

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052122\
 Data File : VD073244.D
 Acq On : 21 May 2022 22:19
 Operator : VA/SY
 Sample : M2920-05
 Misc : 4.87G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 P015-SS010-0006-01

Quant Time: May 22 01:35:01 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051922S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 19 15:13:42 2022
 Response via : Initial Calibration

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

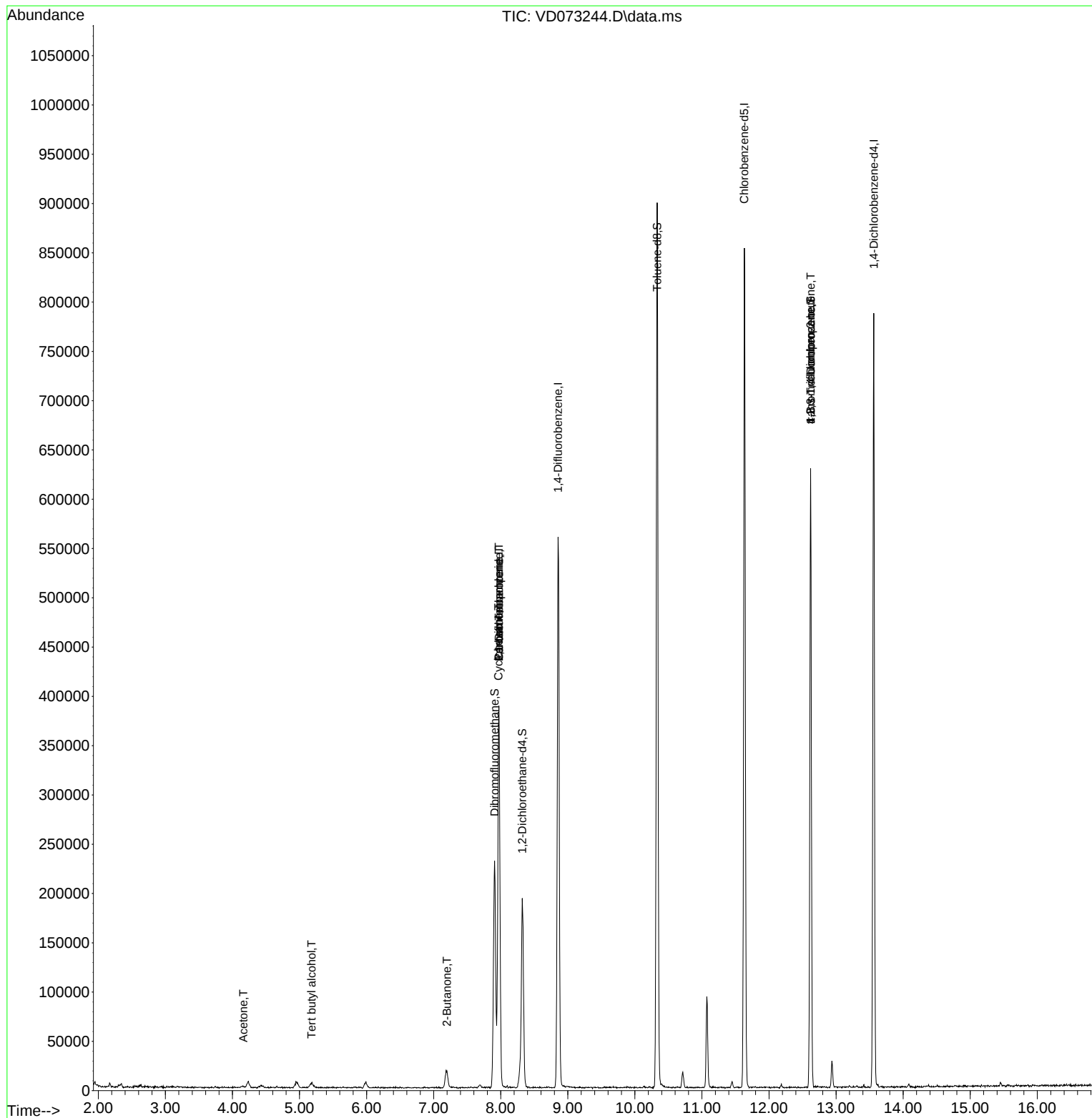
Internal Standards						
1) Pentafluorobenzene	7.973	168	271033	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.856	114	481582	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	488111	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	201560	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	148336	49.523	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.040%
35) Dibromofluoromethane	7.909	113	164141	51.652	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.300%
50) Toluene-d8	10.332	98	593365	50.654	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	101.300%
62) 4-Bromofluorobenzene	12.620	95	200143	48.685	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	97.380%
Target Compounds						
					Qvalue	
5) Bromomethane	2.773	94	535	Below Cal	#	57
11) Tert butyl alcohol	5.179	59	4867	10.473	ug/l #	74
16) Acetone	4.162	43	2678	5.162	ug/l	93
20) Methylene Chloride	4.962	84	4810	Below Cal	#	77
25) 2-Butanone	7.197	43	936	1.233	ug/l #	52
31) Cyclohexane	7.967	56	6179	1.180	ug/l #	1
36) 1,1-Dichloropropene	7.973	75	23723	4.964	ug/l #	52
38) Carbon Tetrachloride	7.973	117	28861	5.957	ug/l #	19
76) 1,2,3-Trichloropropane	12.620	75	102275	51.715	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.620	75	102275	124.153	ug/l #	7

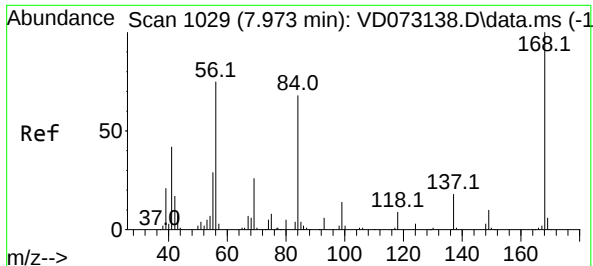
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052122\
Data File : VD073244.D
Acq On : 21 May 2022 22:19
Operator : VA/SY
Sample : M2920-05
Misc : 4.87G/5.00ml/MSVOA_D/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
P015-SS010-0006-01

