

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052522\
 Data File : VD073359.D
 Acq On : 25 May 2022 14:31
 Operator : VA/SY
 Sample : VD0525SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0525SBL01

Quant Time: May 26 02:24:12 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)

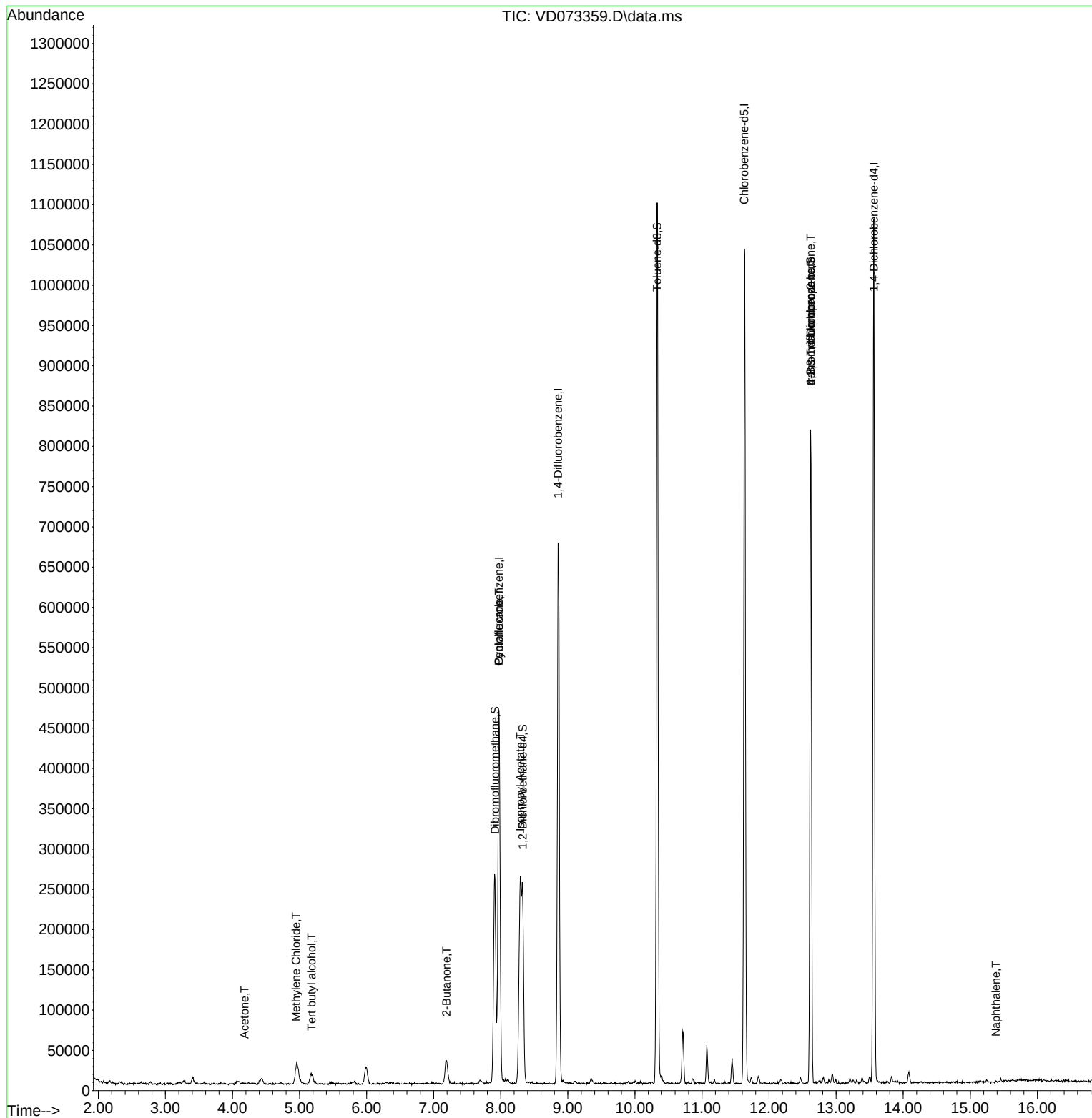
Internal Standards						
1) Pentafluorobenzene	7.973	168	338637	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	598740	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.631	117	609624	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	280160	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	169965	45.416	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	90.840%
35) Dibromofluoromethane	7.914	113	192083	48.618	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.240%
50) Toluene-d8	10.332	98	724112	49.720	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	99.440%
62) 4-Bromofluorobenzene	12.620	95	270503	52.925	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	105.840%
Target Compounds						
					Qvalue	
5) Bromomethane	2.779	94	1561	Below Cal	#	78
11) Tert butyl alcohol	5.179	59	12046	20.746	ug/l #	74
16) Acetone	4.179	43	2273	3.506	ug/l #	87
20) Methylene Chloride	4.949	84	20699	1.132	ug/l #	73
25) 2-Butanone	7.191	43	1444	1.523	ug/l #	52
31) Cyclohexane	7.973	56	9410	1.439	ug/l #	1
43) Isopropyl Acetate	8.290	43	5899	1.360	ug/l #	6
76) 1,2,3-Trichloropropane	12.620	75	135122	49.156	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.620	75	135122	118.008	ug/l #	7
95) Naphthalene	15.384	128	1322	3.675	ug/l	96

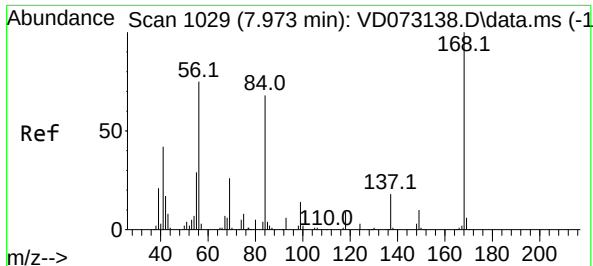
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052522\
Data File : VD073359.D
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Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Time: May 26 02:24:12 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

