

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051922\
 Data File : VD073144.D
 Acq On : 19 May 2022 17:54
 Operator : VA/SY
 Sample : VD0519SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0519SBL01

Quant Time: May 20 01:49:22 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)

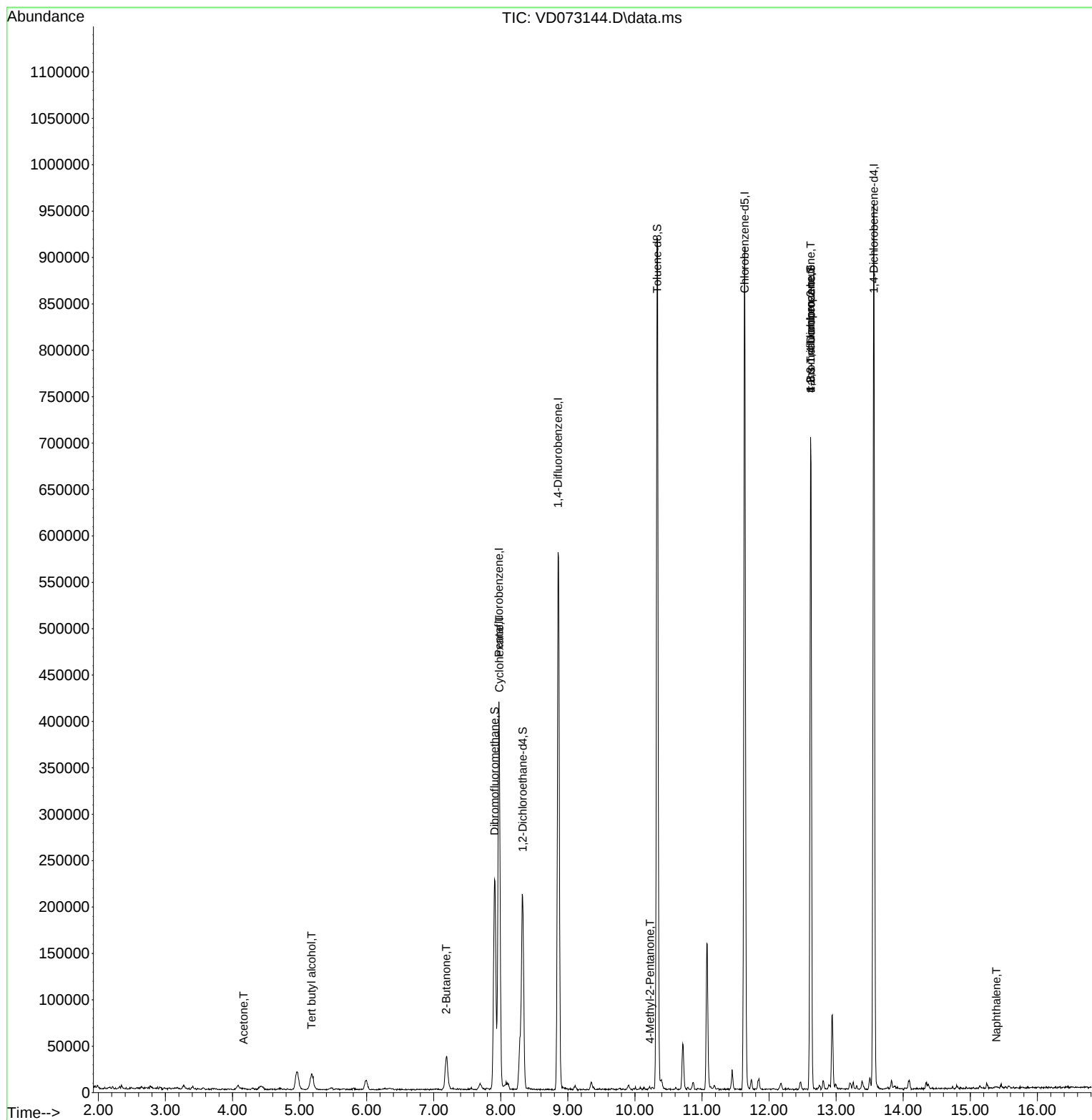
Internal Standards						
1) Pentafluorobenzene	7.973	168	287858	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	496576	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	519710	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	240948	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	166849	52.448	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 104.900%	
35) Dibromofluoromethane	7.908	113	169577	51.752	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 103.500%	
50) Toluene-d8	10.332	98	618338	51.192	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 102.380%	
62) 4-Bromofluorobenzene	12.620	95	232903	54.943	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 109.880%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.779	94	2284	Below Cal	#	55
11) Tert butyl alcohol	5.179	59	15193	30.782	ug/l #	74
13) Acrolein	3.938	56	55	Below Cal	#	14
16) Acetone	4.167	43	2158	3.916	ug/l #	84
25) 2-Butanone	7.185	43	2434	3.019	ug/l #	52
31) Cyclohexane	7.979	56	8922	1.605	ug/l #	8
51) 4-Methyl-2-Pentanone	10.226	43	2294	1.228	ug/l	90
76) 1,2,3-Trichloropropane	12.620	75	116415	49.242	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.620	75	116415	118.216	ug/l #	7
95) Naphthalene	15.390	128	1562	3.726	ug/l #	84

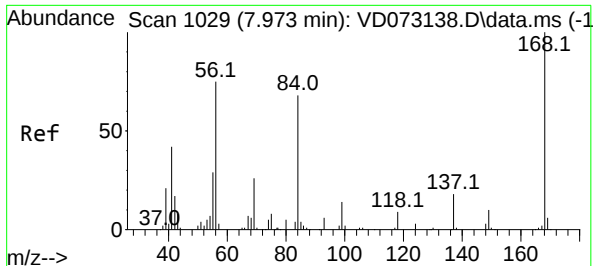
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051922\
Data File : VD073144.D
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Misc : 5.00G/5.00ml/MSVOA_D/SOIL
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MSVOA_D
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VD0519SBL01

