

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060622\
 Data File : VD073484.D
 Acq On : 06 Jun 2022 19:46
 Operator : VA/SY
 Sample : N3206-01
 Misc : 5.01G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 CL-01-060322

Quant Time: Jun 07 01:14:22 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)

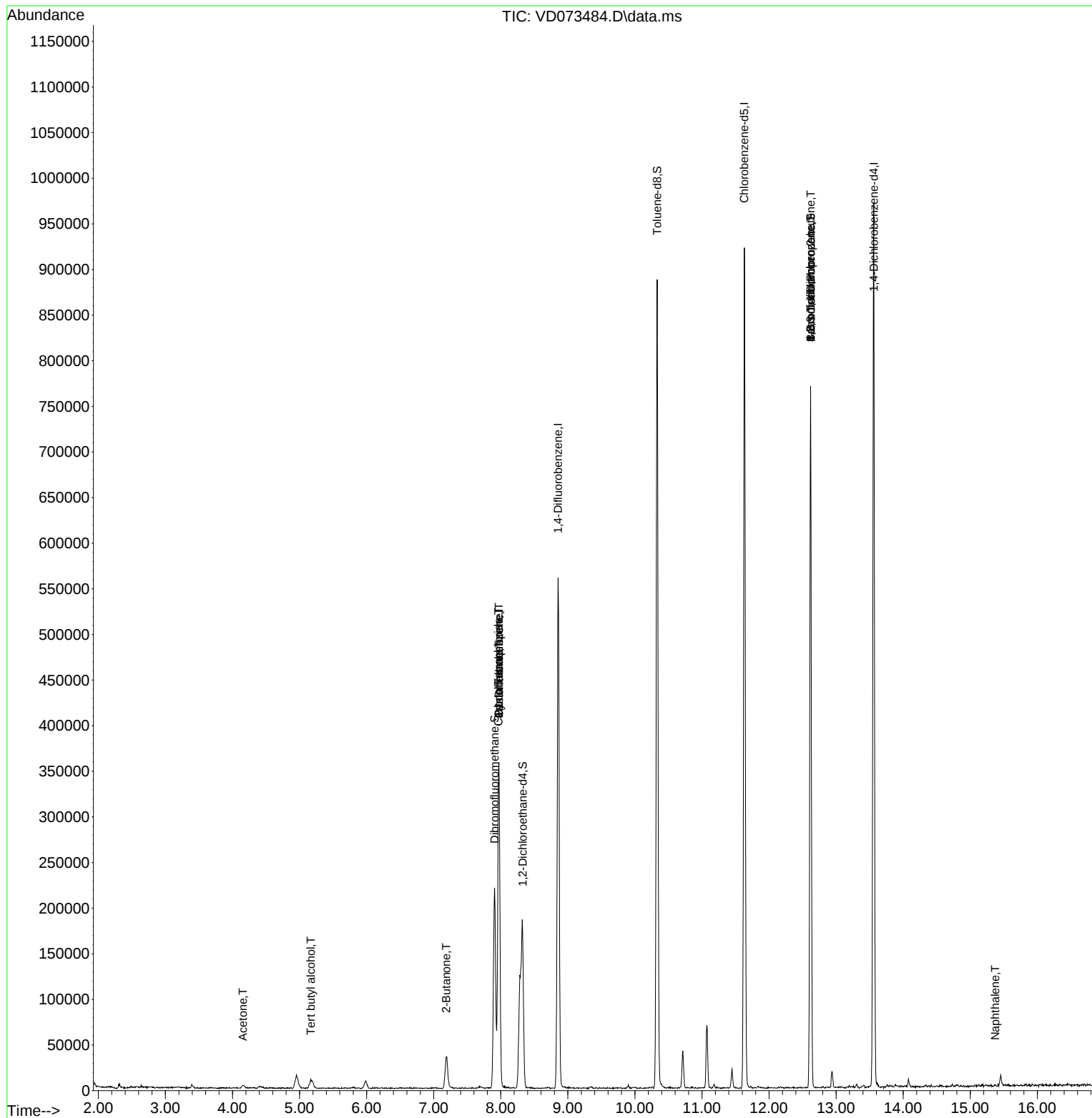
Internal Standards						
1) Pentafluorobenzene	7.973	168	266435	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	487418	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	535851	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	259725	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	132005	44.831	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	89.660%		
35) Dibromofluoromethane	7.908	113	158616	49.316	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	98.640%		
50) Toluene-d8	10.332	98	599928	50.601	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	101.200%		
62) 4-Bromofluorobenzene	12.620	95	236282	56.788	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	113.580%		
Target Compounds						
					Qvalue	
5) Bromomethane	2.785	94	442	Below Cal	#	45
11) Tert butyl alcohol	5.167	59	8873	19.423	ug/l #	74
16) Acetone	4.156	43	6439	12.625	ug/l #	76
20) Methylene Chloride	4.950	84	11167	Below Cal	#	66
25) 2-Butanone	7.185	43	1432	1.919	ug/l #	52
31) Cyclohexane	7.973	56	6166	1.198	ug/l #	18
36) 1,1-Dichloropropene	7.973	75	21490	4.443	ug/l #	51
38) Carbon Tetrachloride	7.967	117	27189	5.545	ug/l #	17
71) Bromoform	12.620	173	2239	1.067	ug/l #	1
76) 1,2,3-Trichloropropane	12.620	75	123388	48.419	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.620	75	123388	116.239	ug/l #	7
95) Naphthalene	15.373	128	1080	3.659	ug/l #	79

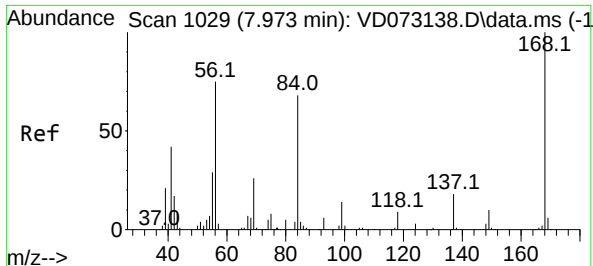
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060622\
Data File : VD073484.D
Acq On : 06 Jun 2022 19:46
Operator : VA/SY
Sample : N3206-01
Misc : 5.01G/5.00ml/MSVOA_D/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
CL-01-060322

