

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050622\
 Data File : VD072851.D
 Acq On : 06 May 2022 15:03
 Operator : VA/SY
 Sample : N2669-01RE
 Misc : 5.06G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 OR-03-050322

Quant Time: May 06 15:42:23 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)

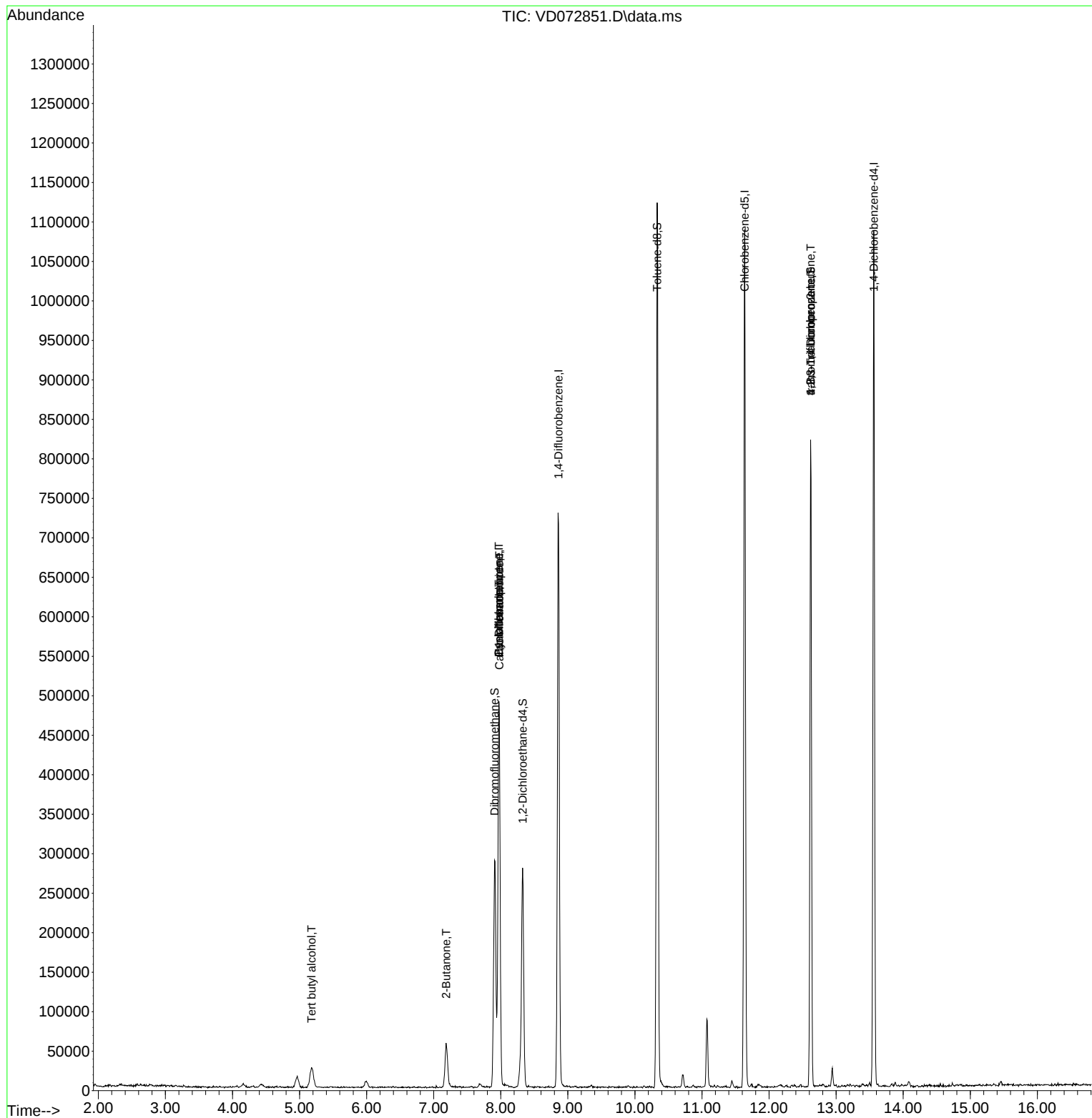
Internal Standards						
1) Pentafluorobenzene	7.973	168	347674	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	621504	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	611471	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	269871	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	219030	48.532	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	97.060%		
35) Dibromofluoromethane	7.908	113	208256	47.712	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	95.420%		
50) Toluene-d8	10.332	98	746320	47.666	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	95.340%		
62) 4-Bromofluorobenzene	12.620	95	266923	45.720	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	91.440%		
Target Compounds						
					Qvalue	
5) Bromomethane	2.773	94	1135	Below Cal	#	67
11) Tert butyl alcohol	5.179	59	24355	62.373	ug/l #	74
16) Acetone	4.162	43	8095	Below Cal	#	83
18) Methyl Acetate	4.703	43	83	Below Cal	#	55
20) Methylene Chloride	4.967	84	10587	Below Cal	#	89
25) 2-Butanone	7.185	43	2799	2.129	ug/l #	52
31) Cyclohexane	7.973	56	9366	1.187	ug/l #	2
36) 1,1-Dichloropropene	7.973	75	30272	4.265	ug/l #	51
38) Carbon Tetrachloride	7.979	117	37630	5.108	ug/l #	15
76) 1,2,3-Trichloropropane	12.620	75	145040	48.198	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.620	75	145040	110.836	ug/l #	7

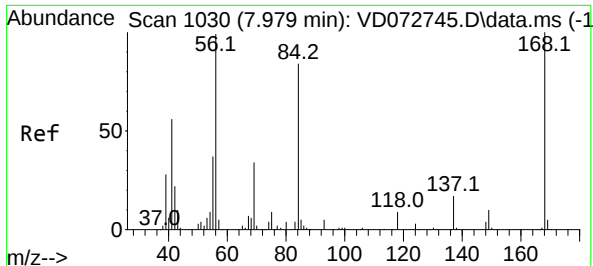
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050622\
Data File : VD072851.D
Acq On : 06 May 2022 15:03
Operator : VA/SY
Sample : N2669-01RE
Misc : 5.06G/5.00ml/MSVOA_D/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
OR-03-050322

