

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051822\
 Data File : VD073093.D
 Acq On : 18 May 2022 12:25
 Operator : VA/SY
 Sample : N2847-01
 Misc : 4.99G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 PSC-124019

Quant Time: May 18 16:29:35 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051722S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 18 04:58:34 2022
 Response via : Initial Calibration

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

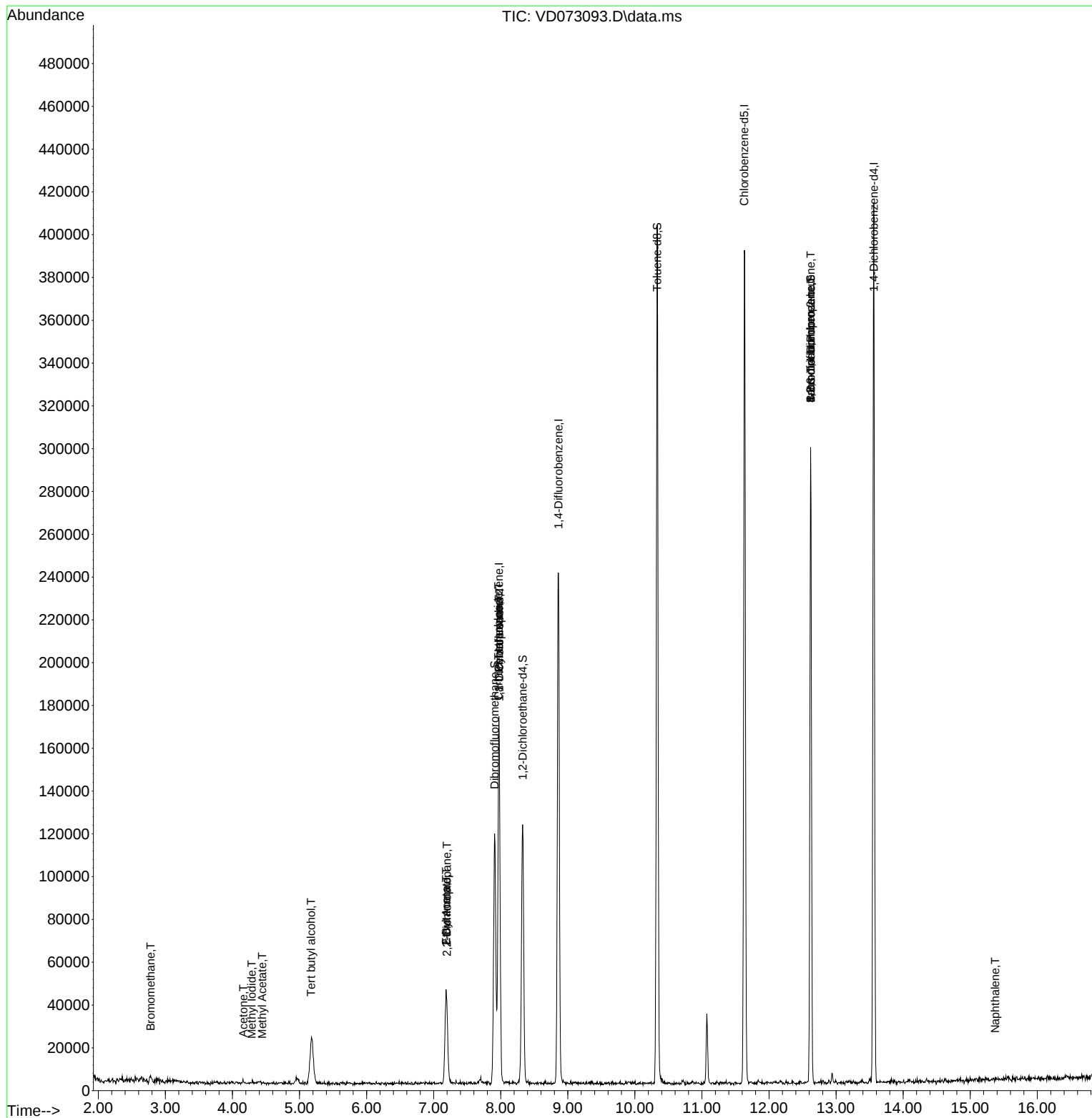
Internal Standards						
1) Pentafluorobenzene	7.973	168	117322	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	210857	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	235892	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	108126	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	99815	68.031	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 136.060%			
35) Dibromofluoromethane	7.909	113	84192	56.869	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 113.740%			
50) Toluene-d8	10.332	98	261982	48.779	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 97.560%			
62) 4-Bromofluorobenzene	12.620	95	100198	51.508	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 103.020%			
Target Compounds					Qvalue	
5) Bromomethane	2.779	94	1393	1.410	ug/l #	67
10) Methyl Iodide	4.285	142	441	4.510	ug/l #	24
11) Tert butyl alcohol	5.173	59	17883	78.800	ug/l #	74
16) Acetone	4.162	43	1577	5.939	ug/l #	47
18) Methyl Acetate	4.444	43	91	1.570	ug/l #	55
25) 2-Butanone	7.185	43	2094	5.208	ug/l	95
26) 2,2-Dichloropropane	7.197	77	2955	1.210	ug/l #	54
31) Cyclohexane	7.973	56	3193	1.208	ug/l #	1
36) 1,1-Dichloropropene	7.979	75	11311	4.689	ug/l #	49
37) Ethyl Acetate	7.185	43	2094	2.067	ug/l #	6
38) Carbon Tetrachloride	7.967	117	12744	5.164	ug/l #	18
71) Bromoform	12.620	173	1120	1.041	ug/l #	1
76) 1,2,3-Trichloropropane	12.620	75	51908	42.468	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.620	75	51908	101.828	ug/l #	7
95) Naphthalene	15.373	128	908	4.457	ug/l #	79

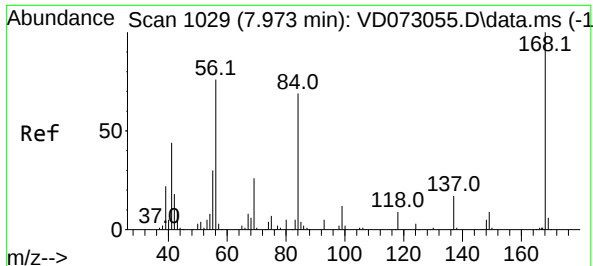
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051822\
Data File : VD073093.D
Acq On : 18 May 2022 12:25
Operator : VA/SY
Sample : N2847-01
Misc : 4.99G/5.00ml/MSVOA_D/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
PSC-124019

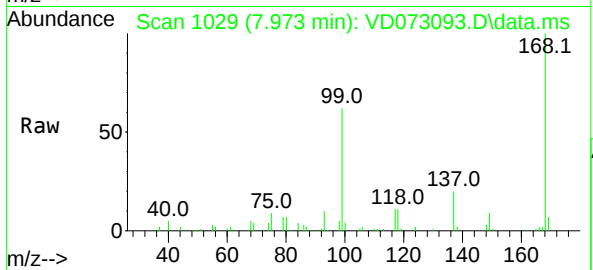
Quant Time: May 18 16:29:35 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051722S.M
Quant Title : SW846 8260
QLast Update : Wed May 18 04:58:34 2022
Response via : Initial Calibration