Quant Time: May 22 01:35:01 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051922S.M
Quant Title : SW846 8260
QLast Update : Thu May 19 15:13:42 2022
Response via : Initial Calibration

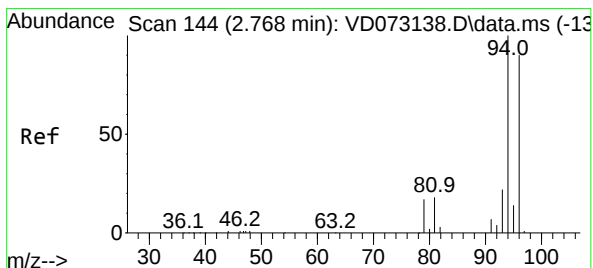
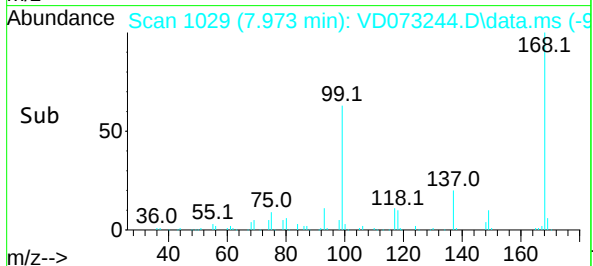
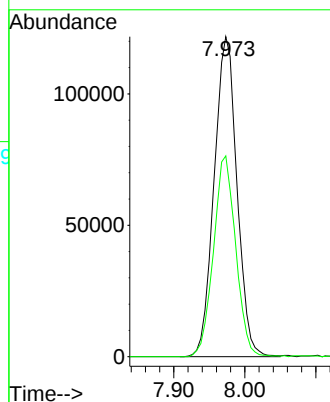
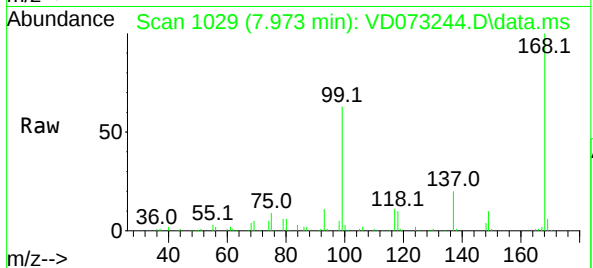




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD073244.D
Acq: 21 May 2022 22:19

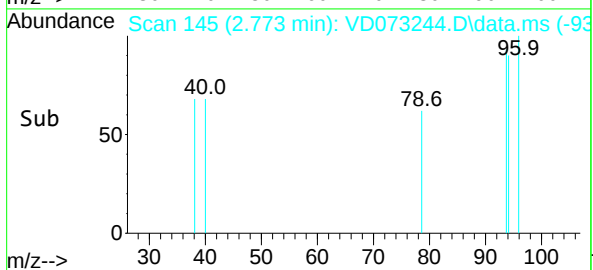
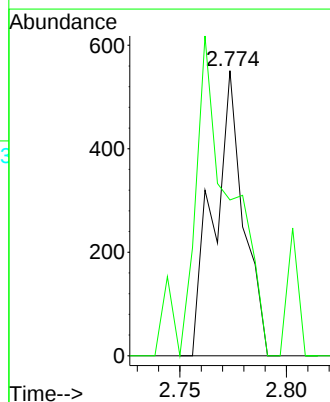
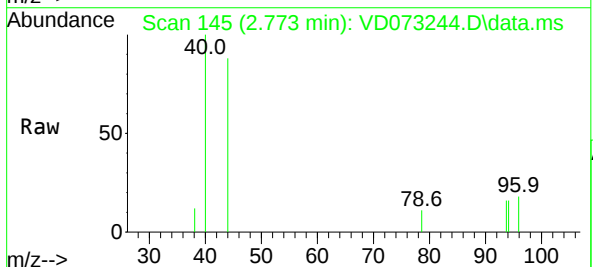
Instrument :
MSVOA_D
ClientSampleId :
P015-SS010-0006-01

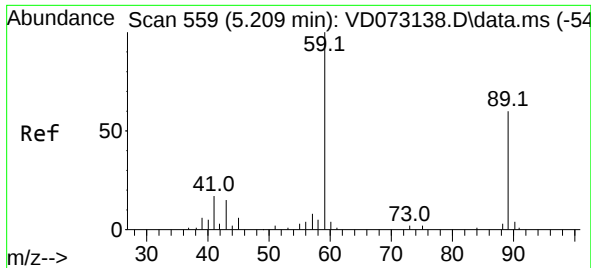
Tgt Ion:168 Resp: 271033
Ion Ratio Lower Upper
168 100
99 62.8 49.8 74.6



#5
Bromomethane
Concen: Below Cal
RT: 2.773 min Scan# 145
Delta R.T. 0.006 min
Lab File: VD073244.D
Acq: 21 May 2022 22:19

