

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041922\
 Data File : VD072634.D
 Acq On : 19 Apr 2022 19:38
 Operator : VA/SY
 Sample : N2464-01
 Misc : 5.02G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 OK-03-041822

Quant Time: Apr 20 05:05:13 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D032922S.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 30 02:44:36 2022
 Response via : Initial Calibration

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

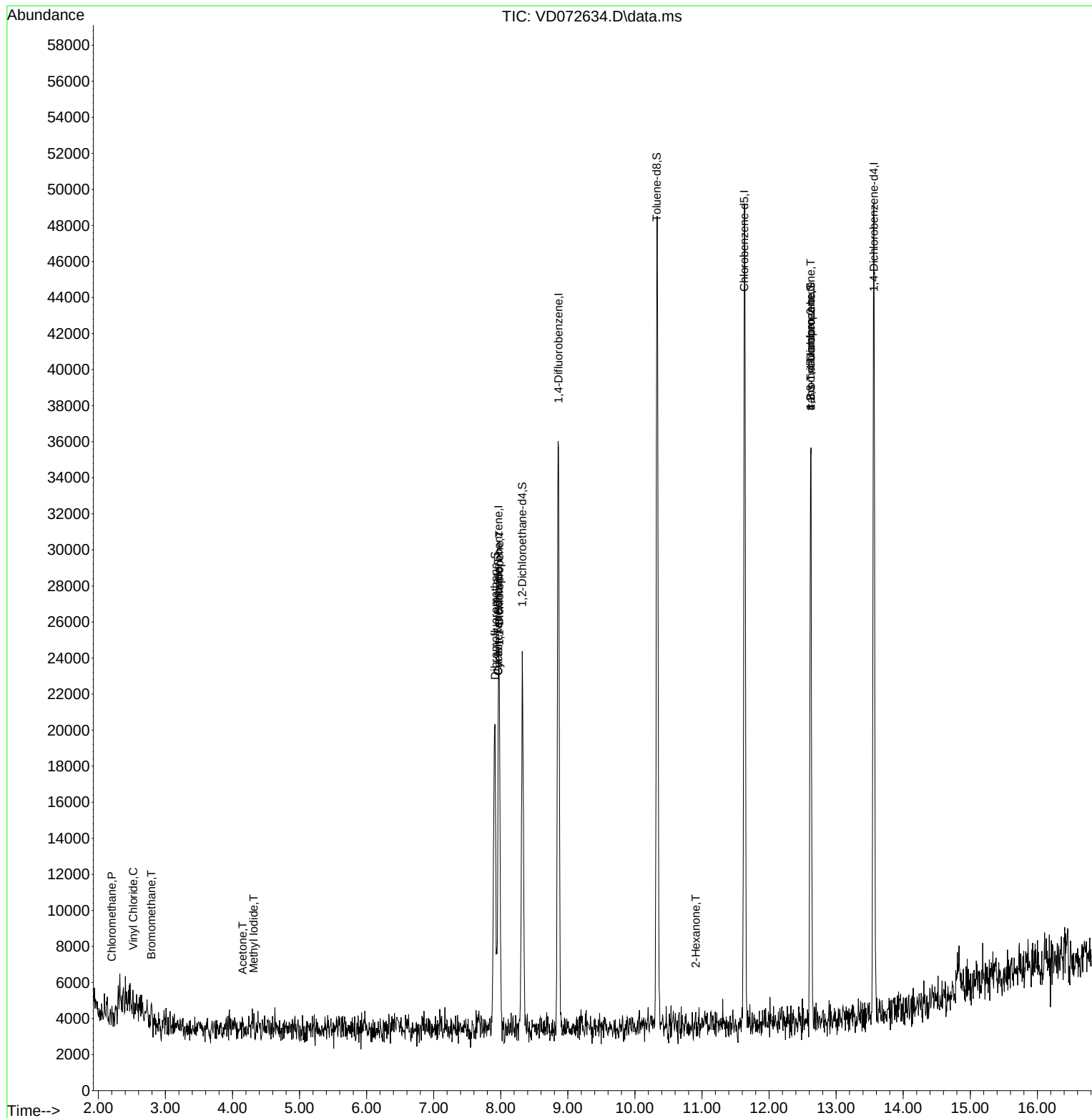
Internal Standards						
1) Pentafluorobenzene	7.967	168	15943	50.000	ug/l	#-0.01
34) 1,4-Difluorobenzene	8.861	114	27838	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	27759	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	12816	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	15330	79.487	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 158.980%			
35) Dibromofluoromethane	7.914	113	12227	56.517	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 113.040%			
50) Toluene-d8	10.326	98	32507	43.227	ug/l	-0.01
Spiked Amount 50.000	Range 49 - 140		Recovery = 86.460%			
62) 4-Bromofluorobenzene	12.620	95	11127	37.886	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 75.780%			
Target Compounds						Qvalue
3) Chloromethane	2.203	50	458	3.913	ug/l #	77
4) Vinyl Chloride	2.520	62	58	1.373	ug/l #	43
5) Bromomethane	2.791	94	641	7.108	ug/l	89
10) Methyl Iodide	4.314	142	297	5.341	ug/l #	61
16) Acetone	4.150	43	168	4.672	ug/l #	47
31) Cyclohexane	7.961	56	273	1.083	ug/l #	24
36) 1,1-Dichloropropene	7.979	75	1324	5.805	ug/l #	43
38) Carbon Tetrachloride	7.961	117	1927	6.466	ug/l #	13
59) 2-Hexanone	10.908	43	131	1.633	ug/l #	27
76) 1,2,3-Trichloropropane	12.620	75	5547	39.684	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.620	75	5547	97.377	ug/l #	7

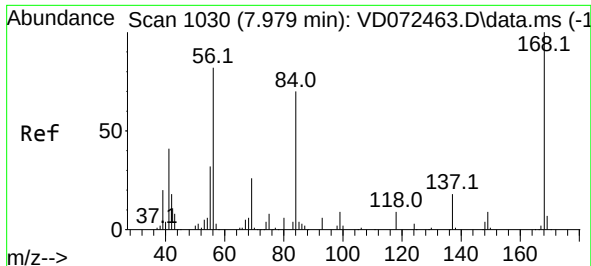
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041922\
Data File : VD072634.D
Acq On : 19 Apr 2022 19:38
Operator : VA/SY
Sample : N2464-01
Misc : 5.02G/5.00ml/MSVOA_D/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
OK-03-041822

