

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051823\
 Data File : VD076136.D
 Acq On : 18 May 2023 13:04
 Operator : KP/SY
 Sample : 02823-03
 Misc : 5.00G/10.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 HD-02-051723

Quant Time: May 19 01:52:42 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)

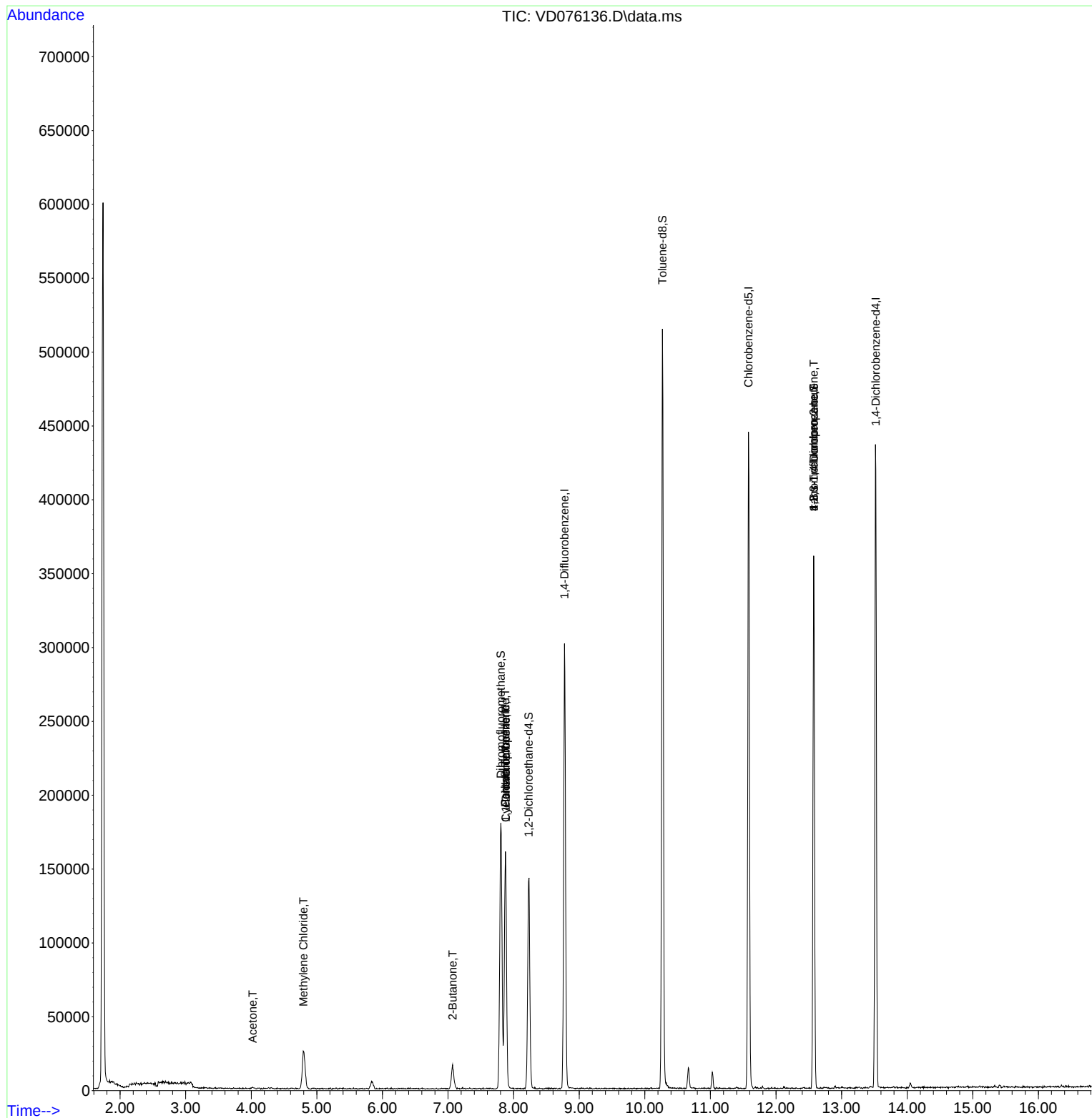
Internal Standards						
1) Pentafluorobenzene	7.875	168	132635	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	278315	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	278608	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	131601	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	109943	85.767	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 171.540%#	
35) Dibromofluoromethane	7.805	113	134296	69.809	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 139.620%	
50) Toluene-d8	10.269	98	379430	50.595	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 101.200%	
62) 4-Bromofluorobenzene	12.575	95	109441	52.535	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 105.060%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.146	50	560	Below Cal	#	40
16) Acetone	4.022	43	922	3.615	ug/l #	84
17) Carbon Disulfide	4.275	76	117	Below Cal	#	73
20) Methylene Chloride	4.793	84	21945	2.449	ug/l #	77
25) 2-Butanone	7.069	43	519	1.618	ug/l #	50
31) Cyclohexane	7.881	56	2914	1.484	ug/l #	14
36) 1,1-Dichloropropene	7.881	75	10495	4.039	ug/l #	49
38) Carbon Tetrachloride	7.875	117	11663	4.970	ug/l #	16
76) 1,2,3-Trichloropropane	12.575	75	55827	48.477	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	55827	101.697	ug/l #	5

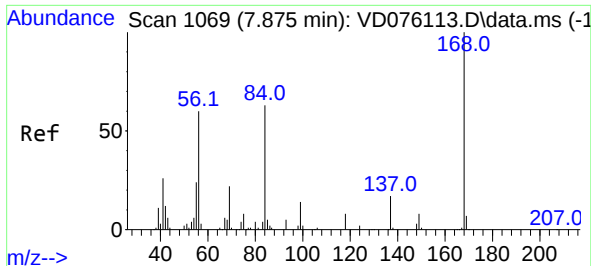
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue May 16 10:08:53 2023
Response via : Initial Calibration

