

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052322\
 Data File : VD073301.D
 Acq On : 24 May 2022 00:59
 Operator : VA/SY
 Sample : N2949-01
 Misc : 5.73G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 P037-SS001-2430-01

Quant Time: May 24 03:31:28 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)

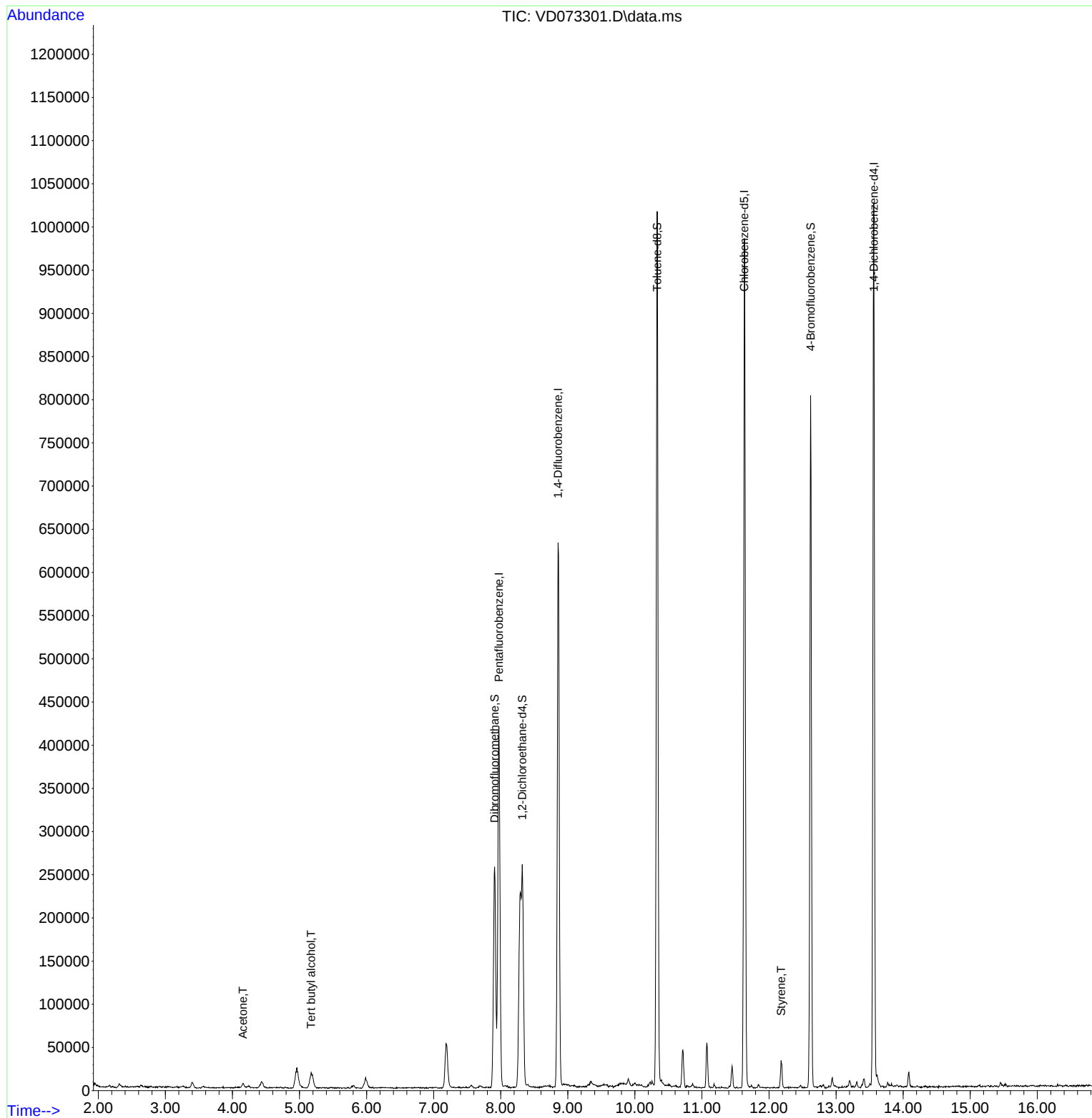
Internal Standards						
1) Pentafluorobenzene	7.973	168	298078	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.856	114	544537	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	570684	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	265057	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	176906	53.703	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 107.400%			
35) Dibromofluoromethane	7.909	113	185001	51.486	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 102.980%			
50) Toluene-d8	10.332	98	669093	50.515	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 101.020%			
62) 4-Bromofluorobenzene	12.620	95	259469	55.819	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 111.640%			
Target Compounds						
11) Tert butyl alcohol	5.173	59	15853	31.018	ug/l #	75
16) Acetone	4.156	43	8539	14.965	ug/l #	83
70) Styrene	12.179	104	15402	1.220	ug/l #	87