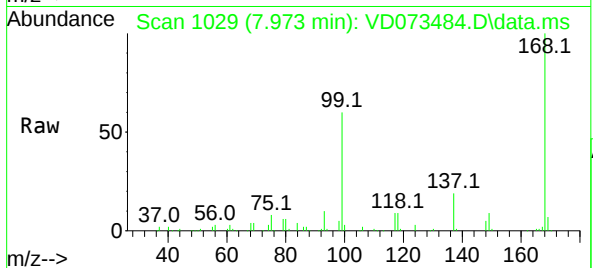
Quant Time: Jun 07 01:14:22 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051922S.M
Quant Title : SW846 8260
QLast Update : Thu May 19 15:13:42 2022
Response via : Initial Calibration



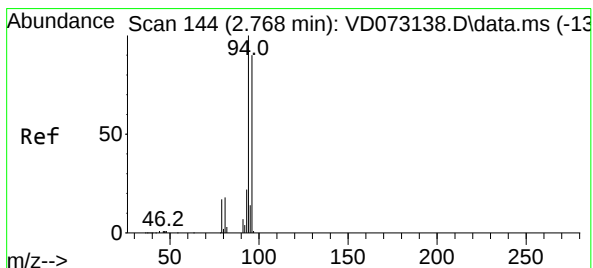
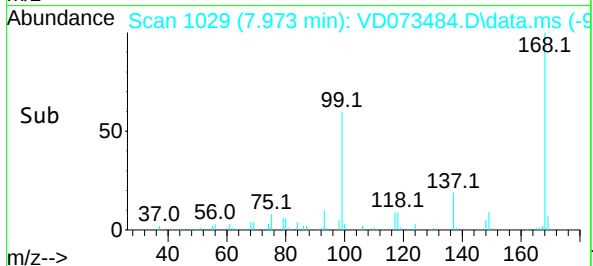
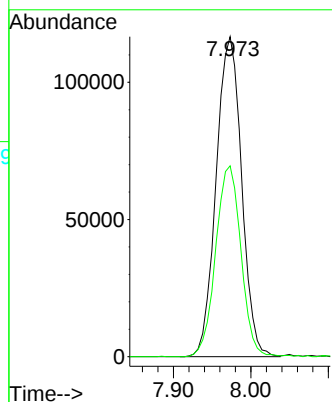


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD073484.D
Acq: 06 Jun 2022 19:46

Instrument :
MSVOA_D
ClientSampleId :
CL-01-060322

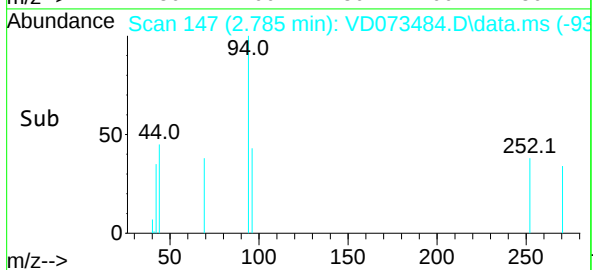
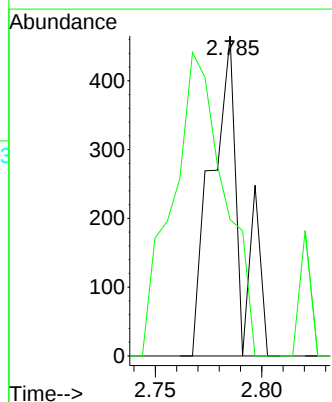
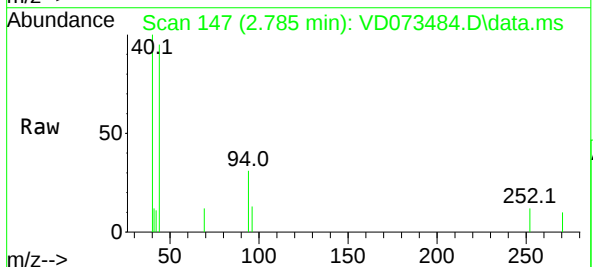


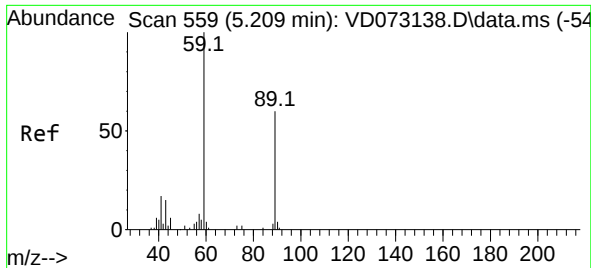
Tgt Ion:168 Resp: 266435
Ion Ratio Lower Upper
168 100
99 59.7 49.8 74.6



#5
Bromomethane
Concen: Below Cal
RT: 2.785 min Scan# 147
Delta R.T. 0.017 min
Lab File: VD073484.D
Acq: 06 Jun 2022 19:46

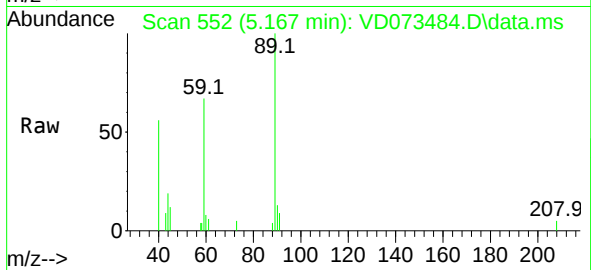
Tgt Ion: 94 Resp: 442
Ion Ratio Lower Upper
94 100
96 42.6 77.6 116.4#



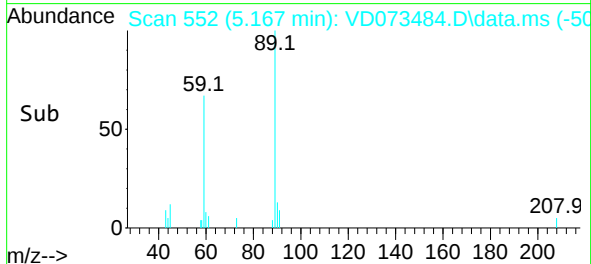
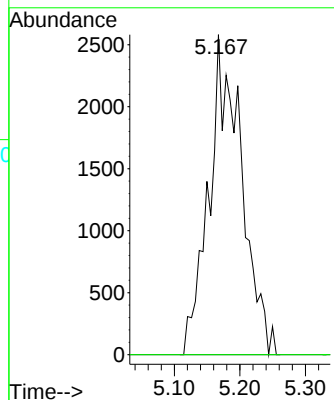


