

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052322\
 Data File : VD073297.D
 Acq On : 23 May 2022 23:03
 Operator : VA/SY
 Sample : VD0523SBL02
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0523SBL03

Quant Time: May 24 03:30:31 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)

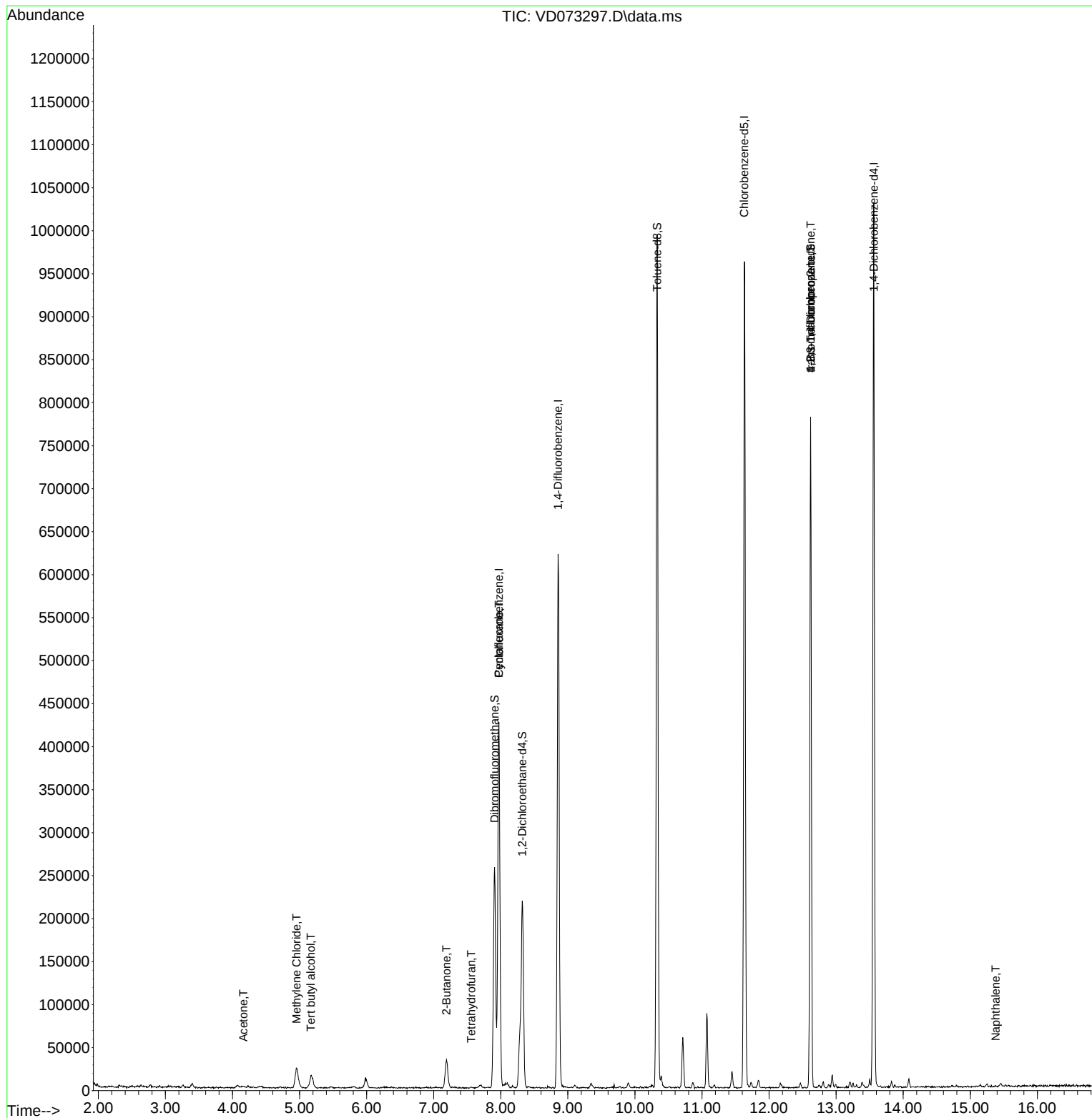
Internal Standards						
1) Pentafluorobenzene	7.973	168	302501	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	535253	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	562622	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	261557	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	169078	50.576	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	= 101.160%		
35) Dibromofluoromethane	7.908	113	182689	51.725	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	= 103.440%		
50) Toluene-d8	10.332	98	656174	50.399	ug/l	0.00
Spiked Amount	50.000	Range 49 - 140	Recovery	= 100.800%		
62) 4-Bromofluorobenzene	12.620	95	249952	54.704	ug/l	0.00
Spiked Amount	50.000	Range 25 - 144	Recovery	= 109.400%		
Target Compounds						
					Qvalue	
5) Bromomethane	2.773	94	1601	Below Cal	#	59
11) Tert butyl alcohol	5.167	59	13603	26.226	ug/l #	74
16) Acetone	4.162	43	3233	5.583	ug/l	91
20) Methylene Chloride	4.956	84	18072	1.008	ug/l #	76
25) 2-Butanone	7.191	43	2098	2.476	ug/l #	52
29) Tetrahydrofuran	7.561	42	735	1.342	ug/l #	44
31) Cyclohexane	7.973	56	8951	1.532	ug/l #	1
76) 1,2,3-Trichloropropane	12.620	75	125139	48.762	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.620	75	125139	117.062	ug/l #	7
95) Naphthalene	15.379	128	1070	3.658	ug/l #	70

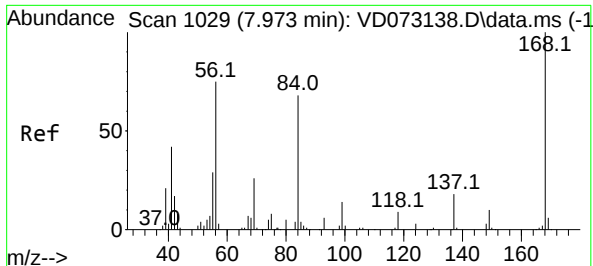
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052322\
Data File : VD073297.D
Acq On : 23 May 2022 23:03
Operator : VA/SY
Sample : VD0523SBL02
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 29 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0523SBL03