Quant Time: May 20 01:49:22 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

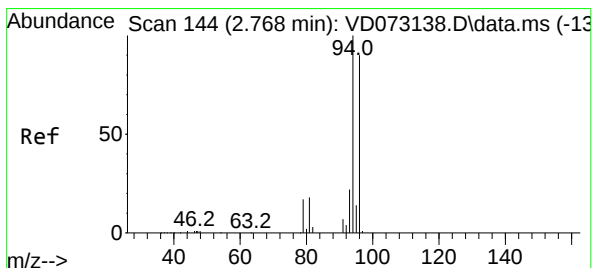
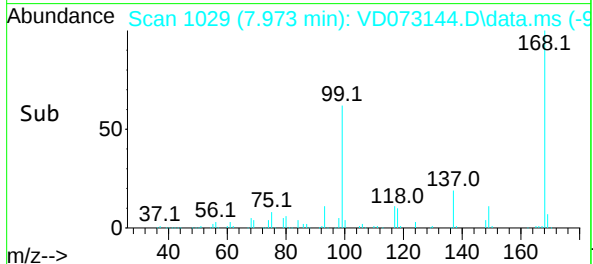
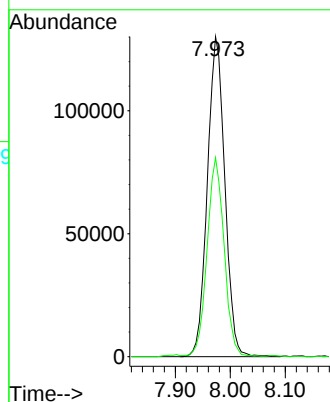
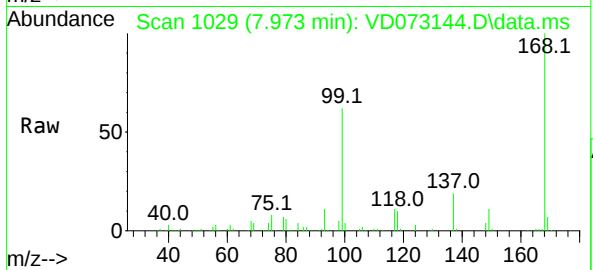




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD073144.D
Acq: 19 May 2022 17:54

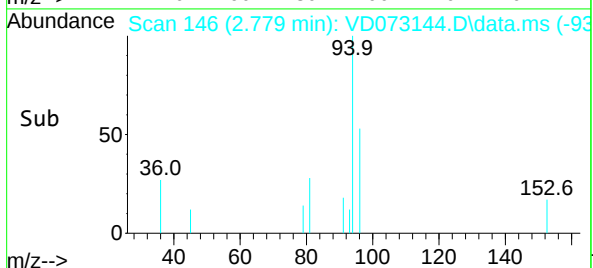
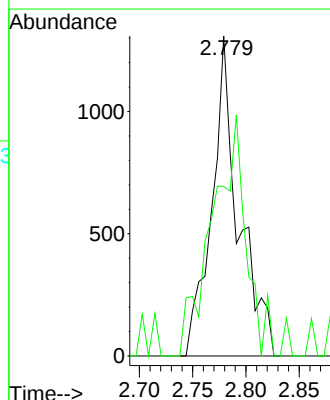
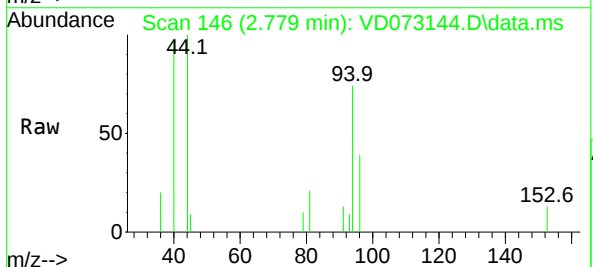
Instrument :
MSVOA_D
ClientSampleId :
VD0519SBL01

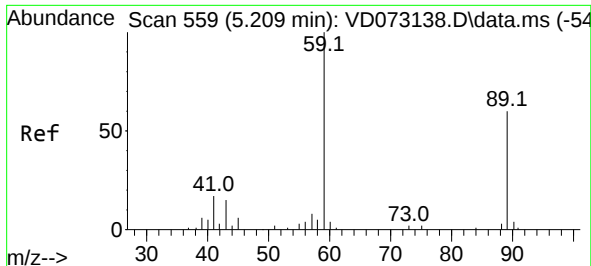
Tgt Ion:168 Resp: 287858
Ion Ratio Lower Upper
168 100
99 61.9 49.8 74.6



#5
Bromomethane
Concen: Below Cal
RT: 2.779 min Scan# 146
Delta R.T. 0.011 min
Lab File: VD073144.D
Acq: 19 May 2022 17:54

Tgt Ion: 94 Resp: 2284
Ion Ratio Lower Upper
94 100
96 53.0 77.6 116.4#





#11

Tert butyl alcohol

Concen: 30.782 ug/l

RT: 5.179 min Scan# 51

Delta R.T. -0.030 min

Lab File: VD073144.D

Acq: 19 May 2022 17:54

Instrument :

MSVOA_D

ClientSampleId :

