

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051722\
 Data File : VD073059.D
 Acq On : 17 May 2022 16:14
 Operator : VA/SY
 Sample : VD0517SBL01
 Misc : 5.00 G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: May 18 03:20:52 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051722S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 17 13:03:08 2022
 Response via : Initial Calibration

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

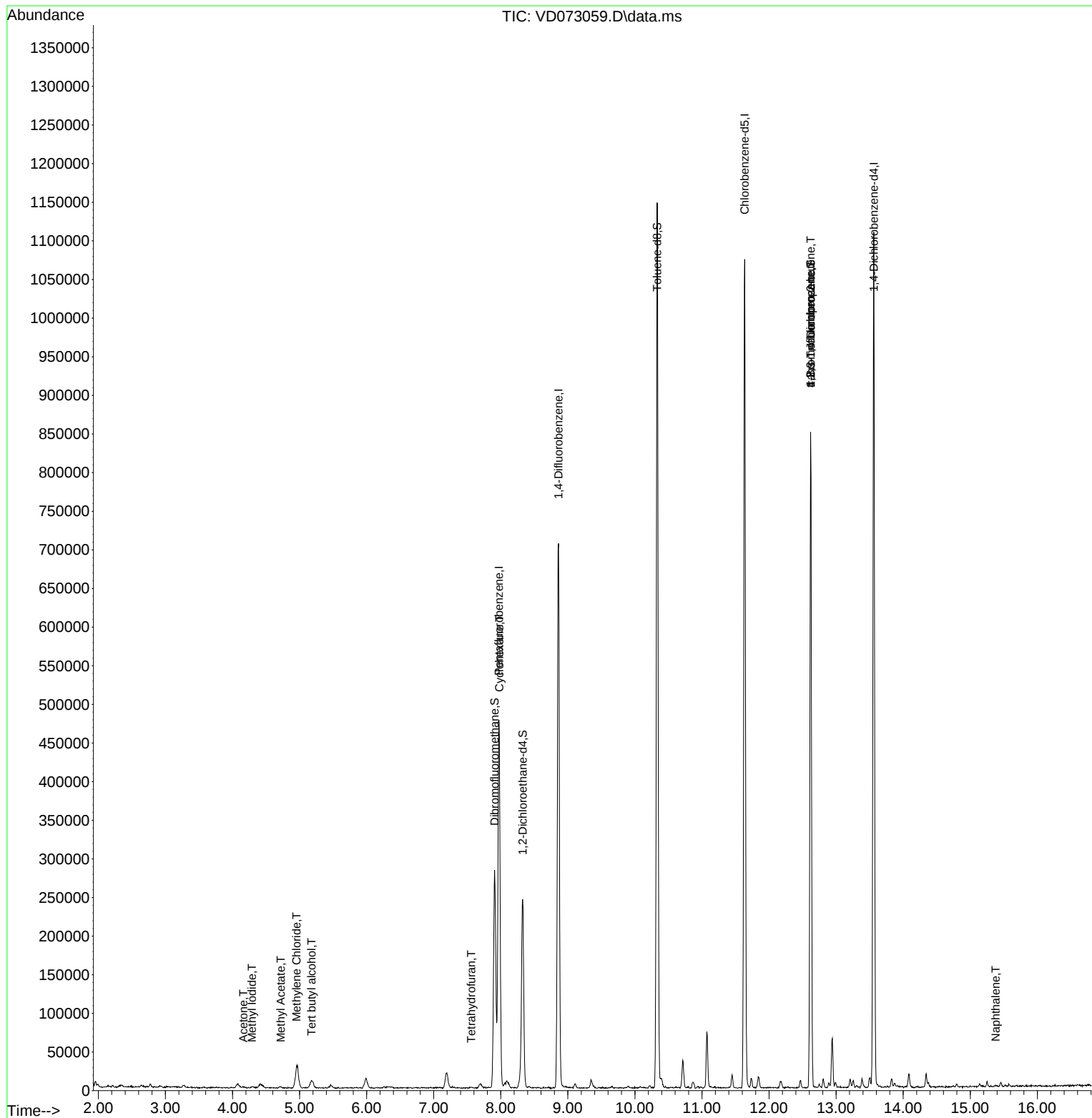
Internal Standards						
1) Pentafluorobenzene	7.973	168	341601	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	615603	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	619485	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	287228	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	192897	45.154	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	90.300%		
35) Dibromofluoromethane	7.908	113	203372	47.053	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	94.100%		
50) Toluene-d8	10.332	98	753788	48.073	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	96.140%		
62) 4-Bromofluorobenzene	12.620	95	278244	48.993	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	97.980%		
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.291	142	2634	4.751	ug/l #	39
11) Tert butyl alcohol	5.179	59	9065	13.719	ug/l #	74
16) Acetone	4.161	43	1994	2.579	ug/l #	89
18) Methyl Acetate	4.720	43	61	1.485	ug/l #	55
20) Methylene Chloride	4.956	84	23283	4.150	ug/l #	77
29) Tetrahydrofuran	7.561	42	816	1.083	ug/l #	45
31) Cyclohexane	7.979	56	10661	1.385	ug/l #	1
76) 1,2,3-Trichloropropane	12.620	75	143082	43.544	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.620	75	143082	105.662	ug/l #	7
95) Naphthalene	15.379	128	1652	4.395	ug/l #	90

