

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061422\
 Data File : VD073564.D
 Acq On : 14 Jun 2022 12:38
 Operator : VA/SY
 Sample : N3328-01RE
 Misc : 5.05G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 BU-02-061022

Quant Time: Jun 15 01:35:58 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D060922S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 09 12:33:32 2022
 Response via : Initial Calibration

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

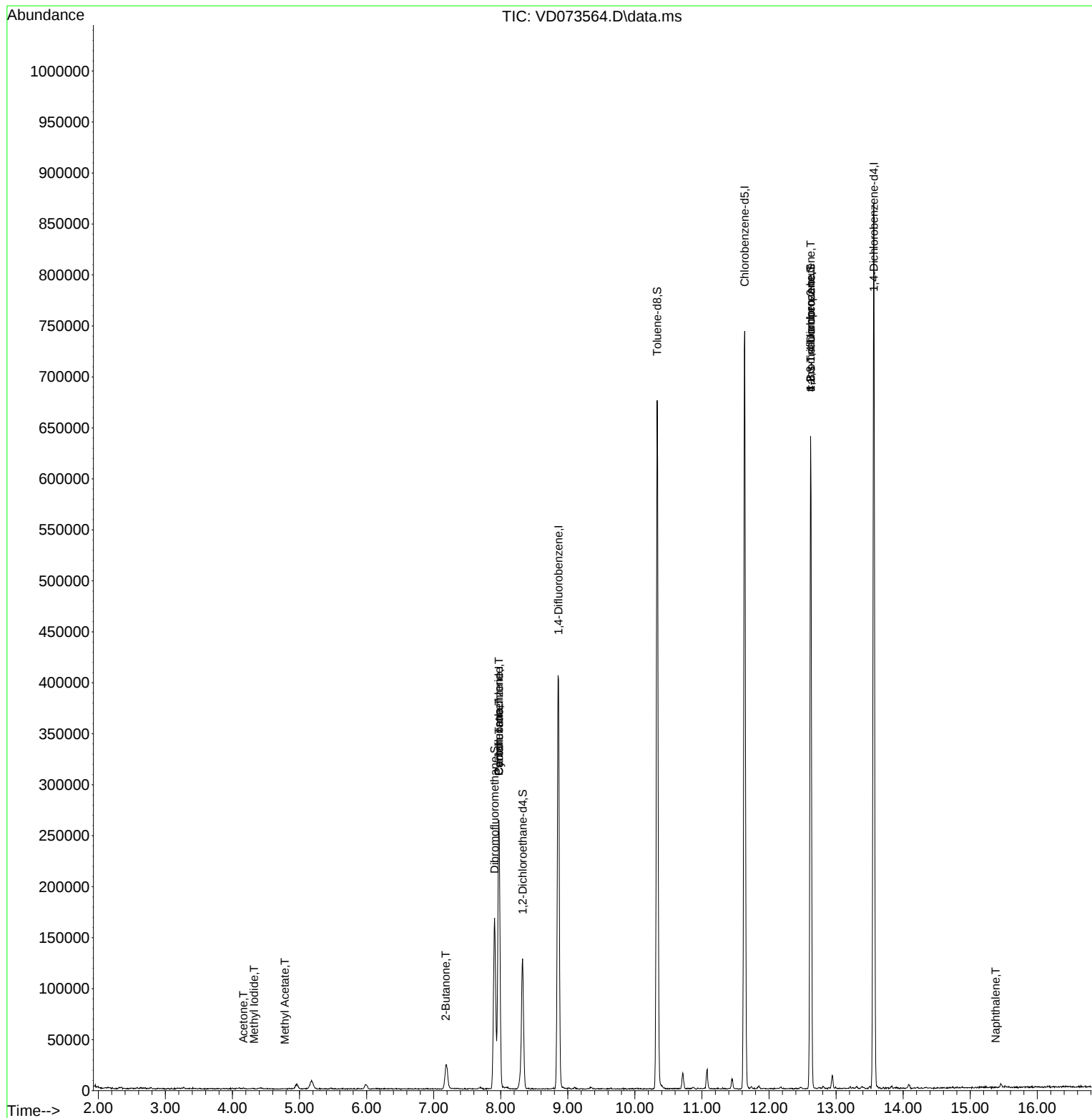
Internal Standards						
1) Pentafluorobenzene	7.973	168	196605	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	355077	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	432657	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	230969	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	102966	48.803	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	97.600%		
35) Dibromofluoromethane	7.908	113	119310	52.254	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	104.500%		
50) Toluene-d8	10.332	98	451428	52.292	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	104.580%		
62) 4-Bromofluorobenzene	12.620	95	208012	66.374	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	132.740%		
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.320	142	799	4.475	ug/l #	46
11) Tert butyl alcohol	5.173	59	8163	Below Cal	#	74
16) Acetone	4.162	43	882	2.374	ug/l #	47
18) Methyl Acetate	4.779	43	61	1.426	ug/l #	55
20) Methylene Chloride	4.950	84	3423	Below Cal	#	61
25) 2-Butanone	7.179	43	1130	2.067	ug/l #	52
31) Cyclohexane	7.973	56	5113	1.439	ug/l #	1
38) Carbon Tetrachloride	7.973	117	20428	5.694	ug/l #	16
76) 1,2,3-Trichloropropane	12.620	75	105749	47.130	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.620	75	105749	110.622	ug/l #	7
95) Naphthalene	15.379	128	644	4.274	ug/l #	70

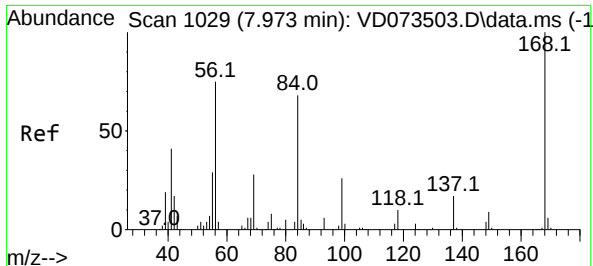
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061422\
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BU-02-061022

Quant Time: Jun 15 01:35:58 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D060922S.M
Quant Title : SW846 8260
QLast Update : Thu Jun 09 12:33:32 2022
Response via : Initial Calibration