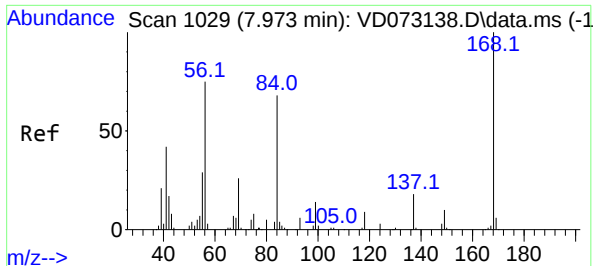
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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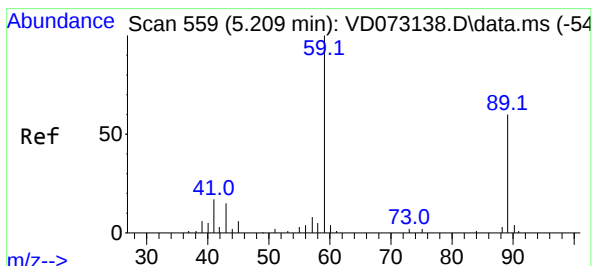
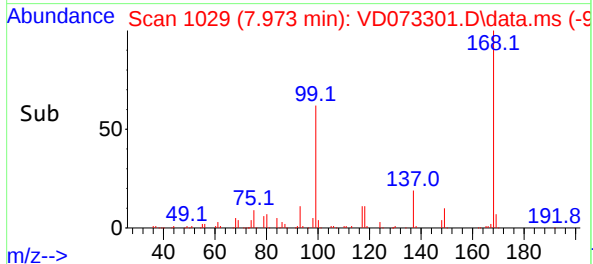
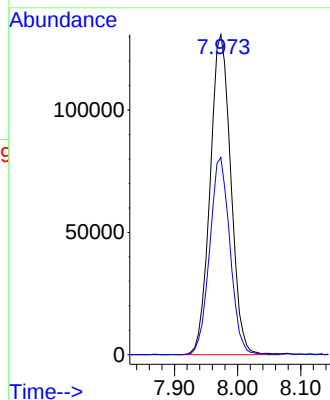
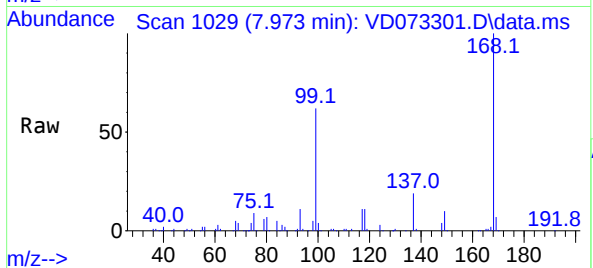




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD073301.D
Acq: 24 May 2022 00:59