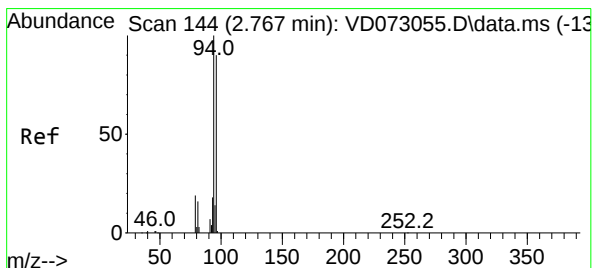
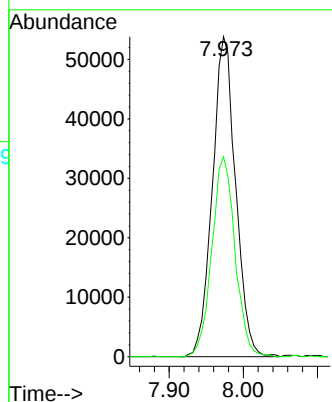
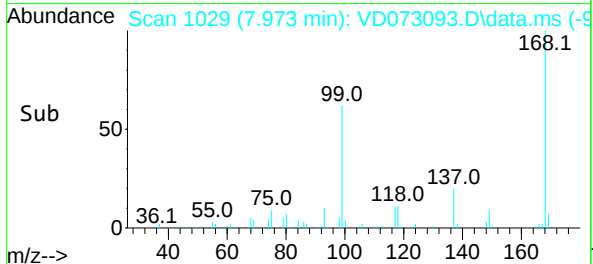


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD073093.D
Acq: 18 May 2022 12:25

Instrument :
MSVOA_D
ClientSampleId :
PSC-124019

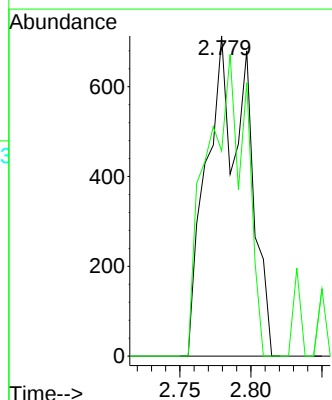
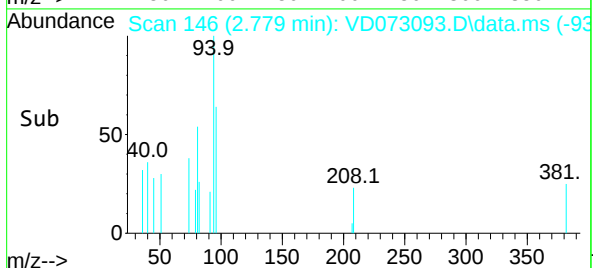
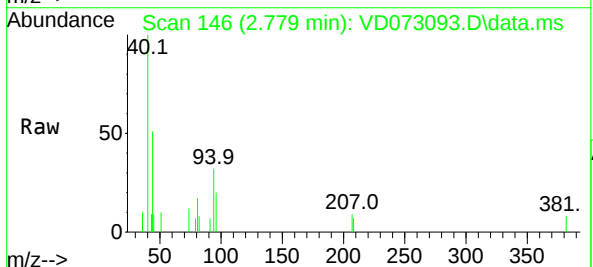


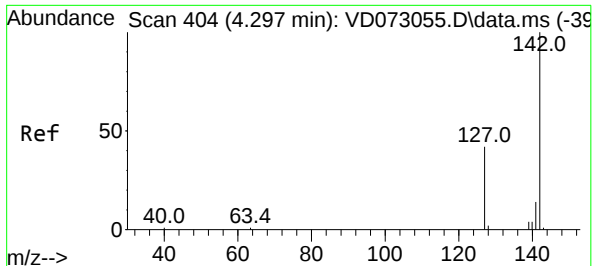
Tgt Ion:168 Resp: 117322
Ion Ratio Lower Upper
168 100
99 62.5 49.8 74.6



#5
Bromomethane
Concen: 1.410 ug/l
RT: 2.779 min Scan# 146
Delta R.T. 0.012 min
Lab File: VD073093.D
Acq: 18 May 2022 12:25

Tgt Ion: 94 Resp: 1393
Ion Ratio Lower Upper
94 100
96 64.1 77.6 116.4#

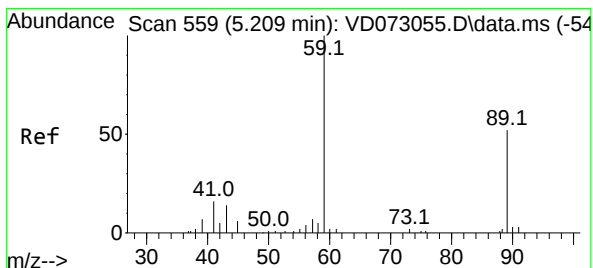
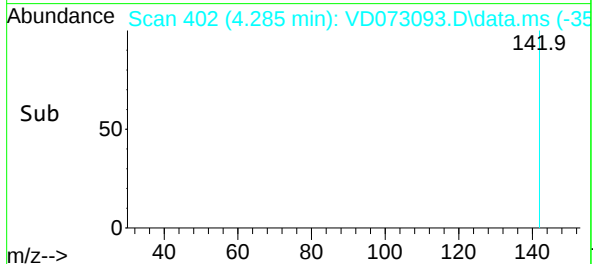
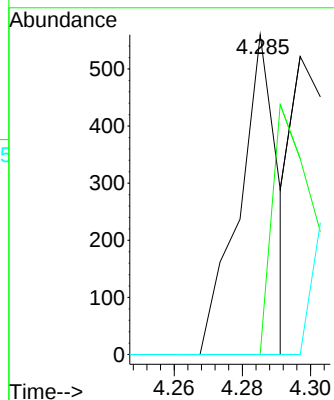
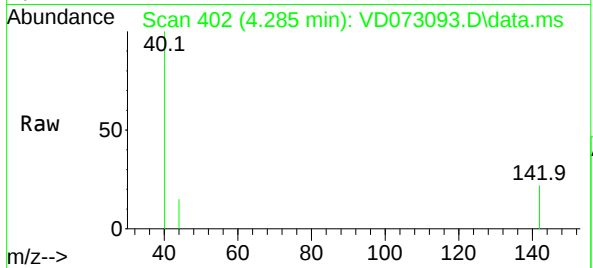




#10
Methyl Iodide
Concen: 4.510 ug/l
RT: 4.285 min Scan# 401
Delta R.T. -0.012 min
Lab File: VD073093.D
Acq: 18 May 2022 12:25

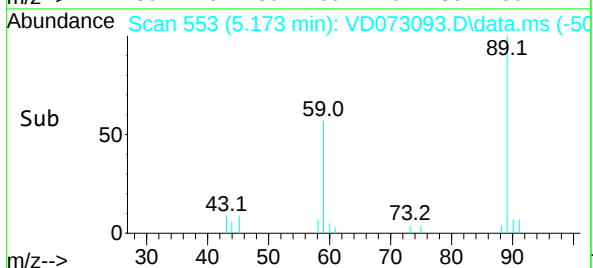
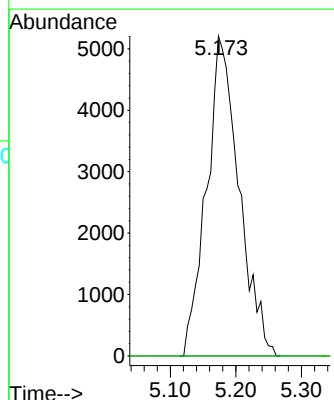
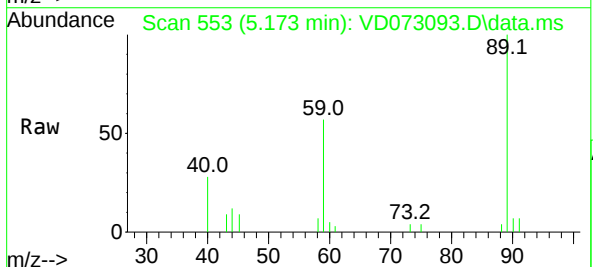
Instrument :
MSVOA_D
ClientSampleId :
PSC-124019