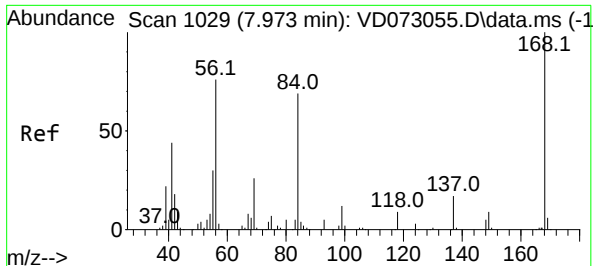
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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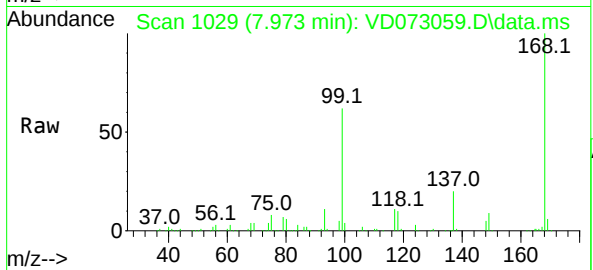
Quant Time: May 18 03:20:52 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051722S.M
Quant Title : SW846 8260
QLast Update : Tue May 17 13:03:08 2022
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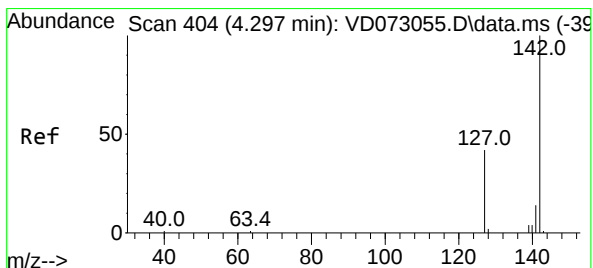
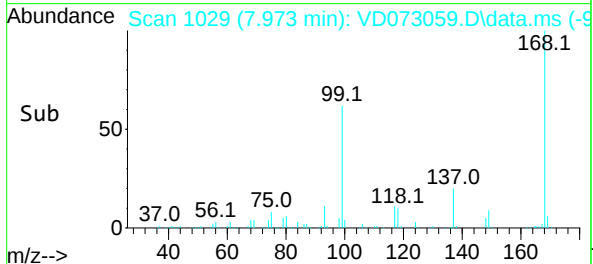
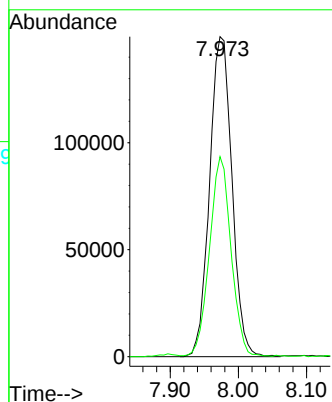


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD073059.D
Acq: 17 May 2022 16:14

Instrument :
MSVOA_D
ClientSampleId :

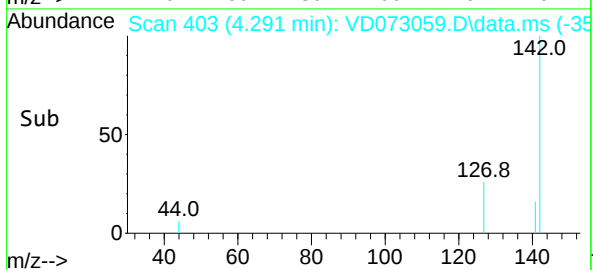
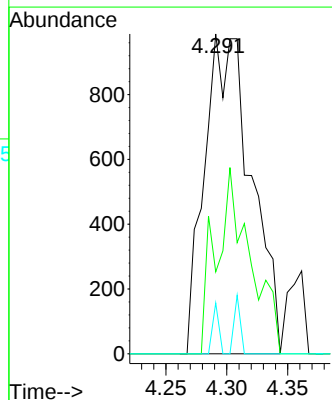
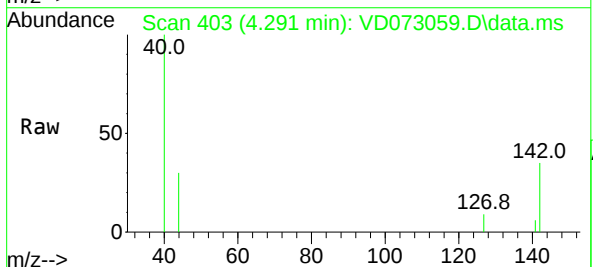


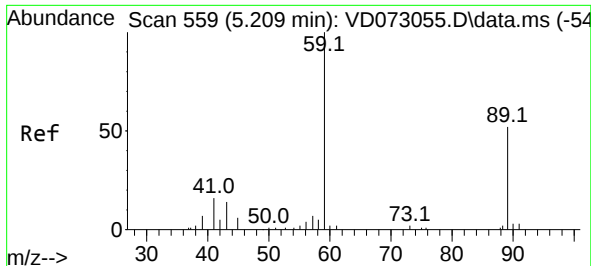
Tgt Ion:168 Resp: 341601
Ion Ratio Lower Upper
168 100
99 62.3 49.8 74.6



#10
Methyl Iodide
Concen: 4.751 ug/l
RT: 4.291 min Scan# 403
Delta R.T. -0.006 min
Lab File: VD073059.D
Acq: 17 May 2022 16:14

Tgt Ion:142 Resp: 2634
Ion Ratio Lower Upper
142 100
127 0.0 37.3 55.9#
141 2.1 11.7 17.5#





#11

Tert butyl alcohol

Concen: 13.719 ug/l

RT: 5.179 min Scan# 51

Delta R.T. -0.030 min

Lab File: VD073059.D

Acq: 17 May 2022 16:14

Instrument :

