

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051922\
 Data File : VD073167.D
 Acq On : 20 May 2022 06:18
 Operator : VA/SY
 Sample : VD0519SBL02
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0519SBL02

Quant Time: May 20 07:53:53 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)

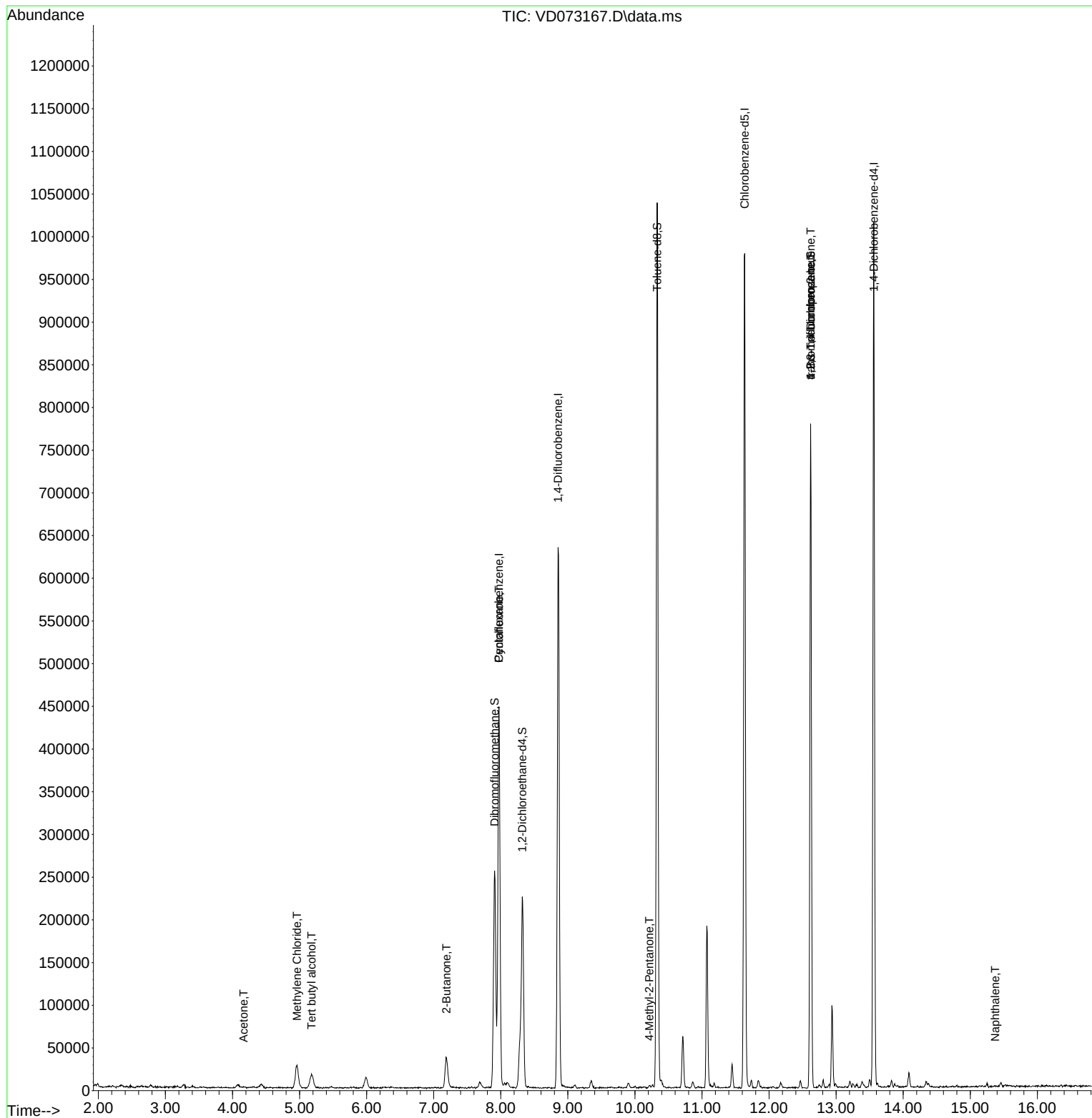
Internal Standards						
1) Pentafluorobenzene	7.973	168	306356	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	550327	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	573875	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	259753	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	168753	49.843	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	99.680%		
35) Dibromofluoromethane	7.908	113	186625	51.392	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	102.780%		
50) Toluene-d8	10.332	98	676240	50.517	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	101.040%		
62) 4-Bromofluorobenzene	12.620	95	247780	52.744	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	105.480%		
Target Compounds						
					Qvalue	
5) Bromomethane	2.779	94	1598	Below Cal	#	66
11) Tert butyl alcohol	5.179	59	15814	30.105	ug/l #	74
16) Acetone	4.167	43	2257	3.849	ug/l #	86
20) Methylene Chloride	4.961	84	20965	1.786	ug/l #	80
25) 2-Butanone	7.191	43	2371	2.763	ug/l #	52
31) Cyclohexane	7.973	56	10149	1.715	ug/l #	24
51) 4-Methyl-2-Pentanone	10.214	43	2326	1.123	ug/l #	87
76) 1,2,3-Trichloropropane	12.620	75	125390	49.199	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.620	75	125390	118.112	ug/l #	7
95) Naphthalene	15.373	128	1260	3.679	ug/l #	70