Quant Time: May 06 15:42:23 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

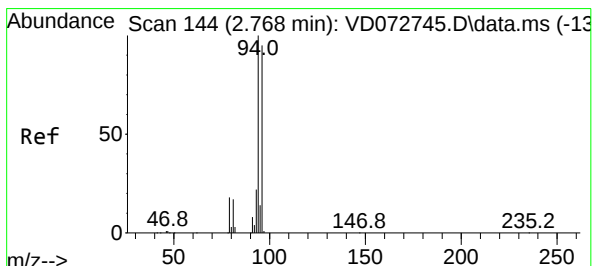
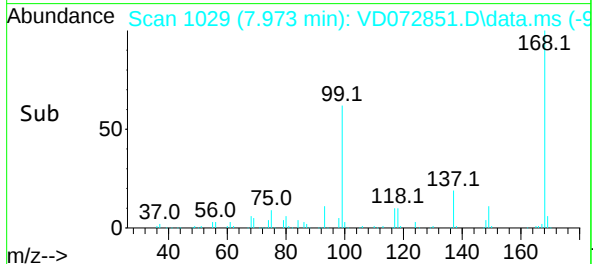
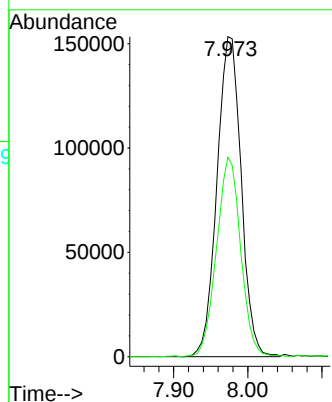
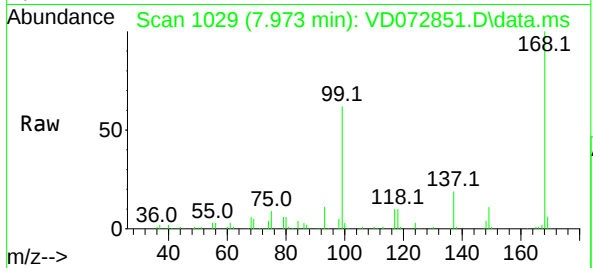




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD072851.D
Acq: 06 May 2022 15:03

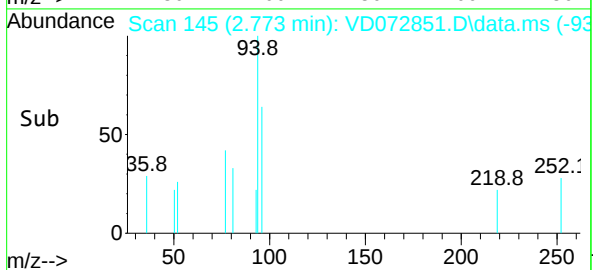
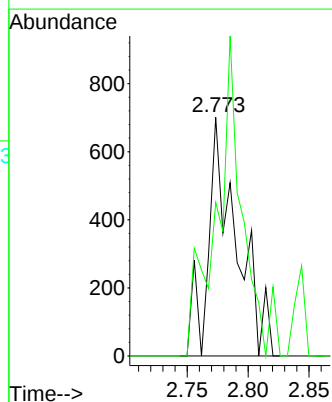
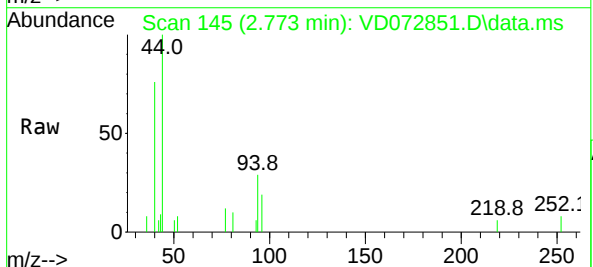
Instrument :
MSVOA_D
ClientSampleId :
OR-03-050322

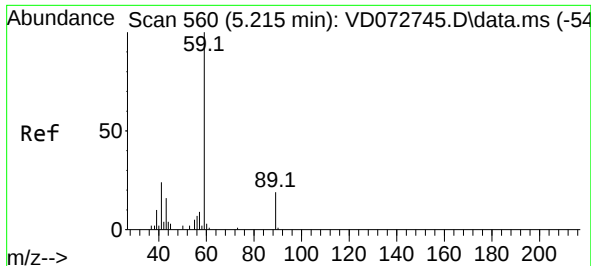
Tgt Ion:168 Resp: 347674
Ion Ratio Lower Upper
168 100
99 62.3 49.8 74.6



#5
Bromomethane
Concen: Below Cal
RT: 2.773 min Scan# 145
Delta R.T. 0.005 min
Lab File: VD072851.D
Acq: 06 May 2022 15:03