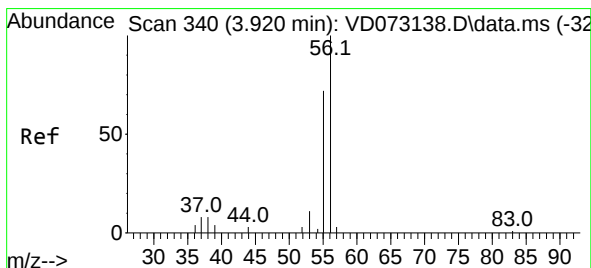
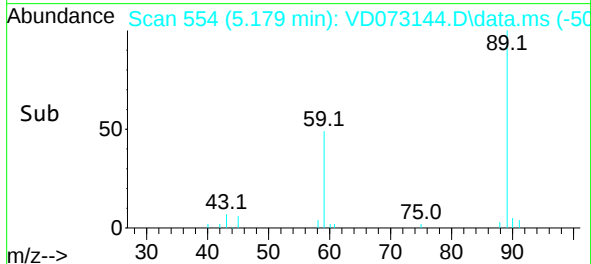
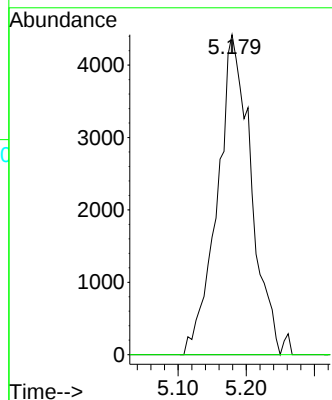
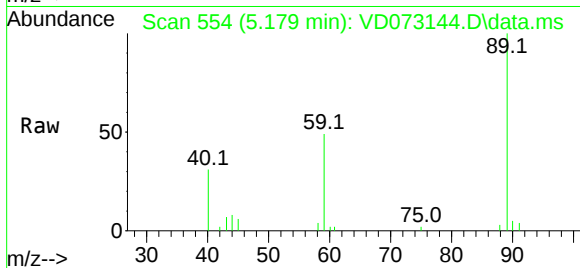
VD0519SBL01

Tgt Ion: 59 Resp: 15193

Ion Ratio Lower Upper

59 100

57 0.0 7.8 11.6#



#13

Acrolein

Concen: Below Cal

RT: 3.938 min Scan# 343

Delta R.T. 0.018 min

Lab File: VD073144.D

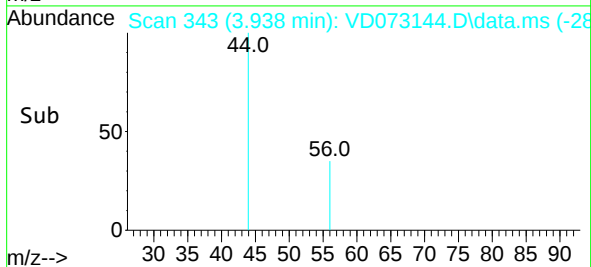
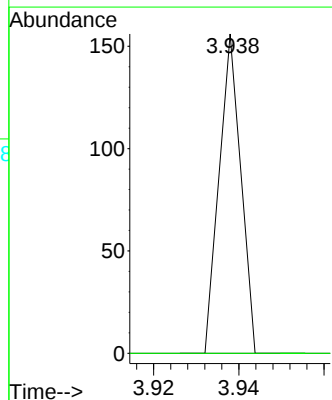
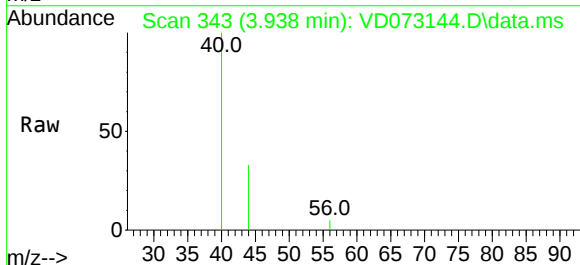
Acq: 19 May 2022 17:54

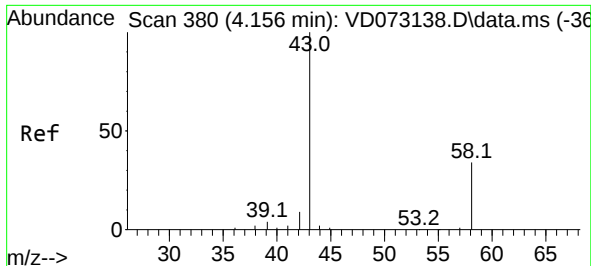
Tgt Ion: 56 Resp: 55

Ion Ratio Lower Upper

56 100

55 0.0 57.1 85.7#

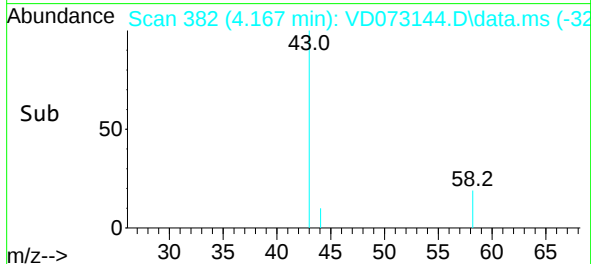
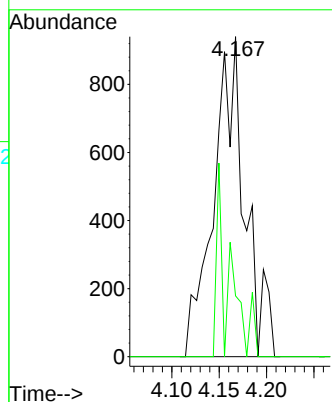
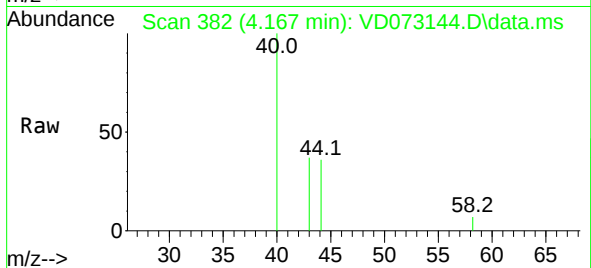




#16
Acetone
Concen: 3.916 ug/l
RT: 4.167 min Scan# 31
Delta R.T. 0.011 min
Lab File: VD073144.D
Acq: 19 May 2022 17:54