Quant Time: Apr 20 05:05:13 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D032922S.M
Quant Title : SW846 8260
QLast Update : Wed Mar 30 02:44:36 2022
Response via : Initial Calibration

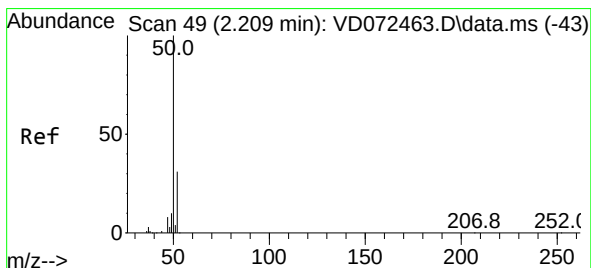
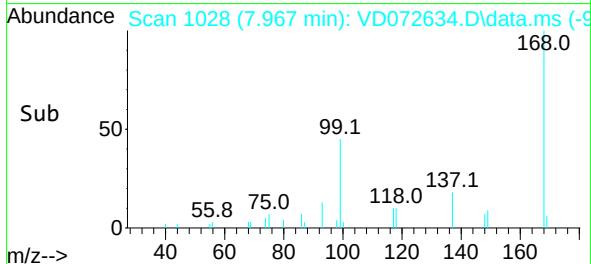
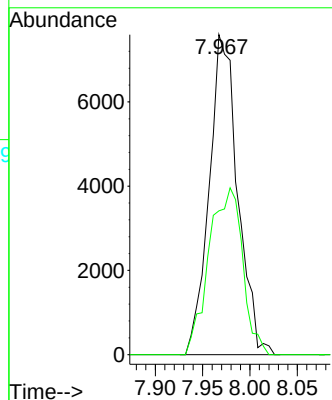
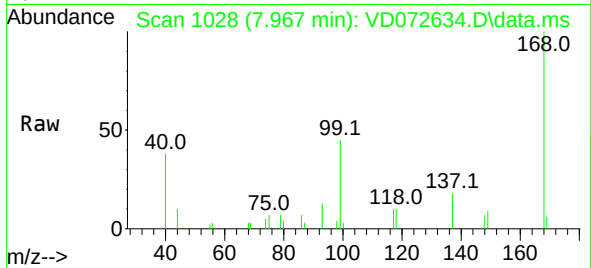




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.967 min Scan# 1028
Delta R.T. -0.012 min
Lab File: VD072634.D
Acq: 19 Apr 2022 19:38

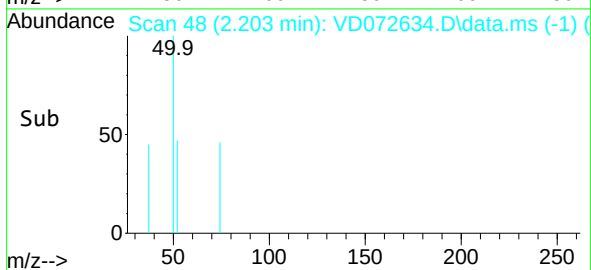
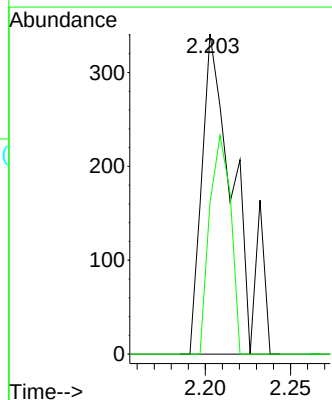
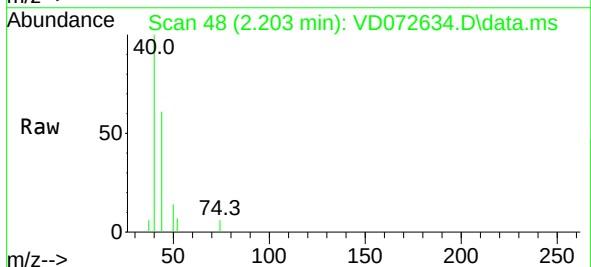
Instrument :
MSVOA_D
ClientSampleId :
OK-03-041822

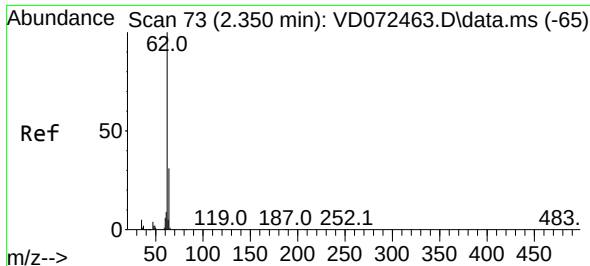
Tgt Ion:168 Resp: 15943
Ion Ratio Lower Upper
168 100
99 44.9 49.8 74.6#



#3
Chloromethane
Concen: 3.913 ug/l
RT: 2.203 min Scan# 48
Delta R.T. -0.006 min
Lab File: VD072634.D
Acq: 19 Apr 2022 19:38

Tgt Ion: 50 Resp: 458
Ion Ratio Lower Upper
50 100
52 47.2 27.4 41.0#

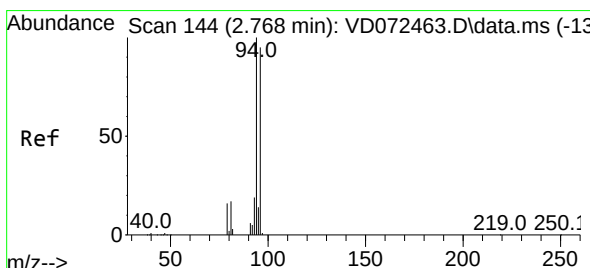
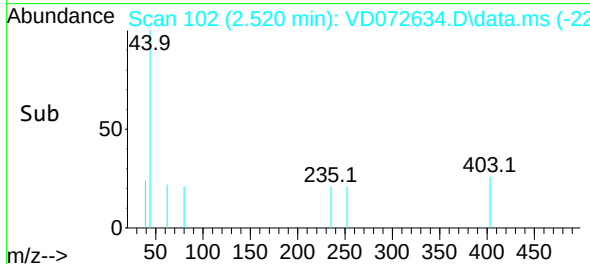
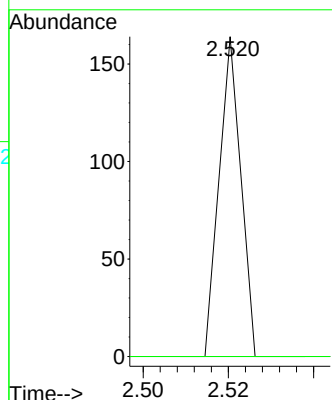
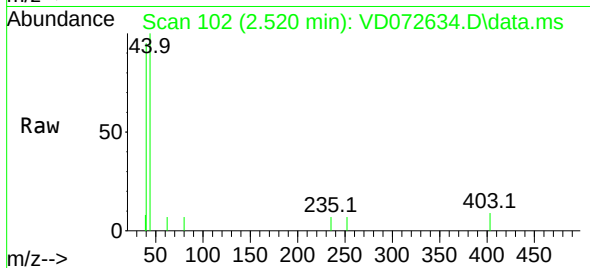