Tgt Ion: 94 Resp: 1135
Ion Ratio Lower Upper
94 100
96 64.3 77.6 116.4#

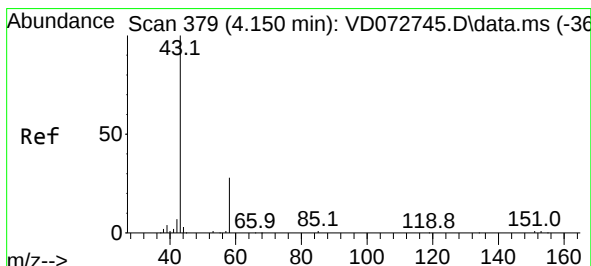
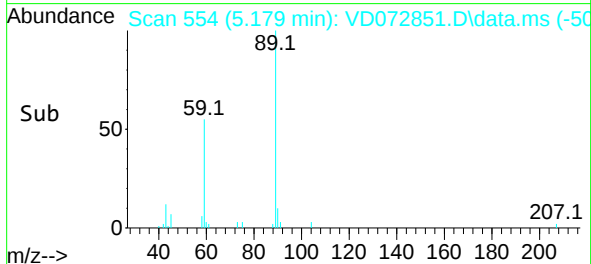
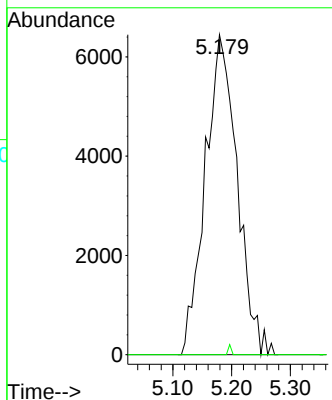
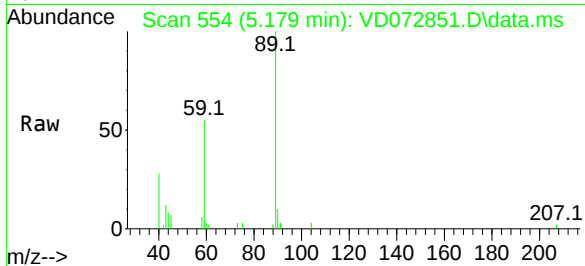




#11
Tert butyl alcohol
Concen: 62.373 ug/l
RT: 5.179 min Scan# 51
Delta R.T. -0.036 min
Lab File: VD072851.D
Acq: 06 May 2022 15:03

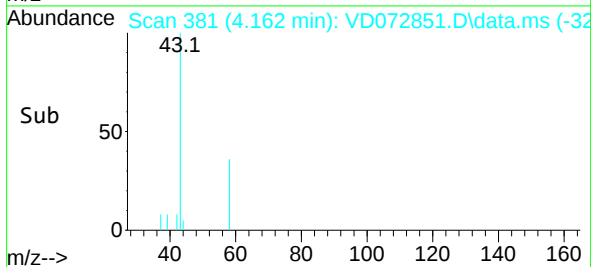
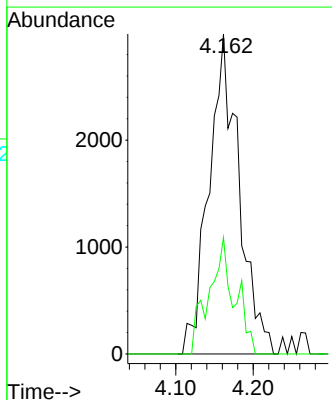
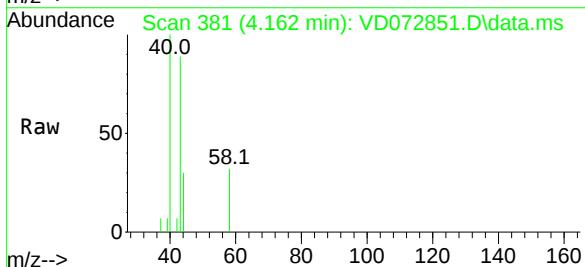
Instrument :
MSVOA_D
ClientSampleId :
OR-03-050322

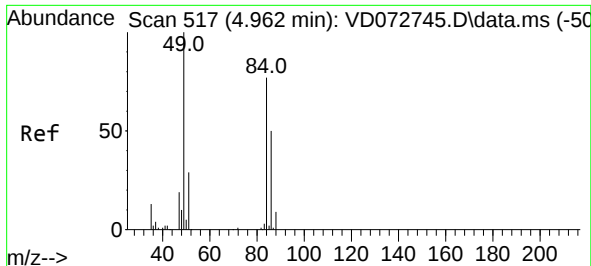
Tgt Ion: 59 Resp: 24355
Ion Ratio Lower Upper
59 100
57 0.3 7.8 11.6#



#16
Acetone
Concen: Below Cal
RT: 4.162 min Scan# 381
Delta R.T. 0.012 min
Lab File: VD072851.D
Acq: 06 May 2022 15:03

Tgt Ion: 43 Resp: 8095
Ion Ratio Lower Upper
43 100
58 36.4 22.1 33.1#

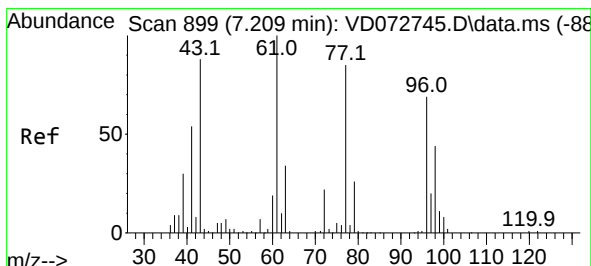
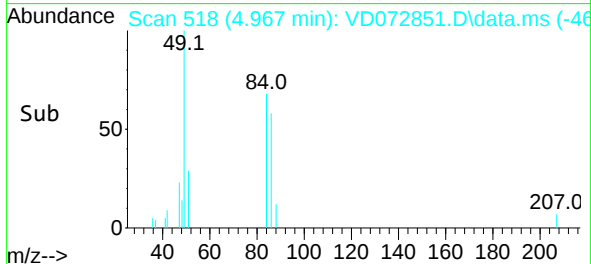
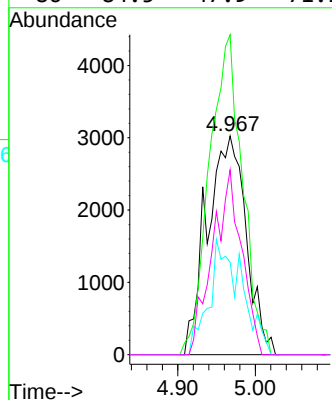
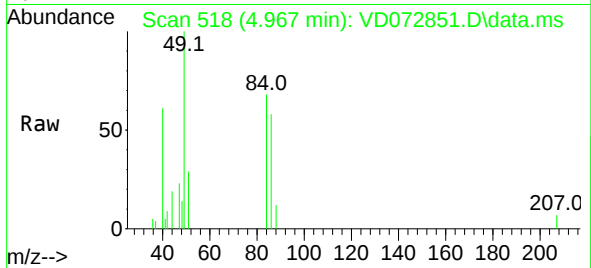