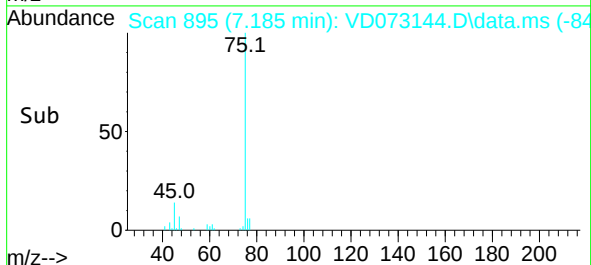
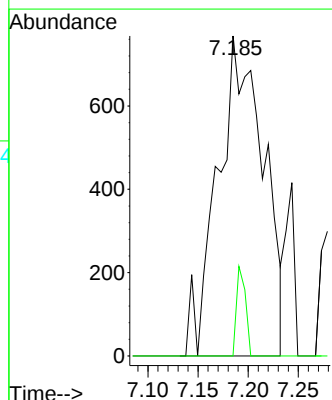
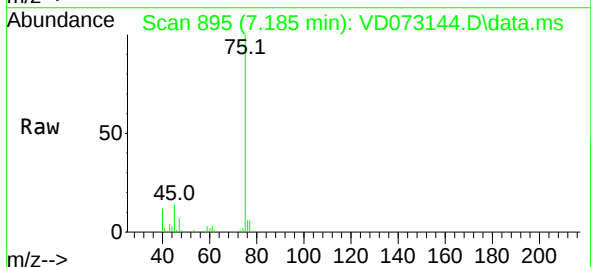
Instrument :
MSVOA_D
ClientSampleId :
VD0519SBL01

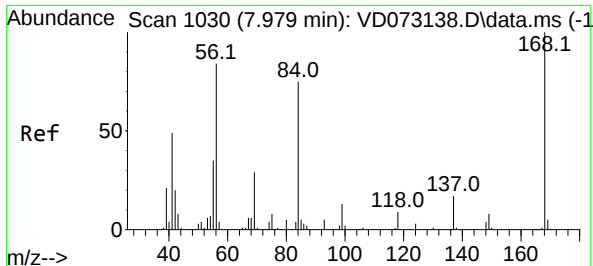
Tgt Ion: 43 Resp: 2158
Ion Ratio Lower Upper
43 100
58 19.0 22.1 33.1#



#25
2-Butanone
Concen: 3.019 ug/l
RT: 7.185 min Scan# 895
Delta R.T. -0.023 min
Lab File: VD073144.D
Acq: 19 May 2022 17:54

Tgt Ion: 43 Resp: 2434
Ion Ratio Lower Upper
43 100
72 0.0 18.6 27.8#





#31

Cyclohexane

Concen: 1.605 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. -0.000 min

Lab File: VD073144.D

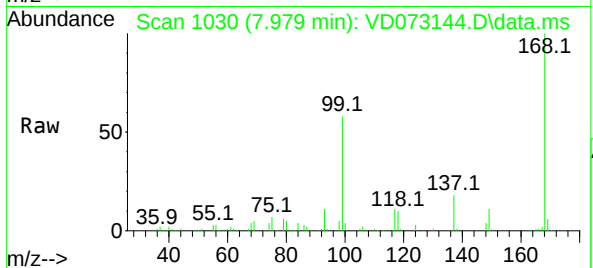
Acq: 19 May 2022 17:54

Instrument :

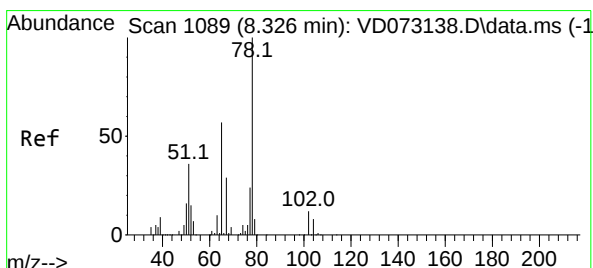
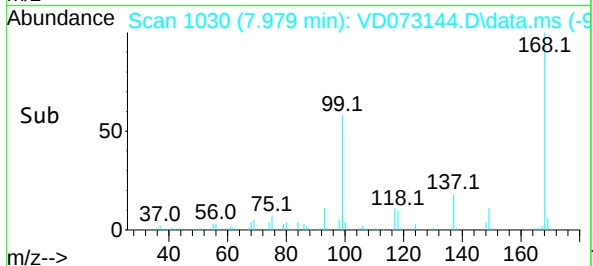
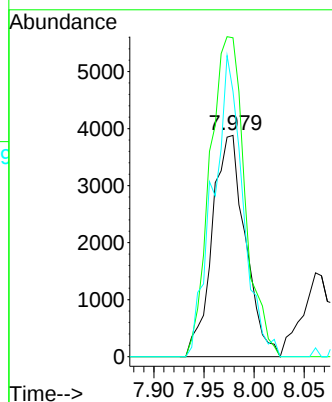
MSVOA_D

ClientSampleId :

VD0519SBL01



Tgt Ion:	56	Resp:	8922
Ion Ratio	100	Lower	Upper
56	100		
69	144.1	25.4	38.2#
84	119.9	63.0	94.4#



#33

1,2-Dichloroethane-d4

Concen: 52.448 ug/l

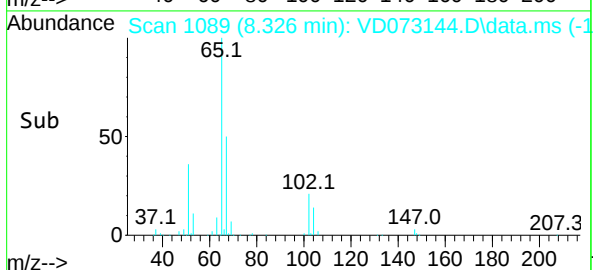
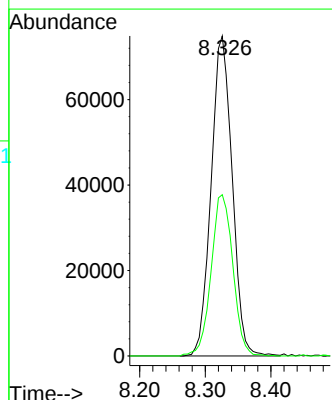
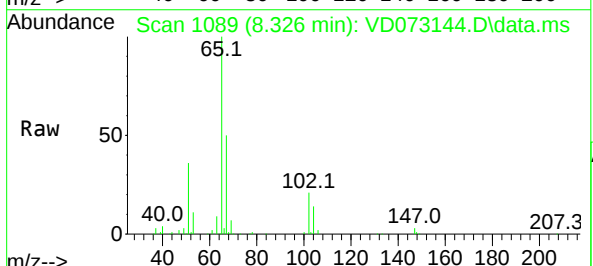
RT: 8.326 min Scan# 1089