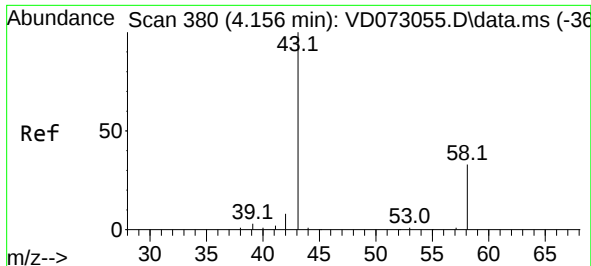
Tgt Ion:142 Resp: 441
Ion Ratio Lower Upper
142 100
127 110.7 37.3 55.9#
141 18.6 11.7 17.5#



#11
Tert butyl alcohol
Concen: 78.800 ug/l
RT: 5.173 min Scan# 553
Delta R.T. -0.036 min
Lab File: VD073093.D
Acq: 18 May 2022 12:25

Tgt Ion: 59 Resp: 17883
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.6#

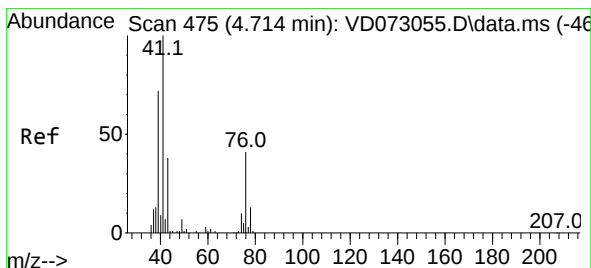
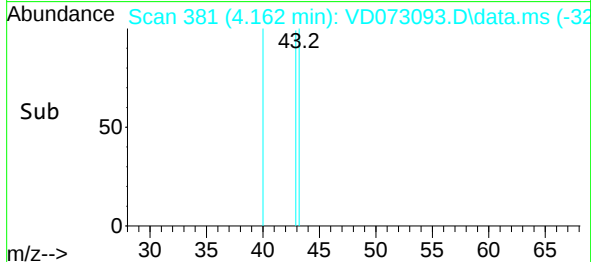
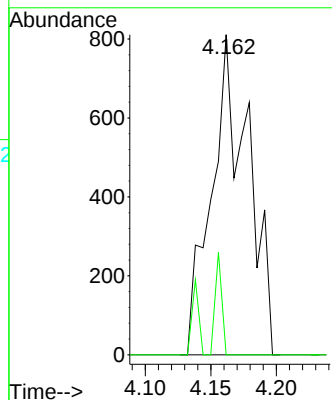
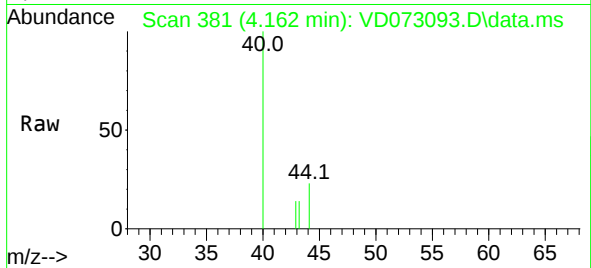




#16
Acetone
Concen: 5.939 ug/l
RT: 4.162 min Scan# 31
Delta R.T. 0.006 min
Lab File: VD073093.D
Acq: 18 May 2022 12:25

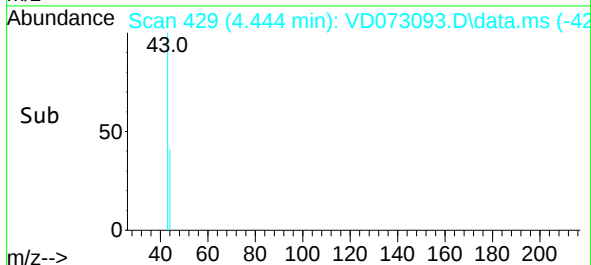
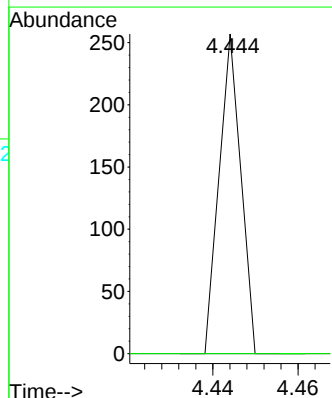
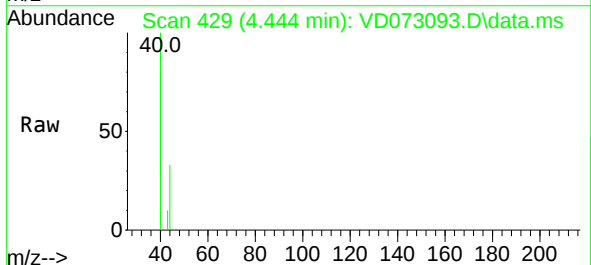
Instrument :
MSVOA_D
ClientSampleId :
PSC-124019

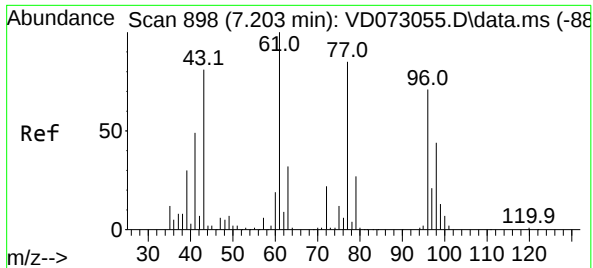
Tgt Ion: 43 Resp: 1577
Ion Ratio Lower Upper
43 100
58 0.0 22.1 33.1#



#18
Methyl Acetate
Concen: 1.570 ug/l
RT: 4.444 min Scan# 429
Delta R.T. -0.270 min
Lab File: VD073093.D
Acq: 18 May 2022 12:25

Tgt Ion: 43 Resp: 91
Ion Ratio Lower Upper
43 100
74 0.0 16.7 25.1#

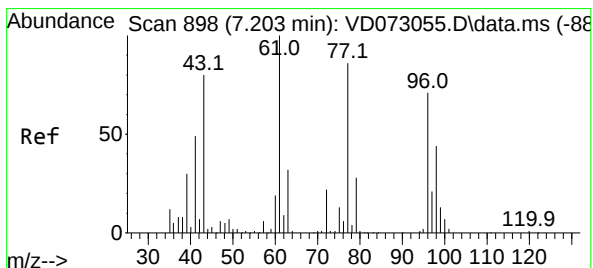
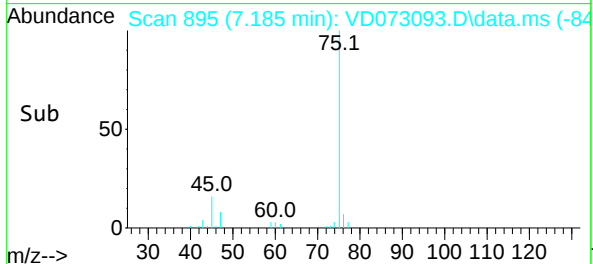
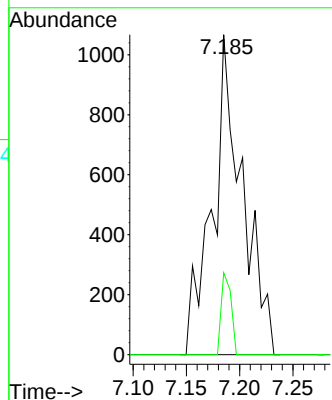
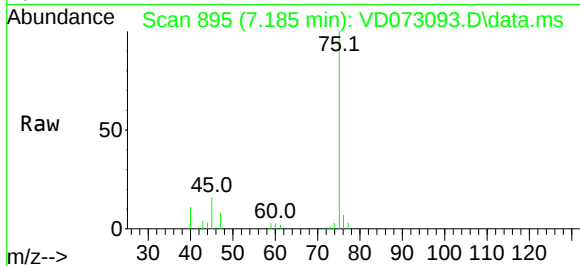




