

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060222\
 Data File : VD073462.D
 Acq On : 02 Jun 2022 10:34
 Operator : VA/SY
 Sample : VD0602SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0602SBL01

Quant Time: Jun 03 01:28:04 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)

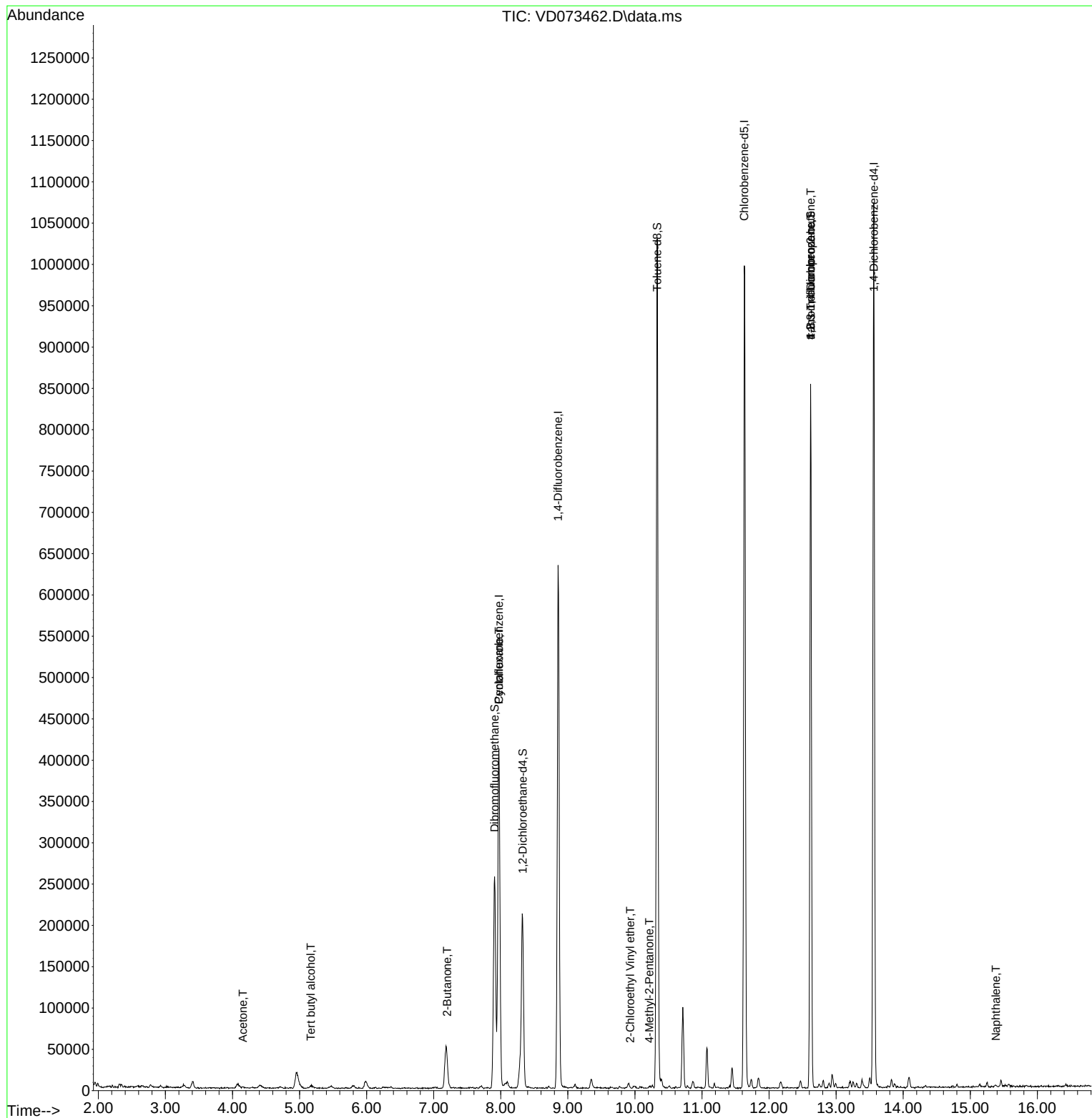
Internal Standards						
1) Pentafluorobenzene	7.973	168	301394	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	545108	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.631	117	596643	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	289213	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	162616	48.821	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	97.640%		
35) Dibromofluoromethane	7.908	113	186164	51.756	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	103.520%		
50) Toluene-d8	10.332	98	673644	50.805	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	101.620%		
62) 4-Bromofluorobenzene	12.620	95	269713	57.962	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	115.920%		
Target Compounds						
5) Bromomethane	2.779	94	1958	Below Cal	#	68
11) Tert butyl alcohol	5.167	59	3342	6.467	ug/l #	74
16) Acetone	4.155	43	2820	4.888	ug/l	91
20) Methylene Chloride	4.961	84	14347	Below Cal	#	85
25) 2-Butanone	7.202	43	3500	4.147	ug/l #	52
31) Cyclohexane	7.973	56	9742	1.674	ug/l #	15
51) 4-Methyl-2-Pentanone	10.214	43	2064	1.006	ug/l	89
58) 2-Chloroethyl Vinyl ether	9.932	63	235	21.760	ug/l #	1
76) 1,2,3-Trichloropropane	12.620	75	134372	47.353	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.620	75	134372	113.679	ug/l #	7
95) Naphthalene	15.384	128	2853	3.822	ug/l #	78