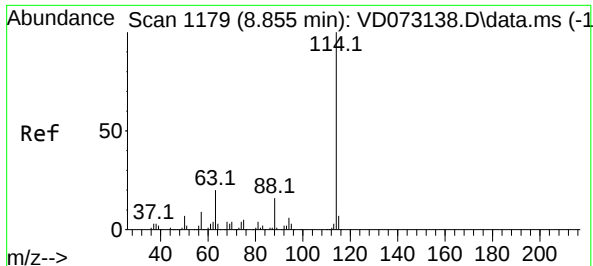
Delta R.T. -0.000 min

Lab File: VD073144.D

Acq: 19 May 2022 17:54

Tgt Ion:	65	Resp:	166849
Ion Ratio	100	Lower	Upper
65	100		
67	52.1	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: VD073144.D

Acq: 19 May 2022 17:54

Instrument :

MSVOA_D

ClientSampleId :

VD0519SBL01

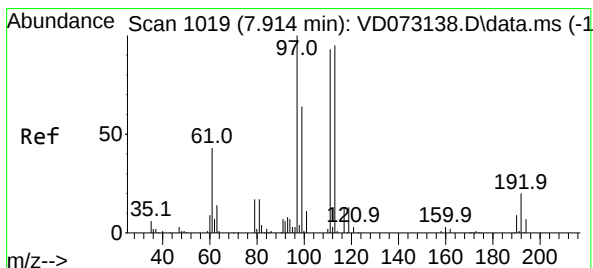
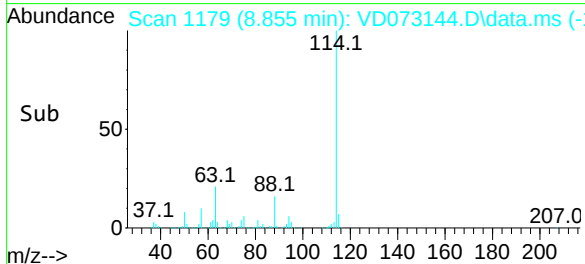
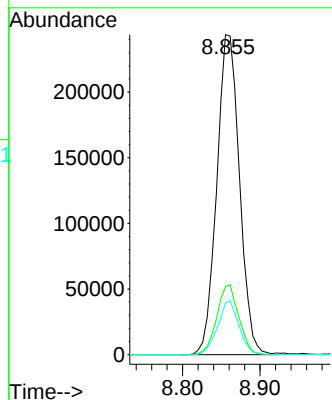
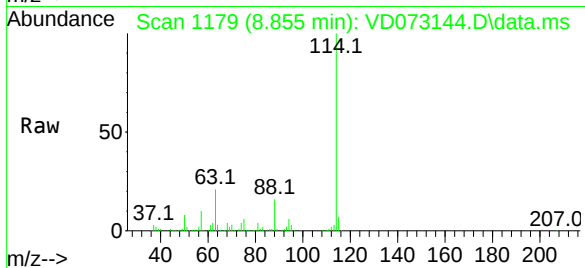
Tgt Ion:114 Resp: 496576

Ion Ratio Lower Upper

114 100

63 21.2 0.0 46.6

88 16.1 0.0 33.2



#35

Dibromofluoromethane

Concen: 51.752 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. -0.006 min

Lab File: VD073144.D

Acq: 19 May 2022 17:54

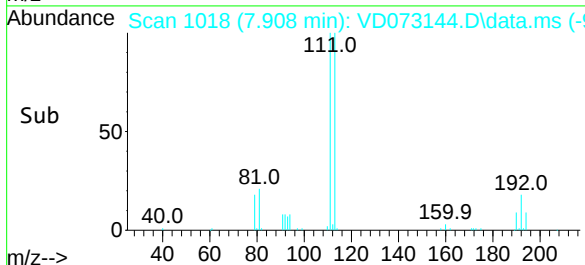
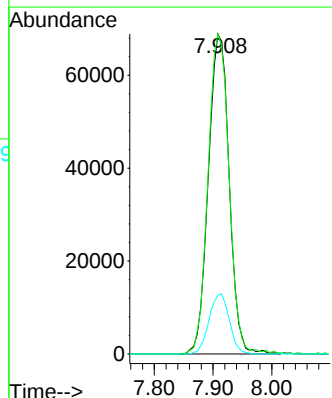
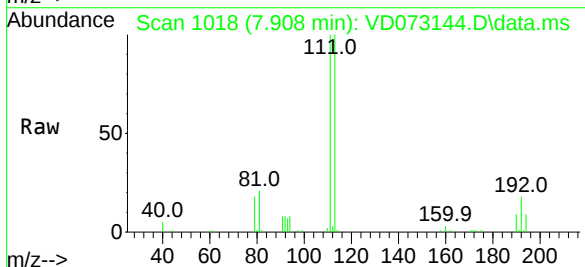
Tgt Ion:113 Resp: 169577