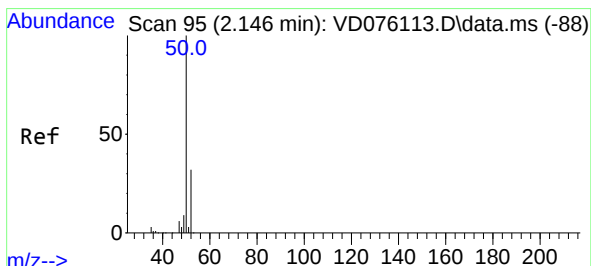
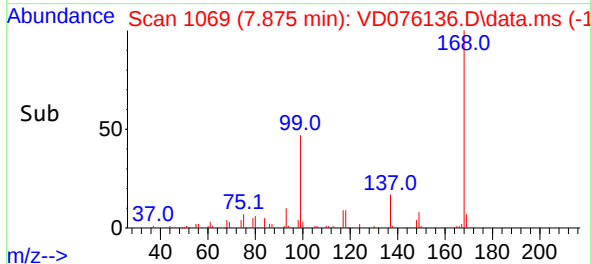
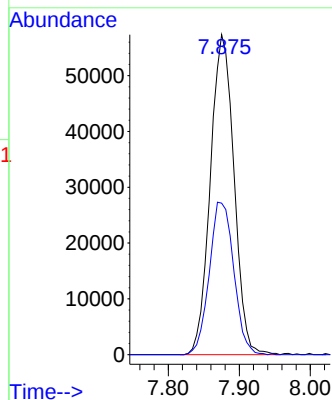
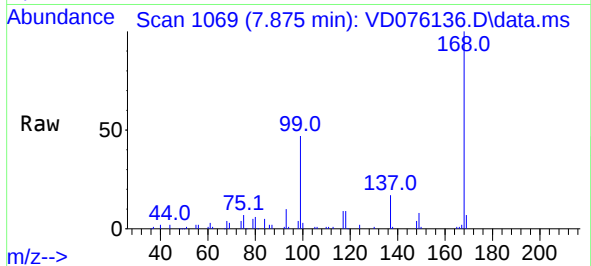




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD076136.D
Acq: 18 May 2023 13:04

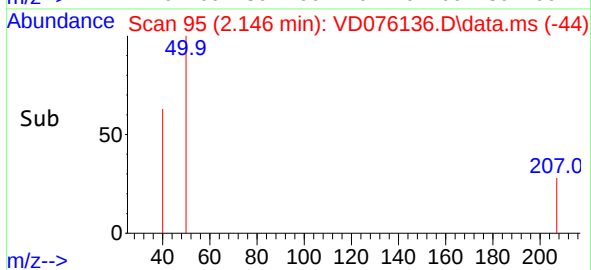
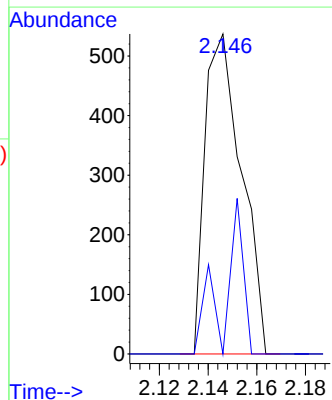
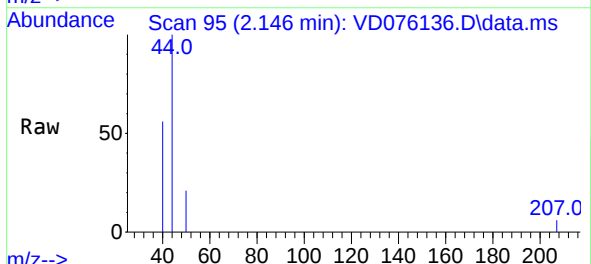
Instrument :
MSVOA_D
ClientSampleId :
HD-02-051723

Tgt Ion:168 Resp: 132635
Ion Ratio Lower Upper
168 100
99 47.3 43.8 65.6



#3
Chloromethane
Concen: Below Cal
RT: 2.146 min Scan# 95
Delta R.T. 0.000 min
Lab File: VD076136.D
Acq: 18 May 2023 13:04

Tgt Ion: 50 Resp: 560
Ion Ratio Lower Upper
50 100
52 0.0 27.8 41.8#

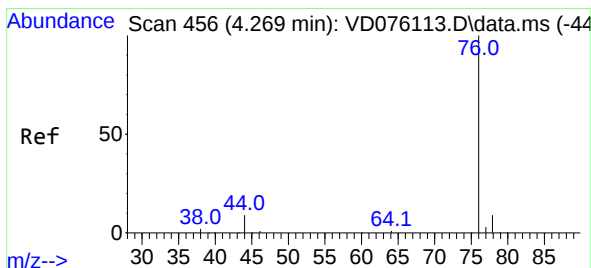
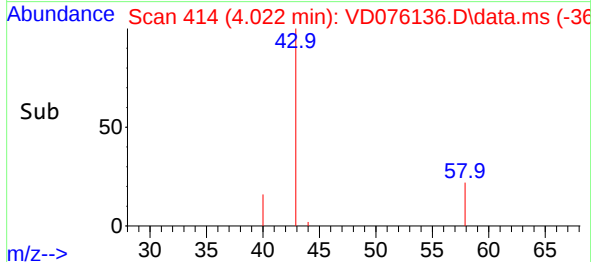
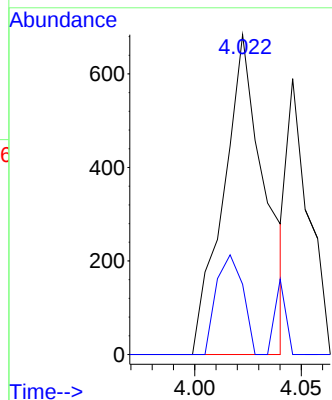
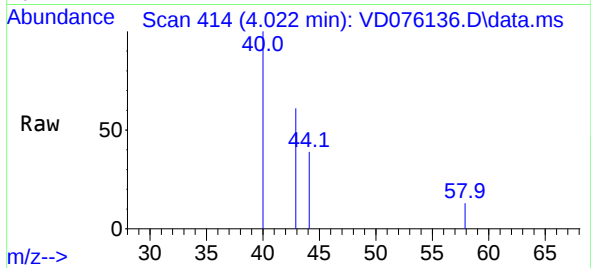




