

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD082823\
 Data File : VD077047.D
 Acq On : 28 Aug 2023 17:56
 Operator : JC/SY
 Sample : 04165-01
 Misc : 5.06G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Aug 29 02:51:55 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)

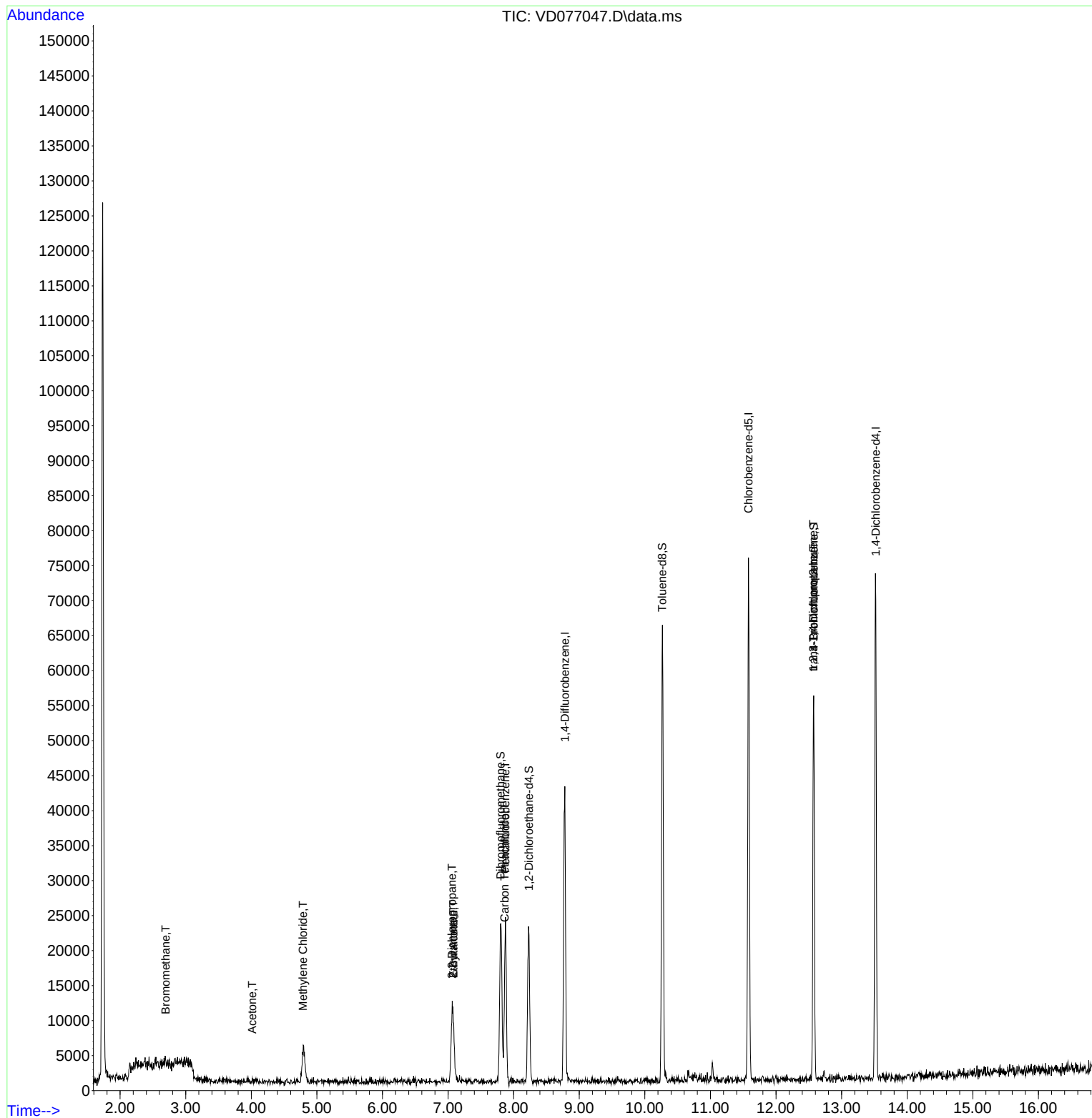
Internal Standards						
1) Pentafluorobenzene	7.875	168	17371	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.781	114	40115	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	45503	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	21295	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	17970	105.070	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 210.140%#	
35) Dibromofluoromethane	7.799	113	16177	60.363	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 120.720%	
50) Toluene-d8	10.263	98	48684	50.214	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 100.420%	
62) 4-Bromofluorobenzene	12.575	95	16960	59.332	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 118.660%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.152	50	539	Below Cal	#	41
5) Bromomethane	2.693	94	596	1.963	ug/l #	39
16) Acetone	4.016	43	64	1.642	ug/l #	32
20) Methylene Chloride	4.787	84	4204	14.415	ug/l	93
25) 2-Butanone	7.081	43	442	9.049	ug/l #	37
26) 2,2-Dichloropropane	7.057	77	788	2.565	ug/l #	49
37) Ethyl Acetate	7.081	43	442	3.210	ug/l #	71
38) Carbon Tetrachloride	7.863	117	1775	4.598	ug/l #	11
76) 1,2,3-Trichloropropane	12.569	75	8373	40.765	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.569	75	8373	94.649	ug/l #	17

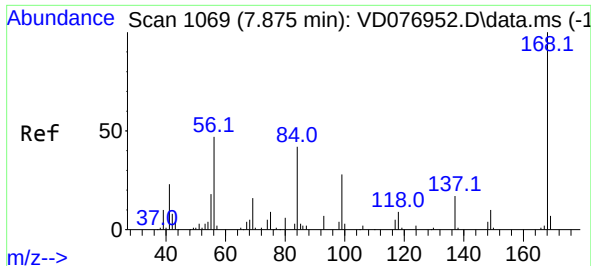
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD082823\
Data File : VD077047.D
Acq On : 28 Aug 2023 17:56
Operator : JC/SY
Sample : 04165-01
Misc : 5.06G/5.0ml/MSVOA_D/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