#11
Tert butyl alcohol
Concen: 19.423 ug/l
RT: 5.167 min Scan# 511
Delta R.T. -0.042 min
Lab File: VD073484.D
Acq: 06 Jun 2022 19:46

Instrument :
MSVOA_D
ClientSampleId :
CL-01-060322

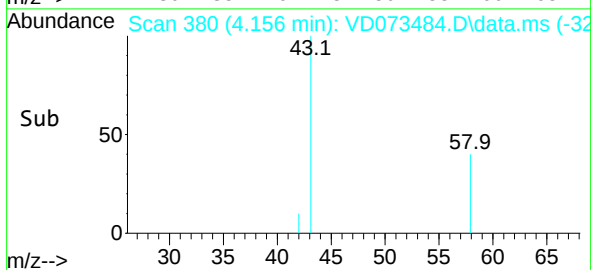
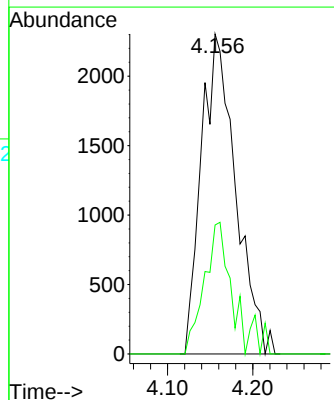
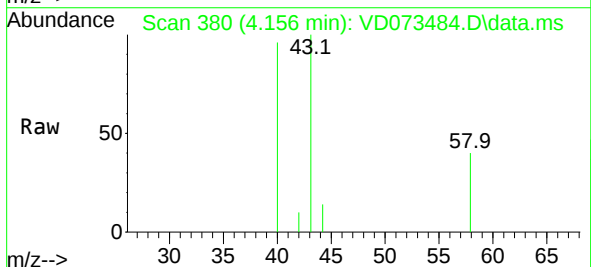


Tgt Ion: 59 Resp: 8873
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.6#



#16
Acetone
Concen: 12.625 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.000 min
Lab File: VD073484.D
Acq: 06 Jun 2022 19:46

Tgt Ion: 43 Resp: 6439
Ion Ratio Lower Upper
43 100
58 40.3 22.1 33.1#

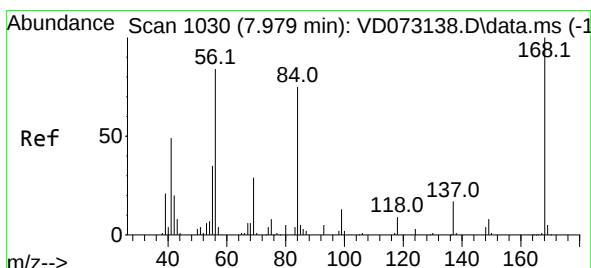
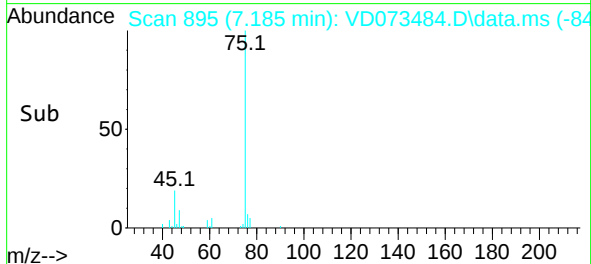
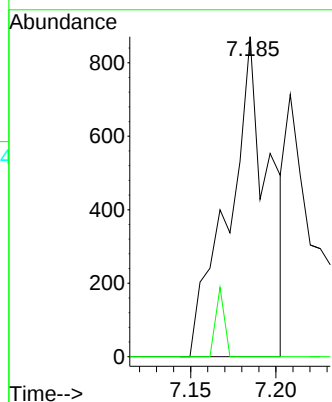
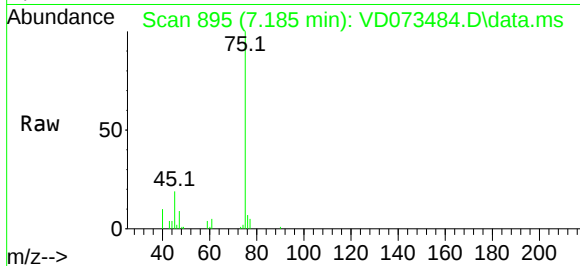




#25
2-Butanone
Concen: 1.919 ug/l
RT: 7.185 min Scan# 899
Delta R.T. -0.023 min
Lab File: VD073484.D
Acq: 06 Jun 2022 19:46

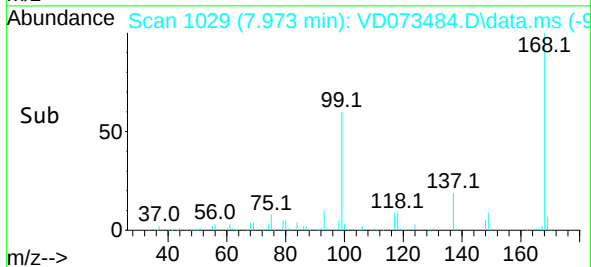
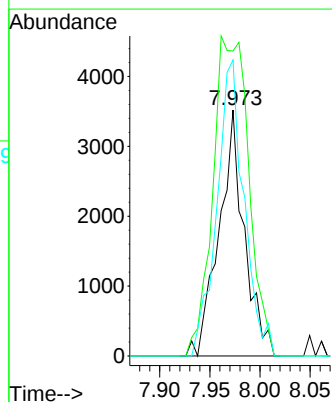
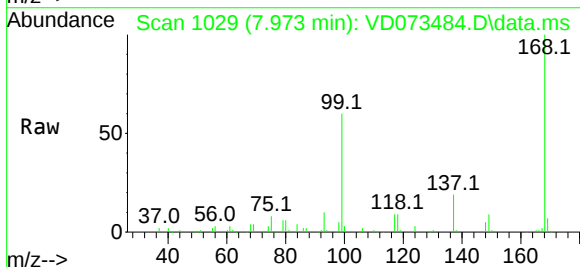
Instrument :
MSVOA_D
ClientSampleId :
CL-01-060322