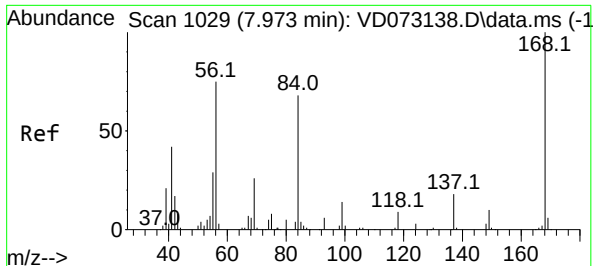
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jun 03 01:28:04 2022
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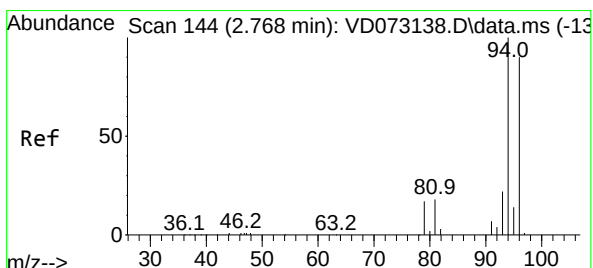
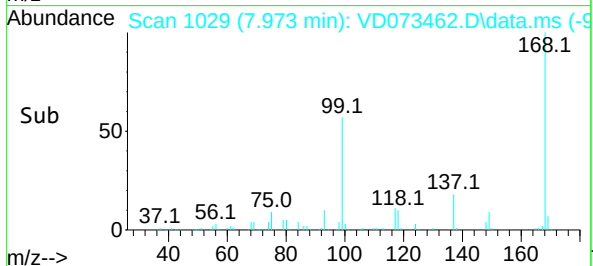
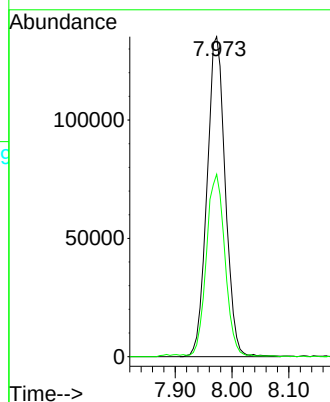
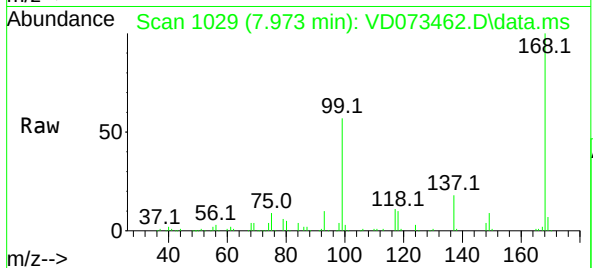




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.000 min
Lab File: VD073462.D
Acq: 02 Jun 2022 10:34

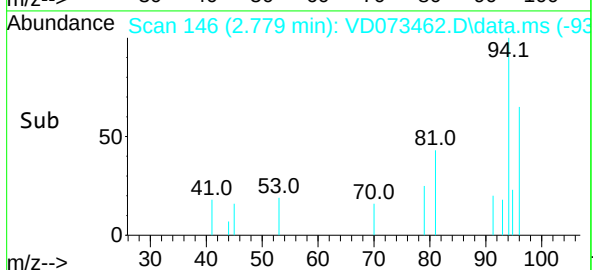
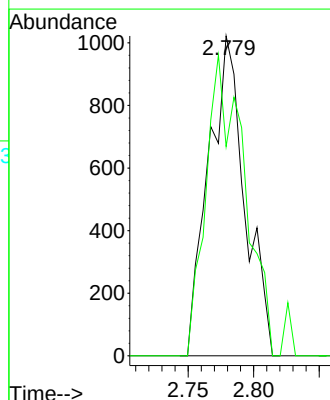
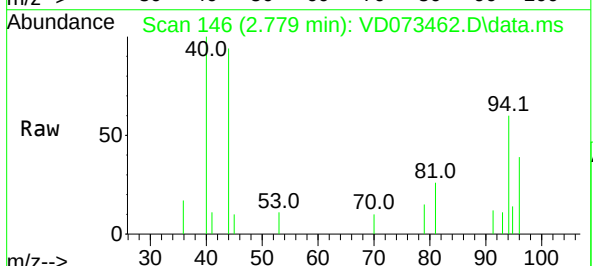
Instrument :
MSVOA_D
ClientSampleId :
VD0602SBL01

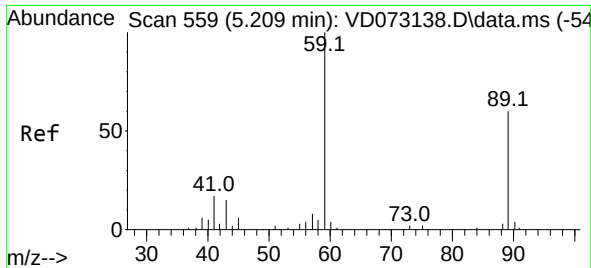
Tgt Ion:168 Resp: 301394
Ion Ratio Lower Upper
168 100
99 57.0 49.8 74.6



#5
Bromomethane
Concen: Below Cal
RT: 2.779 min Scan# 146
Delta R.T. 0.011 min
Lab File: VD073462.D
Acq: 02 Jun 2022 10:34

Tgt Ion: 94 Resp: 1958
Ion Ratio Lower Upper
94 100
96 65.5 77.6 116.4#

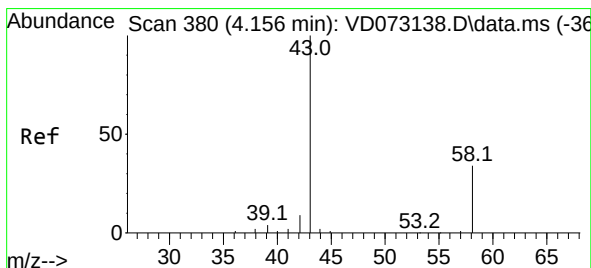
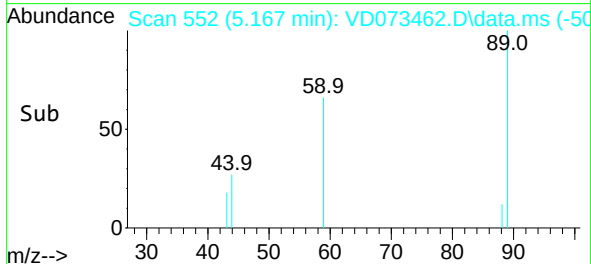
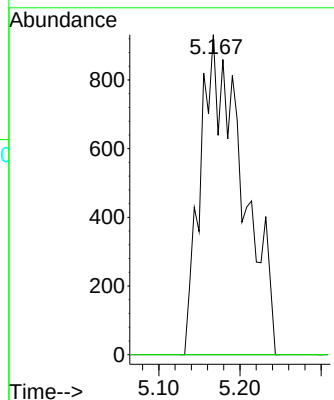
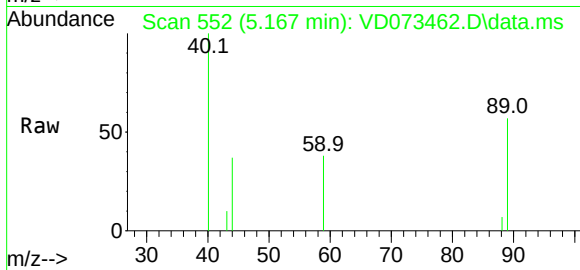