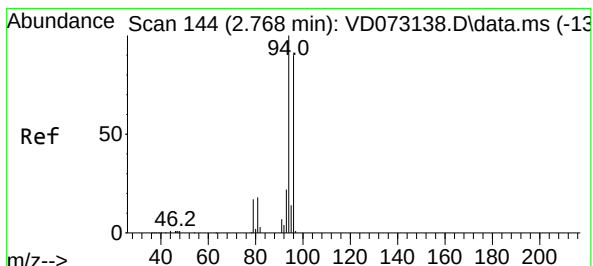
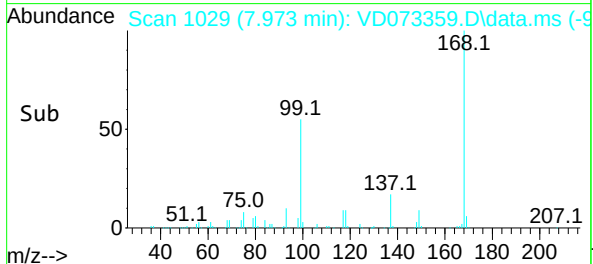
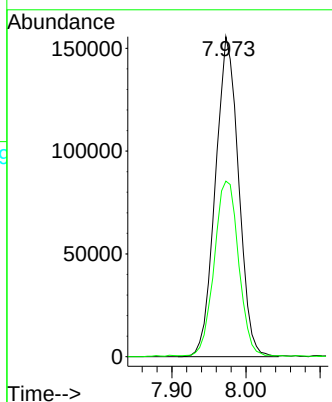
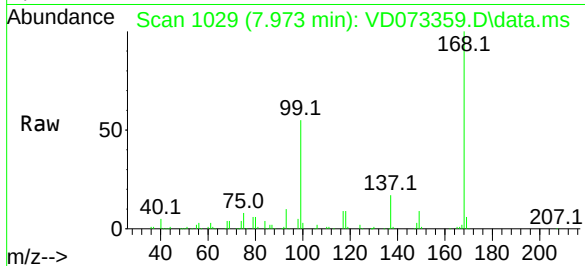




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 10
Delta R.T. -0.000 min
Lab File: VD073359.D
Acq: 25 May 2022 14:31

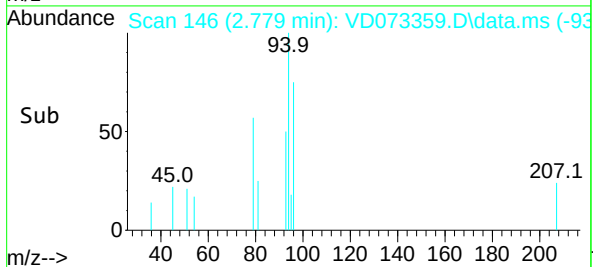
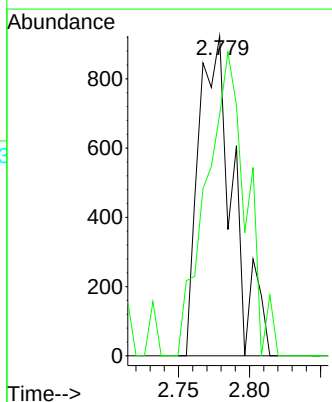
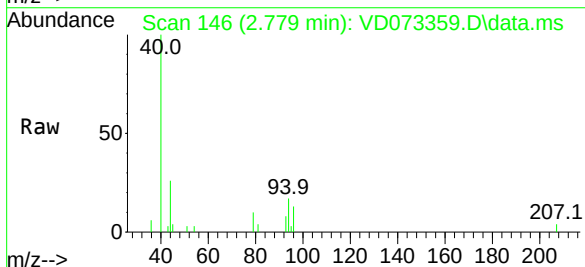
Instrument :
MSVOA_D
ClientSampleId :
VD0525SBL01

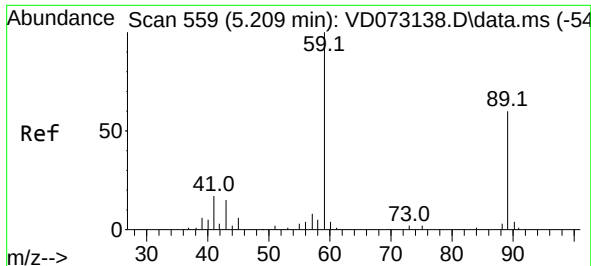
Tgt Ion:168 Resp: 338637
Ion Ratio Lower Upper
168 100
99 54.6 49.8 74.6



#5
Bromomethane
Concen: Below Cal
RT: 2.779 min Scan# 146
Delta R.T. 0.011 min
Lab File: VD073359.D
Acq: 25 May 2022 14:31

Tgt Ion: 94 Resp: 1561
Ion Ratio Lower Upper
94 100
96 75.3 77.6 116.4#

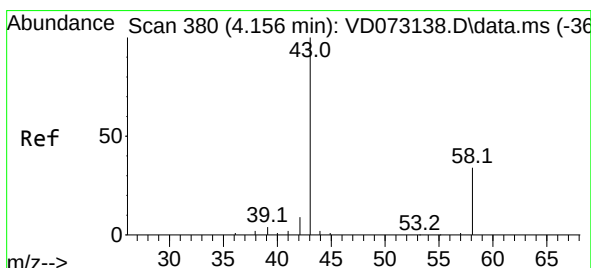
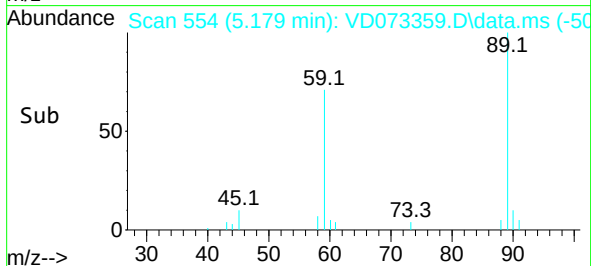
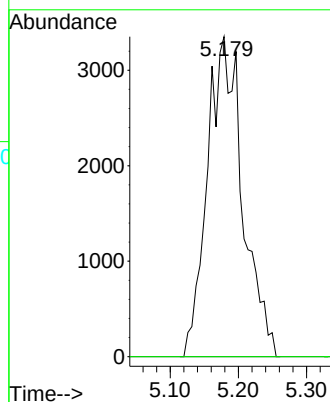
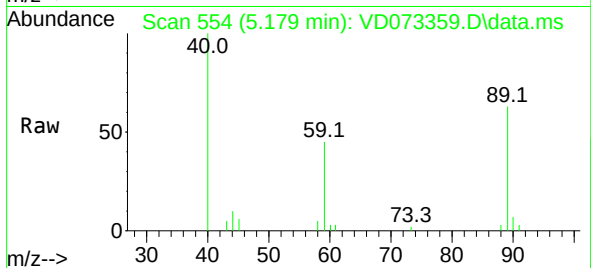




