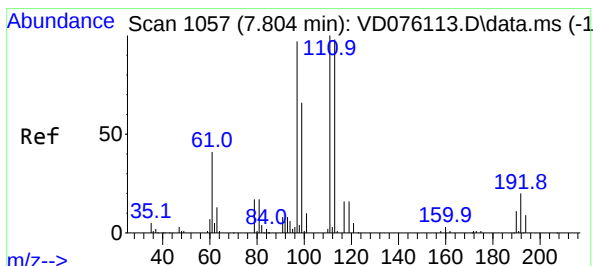
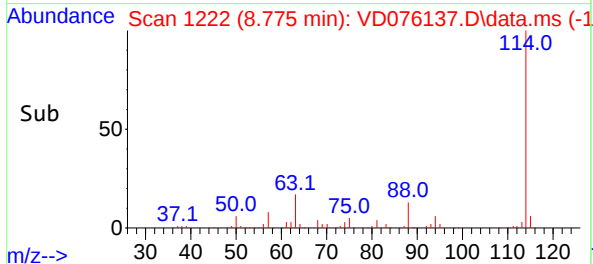
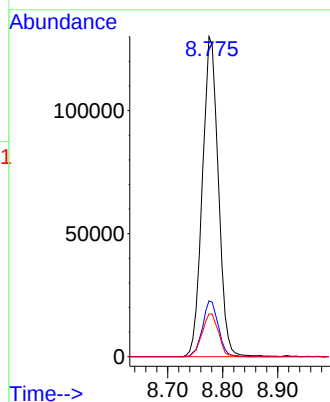
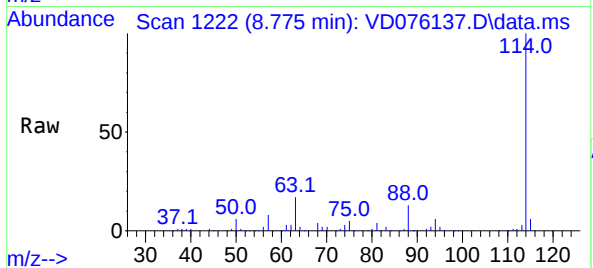


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD076137.D
Acq: 18 May 2023 13:33

Instrument :
MSVOA_D
ClientSampleId :
SU-3-051723

Tgt Ion:114 Resp: 262754

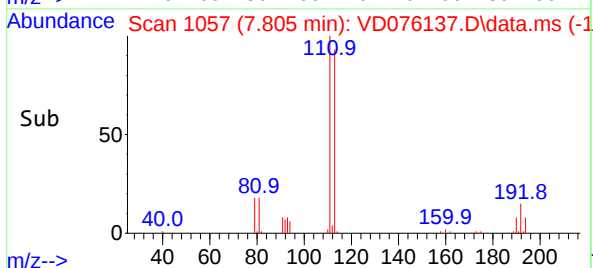
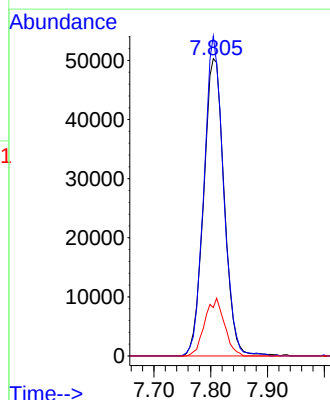
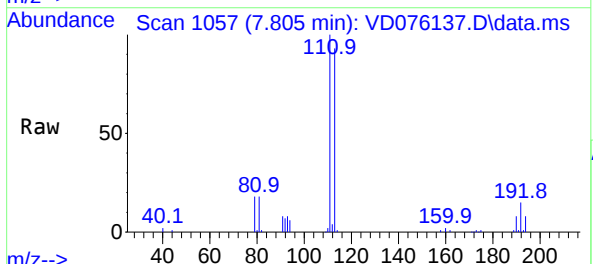
Ion	Ratio	Lower	Upper
114	100		
63	17.4	0.0	41.6
88	13.4	0.0	30.6

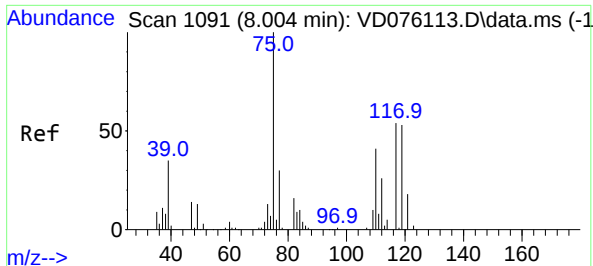


#35
Dibromofluoromethane
Concen: 69.279 ug/l
RT: 7.805 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VD076137.D
Acq: 18 May 2023 13:33