#11
Tert butyl alcohol
Concen: 6.467 ug/l
RT: 5.167 min Scan# 51
Delta R.T. -0.042 min
Lab File: VD073462.D
Acq: 02 Jun 2022 10:34

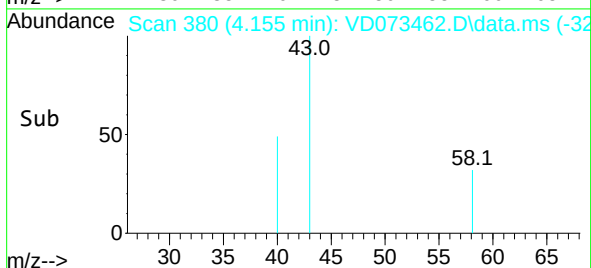
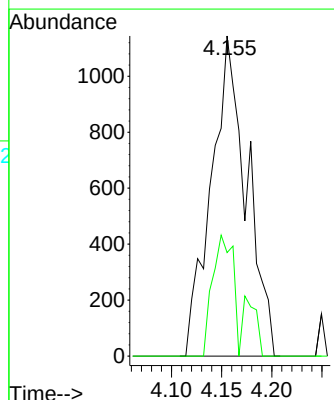
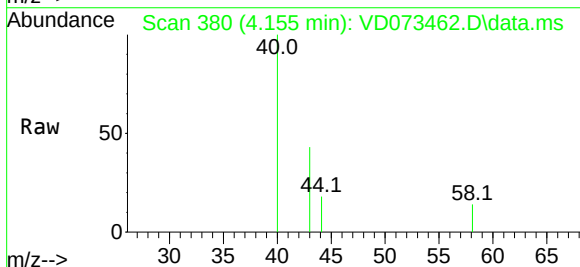
Instrument :
MSVOA_D
ClientSampleId :
VD0602SBL01

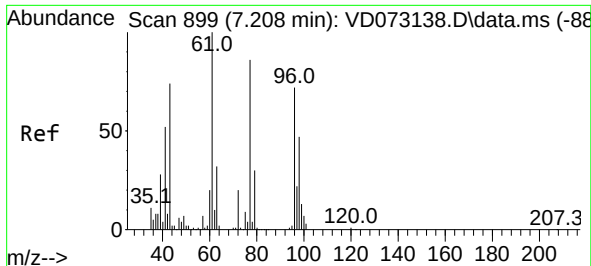
Tgt Ion: 59 Resp: 3342
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.6#



#16
Acetone
Concen: 4.888 ug/l
RT: 4.155 min Scan# 380
Delta R.T. -0.001 min
Lab File: VD073462.D
Acq: 02 Jun 2022 10:34

Tgt Ion: 43 Resp: 2820
Ion Ratio Lower Upper
43 100
58 32.3 22.1 33.1

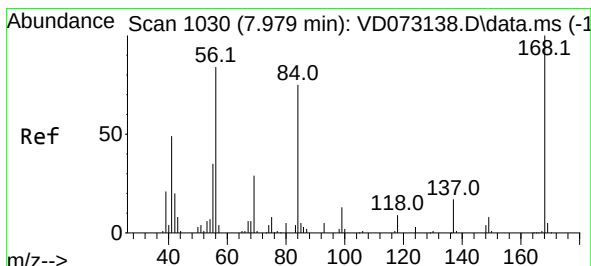
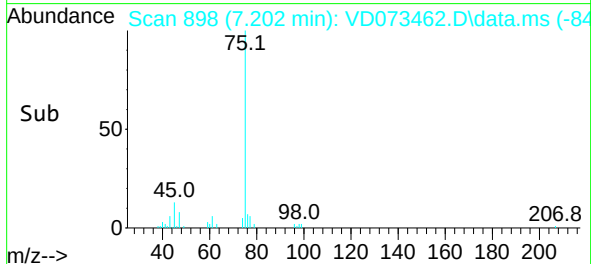
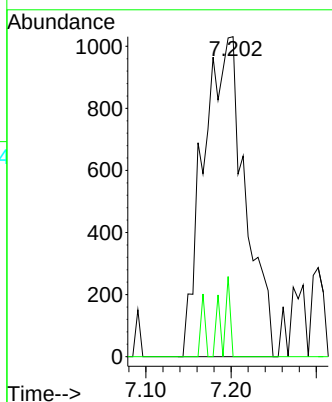
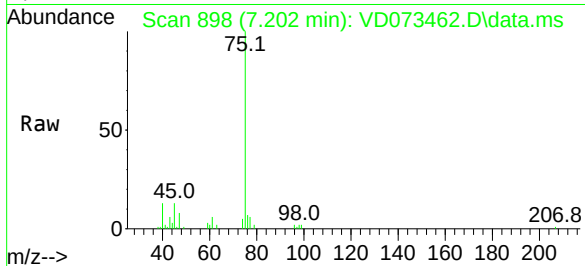