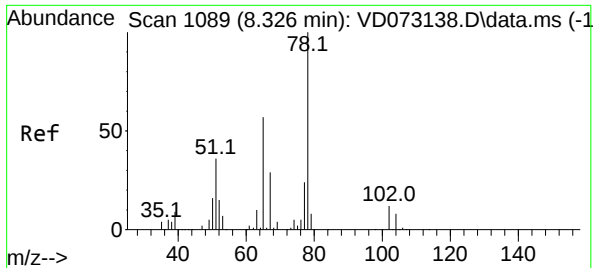
Tgt Ion: 43 Resp: 1432
Ion Ratio Lower Upper
43 100
72 0.0 18.6 27.8#



#31
Cyclohexane
Concen: 1.198 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD073484.D
Acq: 06 Jun 2022 19:46

Tgt Ion: 56 Resp: 6166
Ion Ratio Lower Upper
56 100
69 124.0 25.4 38.2#
84 120.3 63.0 94.4#





#33

1,2-Dichloroethane-d4

Concen: 44.831 ug/l

RT: 8.326 min Scan# 1108

Delta R.T. -0.000 min

Lab File: VD073484.D

Acq: 06 Jun 2022 19:46

Instrument :

MSVOA_D

ClientSampleId :

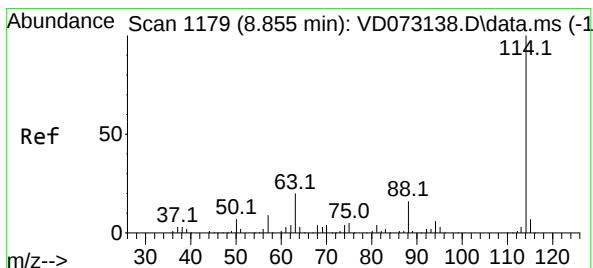
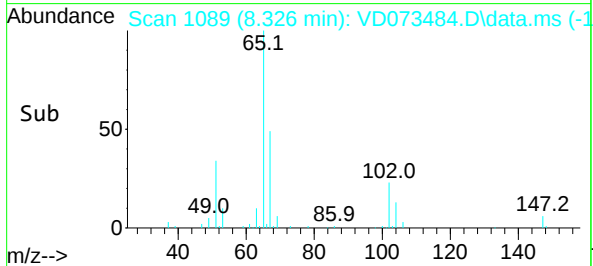
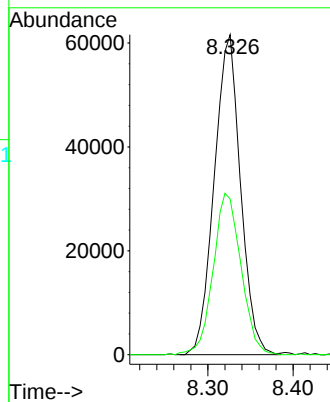
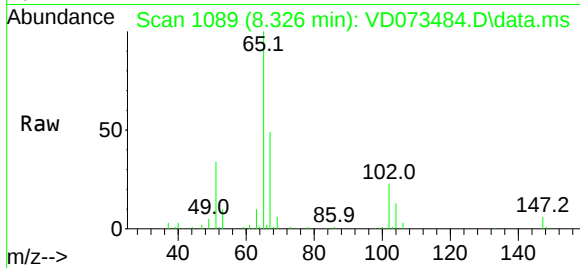
CL-01-060322

Tgt Ion: 65 Resp: 132005

Ion Ratio Lower Upper

65 100

67 53.4 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: VD073484.D

Acq: 06 Jun 2022 19:46

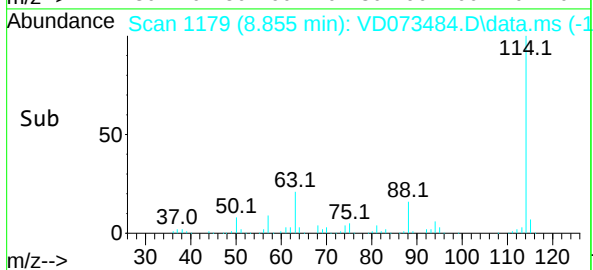
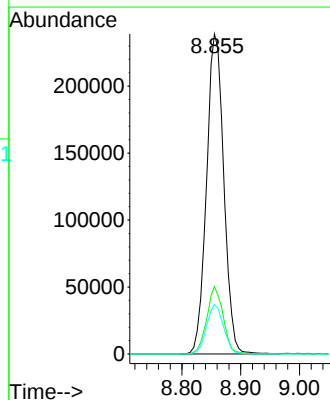
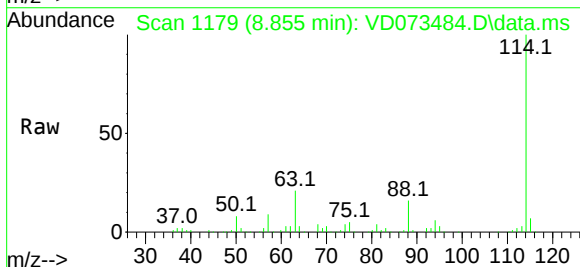
Tgt Ion: 114 Resp: 487418

Ion Ratio Lower Upper

114 100

63 21.1 0.0 46.6

88 15.5 0.0 33.2





#35

Dibromofluoromethane

Concen: 49.316 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. -0.006 min

Lab File: VD073484.D

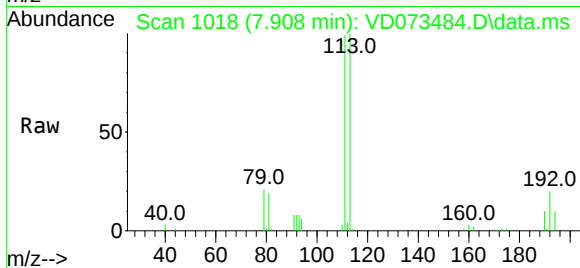
Acq: 06 Jun 2022 19:46

Instrument :