#20
Methylene Chloride
Concen: Below Cal
RT: 4.967 min Scan# 517
Delta R.T. 0.005 min
Lab File: VD072851.D
Acq: 06 May 2022 15:03

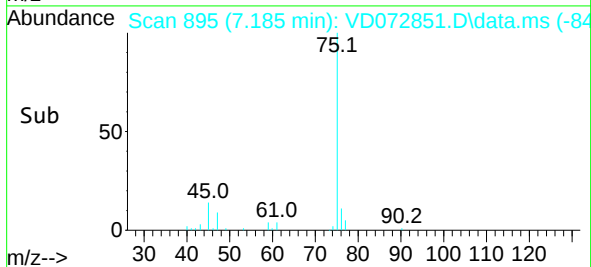
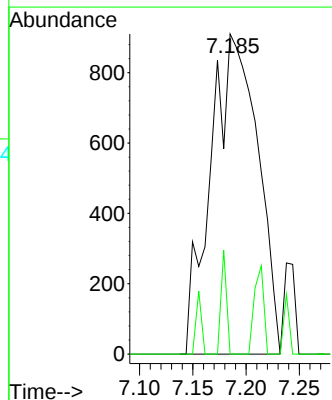
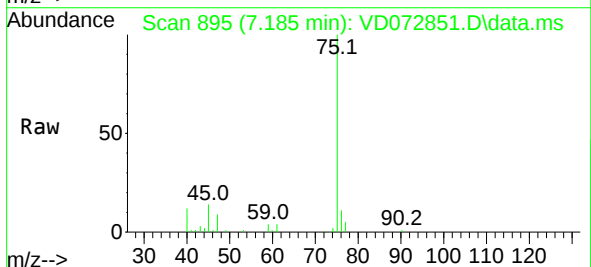
Instrument :
MSVOA_D
ClientSampleId :
OR-03-050322

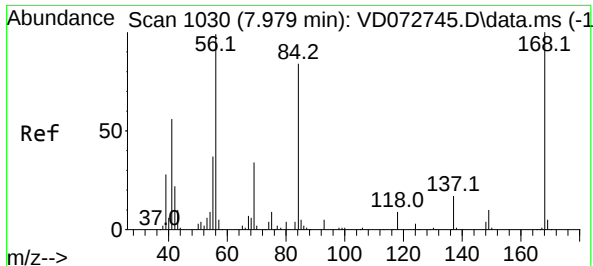
Tgt Ion: 84 Resp: 10587
Ion Ratio Lower Upper
84 100
49 146.3 112.8 169.2
51 42.2 32.6 48.8
86 84.5 47.9 71.9#



#25
2-Butanone
Concen: 2.129 ug/l
RT: 7.185 min Scan# 895
Delta R.T. -0.024 min
Lab File: VD072851.D
Acq: 06 May 2022 15:03

Tgt Ion: 43 Resp: 2799
Ion Ratio Lower Upper
43 100
72 0.0 18.6 27.8#





#31

Cyclohexane

Concen: 1.187 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.006 min

Lab File: VD072851.D

Acq: 06 May 2022 15:03

Instrument :

MSVOA_D

ClientSampleId :

OR-03-050322

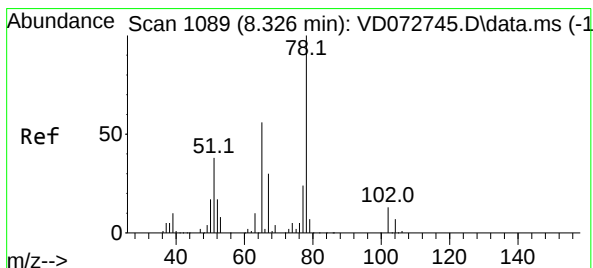
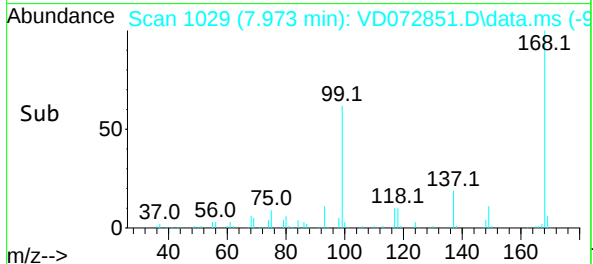
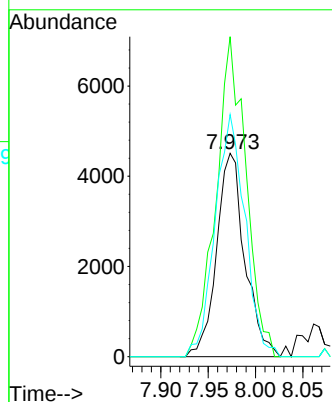
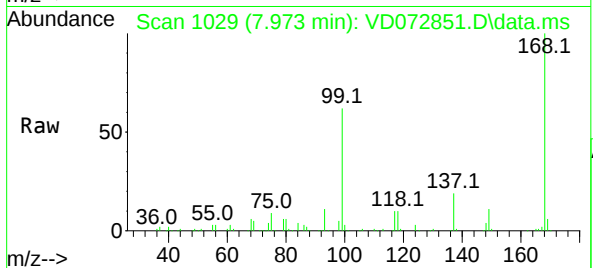
Tgt Ion: 56 Resp: 9366