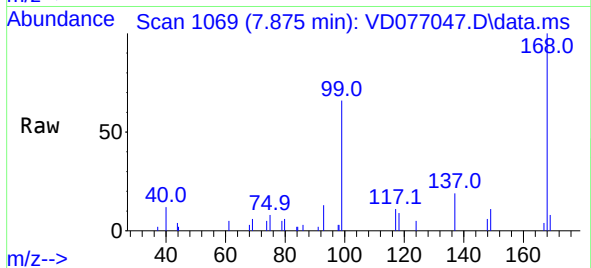
Quant Time: Aug 29 02:51:55 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D082823S.M
Quant Title : SW846 8260
QLast Update : Tue Aug 29 02:15:23 2023
Response via : Initial Calibration



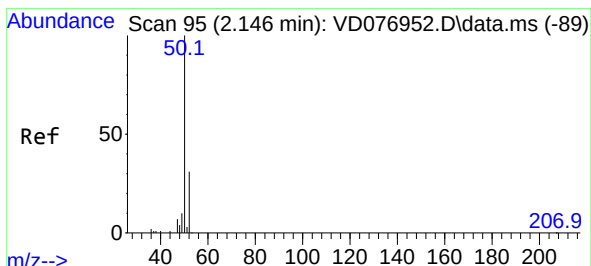
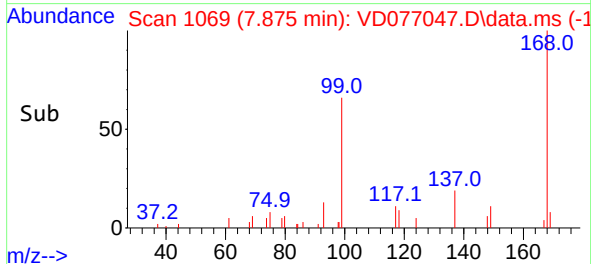
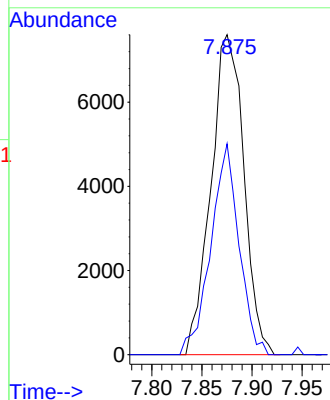


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 10
Delta R.T. 0.000 min
Lab File: VD077047.D
Acq: 28 Aug 2023 17:56

Instrument :
MSVOA_D
ClientSampleId :

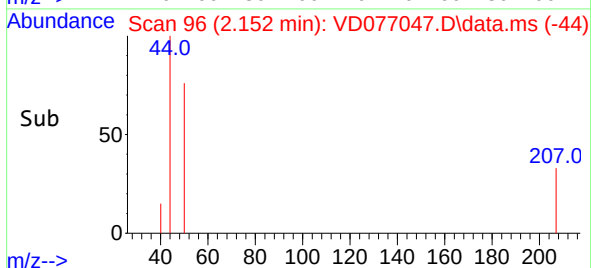
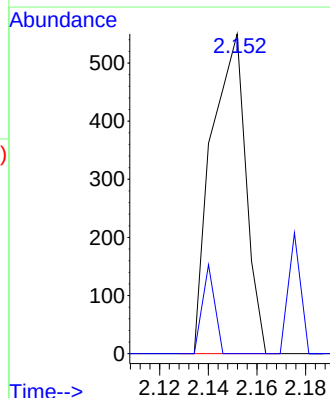
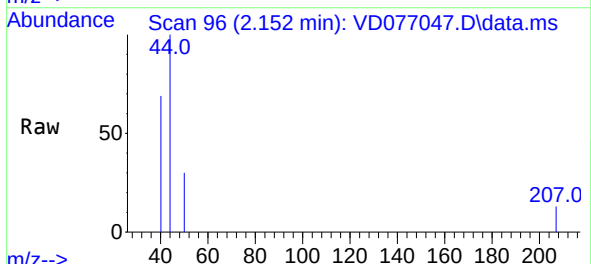


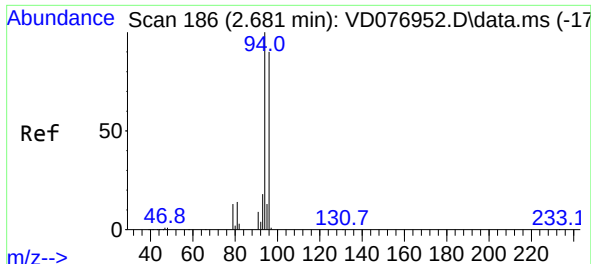
Tgt Ion:168 Resp: 17371
Ion Ratio Lower Upper
168 100
99 65.9 36.7 55.1#



#3
Chloromethane
Concen: Below Cal
RT: 2.152 min Scan# 96
Delta R.T. 0.006 min
Lab File: VD077047.D
Acq: 28 Aug 2023 17:56