MSVOA_D

ClientSampleId :

CL-01-060322



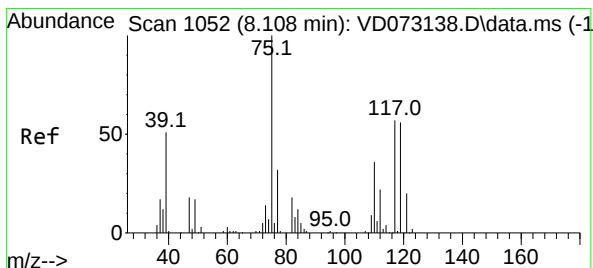
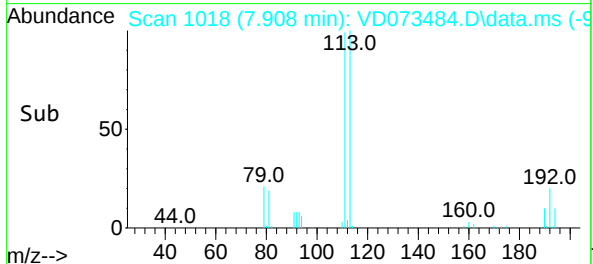
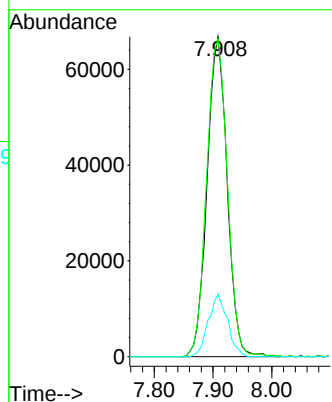
Tgt Ion:113 Resp: 158616

Ion Ratio Lower Upper

113 100

111 102.8 83.8 125.6

192 18.7 14.6 21.8



#36

1,1-Dichloropropene

Concen: 4.443 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.135 min

Lab File: VD073484.D

Acq: 06 Jun 2022 19:46

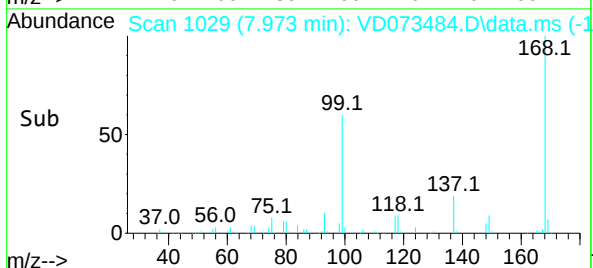
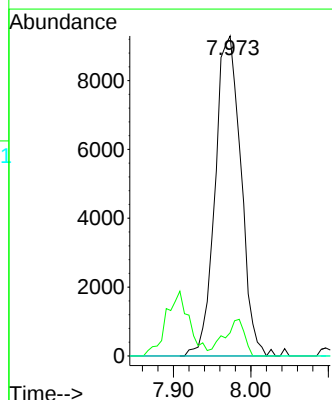
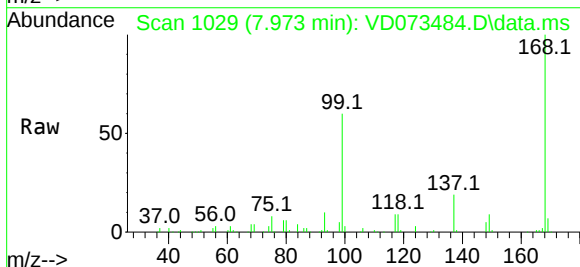
Tgt Ion: 75 Resp: 21490

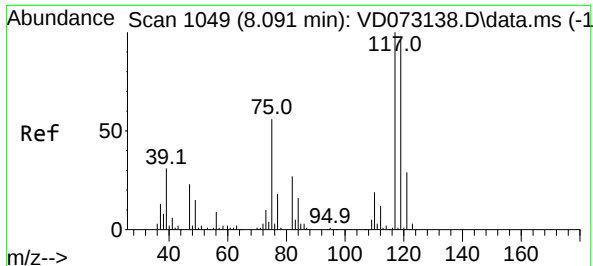
Ion Ratio Lower Upper

75 100

110 9.0 16.4 49.1#

77 0.0 24.2 36.2#

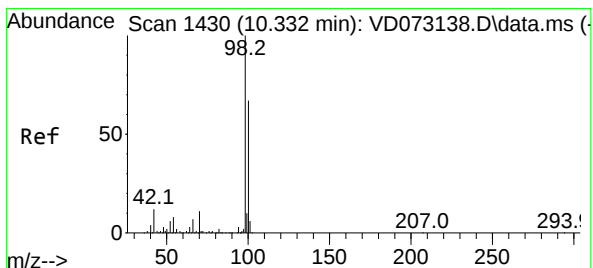
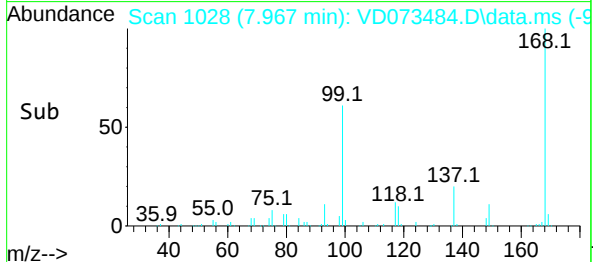
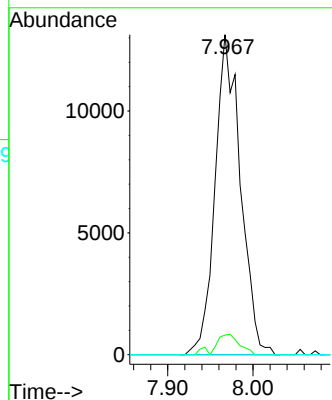
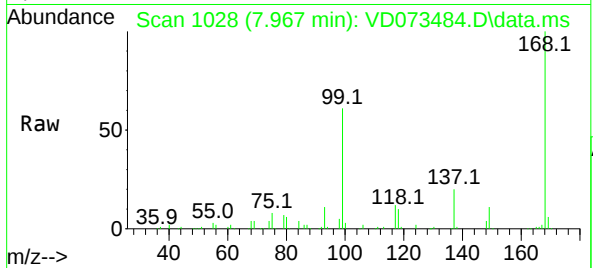




