

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050522\
 Data File : VD072809.D
 Acq On : 05 May 2022 14:47
 Operator : VA/SY
 Sample : N2672-02
 Misc : 6.39G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 02

Quant Time: May 06 03:49:03 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050222S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 03 08:33:49 2022
 Response via : Initial Calibration

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

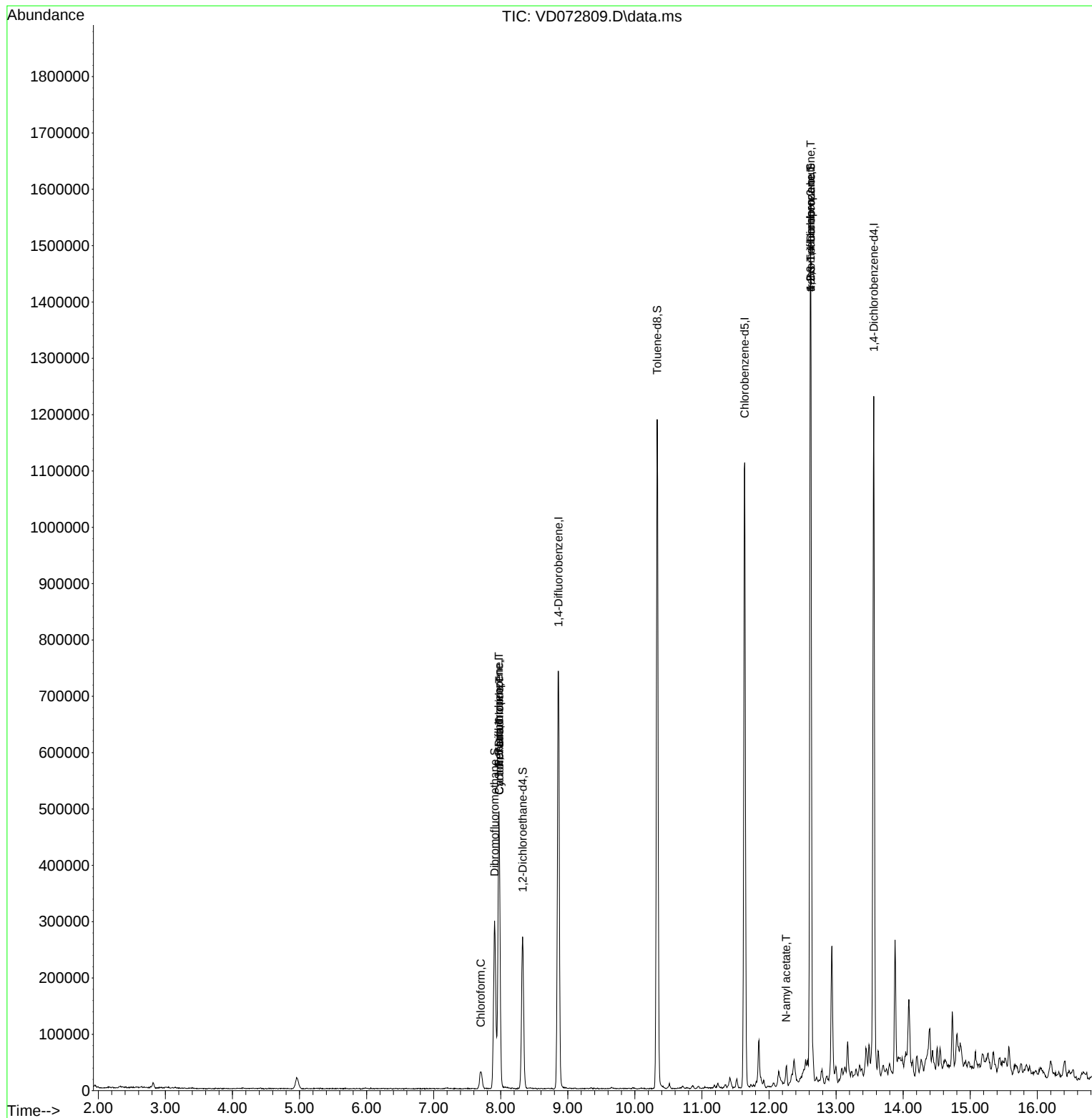
Internal Standards						
1) Pentafluorobenzene	7.973	168	341932	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	635484	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	640025	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	303133	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	210563	47.440	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	94.880%
35) Dibromofluoromethane	7.908	113	211453	47.378	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	94.760%
50) Toluene-d8	10.332	98	779730	48.704	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	97.400%
62) 4-Bromofluorobenzene	12.620	95	314333	52.657	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	105.320%
Target Compounds						
					Qvalue	
5) Bromomethane	2.785	94	864	Below Cal	#	46
16) Acetone	4.162	43	1440	Below Cal	#	47
18) Methyl Acetate	4.738	43	551	Below Cal	#	77
20) Methylene Chloride	4.967	84	14316	Below Cal	#	84
30) Chloroform	7.703	83	29642	3.184	ug/l	97
31) Cyclohexane	7.979	56	8913	1.149	ug/l	# 2
36) 1,1-Dichloropropene	7.973	75	29075	4.006	ug/l	# 51
38) Carbon Tetrachloride	7.979	117	36951	4.905	ug/l	# 17
74) N-amyl acetate	12.255	43	7681	1.308	ug/l	# 79
76) 1,2,3-Trichloropropane	12.620	75	167180	49.460	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.620	75	167180	113.737	ug/l	# 8

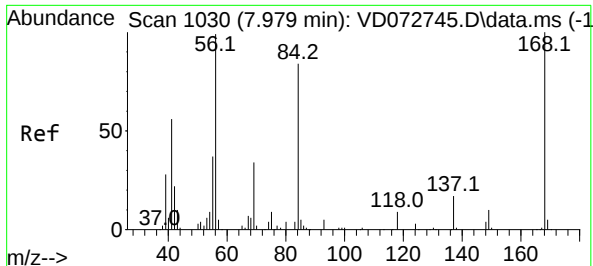
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050522\
Data File : VD072809.D
Acq On : 05 May 2022 14:47
Operator : VA/SY
Sample : N2672-02
Misc : 6.39G/5.00ml/MSVOA_D/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
02