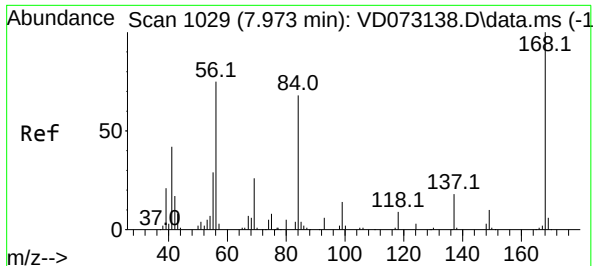
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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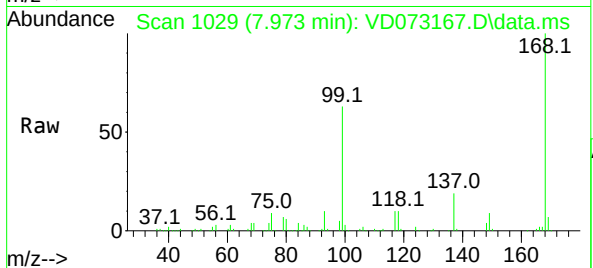
Quant Time: May 20 07:53:53 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051922S.M
Quant Title : SW846 8260
QLast Update : Thu May 19 15:13:42 2022
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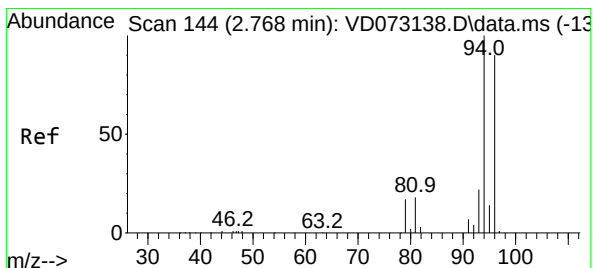
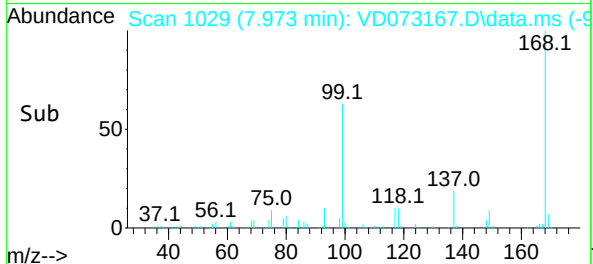
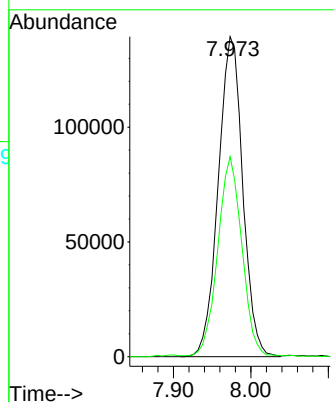


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD073167.D
Acq: 20 May 2022 06:18

Instrument :
MSVOA_D
ClientSampleId :
VD0519SBL02

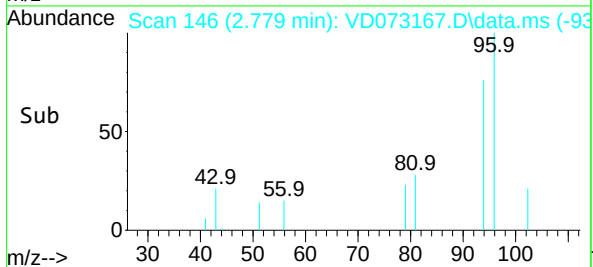
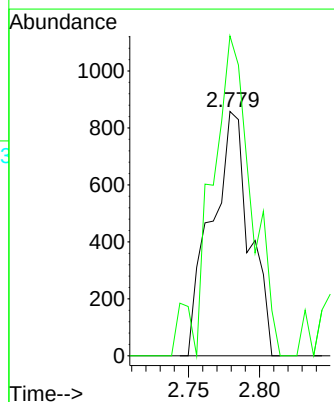
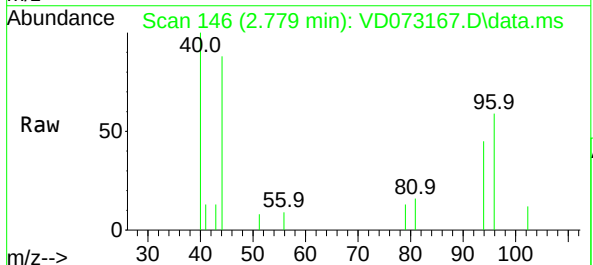


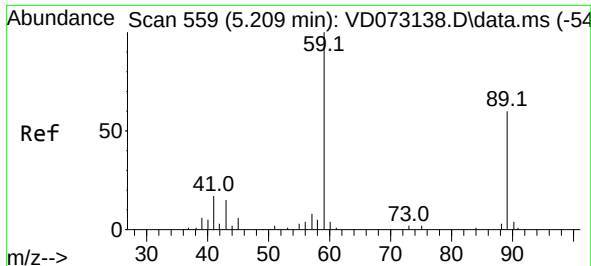
Tgt Ion:168 Resp: 306356
Ion Ratio Lower Upper
168 100
99 62.2 49.8 74.6



#5
Bromomethane
Concen: Below Cal
RT: 2.779 min Scan# 146
Delta R.T. 0.011 min
Lab File: VD073167.D
Acq: 20 May 2022 06:18

Tgt Ion: 94 Resp: 1598
Ion Ratio Lower Upper
94 100
96 130.9 77.6 116.4#





#11

Tert butyl alcohol

Concen: 30.105 ug/l

RT: 5.179 min Scan# 51

Delta R.T. -0.030 min

Lab File: VD073167.D

Acq: 20 May 2022 06:18

Instrument :

MSVOA_D

ClientSampleId :