Tgt Ion: 94 Resp: 535
Ion Ratio Lower Upper
94 100
96 54.6 77.6 116.4#

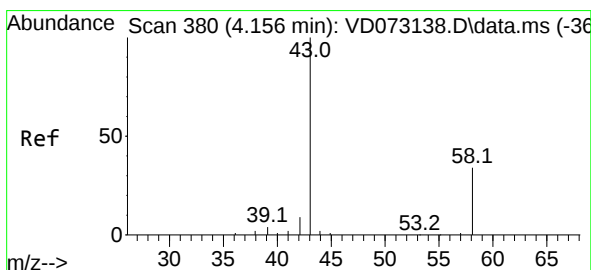
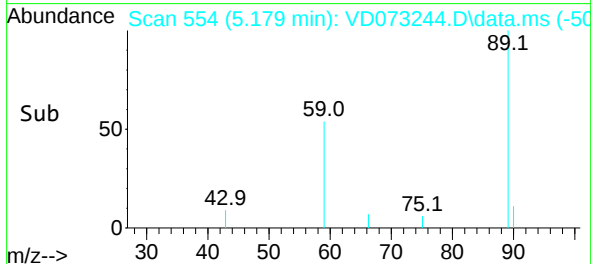
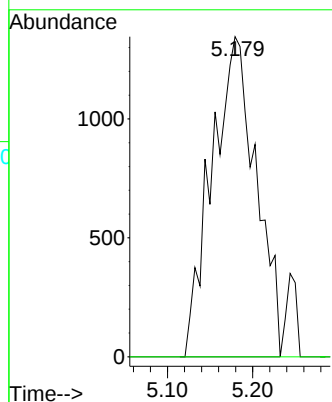
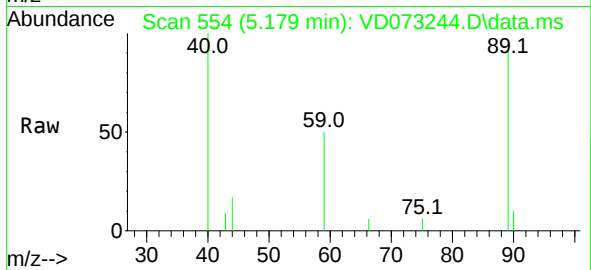




#11
Tert butyl alcohol
Concen: 10.473 ug/l
RT: 5.179 min Scan# 51
Delta R.T. -0.030 min
Lab File: VD073244.D
Acq: 21 May 2022 22:19

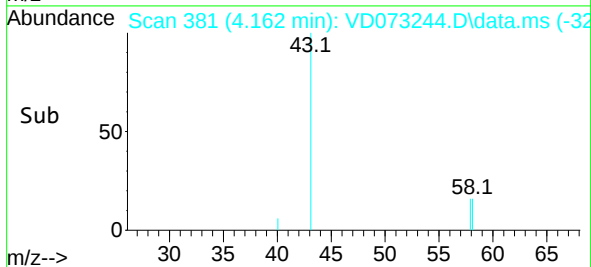
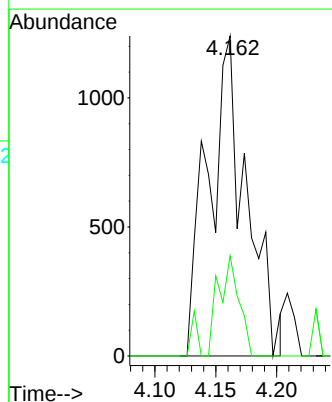
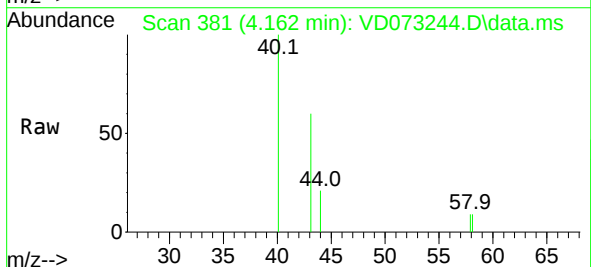
Instrument :
MSVOA_D
ClientSampleId :
P015-SS010-0006-01

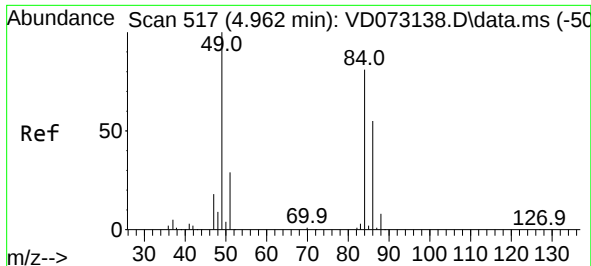
Tgt Ion: 59 Resp: 4867
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.6#



#16
Acetone
Concen: 5.162 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.006 min
Lab File: VD073244.D
Acq: 21 May 2022 22:19

Tgt Ion: 43 Resp: 2678
Ion Ratio Lower Upper
43 100
58 31.3 22.1 33.1

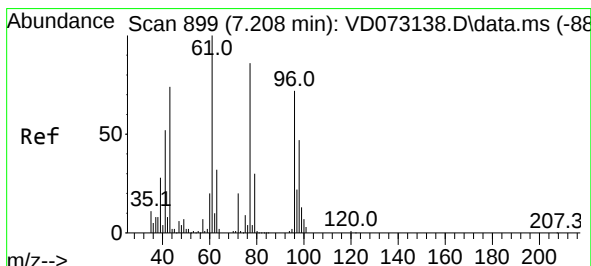
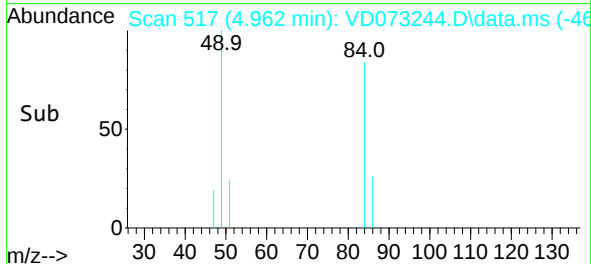
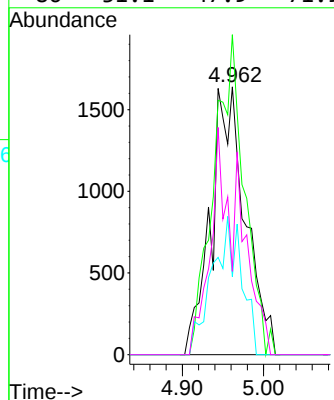
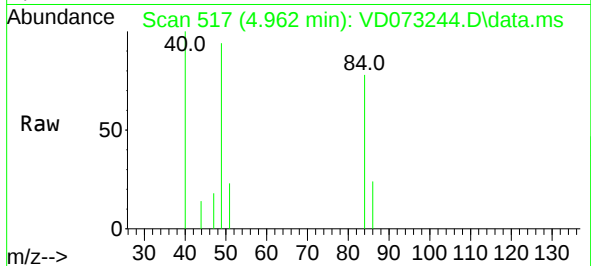