Tgt Ion: 50 Resp: 539
Ion Ratio Lower Upper
50 100
52 0.0 26.6 40.0#

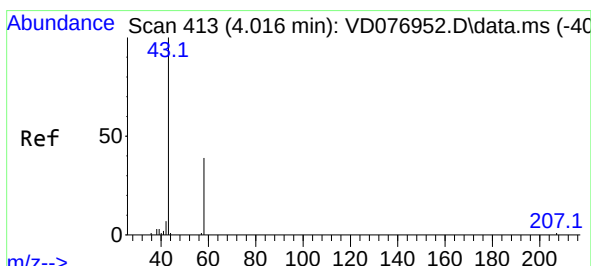
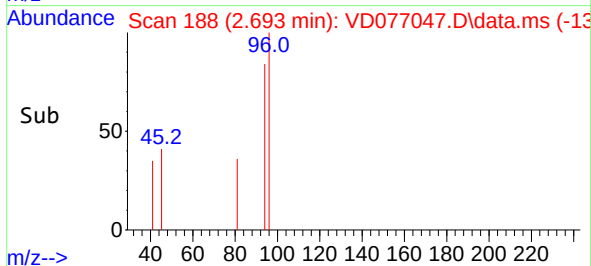
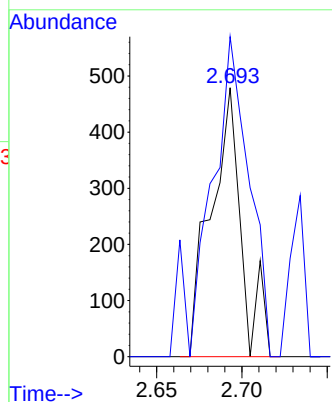
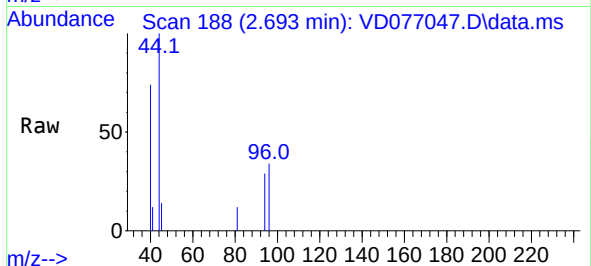




#5
Bromomethane
Concen: 1.963 ug/l
RT: 2.693 min Scan# 11
Delta R.T. 0.012 min
Lab File: VD077047.D
Acq: 28 Aug 2023 17:56

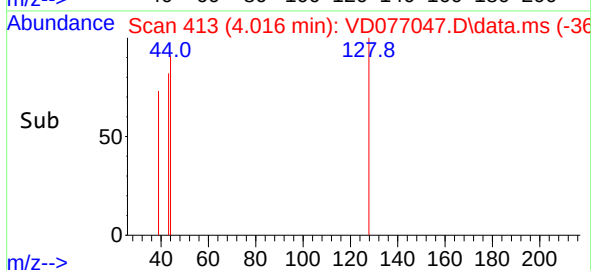
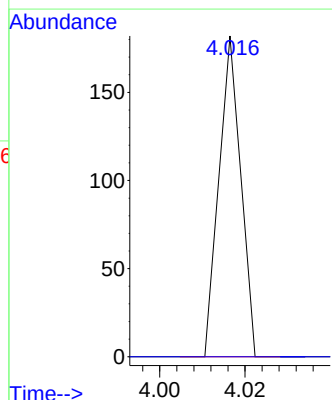
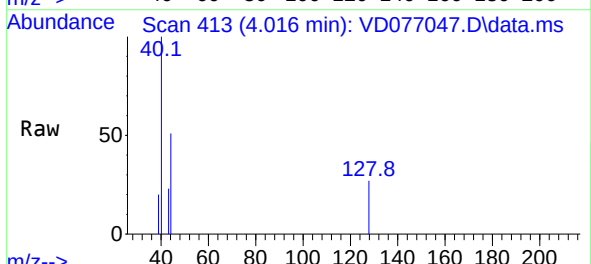
Instrument :
MSVOA_D
ClientSampleId :

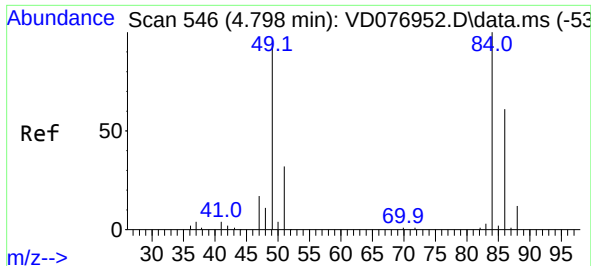
Tgt Ion: 94 Resp: 596
Ion Ratio Lower Upper
94 100
96 153.5 75.8 113.8#



#16
Acetone
Concen: 1.642 ug/l
RT: 4.016 min Scan# 413
Delta R.T. 0.000 min
Lab File: VD077047.D
Acq: 28 Aug 2023 17:56

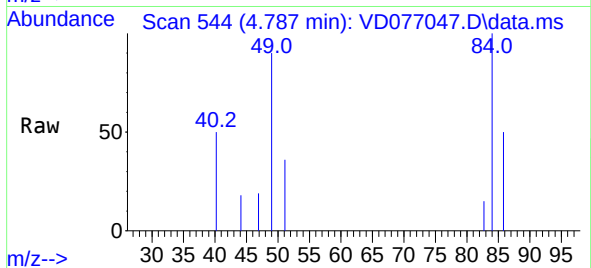
Tgt Ion: 43 Resp: 64
Ion Ratio Lower Upper
43 100
58 0.0 34.7 52.1#





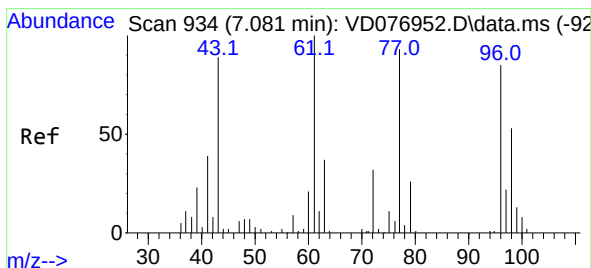
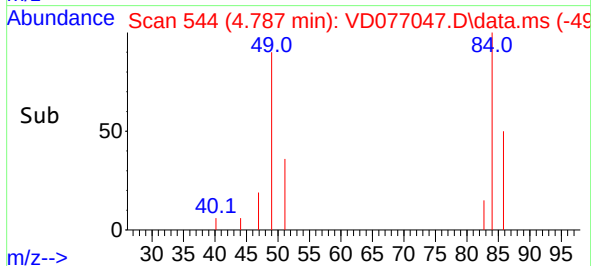
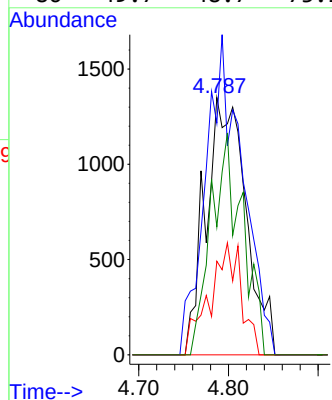
#20
Methylene Chloride
Concen: 14.415 ug/l
RT: 4.787 min Scan# 544
Delta R.T. -0.011 min
Lab File: VD077047.D
Acq: 28 Aug 2023 17:56