#11
Tert butyl alcohol
Concen: 20.746 ug/l
RT: 5.179 min Scan# 51
Delta R.T. -0.030 min
Lab File: VD073359.D
Acq: 25 May 2022 14:31

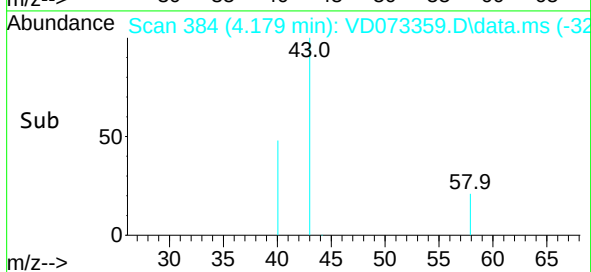
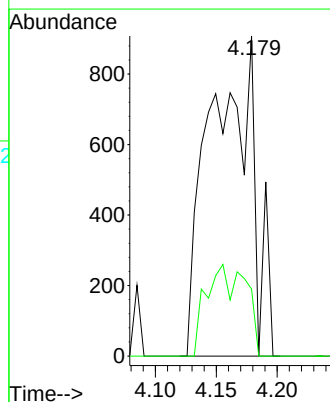
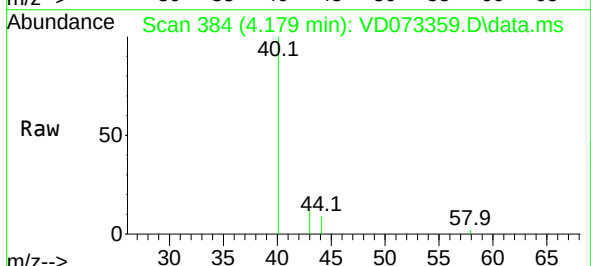
Instrument :
MSVOA_D
ClientSampleId :
VD0525SBL01

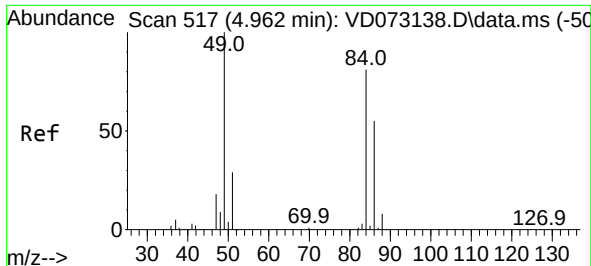
Tgt Ion: 59 Resp: 12046
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.6#



#16
Acetone
Concen: 3.506 ug/l
RT: 4.179 min Scan# 384
Delta R.T. 0.023 min
Lab File: VD073359.D
Acq: 25 May 2022 14:31

Tgt Ion: 43 Resp: 2273
Ion Ratio Lower Upper
43 100
58 20.9 22.1 33.1#

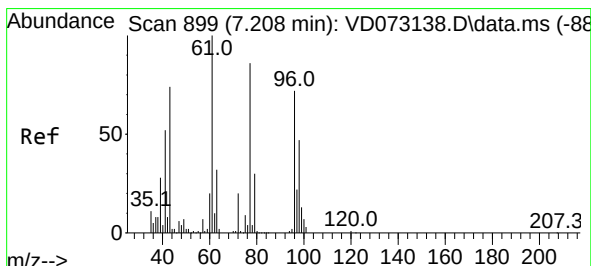
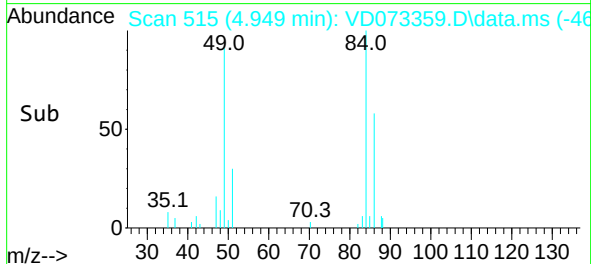
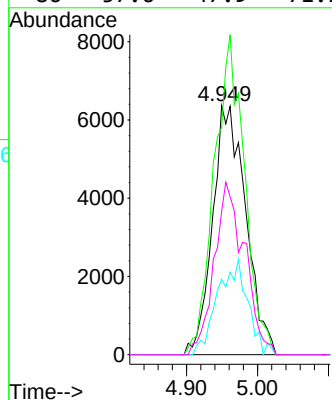
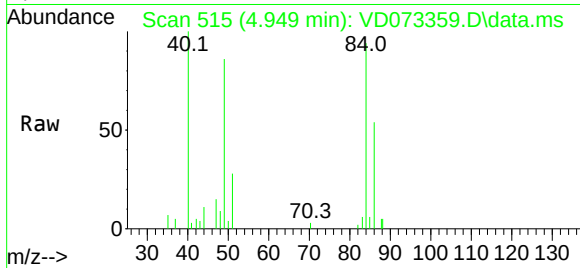