Quant Time: May 06 03:49:03 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050222S.M
Quant Title : SW846 8260
QLast Update : Tue May 03 08:33:49 2022
Response via : Initial Calibration

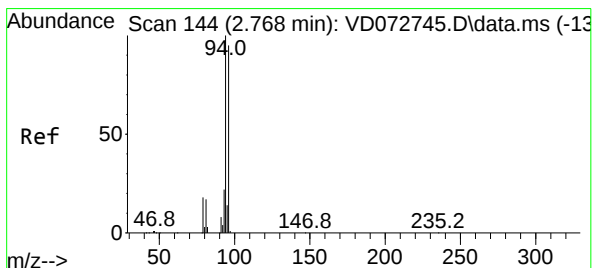
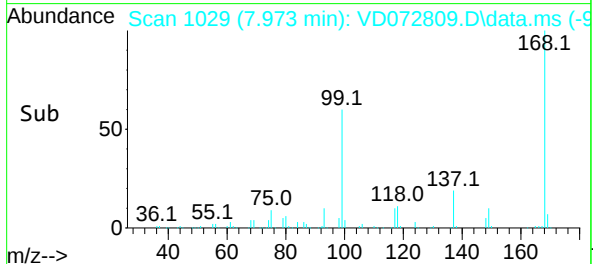
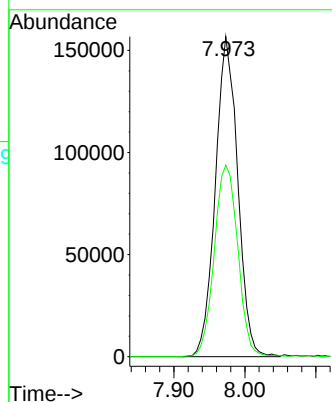
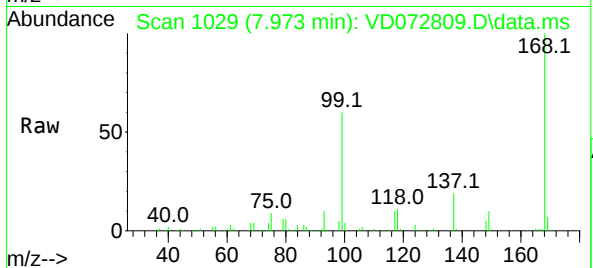




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 10
Delta R.T. -0.006 min
Lab File: VD072809.D
Acq: 05 May 2022 14:47

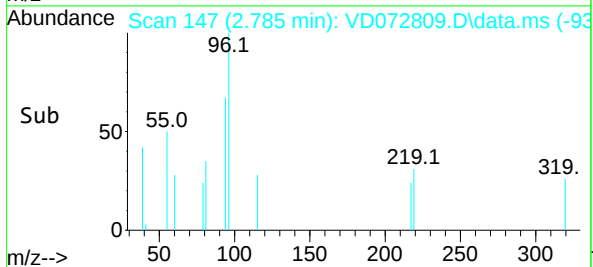
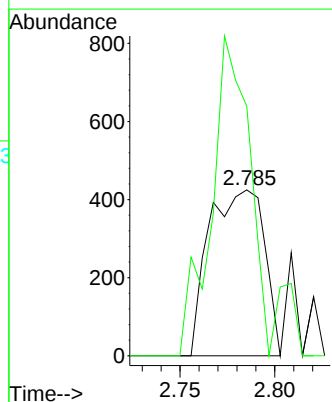
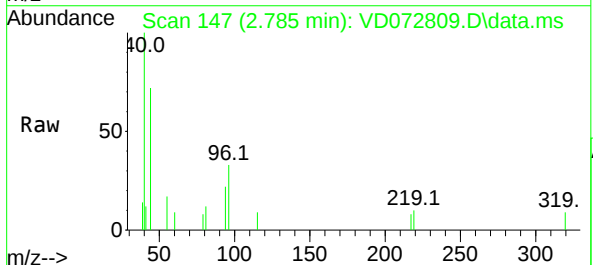
Instrument :
MSVOA_D
ClientSampleId :
02

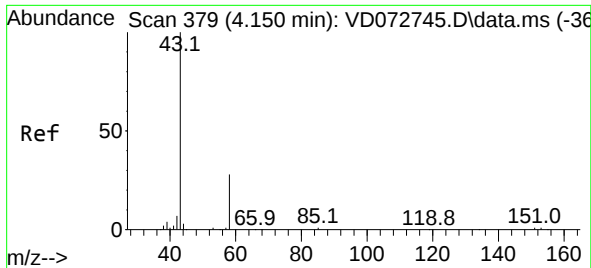
Tgt Ion:168 Resp: 341932
Ion Ratio Lower Upper
168 100
99 59.9 49.8 74.6



#5
Bromomethane
Concen: Below Cal
RT: 2.785 min Scan# 147
Delta R.T. 0.017 min
Lab File: VD072809.D
Acq: 05 May 2022 14:47