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion: 84 Resp: 4204

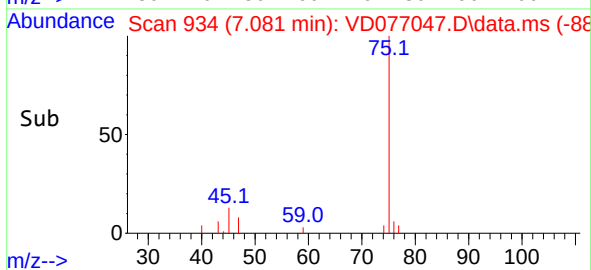
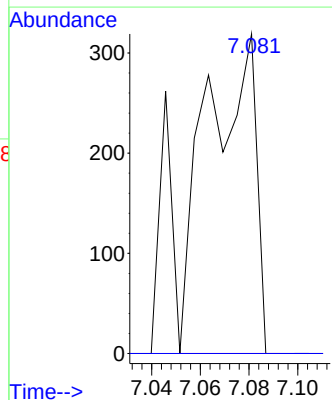
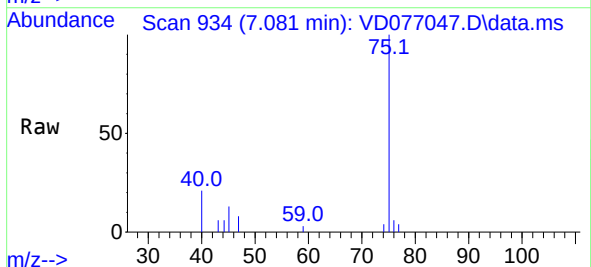
Ion	Ratio	Lower	Upper
84	100		
49	90.0	71.4	107.2
51	36.3	24.5	36.7
86	49.7	48.7	73.1

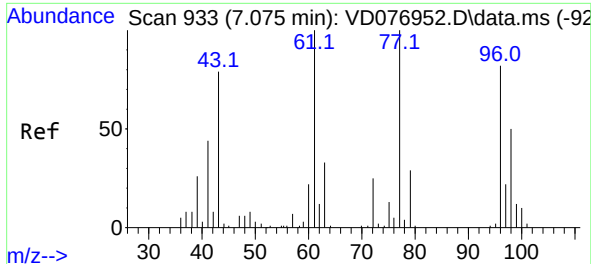


#25
2-Butanone
Concen: 9.049 ug/l
RT: 7.081 min Scan# 934
Delta R.T. 0.000 min
Lab File: VD077047.D
Acq: 28 Aug 2023 17:56

Tgt Ion: 43 Resp: 442

Ion	Ratio	Lower	Upper
43	100		
72	0.0	30.7	46.1#

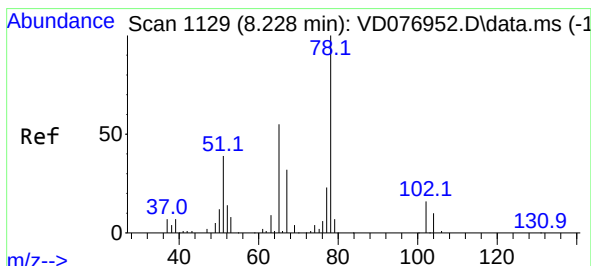
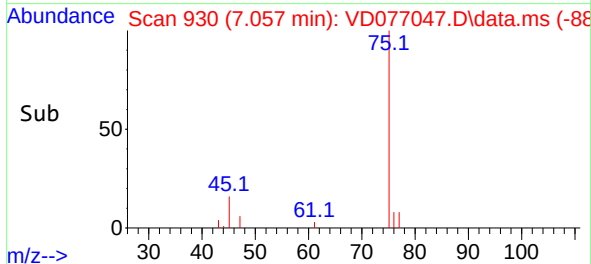
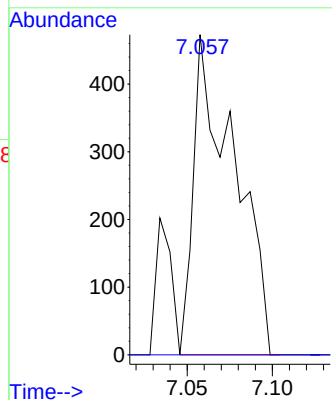
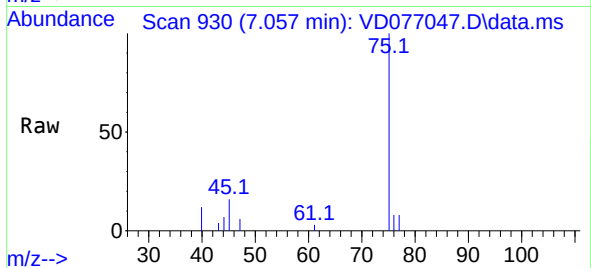




#26
2,2-Dichloropropane
Concen: 2.565 ug/l
RT: 7.057 min Scan# 91
Delta R.T. -0.018 min
Lab File: VD077047.D
Acq: 28 Aug 2023 17:56