#16
Acetone
Concen: 3.615 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.000 min
Lab File: VD076136.D
Acq: 18 May 2023 13:04

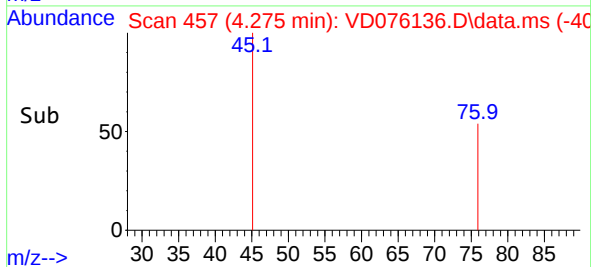
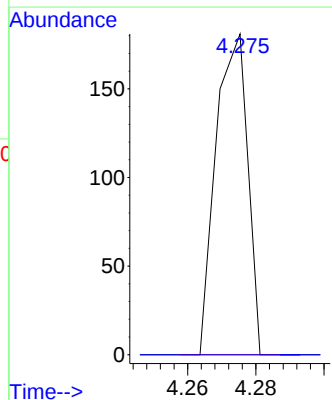
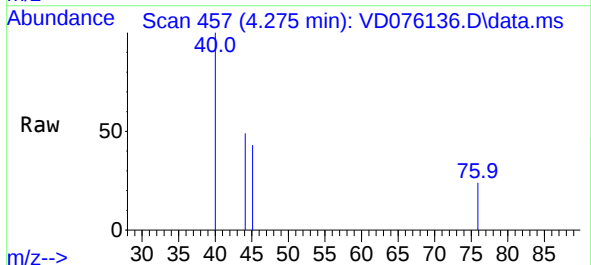
Instrument :
MSVOA_D
ClientSampleId :
HD-02-051723

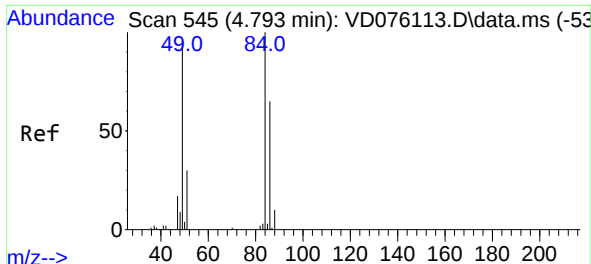
Tgt Ion: 43 Resp: 922
Ion Ratio Lower Upper
43 100
58 21.9 24.4 36.6#



#17
Carbon Disulfide
Concen: Below Cal
RT: 4.275 min Scan# 457
Delta R.T. 0.006 min
Lab File: VD076136.D
Acq: 18 May 2023 13:04

Tgt Ion: 76 Resp: 117
Ion Ratio Lower Upper
76 100
78 0.0 8.0 12.0#

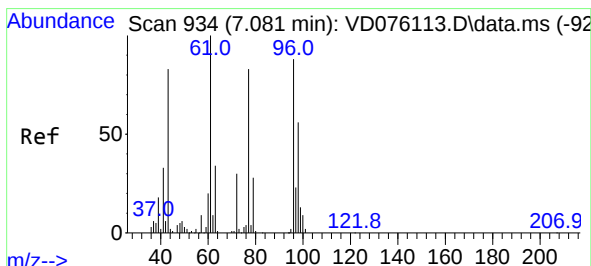
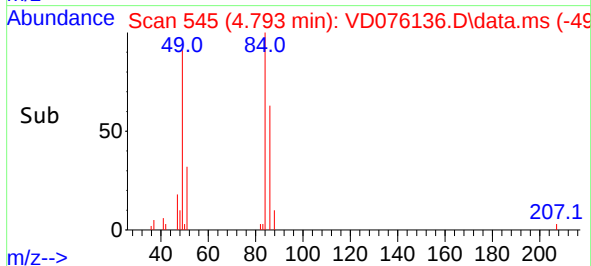
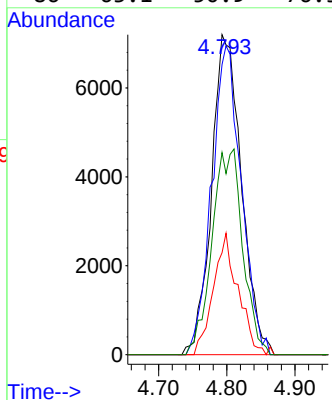
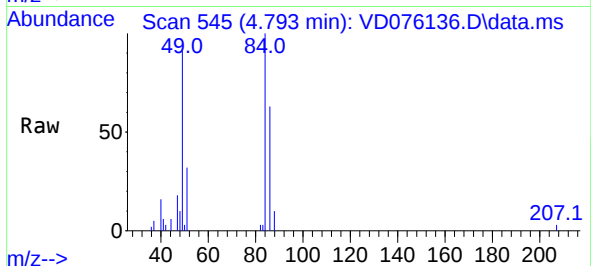




#20
Methylene Chloride
Concen: 2.449 ug/l
RT: 4.793 min Scan# 545
Delta R.T. -0.006 min
Lab File: VD076136.D
Acq: 18 May 2023 13:04