#20
Methylene Chloride
Concen: 1.132 ug/l
RT: 4.949 min Scan# 517
Delta R.T. -0.013 min
Lab File: VD073359.D
Acq: 25 May 2022 14:31

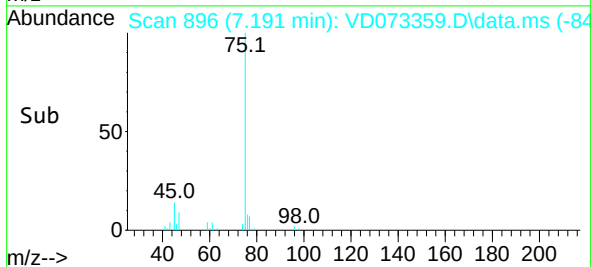
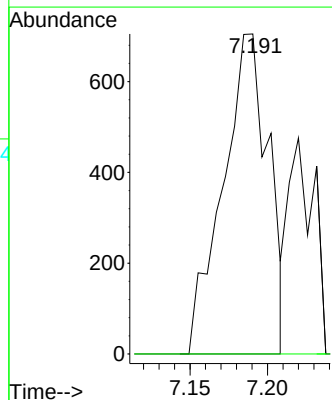
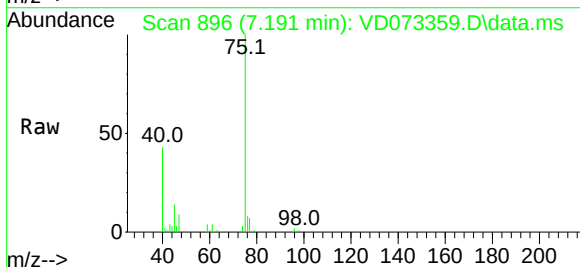
Instrument :
MSVOA_D
ClientSampleId :
VD0525SBL01

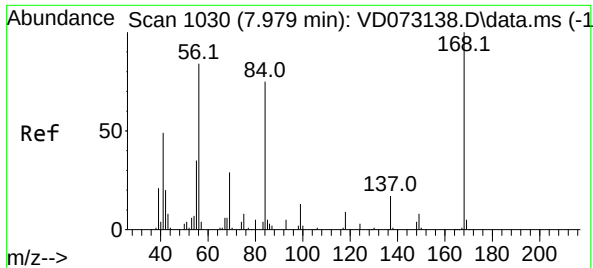
Tgt Ion:	84	Resp:	20699
Ion	Ratio	Lower	Upper
84	100		
49	91.2	112.8	169.2#
51	30.2	32.6	48.8#
86	57.6	47.9	71.9



#25
2-Butanone
Concen: 1.523 ug/l
RT: 7.191 min Scan# 896
Delta R.T. -0.017 min
Lab File: VD073359.D
Acq: 25 May 2022 14:31

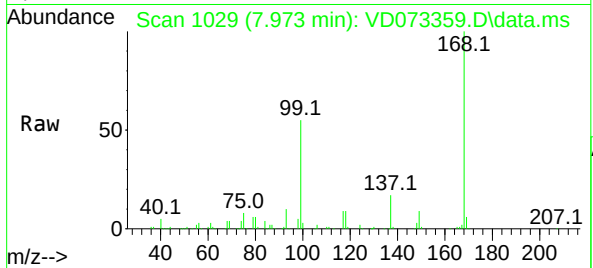
Tgt Ion:	43	Resp:	1444
Ion	Ratio	Lower	Upper
43	100		
72	0.0	18.6	27.8#



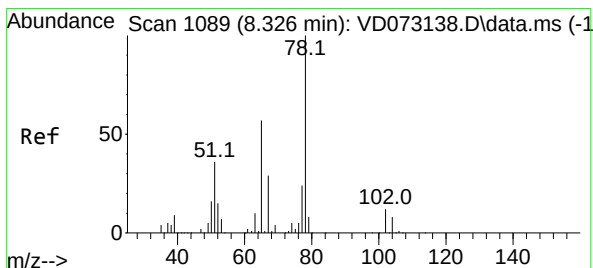
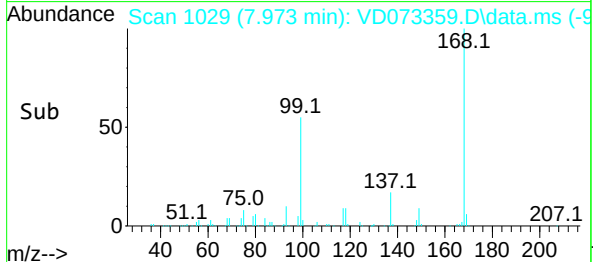
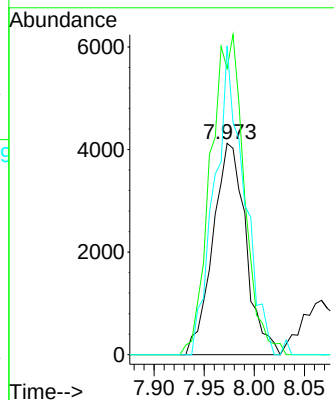


#31
Cyclohexane
Concen: 1.439 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD073359.D
Acq: 25 May 2022 14:31

Instrument :
MSVOA_D
ClientSampleId :
VD0525SBL01

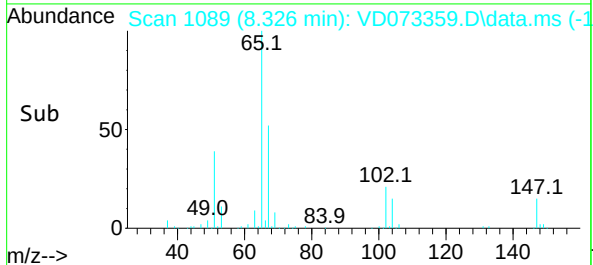
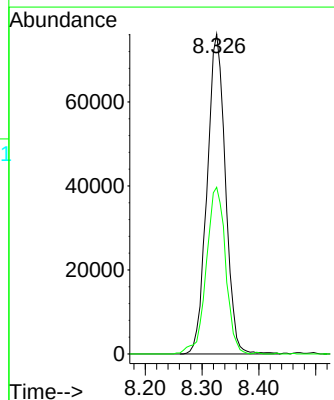
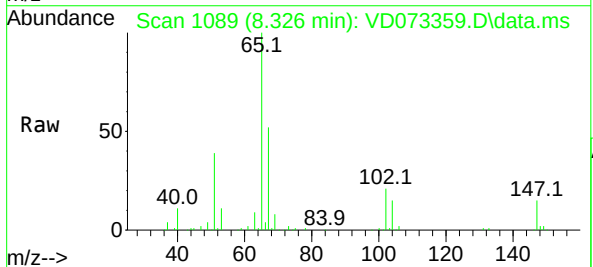