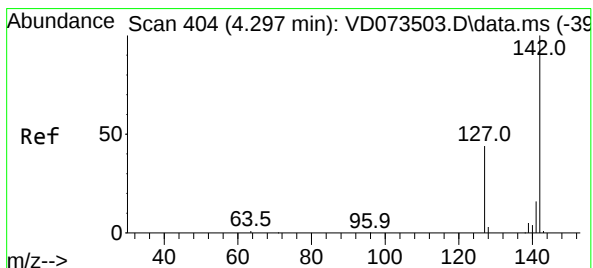
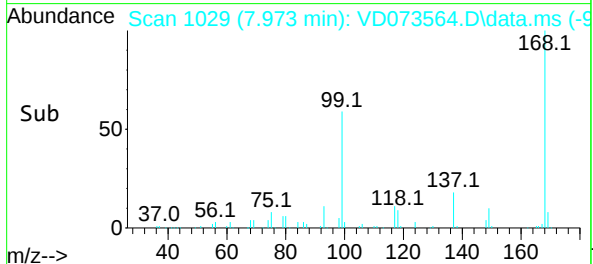
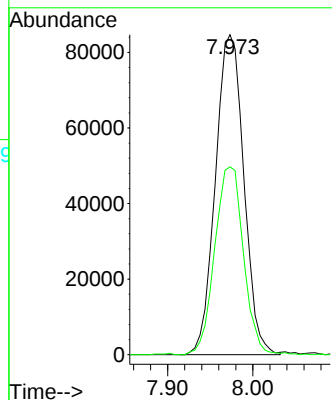
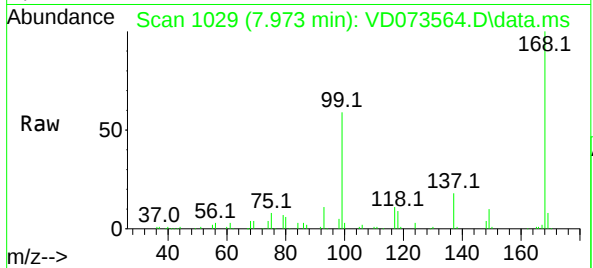




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD073564.D
Acq: 14 Jun 2022 12:38

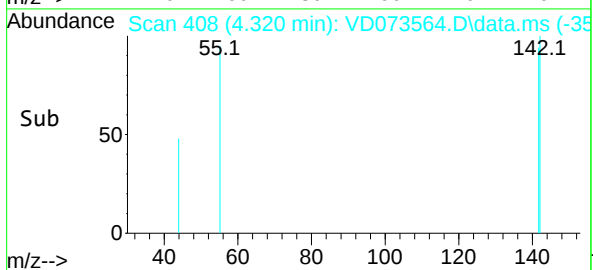
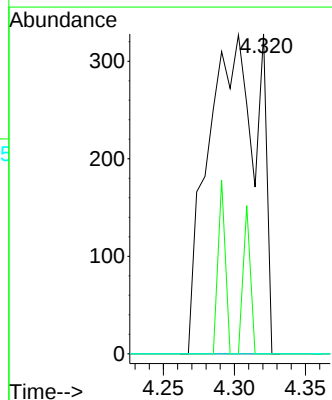
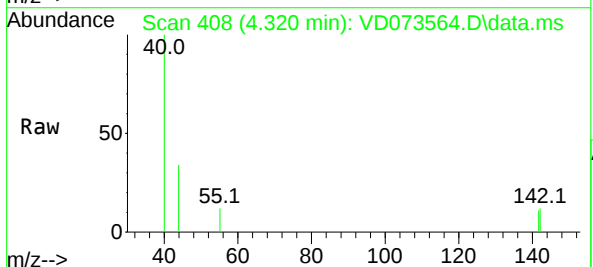
Instrument :
MSVOA_D
ClientSampleId :
BU-02-061022

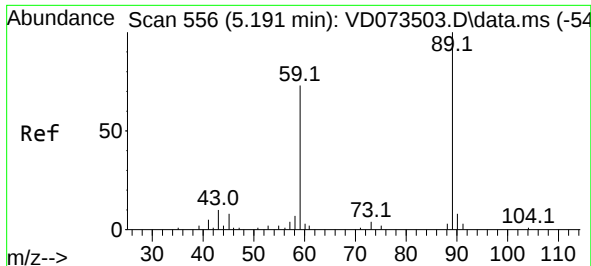
Tgt Ion:168 Resp: 196605
Ion Ratio Lower Upper
168 100
99 58.7 49.8 74.6



#10
Methyl Iodide
Concen: 4.475 ug/l
RT: 4.320 min Scan# 408
Delta R.T. 0.023 min
Lab File: VD073564.D
Acq: 14 Jun 2022 12:38

Tgt Ion:142 Resp: 799
Ion Ratio Lower Upper
142 100
127 6.8 37.3 55.9#
141 0.0 11.7 17.5#

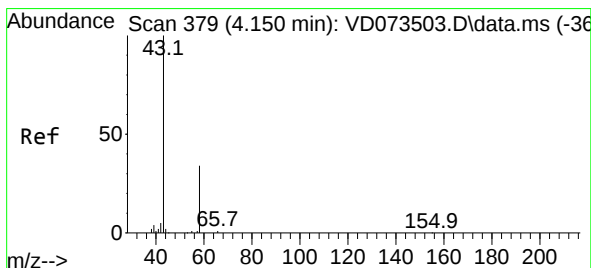
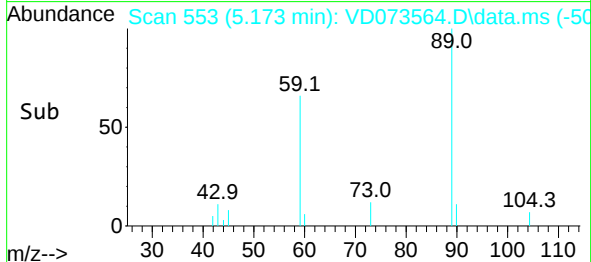
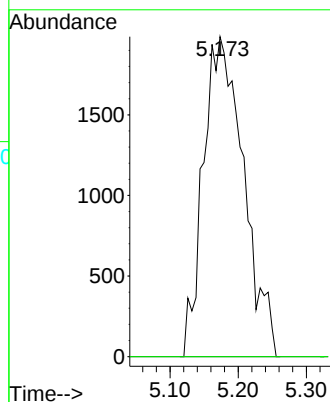
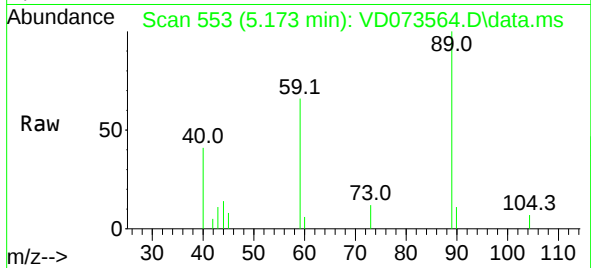