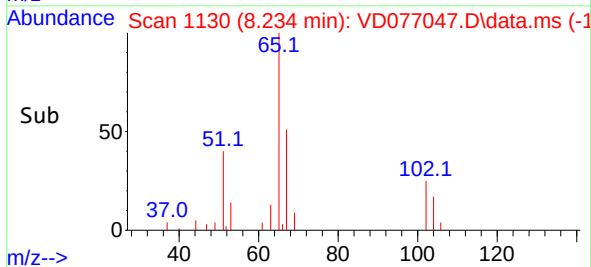
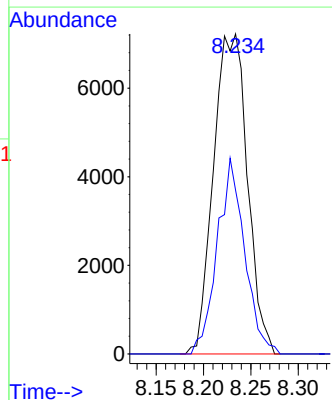
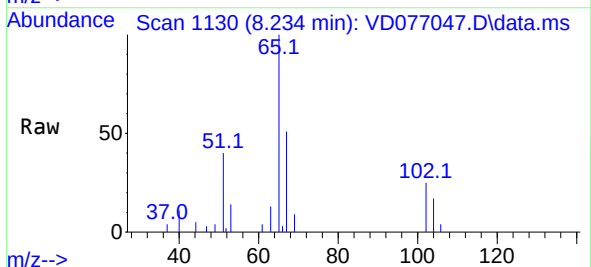
Instrument :
MSVOA_D
ClientSampleId :

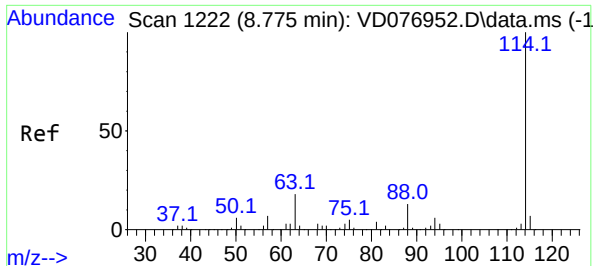
Tgt Ion: 77 Resp: 788
Ion Ratio Lower Upper
77 100
97 0.0 13.2 39.6#



#33
1,2-Dichloroethane-d4
Concen: 105.070 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VD077047.D
Acq: 28 Aug 2023 17:56

Tgt Ion: 65 Resp: 17970
Ion Ratio Lower Upper
65 100
67 49.4 0.0 115.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD077047.D

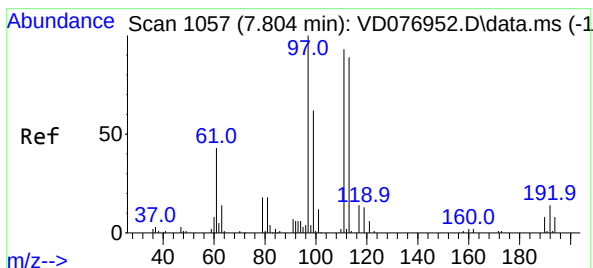
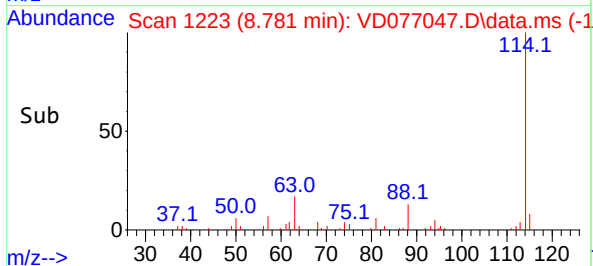
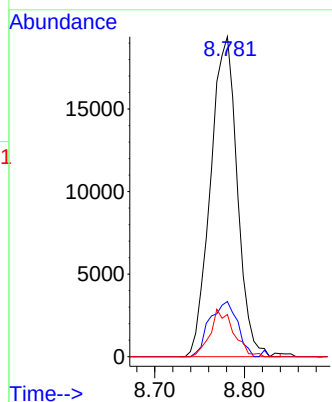
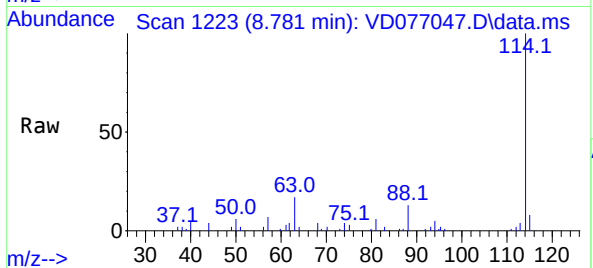
Acq: 28 Aug 2023 17:56

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:114	Resp:	40115
Ion Ratio	Lower	Upper
114	100	
63	17.3	0.0 33.4
88	13.2	0.0 26.2



#35

Dibromofluoromethane

Concen: 60.363 ug/l

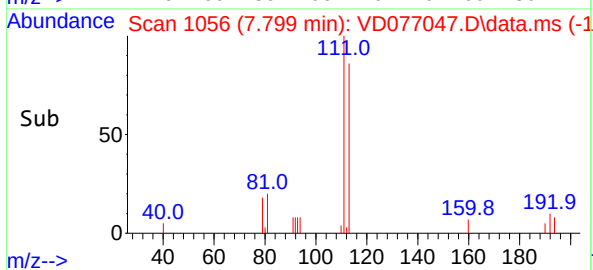
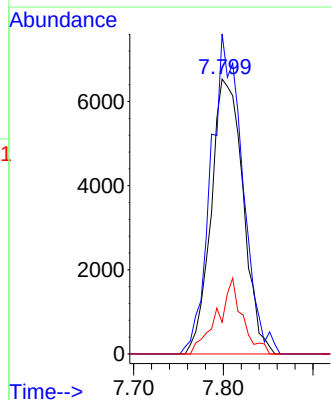
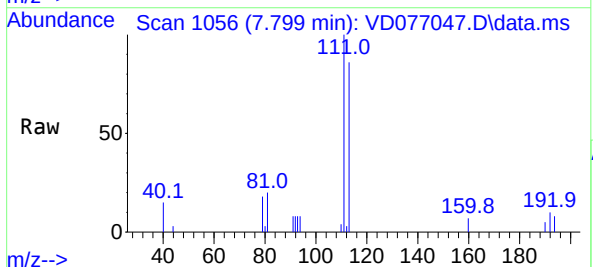
RT: 7.799 min Scan# 1056