#25
2-Butanone
Concen: 4.147 ug/l
RT: 7.202 min Scan# 899
Delta R.T. -0.006 min
Lab File: VD073462.D
Acq: 02 Jun 2022 10:34

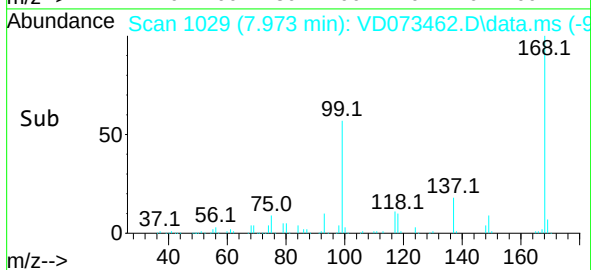
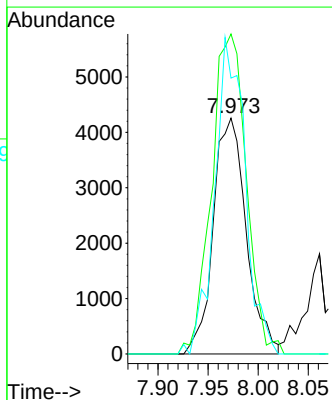
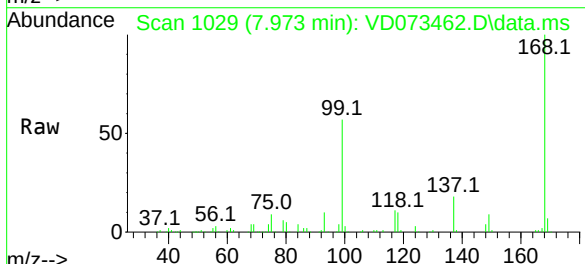
Instrument :
MSVOA_D
ClientSampleId :
VD0602SBL01

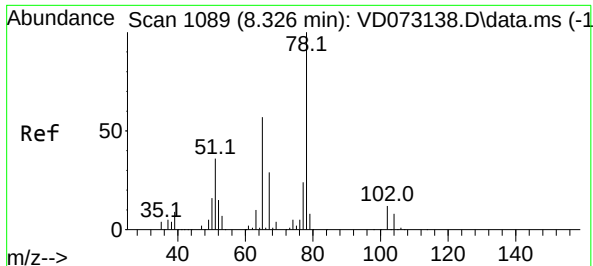
Tgt Ion: 43 Resp: 3500
Ion Ratio Lower Upper
43 100
72 0.0 18.6 27.8#



#31
Cyclohexane
Concen: 1.674 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD073462.D
Acq: 02 Jun 2022 10:34

Tgt Ion: 56 Resp: 9742
Ion Ratio Lower Upper
56 100
69 135.7 25.4 38.2#
84 116.9 63.0 94.4#





#33

1,2-Dichloroethane-d4

Concen: 48.821 ug/l

RT: 8.326 min Scan# 1108

Delta R.T. -0.000 min

Lab File: VD073462.D

Acq: 02 Jun 2022 10:34

Instrument :

MSVOA_D

ClientSampleId :

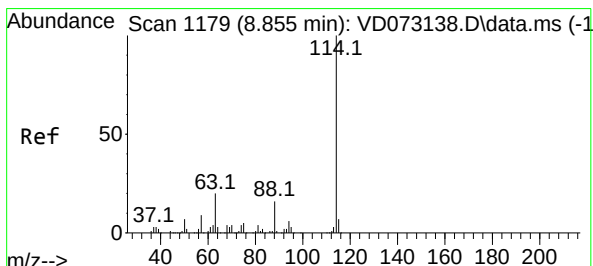
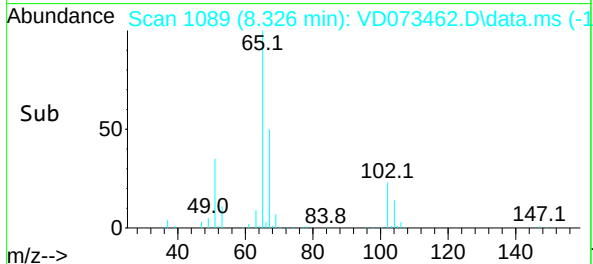
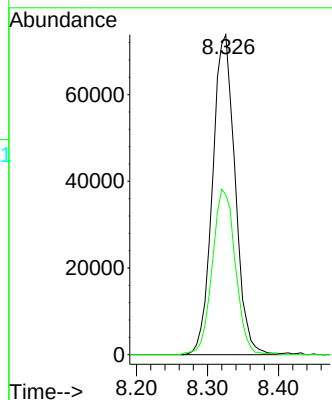
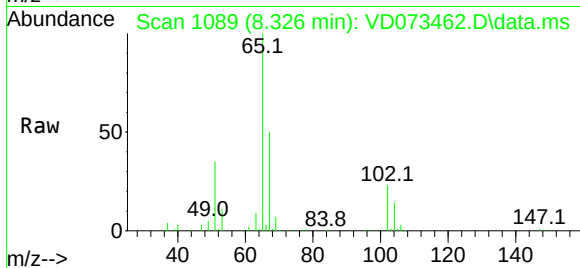
VD0602SBL01