#4
 Vinyl Chloride
 Concen: 1.373 ug/l
 RT: 2.520 min Scan# 102
 Delta R.T. 0.170 min
 Lab File: VD072634.D
 Acq: 19 Apr 2022 19:38

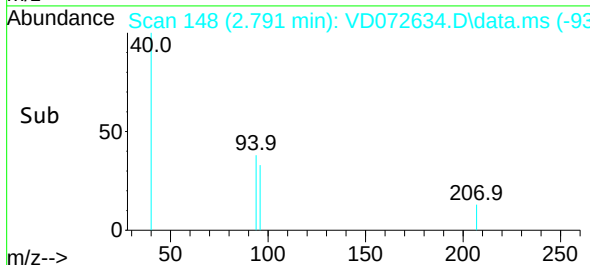
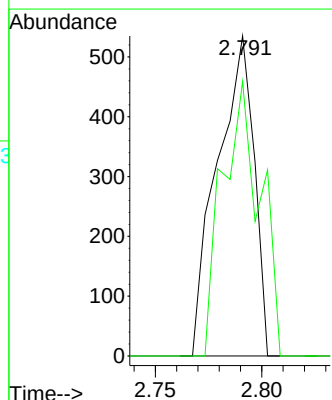
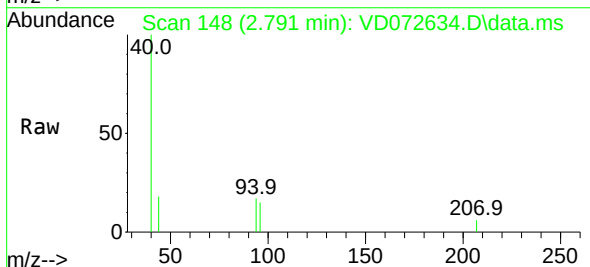
Instrument :
 MSVOA_D
 ClientSampleId :
 OK-03-041822

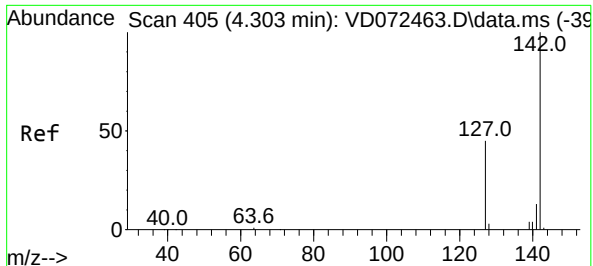
Tgt Ion: 62 Resp: 58
 Ion Ratio Lower Upper
 62 100
 64 0.0 25.4 38.0#



#5
 Bromomethane
 Concen: 7.108 ug/l
 RT: 2.791 min Scan# 148
 Delta R.T. 0.023 min
 Lab File: VD072634.D
 Acq: 19 Apr 2022 19:38

Tgt Ion: 94 Resp: 641
 Ion Ratio Lower Upper
 94 100
 96 85.8 77.6 116.4

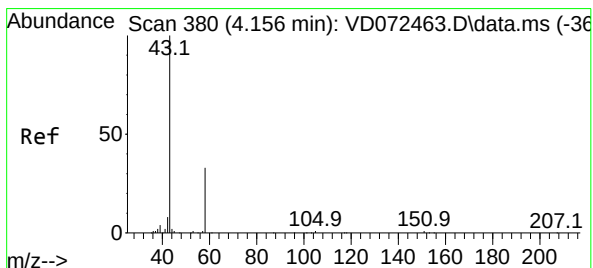
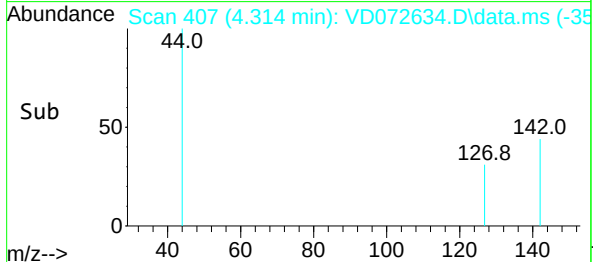
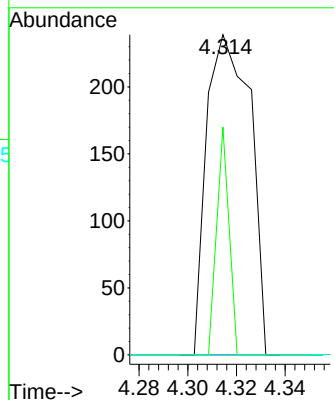
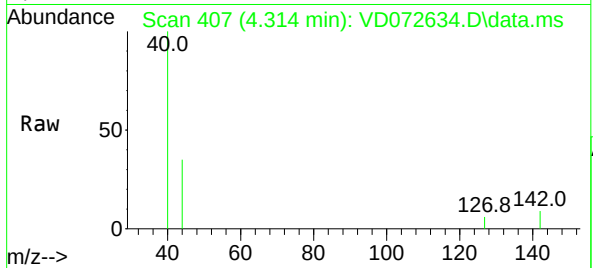




#10
Methyl Iodide
Concen: 5.341 ug/l
RT: 4.314 min Scan# 407
Delta R.T. 0.011 min
Lab File: VD072634.D
Acq: 19 Apr 2022 19:38

