

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052422\
 Data File : VD073327.D
 Acq On : 24 May 2022 16:20
 Operator : VA/SY
 Sample : N2949-10RE
 Misc : 6.14G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 P043-SS001-2430-01

Quant Time: May 25 05:27:23 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)

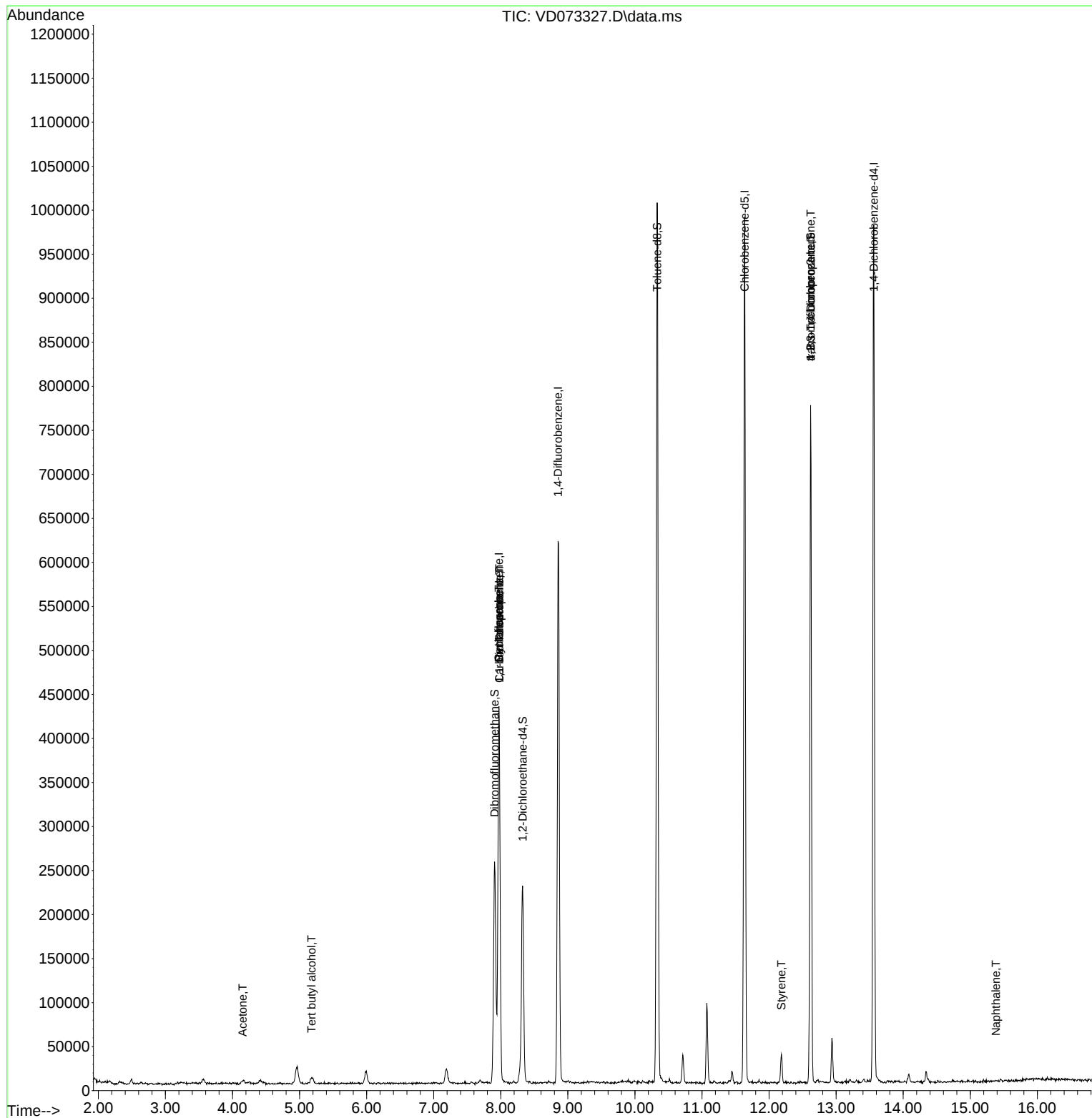
Internal Standards						
1) Pentafluorobenzene	7.973	168	308095	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	548999	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	571723	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	258717	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	174990	51.394	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 102.780%			
35) Dibromofluoromethane	7.908	113	186052	51.358	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 102.720%			
50) Toluene-d8	10.332	98	671363	50.274	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 100.540%			
62) 4-Bromofluorobenzene	12.620	95	257302	54.903	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 109.800%			
Target Compounds						
					Qvalue	
5) Bromomethane	2.773	94	668	Below Cal	#	27
11) Tert butyl alcohol	5.179	59	5598	10.597	ug/l #	74
16) Acetone	4.150	43	6895	11.691	ug/l	99
31) Cyclohexane	7.973	56	7298	1.227	ug/l #	1
36) 1,1-Dichloropropene	7.979	75	25418	4.665	ug/l #	52
38) Carbon Tetrachloride	7.979	117	32776	5.935	ug/l #	19
70) Styrene	12.185	104	16514	1.306	ug/l #	85
76) 1,2,3-Trichloropropane	12.620	75	124774	49.153	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.620	75	124774	118.002	ug/l #	7
95) Naphthalene	15.384	128	680	3.616	ug/l #	70

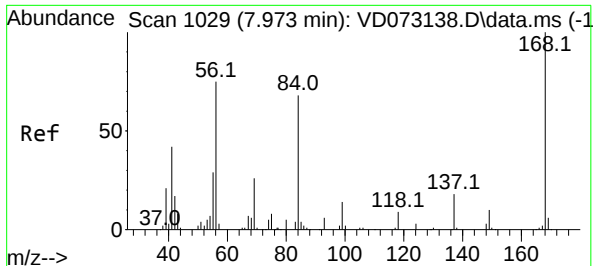
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052422\
Data File : VD073327.D
Acq On : 24 May 2022 16:20
Operator : VA/SY
Sample : N2949-10RE
Misc : 6.14G/5.00ml/MSVOA_D/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
P043-SS001-2430-01

