

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052122\
 Data File : VD073251.D
 Acq On : 22 May 2022 03:09
 Operator : VA/SY
 Sample : VD0521SBL02
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0521SBL02

Quant Time: May 22 04:21:18 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	305844	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	535938	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	561710	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	260492	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	169223	50.066	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	100.140%
35) Dibromofluoromethane	7.908	113	178855	50.574	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.140%
50) Toluene-d8	10.332	98	664172	50.948	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	101.900%
62) 4-Bromofluorobenzene	12.620	95	244017	53.337	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	106.680%

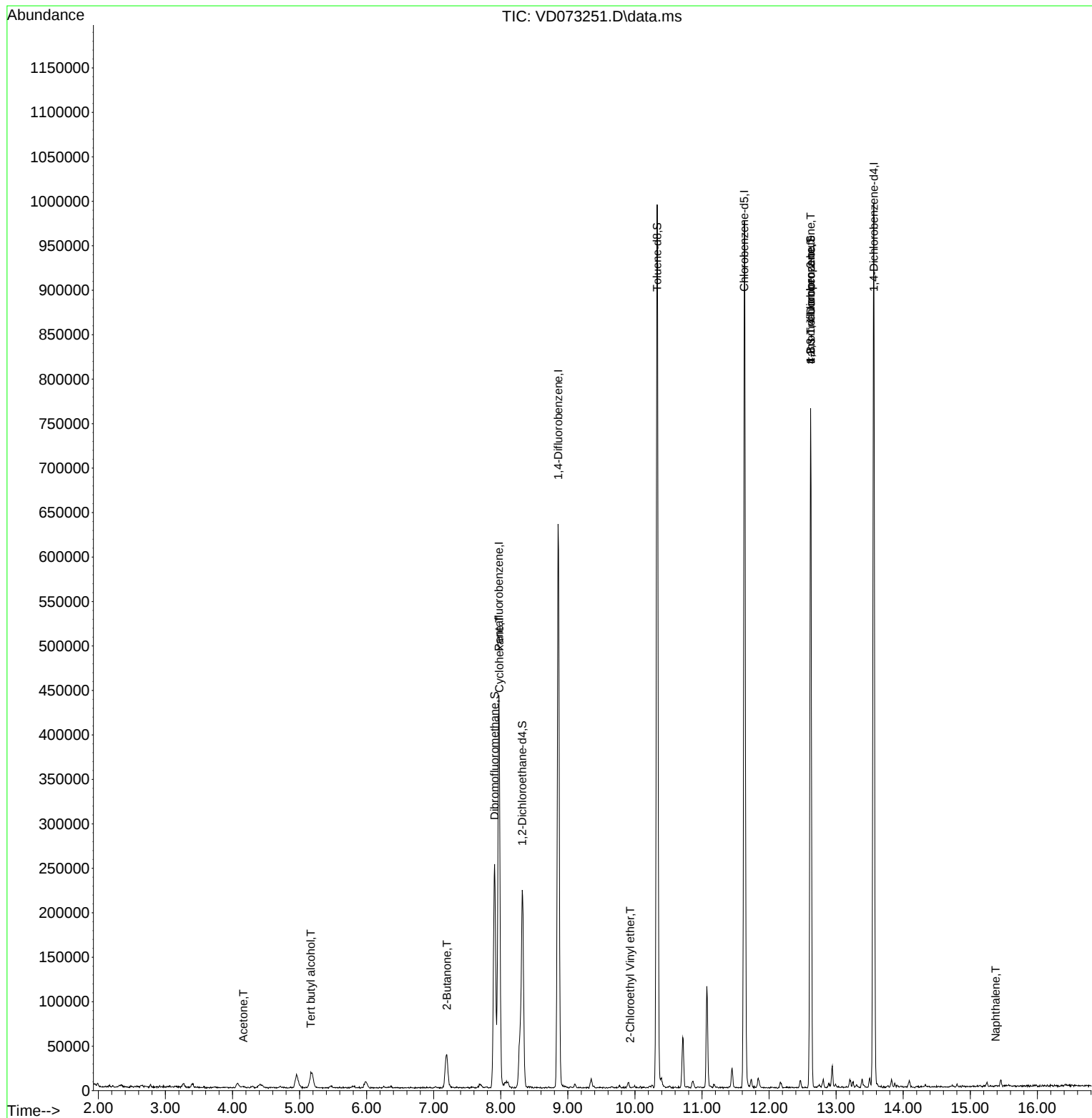
Target Compounds					Qvalue	
5) Bromomethane	2.773	94	1620	Below Cal	#	71
11) Tert butyl alcohol	5.167	59	15685	29.910	ug/l #	74
16) Acetone	4.161	43	2429	4.149	ug/l #	88
20) Methylene Chloride	4.950	84	11004	Below Cal	#	73
25) 2-Butanone	7.197	43	2193	2.560	ug/l	99
31) Cyclohexane	7.979	56	10651	1.803	ug/l #	25
58) 2-Chloroethyl Vinyl ether	9.932	63	53	21.653	ug/l #	48
76) 1,2,3-Trichloropropane	12.620	75	123065	48.150	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.620	75	123065	115.593	ug/l #	7
95) Naphthalene	15.379	128	773	3.626	ug/l #	92

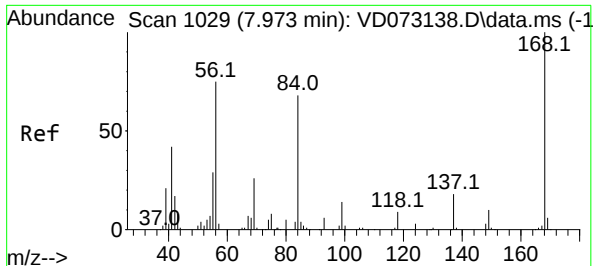
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052122\
Data File : VD073251.D
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Misc : 5.00G/5.00ml/MSVOA_D/SOIL
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Instrument :
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ClientSampleId :
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Quant Time: May 22 04:21:18 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