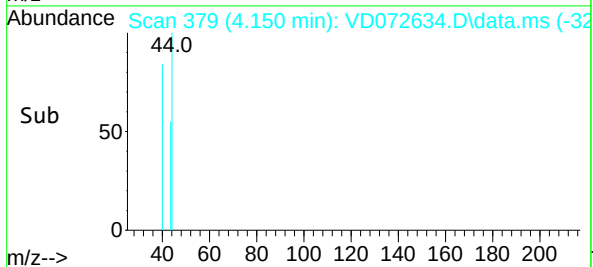
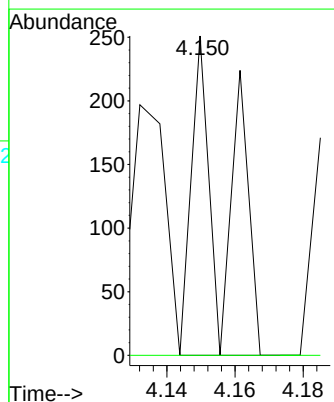
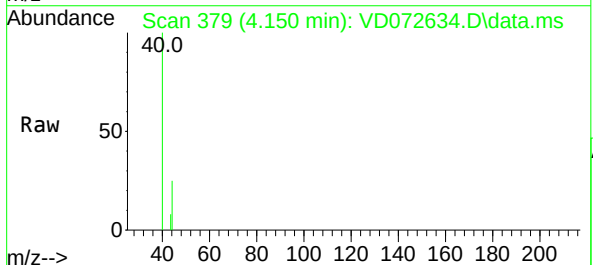
Instrument :
MSVOA_D
ClientSampleId :
OK-03-041822

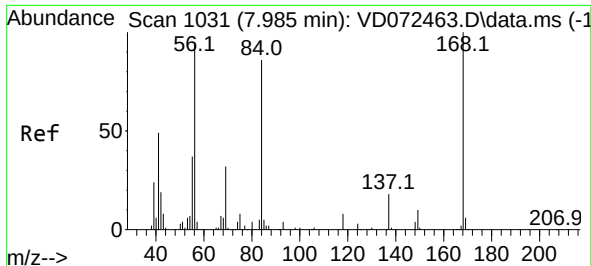
Tgt Ion:142 Resp: 297
Ion Ratio Lower Upper
142 100
127 20.2 37.3 55.9#
141 0.0 11.7 17.5#



#16
Acetone
Concen: 4.672 ug/l
RT: 4.150 min Scan# 379
Delta R.T. -0.006 min
Lab File: VD072634.D
Acq: 19 Apr 2022 19:38

Tgt Ion: 43 Resp: 168
Ion Ratio Lower Upper
43 100
58 0.0 22.1 33.1#





#31

Cyclohexane

Concen: 1.083 ug/l

RT: 7.961 min Scan# 1027

Delta R.T. -0.024 min

Lab File: VD072634.D

Acq: 19 Apr 2022 19:38

Instrument :

MSVOA_D

ClientSampleId :

OK-03-041822

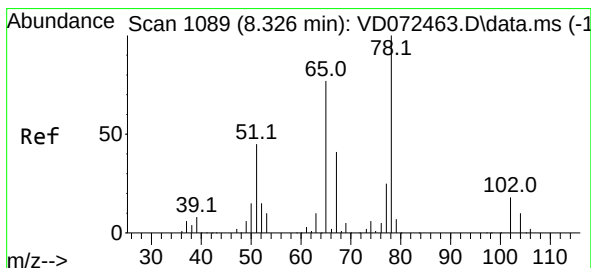
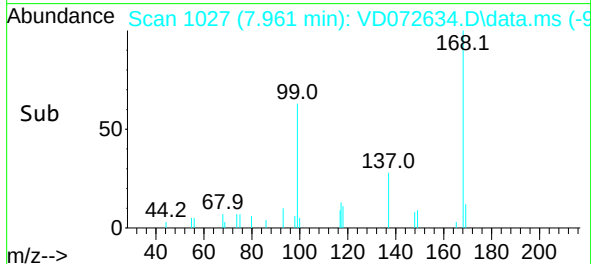
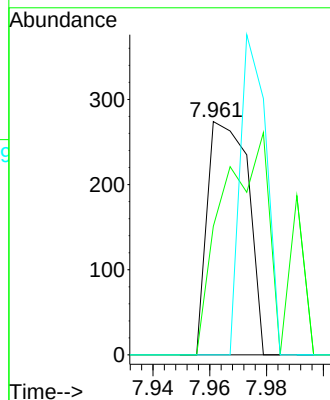
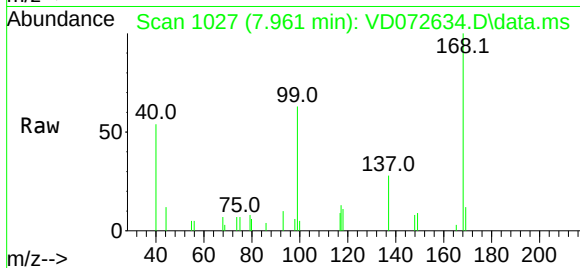
Tgt Ion: 56 Resp: 273

Ion Ratio Lower Upper

56 100

69 55.1 25.4 38.2#

84 0.0 63.0 94.4#



#33

1,2-Dichloroethane-d4

Concen: 79.487 ug/l

RT: 8.320 min Scan# 1088

Delta R.T. -0.006 min

Lab File: VD072634.D

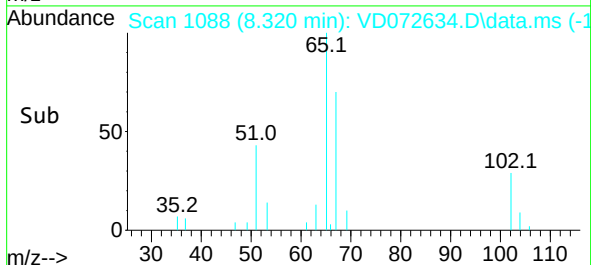
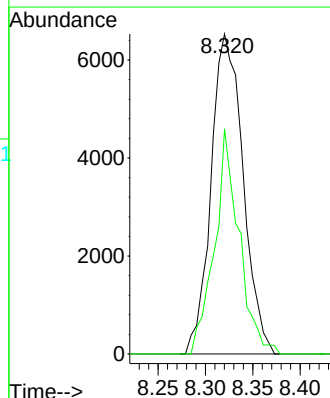
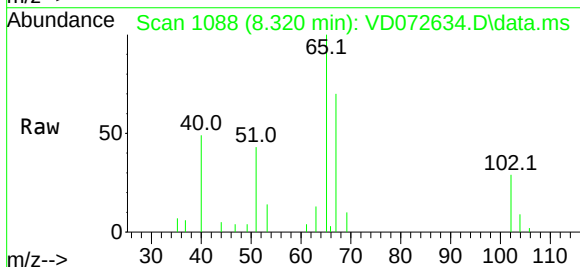
Acq: 19 Apr 2022 19:38