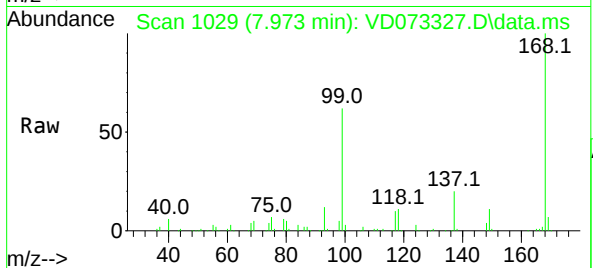
Quant Time: May 25 05:27:23 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051922S.M
Quant Title : SW846 8260
QLast Update : Thu May 19 15:13:42 2022
Response via : Initial Calibration



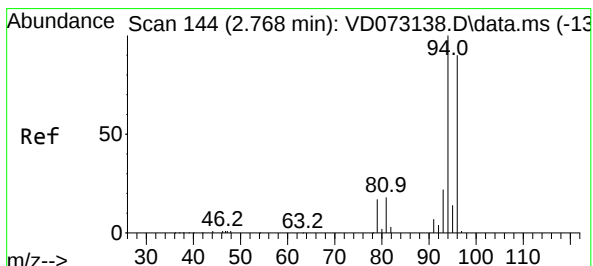
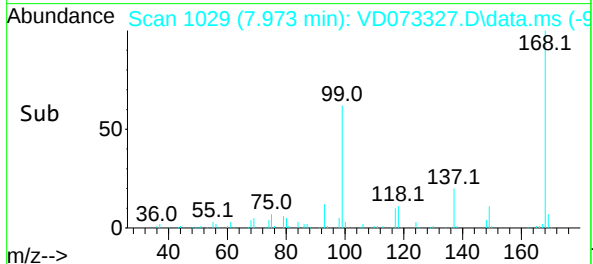
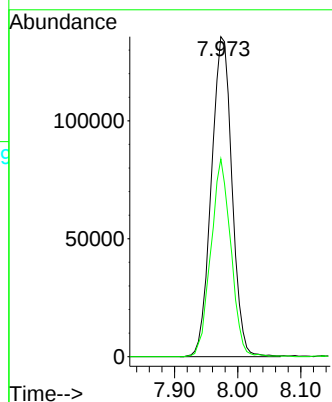


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD073327.D
Acq: 24 May 2022 16:20

Instrument :
MSVOA_D
ClientSampleId :
P043-SS001-2430-01

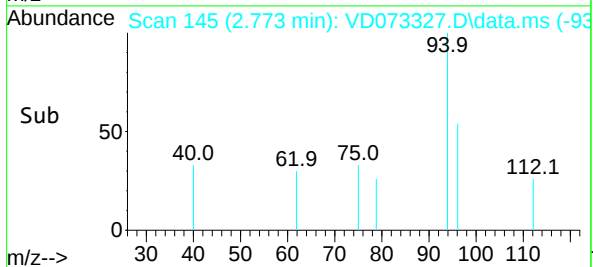
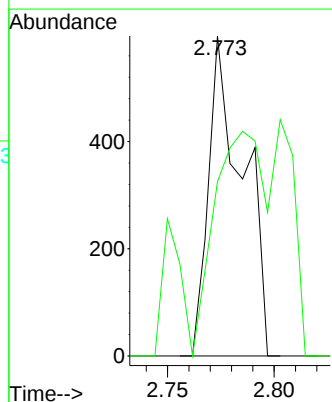
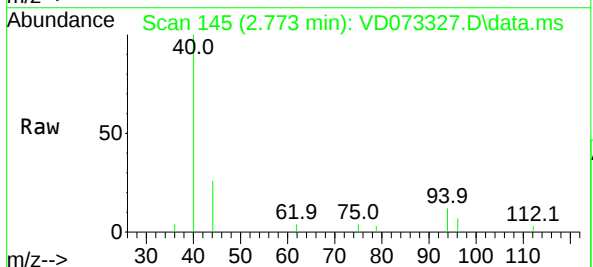


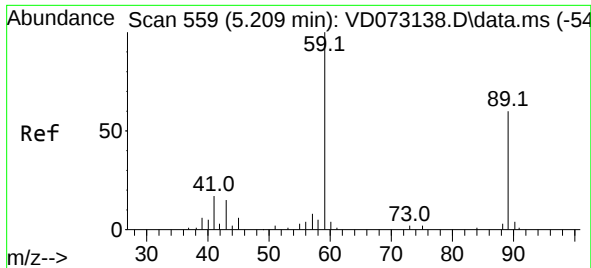
Tgt Ion:168 Resp: 308095
Ion Ratio Lower Upper
168 100
99 61.8 49.8 74.6



#5
Bromomethane
Concen: Below Cal
RT: 2.773 min Scan# 145
Delta R.T. 0.005 min
Lab File: VD073327.D
Acq: 24 May 2022 16:20