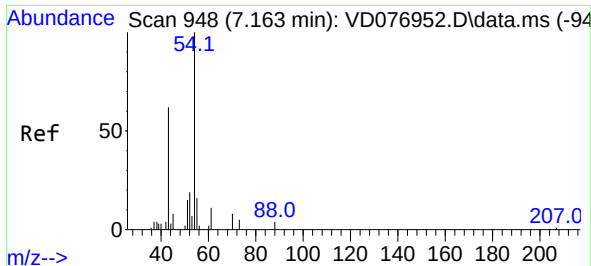
Delta R.T. -0.005 min

Lab File: VD077047.D

Acq: 28 Aug 2023 17:56

Tgt Ion:113	Resp:	16177
Ion Ratio	Lower	Upper
113	100	
111	115.1	84.7 127.1
192	21.6	16.8 25.2





#37

Ethyl Acetate

Concen: 3.210 ug/l

RT: 7.081 min Scan# 91

Delta R.T. -0.082 min

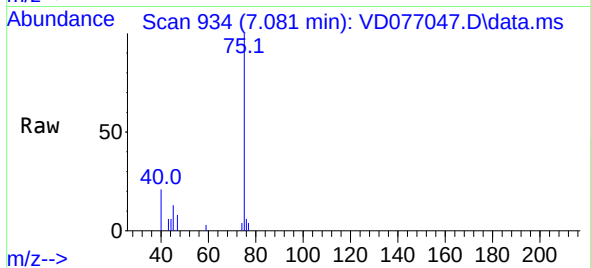
Lab File: VD077047.D

Acq: 28 Aug 2023 17:56

Instrument :

MSVOA_D

ClientSampleId :



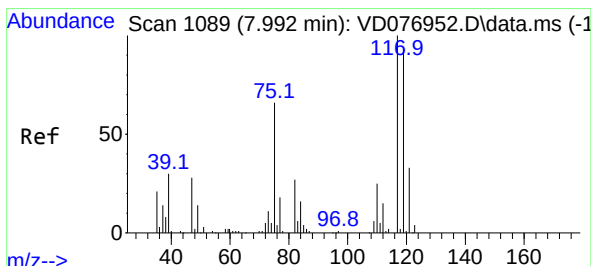
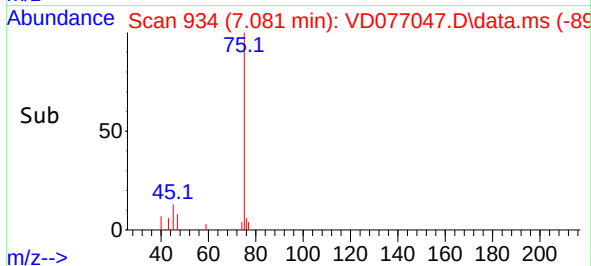
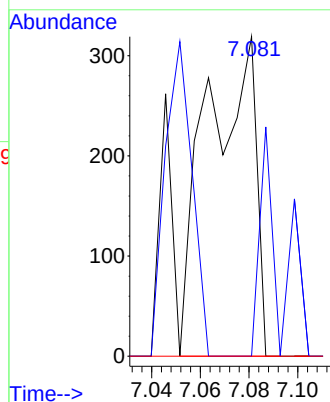
Tgt Ion: 43 Resp: 442

Ion Ratio Lower Upper

43 100

61 30.8 14.9 22.3#

70 0.0 10.0 15.0#



#38

Carbon Tetrachloride

Concen: 4.598 ug/l

RT: 7.863 min Scan# 1067

Delta R.T. -0.129 min

Lab File: VD077047.D

Acq: 28 Aug 2023 17:56

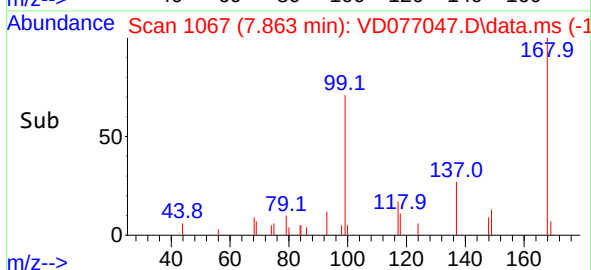
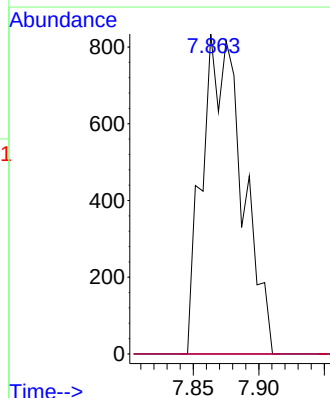
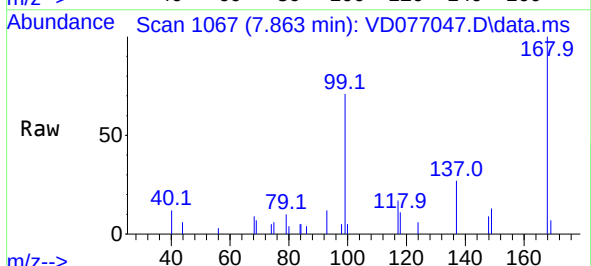
Tgt Ion: 117 Resp: 1775