Tgt Ion:113 Resp: 125824

Ion	Ratio	Lower	Upper
113	100		
111	102.1	81.4	122.0
192	18.6	15.2	22.8

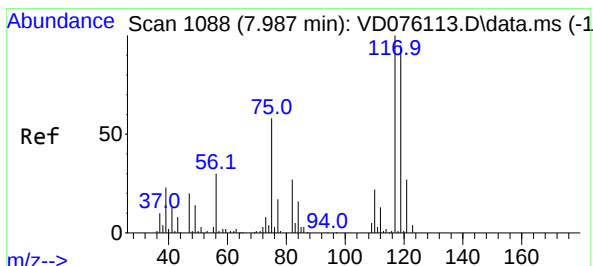
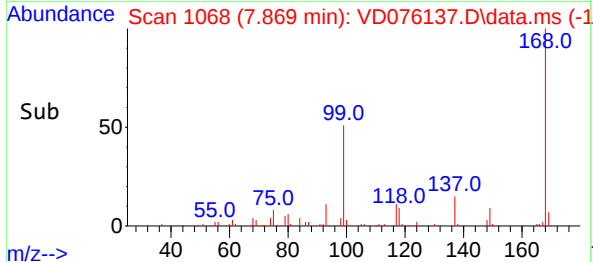
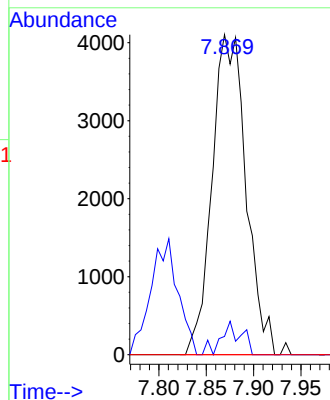
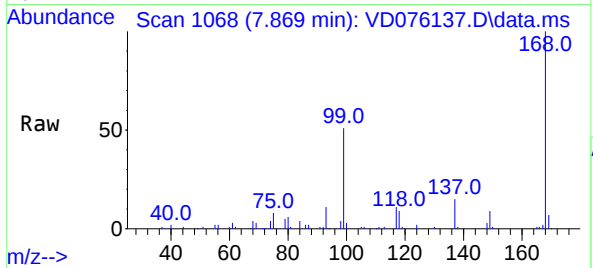




#36
1,1-Dichloropropene
Concen: 4.170 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. -0.141 min
Lab File: VD076137.D
Acq: 18 May 2023 13:33

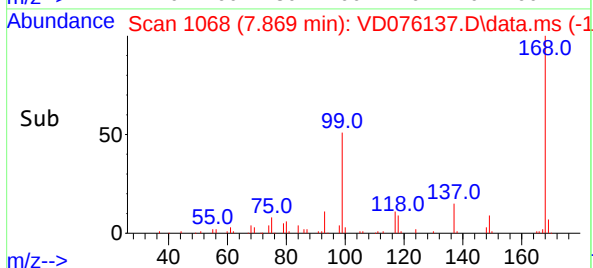
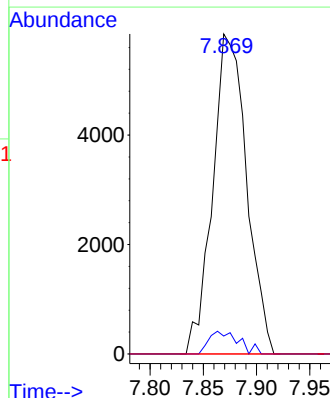
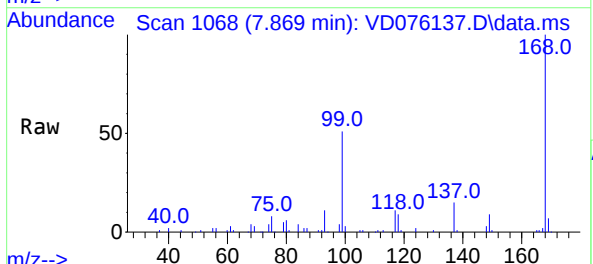
Instrument :
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ClientSampleId :
SU-3-051723