Tgt Ion: 94 Resp: 668
Ion Ratio Lower Upper
94 100
96 25.6 77.6 116.4#

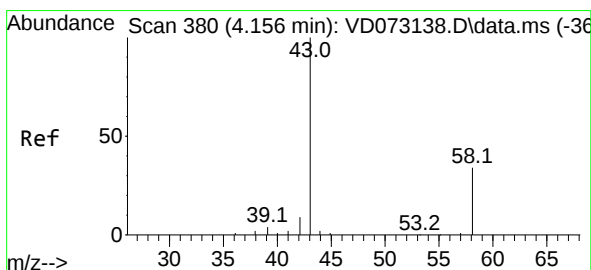
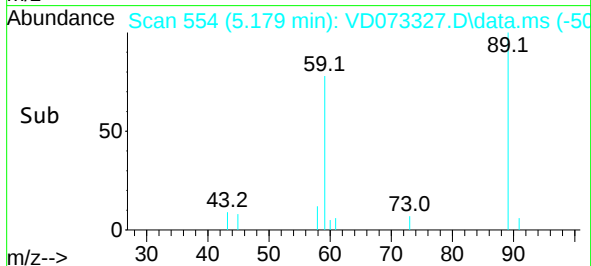
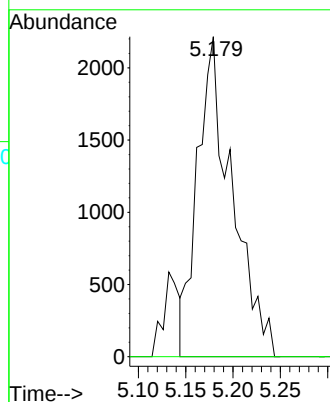
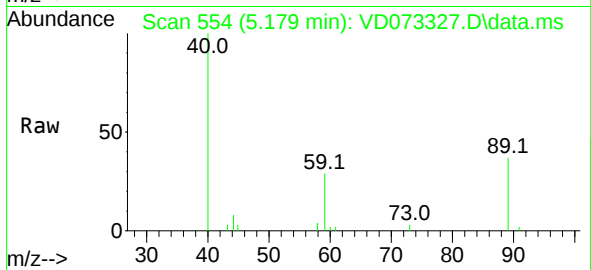




#11
Tert butyl alcohol
Concen: 10.597 ug/l
RT: 5.179 min Scan# 51
Delta R.T. -0.030 min
Lab File: VD073327.D
Acq: 24 May 2022 16:20

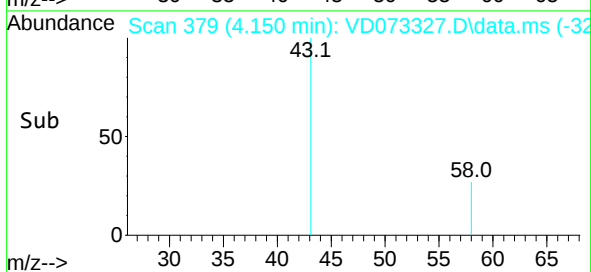
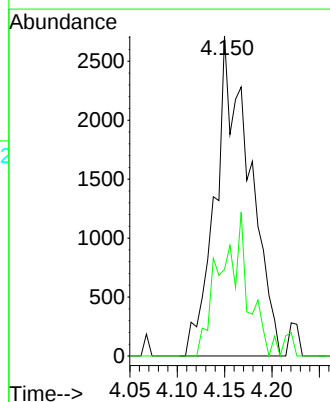
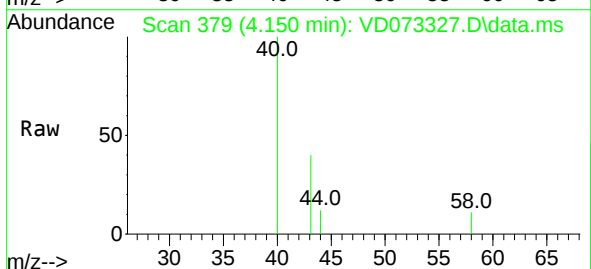
Instrument :
MSVOA_D
ClientSampleId :
P043-SS001-2430-01

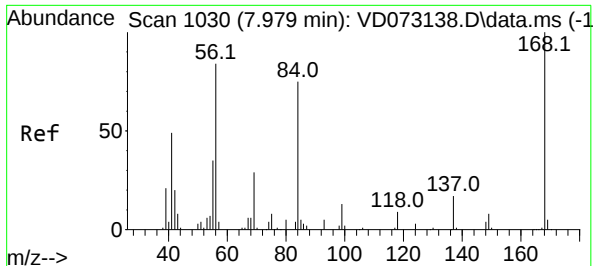
Tgt Ion: 59 Resp: 5598
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.6#



#16
Acetone
Concen: 11.691 ug/l
RT: 4.150 min Scan# 379
Delta R.T. -0.006 min
Lab File: VD073327.D
Acq: 24 May 2022 16:20

Tgt Ion: 43 Resp: 6895
Ion Ratio Lower Upper
43 100
58 27.1 22.1 33.1





#31

Cyclohexane

Concen: 1.227 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.006 min

Lab File: VD073327.D

Acq: 24 May 2022 16:20

Instrument :

MSVOA_D

ClientSampleId :

P043-SS001-2430-01

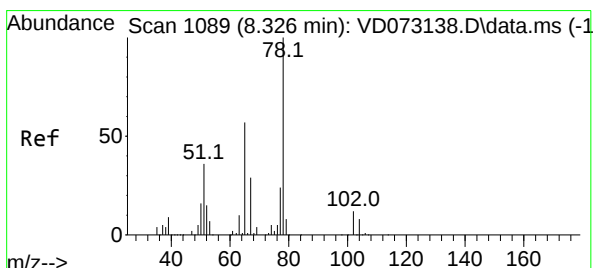
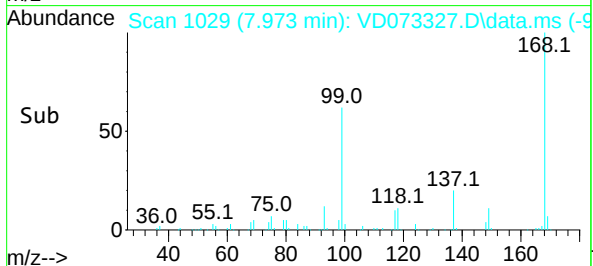
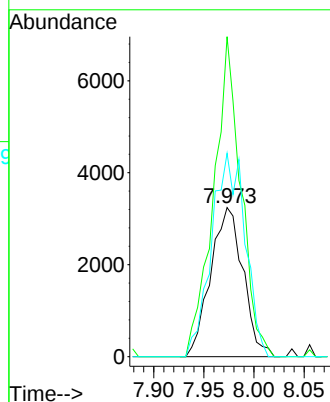
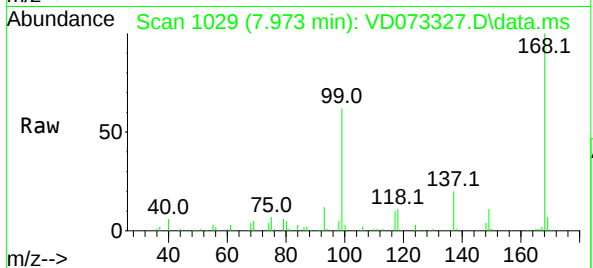
Tgt Ion: 56 Resp: 7298