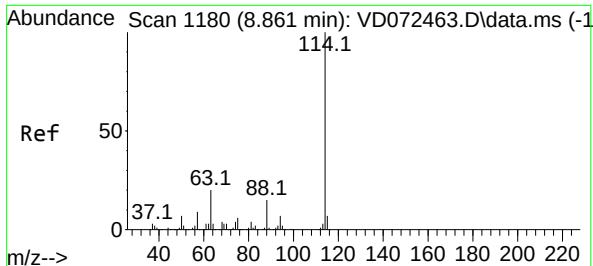
Tgt Ion: 65 Resp: 15330

Ion Ratio Lower Upper

65 100

67 54.1 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: VD072634.D

Acq: 19 Apr 2022 19:38

Instrument :

MSVOA_D

ClientSampleId :

OK-03-041822

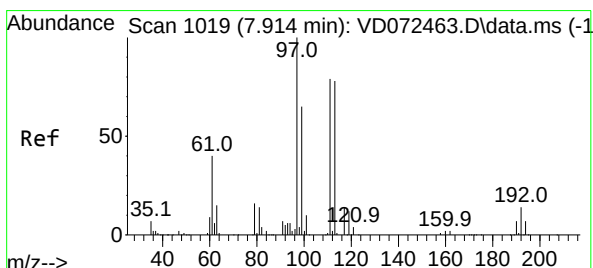
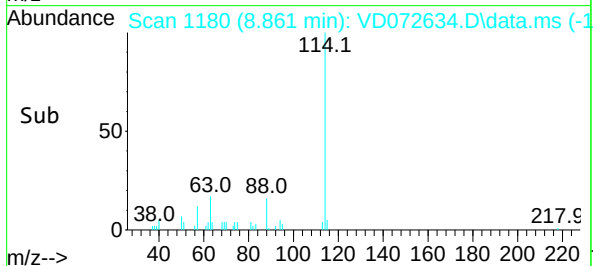
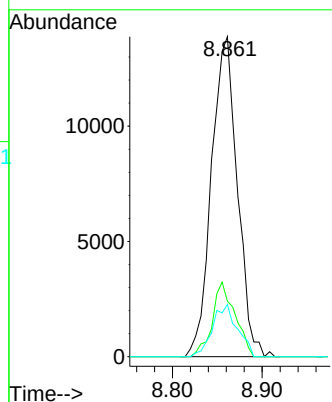
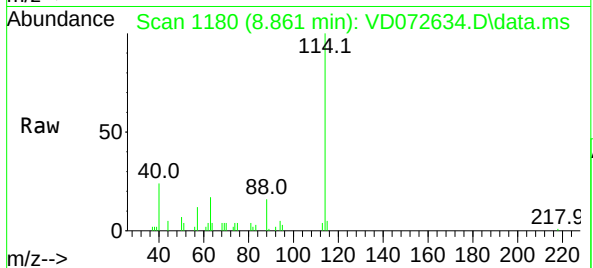
Tgt Ion:114 Resp: 27838

Ion Ratio Lower Upper

114 100

63 21.2 0.0 46.6

88 16.3 0.0 33.2



#35

Dibromofluoromethane

Concen: 56.517 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. -0.000 min

Lab File: VD072634.D

Acq: 19 Apr 2022 19:38

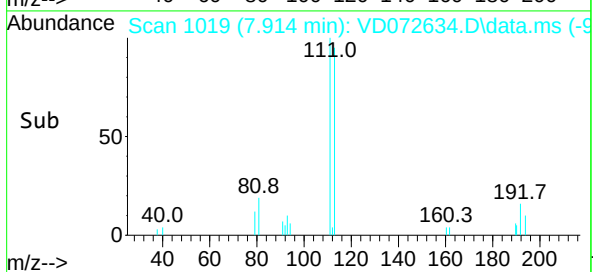
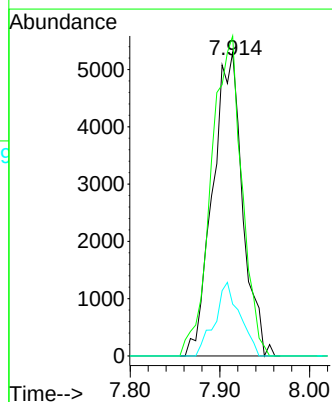
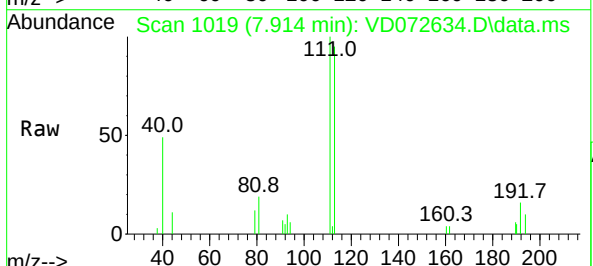
Tgt Ion:113 Resp: 12227