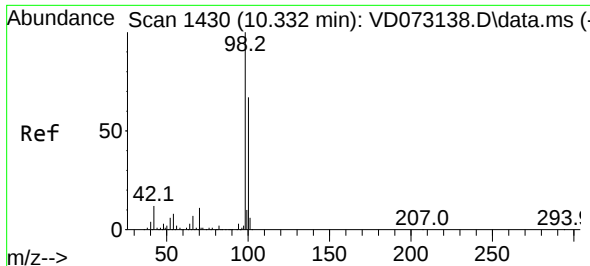
Ion Ratio Lower Upper

113 100

111 100.8 83.8 125.6

192 18.3 14.6 21.8

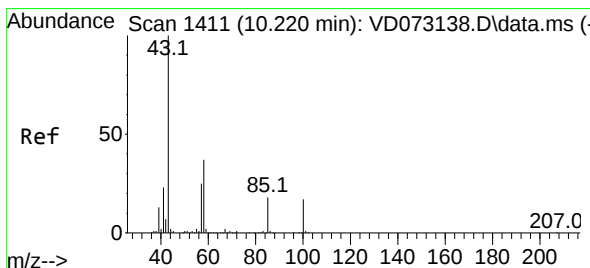
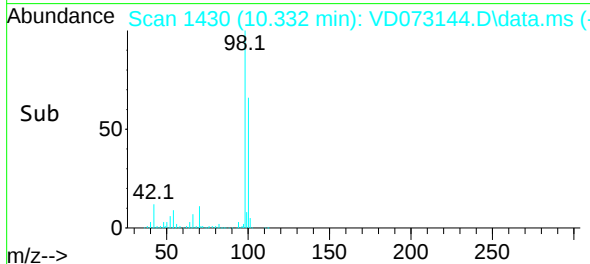
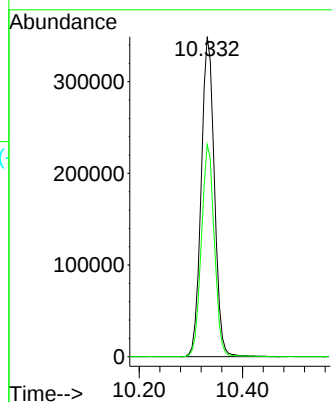
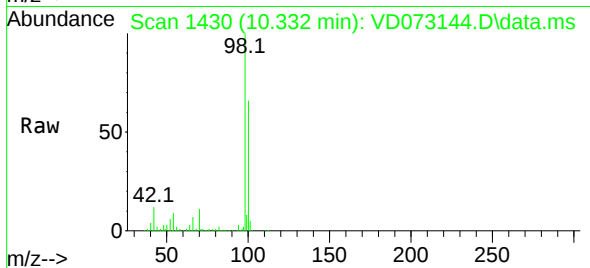




#50
Toluene-d8
Concen: 51.192 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073144.D
Acq: 19 May 2022 17:54

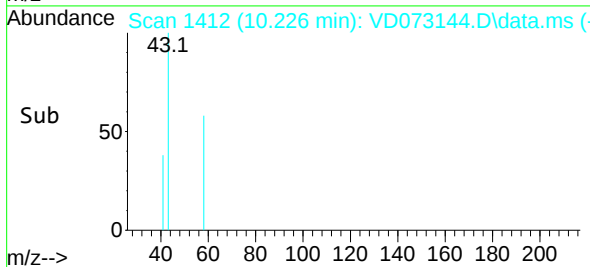
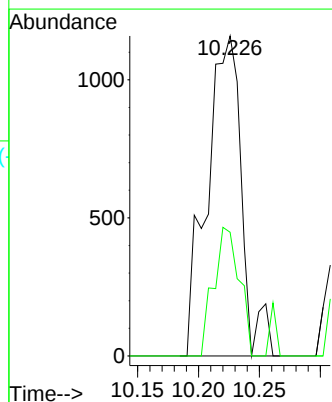
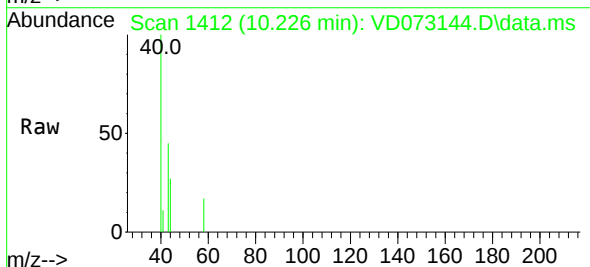
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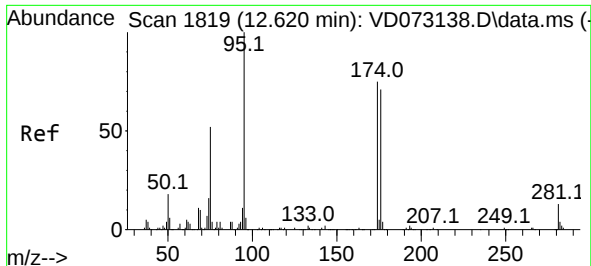
Tgt Ion: 98 Resp: 618338
Ion Ratio Lower Upper
98 100
100 65.3 52.4 78.6



#51
4-Methyl-2-Pentanone
Concen: 1.228 ug/l
RT: 10.226 min Scan# 1412
Delta R.T. 0.006 min
Lab File: VD073144.D
Acq: 19 May 2022 17:54