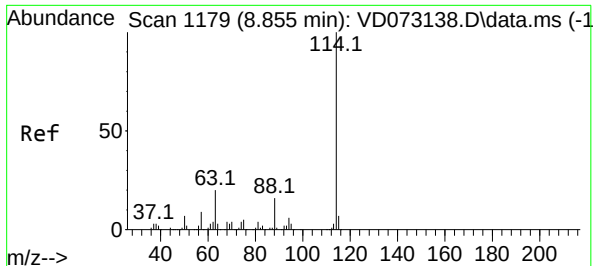
Tgt Ion: 56 Resp: 9410
Ion Ratio Lower Upper
56 100
69 135.4 25.4 38.2#
84 146.1 63.0 94.4#



#33
1,2-Dichloroethane-d4
Concen: 45.416 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD073359.D
Acq: 25 May 2022 14:31

Tgt Ion: 65 Resp: 169965
Ion Ratio Lower Upper
65 100
67 54.9 0.0 101.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.855 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VD073359.D

Acq: 25 May 2022 14:31

Instrument :

MSVOA_D

ClientSampleId :

VD0525SBL01

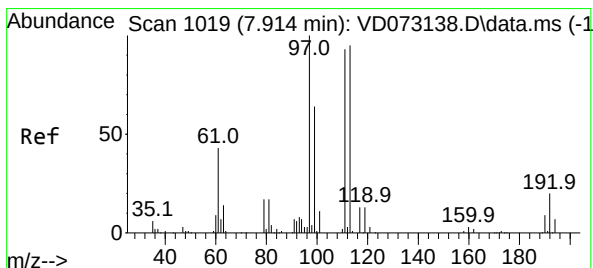
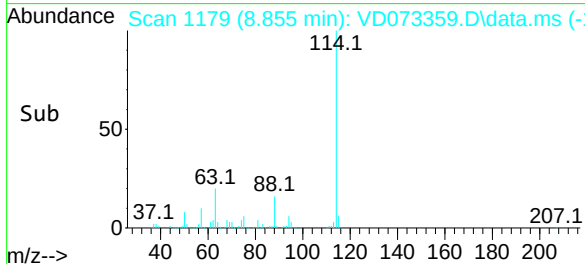
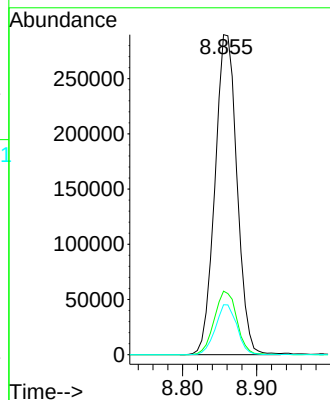
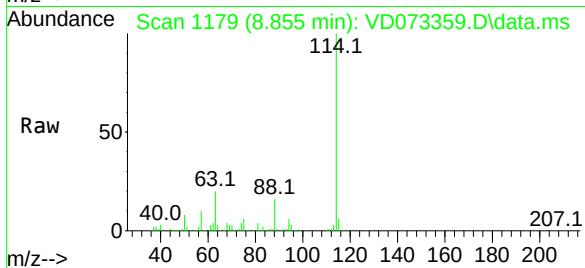
Tgt Ion:114 Resp: 598740

Ion Ratio Lower Upper

114 100

63 19.9 0.0 46.6

88 15.6 0.0 33.2



#35

Dibromofluoromethane

Concen: 48.618 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. 0.000 min

Lab File: VD073359.D

Acq: 25 May 2022 14:31

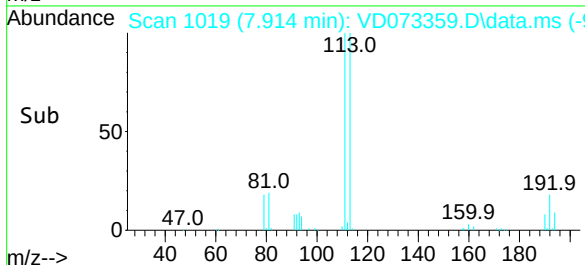
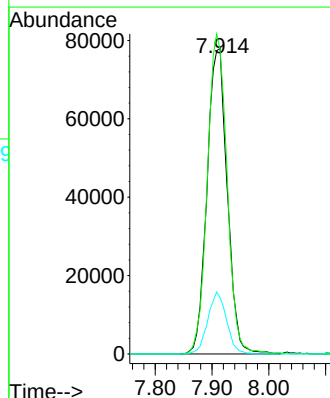
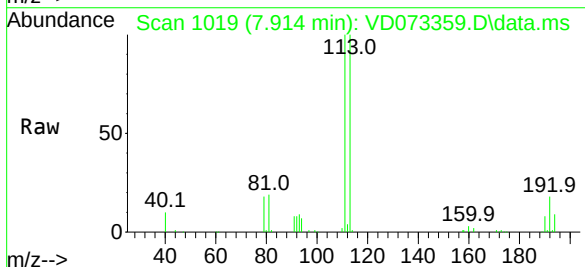
Tgt Ion:113 Resp: 192083