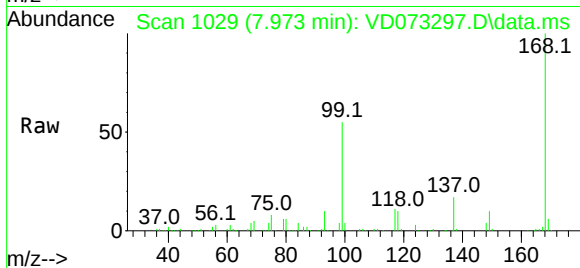
Quant Time: May 24 03:30:31 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051922S.M
Quant Title : SW846 8260
QLast Update : Thu May 19 15:13:42 2022
Response via : Initial Calibration



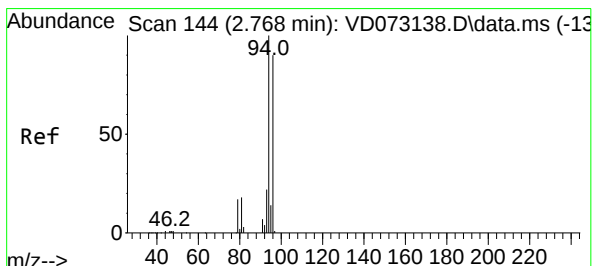
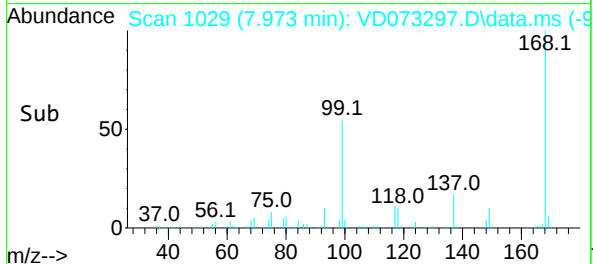
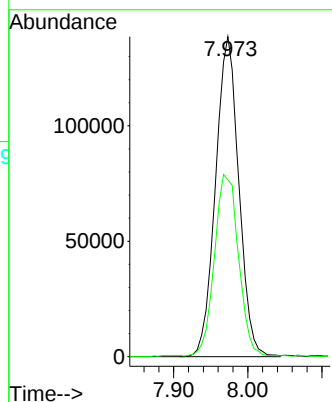


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD073297.D
Acq: 23 May 2022 23:03

Instrument :
MSVOA_D
ClientSampleId :
VD0523SBL03

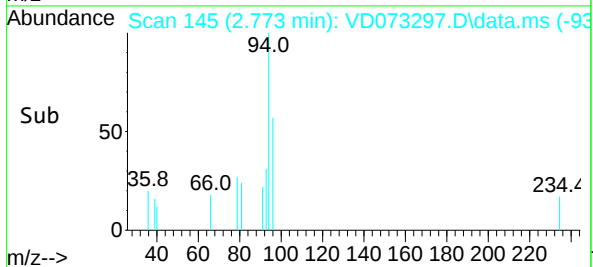
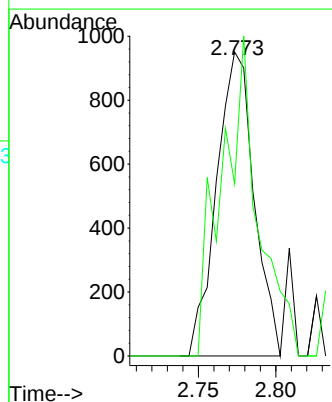
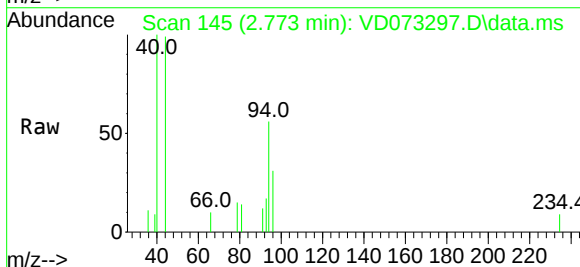


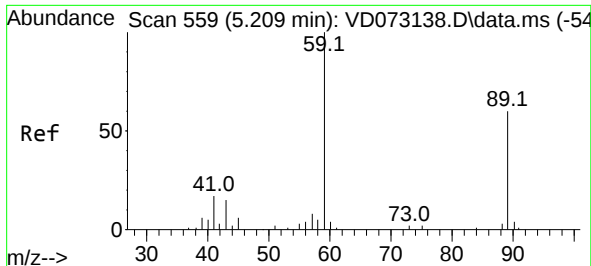
Tgt Ion:168 Resp: 302501
Ion Ratio Lower Upper
168 100
99 55.0 49.8 74.6



#5
Bromomethane
Concen: Below Cal
RT: 2.773 min Scan# 145
Delta R.T. 0.005 min
Lab File: VD073297.D
Acq: 23 May 2022 23:03

Tgt Ion: 94 Resp: 1601
Ion Ratio Lower Upper
94 100
96 56.6 77.6 116.4#





#11

Tert butyl alcohol

Concen: 26.226 ug/l

RT: 5.167 min Scan# 51

Delta R.T. -0.042 min

Lab File: VD073297.D

Acq: 23 May 2022 23:03

Instrument :

MSVOA_D

ClientSampleId :