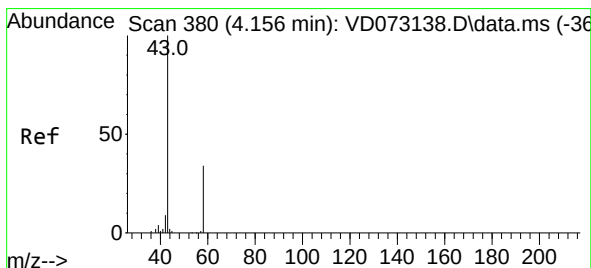
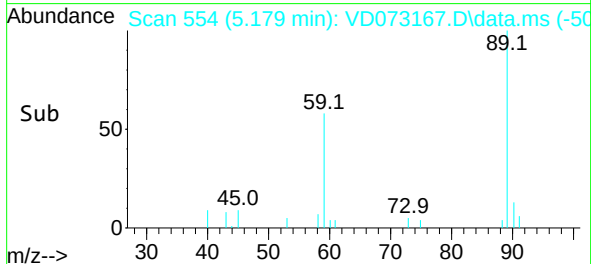
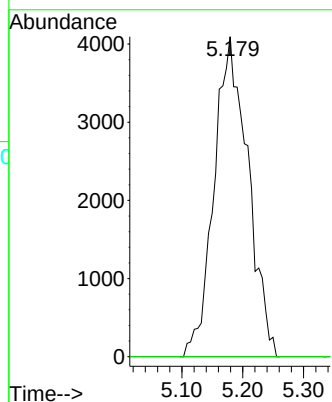
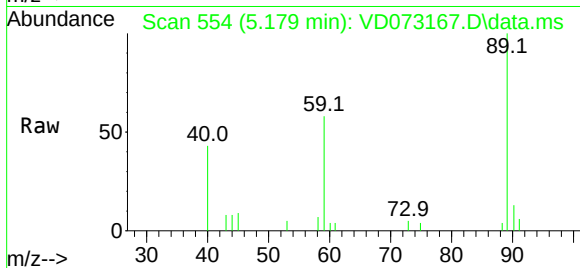
VD0519SBL02

Tgt Ion: 59 Resp: 15814

Ion Ratio Lower Upper

59 100

57 0.0 7.8 11.6#



#16

Acetone

Concen: 3.849 ug/l

RT: 4.167 min Scan# 382

Delta R.T. 0.011 min

Lab File: VD073167.D

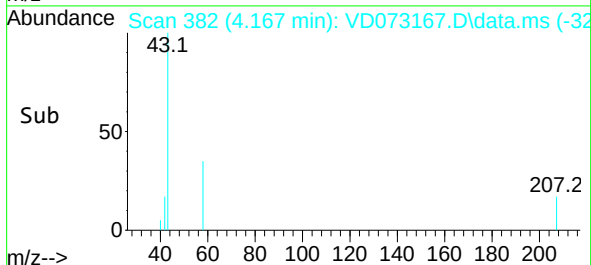
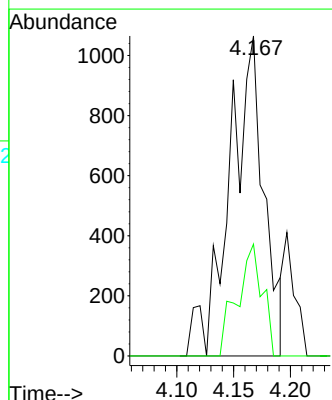
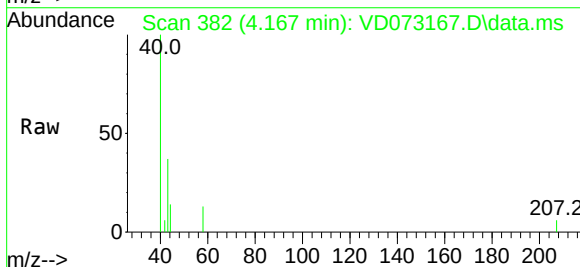
Acq: 20 May 2022 06:18

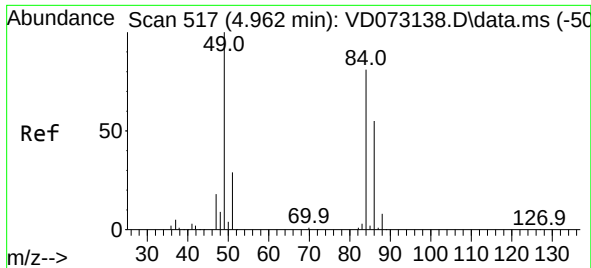
Tgt Ion: 43 Resp: 2257

Ion Ratio Lower Upper

43 100

58 34.9 22.1 33.1#

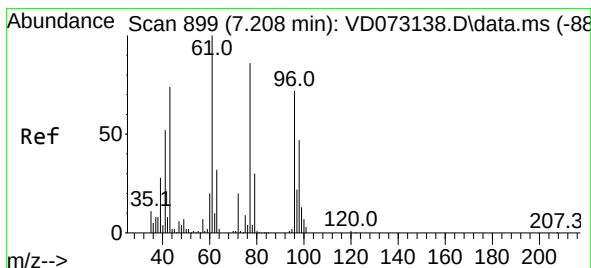
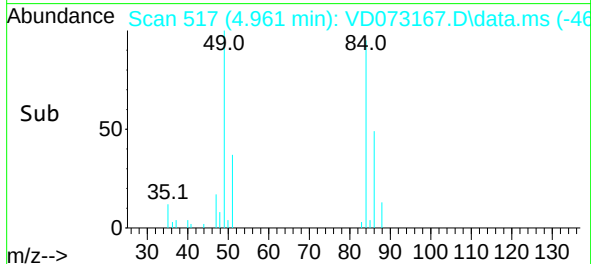
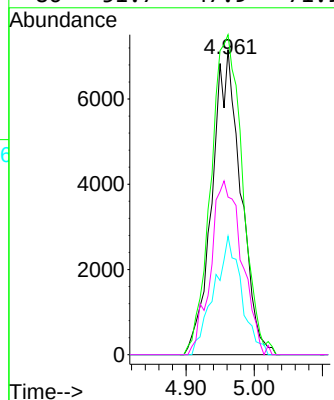
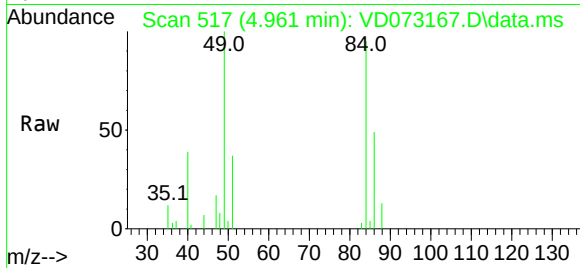




#20
Methylene Chloride
Concen: 1.786 ug/l
RT: 4.961 min Scan# 517
Delta R.T. -0.001 min
Lab File: VD073167.D
Acq: 20 May 2022 06:18