MSVOA_D

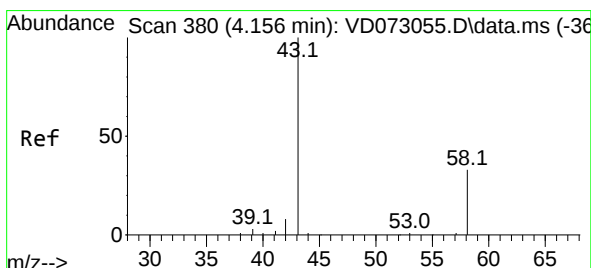
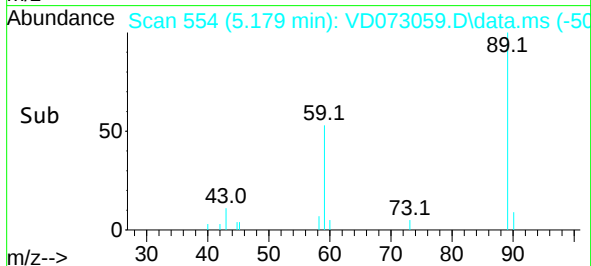
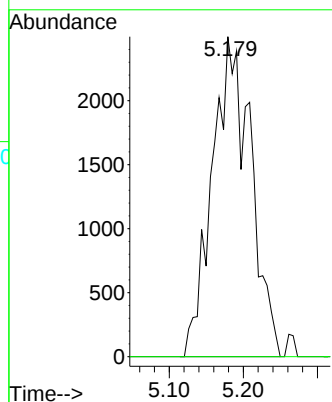
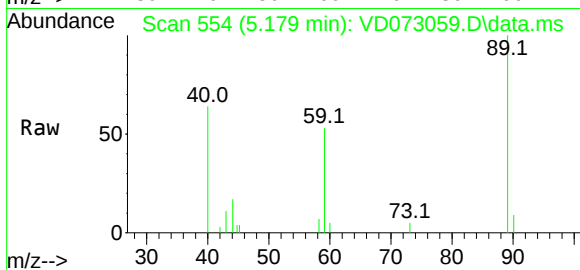
ClientSampleId :

Tgt Ion: 59 Resp: 9065

Ion Ratio Lower Upper

59 100

57 0.0 7.8 11.6#



#16

Acetone

Concen: 2.579 ug/l

RT: 4.161 min Scan# 381

Delta R.T. 0.005 min

Lab File: VD073059.D

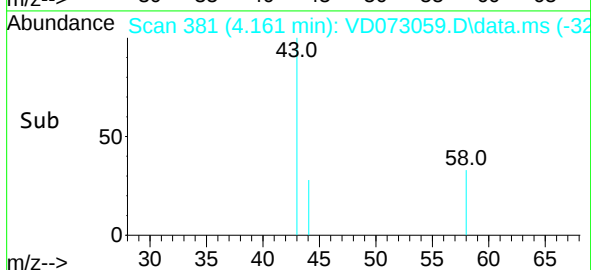
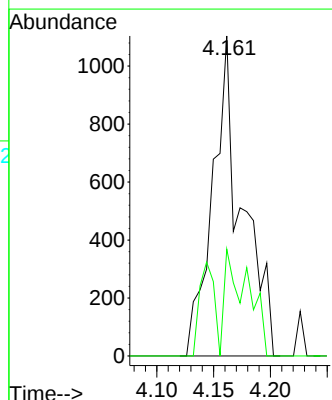
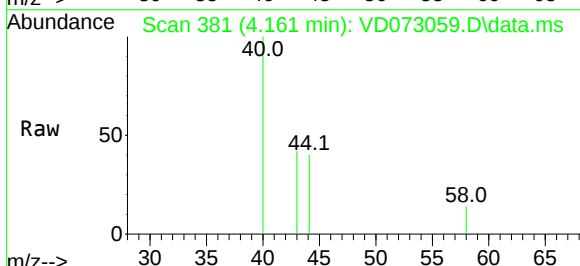
Acq: 17 May 2022 16:14

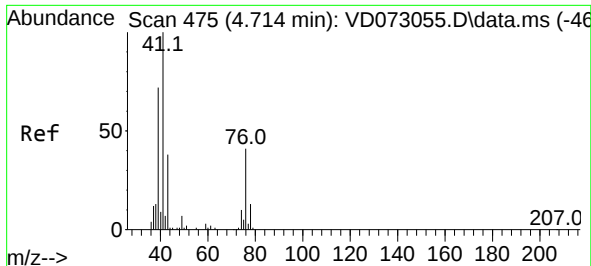
Tgt Ion: 43 Resp: 1994

Ion Ratio Lower Upper

43 100

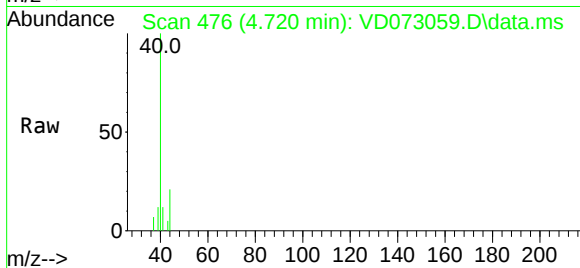
58 33.4 22.1 33.1#



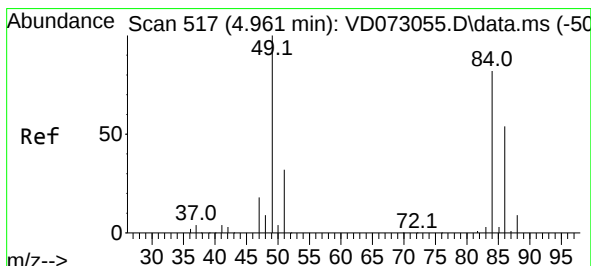
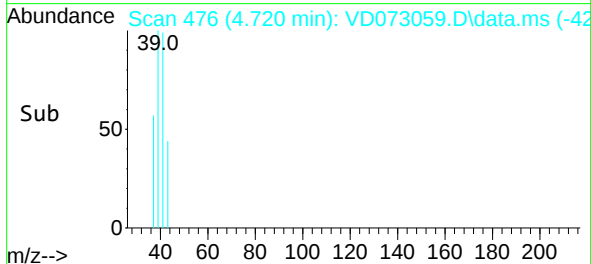
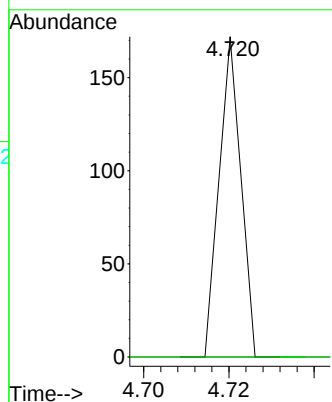