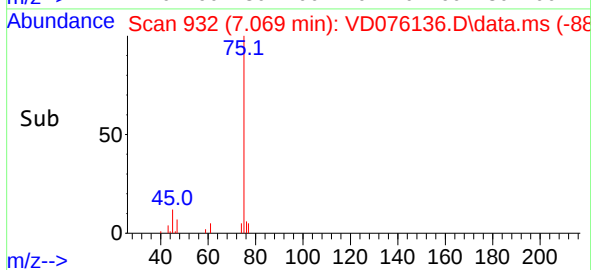
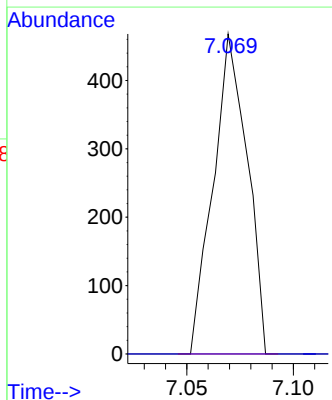
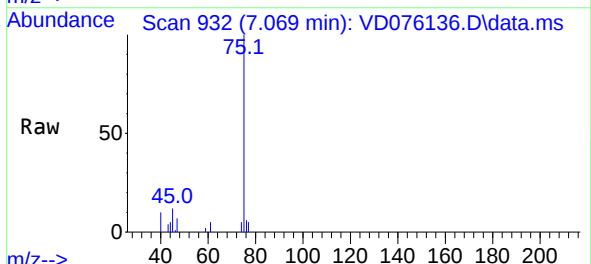
Instrument :
MSVOA_D
ClientSampleId :
HD-02-051723

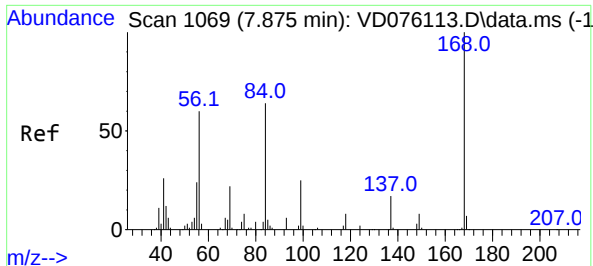
Tgt Ion:	84	Resp:	21945
Ion	Ratio	Lower	Upper
84	100		
49	90.7	106.4	159.6#
51	31.8	32.4	48.6#
86	63.1	50.9	76.3



#25
2-Butanone
Concen: 1.618 ug/l
RT: 7.069 min Scan# 932
Delta R.T. -0.012 min
Lab File: VD076136.D
Acq: 18 May 2023 13:04

Tgt Ion:	43	Resp:	519
Ion	Ratio	Lower	Upper
43	100		
72	0.0	19.8	29.8#



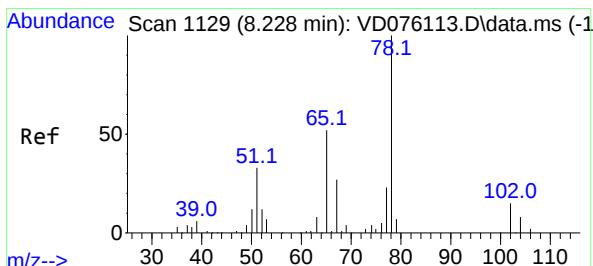
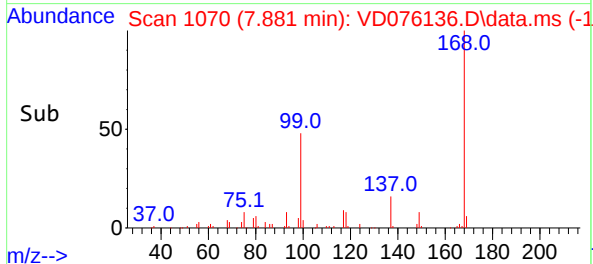
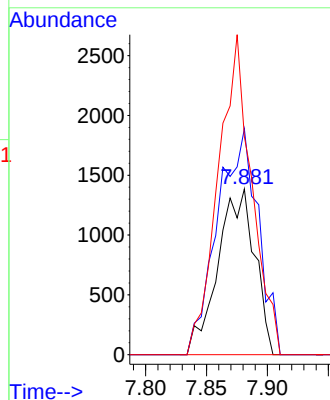
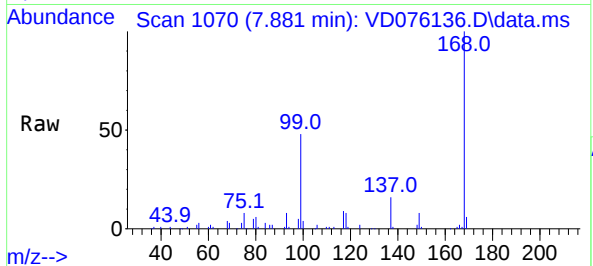


#31
Cyclohexane
Concen: 1.484 ug/l
RT: 7.881 min Scan# 1069
Delta R.T. 0.006 min
Lab File: VD076136.D
Acq: 18 May 2023 13:04

Instrument :
MSVOA_D
ClientSampleId :
HD-02-051723

Tgt Ion: 56 Resp: 2914

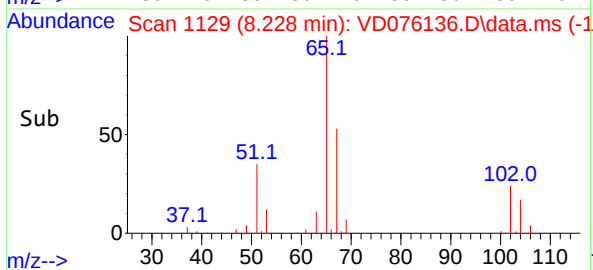
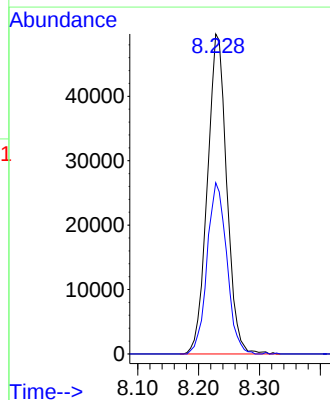
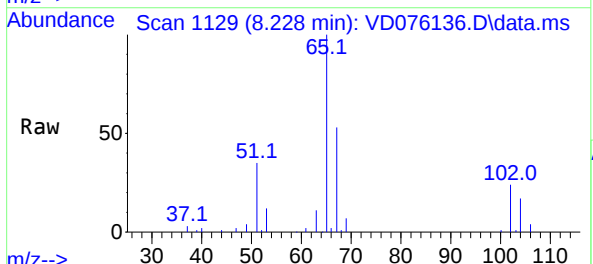
Ion	Ratio	Lower	Upper
56	100		
69	136.3	25.5	38.3#
84	131.7	69.6	104.4#