#25
2-Butanone
Concen: 5.208 ug/l
RT: 7.185 min Scan# 895
Delta R.T. -0.017 min
Lab File: VD073093.D
Acq: 18 May 2022 12:25

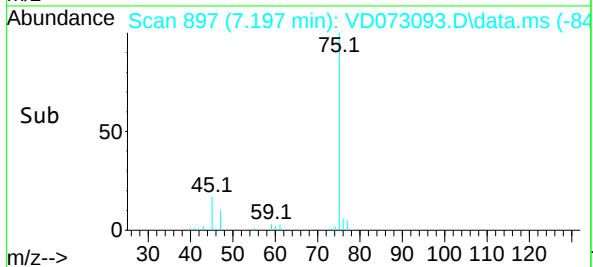
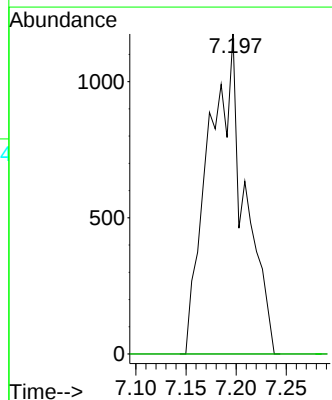
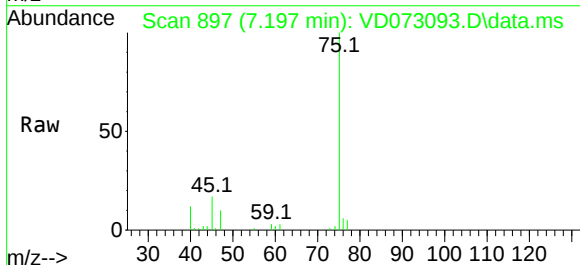
Instrument :
MSVOA_D
ClientSampleId :
PSC-124019

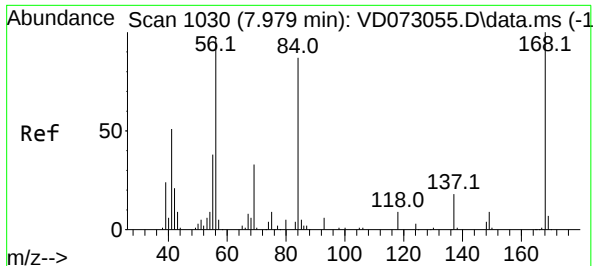
Tgt Ion: 43 Resp: 2094
Ion Ratio Lower Upper
43 100
72 25.6 18.6 27.8



#26
2,2-Dichloropropane
Concen: 1.210 ug/l
RT: 7.197 min Scan# 897
Delta R.T. -0.006 min
Lab File: VD073093.D
Acq: 18 May 2022 12:25

Tgt Ion: 77 Resp: 2955
Ion Ratio Lower Upper
77 100
97 0.0 10.8 32.4#





#31

Cyclohexane

Concen: 1.208 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.006 min

Lab File: VD073093.D

Acq: 18 May 2022 12:25

Instrument :

MSVOA_D

ClientSampleId :

PSC-124019

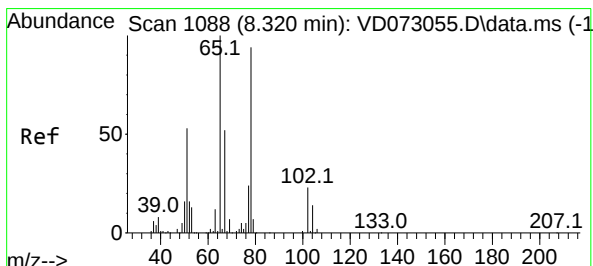
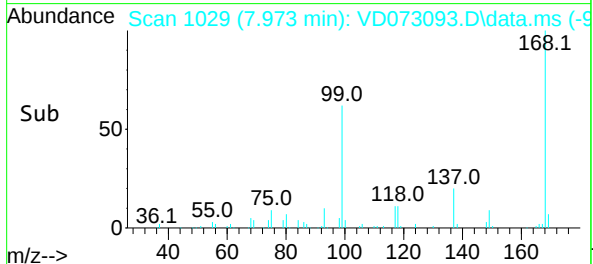
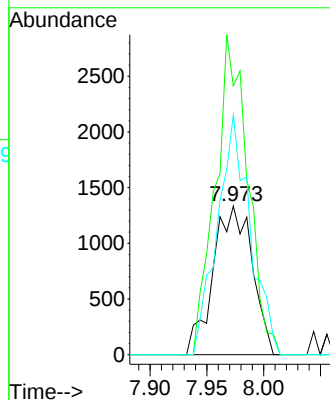
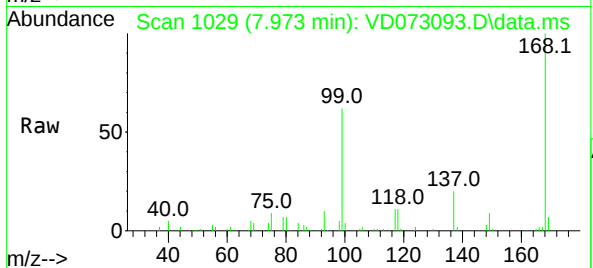
Tgt Ion: 56 Resp: 3193

Ion Ratio Lower Upper

56 100

69 180.8 25.4 38.2#

84 161.3 63.0 94.4#



#33

1,2-Dichloroethane-d4

Concen: 68.031 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. 0.006 min

Lab File: VD073093.D

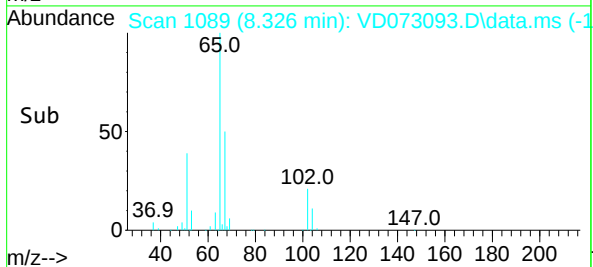
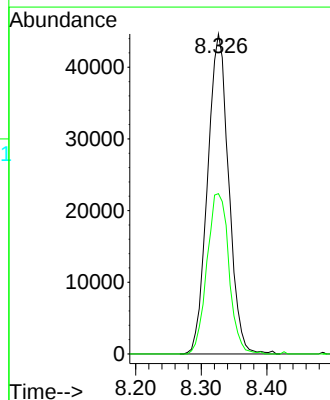
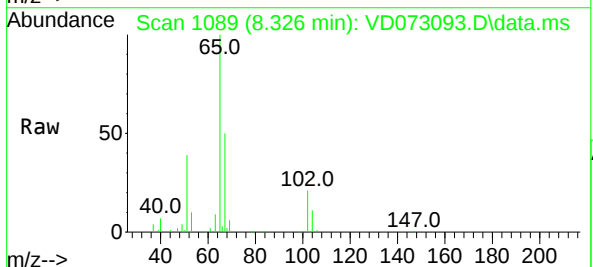
Acq: 18 May 2022 12:25