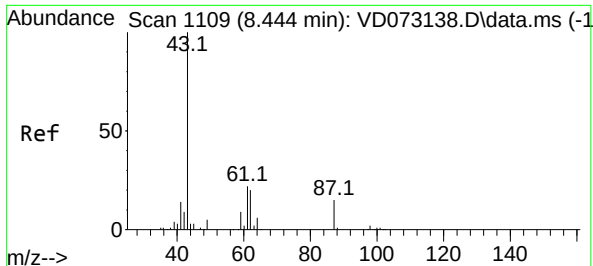
Ion Ratio Lower Upper

113 100

111 102.5 83.8 125.6

192 18.8 14.6 21.8

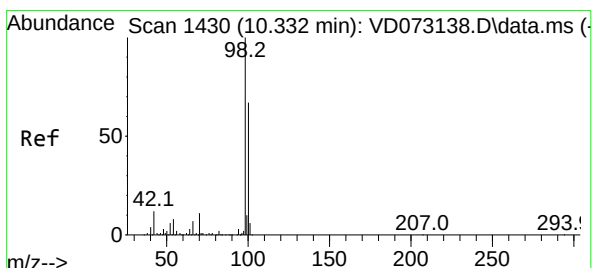
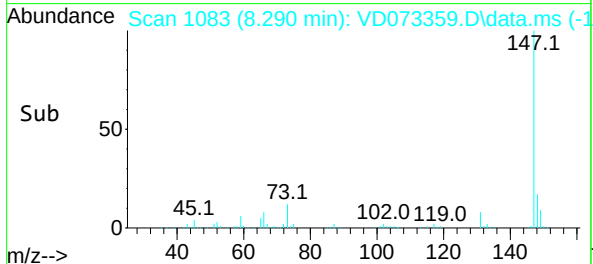
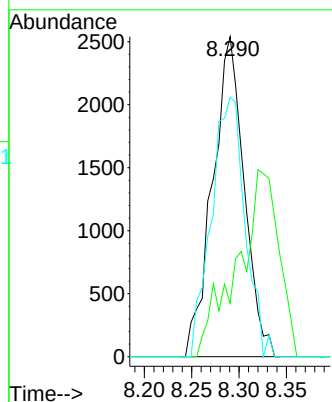
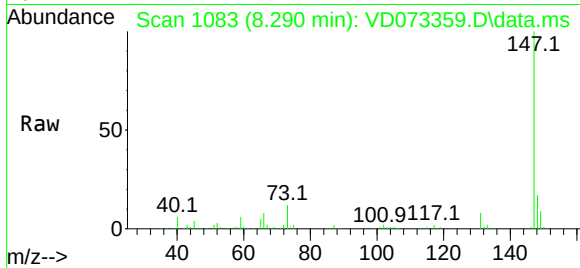




#43
Isopropyl Acetate
Concen: 1.360 ug/l
RT: 8.290 min Scan# 1083
Delta R.T. -0.154 min
Lab File: VD073359.D
Acq: 25 May 2022 14:31

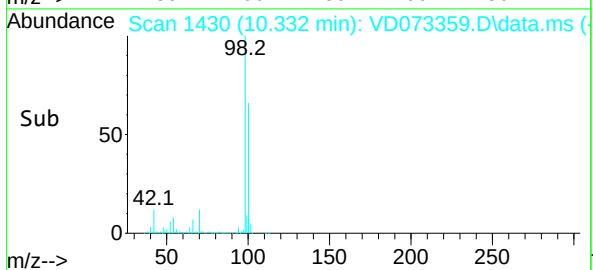
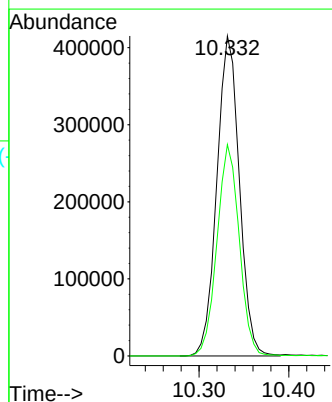
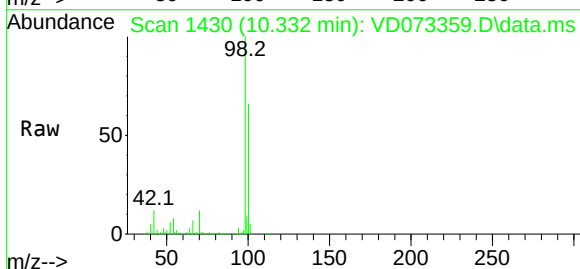
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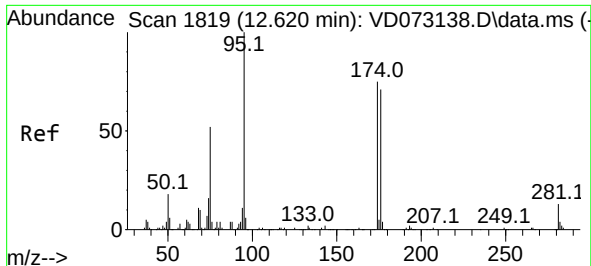
Tgt Ion: 43 Resp: 5899
Ion Ratio Lower Upper
43 100
61 0.0 22.4 33.6#
87 86.5 8.7 13.1#



#50
Toluene-d8
Concen: 49.720 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073359.D
Acq: 25 May 2022 14:31