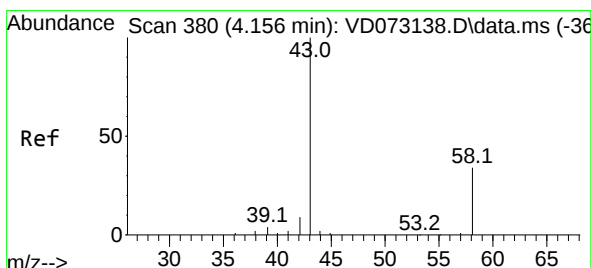
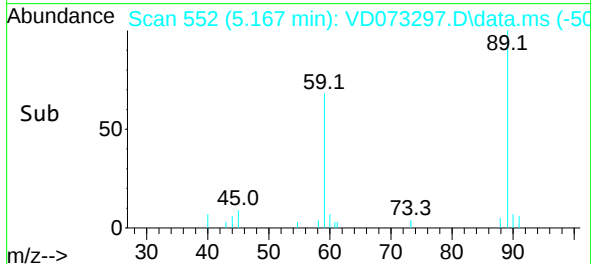
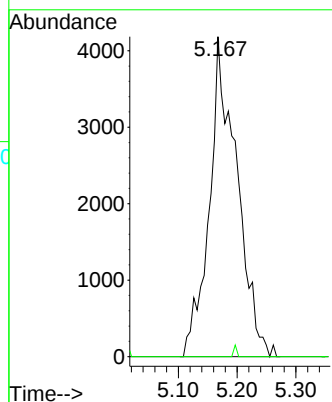
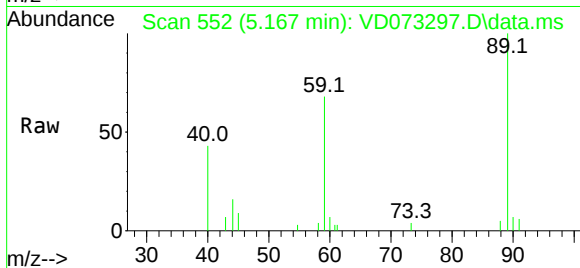
VD0523SBL03

Tgt Ion: 59 Resp: 13603

Ion Ratio Lower Upper

59 100

57 0.0 7.8 11.6#



#16

Acetone

Concen: 5.583 ug/l

RT: 4.162 min Scan# 381

Delta R.T. 0.006 min

Lab File: VD073297.D

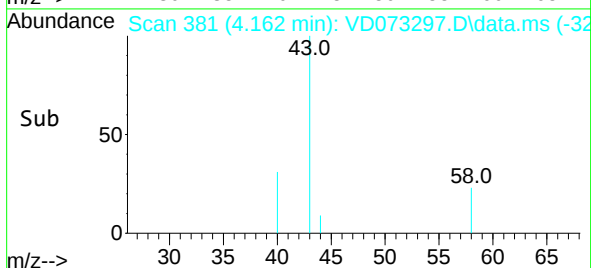
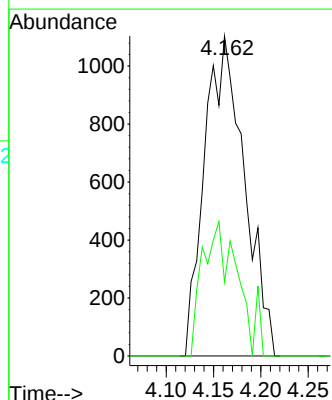
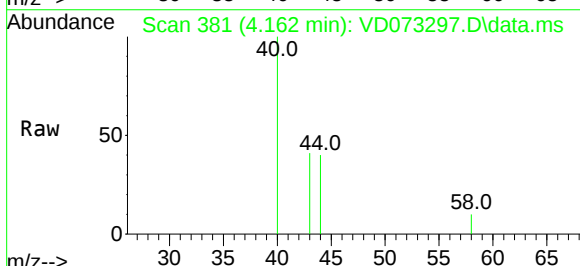
Acq: 23 May 2022 23:03

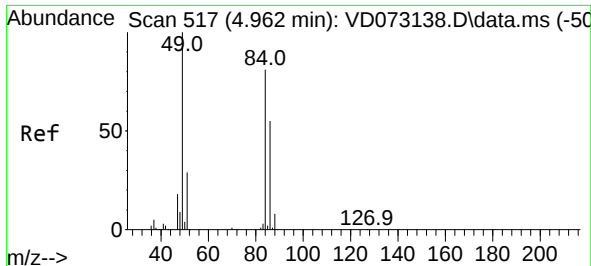
Tgt Ion: 43 Resp: 3233

Ion Ratio Lower Upper

43 100

58 23.1 22.1 33.1

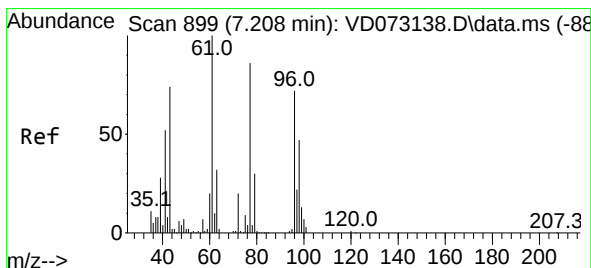
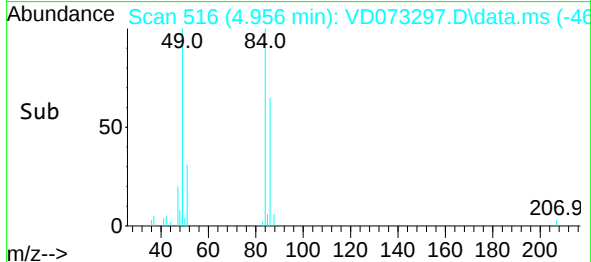
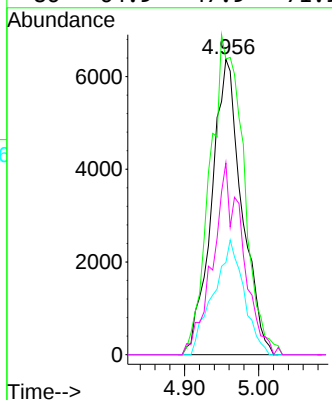
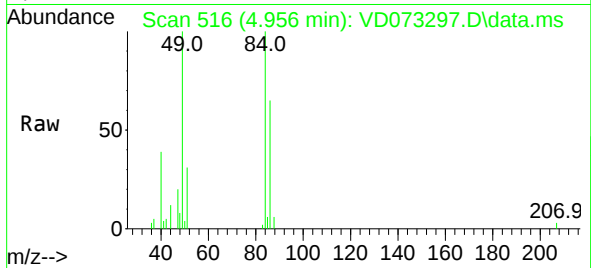