Ion Ratio Lower Upper

56 100

69 214.5 25.4 38.2#

84 136.3 63.0 94.4#



#33

1,2-Dichloroethane-d4

Concen: 51.394 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD073327.D

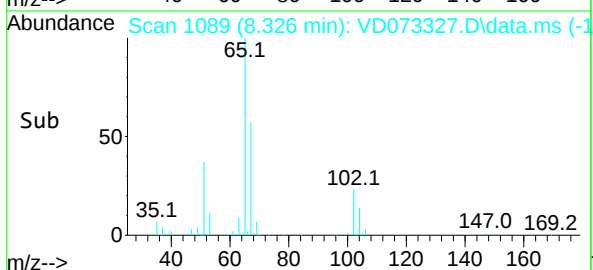
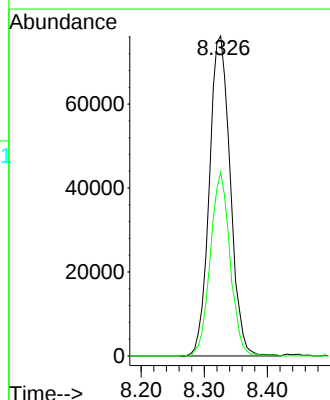
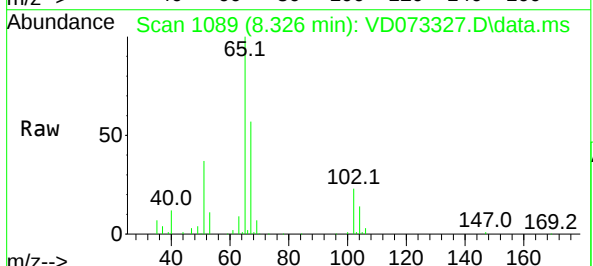
Acq: 24 May 2022 16:20

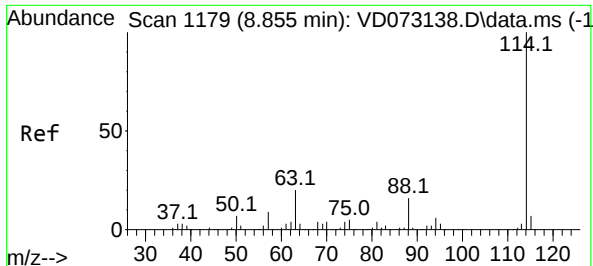
Tgt Ion: 65 Resp: 174990

Ion Ratio Lower Upper

65 100

67 54.1 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: VD073327.D

Acq: 24 May 2022 16:20

Instrument :

MSVOA_D

ClientSampleId :

P043-SS001-2430-01

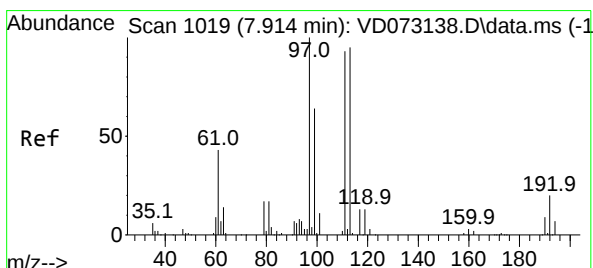
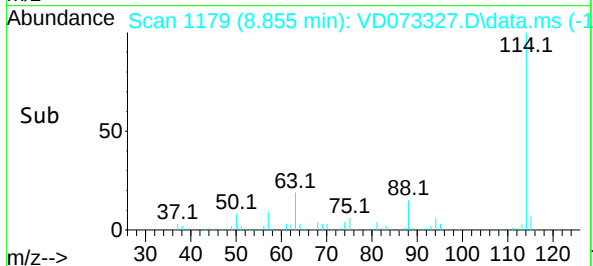
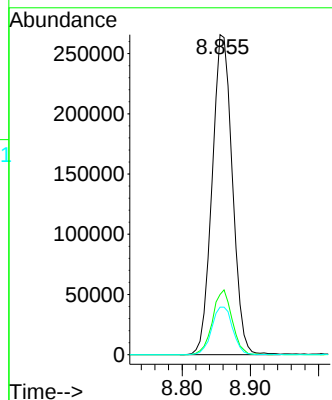
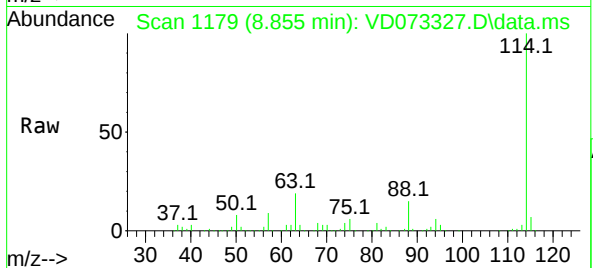
Tgt Ion:114 Resp: 548999

Ion Ratio Lower Upper

114 100

63 18.8 0.0 46.6

88 14.8 0.0 33.2



#35

Dibromofluoromethane

Concen: 51.358 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. -0.006 min

Lab File: VD073327.D

Acq: 24 May 2022 16:20

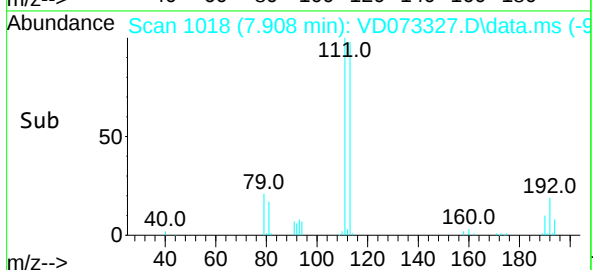
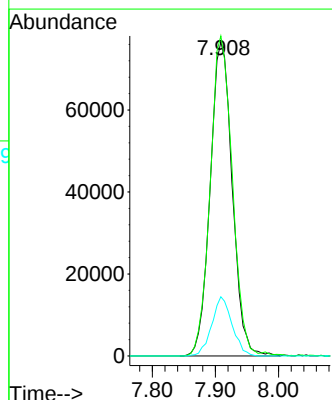
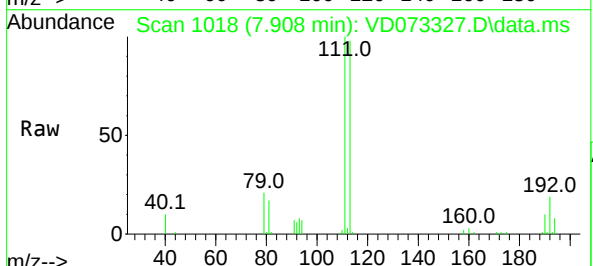
Tgt Ion:113 Resp: 186052