Tgt Ion: 98 Resp: 724112
Ion Ratio Lower Upper
98 100
100 65.4 52.4 78.6

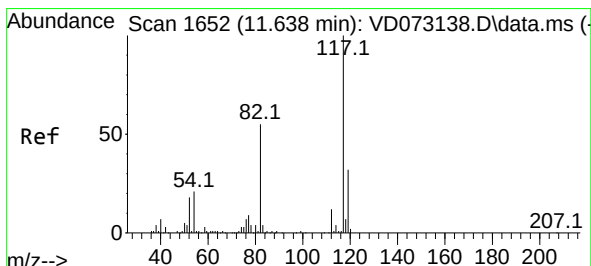
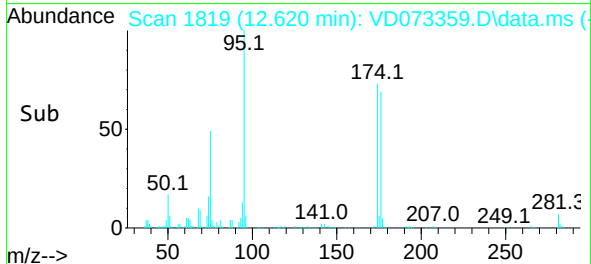
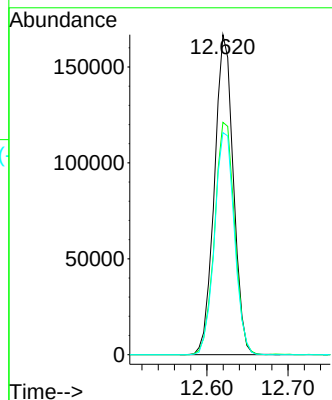
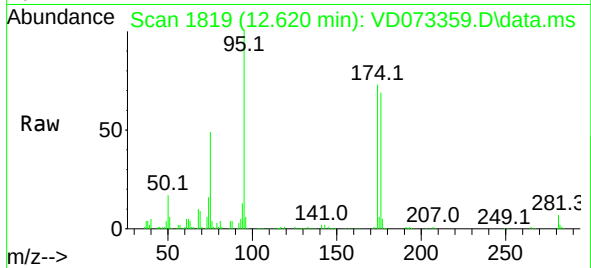




#62
4-Bromofluorobenzene
Concen: 52.925 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD073359.D
Acq: 25 May 2022 14:31

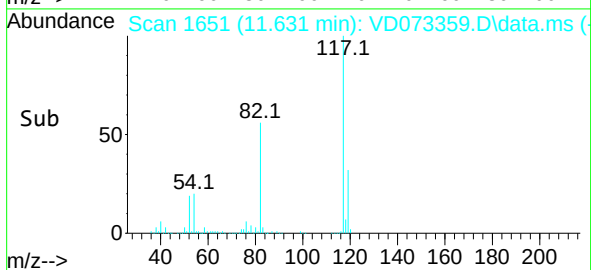
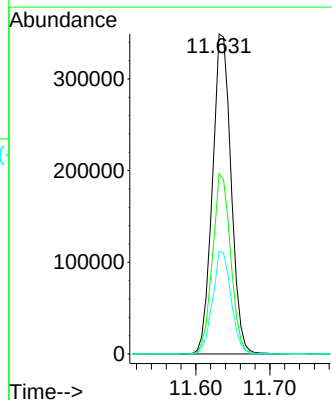
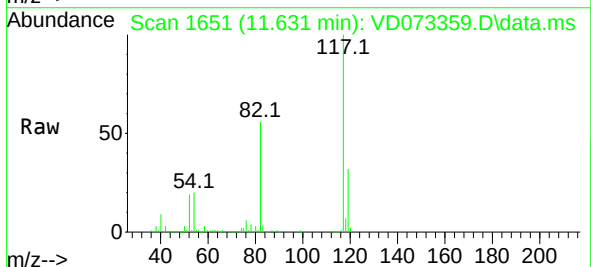
Instrument :
MSVOA_D
ClientSampleId :
VD0525SBL01

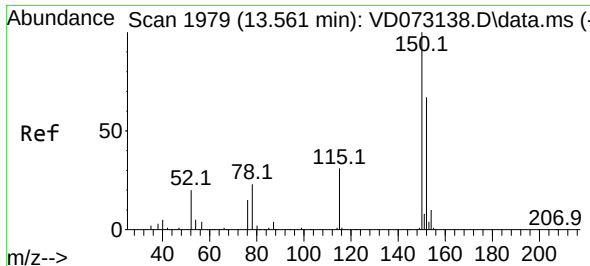
Tgt Ion: 95 Resp: 270503
Ion Ratio Lower Upper
95 100
174 76.4 0.0 152.8
176 72.9 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.631 min Scan# 1651
Delta R.T. -0.007 min
Lab File: VD073359.D
Acq: 25 May 2022 14:31

Tgt Ion: 117 Resp: 609624
Ion Ratio Lower Upper
117 100
82 56.3 45.3 67.9
119 32.2 26.6 40.0

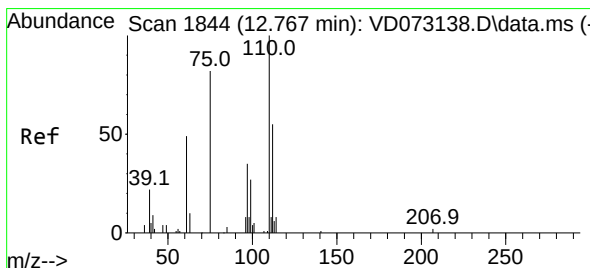
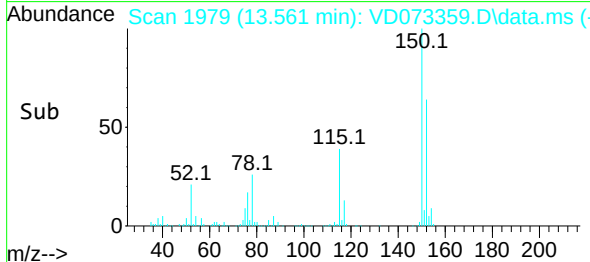
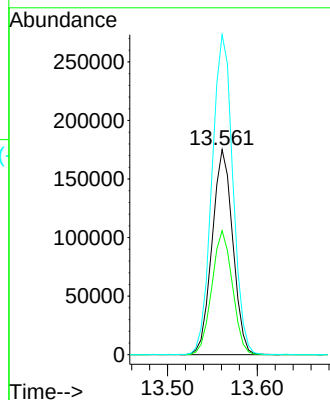
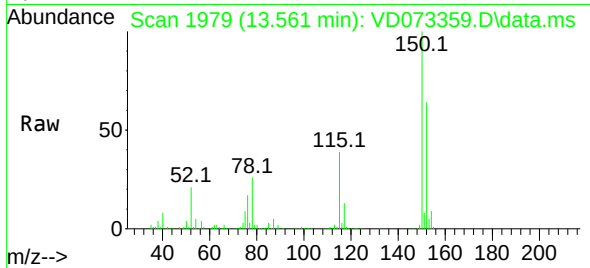