#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.173 min Scan# 511
Delta R.T. -0.018 min
Lab File: VD073564.D
Acq: 14 Jun 2022 12:38

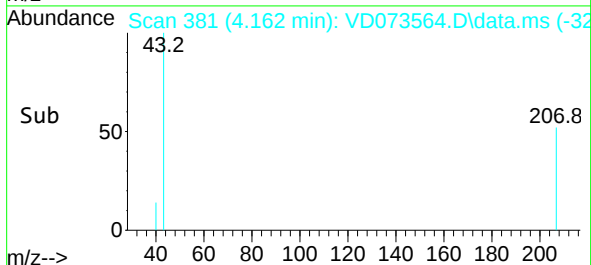
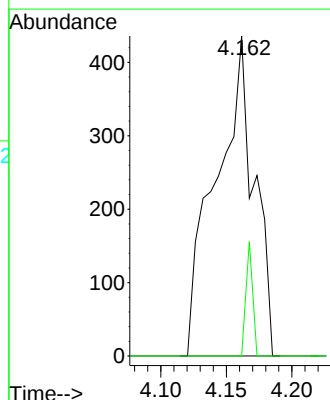
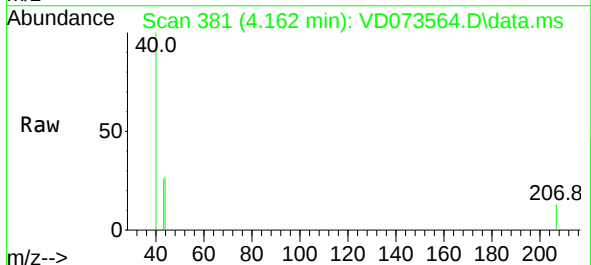
Instrument :
MSVOA_D
ClientSampleId :
BU-02-061022

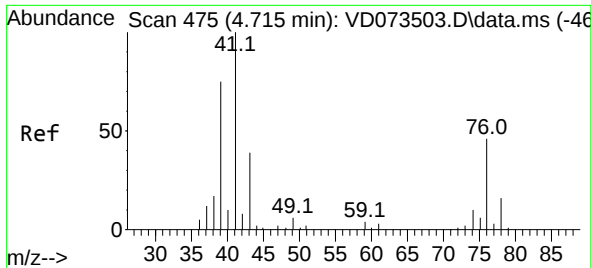
Tgt Ion: 59 Resp: 8163
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.6#



#16
Acetone
Concen: 2.374 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.012 min
Lab File: VD073564.D
Acq: 14 Jun 2022 12:38

Tgt Ion: 43 Resp: 882
Ion Ratio Lower Upper
43 100
58 0.0 22.1 33.1#

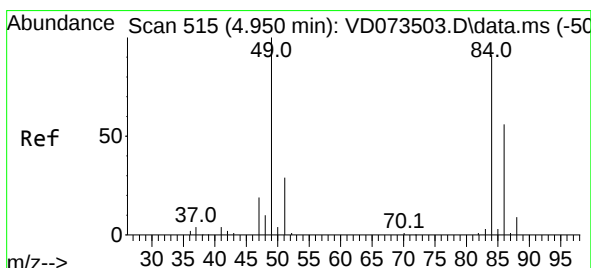
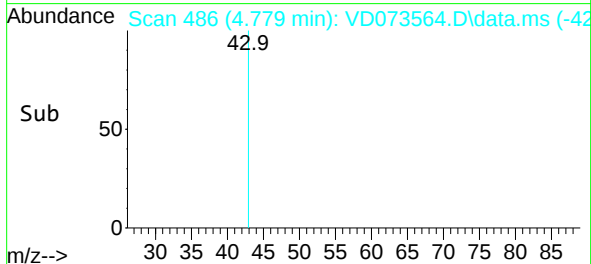
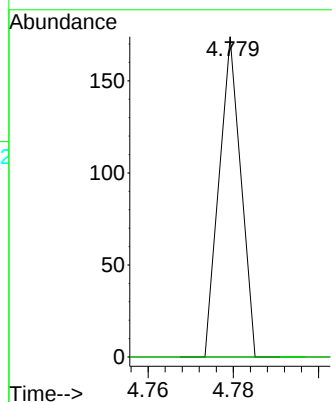
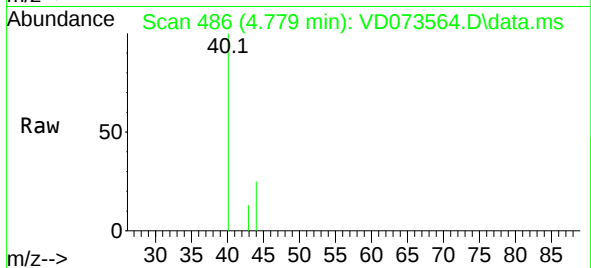




#18
Methyl Acetate
Concen: 1.426 ug/l
RT: 4.779 min Scan# 41
Delta R.T. 0.064 min
Lab File: VD073564.D
Acq: 14 Jun 2022 12:38

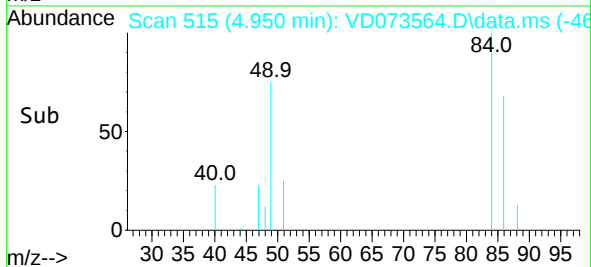
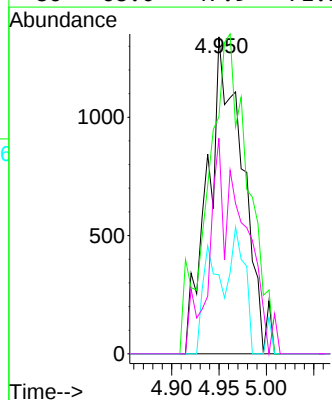
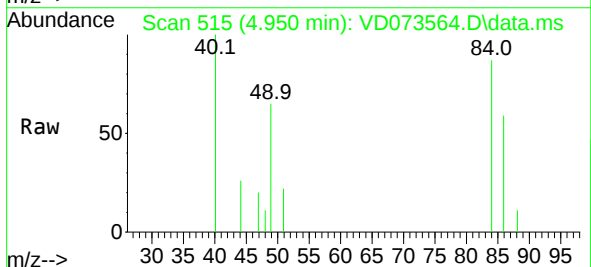
Instrument :
MSVOA_D
ClientSampleId :
BU-02-061022