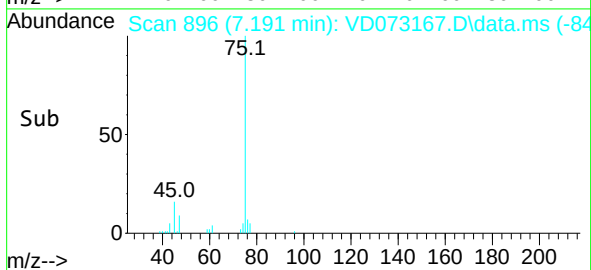
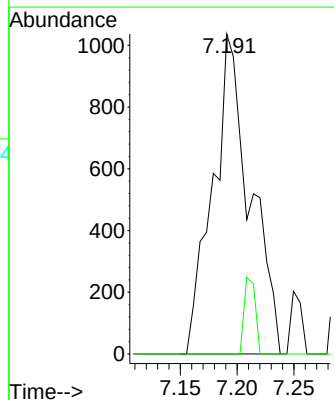
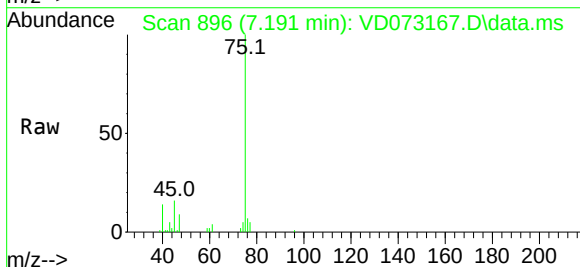
Instrument :
MSVOA_D
ClientSampleId :
VD0519SBL02

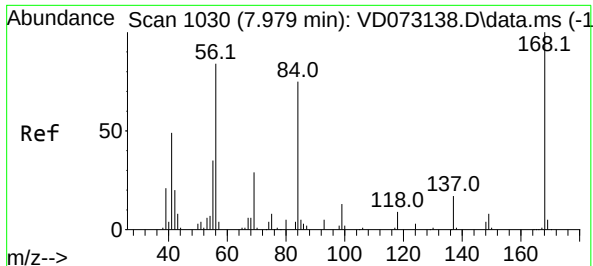
Tgt Ion:	84	Resp:	20965
Ion	Ratio	Lower	Upper
84	100		
49	104.9	112.8	169.2#
51	38.8	32.6	48.8
86	51.7	47.9	71.9



#25
2-Butanone
Concen: 2.763 ug/l
RT: 7.191 min Scan# 896
Delta R.T. -0.017 min
Lab File: VD073167.D
Acq: 20 May 2022 06:18

Tgt Ion:	43	Resp:	2371
Ion	Ratio	Lower	Upper
43	100		
72	0.0	18.6	27.8#





#31

Cyclohexane

Concen: 1.715 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.006 min

Lab File: VD073167.D

Acq: 20 May 2022 06:18

Instrument :

MSVOA_D

ClientSampleId :

VD0519SBL02

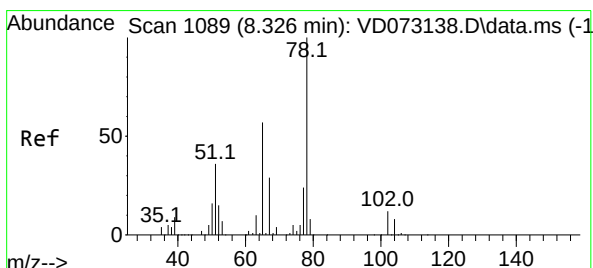
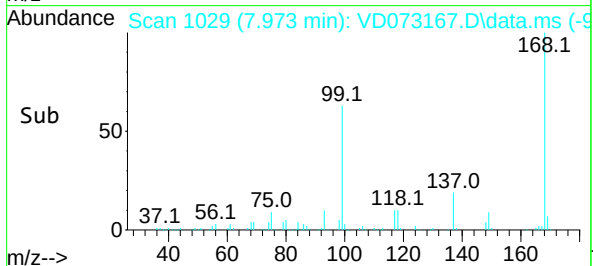
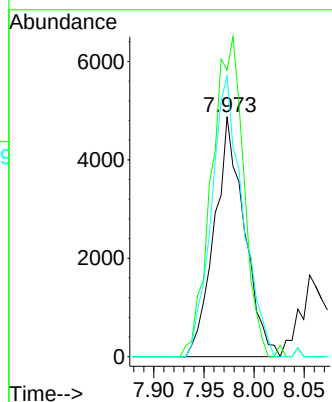
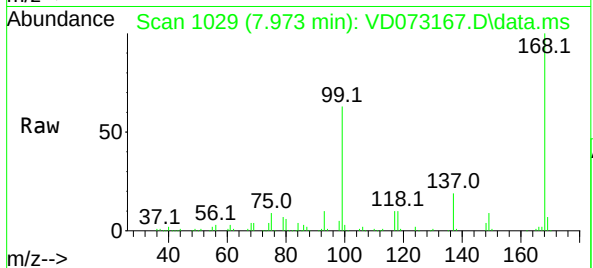
Tgt Ion: 56 Resp: 10149