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD073359.D
Acq: 25 May 2022 14:31

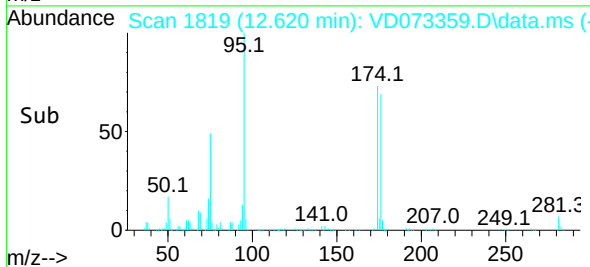
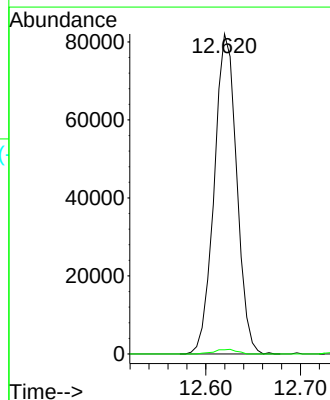
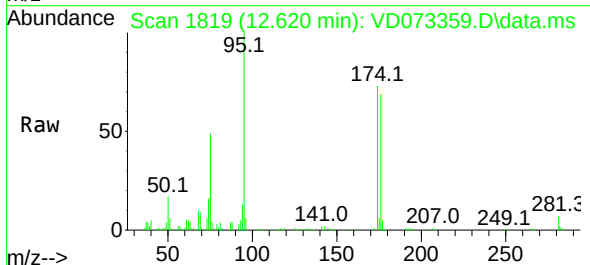
Instrument :
MSVOA_D
ClientSampleId :
VD0525SBL01

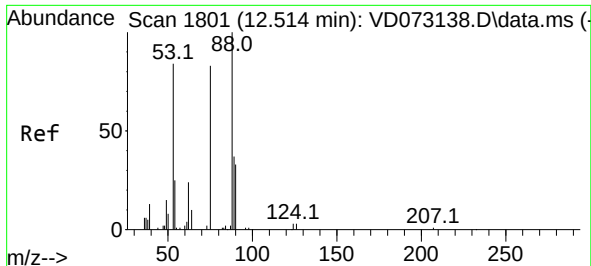
Tgt Ion:152 Resp: 280160
Ion Ratio Lower Upper
152 100
115 60.2 31.3 93.8
150 157.9 0.0 348.6



#76
1,2,3-Trichloropropane
Concen: 49.156 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.147 min
Lab File: VD073359.D
Acq: 25 May 2022 14:31

Tgt Ion: 75 Resp: 135122
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#

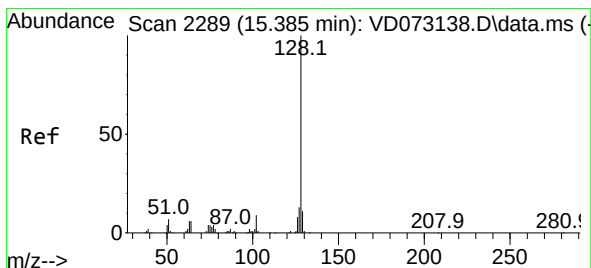
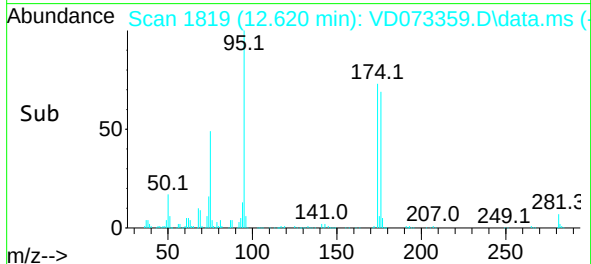
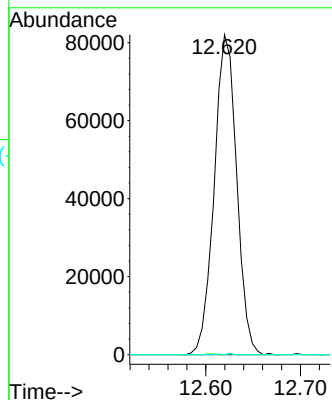
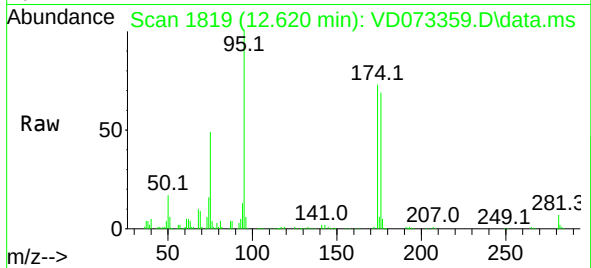




#81
trans-1,4-Dichloro-2-butene
Concen: 118.008 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.106 min
Lab File: VD073359.D
Acq: 25 May 2022 14:31

Instrument :
MSVOA_D
ClientSampleId :
VD0525SBL01

Tgt Ion: 75 Resp: 135122
Ion Ratio Lower Upper
75 100
53 0.1 86.5 129.7#
89 0.1 33.9 50.9#



#95
Naphthalene
Concen: 3.675 ug/l
RT: 15.384 min Scan# 2289
Delta R.T. -0.001 min
Lab File: VD073359.D
Acq: 25 May 2022 14:31

Tgt Ion: 128 Resp: 1322
Ion Ratio Lower Upper
128 100
127 14.2 10.3 15.5
129 9.0 8.4 12.6