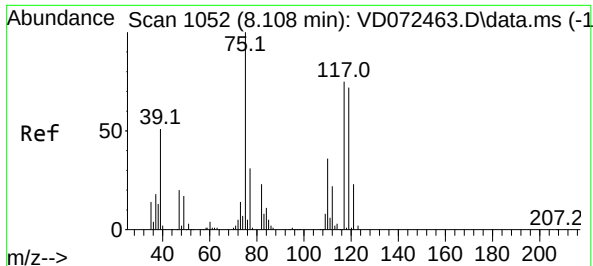
Ion Ratio Lower Upper

113 100

111 108.0 83.8 125.6

192 20.4 14.6 21.8





#36

1,1-Dichloropropene

Concen: 5.805 ug/l

RT: 7.979 min Scan# 1027

Delta R.T. -0.129 min

Lab File: VD072634.D

Acq: 19 Apr 2022 19:38

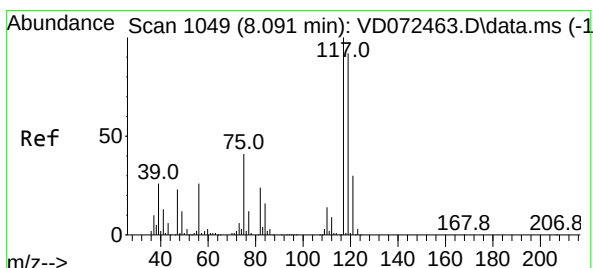
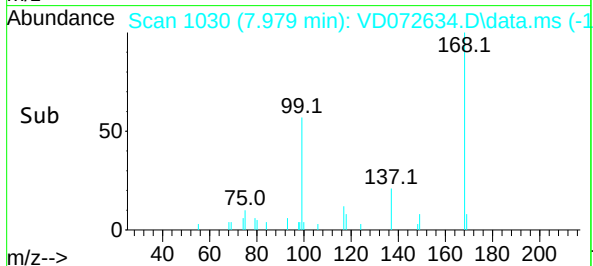
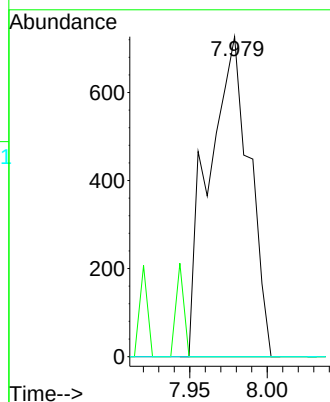
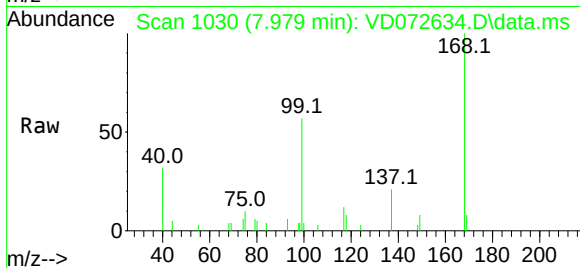
Instrument :

MSVOA_D

ClientSampleId :

OK-03-041822

Tgt Ion: 75	Resp:	1324
Ion Ratio	Lower	Upper
75	100	
110	0.0	16.4 49.1#
77	0.0	24.2 36.2#



#38

Carbon Tetrachloride

Concen: 6.466 ug/l

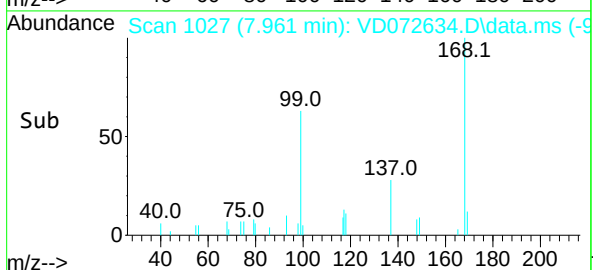
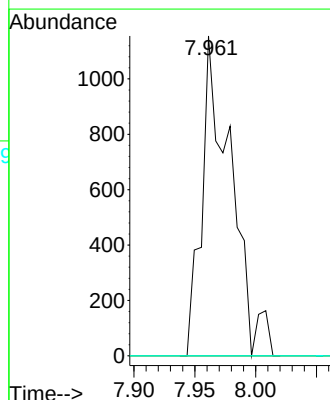
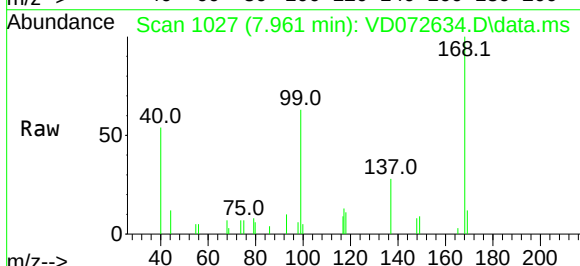
RT: 7.961 min Scan# 1027

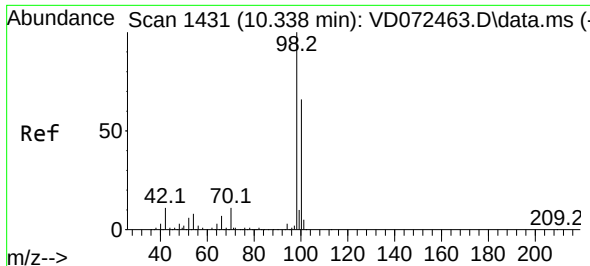
Delta R.T. -0.129 min

Lab File: VD072634.D

Acq: 19 Apr 2022 19:38

Tgt Ion: 117	Resp:	1927
Ion Ratio	Lower	Upper
117	100	
119	0.0	75.8 113.6#
121	0.0	24.5 36.7#

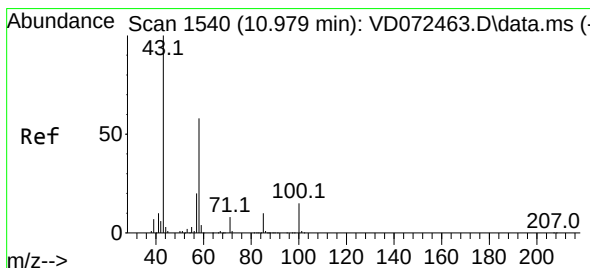
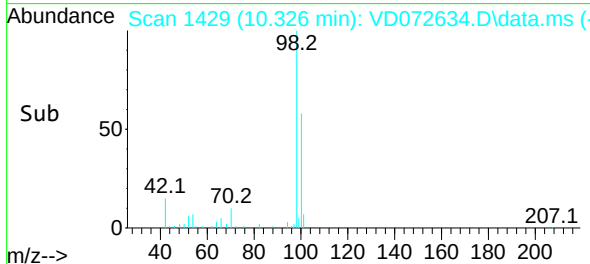
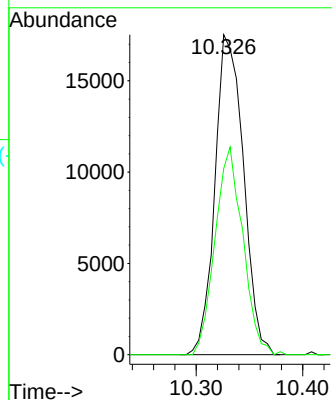
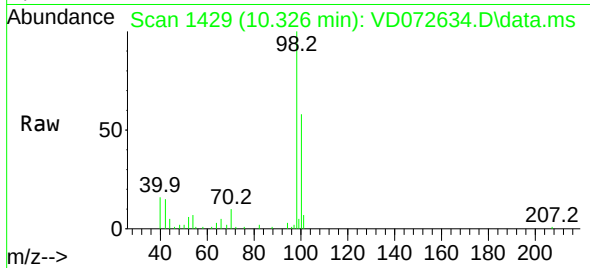