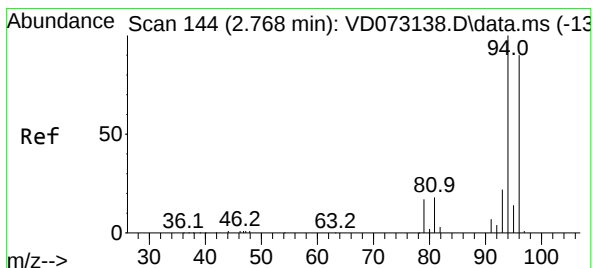
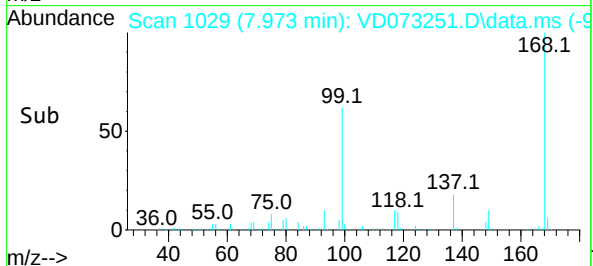
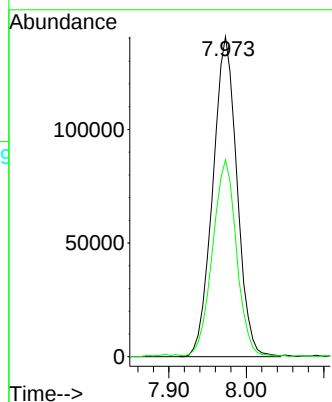
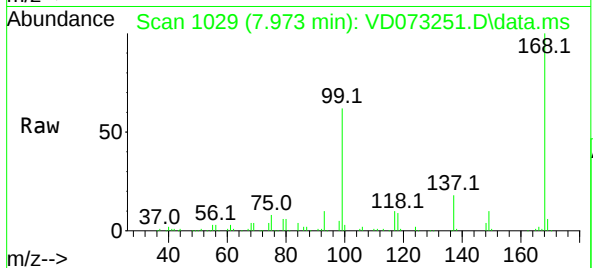




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD073251.D
Acq: 22 May 2022 03:09

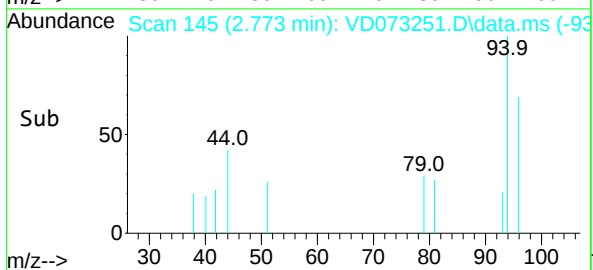
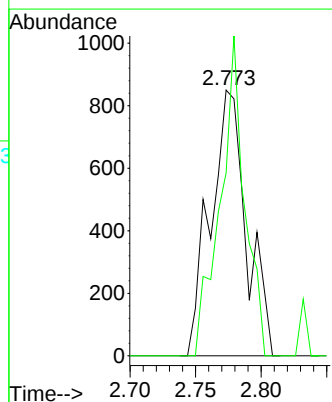
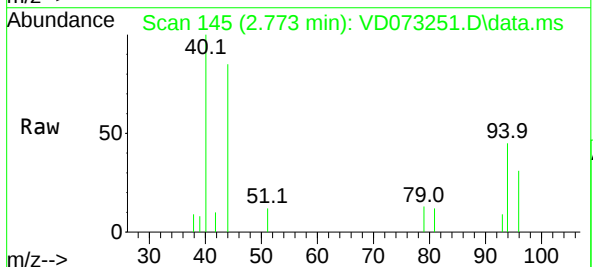
Instrument :
MSVOA_D
ClientSampleId :
VD0521SBL02

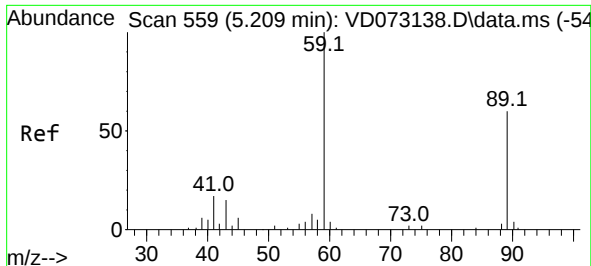
Tgt Ion:168 Resp: 305844
Ion Ratio Lower Upper
168 100
99 61.3 49.8 74.6



#5
Bromomethane
Concen: Below Cal
RT: 2.773 min Scan# 145
Delta R.T. 0.005 min
Lab File: VD073251.D
Acq: 22 May 2022 03:09