Tgt Ion: 94 Resp: 864
Ion Ratio Lower Upper
94 100
96 150.4 77.6 116.4#

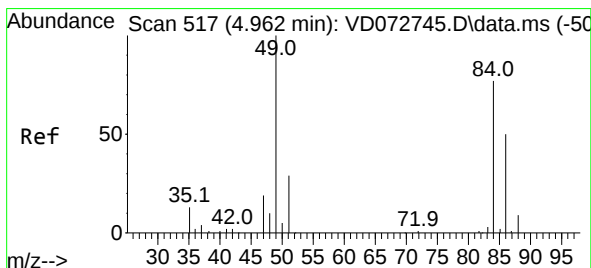
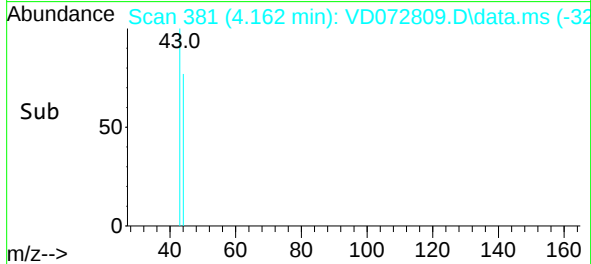
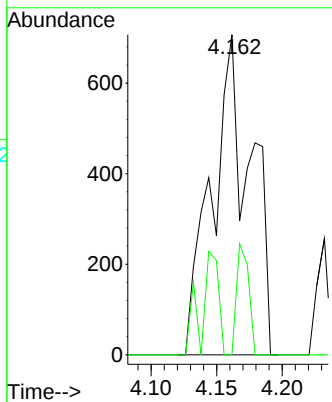
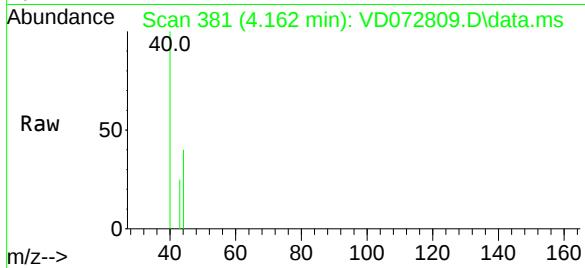




#16
Acetone
Concen: Below Cal
RT: 4.162 min Scan# 31
Delta R.T. 0.012 min
Lab File: VD072809.D
Acq: 05 May 2022 14:47

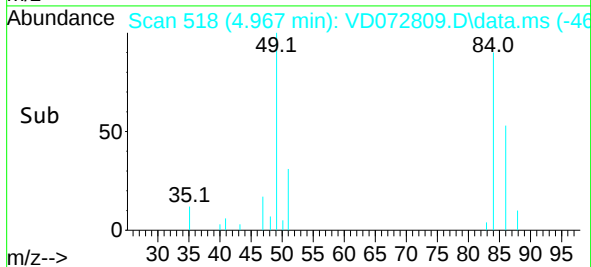
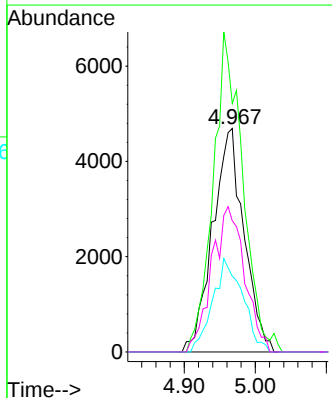
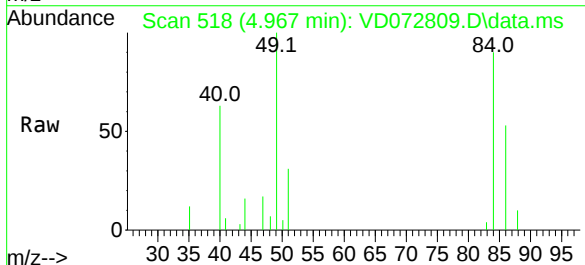
Instrument :
MSVOA_D
ClientSampleId :
02

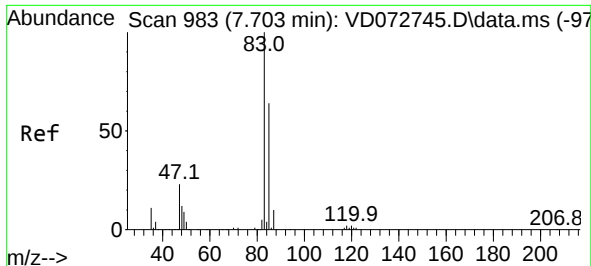
Tgt Ion: 43 Resp: 1440
Ion Ratio Lower Upper
43 100
58 0.0 22.1 33.1#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.967 min Scan# 518
Delta R.T. 0.005 min
Lab File: VD072809.D
Acq: 05 May 2022 14:47

Tgt Ion: 84 Resp: 14316
Ion Ratio Lower Upper
84 100
49 111.2 112.8 169.2#
51 33.9 32.6 48.8
86 58.7 47.9 71.9

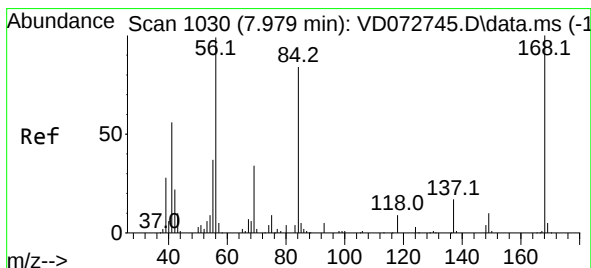
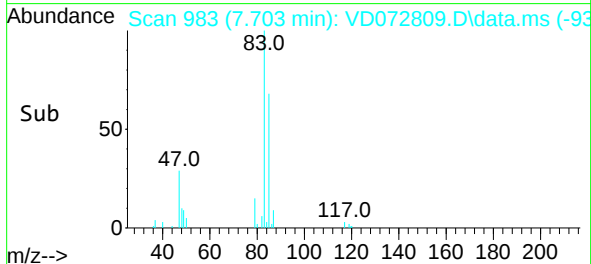
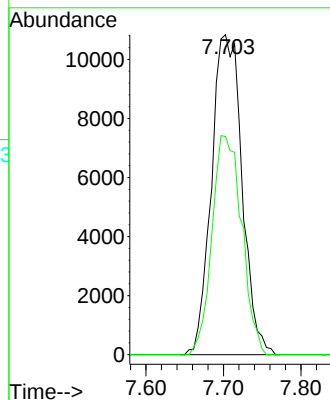
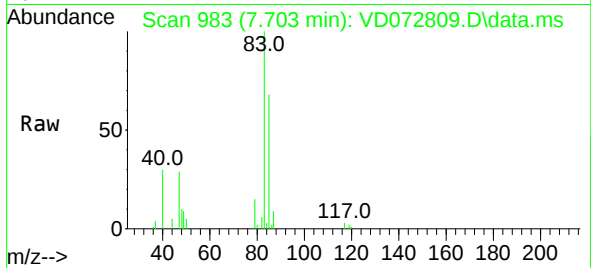