#50
Toluene-d8
Concen: 43.227 ug/l
RT: 10.326 min Scan# 1431
Delta R.T. -0.012 min
Lab File: VD072634.D
Acq: 19 Apr 2022 19:38

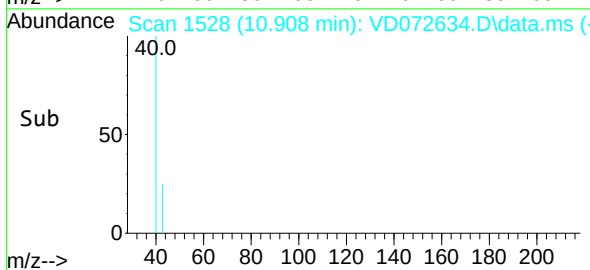
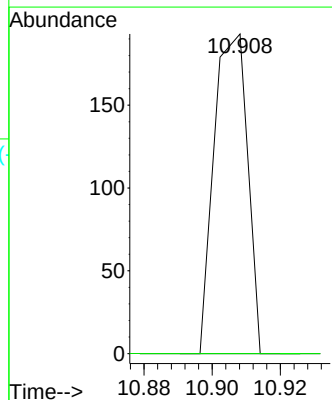
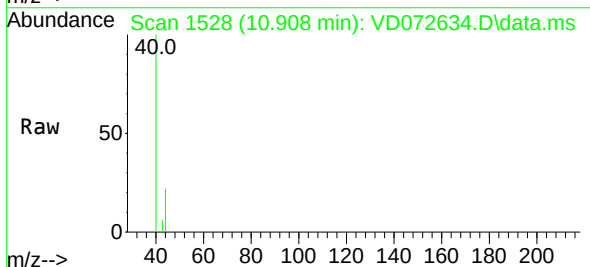
Instrument :
MSVOA_D
ClientSampleId :
OK-03-041822

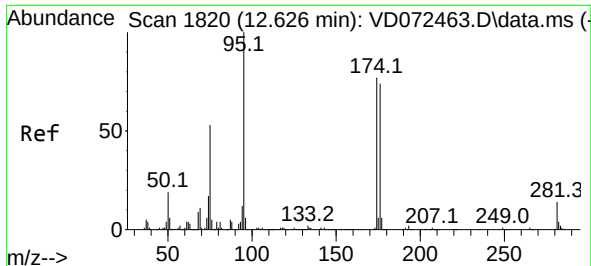
Tgt Ion: 98 Resp: 32507
Ion Ratio Lower Upper
98 100
100 63.4 52.4 78.6



#59
2-Hexanone
Concen: 1.633 ug/l
RT: 10.908 min Scan# 1528
Delta R.T. -0.071 min
Lab File: VD072634.D
Acq: 19 Apr 2022 19:38

Tgt Ion: 43 Resp: 131
Ion Ratio Lower Upper
43 100
58 0.0 25.3 75.9#

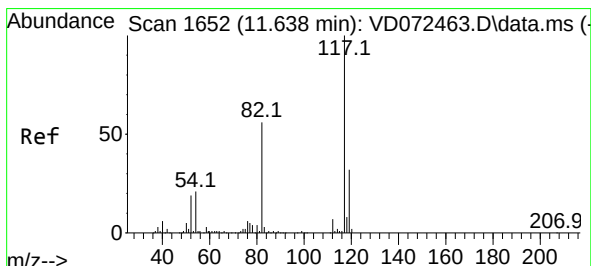
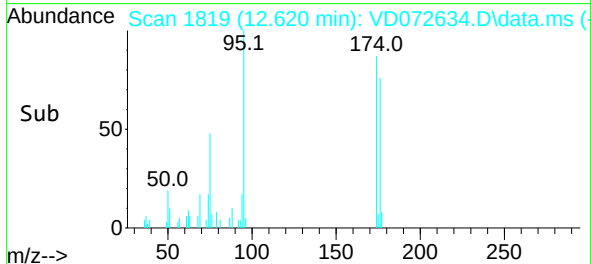
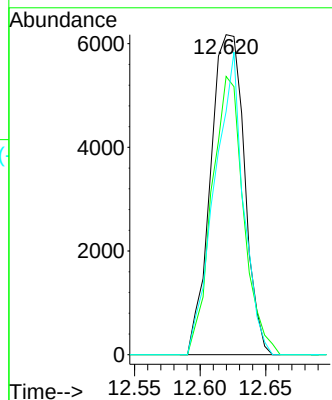
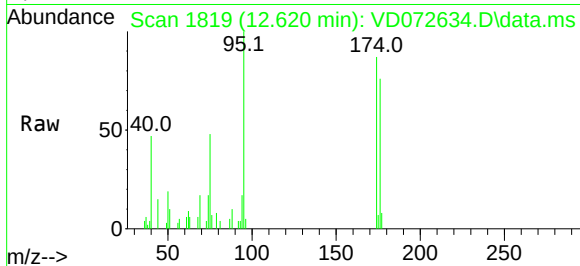




#62
4-Bromofluorobenzene
Concen: 37.886 ug/l
RT: 12.620 min Scan# 11127
Delta R.T. -0.006 min
Lab File: VD072634.D
Acq: 19 Apr 2022 19:38

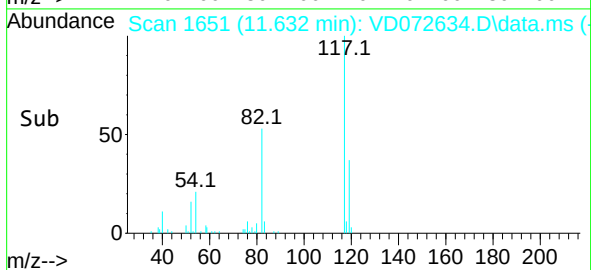
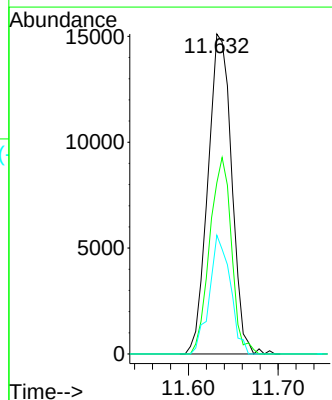
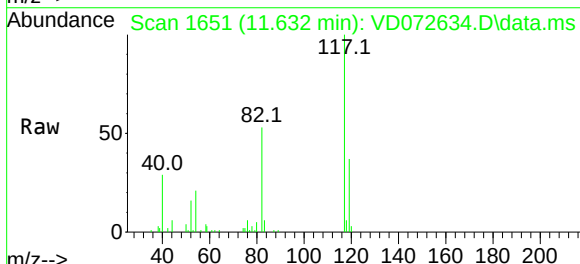
Instrument :
MSVOA_D
ClientSampleId :
OK-03-041822