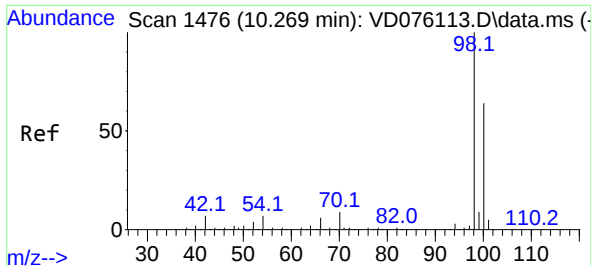
Tgt Ion: 75 Resp: 10229
Ion Ratio Lower Upper
75 100
110 6.2 17.1 51.2#
77 0.0 24.6 36.8#



#38
Carbon Tetrachloride
Concen: 5.849 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. -0.124 min
Lab File: VD076137.D
Acq: 18 May 2023 13:33

Tgt Ion: 117 Resp: 12958
Ion Ratio Lower Upper
117 100
119 5.6 74.7 112.1#
121 0.0 25.9 38.9#

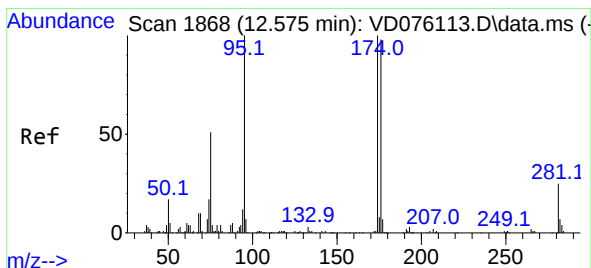
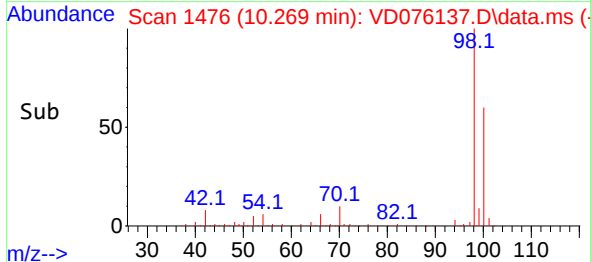
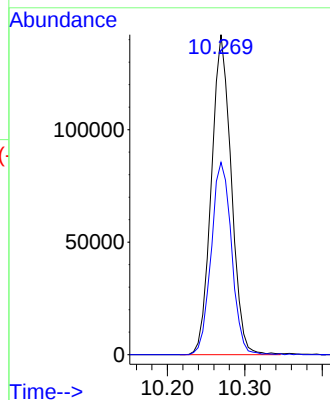
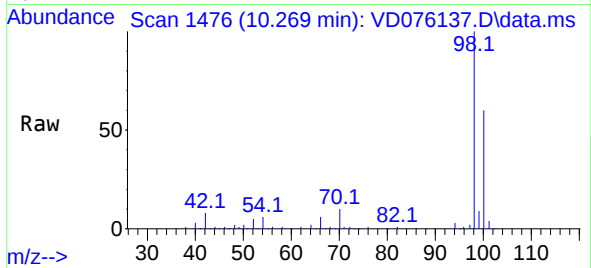




#50
Toluene-d8
Concen: 35.748 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD076137.D
Acq: 18 May 2023 13:33