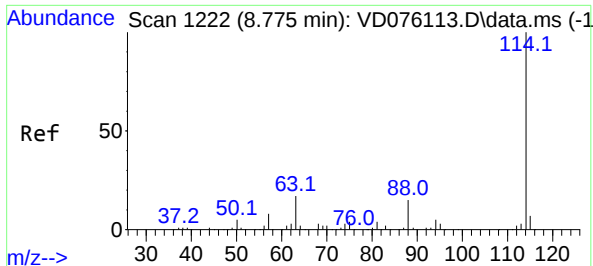


#33
1,2-Dichloroethane-d4
Concen: 85.767 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.006 min
Lab File: VD076136.D
Acq: 18 May 2023 13:04

Tgt Ion: 65 Resp: 109943

Ion	Ratio	Lower	Upper
65	100		
67	54.3	0.0	102.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD076136.D

Acq: 18 May 2023 13:04

Instrument :

MSVOA_D

ClientSampleId :

HD-02-051723

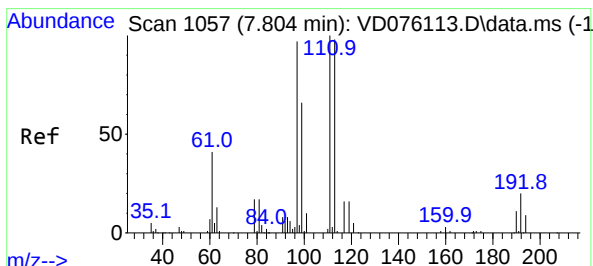
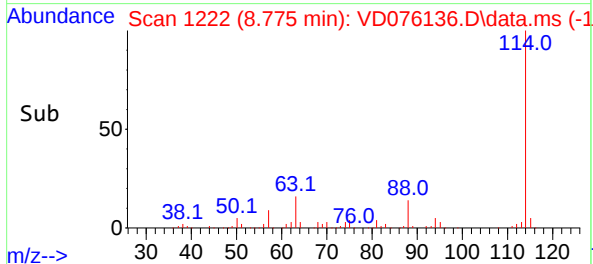
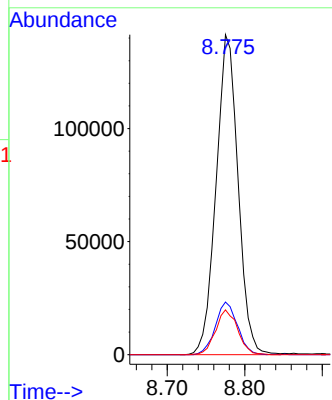
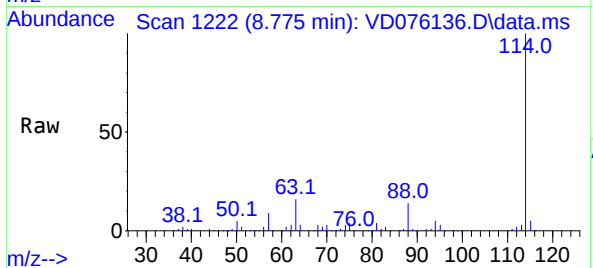
Tgt Ion:114 Resp: 278315

Ion Ratio Lower Upper

114 100

63 16.5 0.0 41.6

88 14.0 0.0 30.6



#35

Dibromofluoromethane

Concen: 69.809 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD076136.D

Acq: 18 May 2023 13:04

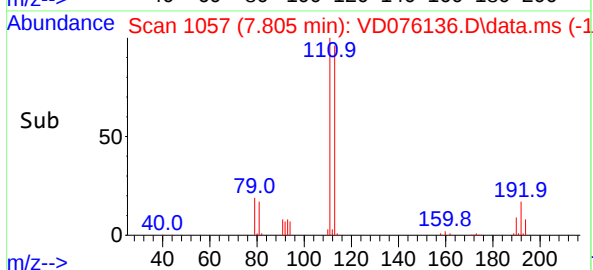
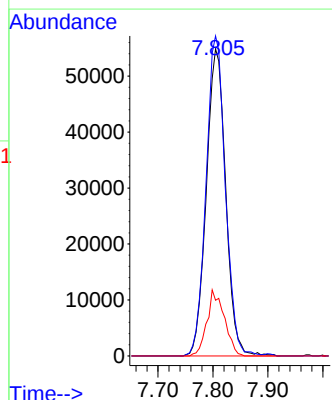
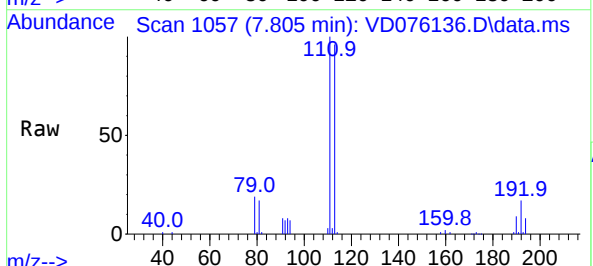
Tgt Ion:113 Resp: 134296