Tgt Ion: 94 Resp: 1620
Ion Ratio Lower Upper
94 100
96 68.8 77.6 116.4#

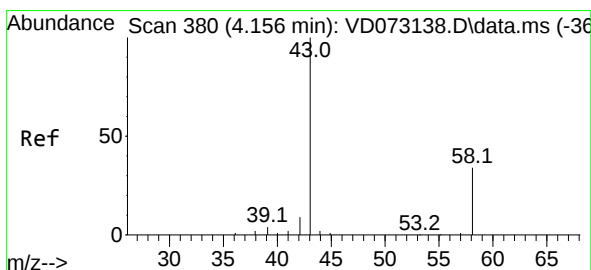
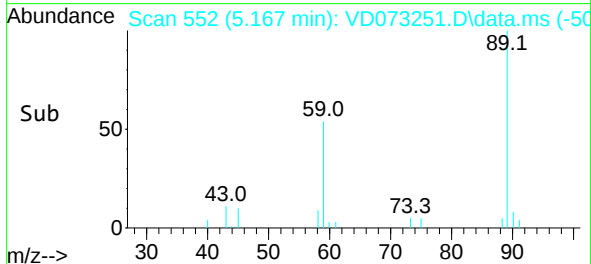
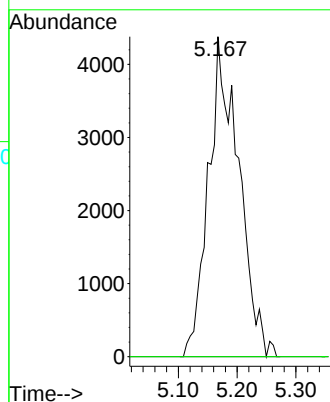
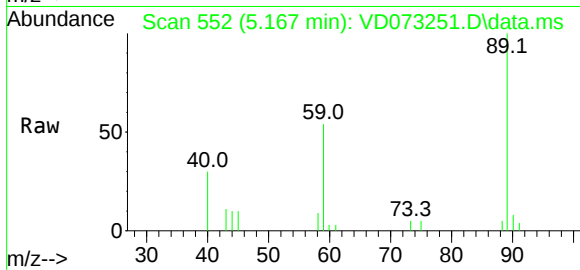




#11
Tert butyl alcohol
Concen: 29.910 ug/l
RT: 5.167 min Scan# 51
Delta R.T. -0.042 min
Lab File: VD073251.D
Acq: 22 May 2022 03:09

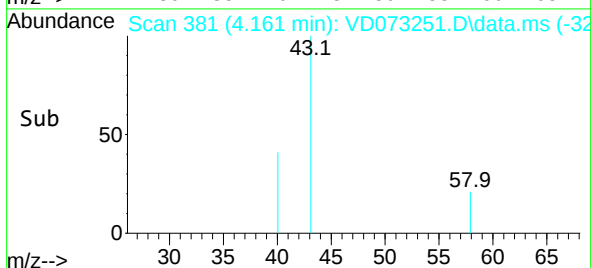
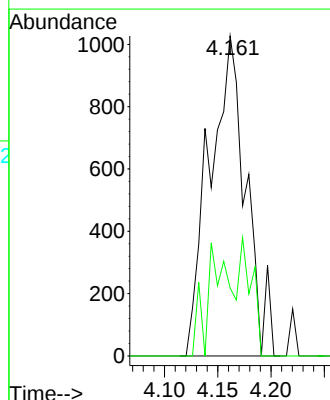
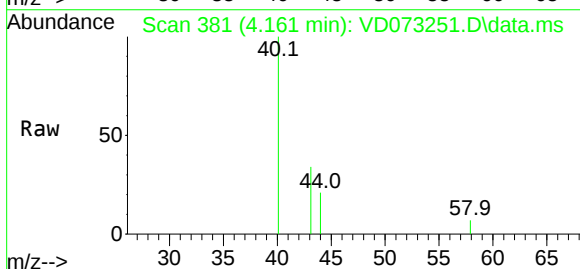
Instrument :
MSVOA_D
ClientSampleId :
VD0521SBL02

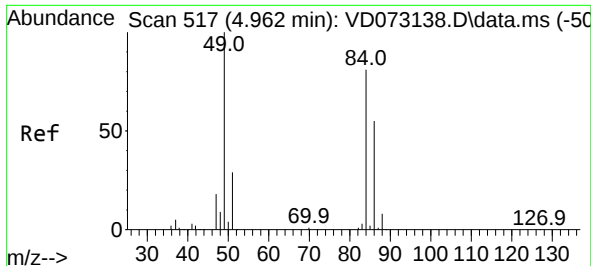
Tgt Ion: 59 Resp: 15685
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.6#



#16
Acetone
Concen: 4.149 ug/l
RT: 4.161 min Scan# 381
Delta R.T. 0.005 min
Lab File: VD073251.D
Acq: 22 May 2022 03:09

Tgt Ion: 43 Resp: 2429
Ion Ratio Lower Upper
43 100
58 21.2 22.1 33.1#

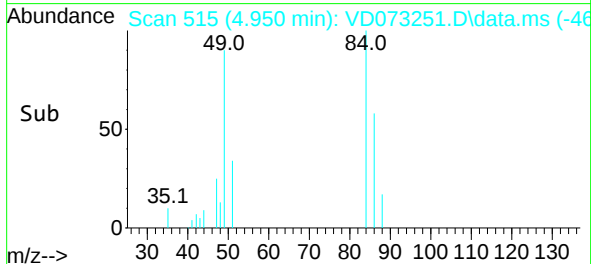
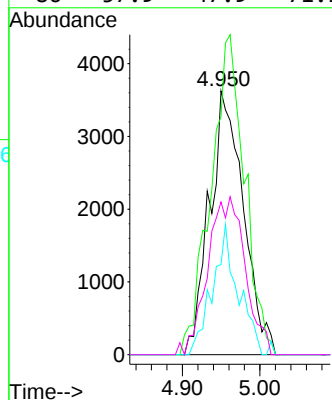
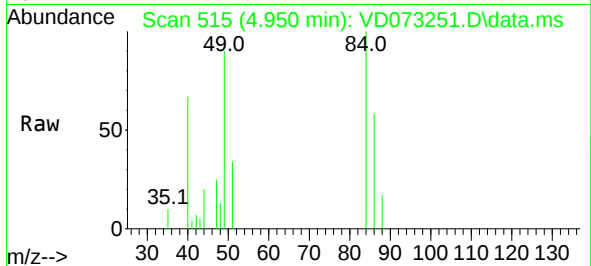




#20
Methylene Chloride
Concen: Below Cal
RT: 4.950 min Scan# 517
Delta R.T. -0.012 min
Lab File: VD073251.D
Acq: 22 May 2022 03:09