Tgt Ion: 65 Resp: 162616

Ion Ratio Lower Upper

65 100

67 52.9 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: VD073462.D

Acq: 02 Jun 2022 10:34

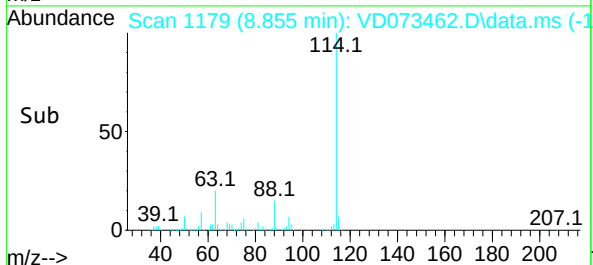
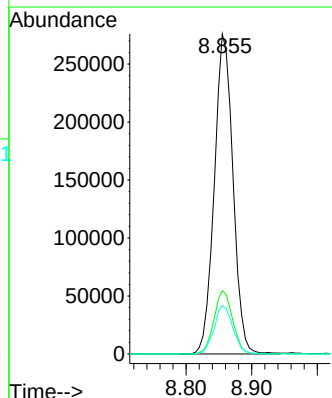
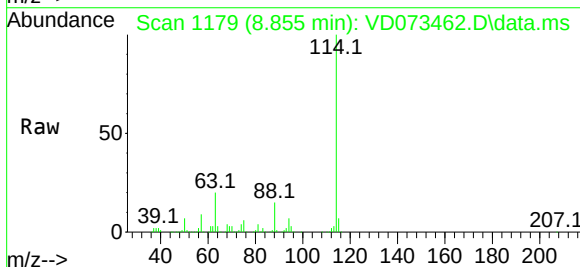
Tgt Ion: 114 Resp: 545108

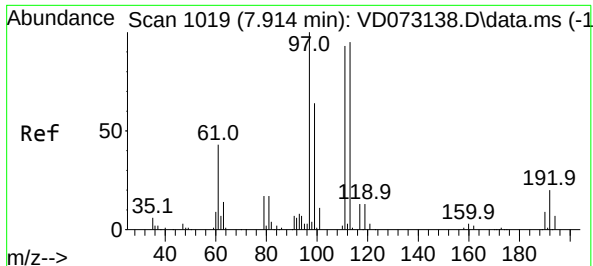
Ion Ratio Lower Upper

114 100

63 19.8 0.0 46.6

88 15.1 0.0 33.2

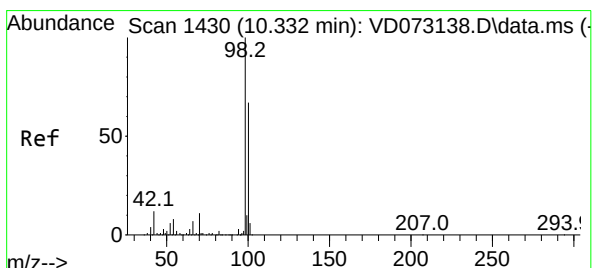
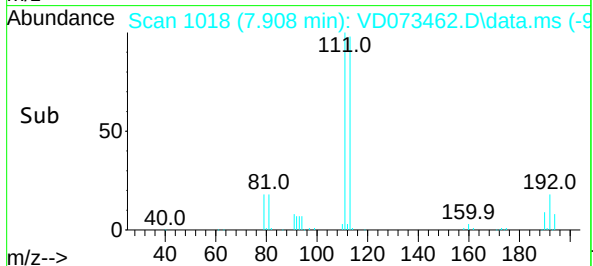
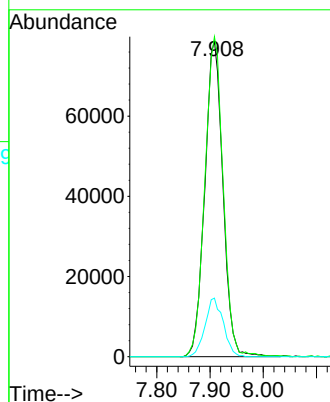
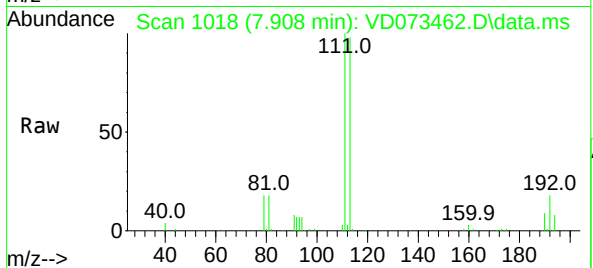




#35
Dibromofluoromethane
Concen: 51.756 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. -0.006 min
Lab File: VD073462.D
Acq: 02 Jun 2022 10:34

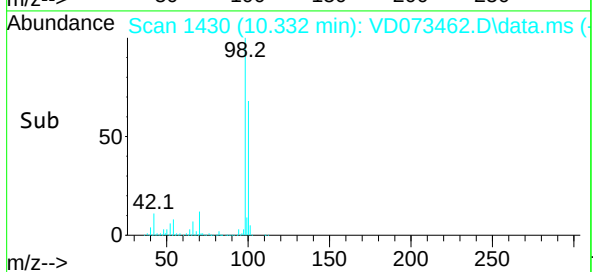
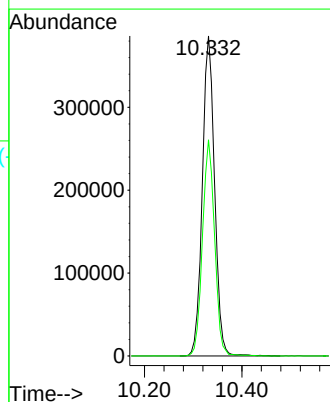
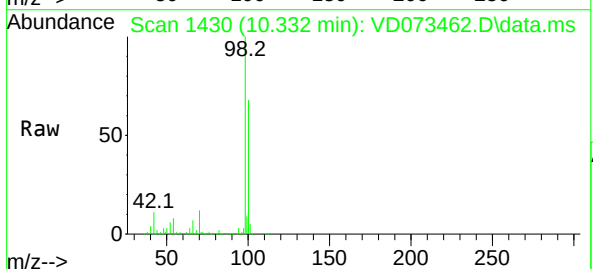
Instrument :
MSVOA_D
ClientSampleId :
VD0602SBL01

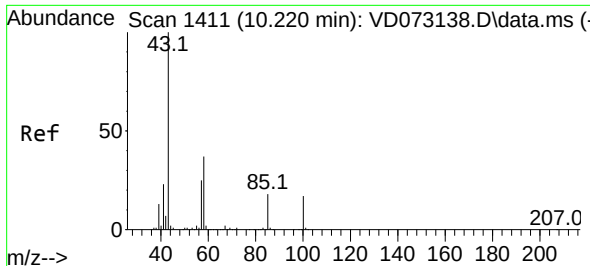
Tgt Ion:113 Resp: 186164
Ion Ratio Lower Upper
113 100
111 102.1 83.8 125.6
192 18.6 14.6 21.8