#20
Methylene Chloride
Concen: 1.008 ug/l
RT: 4.956 min Scan# 517
Delta R.T. -0.006 min
Lab File: VD073297.D
Acq: 23 May 2022 23:03

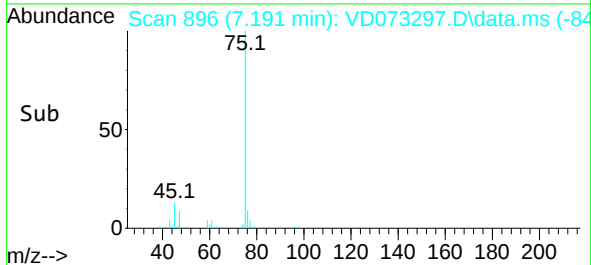
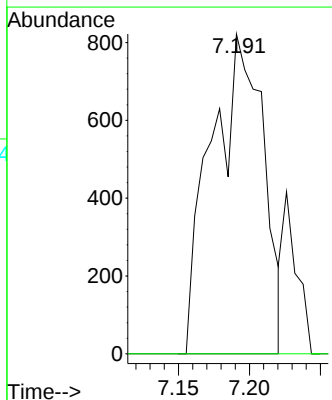
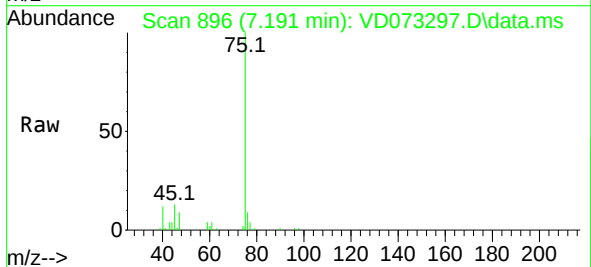
Instrument :
MSVOA_D
ClientSampleId :
VD0523SBL03

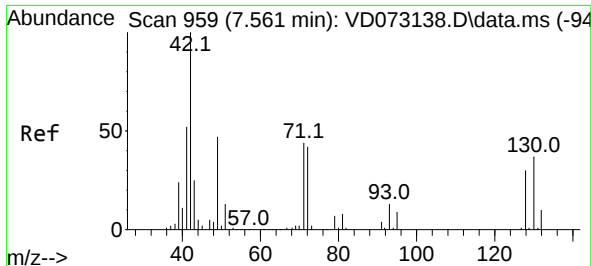
Tgt Ion:	84	Resp:	18072
Ion	Ratio	Lower	Upper
84	100		
49	100.1	112.8	169.2#
51	31.2	32.6	48.8#
86	64.9	47.9	71.9



#25
2-Butanone
Concen: 2.476 ug/l
RT: 7.191 min Scan# 896
Delta R.T. -0.017 min
Lab File: VD073297.D
Acq: 23 May 2022 23:03

Tgt Ion:	43	Resp:	2098
Ion	Ratio	Lower	Upper
43	100		
72	0.0	18.6	27.8#





#29

Tetrahydrofuran

Concen: 1.342 ug/l

RT: 7.561 min Scan# 91

Delta R.T. 0.000 min

Lab File: VD073297.D

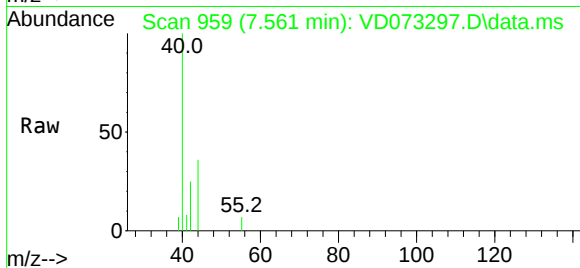
Acq: 23 May 2022 23:03

Instrument :

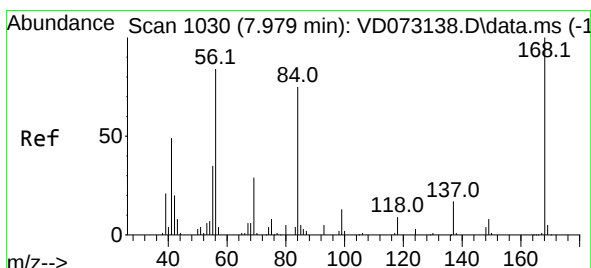
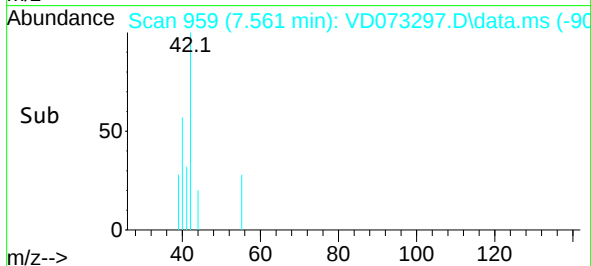
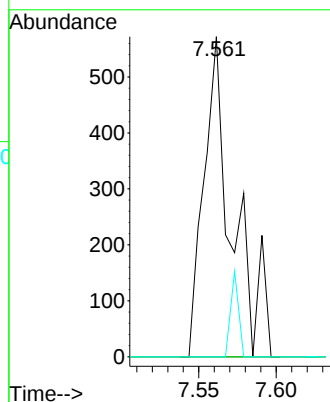
MSVOA_D

ClientSampleId :

VD0523SBL03



Tgt Ion:	42	Resp:	735
Ion Ratio	Lower	Upper	
42	100		
72	0.0	30.7	46.1#
71	7.3	28.6	43.0#