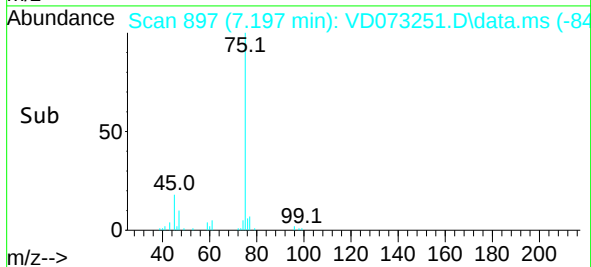
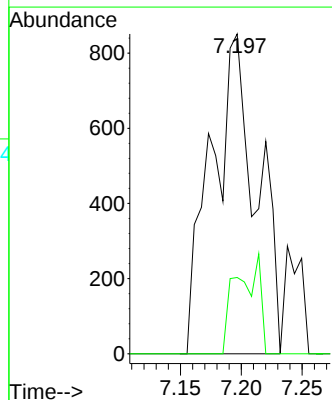
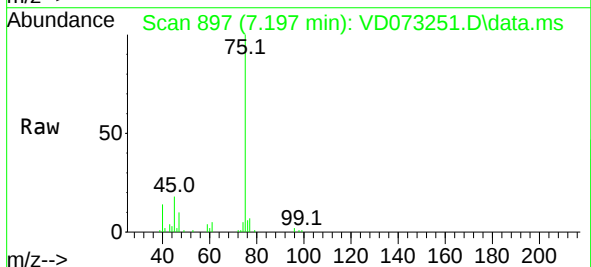
Instrument :
MSVOA_D
ClientSampleId :
VD0521SBL02

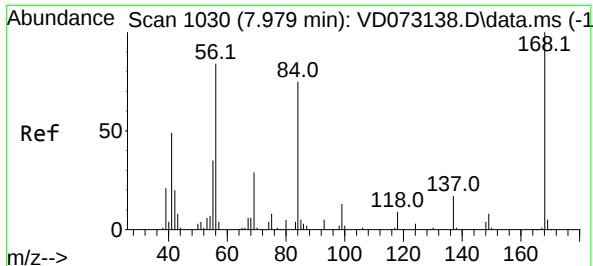
Tgt Ion:	84	Resp:	11004
Ion	Ratio	Lower	Upper
84	100		
49	90.3	112.8	169.2#
51	34.2	32.6	48.8
86	57.9	47.9	71.9



#25
2-Butanone
Concen: 2.560 ug/l
RT: 7.197 min Scan# 897
Delta R.T. -0.011 min
Lab File: VD073251.D
Acq: 22 May 2022 03:09

Tgt Ion:	43	Resp:	2193
Ion	Ratio	Lower	Upper
43	100		
72	23.9	18.6	27.8





#31

Cyclohexane

Concen: 1.803 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. -0.000 min

Lab File: VD073251.D

Acq: 22 May 2022 03:09

Instrument :

MSVOA_D

ClientSampleId :

VD0521SBL02

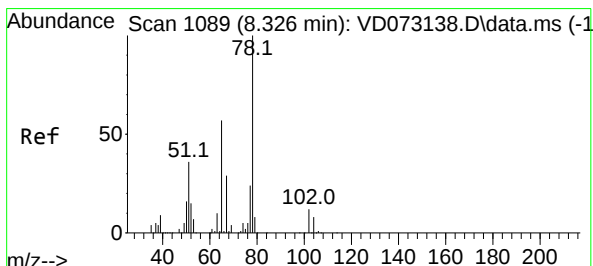
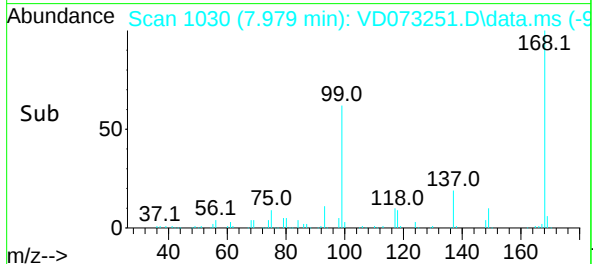
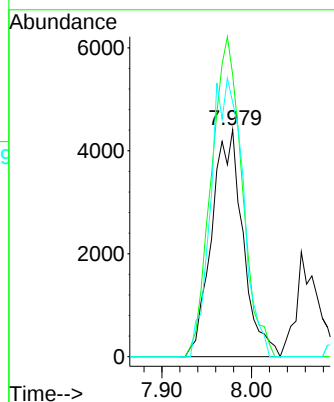
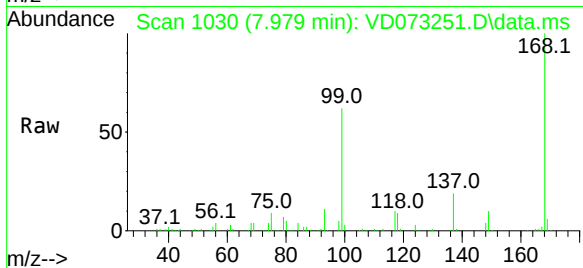
Tgt Ion: 56 Resp: 10651