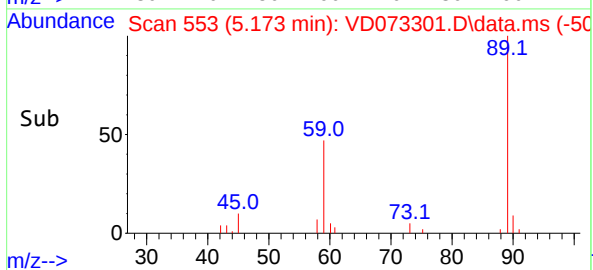
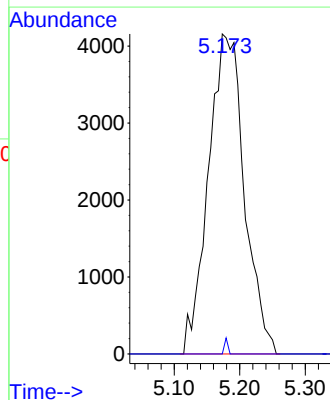
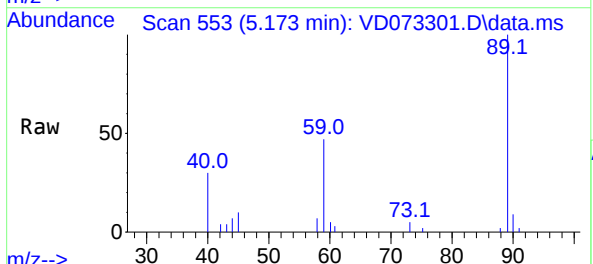
Instrument :
MSVOA_D
ClientSampleId :
P037-SS001-2430-01

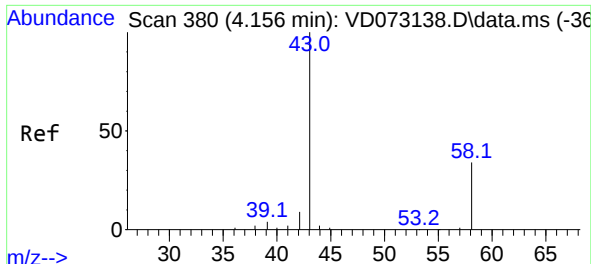
Tgt Ion:168 Resp: 298078
Ion Ratio Lower Upper
168 100
99 61.7 49.8 74.6



#11
Tert butyl alcohol
Concen: 31.018 ug/l
RT: 5.173 min Scan# 553
Delta R.T. -0.036 min
Lab File: VD073301.D
Acq: 24 May 2022 00:59

Tgt Ion: 59 Resp: 15853
Ion Ratio Lower Upper
59 100
57 0.5 7.8 11.6#

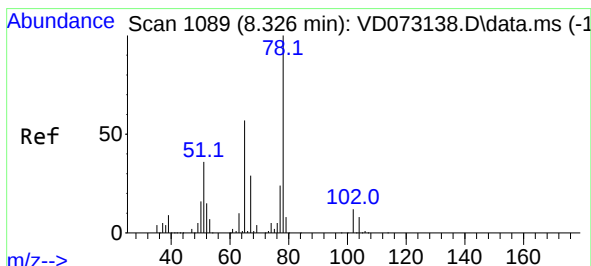
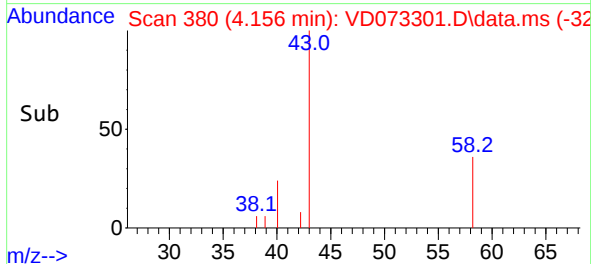
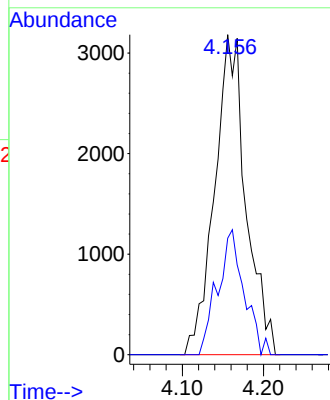
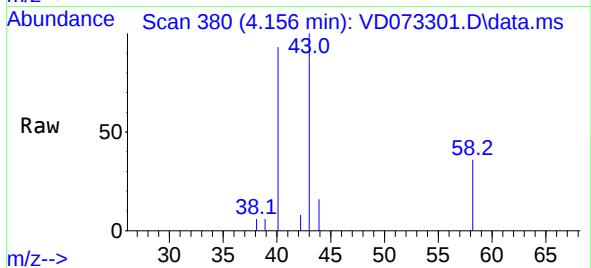