#31

Cyclohexane

Concen: 1.532 ug/l

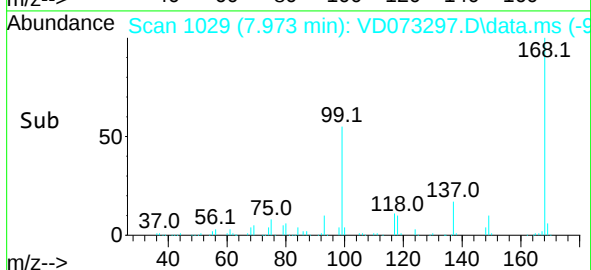
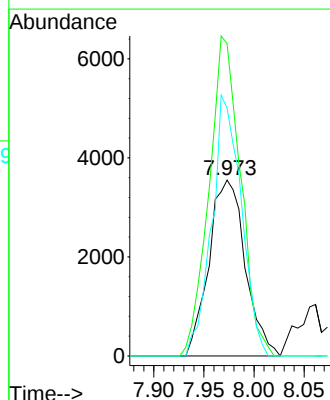
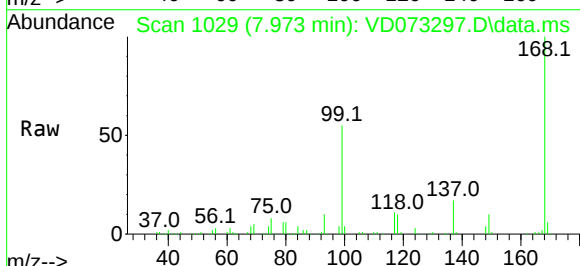
RT: 7.973 min Scan# 1029

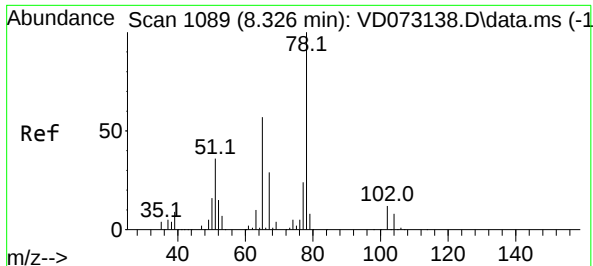
Delta R.T. -0.006 min

Lab File: VD073297.D

Acq: 23 May 2022 23:03

Tgt Ion:	56	Resp:	8951
Ion Ratio	Lower	Upper	
56	100		
69	177.6	25.4	38.2#
84	140.9	63.0	94.4#





#33

1,2-Dichloroethane-d4

Concen: 50.576 ug/l

RT: 8.320 min Scan# 1108

Delta R.T. -0.006 min

Lab File: VD073297.D

Acq: 23 May 2022 23:03

Instrument :

MSVOA_D

ClientSampleId :

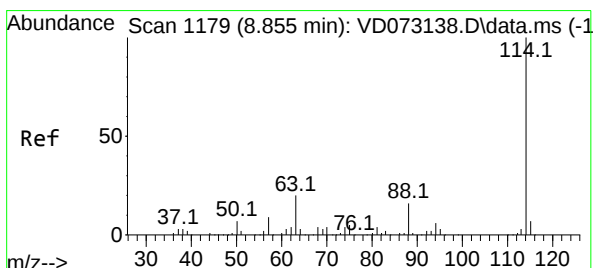
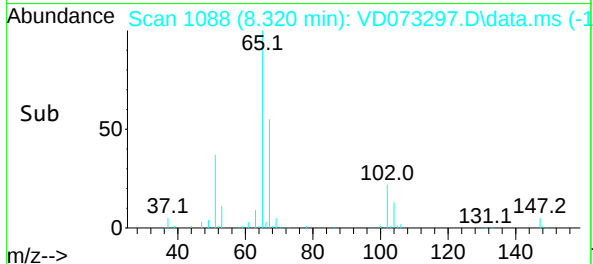
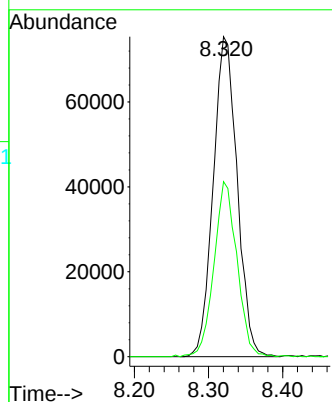
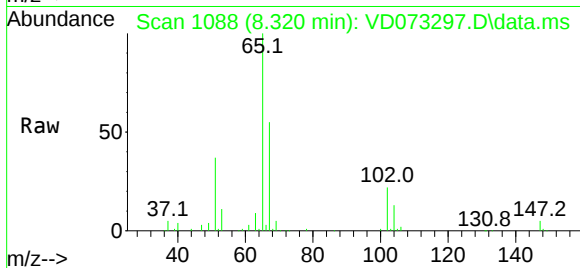
VD0523SBL03

Tgt Ion: 65 Resp: 169078

Ion Ratio Lower Upper

65 100

67 52.6 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: VD073297.D

Acq: 23 May 2022 23:03

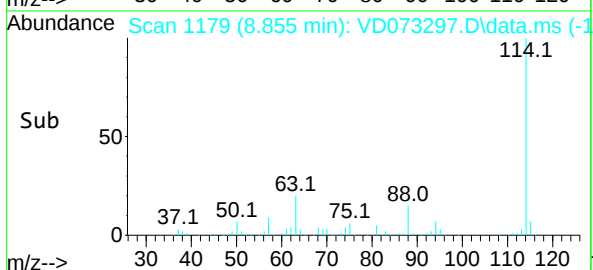
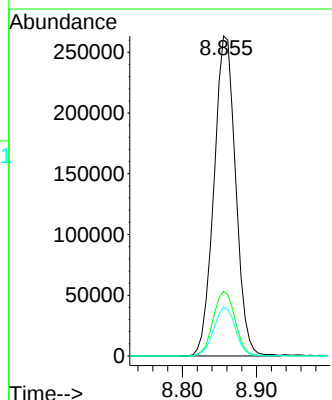
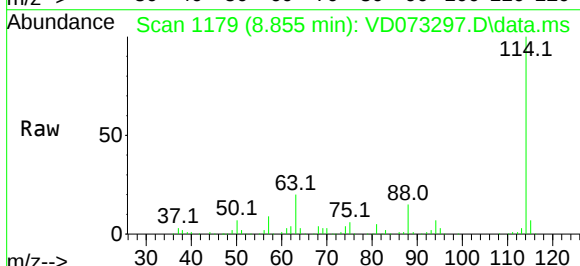
Tgt Ion: 114 Resp: 535253