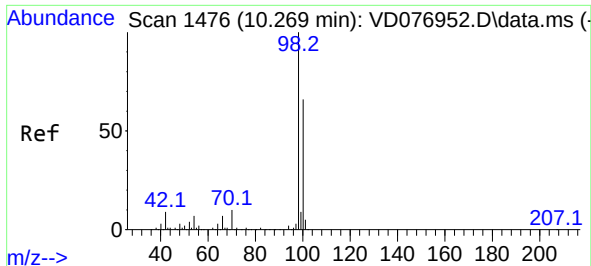
Ion Ratio Lower Upper

117 100

119 0.0 78.0 117.0#

121 0.0 24.2 36.2#

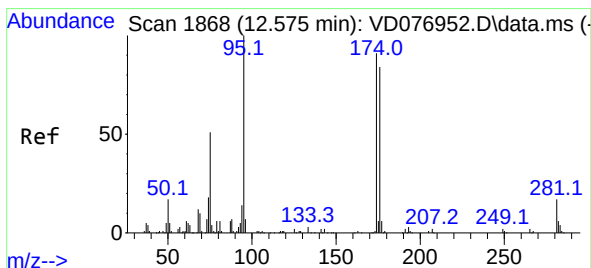
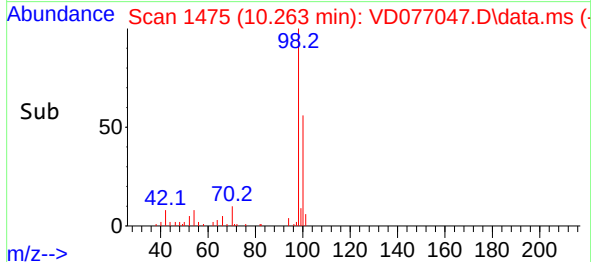
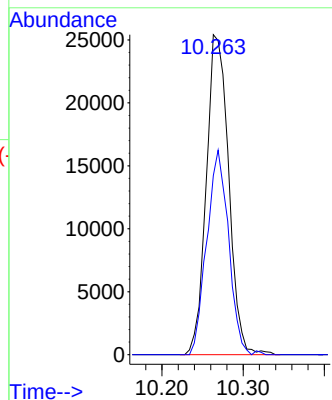
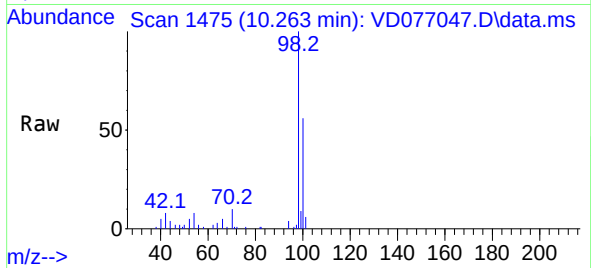




#50
Toluene-d8
Concen: 50.214 ug/l
RT: 10.263 min Scan# 1476
Delta R.T. -0.006 min
Lab File: VD077047.D
Acq: 28 Aug 2023 17:56

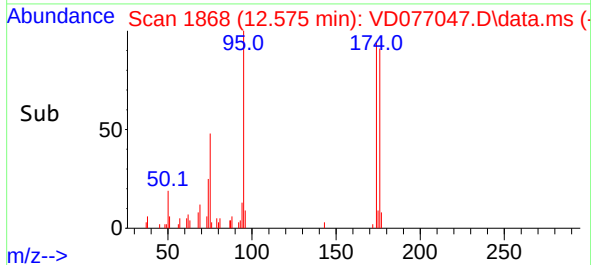
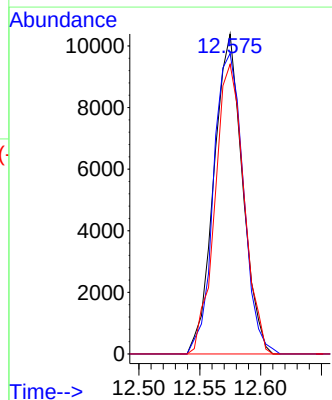
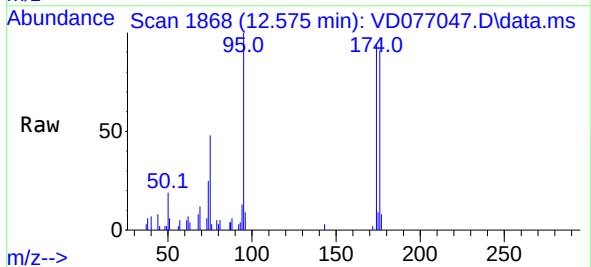
Instrument :
MSVOA_D
ClientSampleId :

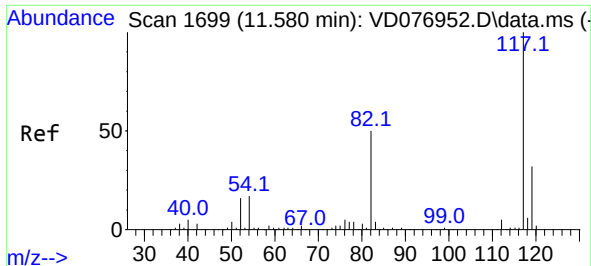
Tgt Ion: 98 Resp: 48684
Ion Ratio Lower Upper
98 100
100 62.0 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 59.332 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD077047.D
Acq: 28 Aug 2023 17:56

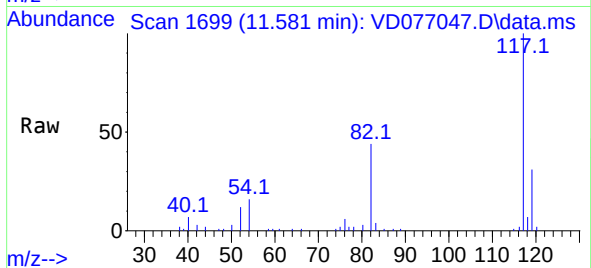
Tgt Ion: 95 Resp: 16960
Ion Ratio Lower Upper
95 100
174 97.5 0.0 201.8
176 91.9 0.0 191.8



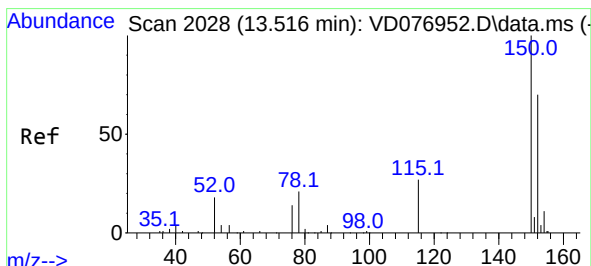
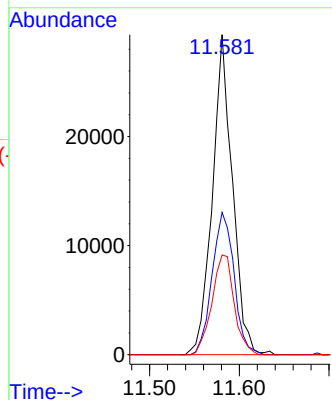
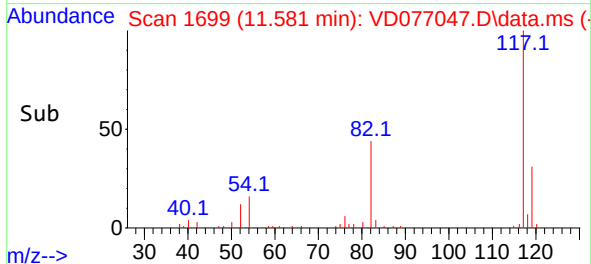