Ion Ratio Lower Upper

56 100

69 124.2 25.4 38.2#

84 112.1 63.0 94.4#



#33

1,2-Dichloroethane-d4

Concen: 50.066 ug/l

RT: 8.320 min Scan# 1088

Delta R.T. -0.006 min

Lab File: VD073251.D

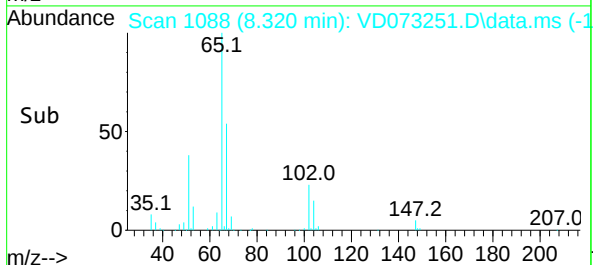
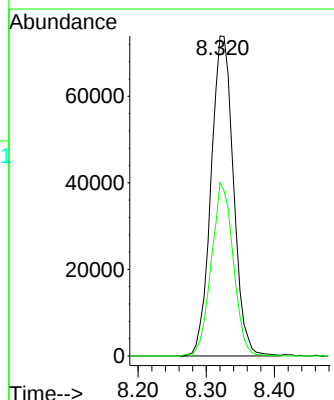
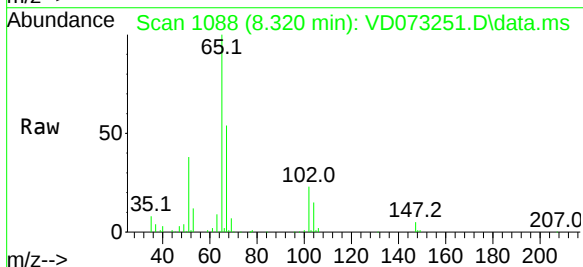
Acq: 22 May 2022 03:09

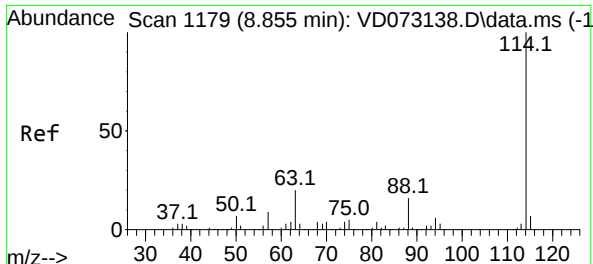
Tgt Ion: 65 Resp: 169223

Ion Ratio Lower Upper

65 100

67 53.0 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: VD073251.D

Acq: 22 May 2022 03:09

Instrument :

MSVOA_D

ClientSampleId :

VD0521SBL02

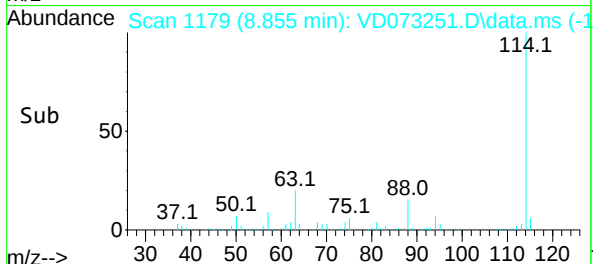
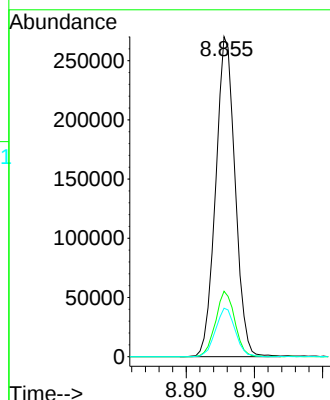
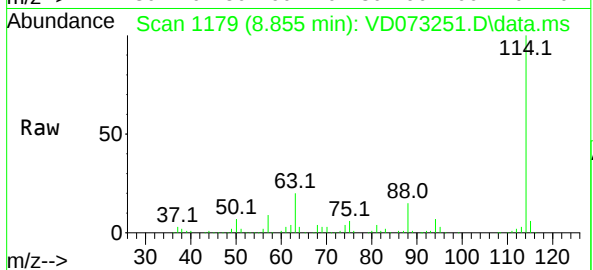
Tgt Ion:114 Resp: 535938

Ion Ratio Lower Upper

114 100

63 20.4 0.0 46.6

88 15.1 0.0 33.2



#35

Dibromofluoromethane

Concen: 50.574 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. -0.006 min

Lab File: VD073251.D

Acq: 22 May 2022 03:09

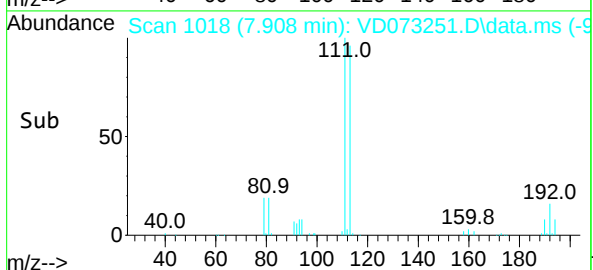
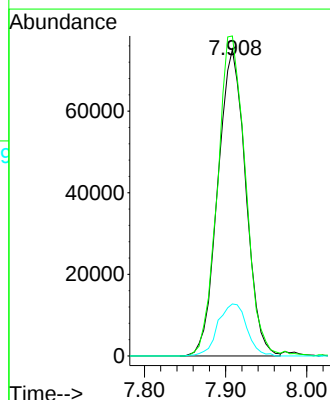
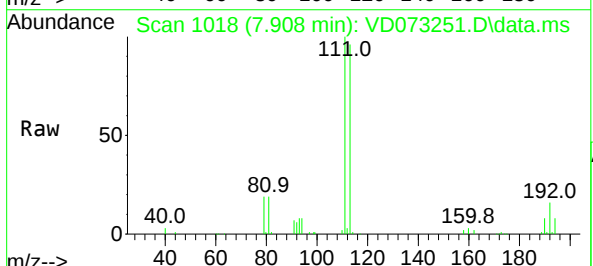
Tgt Ion:113 Resp: 178855