#38
Carbon Tetrachloride
Concen: 5.545 ug/l
RT: 7.967 min Scan# 1049
Delta R.T. -0.124 min
Lab File: VD073484.D
Acq: 06 Jun 2022 19:46

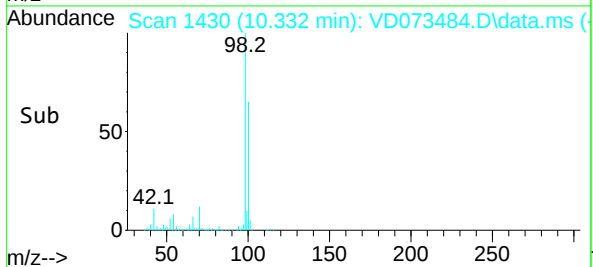
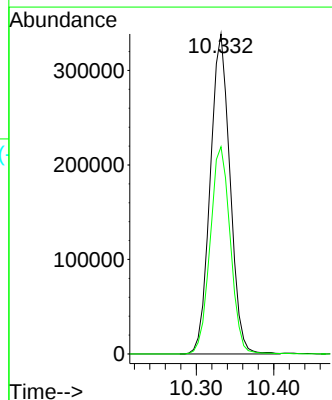
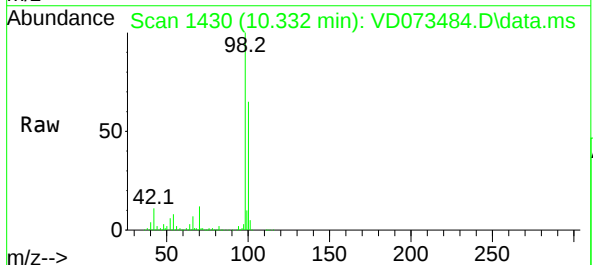
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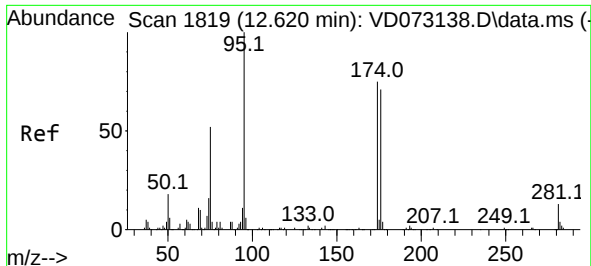
Tgt Ion:117 Resp: 27189
Ion Ratio Lower Upper
117 100
119 6.1 75.8 113.6#
121 0.0 24.5 36.7#



#50
Toluene-d8
Concen: 50.601 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073484.D
Acq: 06 Jun 2022 19:46

Tgt Ion: 98 Resp: 599928
Ion Ratio Lower Upper
98 100
100 65.9 52.4 78.6

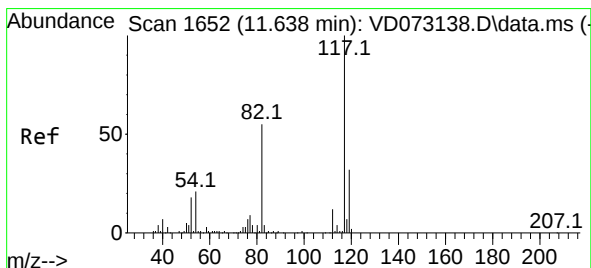
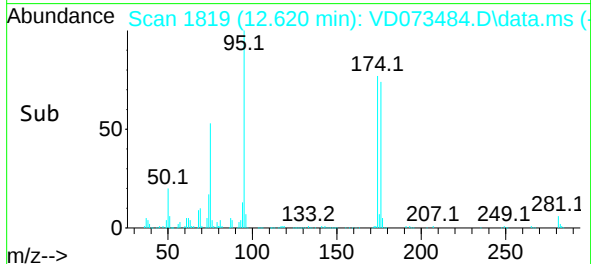
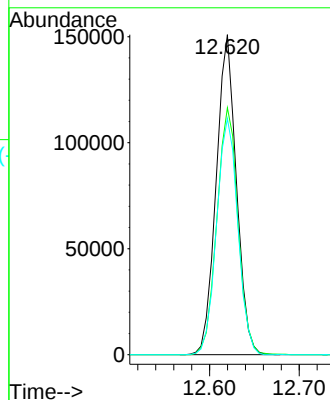
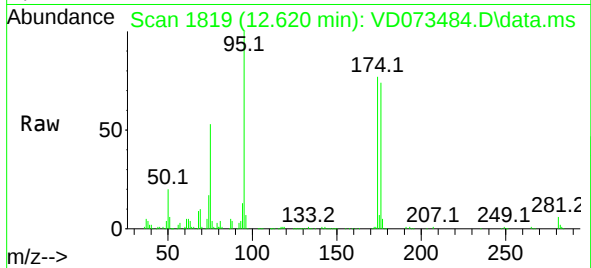




#62
4-Bromofluorobenzene
Concen: 56.788 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD073484.D
Acq: 06 Jun 2022 19:46

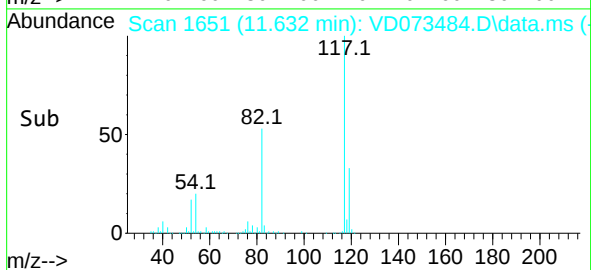
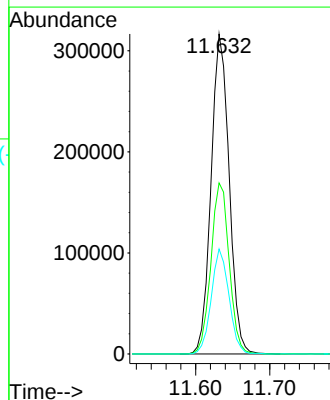
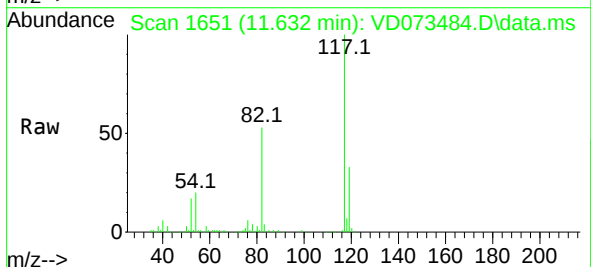
Instrument :
MSVOA_D
ClientSampleId :
CL-01-060322