Ion Ratio Lower Upper

56 100

69 157.4 25.4 38.2#

84 119.1 63.0 94.4#



#33

1,2-Dichloroethane-d4

Concen: 48.532 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD072851.D

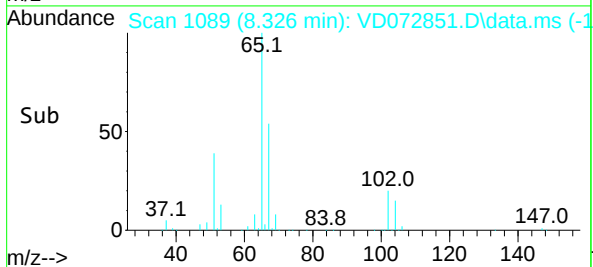
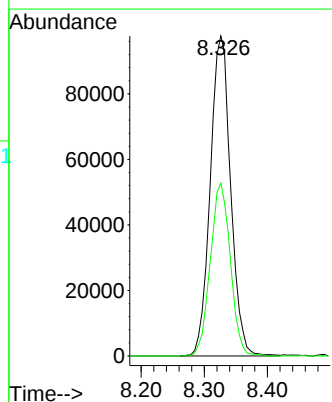
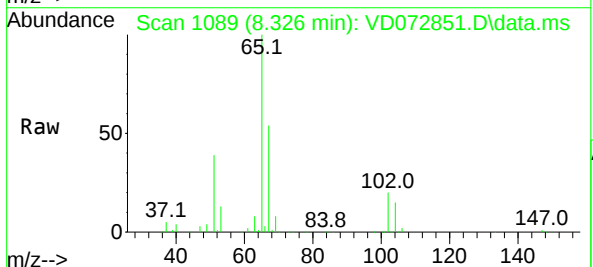
Acq: 06 May 2022 15:03

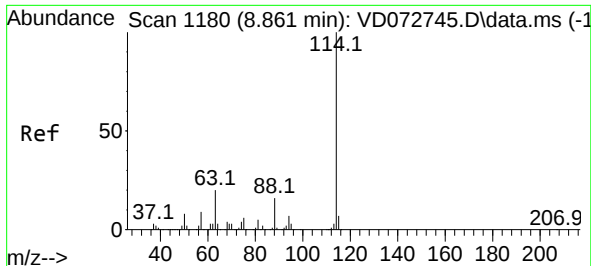
Tgt Ion: 65 Resp: 219030

Ion Ratio Lower Upper

65 100

67 53.0 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: VD072851.D

Acq: 06 May 2022 15:03

Instrument :

MSVOA_D

ClientSampleId :

OR-03-050322

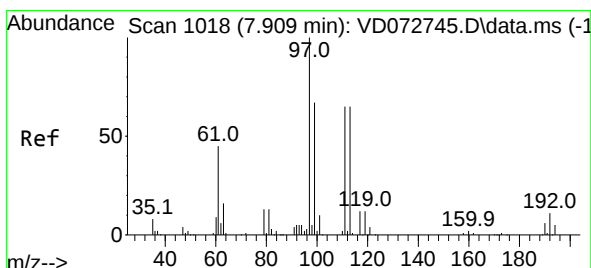
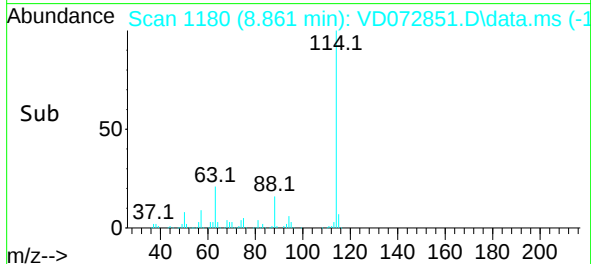
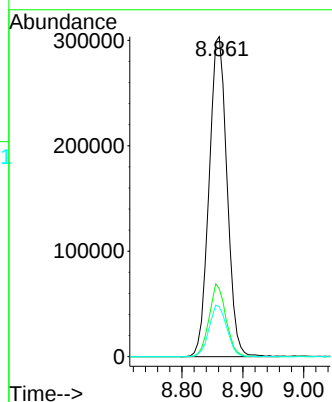
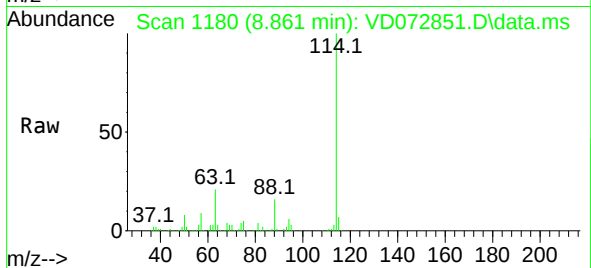
Tgt Ion:114 Resp: 621504

Ion Ratio Lower Upper

114 100

63 21.3 0.0 46.6

88 15.6 0.0 33.2



#35

Dibromofluoromethane

Concen: 47.712 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. -0.001 min

Lab File: VD072851.D

Acq: 06 May 2022 15:03

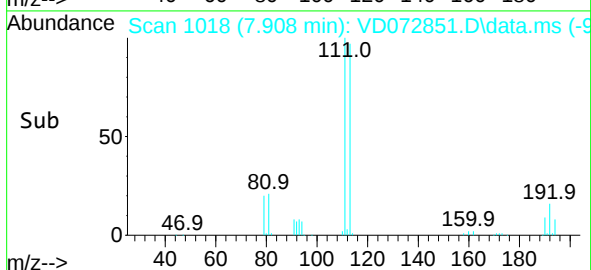
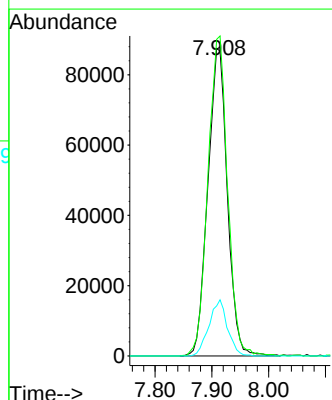
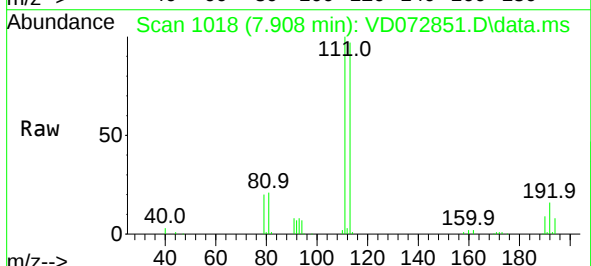
Tgt Ion:113 Resp: 208256