Ion Ratio Lower Upper

56 100

69 119.4 25.4 38.2#

84 116.9 63.0 94.4#



#33

1,2-Dichloroethane-d4

Concen: 49.843 ug/l

RT: 8.320 min Scan# 1088

Delta R.T. -0.006 min

Lab File: VD073167.D

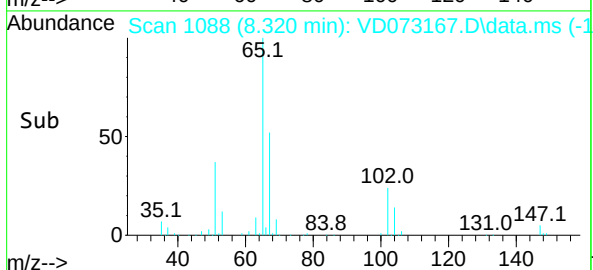
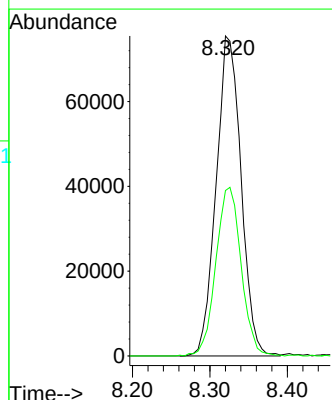
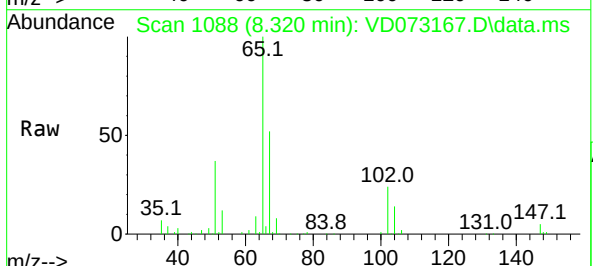
Acq: 20 May 2022 06:18

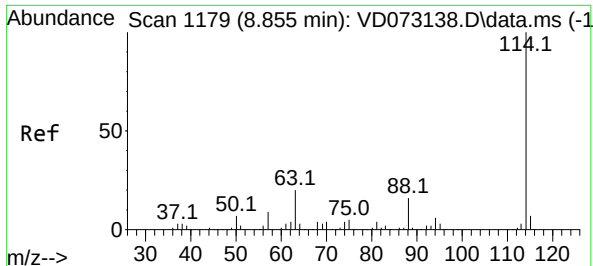
Tgt Ion: 65 Resp: 168753

Ion Ratio Lower Upper

65 100

67 53.6 0.0 101.4

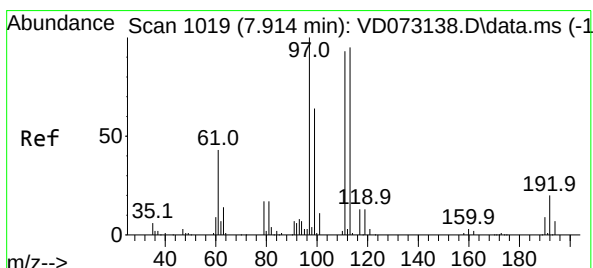
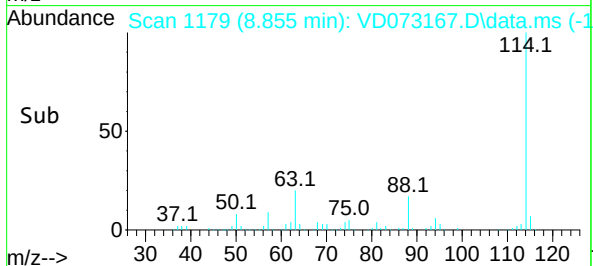
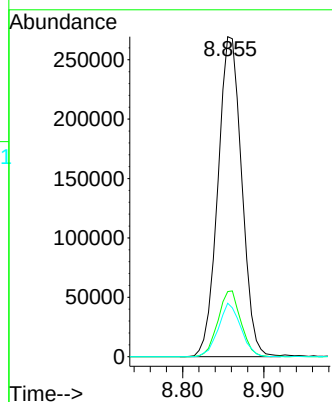
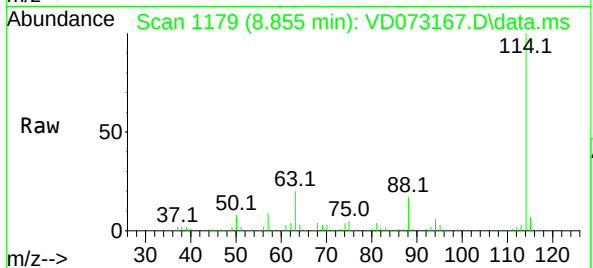




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.855 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VD073167.D
Acq: 20 May 2022 06:18

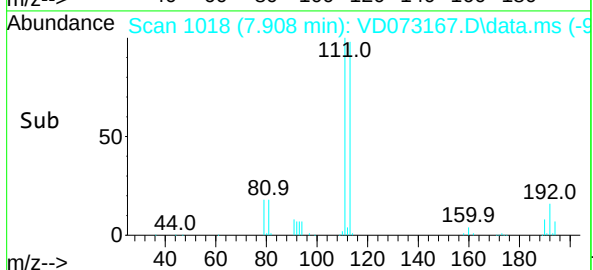
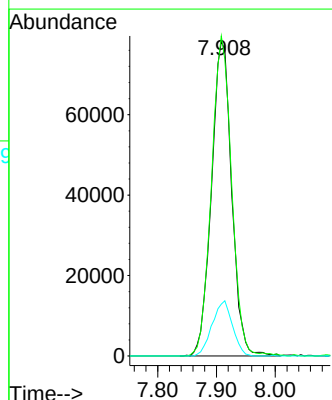
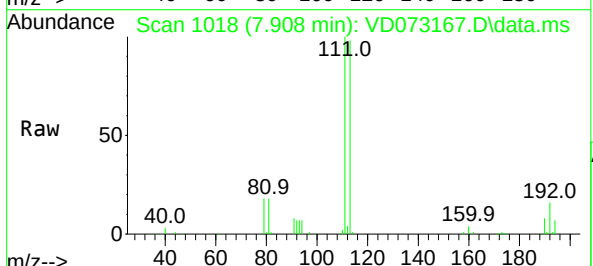
Instrument :
MSVOA_D
ClientSampleId :
VD0519SBL02

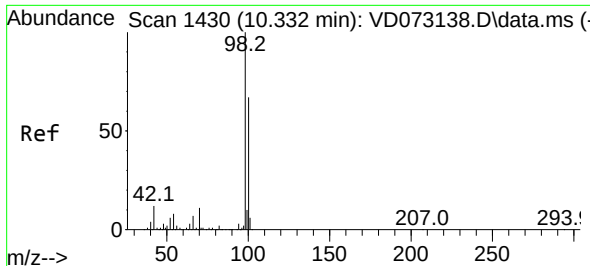
Tgt Ion:114 Resp: 550327
Ion Ratio Lower Upper
114 100
63 20.4 0.0 46.6
88 16.7 0.0 33.2