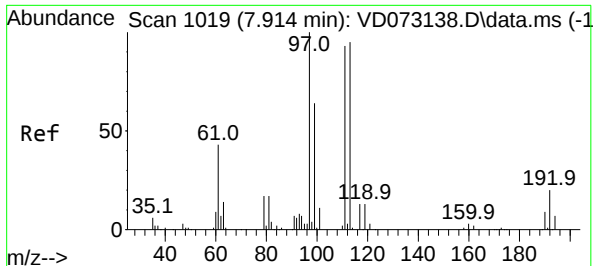
Ion Ratio Lower Upper

114 100

63 20.2 0.0 46.6

88 15.3 0.0 33.2





#35

Dibromofluoromethane

Concen: 51.725 ug/l

RT: 7.908 min Scan# 1019

Delta R.T. -0.006 min

Lab File: VD073297.D

Acq: 23 May 2022 23:03

Instrument :

MSVOA_D

ClientSampleId :

VD0523SBL03

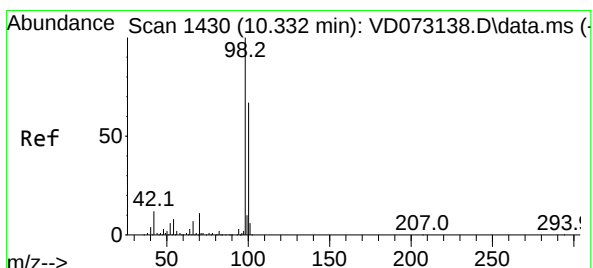
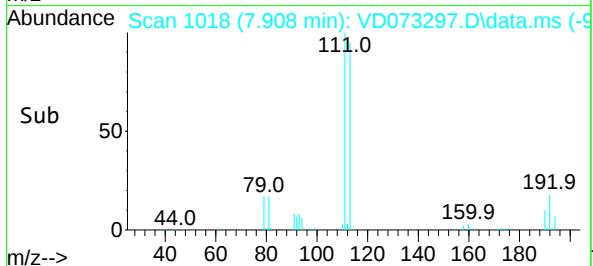
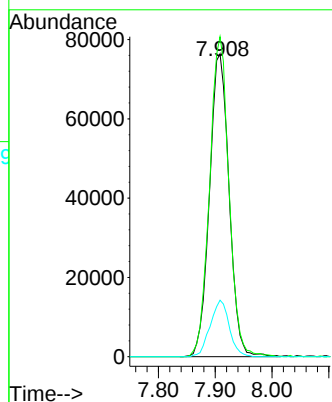
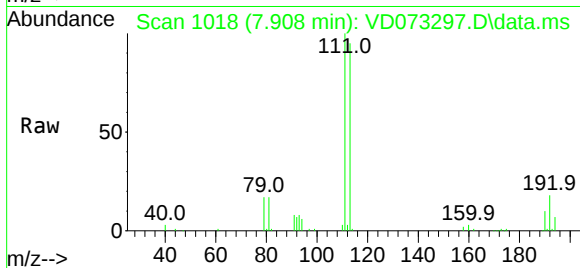
Tgt Ion:113 Resp: 182689

Ion Ratio Lower Upper

113 100

111 104.3 83.8 125.6

192 18.2 14.6 21.8



#50

Toluene-d8

Concen: 50.399 ug/l

RT: 10.332 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VD073297.D

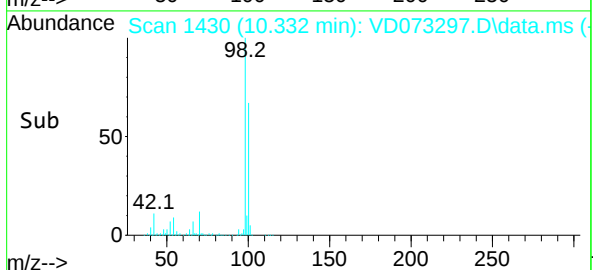
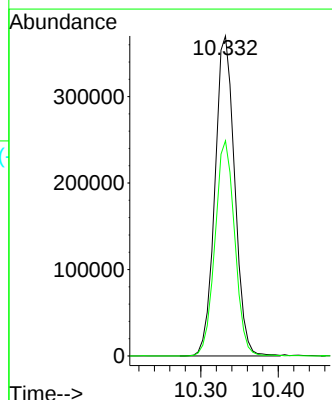
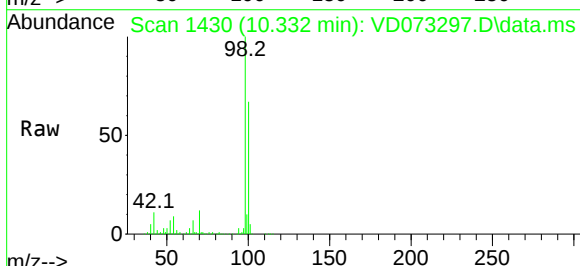
Acq: 23 May 2022 23:03