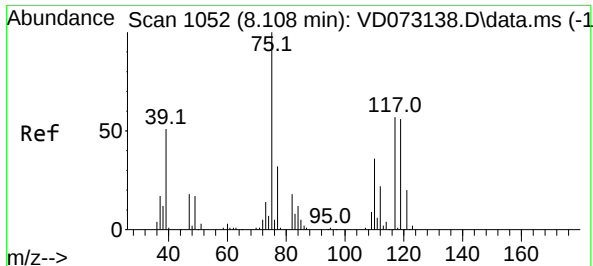
Ion Ratio Lower Upper

113 100

111 102.3 83.8 125.6

192 17.4 14.6 21.8





#36

1,1-Dichloropropene

Concen: 4.665 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. -0.129 min

Lab File: VD073327.D

Acq: 24 May 2022 16:20

Instrument :

MSVOA_D

ClientSampleId :

P043-SS001-2430-01

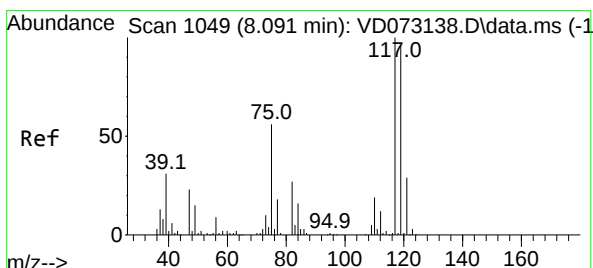
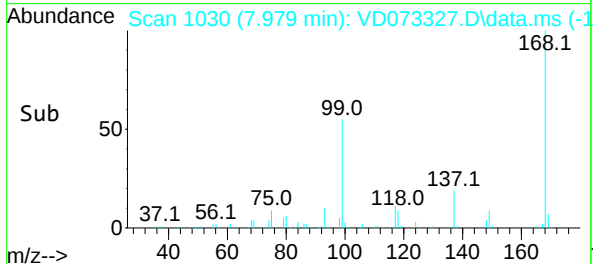
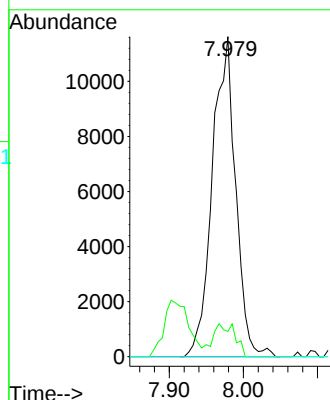
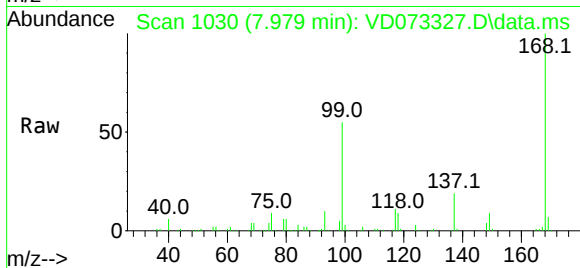
Tgt Ion: 75 Resp: 25418

Ion Ratio Lower Upper

75 100

110 9.9 16.4 49.1#

77 0.0 24.2 36.2#



#38

Carbon Tetrachloride

Concen: 5.935 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. -0.112 min

Lab File: VD073327.D

Acq: 24 May 2022 16:20

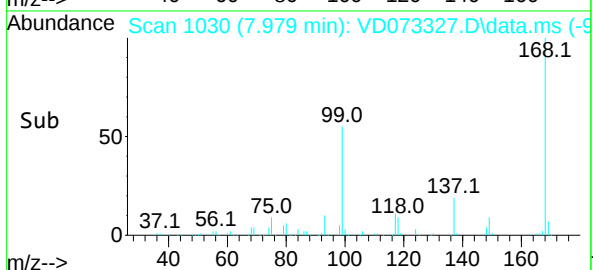
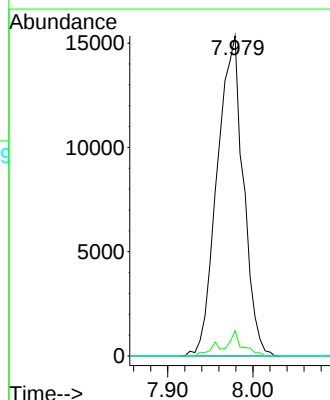
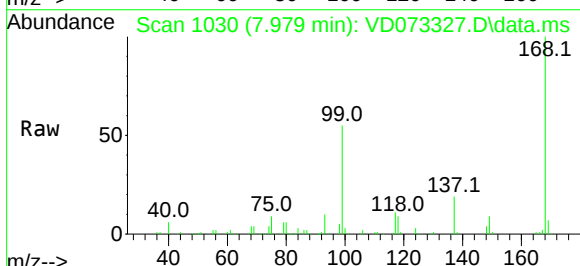
Tgt Ion: 117 Resp: 32776