#20
Methylene Chloride
Concen: Below Cal
RT: 4.962 min Scan# 517
Delta R.T. -0.000 min
Lab File: VD073244.D
Acq: 21 May 2022 22:19

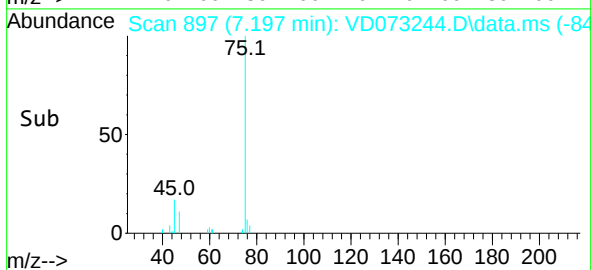
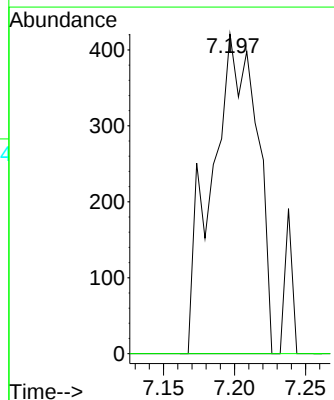
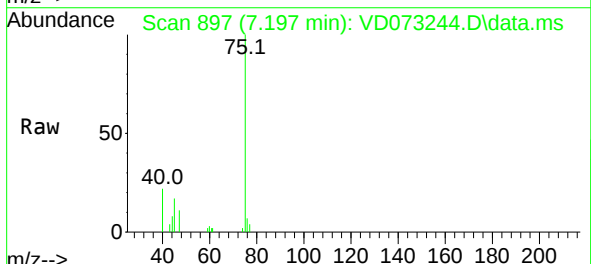
Instrument :
MSVOA_D
ClientSampleId :
P015-SS010-0006-01

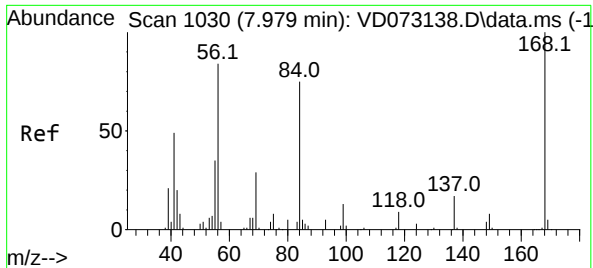
Tgt Ion:	84	Resp:	4810
Ion	Ratio	Lower	Upper
84	100		
49	119.5	112.8	169.2
51	29.1	32.6	48.8#
86	31.1	47.9	71.9#



#25
2-Butanone
Concen: 1.233 ug/l
RT: 7.197 min Scan# 897
Delta R.T. -0.011 min
Lab File: VD073244.D
Acq: 21 May 2022 22:19

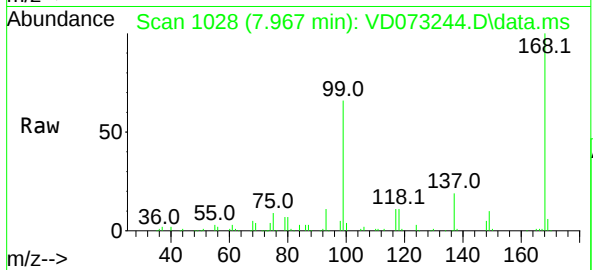
Tgt Ion:	43	Resp:	936
Ion	Ratio	Lower	Upper
43	100		
72	0.0	18.6	27.8#



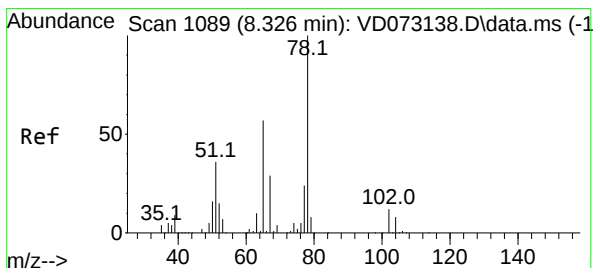
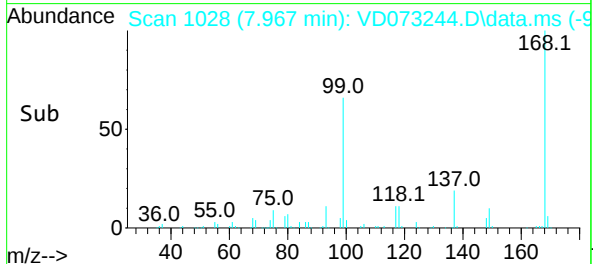
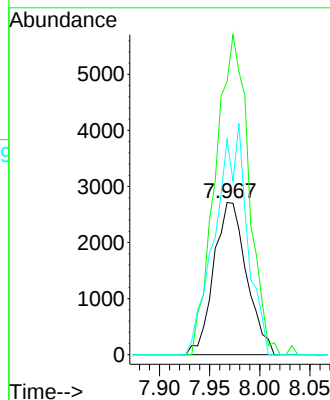


#31
Cyclohexane
Concen: 1.180 ug/l
RT: 7.967 min Scan# 1028
Delta R.T. -0.012 min
Lab File: VD073244.D
Acq: 21 May 2022 22:19