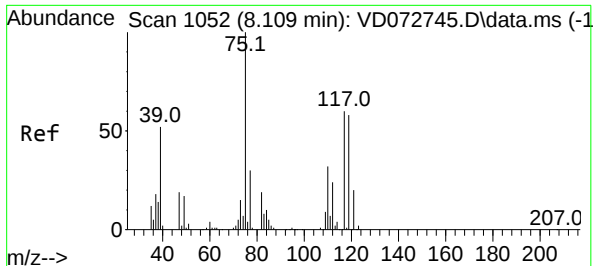
Ion Ratio Lower Upper

113 100

111 105.0 83.8 125.6

192 17.3 14.6 21.8





#36

1,1-Dichloropropene

Concen: 4.265 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.136 min

Lab File: VD072851.D

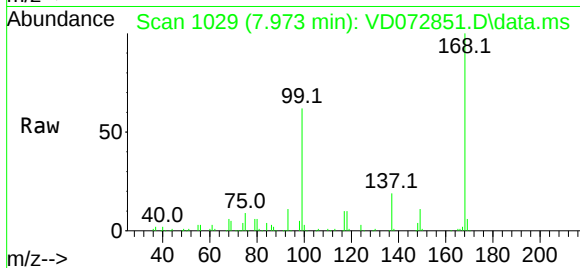
Acq: 06 May 2022 15:03

Instrument :

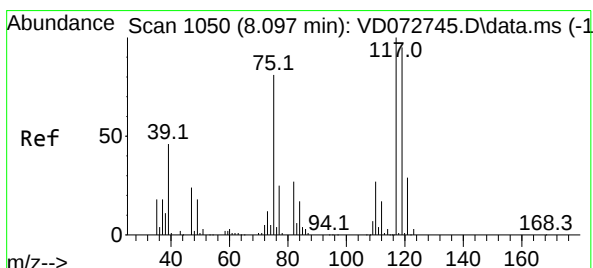
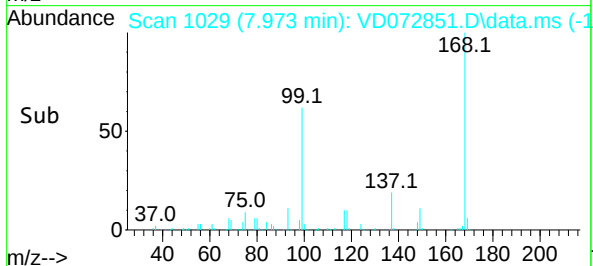
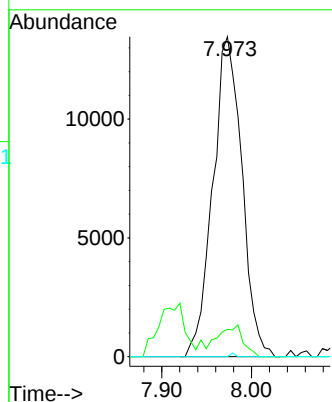
MSVOA_D

ClientSampleId :

OR-03-050322



Tgt Ion: 75	Resp: 30272
Ion Ratio	Lower Upper
75	100
110	8.5 16.4 49.1#
77	0.2 24.2 36.2#



#38

Carbon Tetrachloride

Concen: 5.108 ug/l

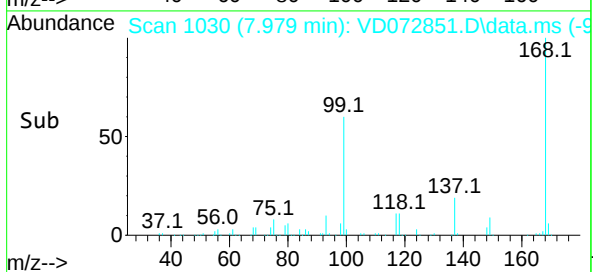
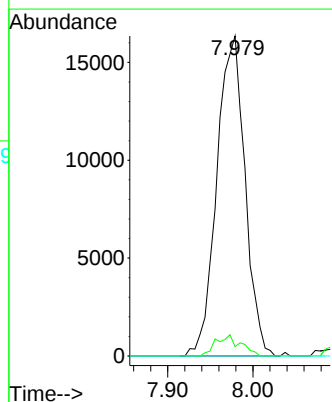
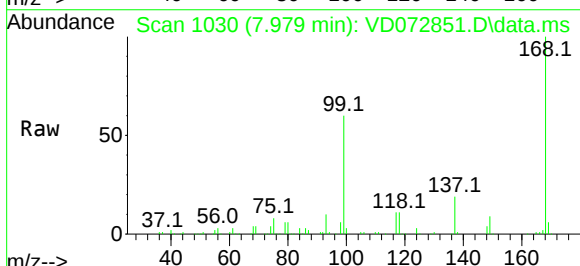
RT: 7.979 min Scan# 1030

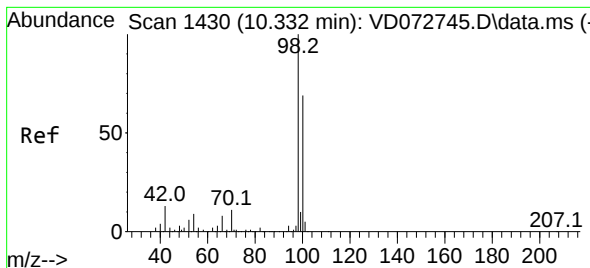
Delta R.T. -0.118 min

Lab File: VD072851.D

Acq: 06 May 2022 15:03

Tgt Ion: 117	Resp: 37630
Ion Ratio	Lower Upper
117	100
119	2.9 75.8 113.6#
121	0.0 24.5 36.7#