#18
Methyl Acetate
Concen: 1.485 ug/l
RT: 4.720 min Scan# 41
Delta R.T. 0.006 min
Lab File: VD073059.D
Acq: 17 May 2022 16:14

Instrument :
MSVOA_D
ClientSampleId :

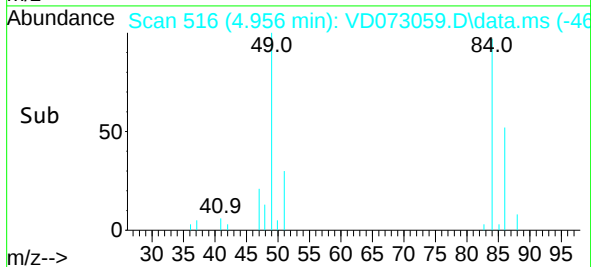
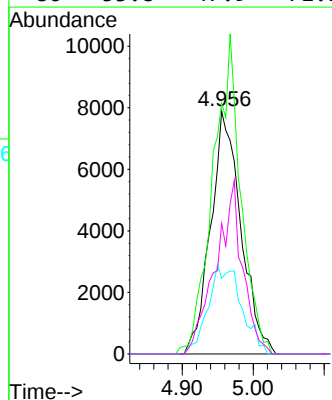
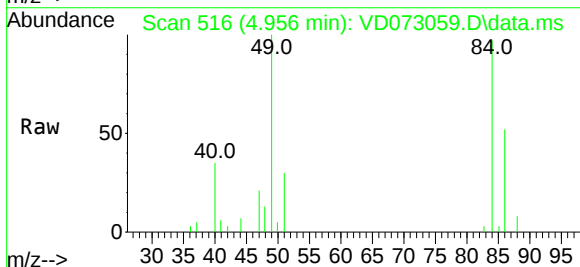


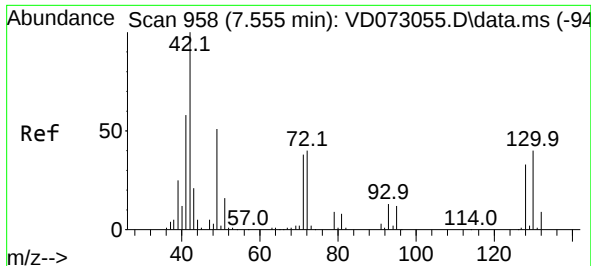
Tgt Ion: 43 Resp: 61
Ion Ratio Lower Upper
43 100
74 0.0 16.7 25.1#



#20
Methylene Chloride
Concen: 4.150 ug/l
RT: 4.956 min Scan# 516
Delta R.T. -0.005 min
Lab File: VD073059.D
Acq: 17 May 2022 16:14

Tgt Ion: 84 Resp: 23283
Ion Ratio Lower Upper
84 100
49 103.2 112.8 169.2#
51 31.2 32.6 48.8#
86 53.8 47.9 71.9





#29

Tetrahydrofuran

Concen: 1.083 ug/l

RT: 7.561 min Scan# 91

Delta R.T. 0.006 min

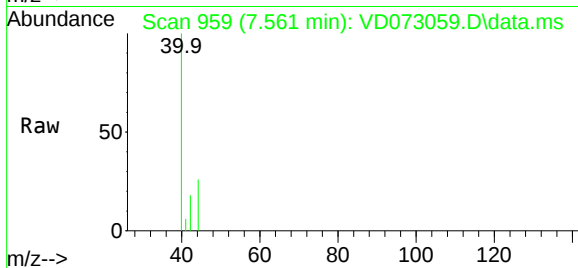
Lab File: VD073059.D

Acq: 17 May 2022 16:14

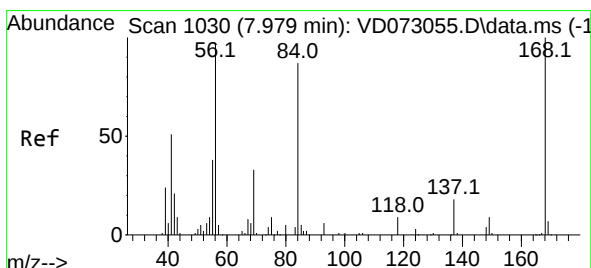
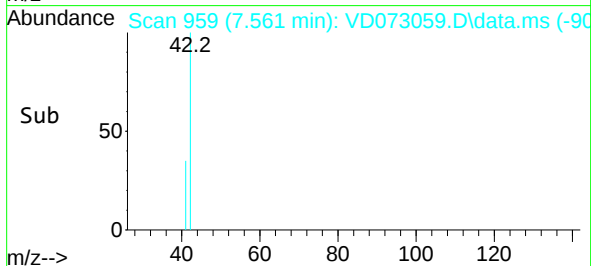
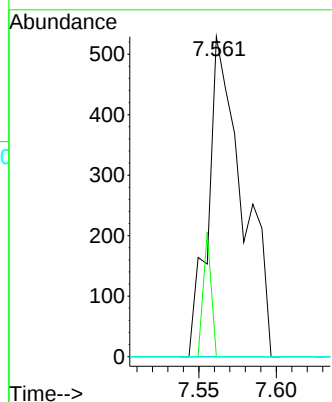
Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion:	42	Resp:	816
Ion Ratio	Lower	Upper	
42	100		
72	8.9	30.7	46.1#
71	0.0	28.6	43.0#