Instrument :
MSVOA_D
ClientSampleId :
P015-SS010-0006-01

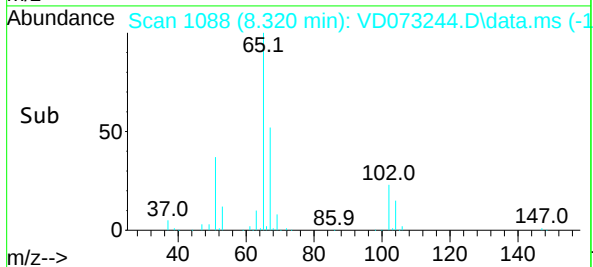
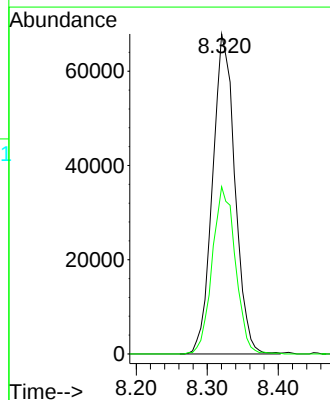
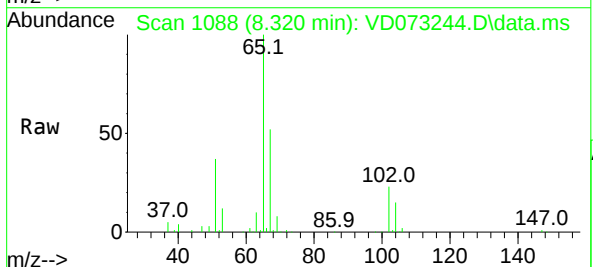


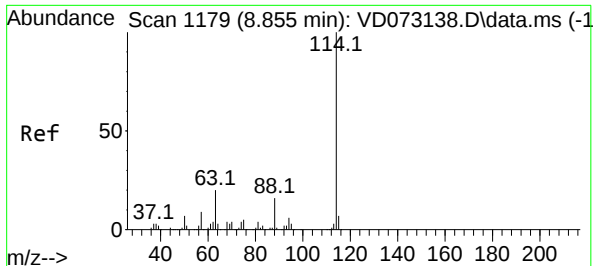
Tgt Ion: 56 Resp: 6179
Ion Ratio Lower Upper
56 100
69 179.3 25.4 38.2#
84 141.5 63.0 94.4#



#33
1,2-Dichloroethane-d4
Concen: 49.523 ug/l
RT: 8.320 min Scan# 1088
Delta R.T. -0.006 min
Lab File: VD073244.D
Acq: 21 May 2022 22:19

Tgt Ion: 65 Resp: 148336
Ion Ratio Lower Upper
65 100
67 54.1 0.0 101.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.856 min Scan# 1179

Delta R.T. 0.001 min

Lab File: VD073244.D

Acq: 21 May 2022 22:19

Instrument :

MSVOA_D

ClientSampleId :

P015-SS010-0006-01

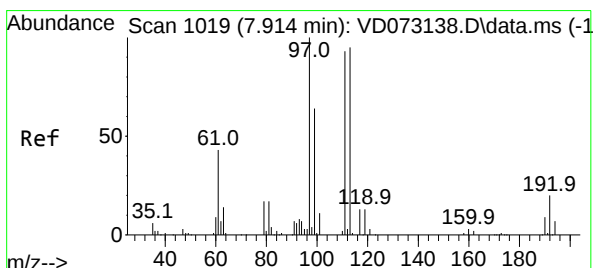
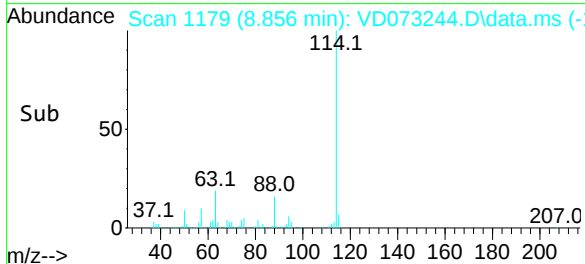
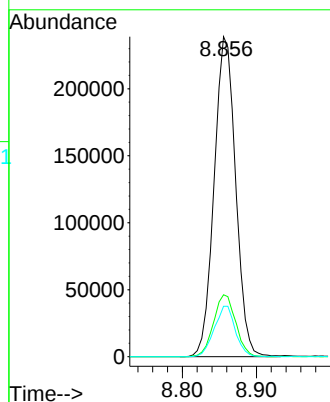
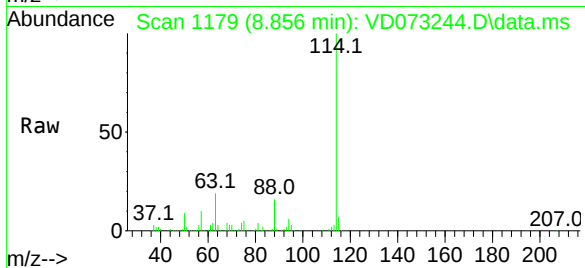
Tgt Ion:114 Resp: 481582

Ion Ratio Lower Upper

114 100

63 19.4 0.0 46.6

88 15.8 0.0 33.2



#35

Dibromofluoromethane

Concen: 51.652 ug/l

RT: 7.909 min Scan# 1018

Delta R.T. -0.005 min

Lab File: VD073244.D

Acq: 21 May 2022 22:19

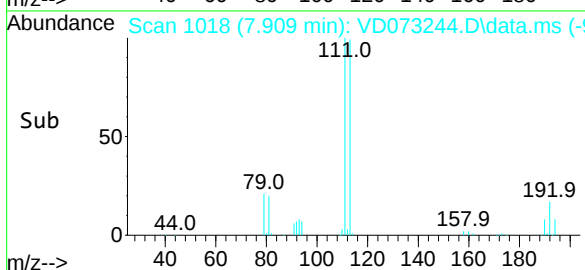
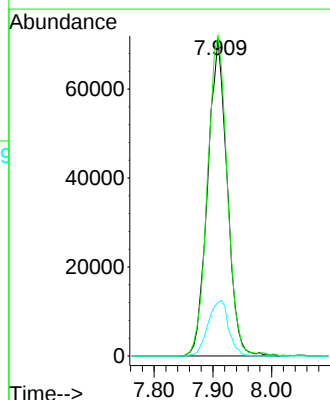
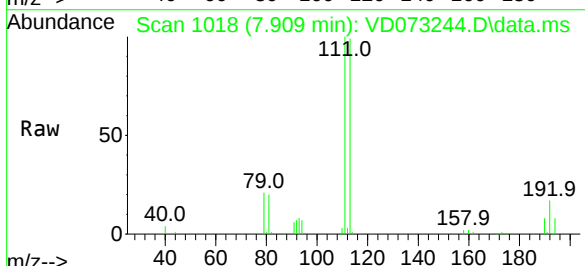
Tgt Ion:113 Resp: 164141