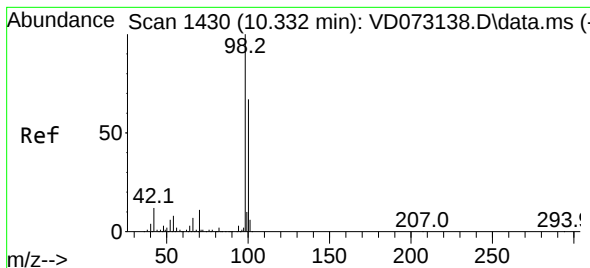
Ion Ratio Lower Upper

117 100

119 7.9 75.8 113.6#

121 0.0 24.5 36.7#





#50

Toluene-d8

Concen: 50.274 ug/l

RT: 10.332 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VD073327.D

Acq: 24 May 2022 16:20

Instrument :

MSVOA_D

ClientSampleId :

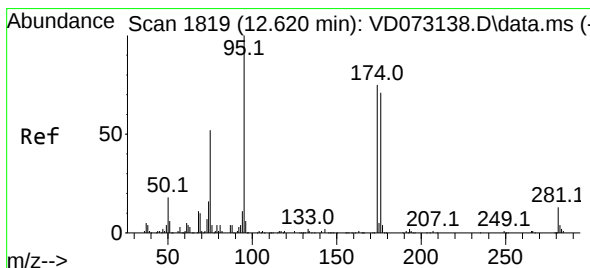
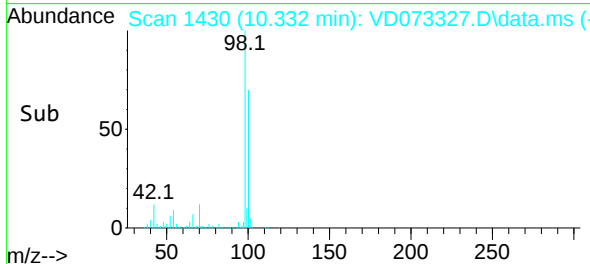
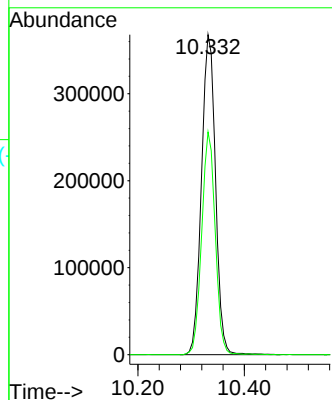
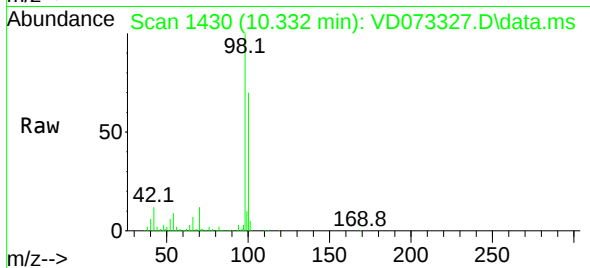
P043-SS001-2430-01

Tgt Ion: 98 Resp: 671363

Ion Ratio Lower Upper

98 100

100 67.1 52.4 78.6



#62

4-Bromofluorobenzene

Concen: 54.903 ug/l

RT: 12.620 min Scan# 1819

Delta R.T. -0.000 min

Lab File: VD073327.D

Acq: 24 May 2022 16:20

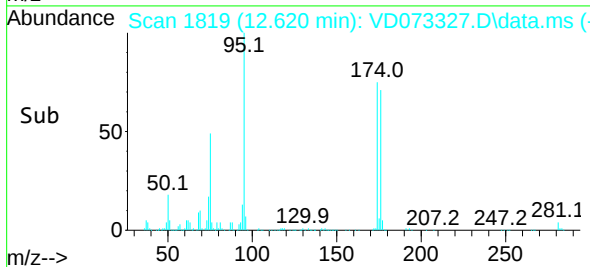
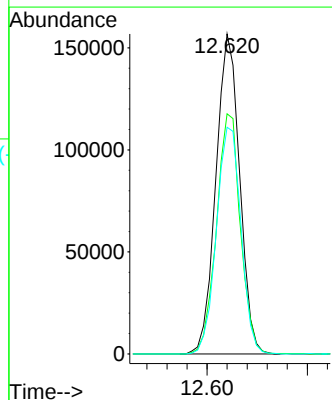
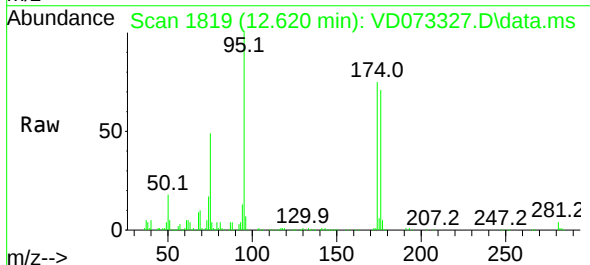
Tgt Ion: 95 Resp: 257302