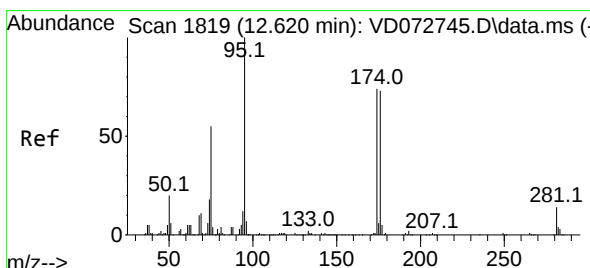
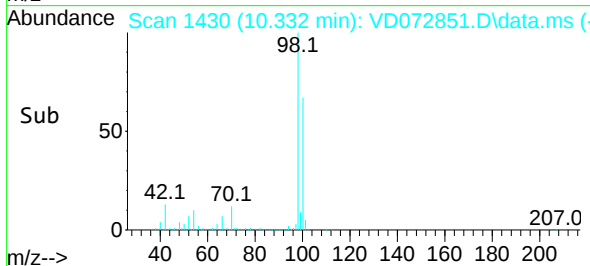
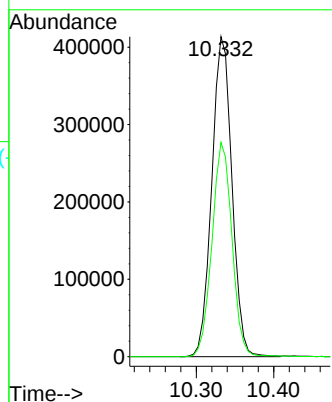
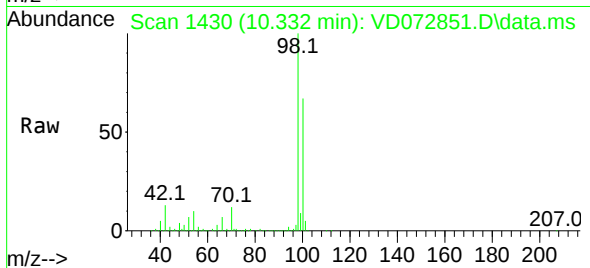




#50
Toluene-d8
Concen: 47.666 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD072851.D
Acq: 06 May 2022 15:03

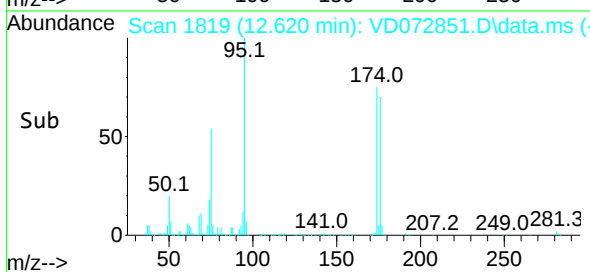
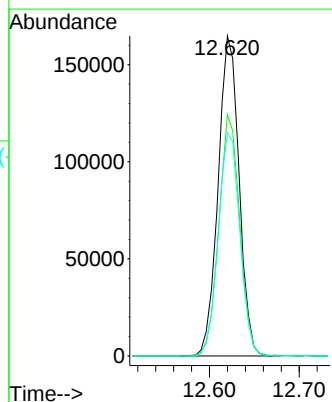
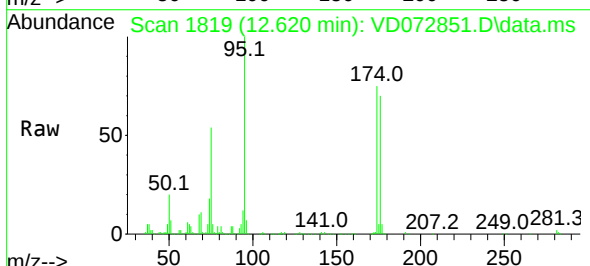
Instrument :
MSVOA_D
ClientSampleId :
OR-03-050322

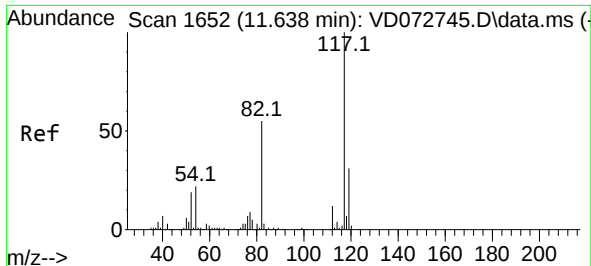
Tgt Ion: 98 Resp: 746320
Ion Ratio Lower Upper
98 100
100 66.6 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 45.720 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD072851.D
Acq: 06 May 2022 15:03

Tgt Ion: 95 Resp: 266923
Ion Ratio Lower Upper
95 100
174 75.2 0.0 152.8
176 71.6 0.0 145.4

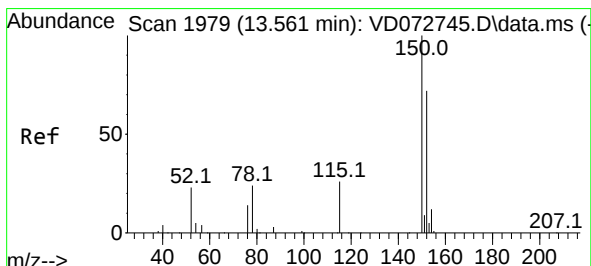
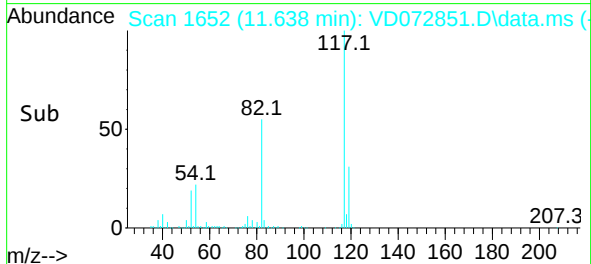
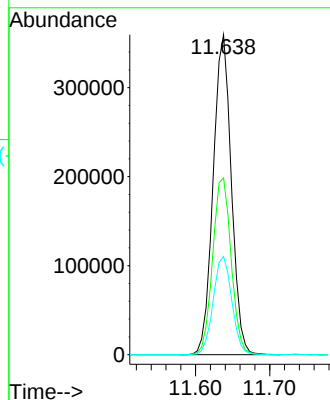
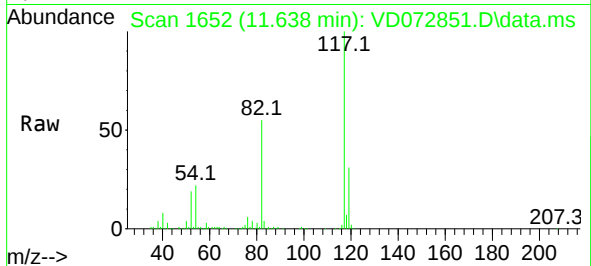