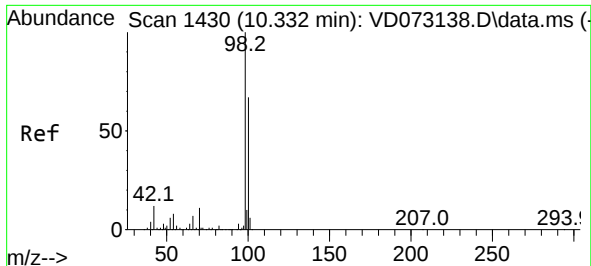
Ion Ratio Lower Upper

113 100

111 105.4 83.8 125.6

192 17.6 14.6 21.8

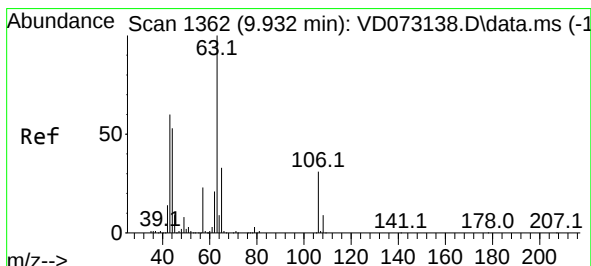
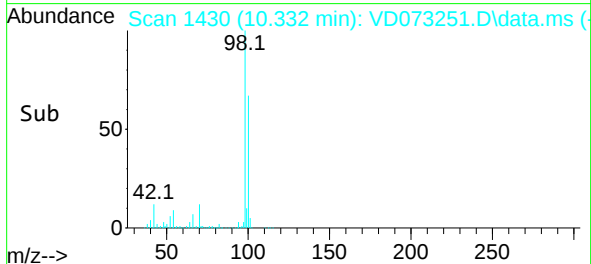
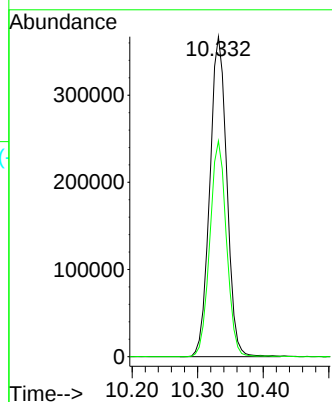
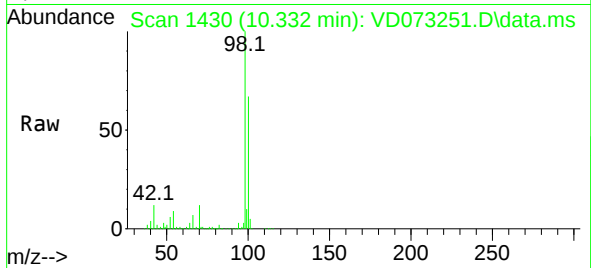




#50
Toluene-d8
Concen: 50.948 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073251.D
Acq: 22 May 2022 03:09

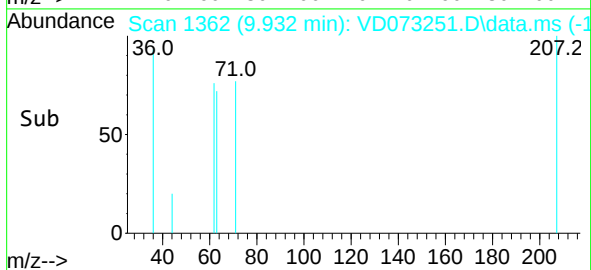
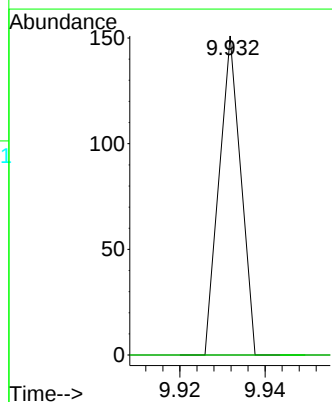
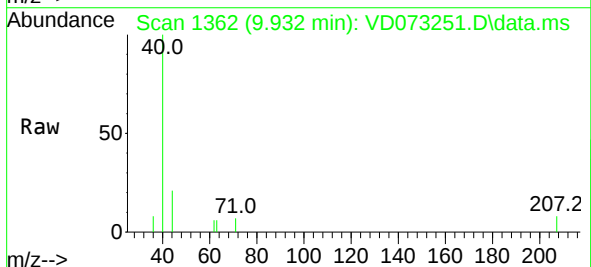
Instrument :
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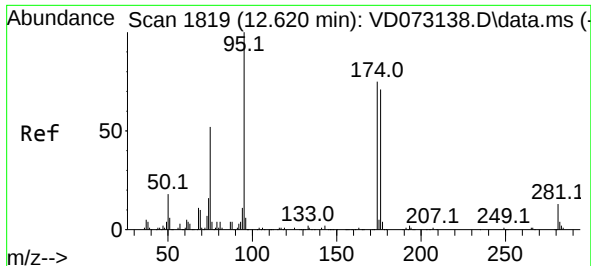
Tgt Ion: 98 Resp: 664172
Ion Ratio Lower Upper
98 100
100 65.8 52.4 78.6



#58
2-Chloroethyl Vinyl ether
Concen: 21.653 ug/l
RT: 9.932 min Scan# 1362
Delta R.T. -0.000 min
Lab File: VD073251.D
Acq: 22 May 2022 03:09