#31

Cyclohexane

Concen: 1.385 ug/l

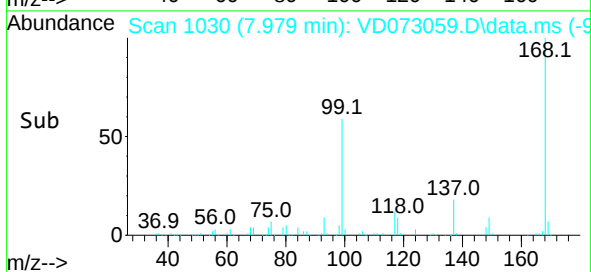
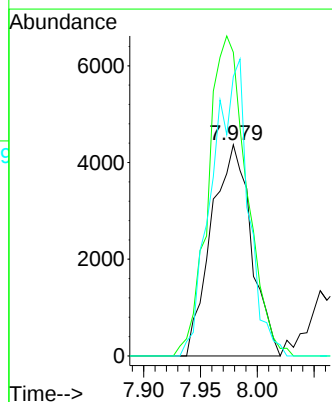
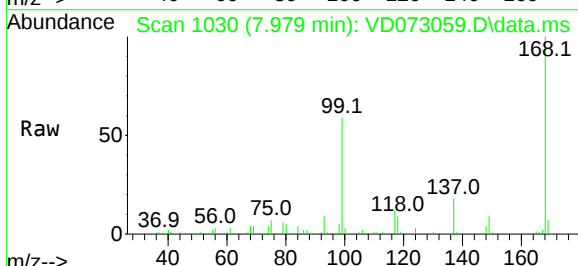
RT: 7.979 min Scan# 1030

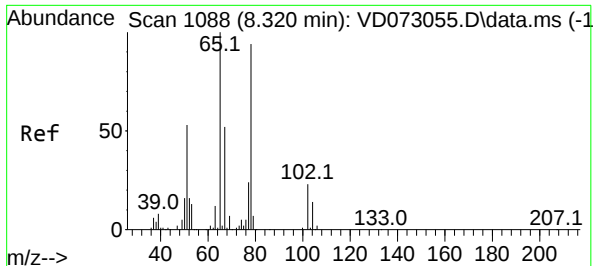
Delta R.T. -0.000 min

Lab File: VD073059.D

Acq: 17 May 2022 16:14

Tgt Ion:	56	Resp:	10661
Ion Ratio	Lower	Upper	
56	100		
69	140.2	25.4	38.2#
84	132.2	63.0	94.4#





#33

1,2-Dichloroethane-d4

Concen: 45.154 ug/l

RT: 8.326 min Scan# 1108

Delta R.T. 0.006 min

Lab File: VD073059.D

Acq: 17 May 2022 16:14

Instrument :

MSVOA_D

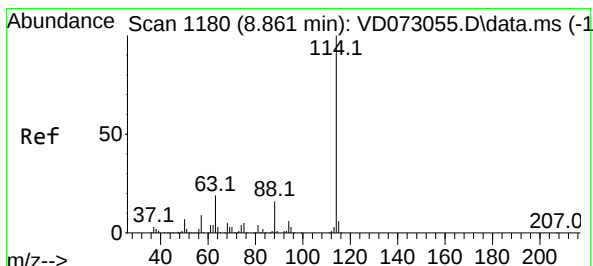
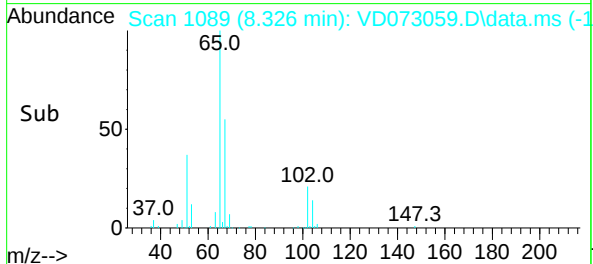
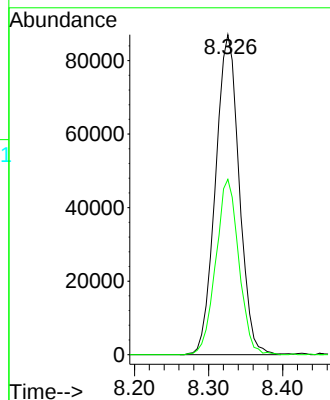
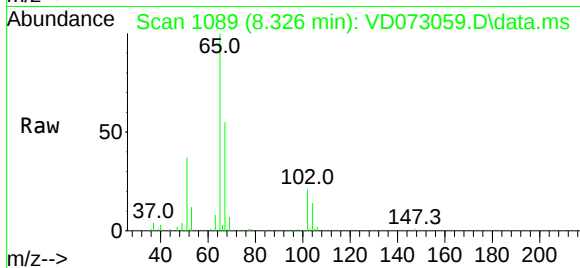
ClientSampleId :

Tgt Ion: 65 Resp: 192897

Ion Ratio Lower Upper

65 100

67 53.5 0.0 101.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. 0.000 min

Lab File: VD073059.D

Acq: 17 May 2022 16:14

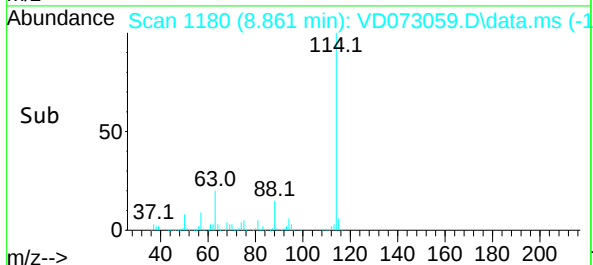
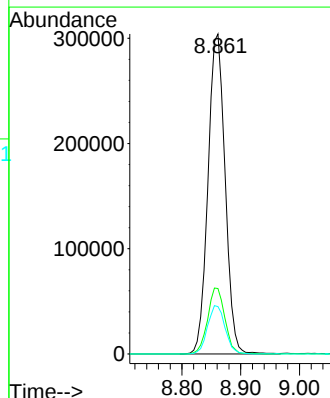
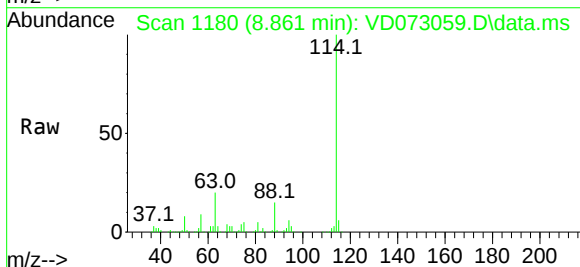
Tgt Ion: 114 Resp: 615603