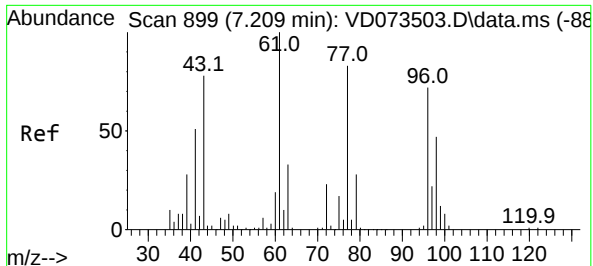
Tgt Ion: 43 Resp: 61
Ion Ratio Lower Upper
43 100
74 0.0 16.7 25.1#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.950 min Scan# 515
Delta R.T. -0.000 min
Lab File: VD073564.D
Acq: 14 Jun 2022 12:38

Tgt Ion: 84 Resp: 3423
Ion Ratio Lower Upper
84 100
49 74.8 112.8 169.2#
51 24.9 32.6 48.8#
86 68.0 47.9 71.9





#25

2-Butanone

Concen: 2.067 ug/l

RT: 7.179 min Scan# 89

Delta R.T. -0.030 min

Lab File: VD073564.D

Acq: 14 Jun 2022 12:38

Instrument :

MSVOA_D

ClientSampleId :

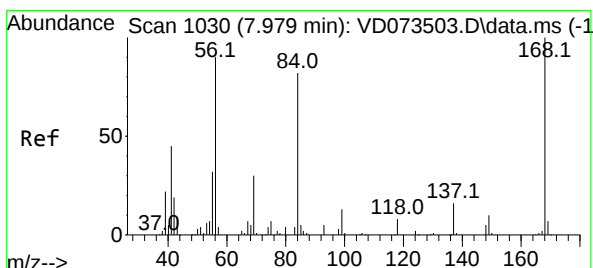
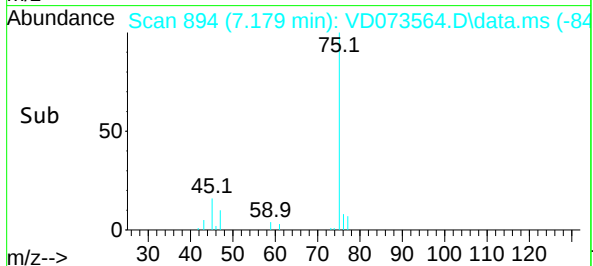
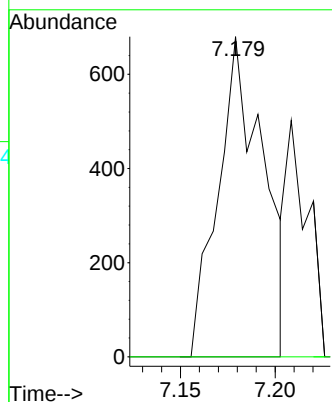
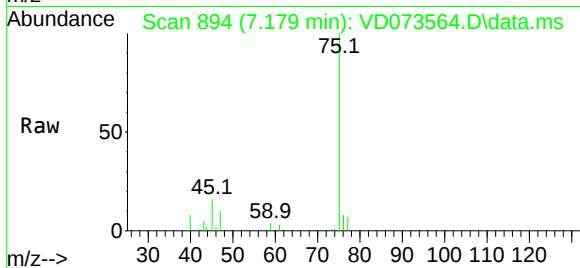
BU-02-061022

Tgt Ion: 43 Resp: 1130

Ion Ratio Lower Upper

43 100

72 0.0 18.6 27.8#



#31

Cyclohexane

Concen: 1.439 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.006 min

Lab File: VD073564.D

Acq: 14 Jun 2022 12:38

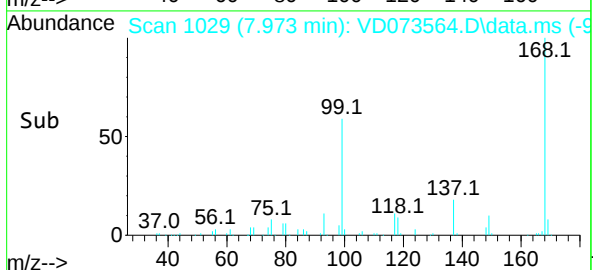
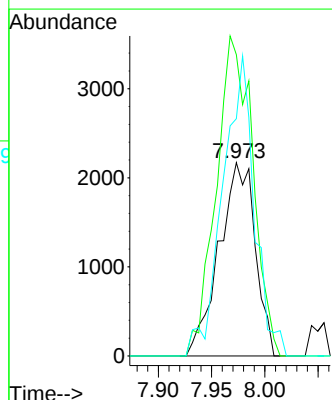
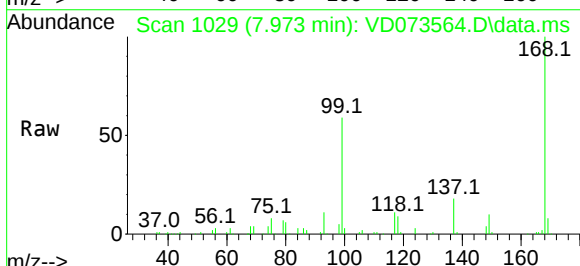
Tgt Ion: 56 Resp: 5113