#30
Chloroform
Concen: 3.184 ug/l
RT: 7.703 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD072809.D
Acq: 05 May 2022 14:47

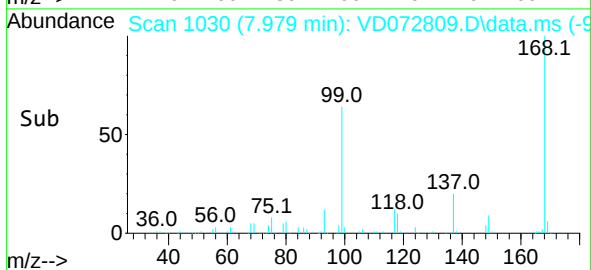
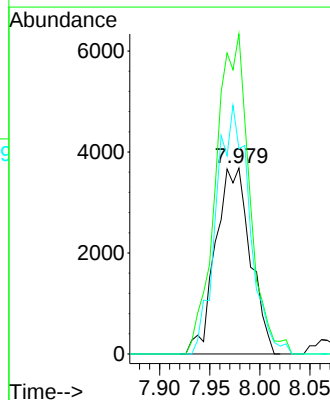
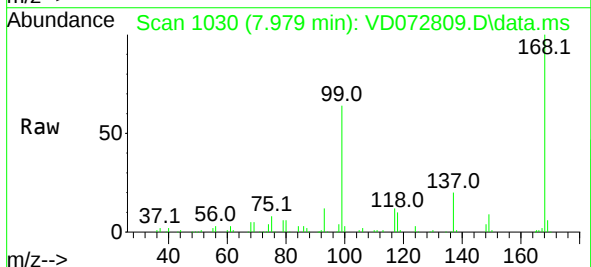
Instrument :
MSVOA_D
ClientSampleId :
02

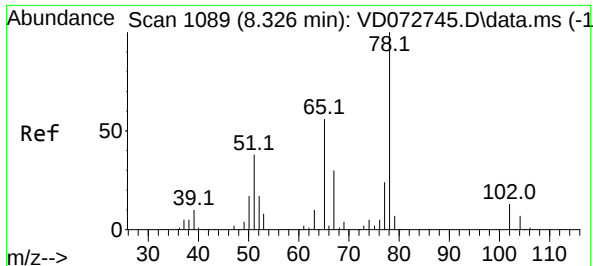
Tgt Ion: 83 Resp: 29642
Ion Ratio Lower Upper
83 100
85 68.2 52.7 79.1



#31
Cyclohexane
Concen: 1.149 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD072809.D
Acq: 05 May 2022 14:47

Tgt Ion: 56 Resp: 8913
Ion Ratio Lower Upper
56 100
69 172.1 25.4 38.2#
84 110.4 63.0 94.4#





#33

1,2-Dichloroethane-d4

Concen: 47.440 ug/l

RT: 8.326 min Scan# 110

Delta R.T. 0.000 min

Lab File: VD072809.D

Acq: 05 May 2022 14:47

Instrument :

MSVOA_D

ClientSampleId :

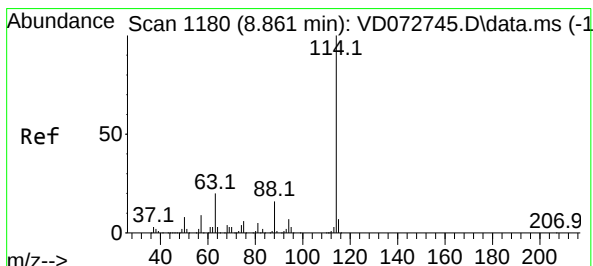
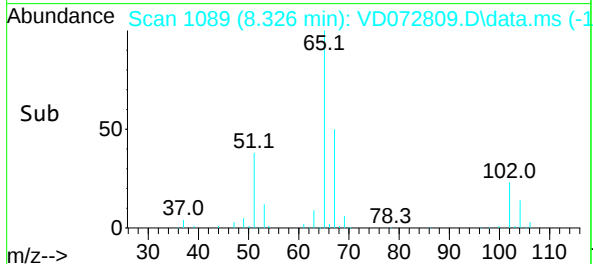
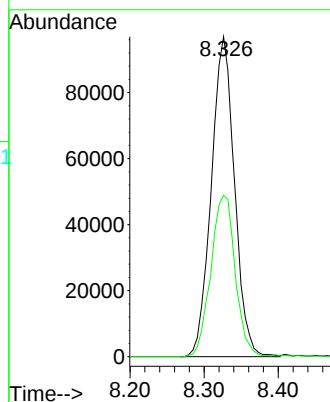
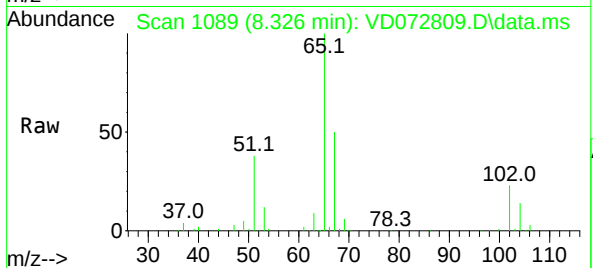
02