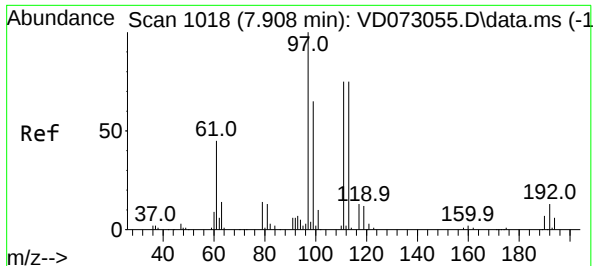
Ion Ratio Lower Upper

114 100

63 20.4 0.0 46.6

88 14.8 0.0 33.2





#35

Dibromofluoromethane

Concen: 47.053 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. 0.000 min

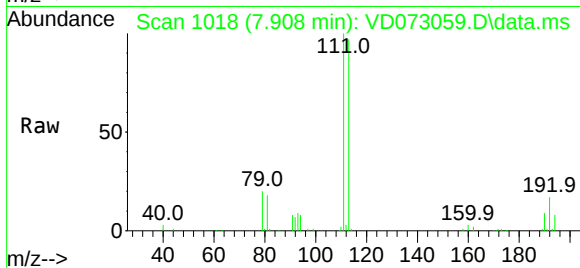
Lab File: VD073059.D

Acq: 17 May 2022 16:14

Instrument :

MSVOA_D

ClientSampleId :



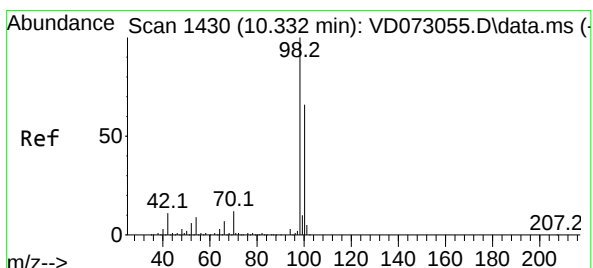
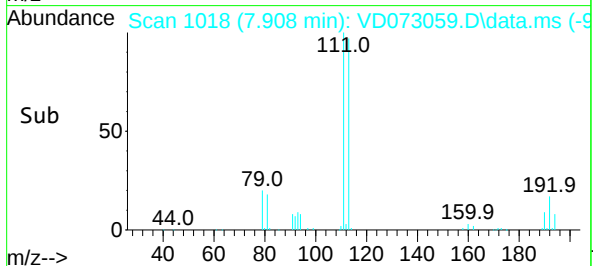
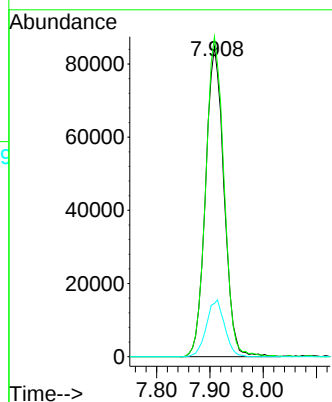
Tgt Ion:113 Resp: 203372

Ion Ratio Lower Upper

113 100

111 102.5 83.8 125.6

192 18.2 14.6 21.8



#50

Toluene-d8

Concen: 48.073 ug/l

RT: 10.332 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VD073059.D

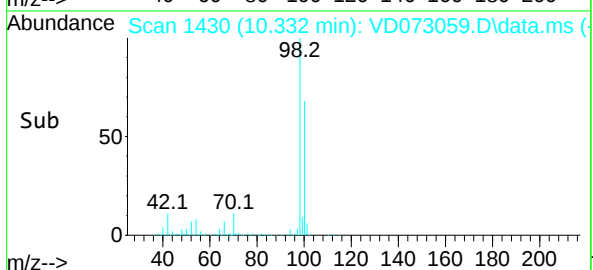
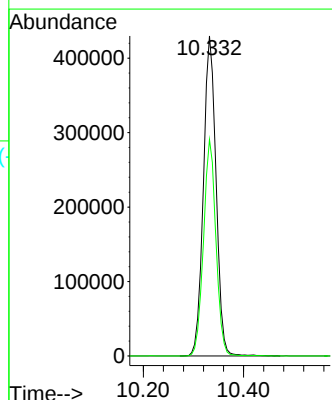
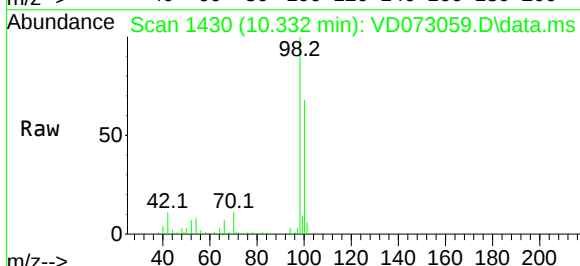
Acq: 17 May 2022 16:14