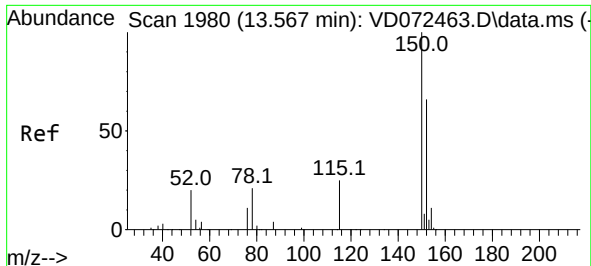
Tgt Ion: 95 Resp: 11127
Ion Ratio Lower Upper
95 100
174 81.3 0.0 152.8
176 80.5 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 1651
Delta R.T. -0.006 min
Lab File: VD072634.D
Acq: 19 Apr 2022 19:38

Tgt Ion: 117 Resp: 27759
Ion Ratio Lower Upper
117 100
82 53.5 45.3 67.9
119 37.1 26.6 40.0

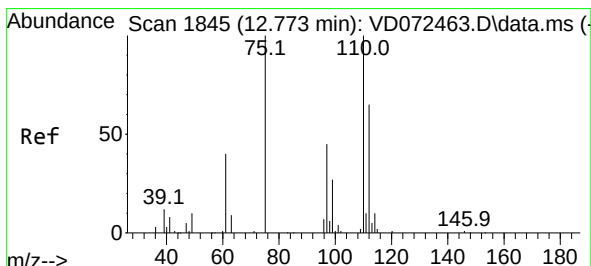
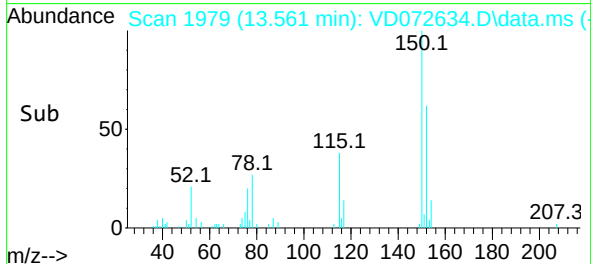
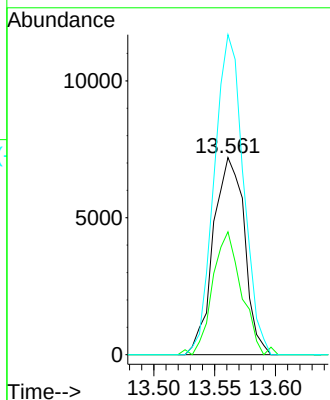
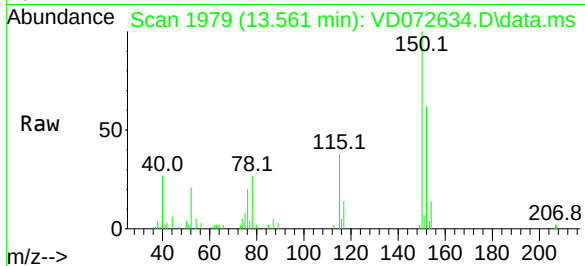




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD072634.D
Acq: 19 Apr 2022 19:38

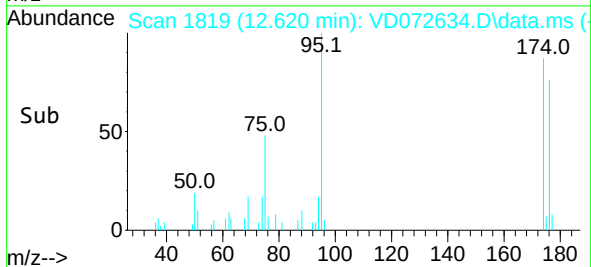
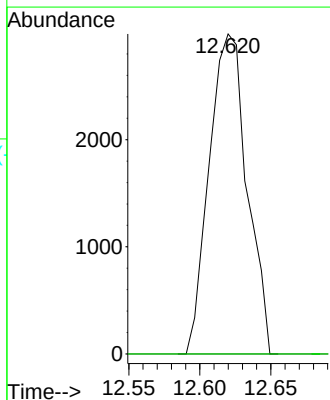
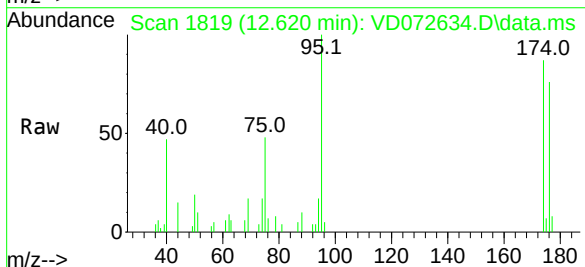
Instrument :
MSVOA_D
ClientSampleId :
OK-03-041822

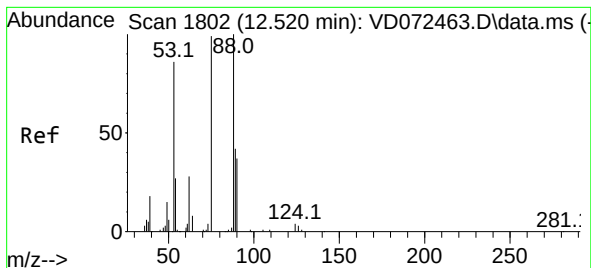
Tgt Ion:152 Resp: 12816
Ion Ratio Lower Upper
152 100
115 57.9 31.3 93.8
150 152.2 0.0 348.6



#76
1,2,3-Trichloropropane
Concen: 39.684 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.153 min
Lab File: VD072634.D
Acq: 19 Apr 2022 19:38

Tgt Ion: 75 Resp: 5547
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#81
 trans-1,4-Dichloro-2-butene
 Concen: 97.377 ug/l
 RT: 12.620 min Scan# 11
 Delta R.T. 0.100 min
 Lab File: VD072634.D
 Acq: 19 Apr 2022 19:38

Instrument :
 MSVOA_D
 ClientSampleId :
 OK-03-041822

Tgt Ion: 75 Resp: 5547
 Ion Ratio Lower Upper
 75 100
 53 0.0 86.5 129.7#
 89 0.0 33.9 50.9#