Tgt Ion: 43 Resp: 2294
Ion Ratio Lower Upper
43 100
58 29.8 28.6 43.0

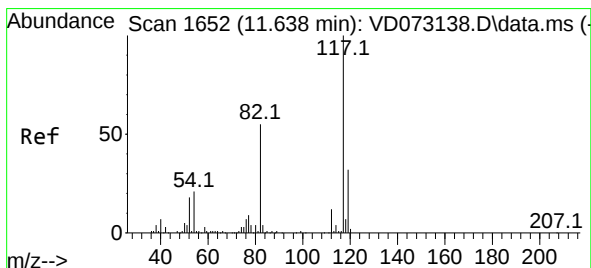
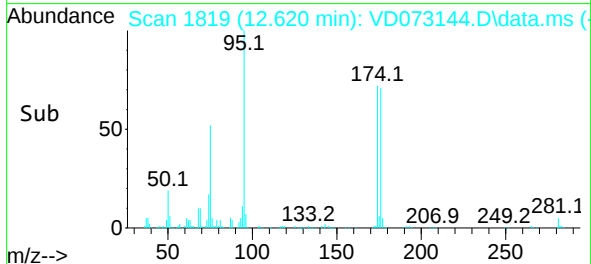
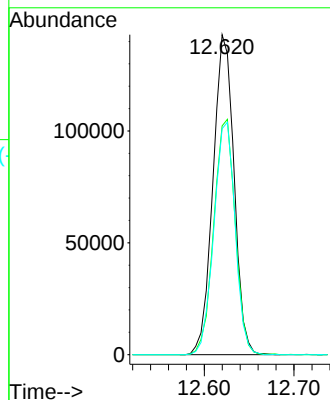
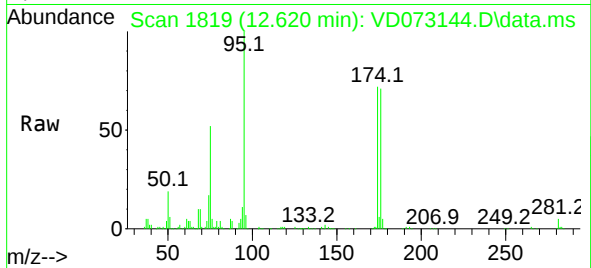




#62
4-Bromofluorobenzene
Concen: 54.943 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD073144.D
Acq: 19 May 2022 17:54

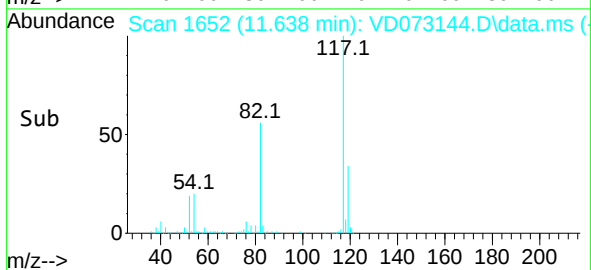
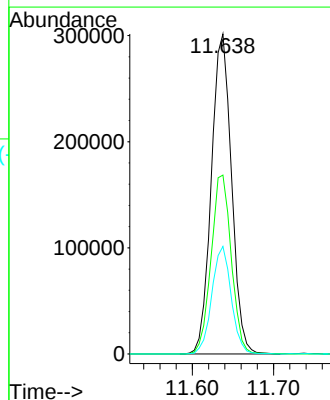
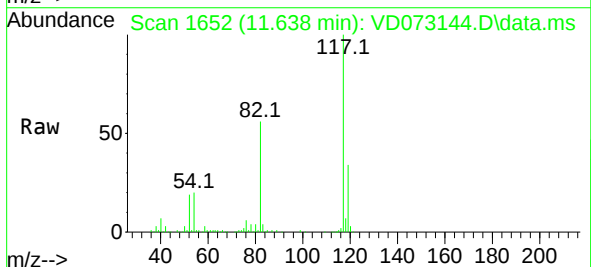
Instrument :
MSVOA_D
ClientSampleId :
VD0519SBL01

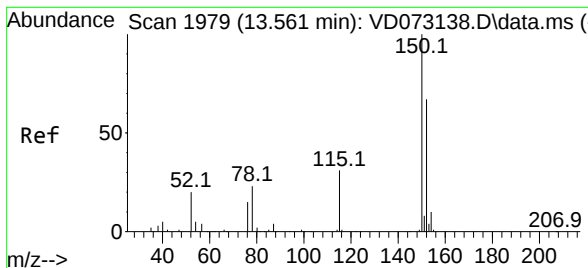
Tgt Ion: 95 Resp: 232903
Ion Ratio Lower Upper
95 100
174 74.9 0.0 152.8
176 73.3 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD073144.D
Acq: 19 May 2022 17:54

Tgt Ion: 117 Resp: 519710
Ion Ratio Lower Upper
117 100
82 55.9 45.3 67.9
119 33.6 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: VD073144.D

Acq: 19 May 2022 17:54

Instrument :

MSVOA_D

ClientSampleId :

VD0519SBL01

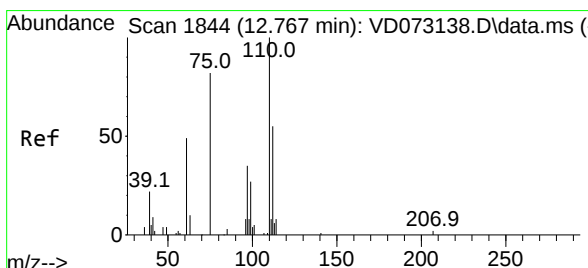
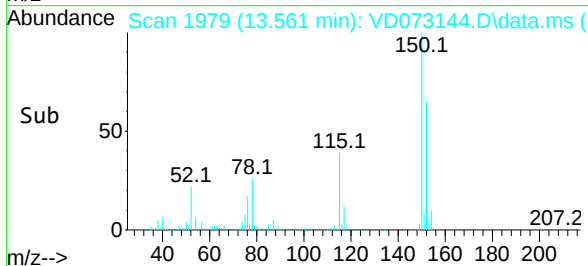
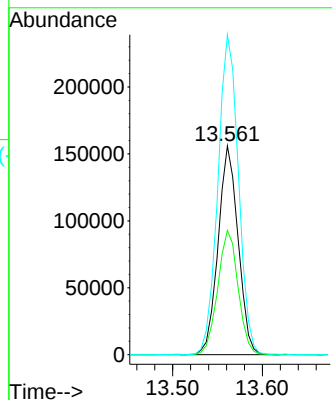
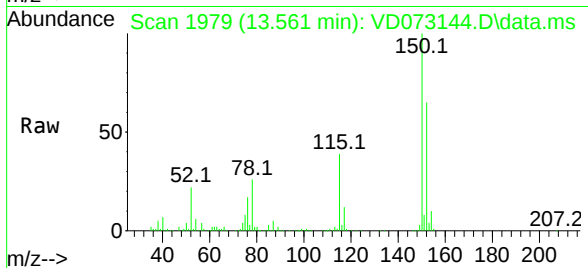
Tgt Ion:152 Resp: 240948