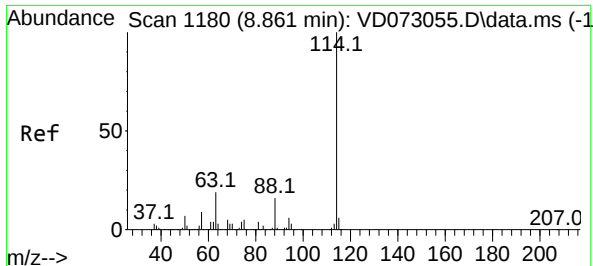
Tgt Ion: 65 Resp: 99815

Ion Ratio Lower Upper

65 100

67 52.2 0.0 101.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD073093.D

Acq: 18 May 2022 12:25

Instrument :

MSVOA_D

ClientSampleId :

PSC-124019

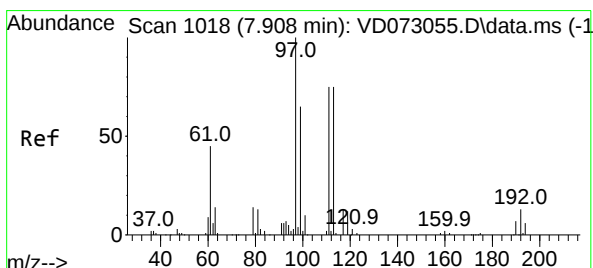
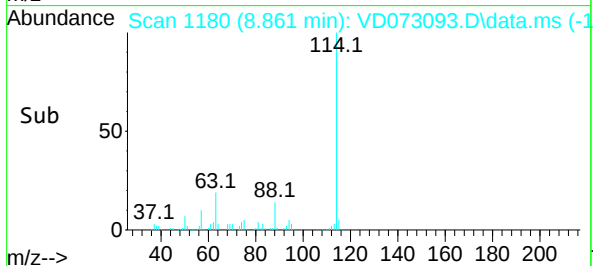
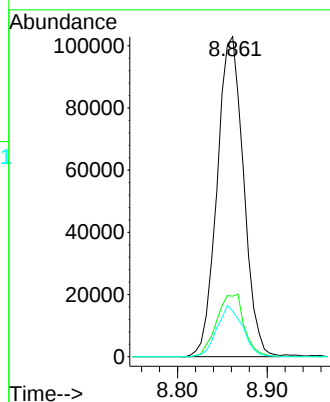
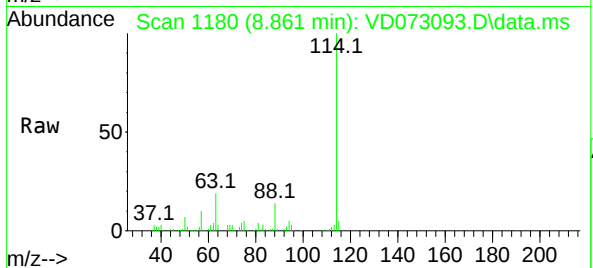
Tgt Ion:114 Resp: 210857

Ion Ratio Lower Upper

114 100

63 18.9 0.0 46.6

88 14.3 0.0 33.2



#35

Dibromofluoromethane

Concen: 56.869 ug/l

RT: 7.909 min Scan# 1018

Delta R.T. 0.000 min

Lab File: VD073093.D

Acq: 18 May 2022 12:25

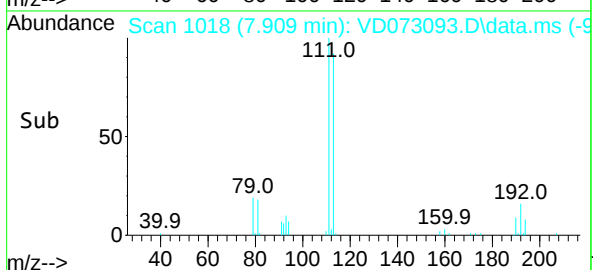
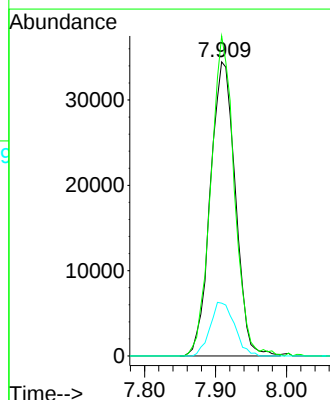
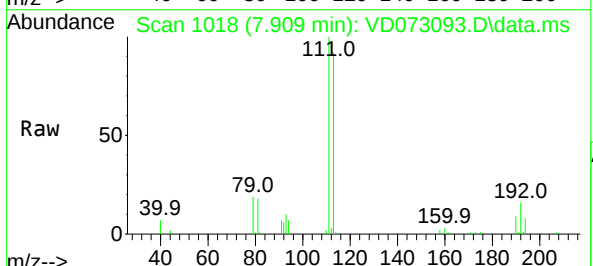
Tgt Ion:113 Resp: 84192

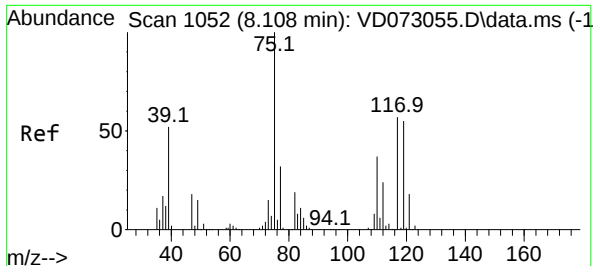
Ion Ratio Lower Upper

113 100

111 102.6 83.8 125.6

192 17.8 14.6 21.8





#36

1,1-Dichloropropene

Concen: 4.689 ug/l

RT: 7.979 min Scan# 110

Delta R.T. -0.129 min

Lab File: VD073093.D

Acq: 18 May 2022 12:25

Instrument :

MSVOA_D

ClientSampleId :

PSC-124019

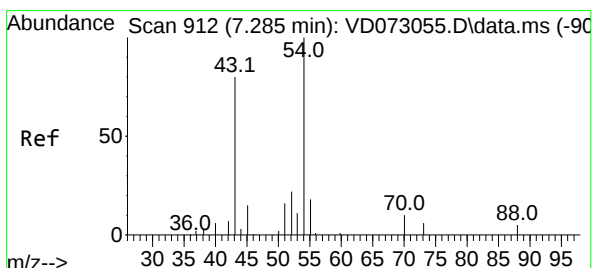
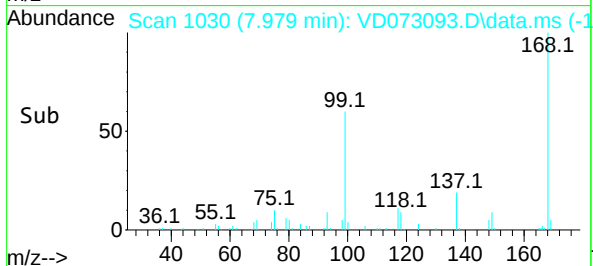
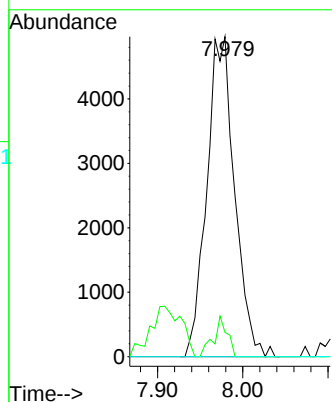
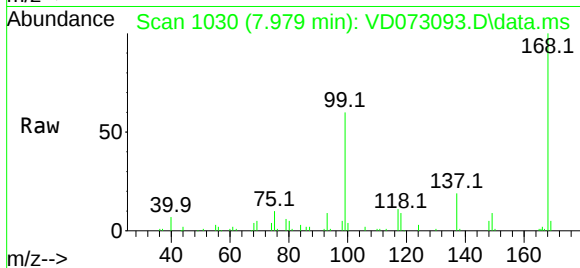
Tgt Ion: 75 Resp: 11311