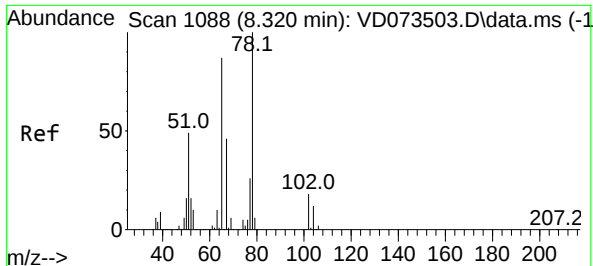
Ion Ratio Lower Upper

56 100

69 155.9 25.4 38.2#

84 122.8 63.0 94.4#





#33

1,2-Dichloroethane-d4

Concen: 48.803 ug/l

RT: 8.326 min Scan# 1180

Delta R.T. 0.006 min

Lab File: VD073564.D

Acq: 14 Jun 2022 12:38

Instrument :

MSVOA_D

ClientSampleId :

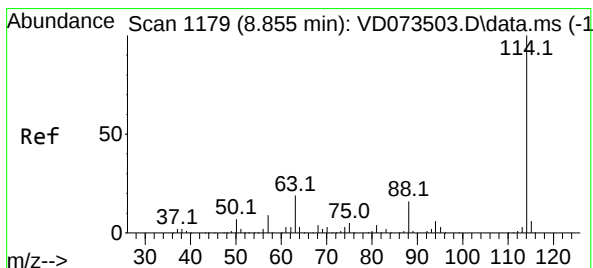
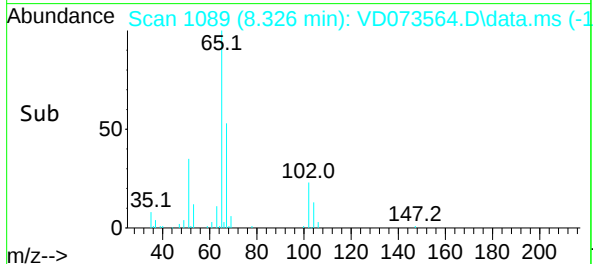
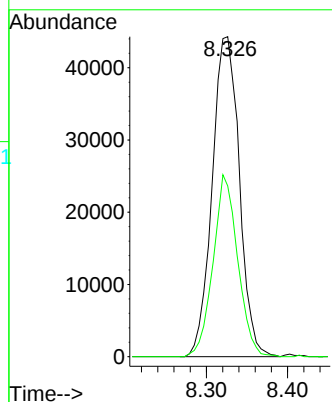
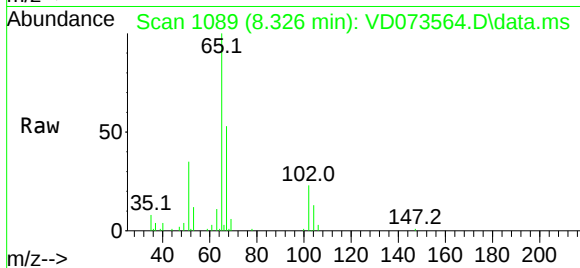
BU-02-061022

Tgt Ion: 65 Resp: 102966

Ion Ratio Lower Upper

65 100

67 51.6 0.0 101.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. 0.006 min

Lab File: VD073564.D

Acq: 14 Jun 2022 12:38

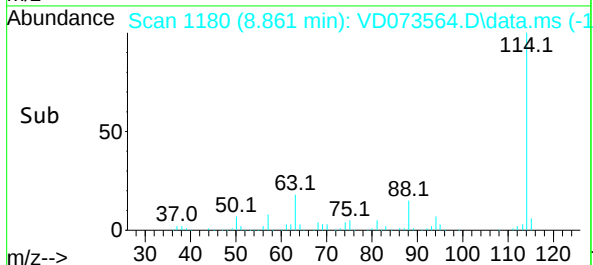
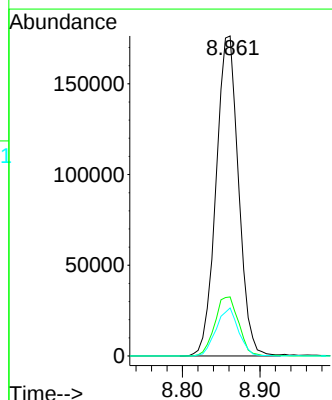
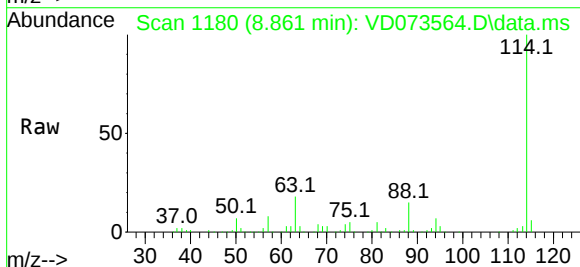
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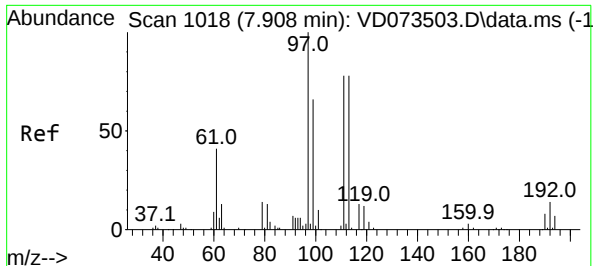
Ion Ratio Lower Upper

114 100

63 18.4 0.0 46.6

88 15.0 0.0 33.2





#35

Dibromofluoromethane

Concen: 52.254 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. 0.000 min

Lab File: VD073564.D

Acq: 14 Jun 2022 12:38

Instrument :

MSVOA_D

ClientSampleId :