#50
Toluene-d8
Concen: 50.805 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073462.D
Acq: 02 Jun 2022 10:34

Tgt Ion: 98 Resp: 673644
Ion Ratio Lower Upper
98 100
100 67.0 52.4 78.6

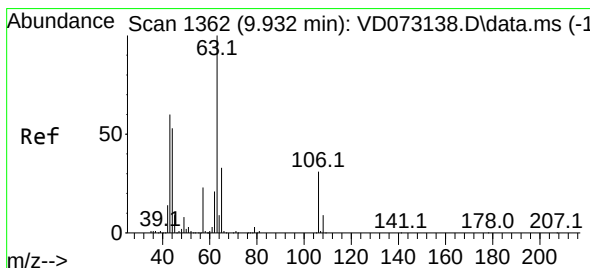
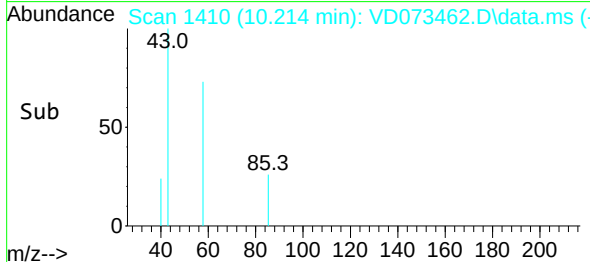
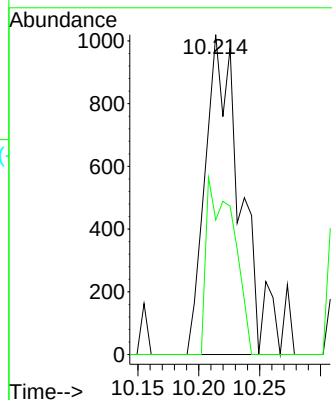
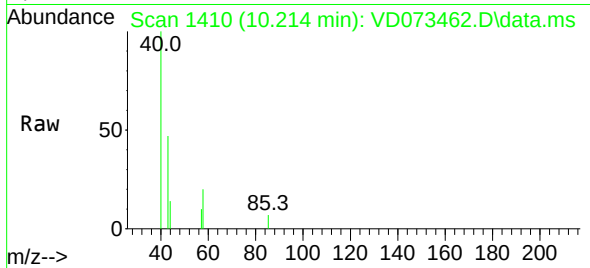




#51
4-Methyl-2-Pentanone
Concen: 1.006 ug/l
RT: 10.214 min Scan# 1411
Delta R.T. -0.006 min
Lab File: VD073462.D
Acq: 02 Jun 2022 10:34

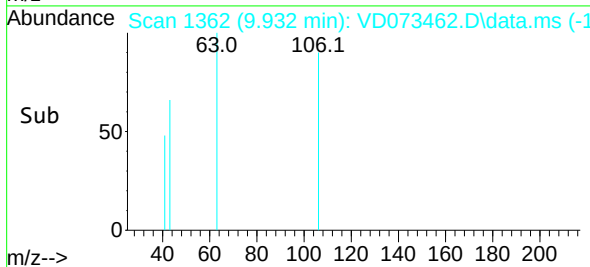
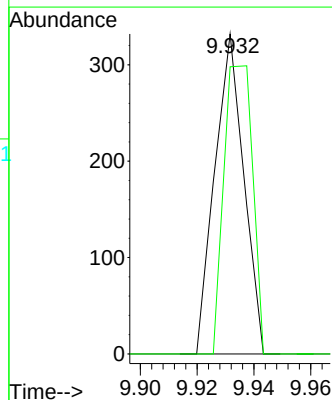
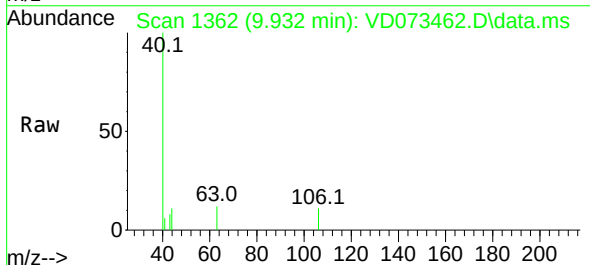
Instrument :
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VD0602SBL01

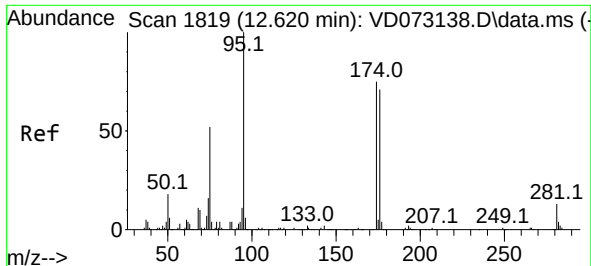
Tgt Ion: 43 Resp: 2064
Ion Ratio Lower Upper
43 100
58 42.2 28.6 43.0



#58
2-Chloroethyl Vinyl ether
Concen: 21.760 ug/l
RT: 9.932 min Scan# 1362
Delta R.T. -0.000 min
Lab File: VD073462.D
Acq: 02 Jun 2022 10:34