Tgt Ion: 65 Resp: 210563

Ion Ratio Lower Upper

65 100

67 52.9 0.0 101.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. 0.000 min

Lab File: VD072809.D

Acq: 05 May 2022 14:47

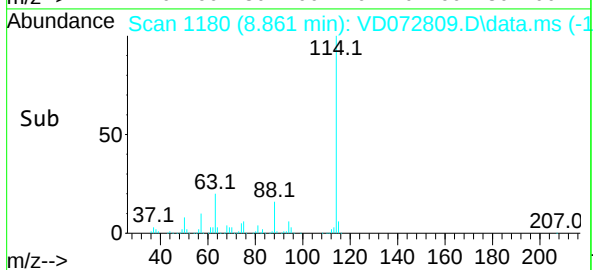
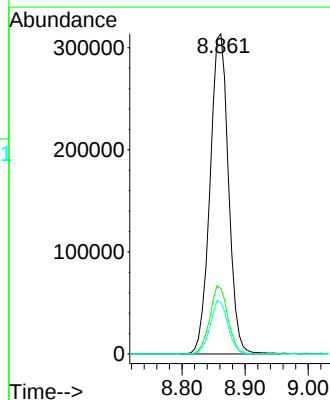
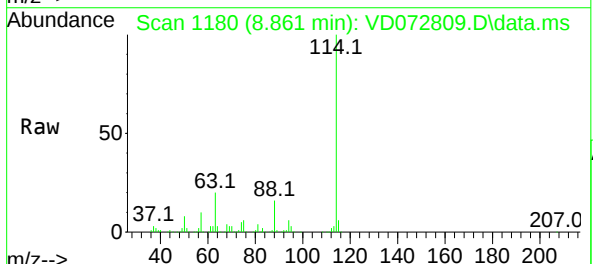
Tgt Ion: 114 Resp: 635484

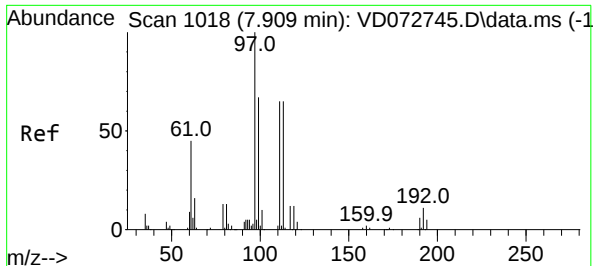
Ion Ratio Lower Upper

114 100

63 20.4 0.0 46.6

88 16.1 0.0 33.2





#35

Dibromofluoromethane

Concen: 47.378 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. -0.001 min

Lab File: VD072809.D

Acq: 05 May 2022 14:47

Instrument :

MSVOA_D

ClientSampleId :

02

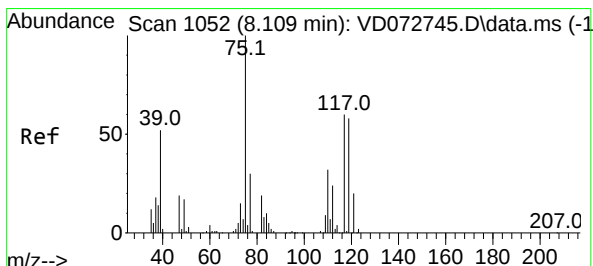
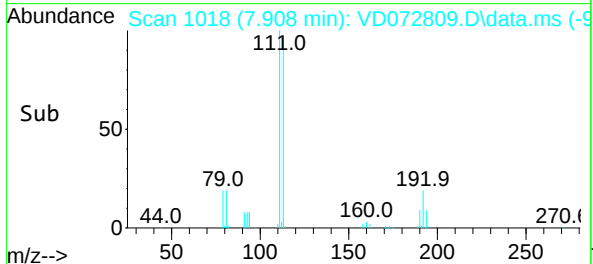
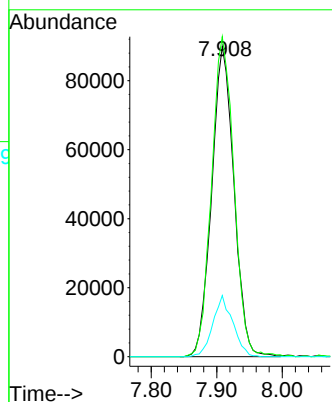
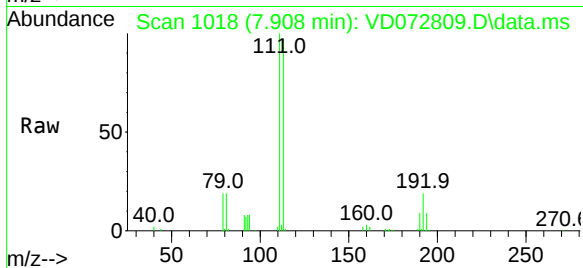
Tgt Ion:113 Resp: 211453

Ion Ratio Lower Upper

113 100

111 104.1 83.8 125.6

192 17.8 14.6 21.8



#36

1,1-Dichloropropene

Concen: 4.006 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.136 min

Lab File: VD072809.D

Acq: 05 May 2022 14:47

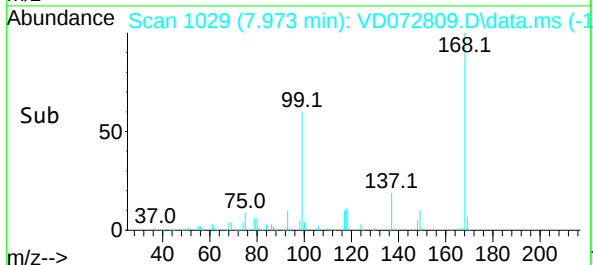
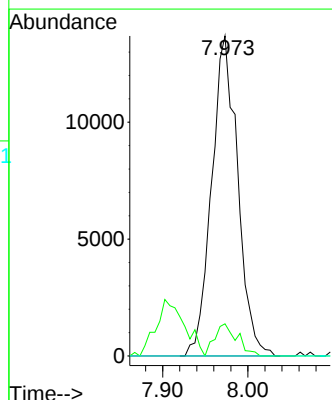
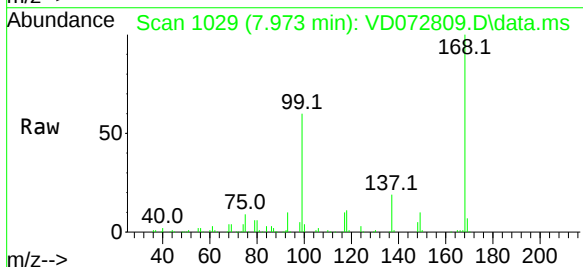
Tgt Ion: 75 Resp: 29075