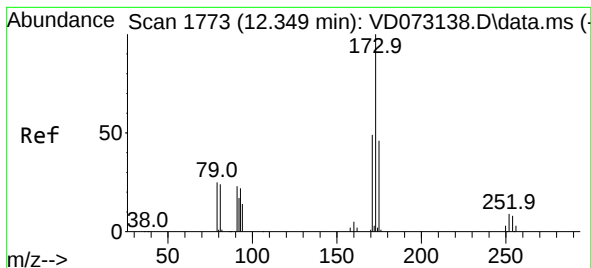
Tgt Ion: 95 Resp: 236282
Ion Ratio Lower Upper
95 100
174 80.4 0.0 152.8
176 77.2 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 1651
Delta R.T. -0.006 min
Lab File: VD073484.D
Acq: 06 Jun 2022 19:46

Tgt Ion: 117 Resp: 535851
Ion Ratio Lower Upper
117 100
82 53.4 45.3 67.9
119 32.8 26.6 40.0





#71

Bromoform

Concen: 1.067 ug/l

RT: 12.620 min Scan# 1819

Delta R.T. 0.271 min

Lab File: VD073484.D

Acq: 06 Jun 2022 19:46

Instrument :

MSVOA_D

ClientSampleId :

CL-01-060322

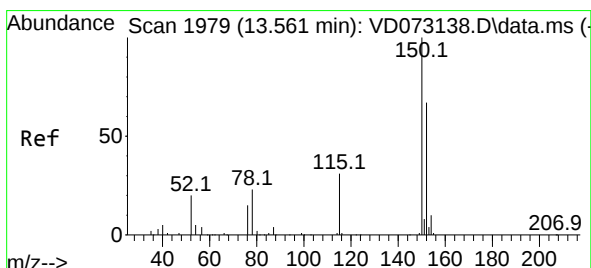
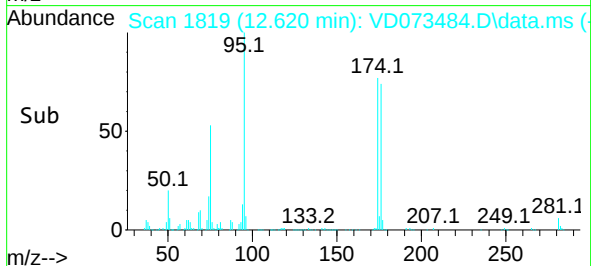
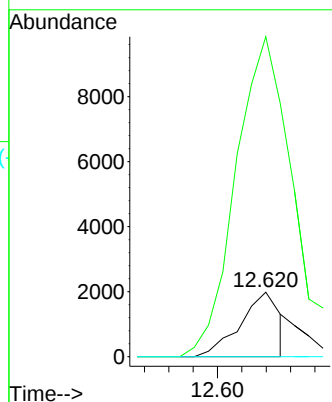
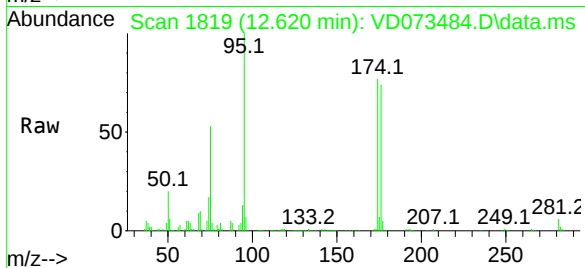
Tgt Ion:173 Resp: 2239

Ion Ratio Lower Upper

173 100

175 569.3 23.9 71.8#

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.561 min Scan# 1979

Delta R.T. -0.000 min

Lab File: VD073484.D

Acq: 06 Jun 2022 19:46

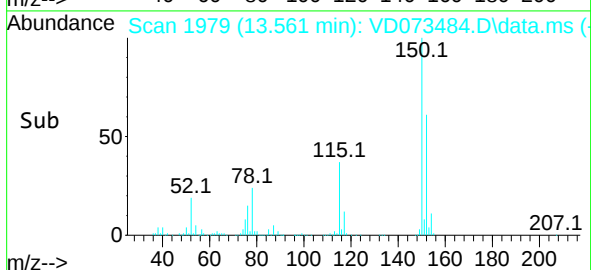
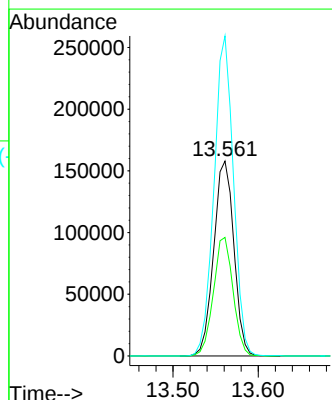
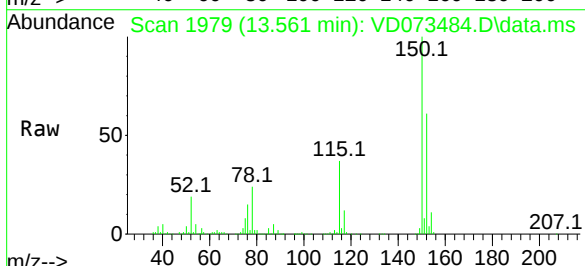
Tgt Ion:152 Resp: 259725