Tgt Ion: 63 Resp: 235
Ion Ratio Lower Upper
63 100
106 89.8 21.4 32.0#

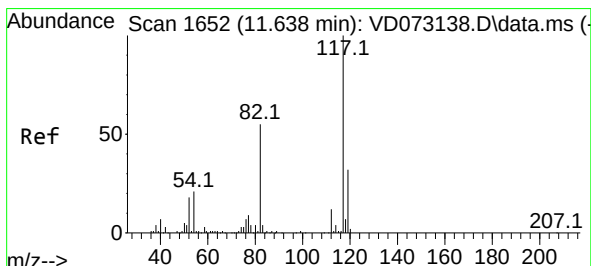
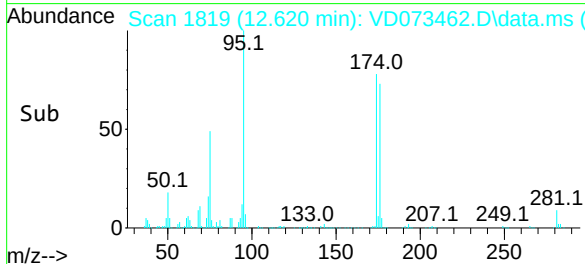
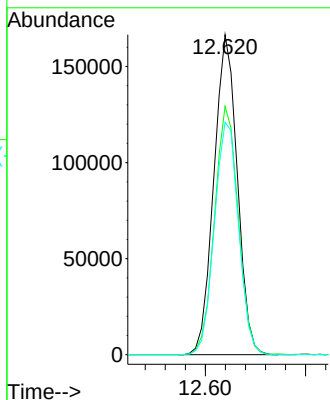
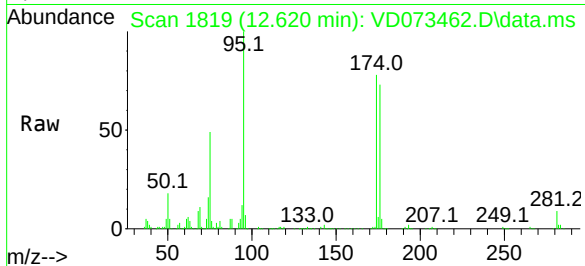




#62
4-Bromofluorobenzene
Concen: 57.962 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD073462.D
Acq: 02 Jun 2022 10:34

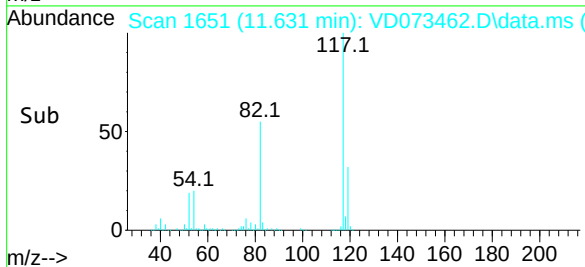
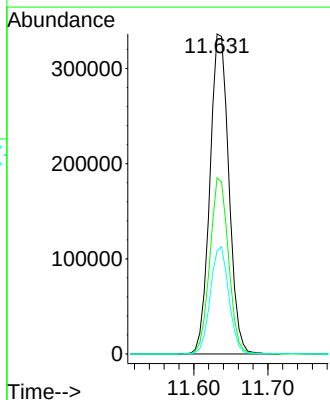
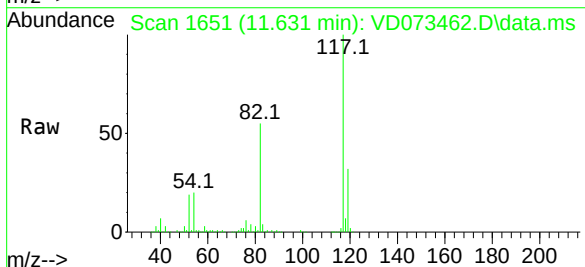
Instrument :
MSVOA_D
ClientSampleId :
VD0602SBL01

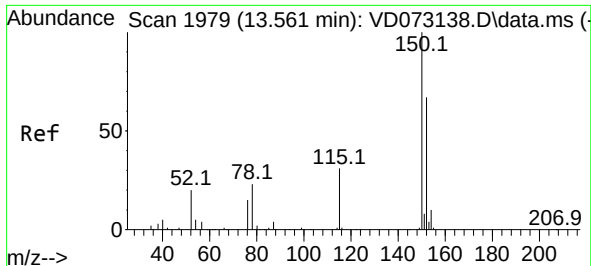
Tgt Ion: 95 Resp: 269713
Ion Ratio Lower Upper
95 100
174 78.4 0.0 152.8
176 75.0 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.631 min Scan# 1651
Delta R.T. -0.007 min
Lab File: VD073462.D
Acq: 02 Jun 2022 10:34

Tgt Ion: 117 Resp: 596643
Ion Ratio Lower Upper
117 100
82 55.1 45.3 67.9
119 32.3 26.6 40.0

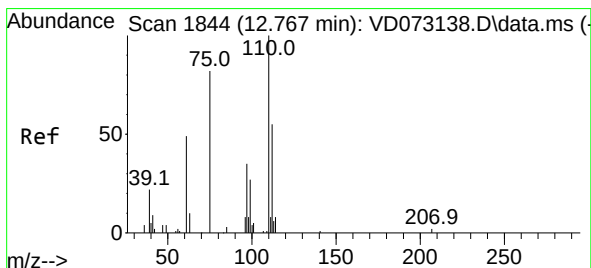
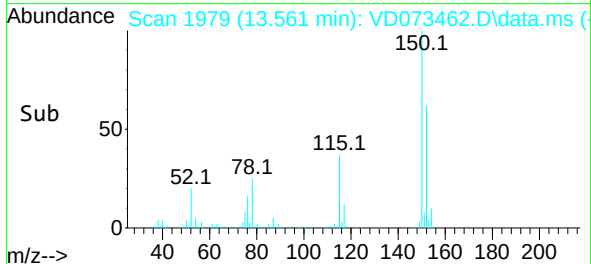
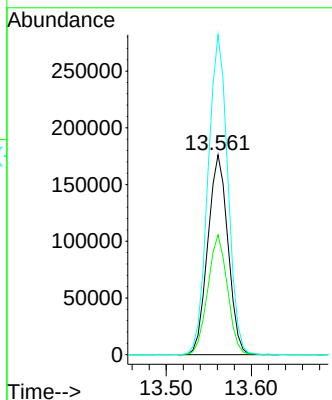
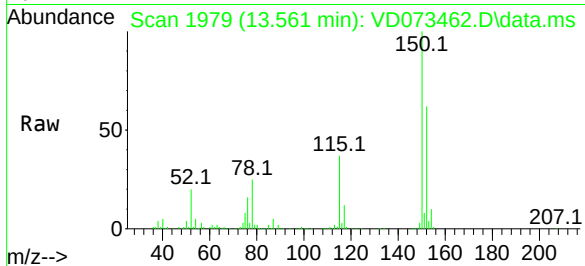