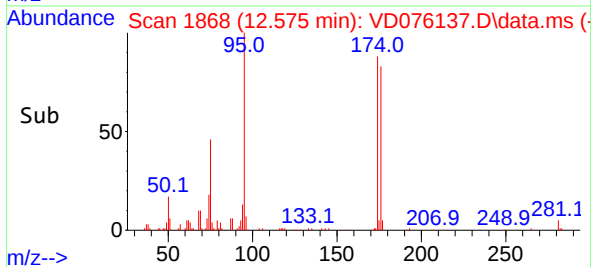
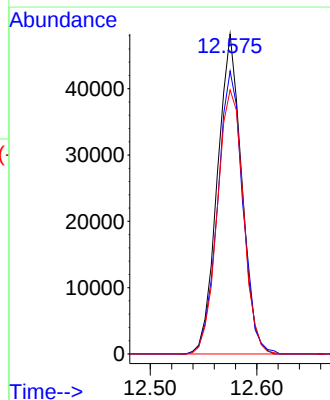
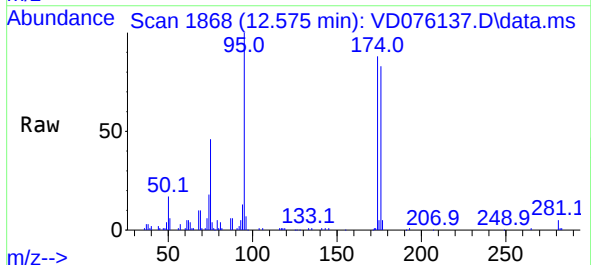
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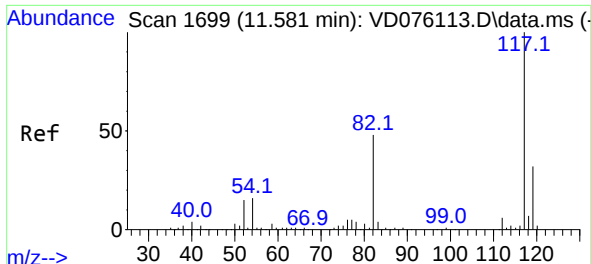
Tgt Ion: 98 Resp: 253094
Ion Ratio Lower Upper
98 100
100 61.6 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 38.750 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076137.D
Acq: 18 May 2023 13:33

Tgt Ion: 95 Resp: 76210
Ion Ratio Lower Upper
95 100
174 91.7 0.0 164.0
176 88.3 0.0 156.8

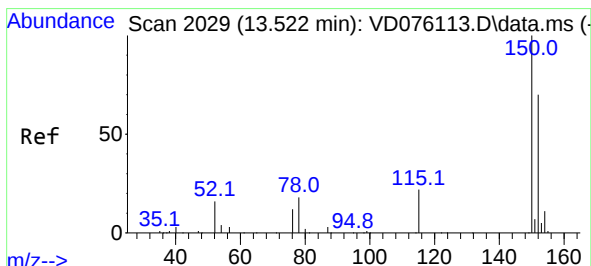
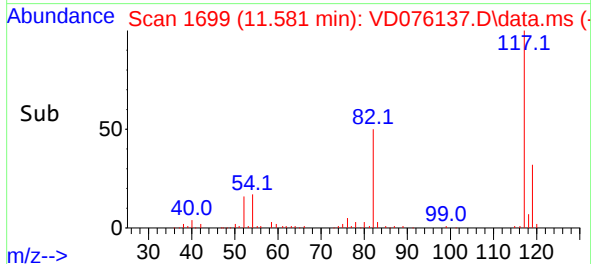
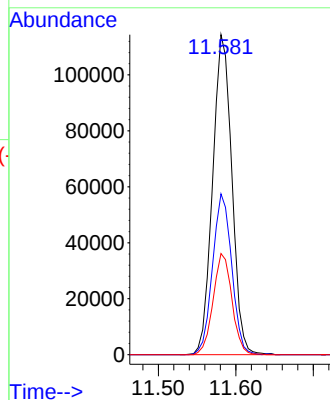
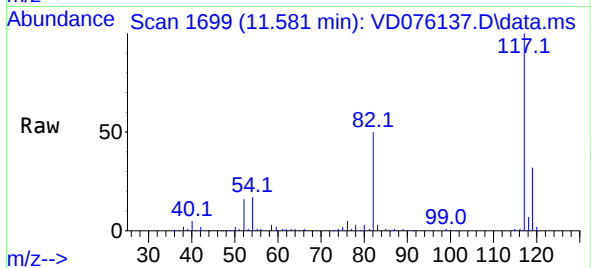




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD076137.D
Acq: 18 May 2023 13:33