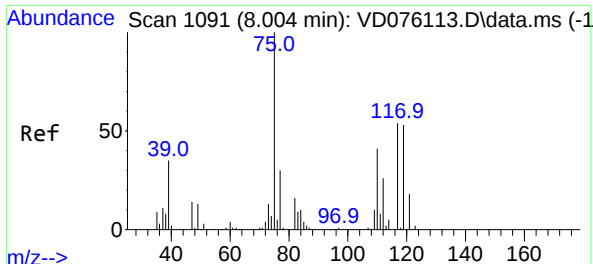
Ion Ratio Lower Upper

113 100

111 103.8 81.4 122.0

192 19.3 15.2 22.8

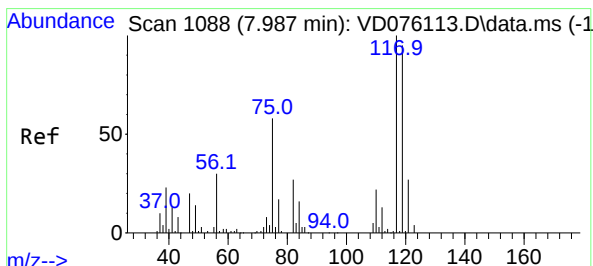
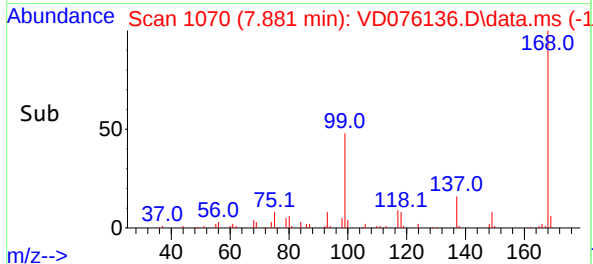
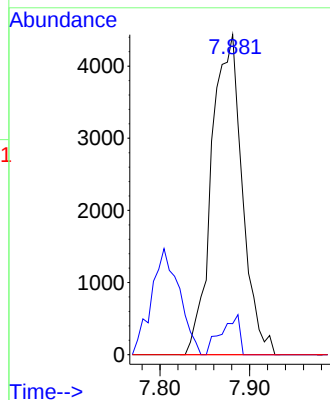
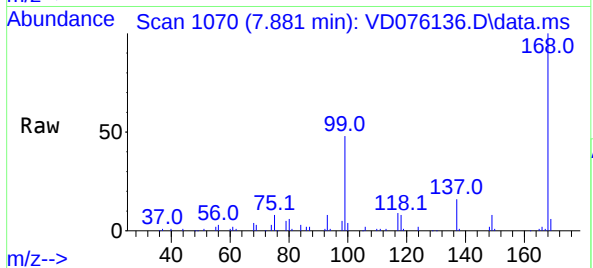




#36
1,1-Dichloropropene
Concen: 4.039 ug/l
RT: 7.881 min Scan# 1069
Delta R.T. -0.129 min
Lab File: VD076136.D
Acq: 18 May 2023 13:04

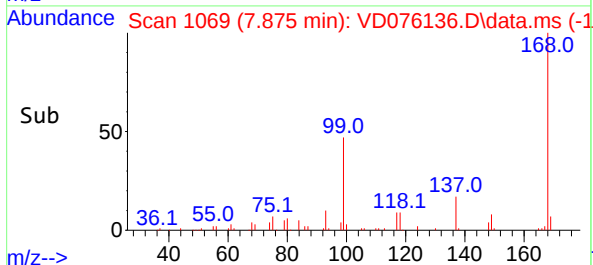
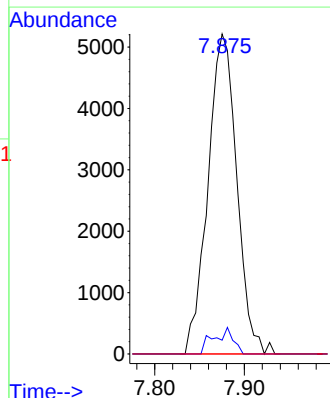
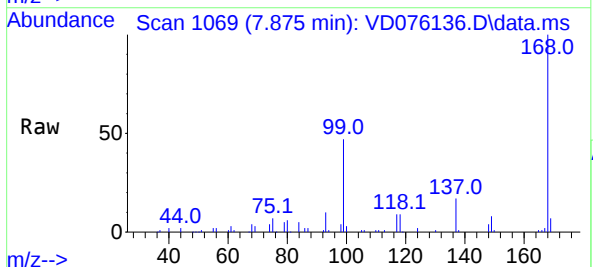
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HD-02-051723

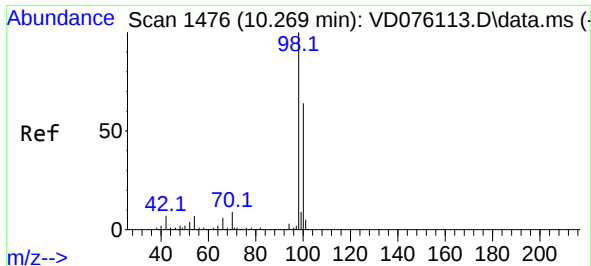
Tgt Ion: 75 Resp: 10495
Ion Ratio Lower Upper
75 100
110 7.4 17.1 51.2#
77 0.0 24.6 36.8#



#38
Carbon Tetrachloride
Concen: 4.970 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.118 min
Lab File: VD076136.D
Acq: 18 May 2023 13:04

Tgt Ion: 117 Resp: 11663
Ion Ratio Lower Upper
117 100
119 4.3 74.7 112.1#
121 0.0 25.9 38.9#