#35
Dibromofluoromethane
Concen: 51.392 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. -0.006 min
Lab File: VD073167.D
Acq: 20 May 2022 06:18

Tgt Ion:113 Resp: 186625
Ion Ratio Lower Upper
113 100
111 101.6 83.8 125.6
192 17.6 14.6 21.8

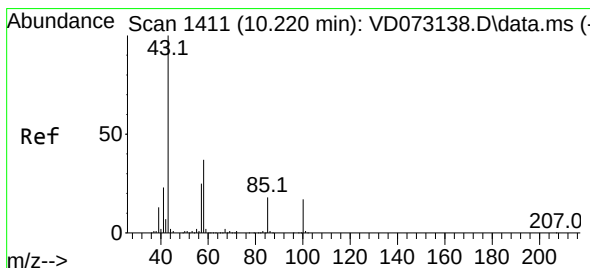
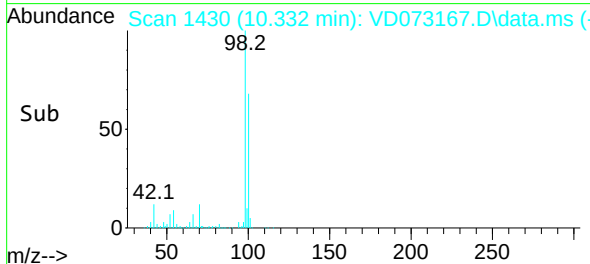
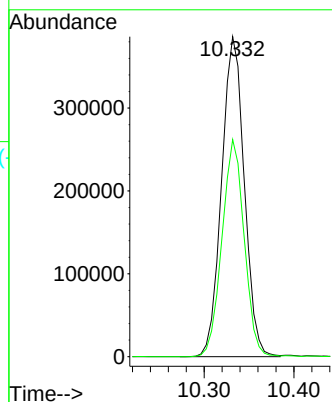
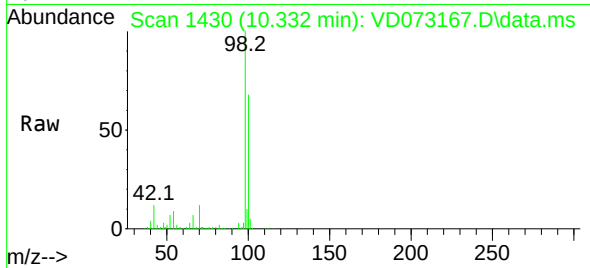




#50
Toluene-d8
Concen: 50.517 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073167.D
Acq: 20 May 2022 06:18

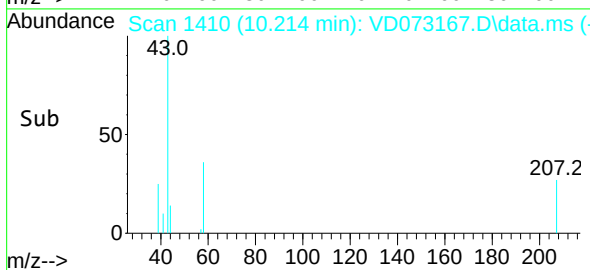
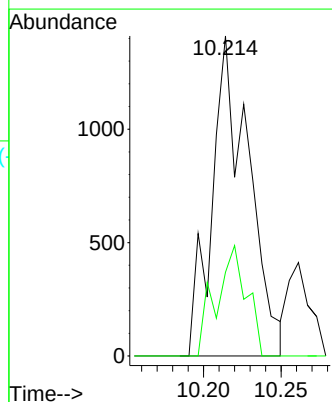
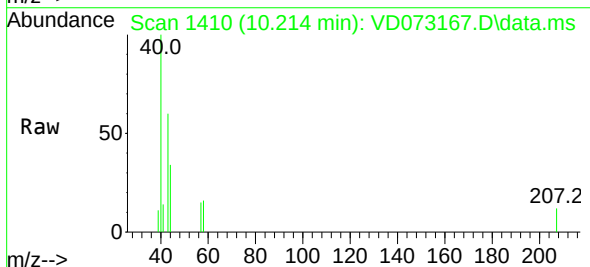
Instrument :
MSVOA_D
ClientSampleId :
VD0519SBL02

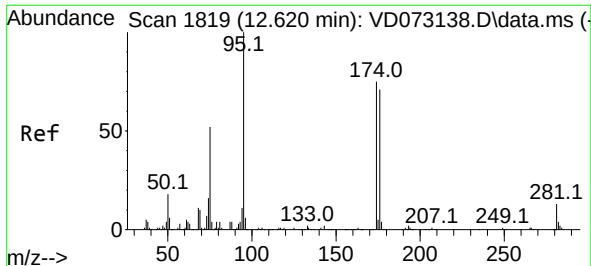
Tgt Ion: 98 Resp: 676240
Ion Ratio Lower Upper
98 100
100 66.6 52.4 78.6



#51
4-Methyl-2-Pentanone
Concen: 1.123 ug/l
RT: 10.214 min Scan# 1410
Delta R.T. -0.006 min
Lab File: VD073167.D
Acq: 20 May 2022 06:18