BU-02-061022

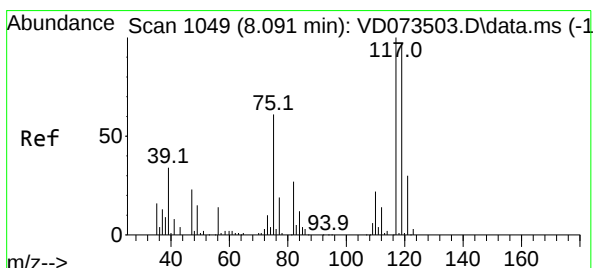
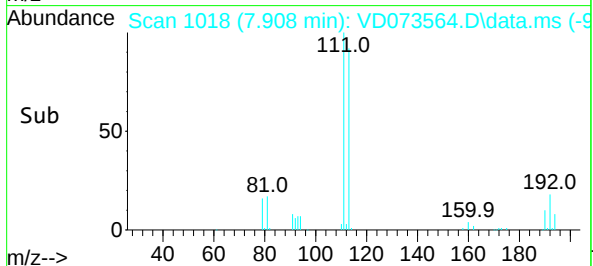
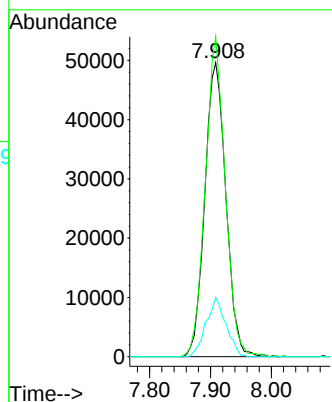
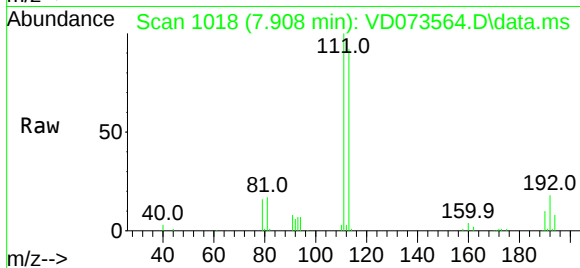
Tgt Ion:113 Resp: 119310

Ion Ratio Lower Upper

113 100

111 103.4 83.8 125.6

192 19.0 14.6 21.8



#38

Carbon Tetrachloride

Concen: 5.694 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.118 min

Lab File: VD073564.D

Acq: 14 Jun 2022 12:38

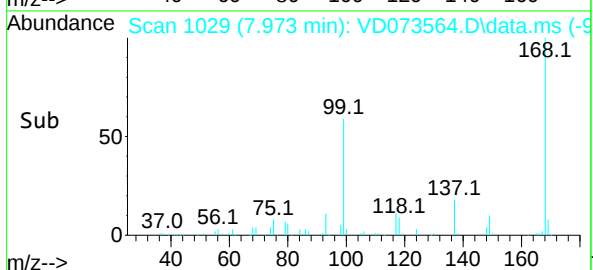
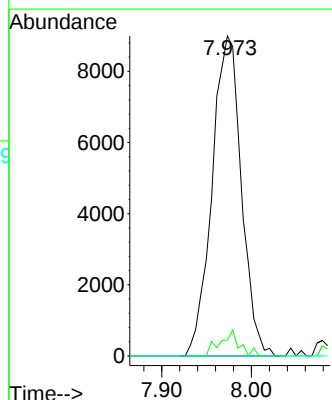
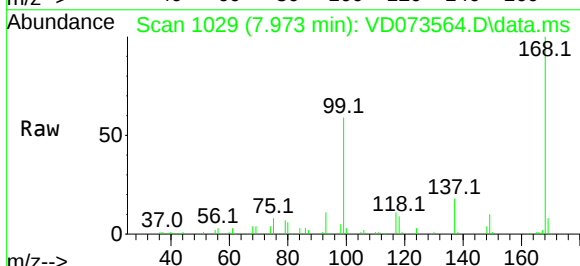
Tgt Ion:117 Resp: 20428

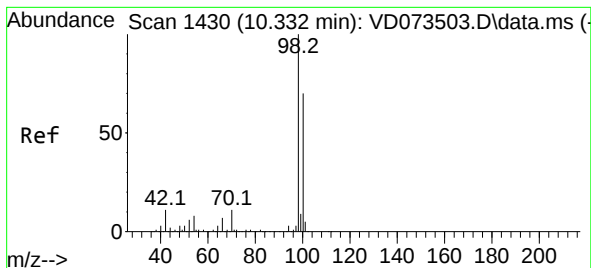
Ion Ratio Lower Upper

117 100

119 4.9 75.8 113.6#

121 0.0 24.5 36.7#





#50

Toluene-d8

Concen: 52.292 ug/l

RT: 10.332 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VD073564.D

Acq: 14 Jun 2022 12:38

Instrument :

MSVOA_D

ClientSampleId :

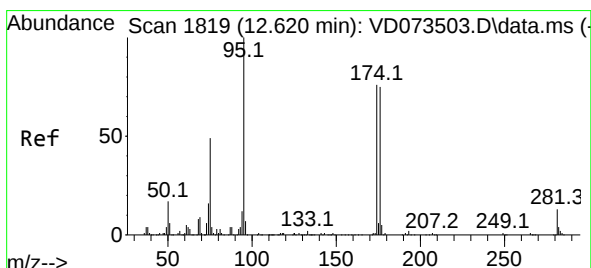
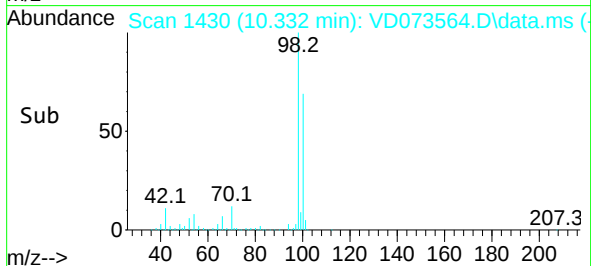
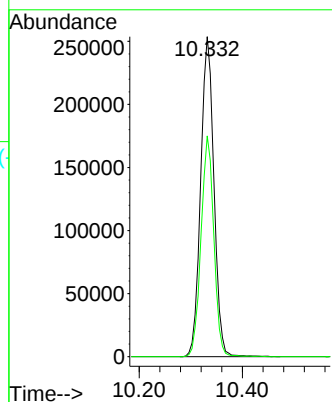
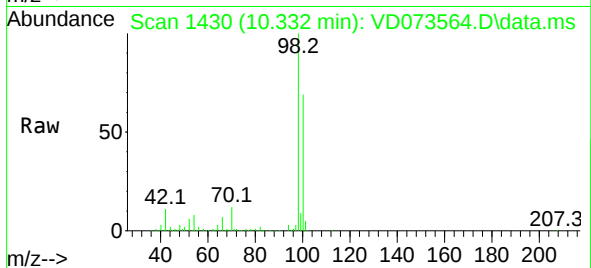
BU-02-061022