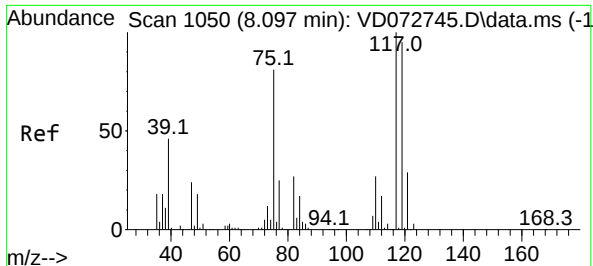
Ion Ratio Lower Upper

75 100

110 8.7 16.4 49.1#

77 0.0 24.2 36.2#





#38

Carbon Tetrachloride

Concen: 4.905 ug/l

RT: 7.979 min Scan# 1050

Delta R.T. -0.118 min

Lab File: VD072809.D

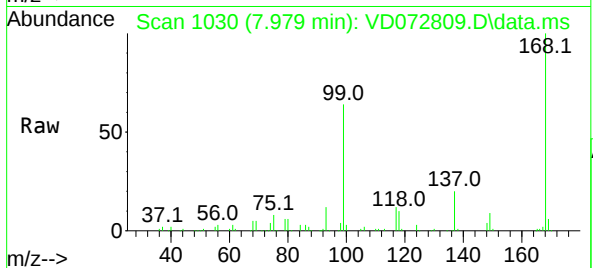
Acq: 05 May 2022 14:47

Instrument :

MSVOA_D

ClientSampleId :

02



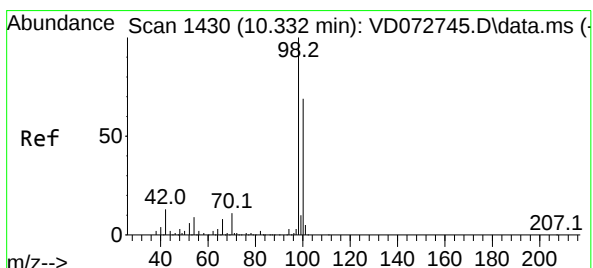
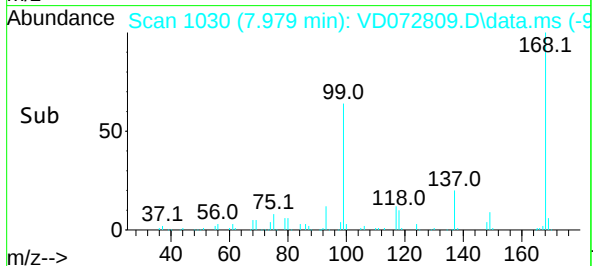
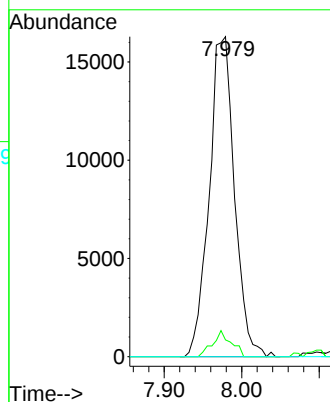
Tgt Ion:117 Resp: 36951

Ion Ratio Lower Upper

117 100

119 5.3 75.8 113.6#

121 0.0 24.5 36.7#



#50

Toluene-d8

Concen: 48.704 ug/l

RT: 10.332 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VD072809.D

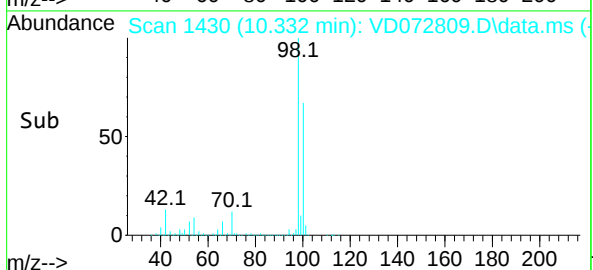
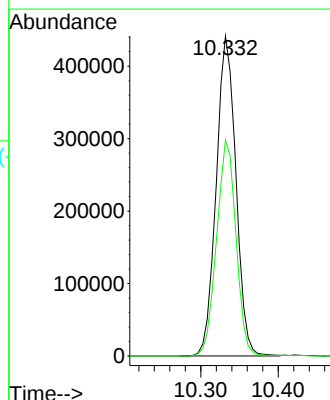
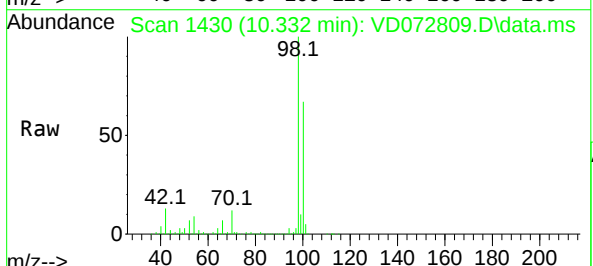
Acq: 05 May 2022 14:47