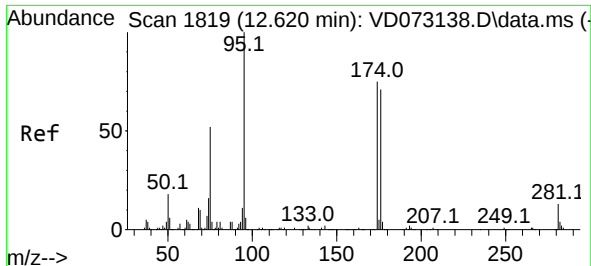
Tgt Ion: 98 Resp: 656174

Ion Ratio Lower Upper

98 100

100 67.1 52.4 78.6

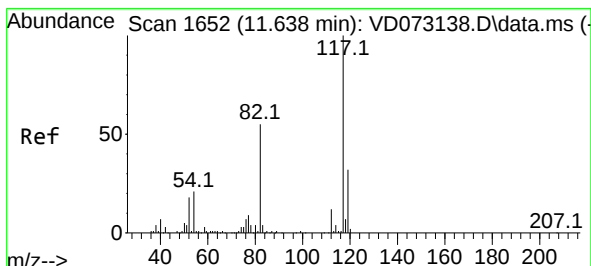
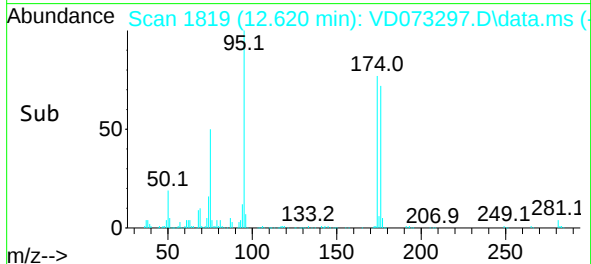
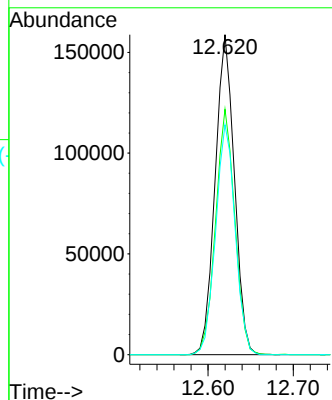
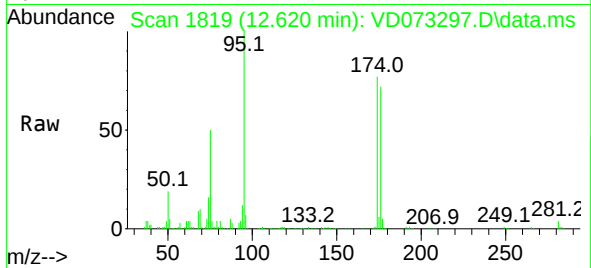




#62
4-Bromofluorobenzene
Concen: 54.704 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD073297.D
Acq: 23 May 2022 23:03

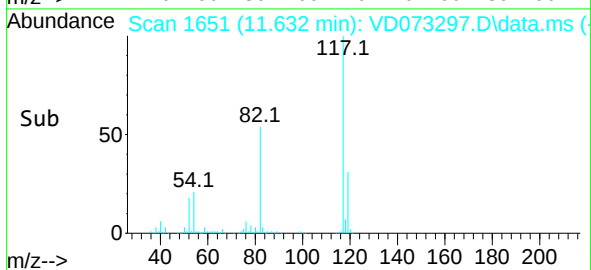
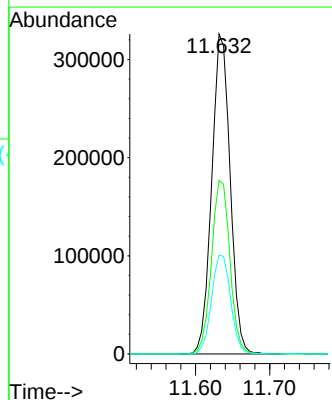
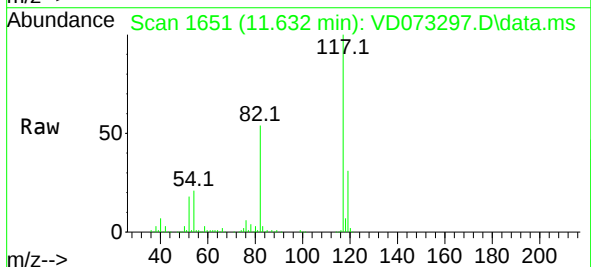
Instrument :
MSVOA_D
ClientSampleId :
VD0523SBL03

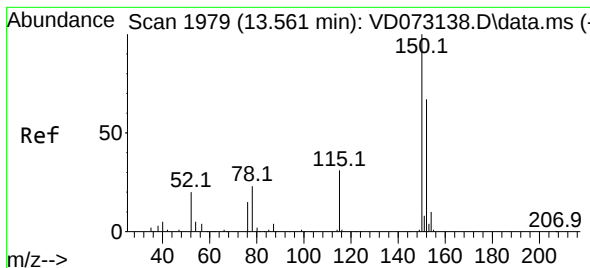
Tgt Ion: 95 Resp: 249952
Ion Ratio Lower Upper
95 100
174 76.7 0.0 152.8
176 72.7 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 1651
Delta R.T. -0.006 min
Lab File: VD073297.D
Acq: 23 May 2022 23:03

Tgt Ion: 117 Resp: 562622
Ion Ratio Lower Upper
117 100
82 54.2 45.3 67.9
119 30.8 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: VD073297.D

Acq: 23 May 2022 23:03

Instrument :

MSVOA_D

ClientSampleId :

VD0523SBL03

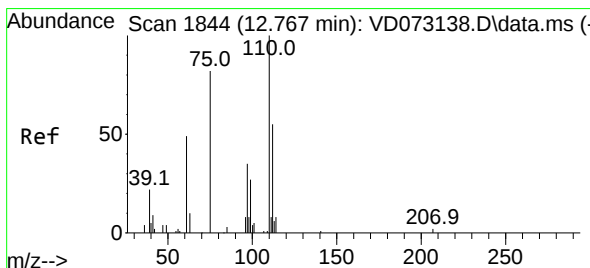
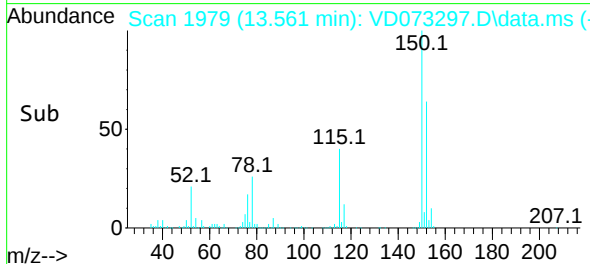
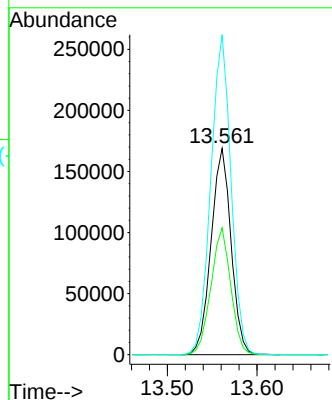
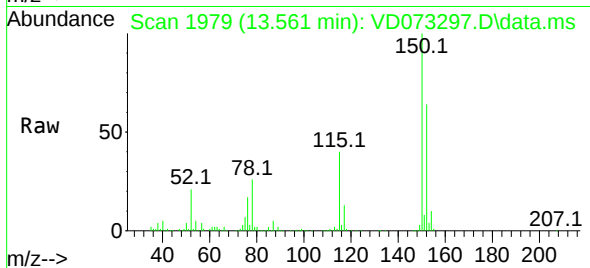
Tgt Ion:152 Resp: 261557