Tgt Ion: 43 Resp: 2326
Ion Ratio Lower Upper
43 100
58 28.5 28.6 43.0#

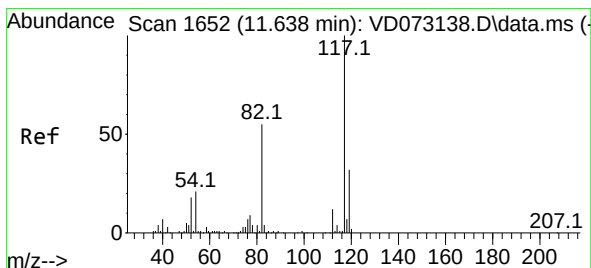
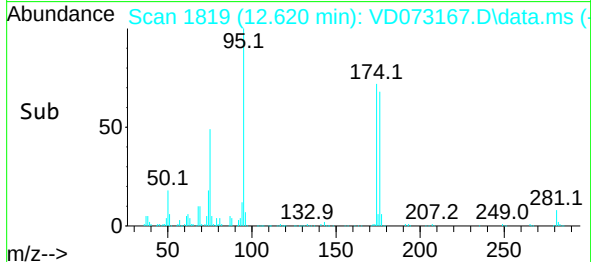
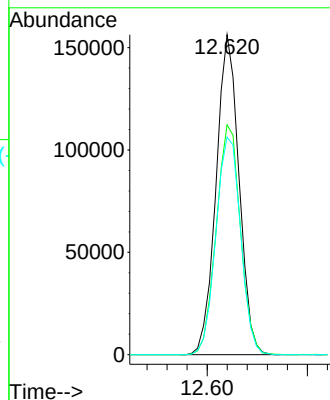
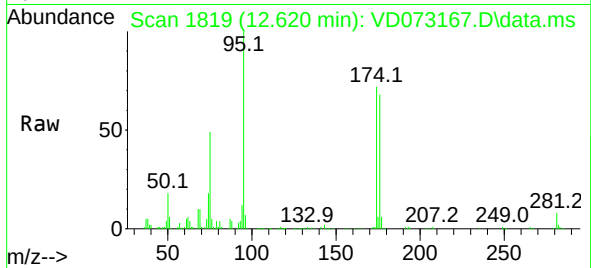




#62
4-Bromofluorobenzene
Concen: 52.744 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD073167.D
Acq: 20 May 2022 06:18

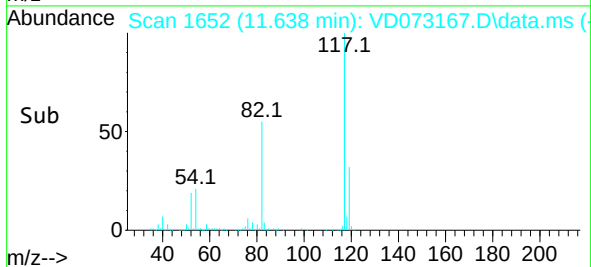
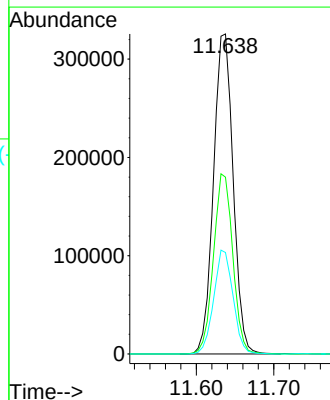
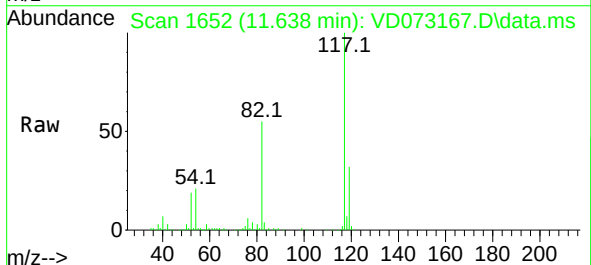
Instrument :
MSVOA_D
ClientSampleId :
VD0519SBL02

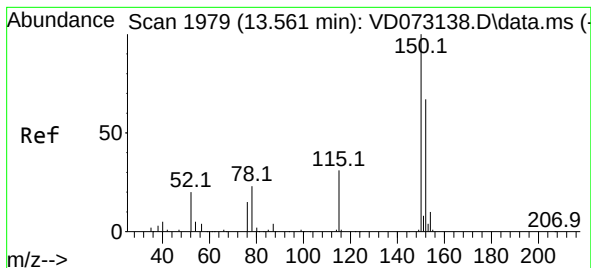
Tgt Ion: 95 Resp: 247780
Ion Ratio Lower Upper
95 100
174 75.7 0.0 152.8
176 73.1 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD073167.D
Acq: 20 May 2022 06:18

Tgt Ion: 117 Resp: 573875
Ion Ratio Lower Upper
117 100
82 55.3 45.3 67.9
119 31.7 26.6 40.0

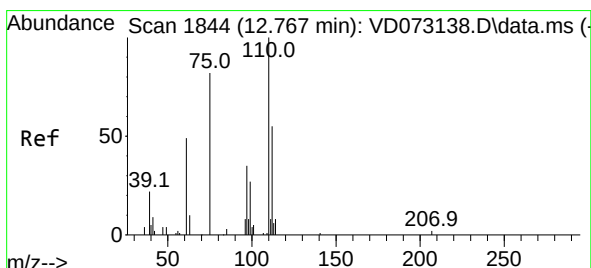
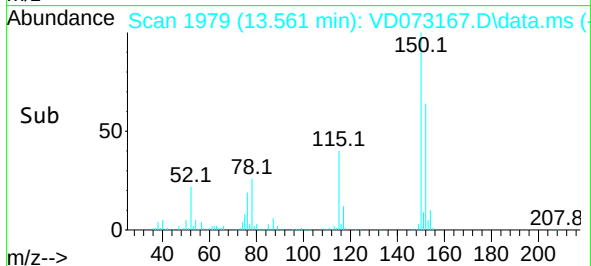
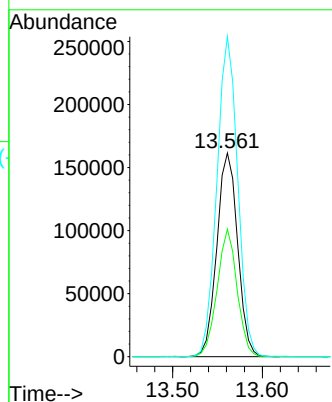
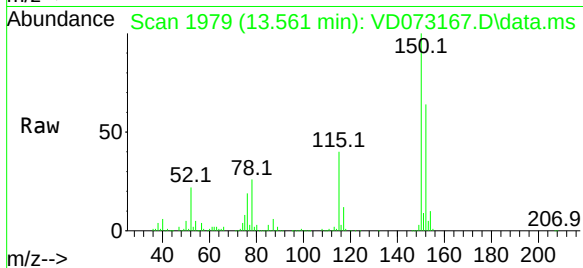