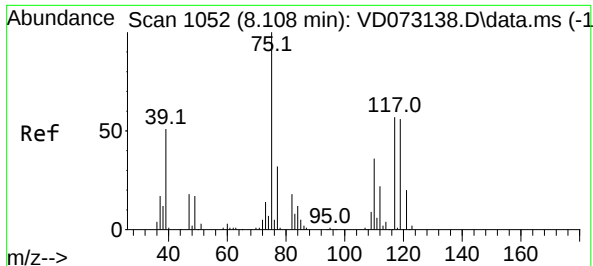
Ion Ratio Lower Upper

113 100

111 103.0 83.8 125.6

192 18.4 14.6 21.8





#36

1,1-Dichloropropene

Concen: 4.964 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.135 min

Lab File: VD073244.D

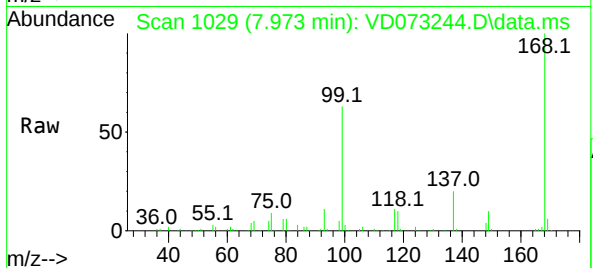
Acq: 21 May 2022 22:19

Instrument :

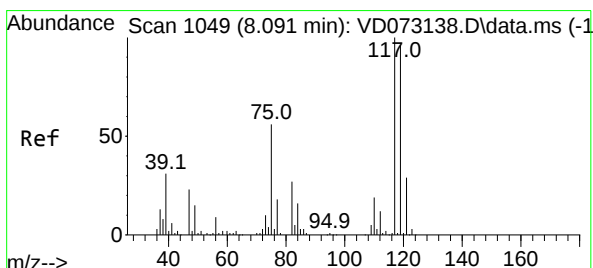
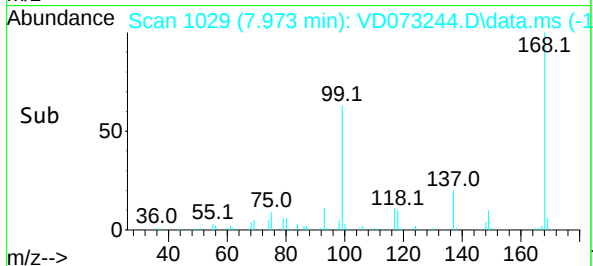
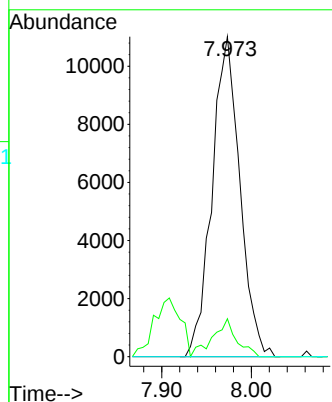
MSVOA_D

ClientSampleId :

P015-SS010-0006-01



Tgt Ion: 75	Resp: 23723
Ion Ratio	Lower Upper
75	100
110	9.7 16.4 49.1#
77	0.0 24.2 36.2#



#38

Carbon Tetrachloride

Concen: 5.957 ug/l

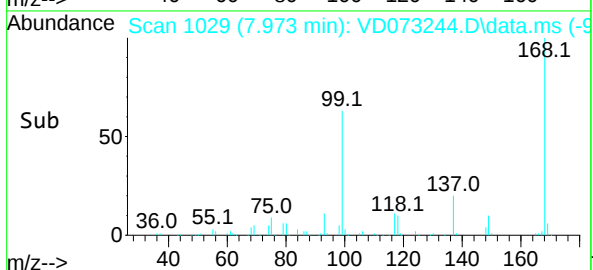
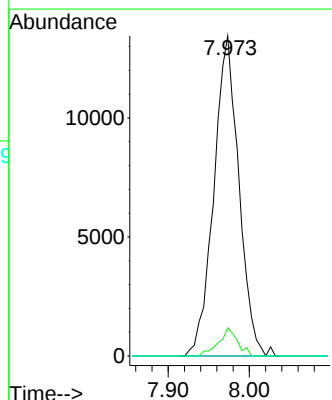
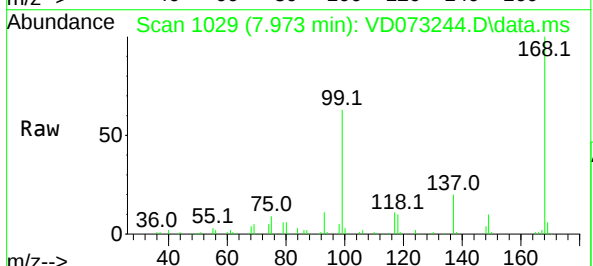
RT: 7.973 min Scan# 1029

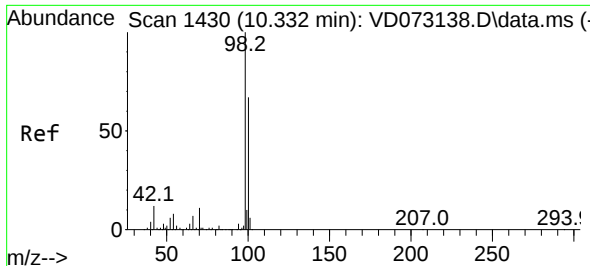
Delta R.T. -0.118 min

Lab File: VD073244.D

Acq: 21 May 2022 22:19

Tgt Ion: 117	Resp: 28861
Ion Ratio	Lower Upper
117	100
119	8.8 75.8 113.6#
121	0.0 24.5 36.7#