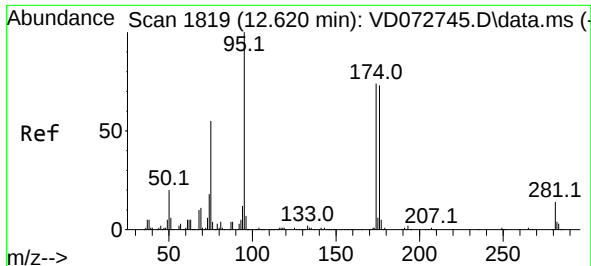
Tgt Ion: 98 Resp: 779730

Ion Ratio Lower Upper

98 100

100 66.7 52.4 78.6

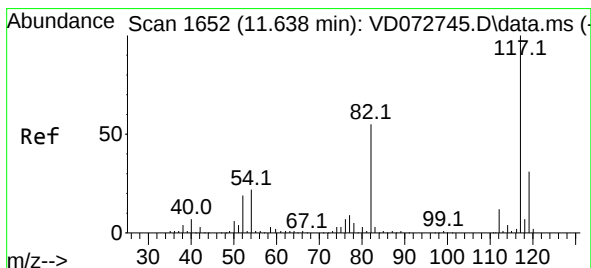
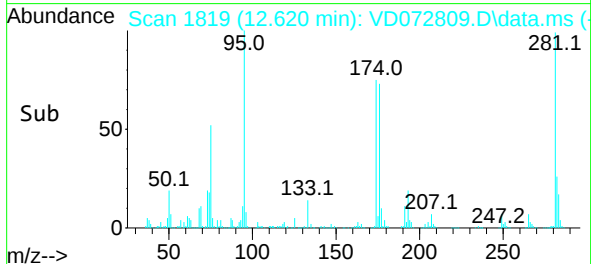
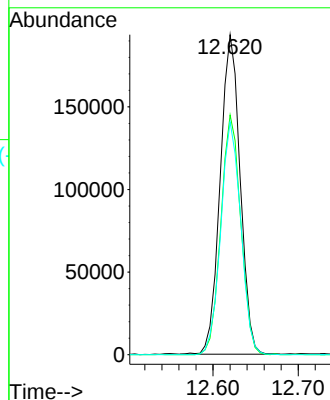
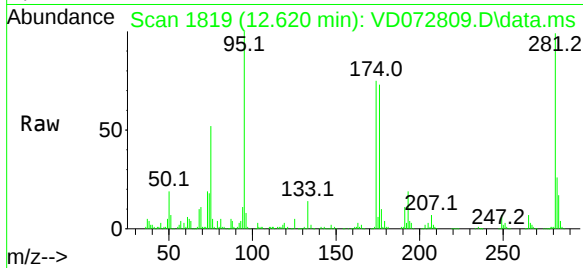




#62
4-Bromofluorobenzene
Concen: 52.657 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD072809.D
Acq: 05 May 2022 14:47

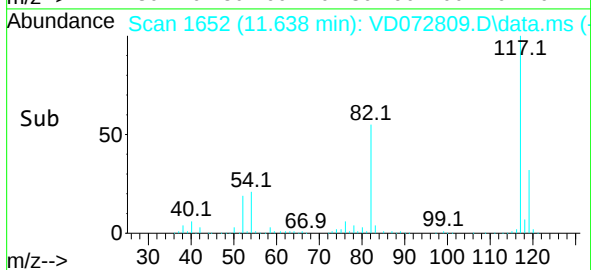
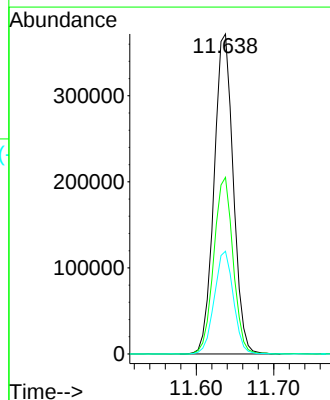
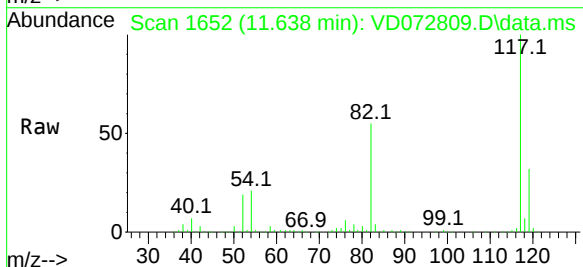
Instrument :
MSVOA_D
ClientSampleId :
02

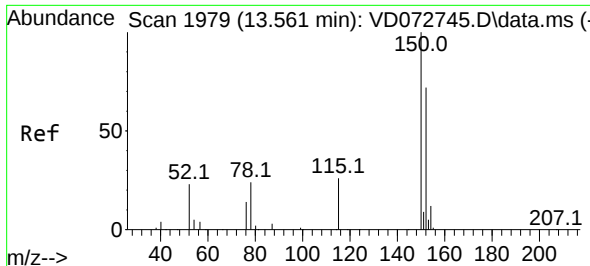
Tgt Ion: 95 Resp: 314333
Ion Ratio Lower Upper
95 100
174 74.8 0.0 152.8
176 73.0 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD072809.D
Acq: 05 May 2022 14:47

Tgt Ion: 117 Resp: 640025
Ion Ratio Lower Upper
117 100
82 55.2 45.3 67.9
119 32.1 26.6 40.0

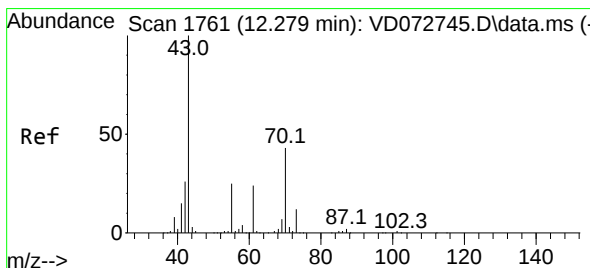
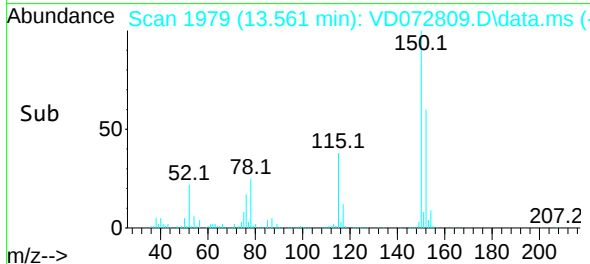
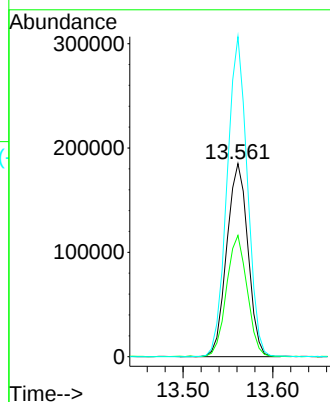
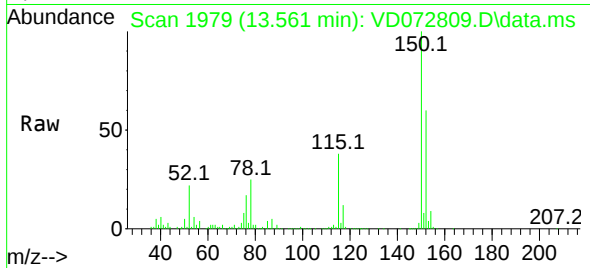