#16
Acetone
Concen: 14.965 ug/l
RT: 4.156 min Scan# 31
Delta R.T. -0.000 min
Lab File: VD073301.D
Acq: 24 May 2022 00:59

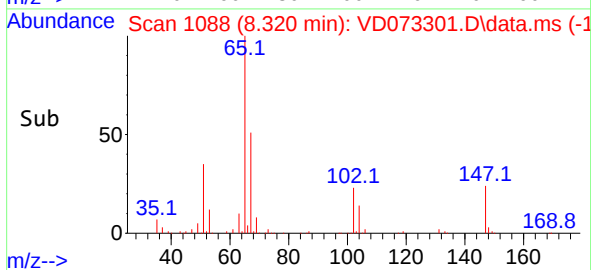
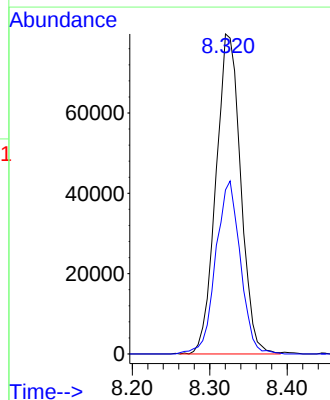
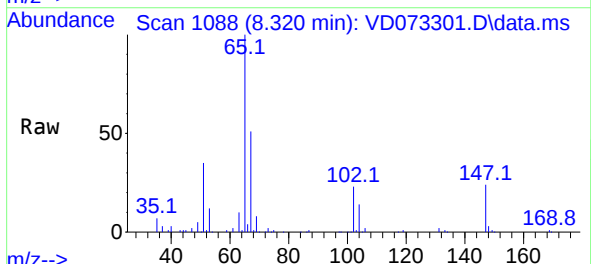
Instrument :
MSVOA_D
ClientSampleId :
P037-SS001-2430-01

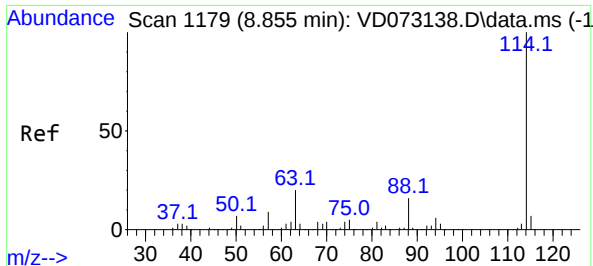
Tgt Ion: 43 Resp: 8539
Ion Ratio Lower Upper
43 100
58 36.4 22.1 33.1#



#33
1,2-Dichloroethane-d4
Concen: 53.703 ug/l
RT: 8.320 min Scan# 1088
Delta R.T. -0.006 min
Lab File: VD073301.D
Acq: 24 May 2022 00:59