Ion Ratio Lower Upper

152 100

115 60.9 31.3 93.8

150 156.5 0.0 348.6



#76

1,2,3-Trichloropropane

Concen: 48.762 ug/l

RT: 12.620 min Scan# 1819

Delta R.T. -0.147 min

Lab File: VD073297.D

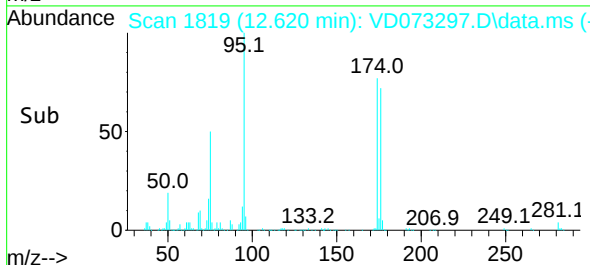
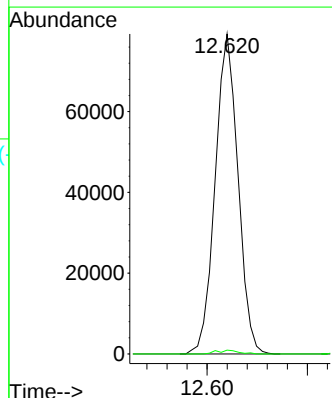
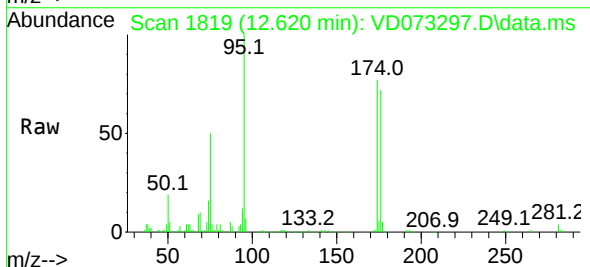
Acq: 23 May 2022 23:03

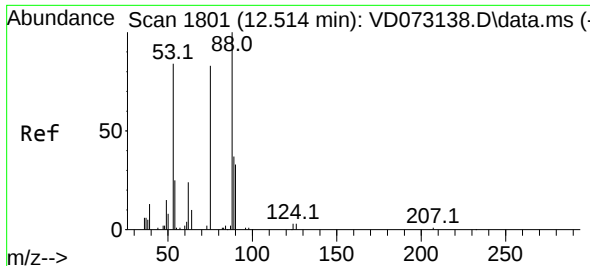
Tgt Ion: 75 Resp: 125139

Ion Ratio Lower Upper

75 100

77 1.1 0.0 0.0#

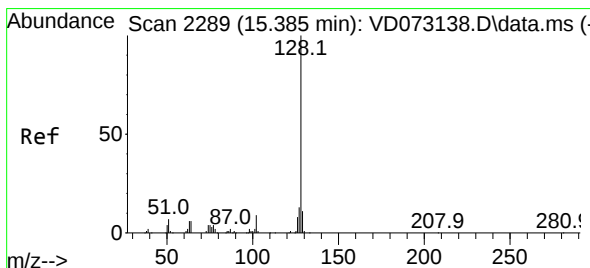
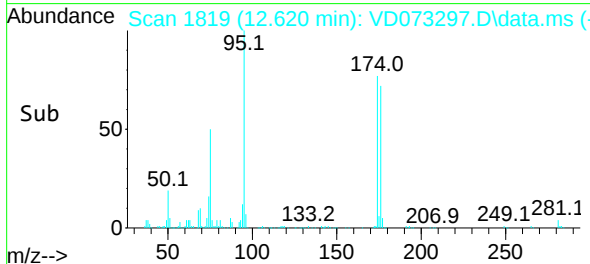
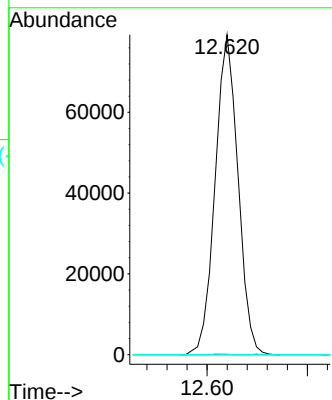
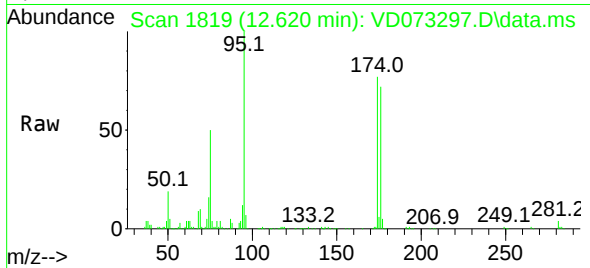




#81
trans-1,4-Dichloro-2-butene
Concen: 117.062 ug/l
RT: 12.620 min Scan# 1801
Delta R.T. 0.106 min
Lab File: VD073297.D
Acq: 23 May 2022 23:03

Instrument :
MSVOA_D
ClientSampleId :
VD0523SBL03

Tgt Ion: 75 Resp: 125139
Ion Ratio Lower Upper
75 100
53 0.2 86.5 129.7#
89 0.0 33.9 50.9#



#95
Naphthalene
Concen: 3.658 ug/l
RT: 15.379 min Scan# 2288
Delta R.T. -0.006 min
Lab File: VD073297.D
Acq: 23 May 2022 23:03

Tgt Ion: 128 Resp: 1070
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.4 12.6#