Tgt Ion: 63 Resp: 53
Ion Ratio Lower Upper
63 100
106 0.0 21.4 32.0#

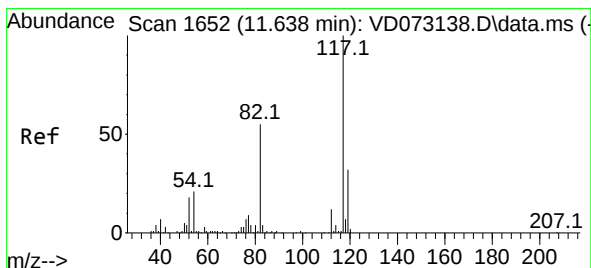
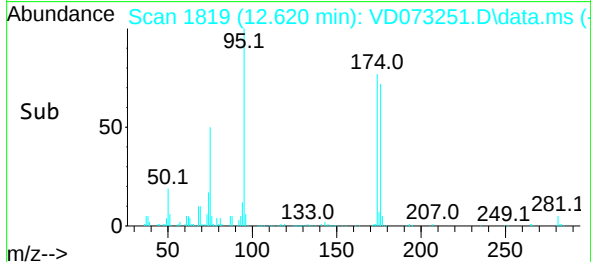
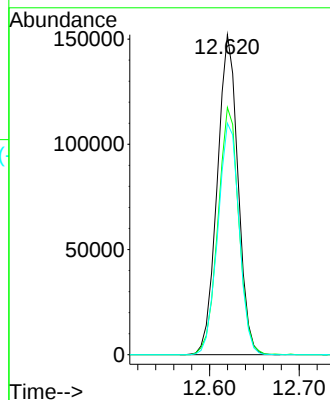
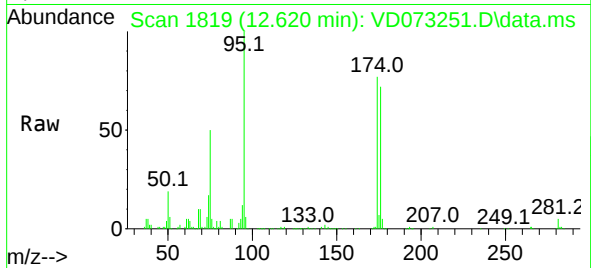




#62
4-Bromofluorobenzene
Concen: 53.337 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD073251.D
Acq: 22 May 2022 03:09

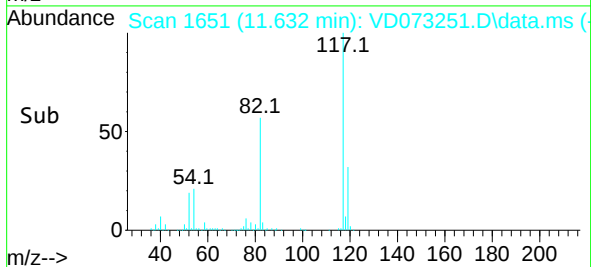
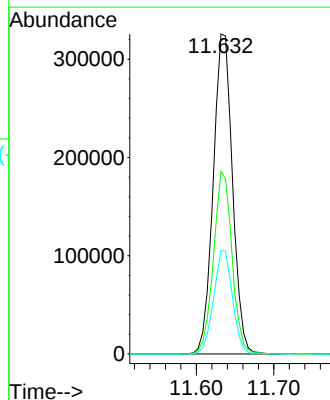
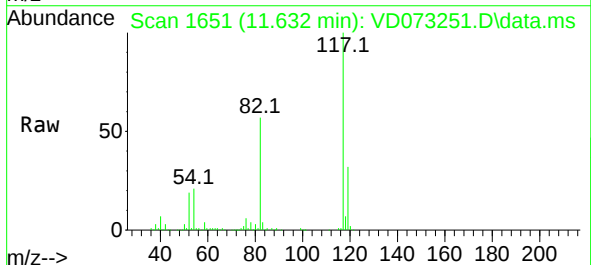
Instrument :
MSVOA_D
ClientSampleId :
VD0521SBL02

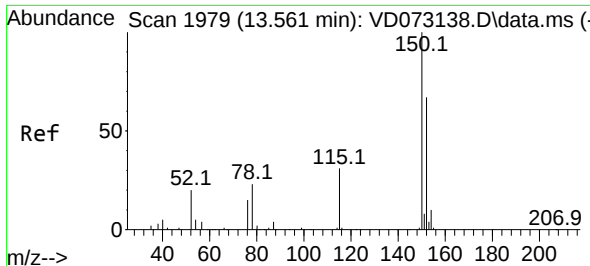
Tgt Ion: 95 Resp: 244017
Ion Ratio Lower Upper
95 100
174 77.7 0.0 152.8
176 73.9 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 1651
Delta R.T. -0.006 min
Lab File: VD073251.D
Acq: 22 May 2022 03:09

Tgt Ion: 117 Resp: 561710
Ion Ratio Lower Upper
117 100
82 57.0 45.3 67.9
119 32.3 26.6 40.0

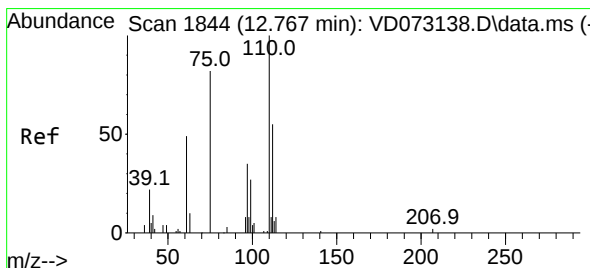
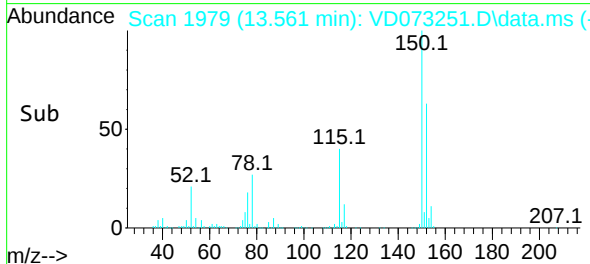
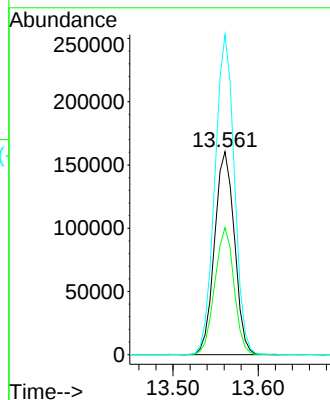
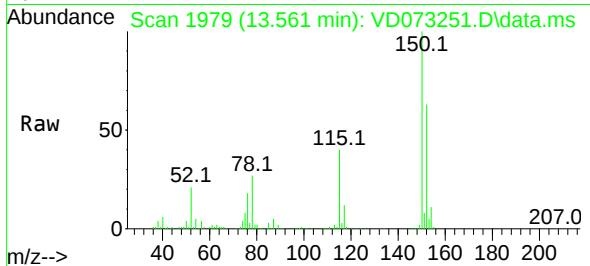