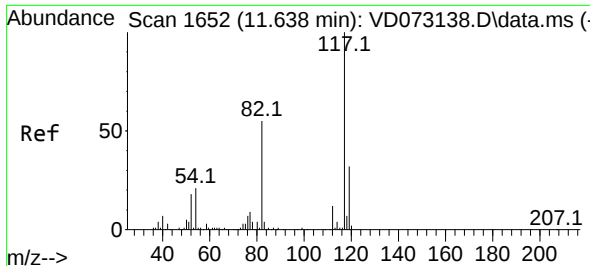
Ion Ratio Lower Upper

95 100

174 75.8 0.0 152.8

176 73.2 0.0 145.4

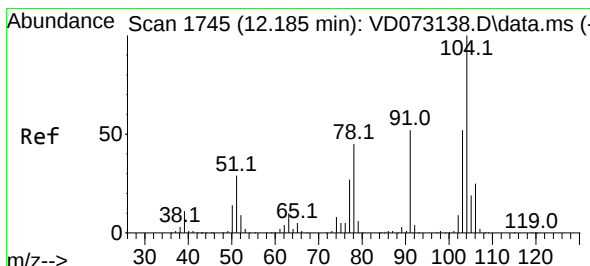
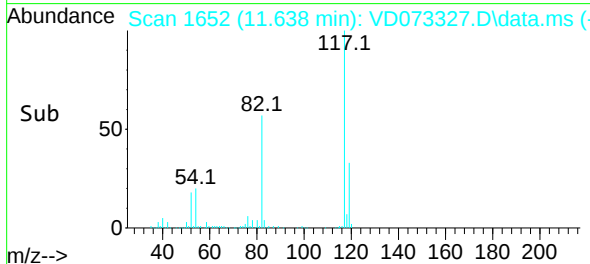
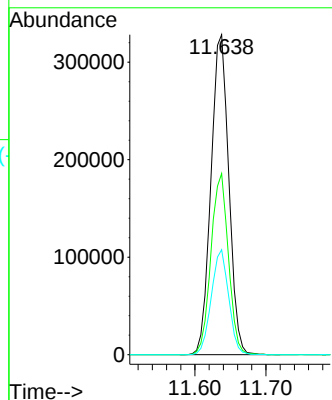
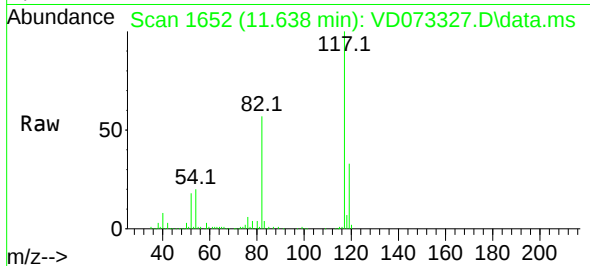




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD073327.D
Acq: 24 May 2022 16:20

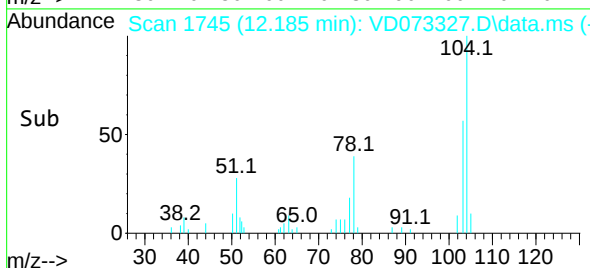
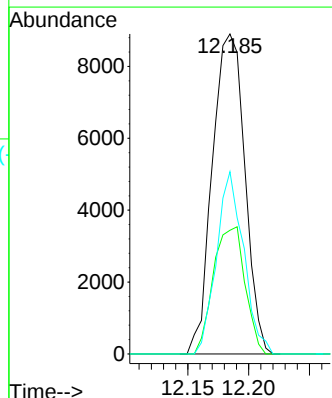
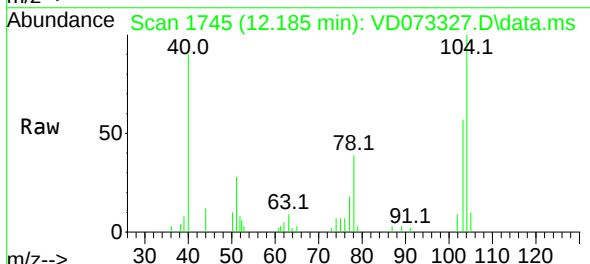
Instrument :
MSVOA_D
ClientSampleId :
P043-SS001-2430-01

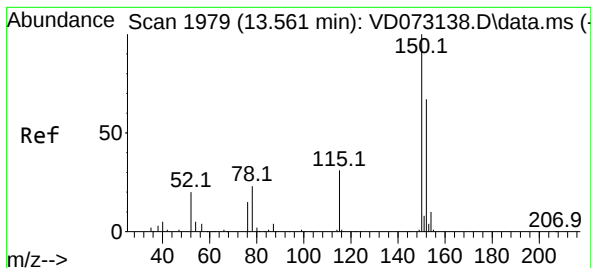
Tgt Ion:	117	Resp:	571723
Ion	Ratio	Lower	Upper
117	100		
82	56.6	45.3	67.9
119	32.8	26.6	40.0



#70
Styrene
Concen: 1.306 ug/l
RT: 12.185 min Scan# 1745
Delta R.T. -0.000 min
Lab File: VD073327.D
Acq: 24 May 2022 16:20

Tgt Ion:	104	Resp:	16514
Ion	Ratio	Lower	Upper
104	100		
78	38.7	41.8	62.8
103	47.7	44.2	66.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.561 min Scan# 1979

Delta R.T. 0.000 min

Lab File: VD073327.D

Acq: 24 May 2022 16:20

Instrument :

MSVOA_D

ClientSampleId :

P043-SS001-2430-01

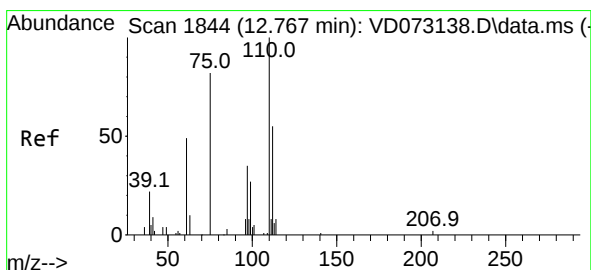
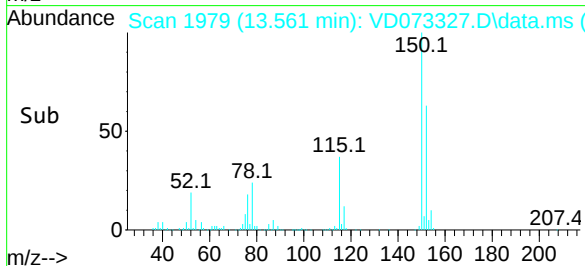
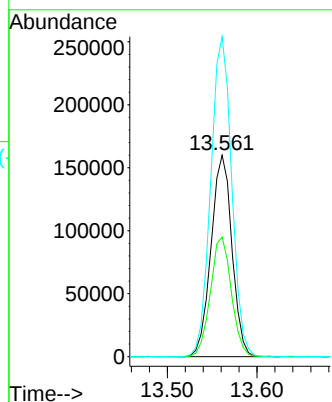
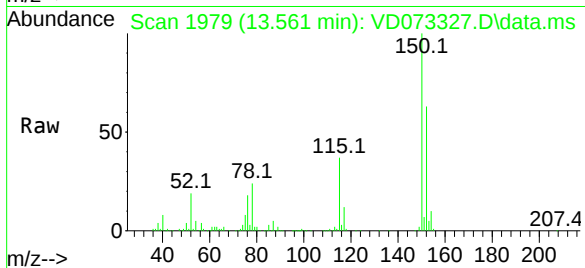
Tgt Ion:152 Resp: 258717