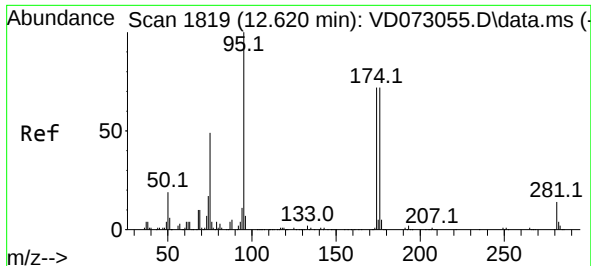
Tgt Ion: 98 Resp: 753788

Ion Ratio Lower Upper

98 100

100 66.5 52.4 78.6

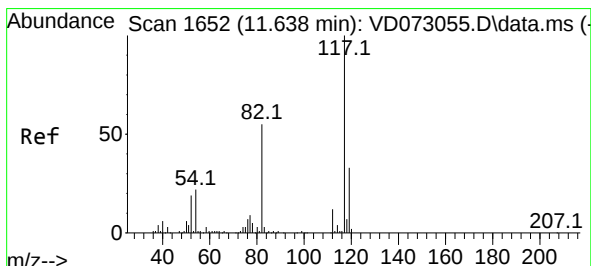
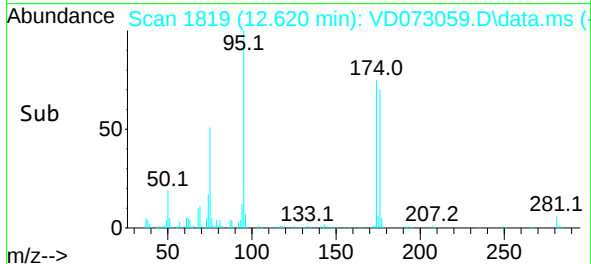
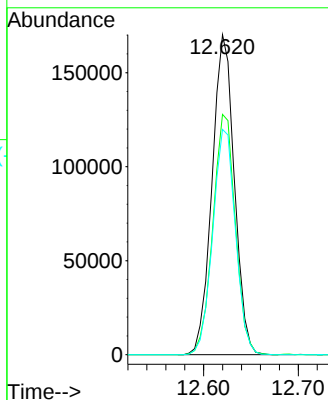
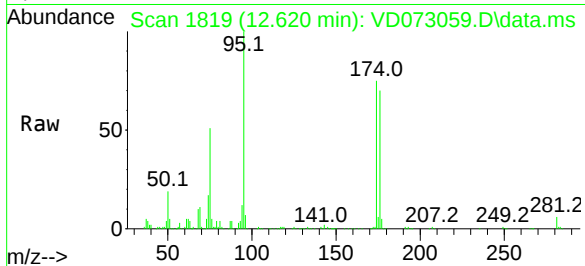




#62
4-Bromofluorobenzene
Concen: 48.993 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD073059.D
Acq: 17 May 2022 16:14

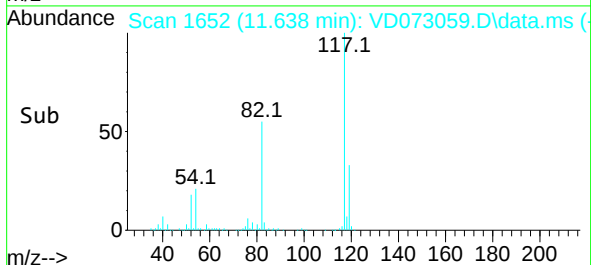
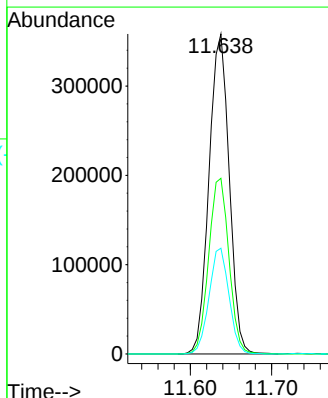
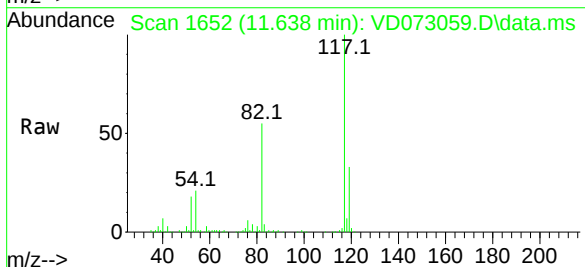
Instrument :
MSVOA_D
ClientSampleId :

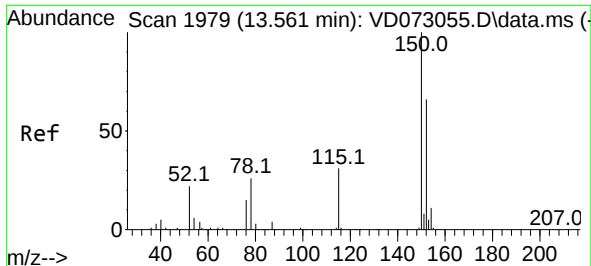
Tgt Ion: 95 Resp: 278244
Ion Ratio Lower Upper
95 100
174 75.7 0.0 152.8
176 71.8 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD073059.D
Acq: 17 May 2022 16:14

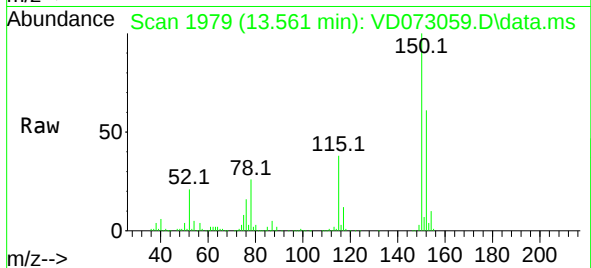
Tgt Ion: 117 Resp: 619485
Ion Ratio Lower Upper
117 100
82 54.9 45.3 67.9
119 33.0 26.6 40.0



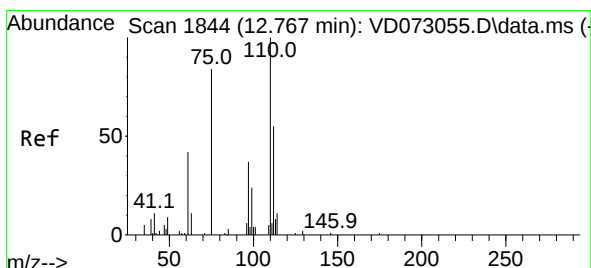
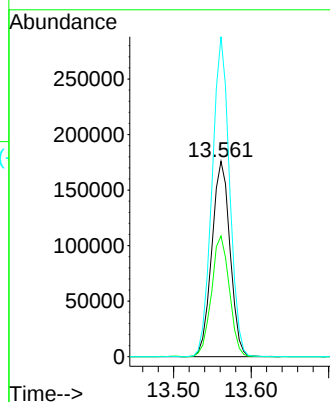
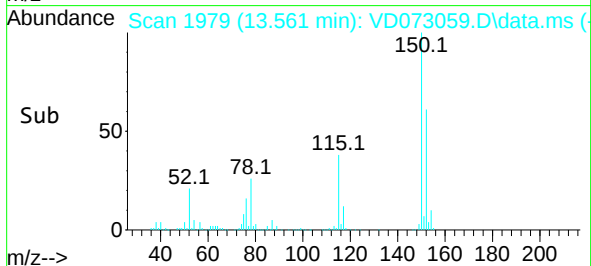