Ion Ratio Lower Upper

75 100

110 6.2 16.4 49.1#

77 0.0 24.2 36.2#



#37

Ethyl Acetate

Concen: 2.067 ug/l

RT: 7.185 min Scan# 895

Delta R.T. -0.100 min

Lab File: VD073093.D

Acq: 18 May 2022 12:25

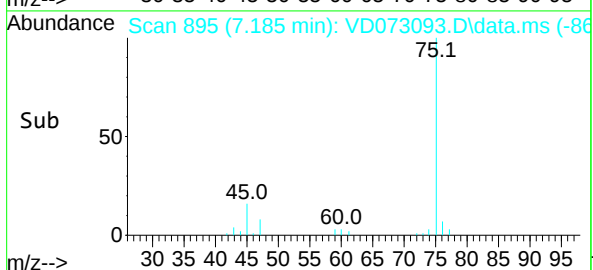
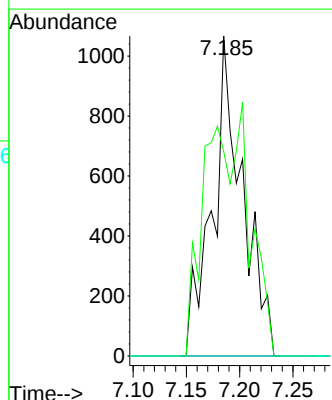
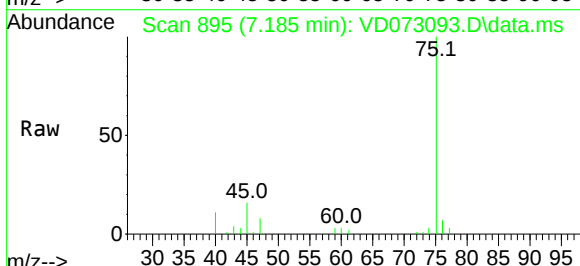
Tgt Ion: 43 Resp: 2094

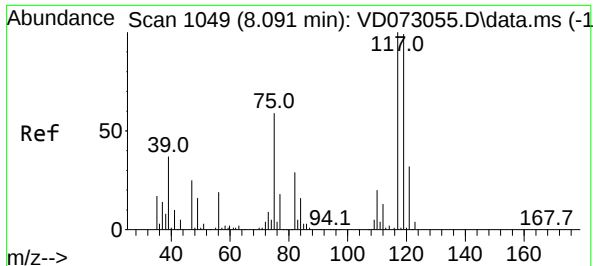
Ion Ratio Lower Upper

43 100

61 68.5 9.8 14.8#

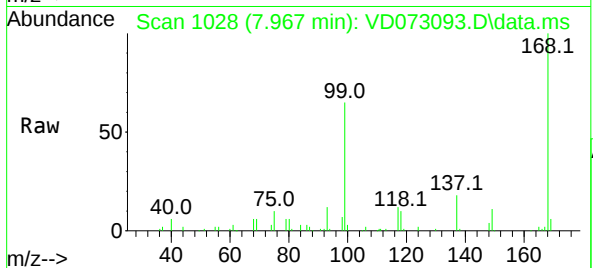
70 0.0 6.9 10.3#



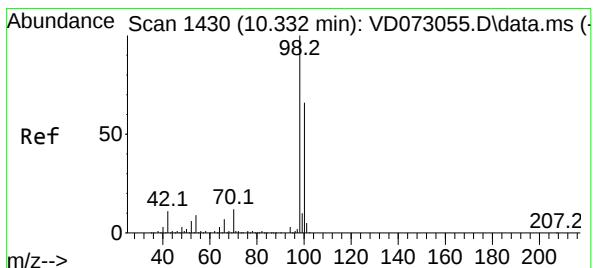
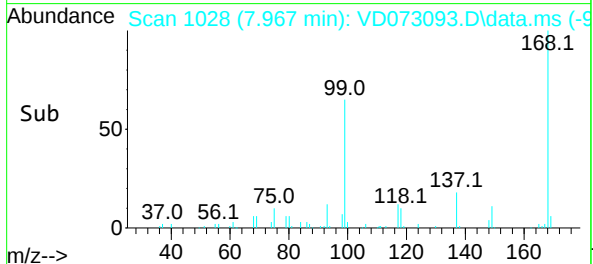
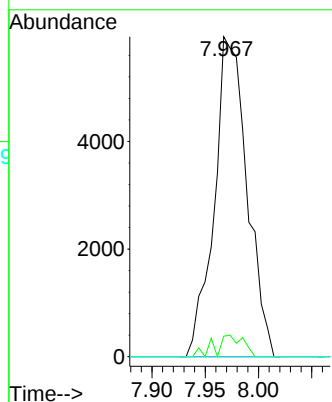


#38
Carbon Tetrachloride
Concen: 5.164 ug/l
RT: 7.967 min Scan# 1028
Delta R.T. -0.123 min
Lab File: VD073093.D
Acq: 18 May 2022 12:25

Instrument :
MSVOA_D
ClientSampleId :
PSC-124019

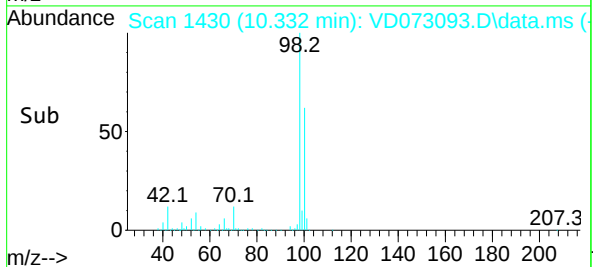
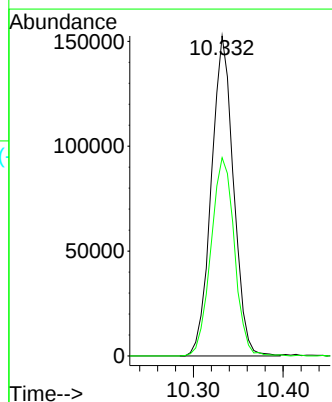
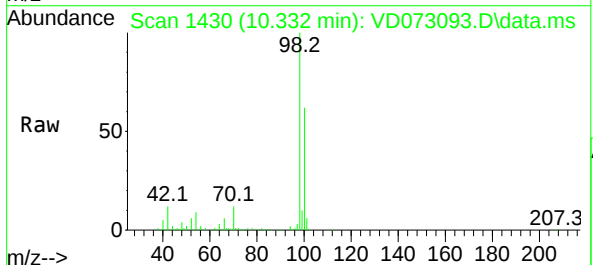


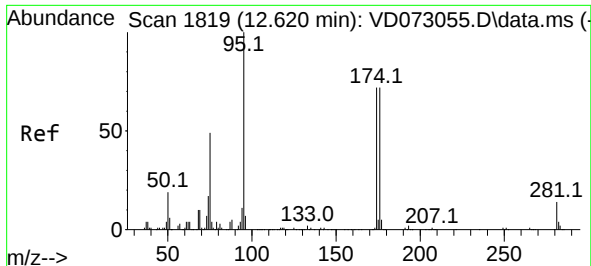
Tgt Ion:117 Resp: 12744
Ion Ratio Lower Upper
117 100
119 6.4 75.8 113.6#
121 0.0 24.5 36.7#



#50
Toluene-d8
Concen: 48.779 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VD073093.D
Acq: 18 May 2022 12:25