Ion Ratio Lower Upper

152 100

115 59.5 31.3 93.8

150 158.9 0.0 348.6



#76

1,2,3-Trichloropropane

Concen: 49.153 ug/l

RT: 12.620 min Scan# 1819

Delta R.T. -0.147 min

Lab File: VD073327.D

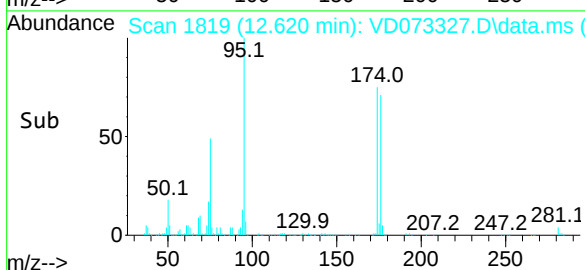
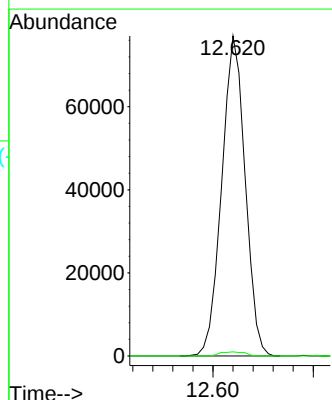
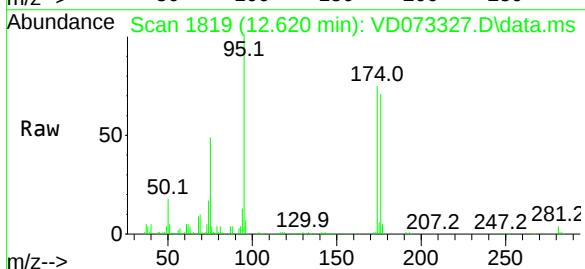
Acq: 24 May 2022 16:20

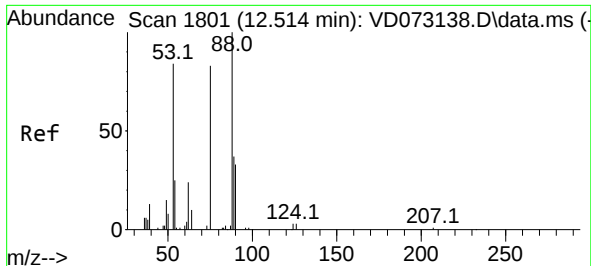
Tgt Ion: 75 Resp: 124774

Ion Ratio Lower Upper

75 100

77 1.4 0.0 0.0#

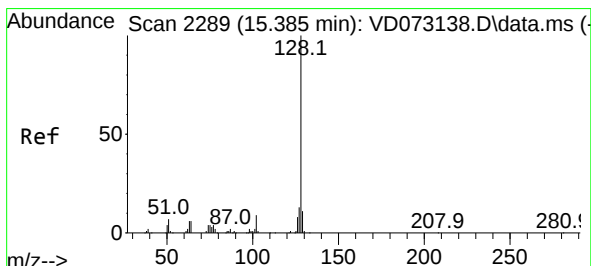
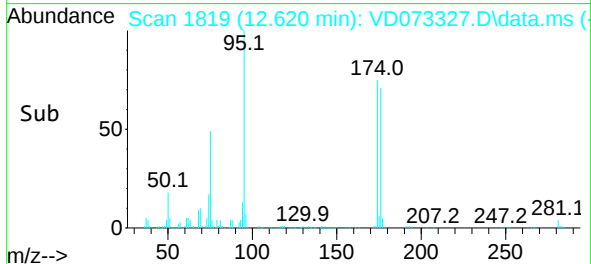
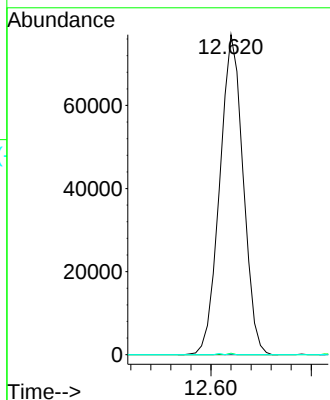
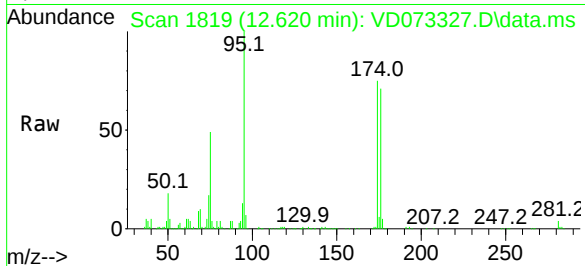




#81
 trans-1,4-Dichloro-2-butene
 Concen: 118.002 ug/l
 RT: 12.620 min Scan# 1819
 Delta R.T. 0.106 min
 Lab File: VD073327.D
 Acq: 24 May 2022 16:20

Instrument :
 MSVOA_D
 ClientSampleId :
 P043-SS001-2430-01

Tgt Ion: 75 Resp: 124774
 Ion Ratio Lower Upper
 75 100
 53 0.1 86.5 129.7#
 89 0.1 33.9 50.9#



#95
 Naphthalene
 Concen: 3.616 ug/l
 RT: 15.384 min Scan# 2289
 Delta R.T. -0.001 min
 Lab File: VD073327.D
 Acq: 24 May 2022 16:20

Tgt Ion: 128 Resp: 680
 Ion Ratio Lower Upper
 128 100
 127 0.0 10.3 15.5#
 129 0.0 8.4 12.6#