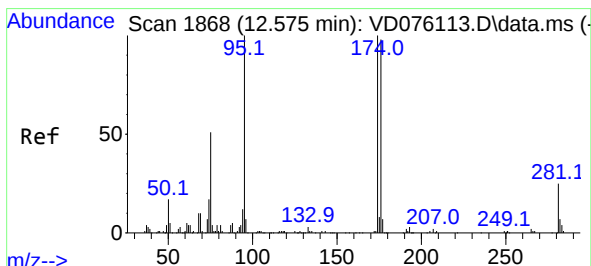
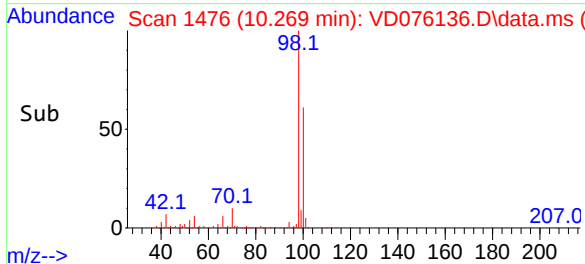
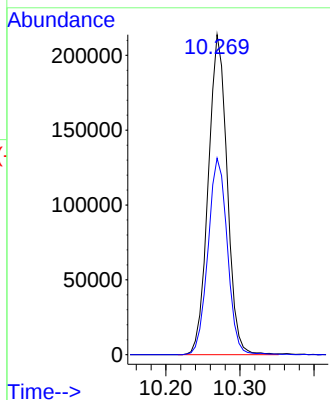
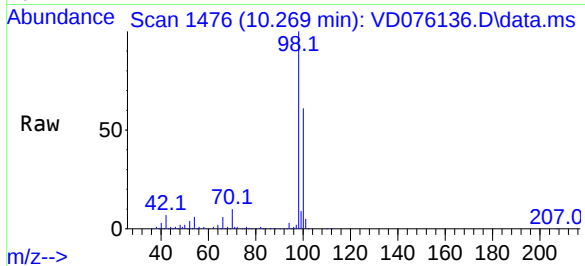




#50
Toluene-d8
Concen: 50.595 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD076136.D
Acq: 18 May 2023 13:04

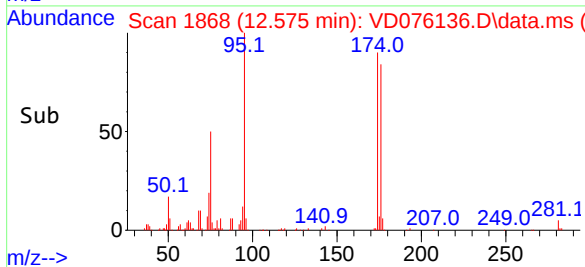
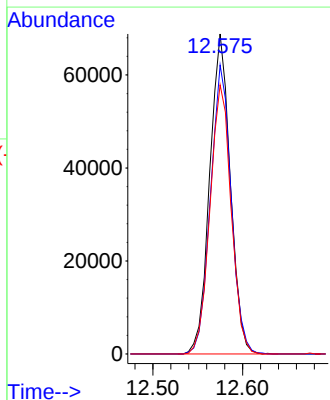
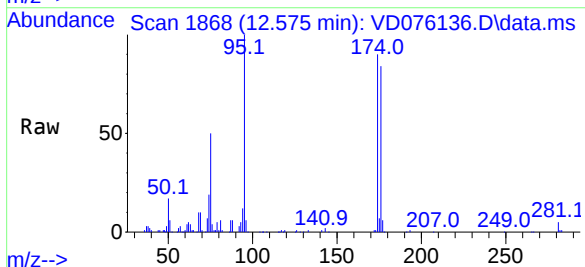
Instrument :
MSVOA_D
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HD-02-051723

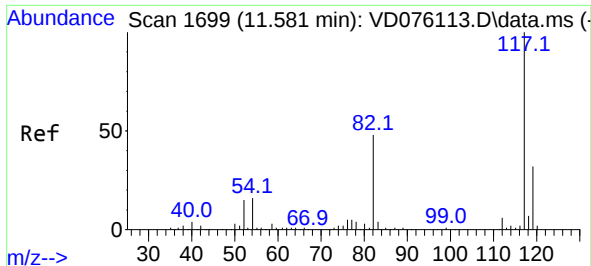
Tgt Ion: 98 Resp: 379430
Ion Ratio Lower Upper
98 100
100 62.7 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 52.535 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076136.D
Acq: 18 May 2023 13:04

Tgt Ion: 95 Resp: 109441
Ion Ratio Lower Upper
95 100
174 90.7 0.0 164.0
176 86.2 0.0 156.8

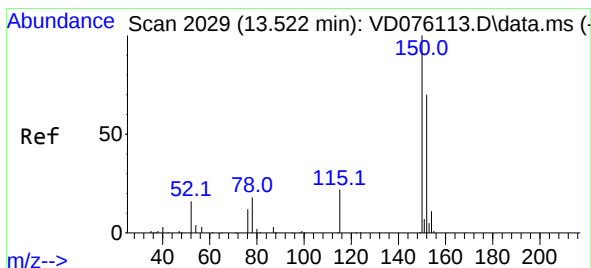
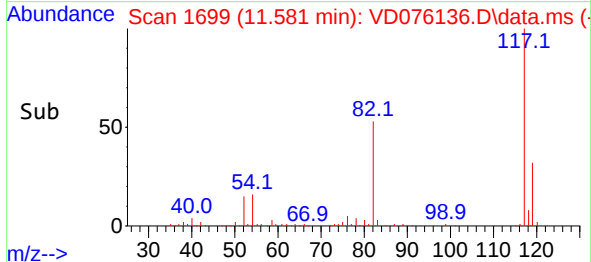
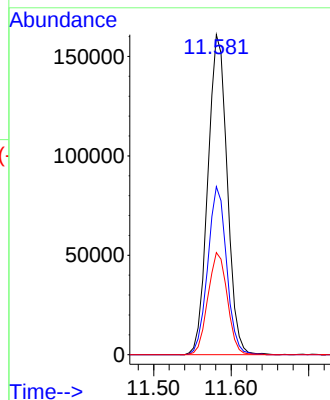
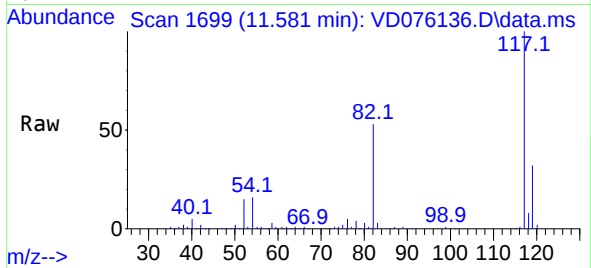