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD073462.D
Acq: 02 Jun 2022 10:34

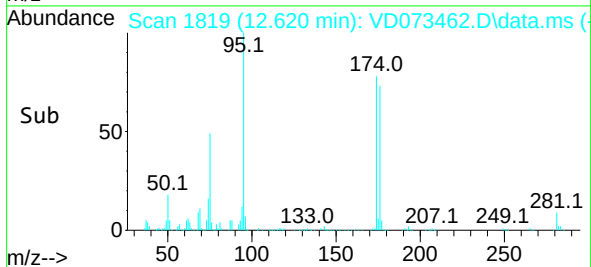
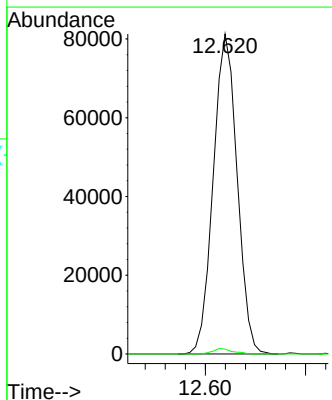
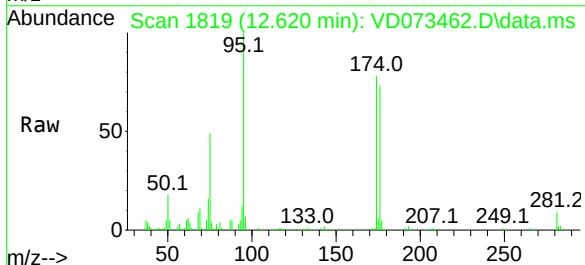
Instrument :
MSVOA_D
ClientSampleId :
VD0602SBL01

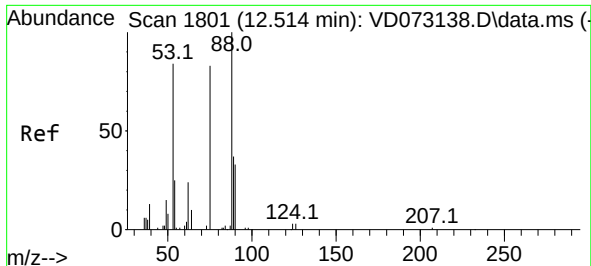
Tgt Ion:152 Resp: 289213
Ion Ratio Lower Upper
152 100
115 58.6 31.3 93.8
150 157.8 0.0 348.6



#76
1,2,3-Trichloropropane
Concen: 47.353 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.147 min
Lab File: VD073462.D
Acq: 02 Jun 2022 10:34

Tgt Ion: 75 Resp: 134372
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#

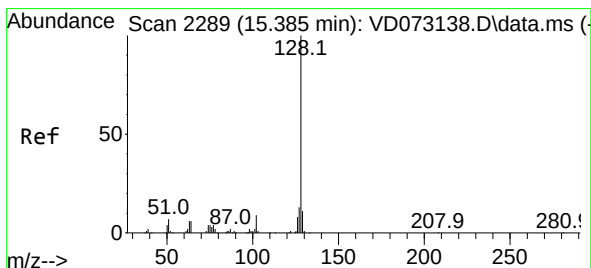
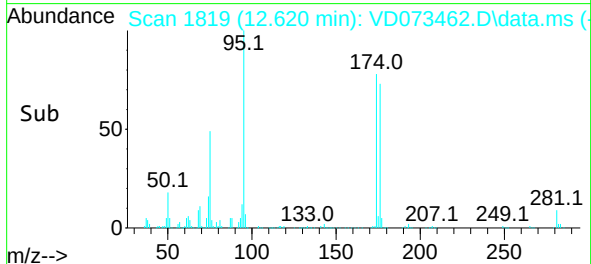
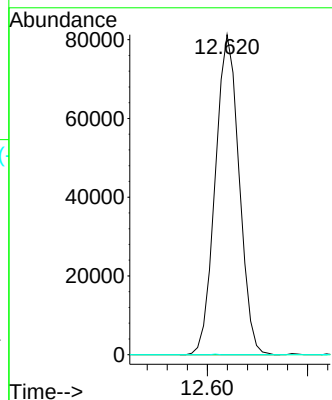
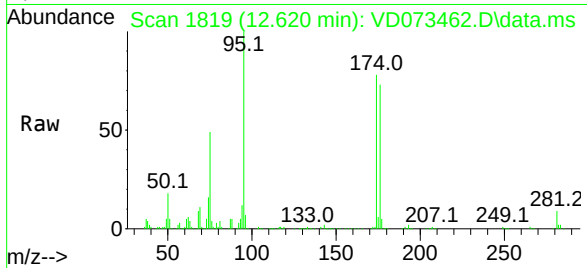




#81
trans-1,4-Dichloro-2-butene
Concen: 113.679 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.106 min
Lab File: VD073462.D
Acq: 02 Jun 2022 10:34

Instrument :
MSVOA_D
ClientSampleId :
VD0602SBL01

Tgt Ion: 75 Resp: 134372
Ion Ratio Lower Upper
75 100
53 0.0 86.5 129.7#
89 0.0 33.9 50.9#



#95
Naphthalene
Concen: 3.822 ug/l
RT: 15.384 min Scan# 2289
Delta R.T. -0.001 min
Lab File: VD073462.D
Acq: 02 Jun 2022 10:34

Tgt Ion: 128 Resp: 2853
Ion Ratio Lower Upper
128 100
127 4.4 10.3 15.5#
129 2.2 8.4 12.6#