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.561 min Scan# 1979
 Delta R.T. -0.000 min
 Lab File: VD073167.D
 Acq: 20 May 2022 06:18

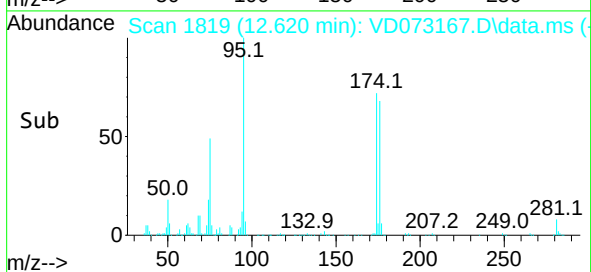
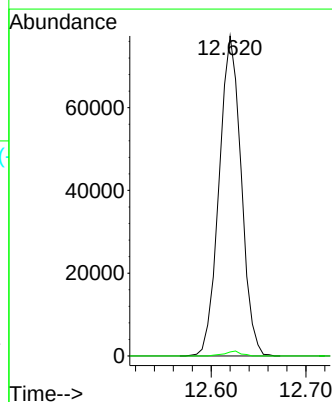
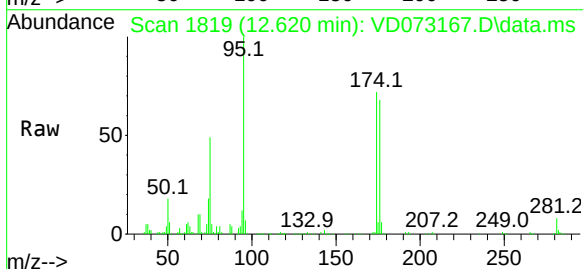
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0519SBL02

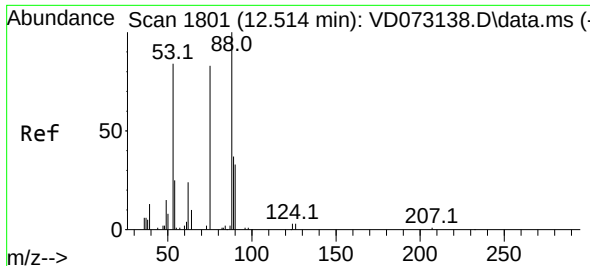
Tgt Ion:152 Resp: 259753
 Ion Ratio Lower Upper
 152 100
 115 60.0 31.3 93.8
 150 157.2 0.0 348.6



#76
 1,2,3-Trichloropropane
 Concen: 49.199 ug/l
 RT: 12.620 min Scan# 1819
 Delta R.T. -0.147 min
 Lab File: VD073167.D
 Acq: 20 May 2022 06:18

Tgt Ion: 75 Resp: 125390
 Ion Ratio Lower Upper
 75 100
 77 1.2 0.0 0.0#

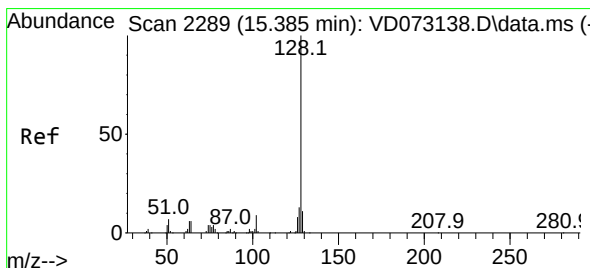
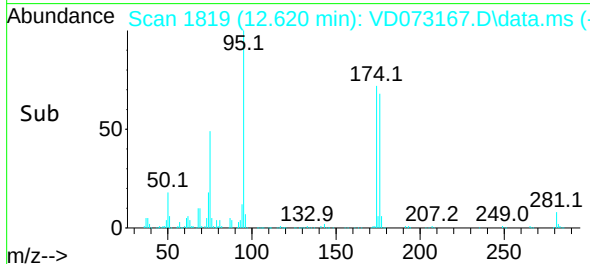
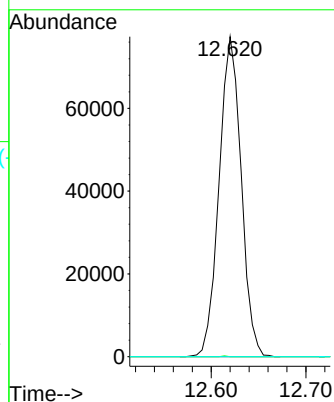
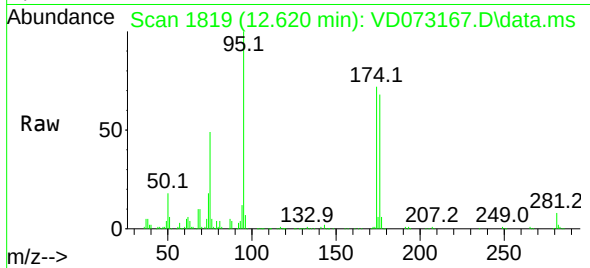




#81
trans-1,4-Dichloro-2-butene
Concen: 118.112 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.106 min
Lab File: VD073167.D
Acq: 20 May 2022 06:18

Instrument :
MSVOA_D
ClientSampleId :
VD0519SBL02

Tgt Ion: 75 Resp: 125390
Ion Ratio Lower Upper
75 100
53 0.0 86.5 129.7#
89 0.0 33.9 50.9#



#95
Naphthalene
Concen: 3.679 ug/l
RT: 15.373 min Scan# 2287
Delta R.T. -0.012 min
Lab File: VD073167.D
Acq: 20 May 2022 06:18

Tgt Ion: 128 Resp: 1260
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.4 12.6#