Tgt Ion: 98 Resp: 261982
Ion Ratio Lower Upper
98 100
100 65.4 52.4 78.6

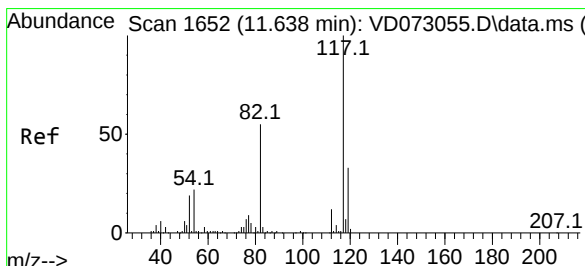
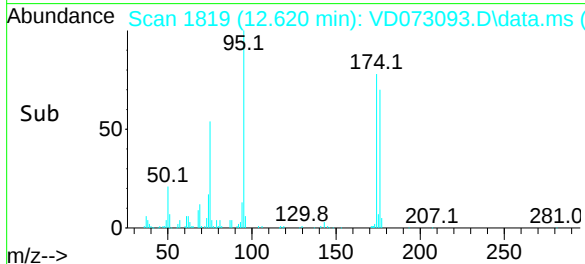
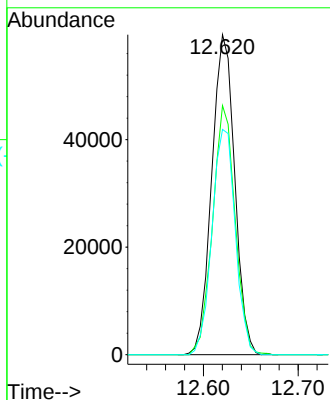
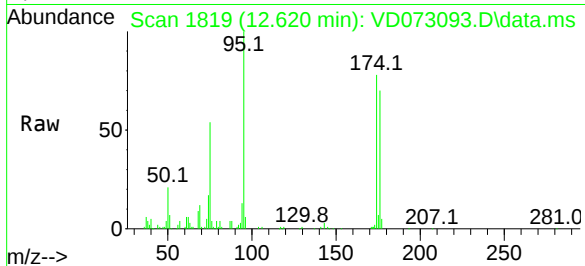




#62
4-Bromofluorobenzene
Concen: 51.508 ug/l
RT: 12.620 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD073093.D
Acq: 18 May 2022 12:25

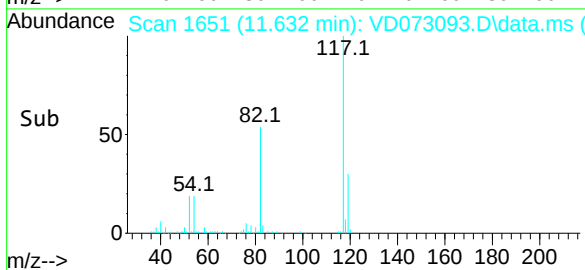
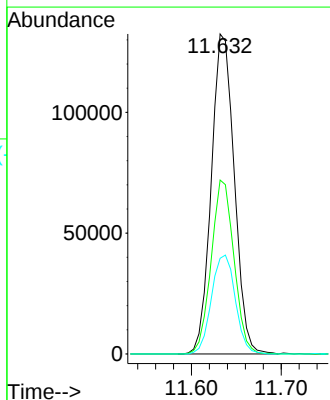
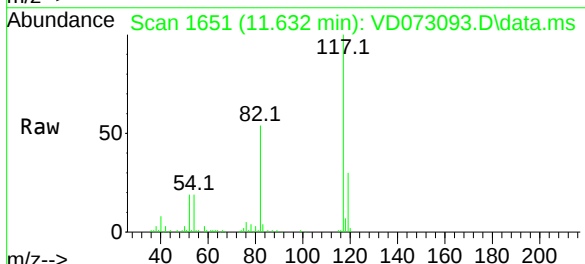
Instrument :
MSVOA_D
ClientSampleId :
PSC-124019

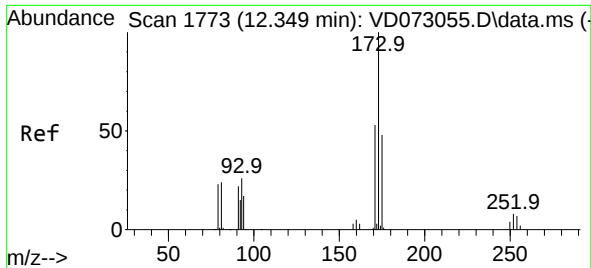
Tgt Ion: 95 Resp: 100198
Ion Ratio Lower Upper
95 100
174 76.4 0.0 152.8
176 71.5 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 1651
Delta R.T. -0.006 min
Lab File: VD073093.D
Acq: 18 May 2022 12:25

Tgt Ion: 117 Resp: 235892
Ion Ratio Lower Upper
117 100
82 54.3 45.3 67.9
119 29.9 26.6 40.0

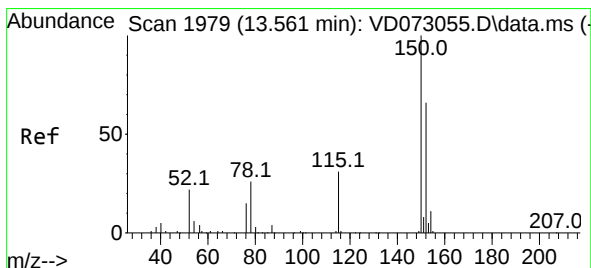
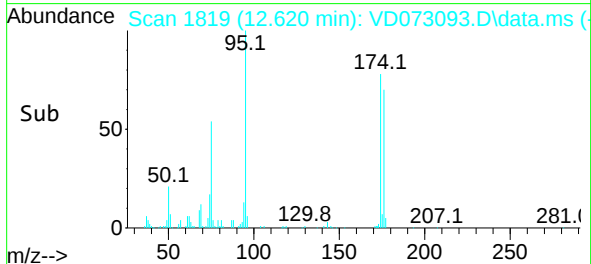
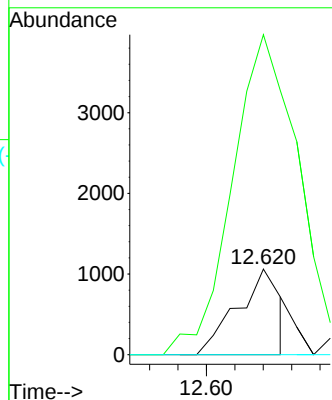
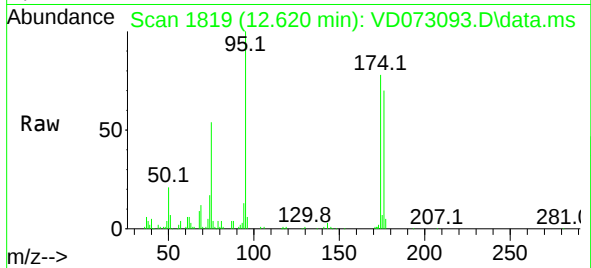




#71
Bromoform
Concen: 1.041 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.271 min
Lab File: VD073093.D
Acq: 18 May 2022 12:25