Ion Ratio Lower Upper

152 100

115 60.6 31.3 93.8

150 157.9 0.0 348.6



#76

1,2,3-Trichloropropane

Concen: 49.242 ug/l

RT: 12.620 min Scan# 1819

Delta R.T. -0.147 min

Lab File: VD073144.D

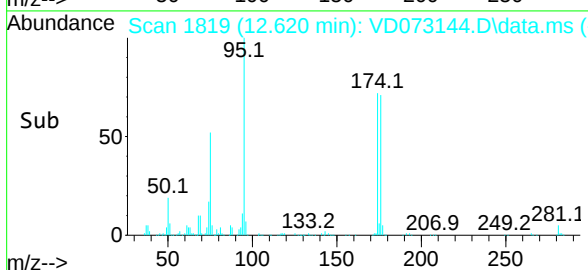
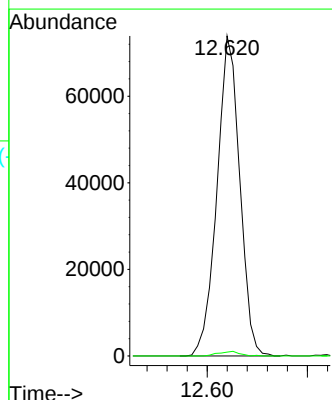
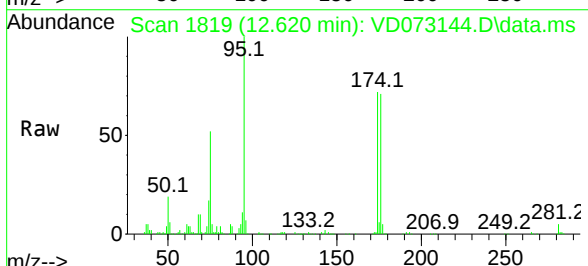
Acq: 19 May 2022 17:54

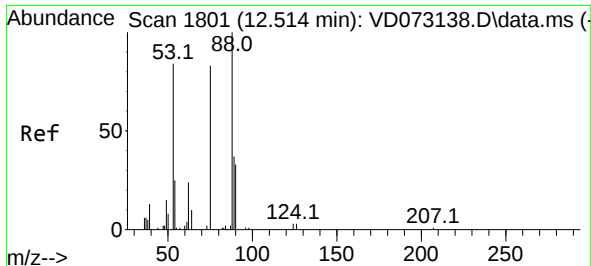
Tgt Ion: 75 Resp: 116415

Ion Ratio Lower Upper

75 100

77 1.3 0.0 0.0#

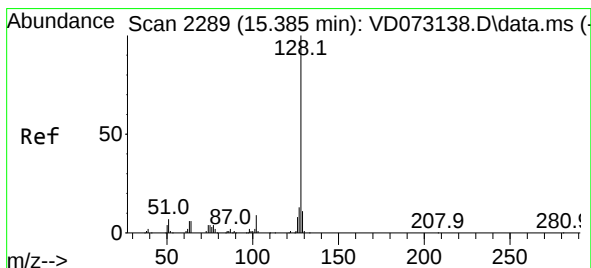
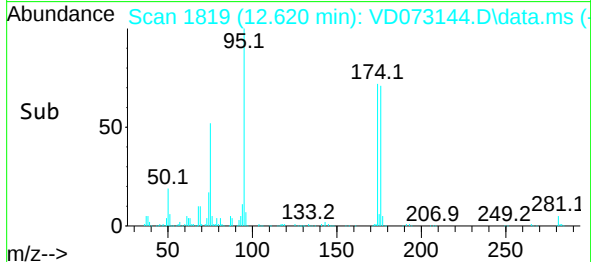
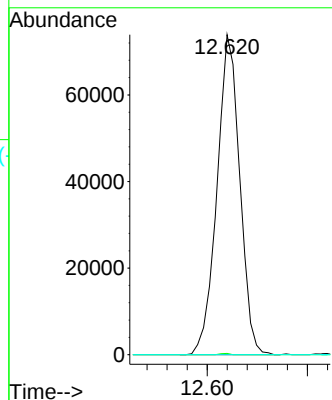
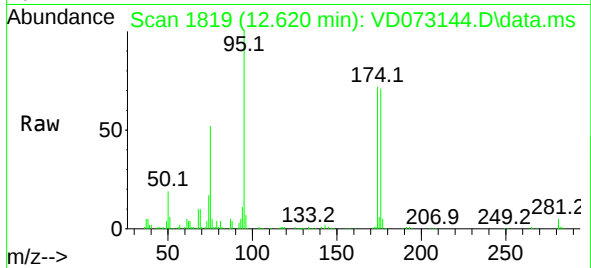




#81
trans-1,4-Dichloro-2-butene
Concen: 118.216 ug/l
RT: 12.620 min Scan# 116415
Delta R.T. 0.106 min
Lab File: VD073144.D
Acq: 19 May 2022 17:54

Instrument :
MSVOA_D
ClientSampleId :
VD0519SBL01

Tgt Ion: 75 Resp: 116415
Ion Ratio Lower Upper
75 100
53 0.2 86.5 129.7#
89 0.0 33.9 50.9#



#95
Naphthalene
Concen: 3.726 ug/l
RT: 15.390 min Scan# 2290
Delta R.T. 0.005 min
Lab File: VD073144.D
Acq: 19 May 2022 17:54

Tgt Ion: 128 Resp: 1562
Ion Ratio Lower Upper
128 100
127 15.2 10.3 15.5
129 0.0 8.4 12.6#