Tgt Ion: 98 Resp: 451428

Ion Ratio Lower Upper

98 100

100 66.6 52.4 78.6



#62

4-Bromofluorobenzene

Concen: 66.374 ug/l

RT: 12.620 min Scan# 1819

Delta R.T. -0.000 min

Lab File: VD073564.D

Acq: 14 Jun 2022 12:38

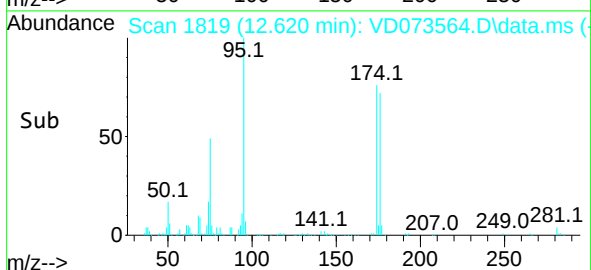
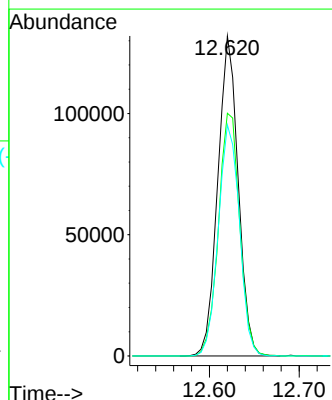
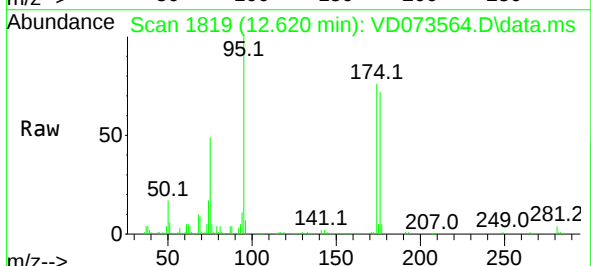
Tgt Ion: 95 Resp: 208012

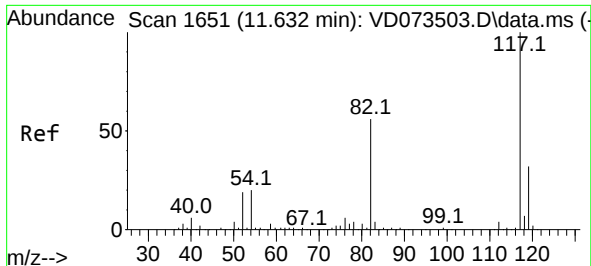
Ion Ratio Lower Upper

95 100

174 79.2 0.0 152.8

176 74.9 0.0 145.4

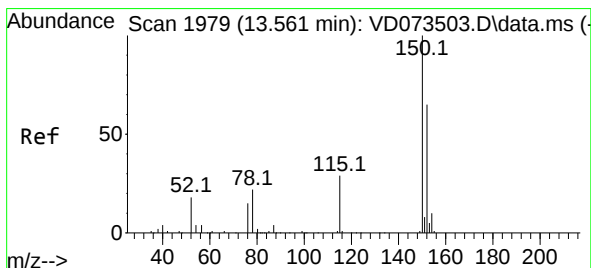
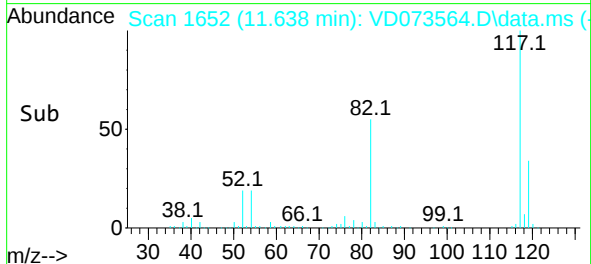
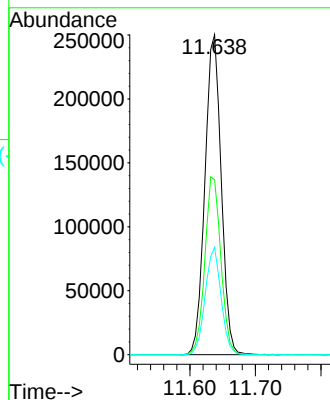
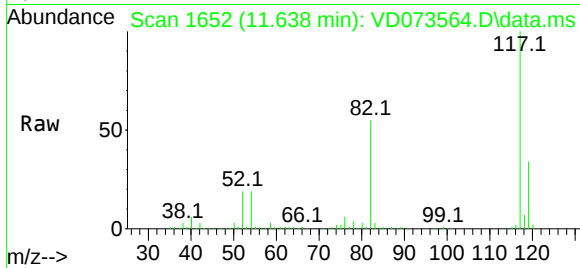




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 117
Delta R.T. 0.006 min
Lab File: VD073564.D
Acq: 14 Jun 2022 12:38

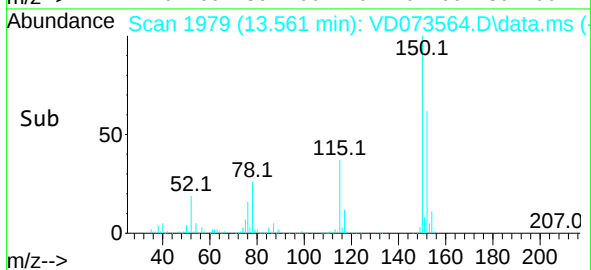
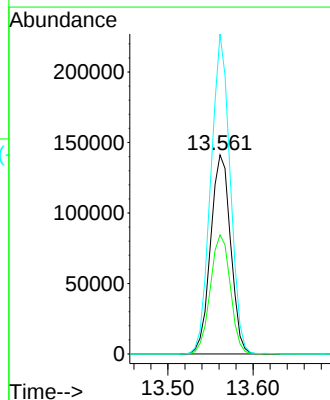
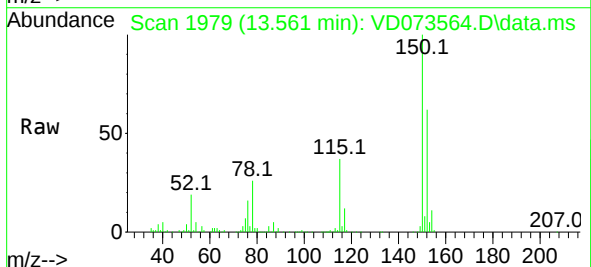
Instrument :
MSVOA_D
ClientSampleId :
BU-02-061022