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117
Delta R.T. 0.001 min
Lab File: VD077047.D
Acq: 28 Aug 2023 17:56

Instrument :
MSVOA_D
ClientSampleId :

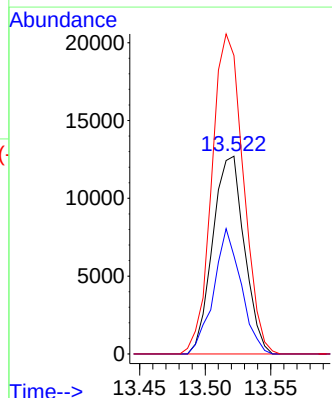
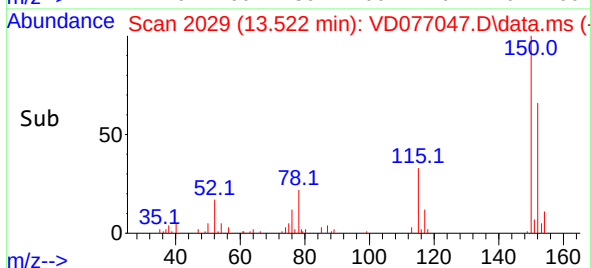
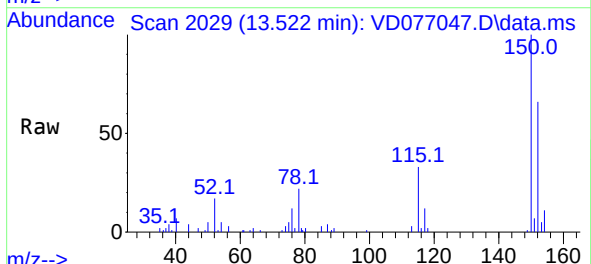


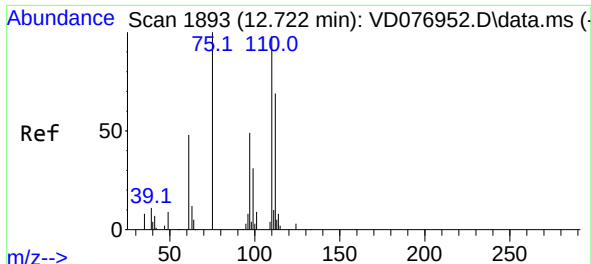
Tgt Ion:117 Resp: 45503
Ion Ratio Lower Upper
117 100
82 44.5 38.3 57.5
119 31.1 25.0 37.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. 0.006 min
Lab File: VD077047.D
Acq: 28 Aug 2023 17:56

Tgt Ion:152 Resp: 21295
Ion Ratio Lower Upper
152 100
115 55.0 27.1 81.3
150 161.2 0.0 353.6

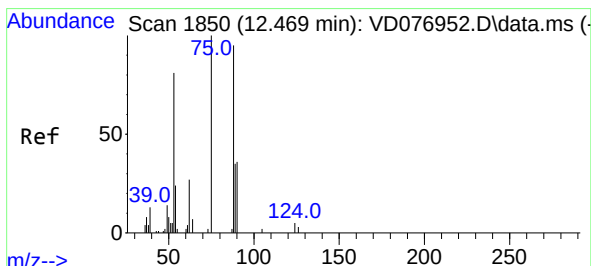
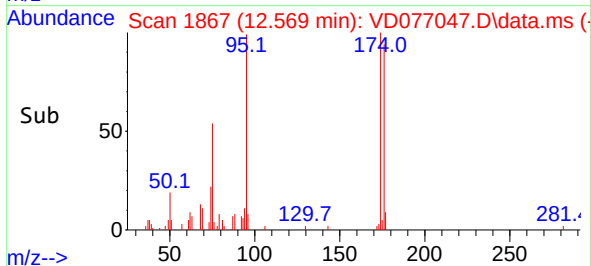
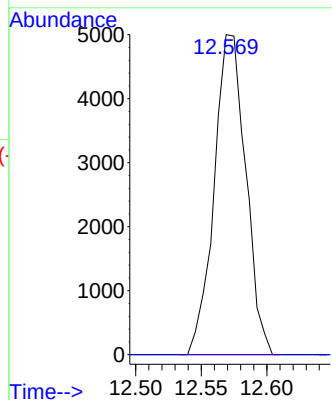
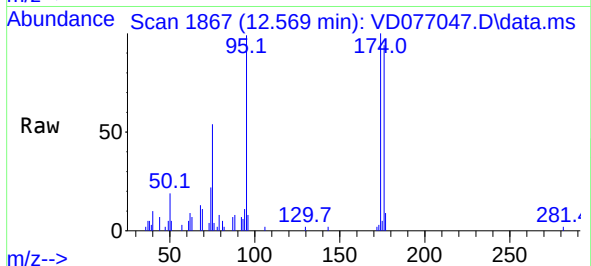




#76
1,2,3-Trichloropropane
Concen: 40.765 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.153 min
Lab File: VD077047.D
Acq: 28 Aug 2023 17:56

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 8373
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#81
trans-1,4-Dichloro-2-butene
Concen: 94.649 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.100 min
Lab File: VD077047.D
Acq: 28 Aug 2023 17:56

Tgt Ion: 75 Resp: 8373
Ion Ratio Lower Upper
75 100
53 0.0 63.0 94.4#
89 0.0 37.9 56.9#