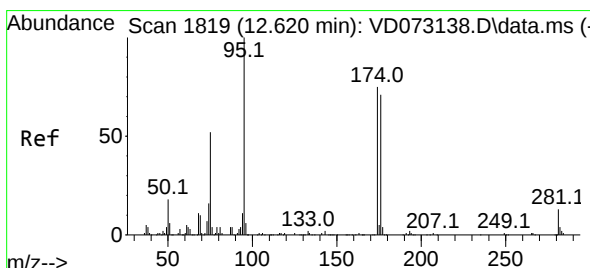
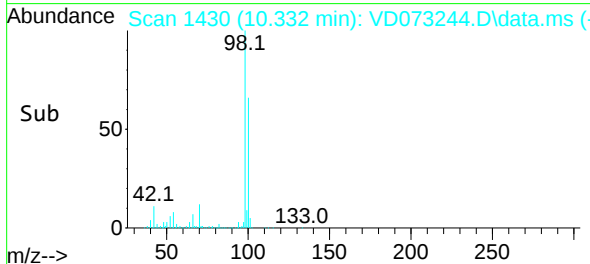
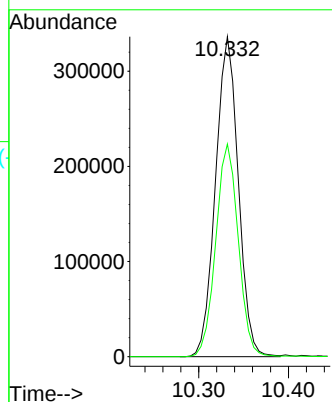
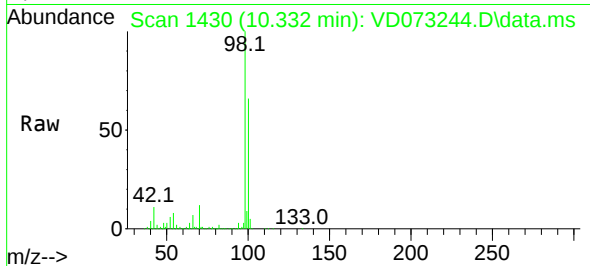




#50
Toluene-d8
Concen: 50.654 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073244.D
Acq: 21 May 2022 22:19

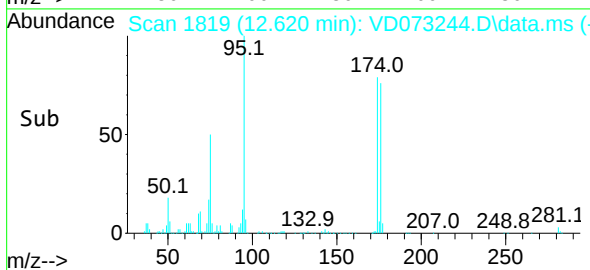
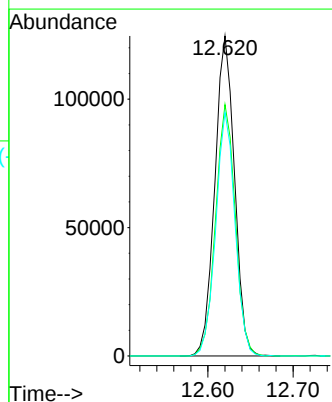
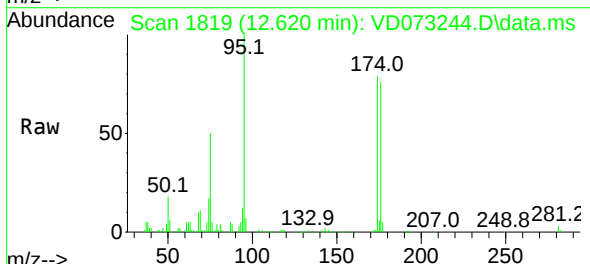
Instrument :
MSVOA_D
ClientSampleId :
P015-SS010-0006-01

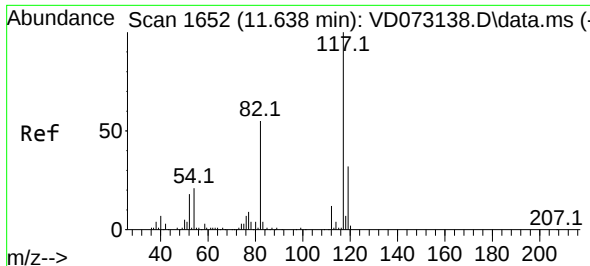
Tgt Ion: 98 Resp: 593365
Ion Ratio Lower Upper
98 100
100 65.9 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 48.685 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD073244.D
Acq: 21 May 2022 22:19

Tgt Ion: 95 Resp: 200143
Ion Ratio Lower Upper
95 100
174 78.6 0.0 152.8
176 74.6 0.0 145.4

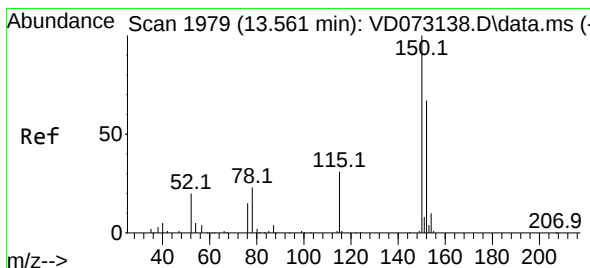
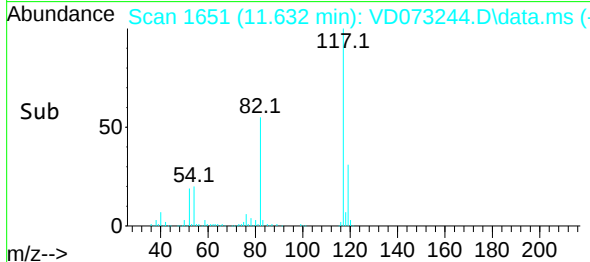
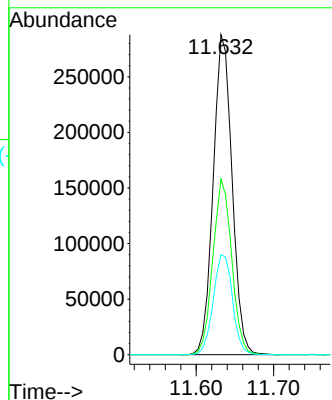
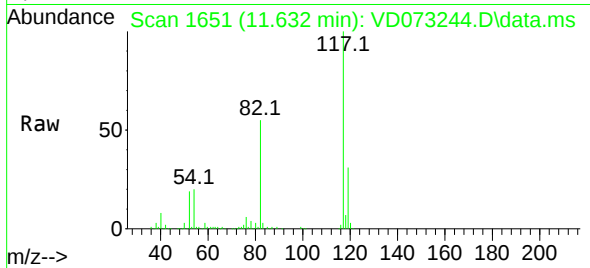