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.561 min Scan# 1979
 Delta R.T. -0.000 min
 Lab File: VD073251.D
 Acq: 22 May 2022 03:09

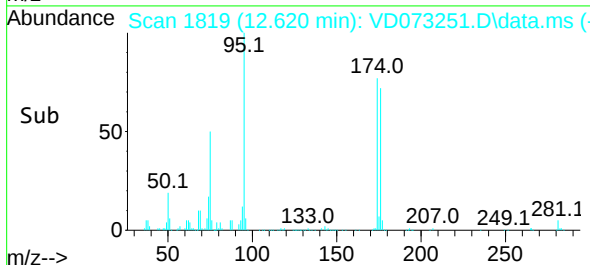
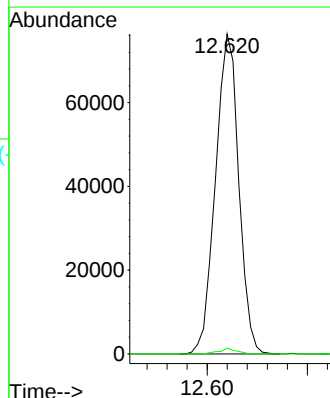
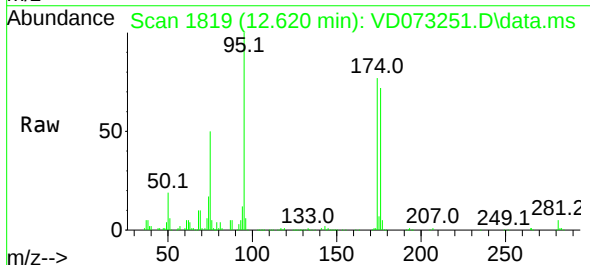
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0521SBL02

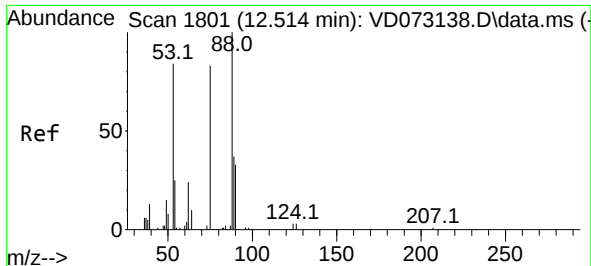
Tgt Ion:152 Resp: 260492
 Ion Ratio Lower Upper
 152 100
 115 60.5 31.3 93.8
 150 154.7 0.0 348.6



#76
 1,2,3-Trichloropropane
 Concen: 48.150 ug/l
 RT: 12.620 min Scan# 1819
 Delta R.T. -0.147 min
 Lab File: VD073251.D
 Acq: 22 May 2022 03:09

Tgt Ion: 75 Resp: 123065
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#

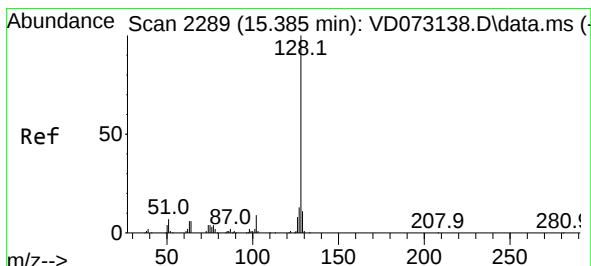
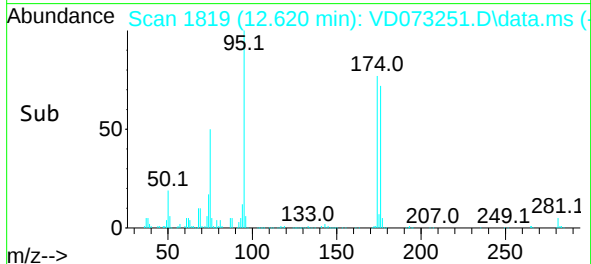
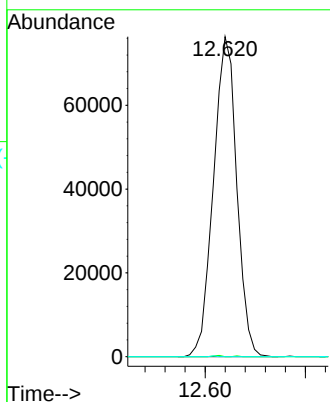
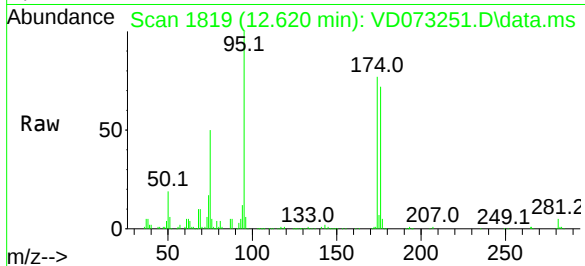




#81
trans-1,4-Dichloro-2-butene
Concen: 115.593 ug/l
RT: 12.620 min Scan# 11
Delta R.T. 0.106 min
Lab File: VD073251.D
Acq: 22 May 2022 03:09

Instrument :
MSVOA_D
ClientSampleId :
VD0521SBL02

Tgt Ion: 75 Resp: 123065
Ion Ratio Lower Upper
75 100
53 0.1 86.5 129.7#
89 0.1 33.9 50.9#



#95
Naphthalene
Concen: 3.626 ug/l
RT: 15.379 min Scan# 2288
Delta R.T. -0.006 min
Lab File: VD073251.D
Acq: 22 May 2022 03:09

Tgt Ion: 128 Resp: 773
Ion Ratio Lower Upper
128 100
127 15.8 10.3 15.5#
129 7.0 8.4 12.6#