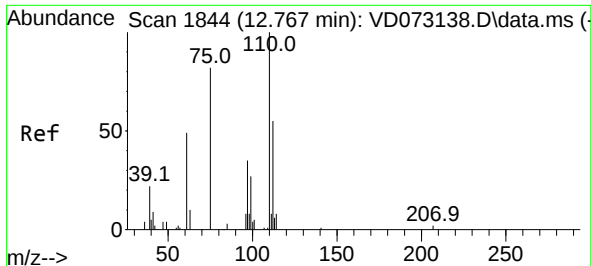
Ion Ratio Lower Upper

152 100

115 59.2 31.3 93.8

150 158.4 0.0 348.6

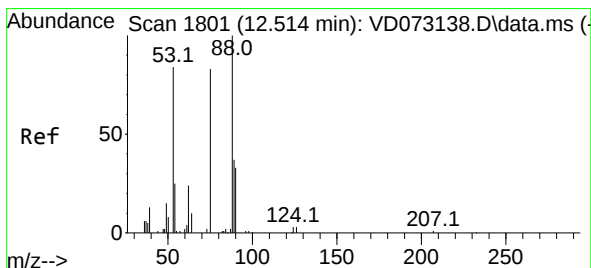
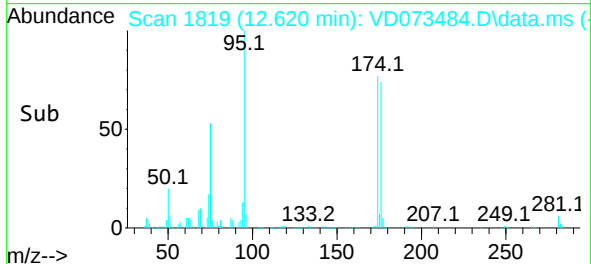
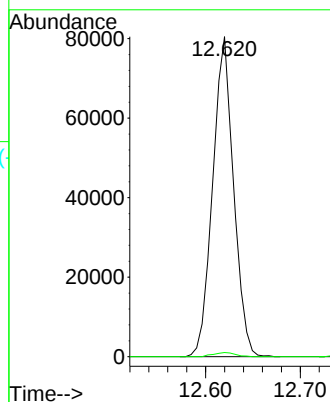
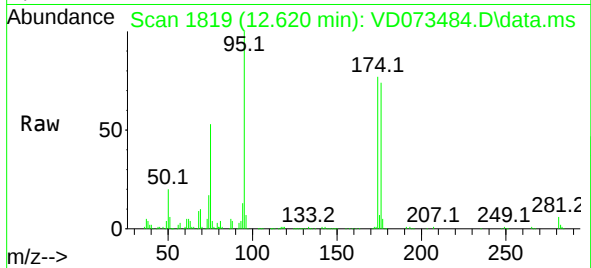




#76
1,2,3-Trichloropropane
Concen: 48.419 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.147 min
Lab File: VD073484.D
Acq: 06 Jun 2022 19:46

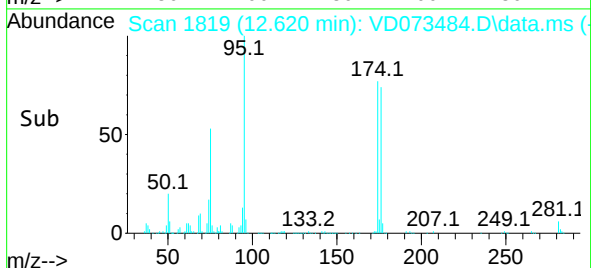
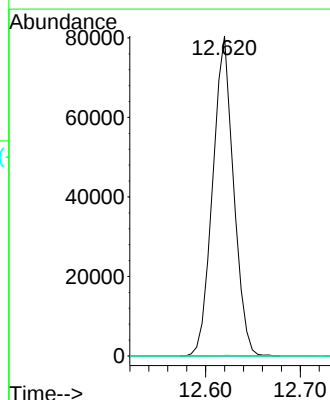
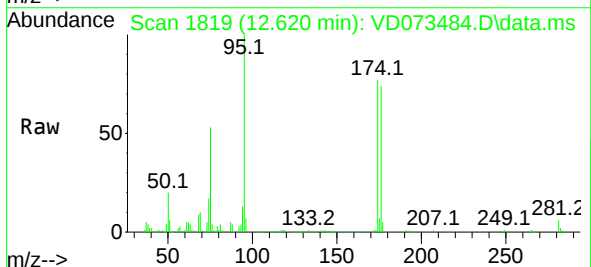
Instrument :
MSVOA_D
ClientSampleId :
CL-01-060322

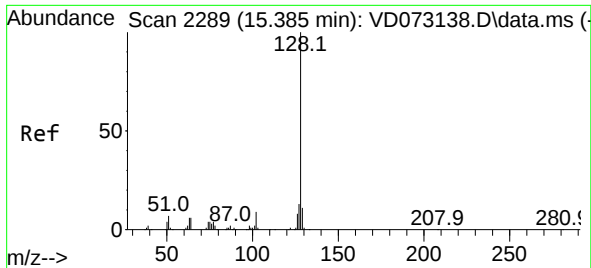
Tgt Ion: 75 Resp: 123388
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 116.239 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.106 min
Lab File: VD073484.D
Acq: 06 Jun 2022 19:46

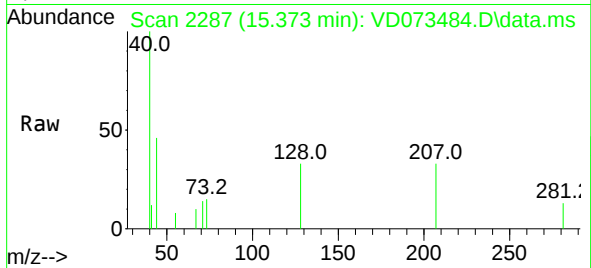
Tgt Ion: 75 Resp: 123388
Ion Ratio Lower Upper
75 100
53 0.1 86.5 129.7#
89 0.0 33.9 50.9#





#95
Naphthalene
Concen: 3.659 ug/l
RT: 15.373 min Scan# 21
Delta R.T. -0.012 min
Lab File: VD073484.D
Acq: 06 Jun 2022 19:46

Instrument :
MSVOA_D
ClientSampleId :
CL-01-060322



Tgt Ion:128 Resp: 1080
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 8.2 8.4 12.6#