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD073244.D
Acq: 21 May 2022 22:19

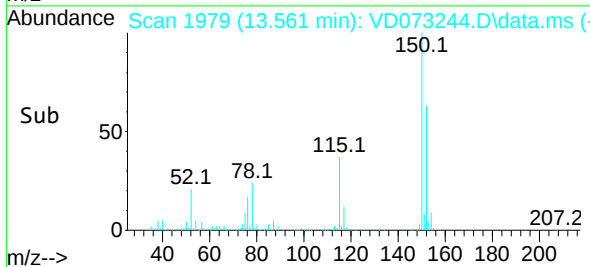
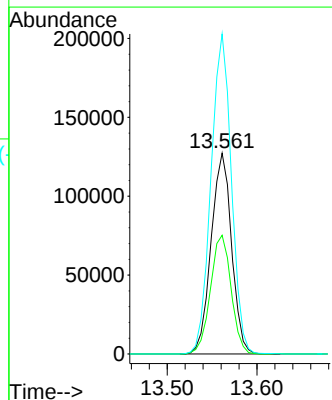
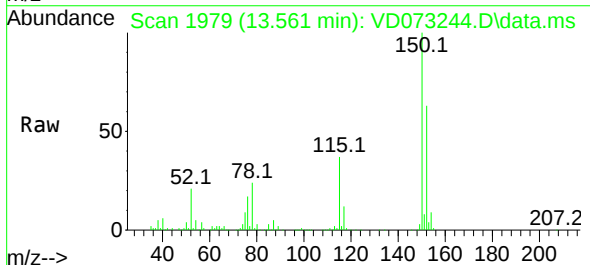
Instrument :
MSVOA_D
ClientSampleId :
P015-SS010-0006-01

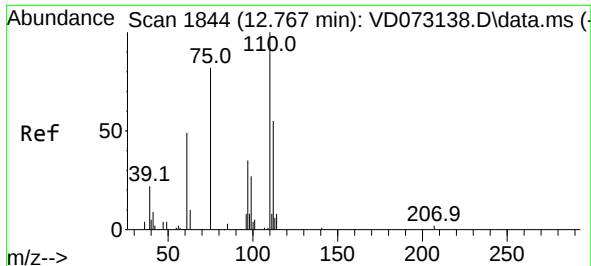
Tgt Ion:117 Resp: 488111
Ion Ratio Lower Upper
117 100
82 54.9 45.3 67.9
119 31.3 26.6 40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD073244.D
Acq: 21 May 2022 22:19

Tgt Ion:152 Resp: 201560
Ion Ratio Lower Upper
152 100
115 59.7 31.3 93.8
150 158.7 0.0 348.6

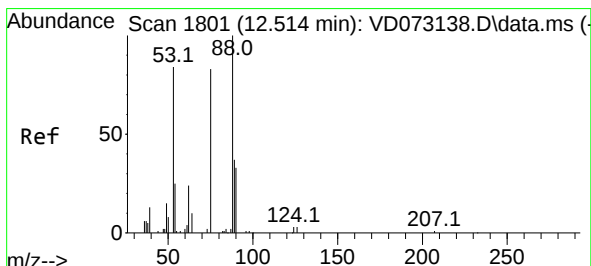
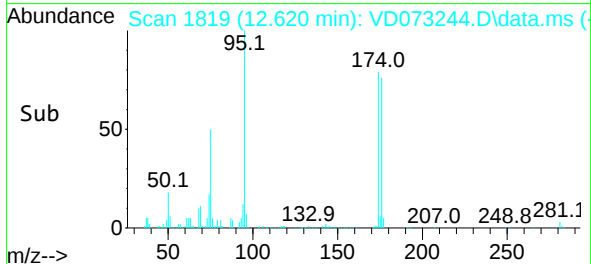
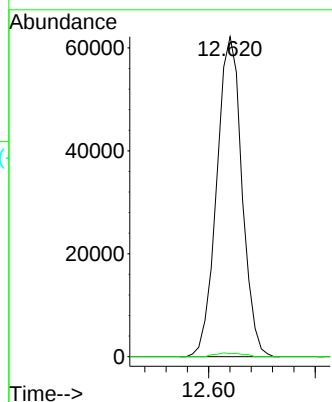
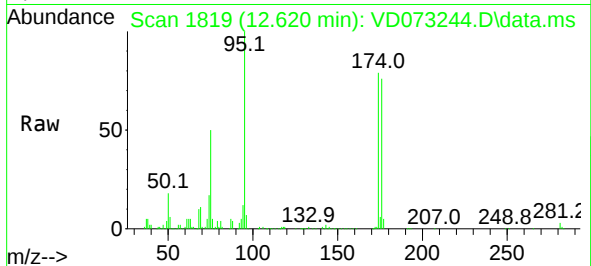




#76
1,2,3-Trichloropropane
Concen: 51.715 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.147 min
Lab File: VD073244.D
Acq: 21 May 2022 22:19

Instrument :
MSVOA_D
ClientSampleId :
P015-SS010-0006-01

Tgt Ion: 75 Resp: 102275
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 124.153 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.106 min
Lab File: VD073244.D
Acq: 21 May 2022 22:19

Tgt Ion: 75 Resp: 102275
Ion Ratio Lower Upper
75 100
53 0.1 86.5 129.7#
89 0.0 33.9 50.9#