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD072809.D
Acq: 05 May 2022 14:47

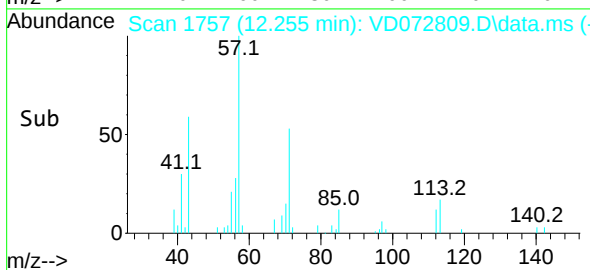
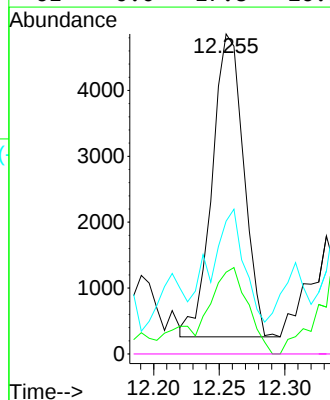
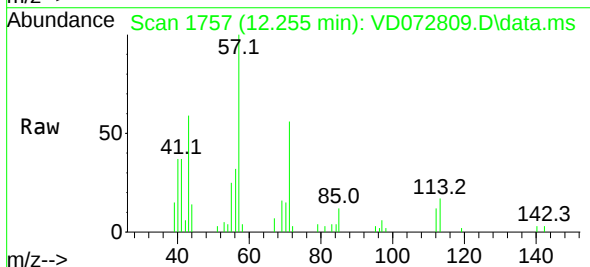
Instrument :
MSVOA_D
ClientSampleId :
02

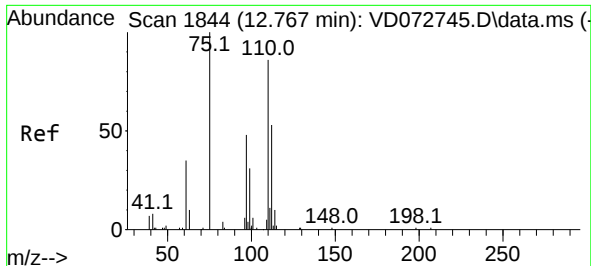
Tgt Ion:152 Resp: 303133
Ion Ratio Lower Upper
152 100
115 61.3 31.3 93.8
150 158.6 0.0 348.6



#74
N-ethyl acetate
Concen: 1.308 ug/l
RT: 12.255 min Scan# 1757
Delta R.T. -0.024 min
Lab File: VD072809.D
Acq: 05 May 2022 14:47

Tgt Ion: 43 Resp: 7681
Ion Ratio Lower Upper
43 100
70 41.3 31.3 46.9
55 38.2 20.0 30.0#
61 0.0 17.8 26.8#

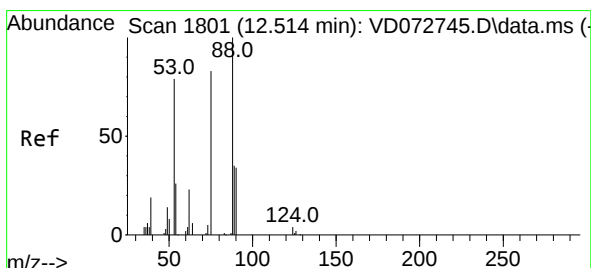
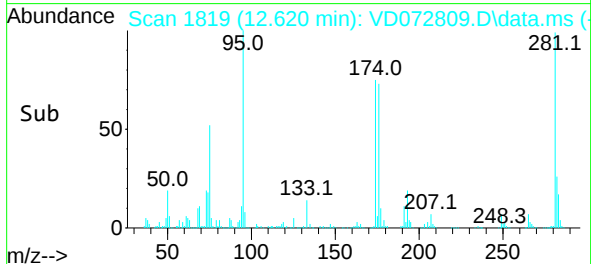
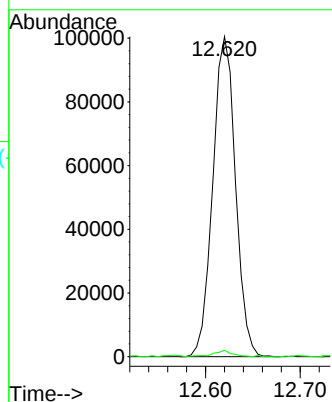
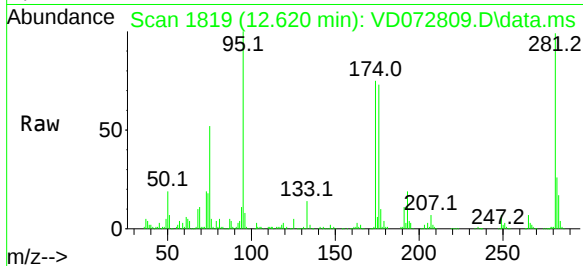




#76
1,2,3-Trichloropropane
Concen: 49.460 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.147 min
Lab File: VD072809.D
Acq: 05 May 2022 14:47

Instrument :
MSVOA_D
ClientSampleId :
02

Tgt Ion: 75 Resp: 167180
Ion Ratio Lower Upper
75 100
77 1.7 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 113.737 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.106 min
Lab File: VD072809.D
Acq: 05 May 2022 14:47

Tgt Ion: 75 Resp: 167180
Ion Ratio Lower Upper
75 100
53 0.5 86.5 129.7#
89 1.7 33.9 50.9#