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD072851.D
Acq: 06 May 2022 15:03

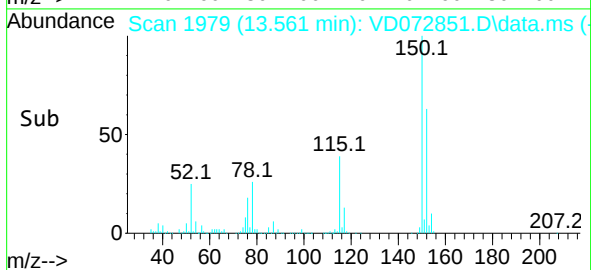
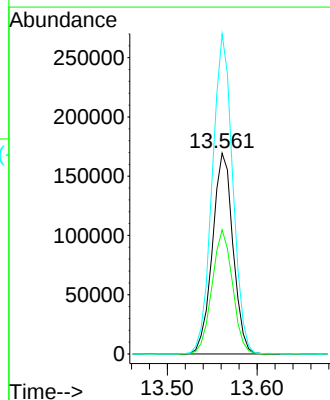
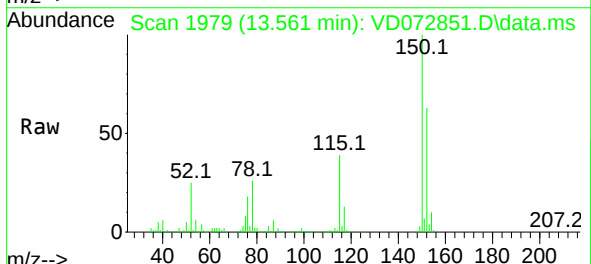
Instrument :
MSVOA_D
ClientSampleId :
OR-03-050322

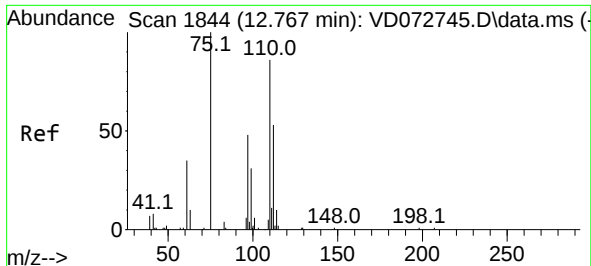
Tgt Ion:117 Resp: 611471
Ion Ratio Lower Upper
117 100
82 55.2 45.3 67.9
119 30.7 26.6 40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD072851.D
Acq: 06 May 2022 15:03

Tgt Ion:152 Resp: 269871
Ion Ratio Lower Upper
152 100
115 61.5 31.3 93.8
150 158.4 0.0 348.6

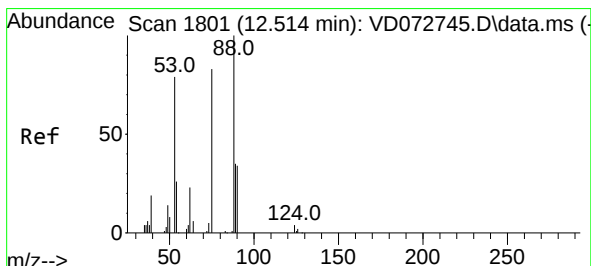
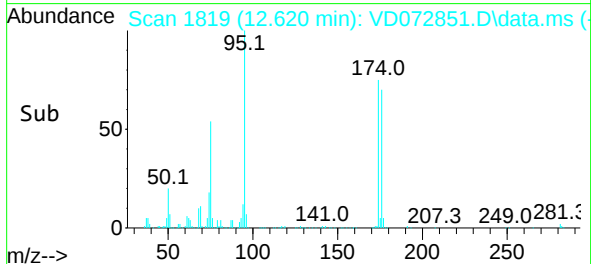
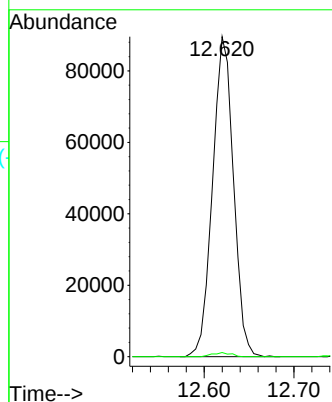
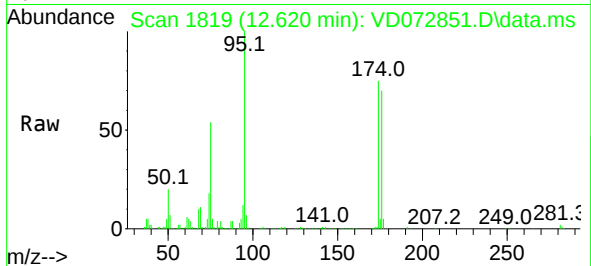




#76
1,2,3-Trichloropropane
Concen: 48.198 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.147 min
Lab File: VD072851.D
Acq: 06 May 2022 15:03

Instrument :
MSVOA_D
ClientSampleId :
OR-03-050322

Tgt Ion: 75 Resp: 145040
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 110.836 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.106 min
Lab File: VD072851.D
Acq: 06 May 2022 15:03

Tgt Ion: 75 Resp: 145040
Ion Ratio Lower Upper
75 100
53 0.1 86.5 129.7#
89 0.1 33.9 50.9#