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD076136.D
Acq: 18 May 2023 13:04

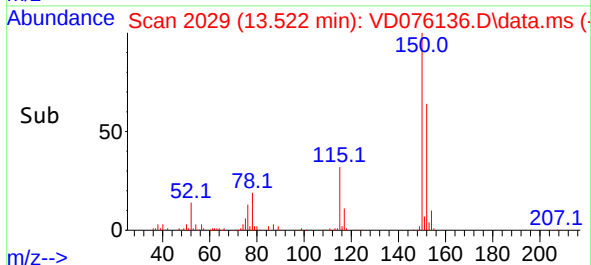
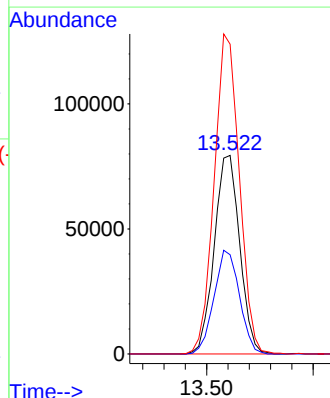
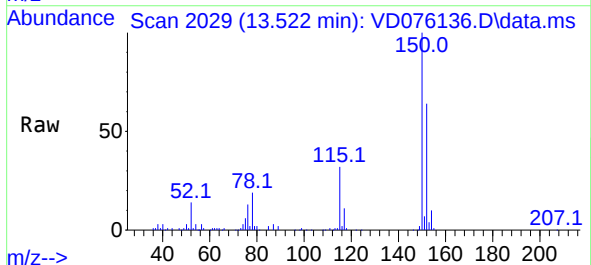
Instrument :
MSVOA_D
ClientSampleId :
HD-02-051723

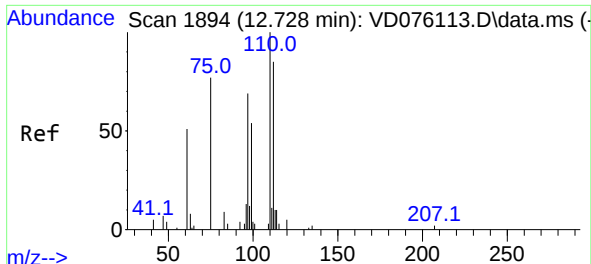
Tgt Ion:117 Resp: 278608
Ion Ratio Lower Upper
117 100
82 52.5 44.0 66.0
119 31.9 25.1 37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. -0.000 min
Lab File: VD076136.D
Acq: 18 May 2023 13:04

Tgt Ion:152 Resp: 131601
Ion Ratio Lower Upper
152 100
115 52.2 30.1 90.3
150 159.1 0.0 364.8

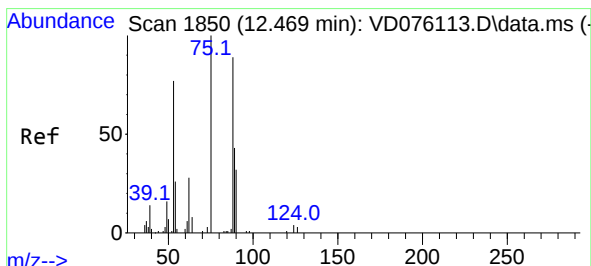
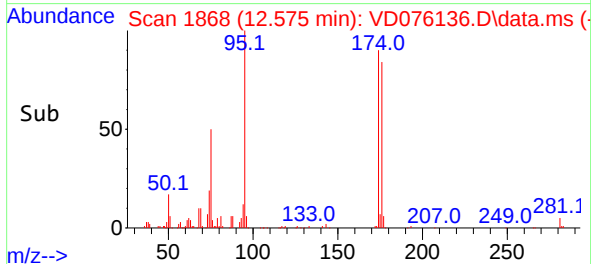
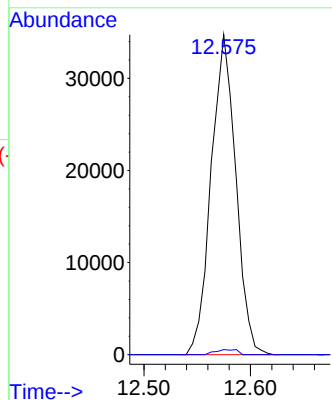
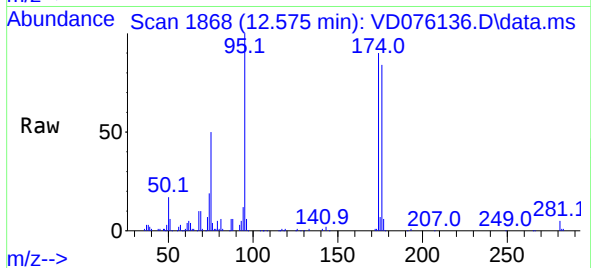




#76
1,2,3-Trichloropropane
Concen: 48.477 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.153 min
Lab File: VD076136.D
Acq: 18 May 2023 13:04

Instrument :
MSVOA_D
ClientSampleId :
HD-02-051723

Tgt Ion: 75 Resp: 55827
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 101.697 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.100 min
Lab File: VD076136.D
Acq: 18 May 2023 13:04

Tgt Ion: 75 Resp: 55827
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 40.2 60.4#