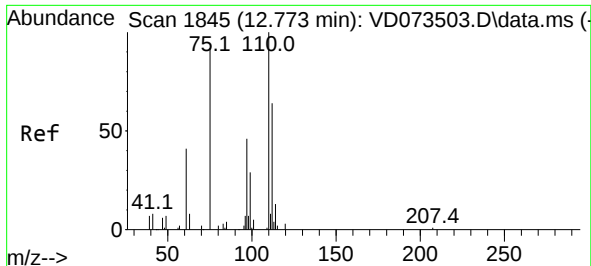
Tgt Ion:117 Resp: 432657
Ion Ratio Lower Upper
117 100
82 54.7 45.3 67.9
119 33.6 26.6 40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD073564.D
Acq: 14 Jun 2022 12:38

Tgt Ion:152 Resp: 230969
Ion Ratio Lower Upper
152 100
115 59.6 31.3 93.8
150 154.9 0.0 348.6

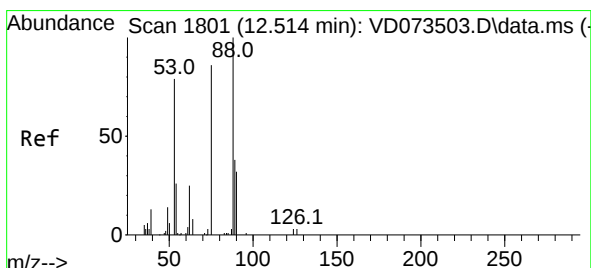
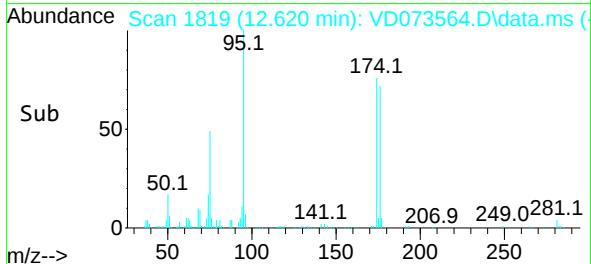
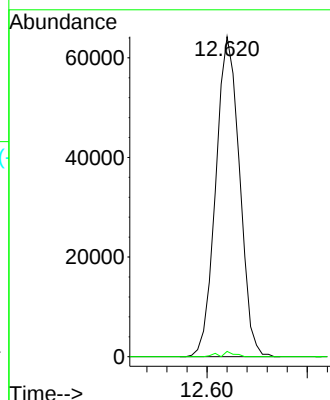
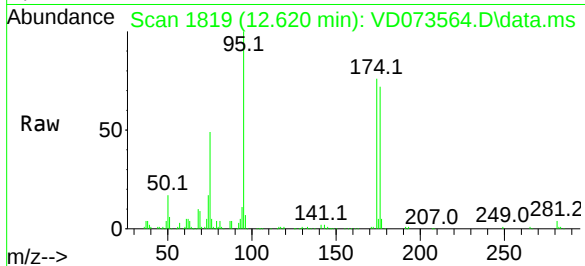




#76
1,2,3-Trichloropropane
Concen: 47.130 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.153 min
Lab File: VD073564.D
Acq: 14 Jun 2022 12:38

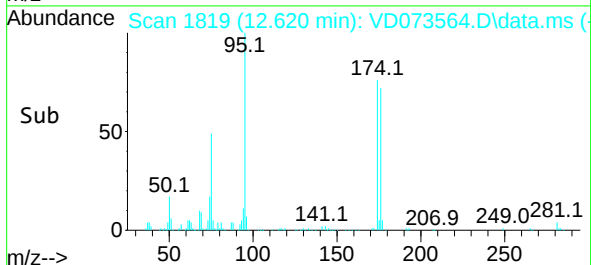
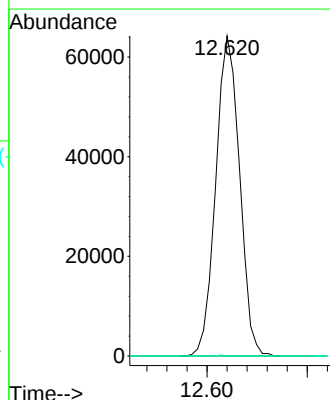
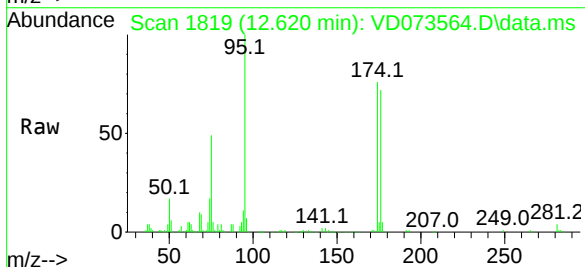
Instrument :
MSVOA_D
ClientSampleId :
BU-02-061022

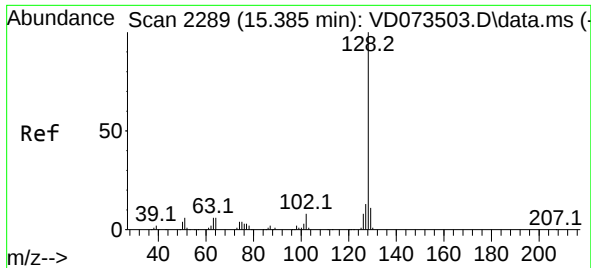
Tgt Ion: 75 Resp: 105749
Ion Ratio Lower Upper
75 100
77 1.0 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 110.622 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.106 min
Lab File: VD073564.D
Acq: 14 Jun 2022 12:38

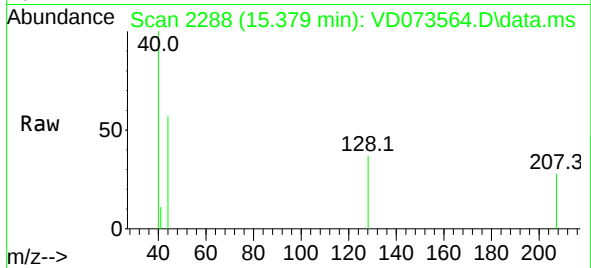
Tgt Ion: 75 Resp: 105749
Ion Ratio Lower Upper
75 100
53 0.1 86.5 129.7#
89 0.0 33.9 50.9#





#95
Naphthalene
Concen: 4.274 ug/l
RT: 15.379 min Scan# 21
Delta R.T. -0.006 min
Lab File: VD073564.D
Acq: 14 Jun 2022 12:38

Instrument :
MSVOA_D
ClientSampleId :
BU-02-061022



Tgt Ion:128 Resp: 644
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.4 12.6#