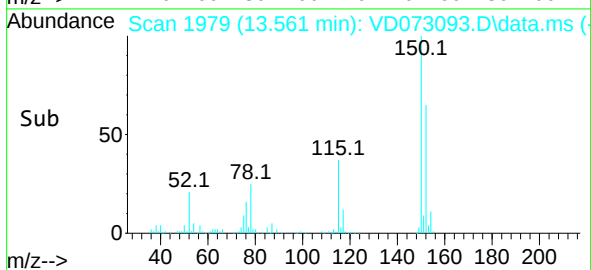
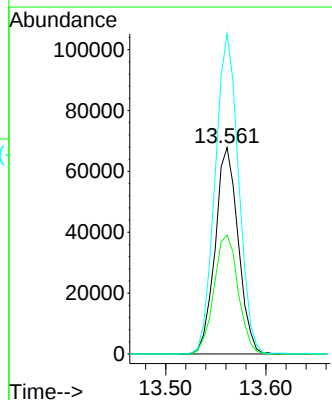
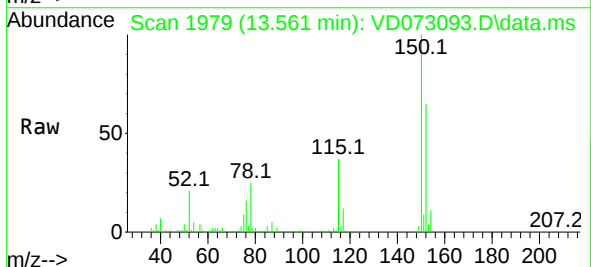
Instrument :
MSVOA_D
ClientSampleId :
PSC-124019

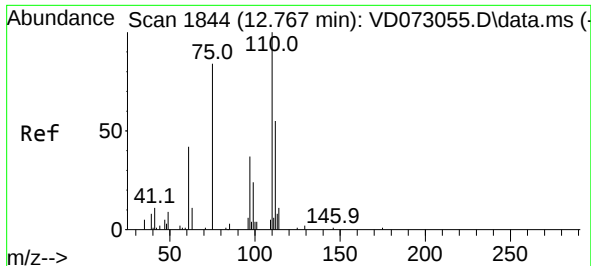
Tgt Ion:173 Resp: 1120
Ion Ratio Lower Upper
173 100
175 434.5 23.9 71.8#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD073093.D
Acq: 18 May 2022 12:25

Tgt Ion:152 Resp: 108126
Ion Ratio Lower Upper
152 100
115 60.4 31.3 93.8
150 158.1 0.0 348.6

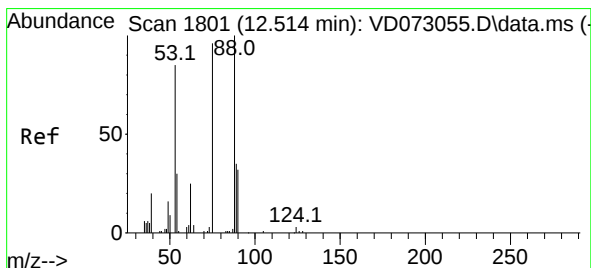
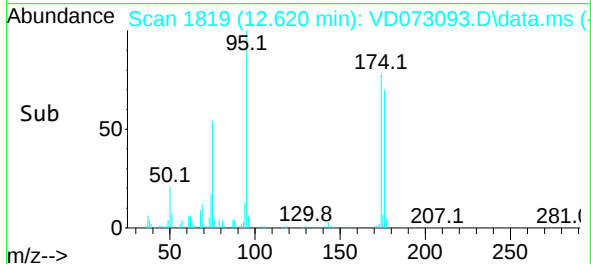
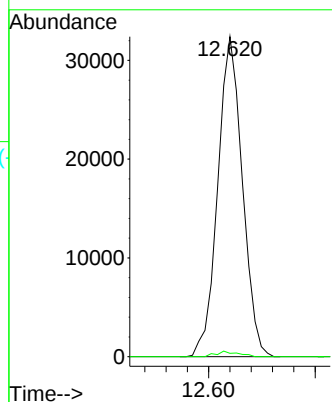
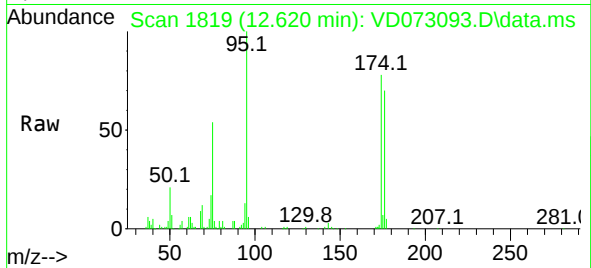




#76
1,2,3-Trichloropropane
Concen: 42.468 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.147 min
Lab File: VD073093.D
Acq: 18 May 2022 12:25

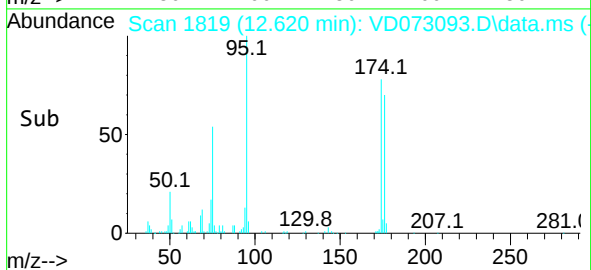
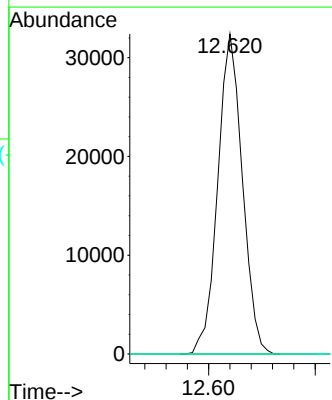
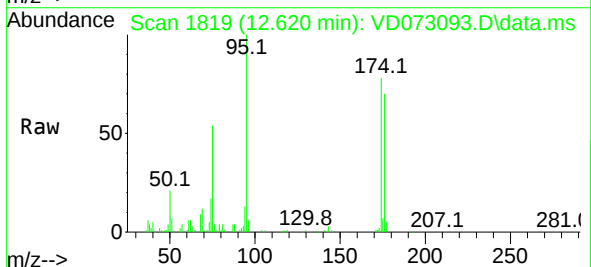
Instrument :
MSVOA_D
ClientSampleId :
PSC-124019

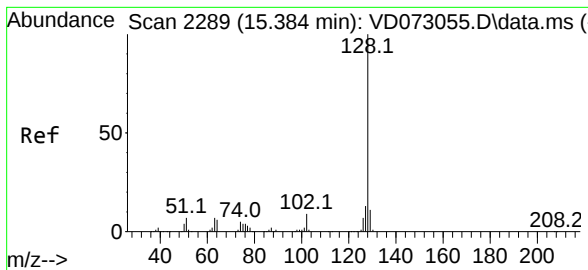
Tgt Ion: 75 Resp: 51908
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 101.828 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.106 min
Lab File: VD073093.D
Acq: 18 May 2022 12:25

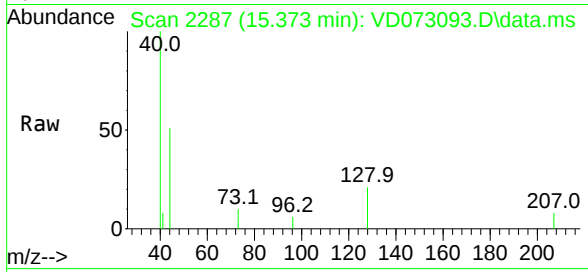
Tgt Ion: 75 Resp: 51908
Ion Ratio Lower Upper
75 100
53 0.0 86.5 129.7#
89 0.0 33.9 50.9#





#95
 Naphthalene
 Concen: 4.457 ug/l
 RT: 15.373 min Scan# 21
 Delta R.T. -0.011 min
 Lab File: VD073093.D
 Acq: 18 May 2022 12:25

Instrument :
 MSVOA_D
 ClientSampleId :
 PSC-124019



Tgt Ion:	128	Resp:	908
Ion	Ratio	Lower	Upper
128	100		
127	6.9	10.3	15.5#
129	0.0	8.4	12.6#