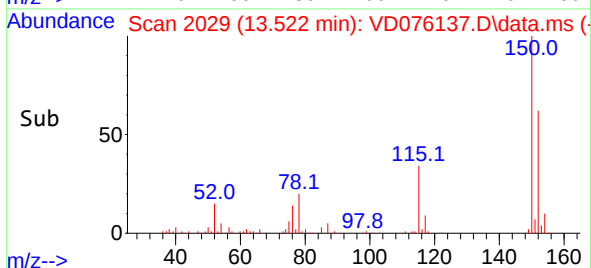
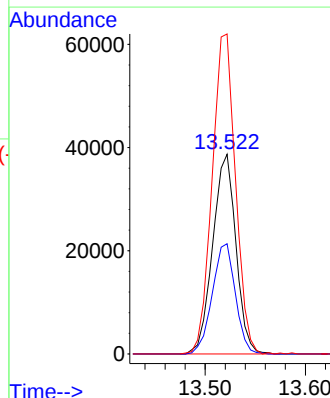
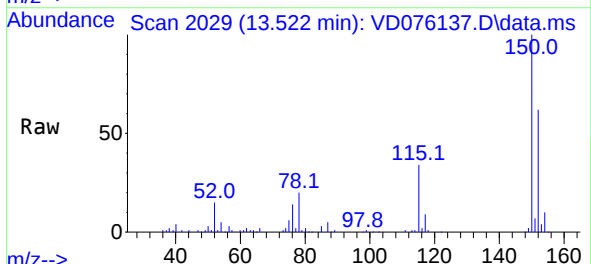
Instrument :
MSVOA_D
ClientSampleId :
SU-3-051723

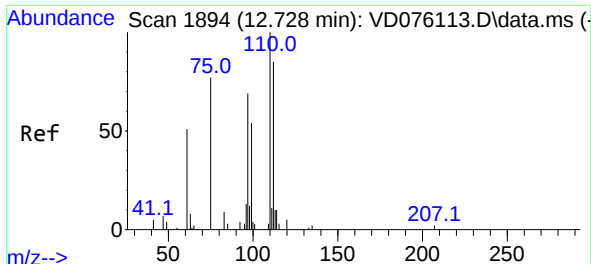
Tgt Ion:117 Resp: 197144
Ion Ratio Lower Upper
117 100
82 50.3 44.0 66.0
119 31.6 25.1 37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. -0.000 min
Lab File: VD076137.D
Acq: 18 May 2023 13:33

Tgt Ion:152 Resp: 62332
Ion Ratio Lower Upper
152 100
115 54.9 30.1 90.3
150 161.0 0.0 364.8

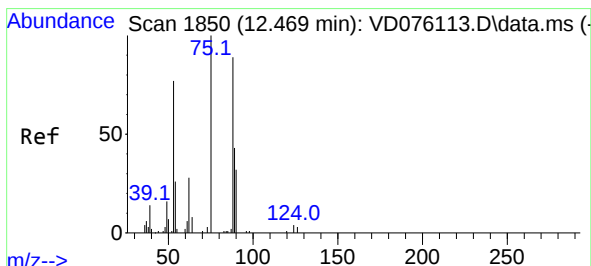
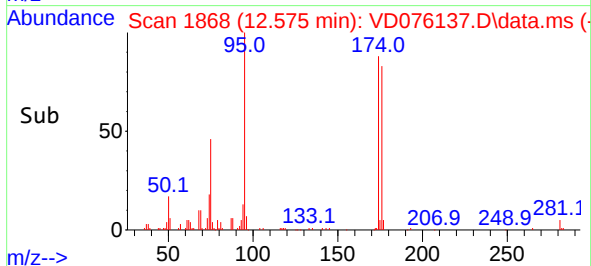
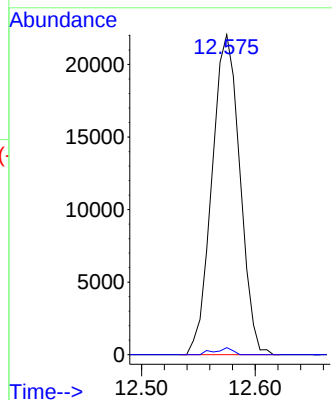
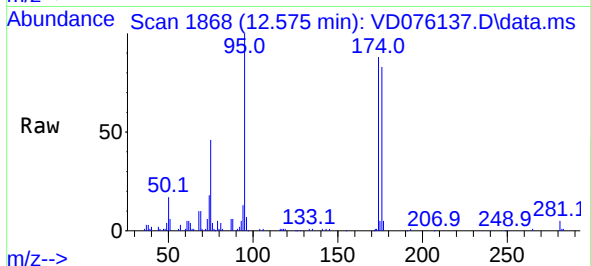




#76
1,2,3-Trichloropropane
Concen: 69.081 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.153 min
Lab File: VD076137.D
Acq: 18 May 2023 13:33

Instrument :
MSVOA_D
ClientSampleId :
SU-3-051723

Tgt Ion: 75 Resp: 37681
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 144.921 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.100 min
Lab File: VD076137.D
Acq: 18 May 2023 13:33

Tgt Ion: 75 Resp: 37681
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 40.2 60.4#