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.561 min Scan# 1819
 Delta R.T. -0.000 min
 Lab File: VD073059.D
 Acq: 17 May 2022 16:14

Instrument :
 MSVOA_D
 ClientSampleId :

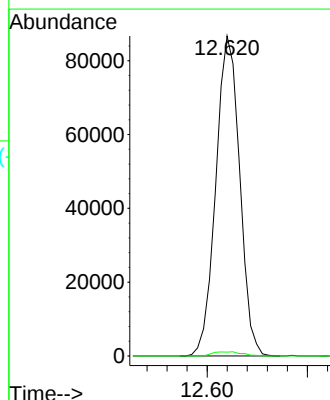
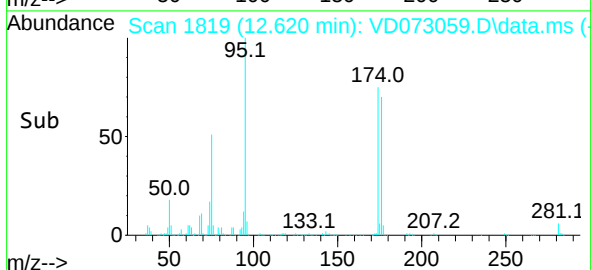
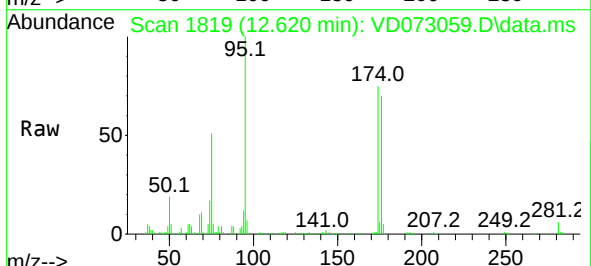


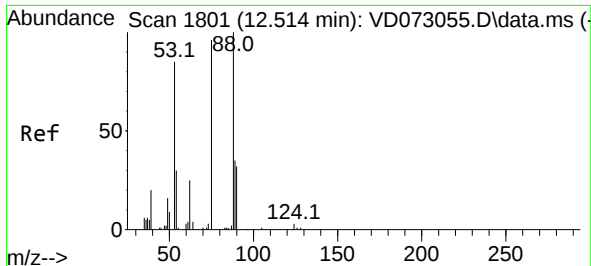
Tgt Ion:152 Resp: 287228
 Ion Ratio Lower Upper
 152 100
 115 60.6 31.3 93.8
 150 157.1 0.0 348.6



#76
 1,2,3-Trichloropropane
 Concen: 43.544 ug/l
 RT: 12.620 min Scan# 1819
 Delta R.T. -0.147 min
 Lab File: VD073059.D
 Acq: 17 May 2022 16:14

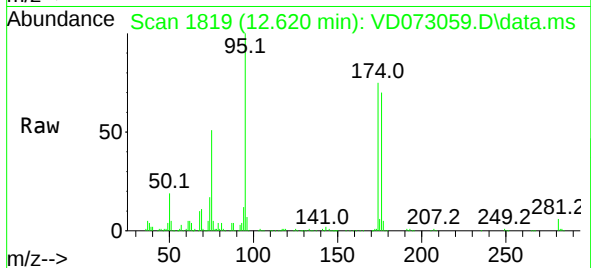
Tgt Ion: 75 Resp: 143082
 Ion Ratio Lower Upper
 75 100
 77 1.6 0.0 0.0#



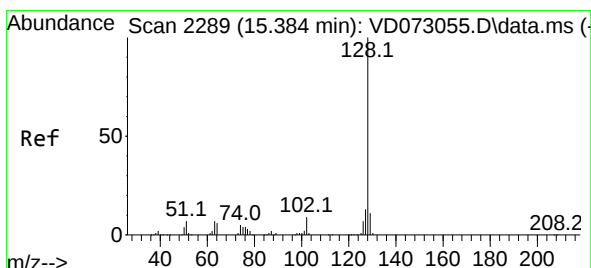
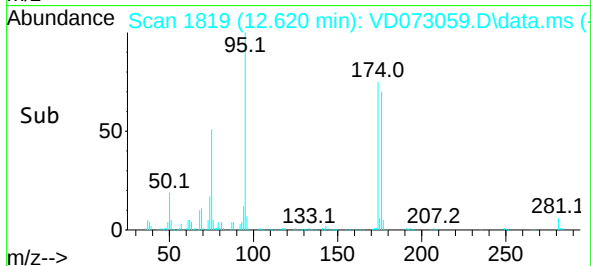
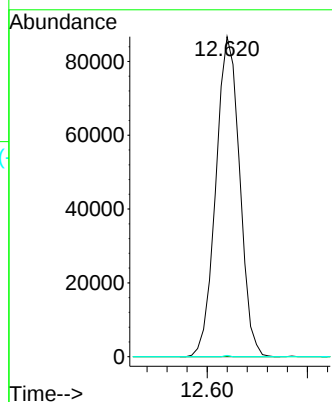


#81
trans-1,4-Dichloro-2-butene
Concen: 105.662 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.106 min
Lab File: VD073059.D
Acq: 17 May 2022 16:14

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion: 75 Resp: 143082
Ion Ratio Lower Upper
75 100
53 0.1 86.5 129.7#
89 0.1 33.9 50.9#



#95
Naphthalene
Concen: 4.395 ug/l
RT: 15.379 min Scan# 2288
Delta R.T. -0.005 min
Lab File: VD073059.D
Acq: 17 May 2022 16:14

Tgt Ion: 128 Resp: 1652
Ion Ratio Lower Upper
128 100
127 15.9 10.3 15.5#
129 5.5 8.4 12.6#