Tgt Ion: 65 Resp: 176906
Ion Ratio Lower Upper
65 100
67 53.8 0.0 101.4



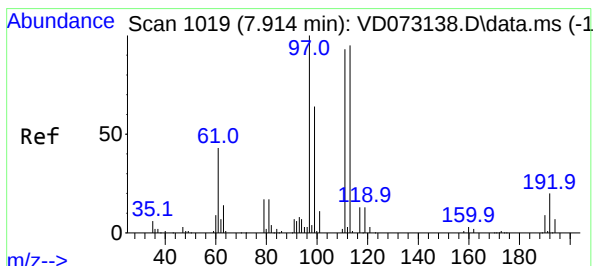
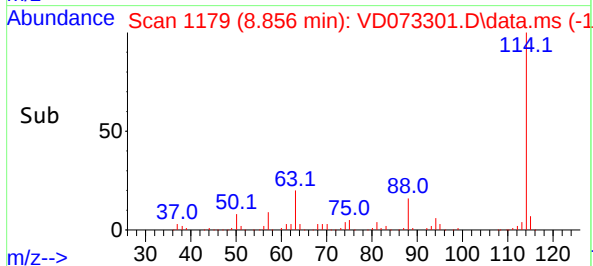
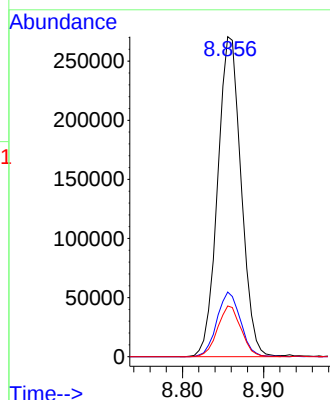
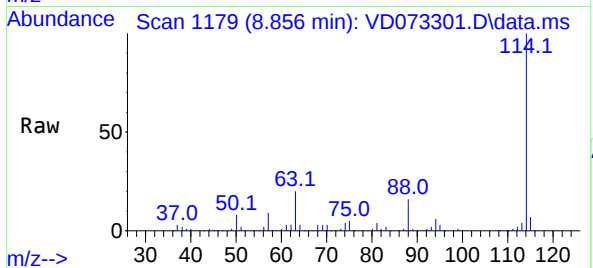


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.856 min Scan# 1179
Delta R.T. 0.001 min
Lab File: VD073301.D
Acq: 24 May 2022 00:59

Instrument :
MSVOA_D
ClientSampleId :
P037-SS001-2430-01

Tgt Ion:114 Resp: 544537

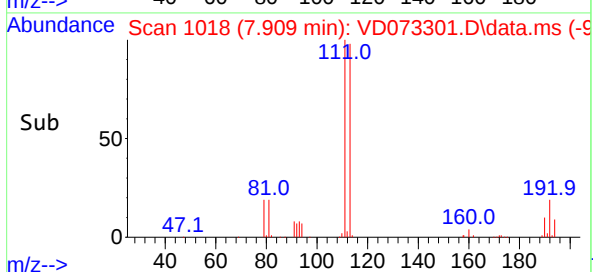
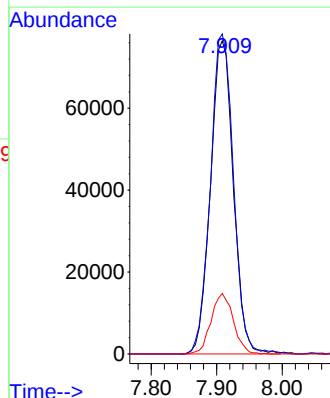
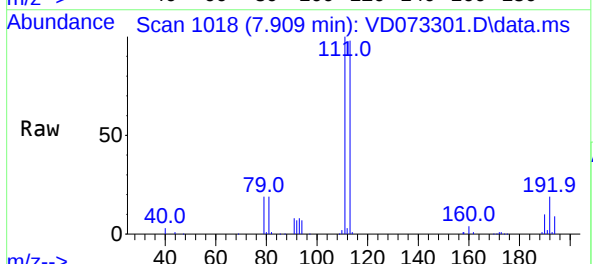
Ion	Ratio	Lower	Upper
114	100		
63	20.2	0.0	46.6
88	15.9	0.0	33.2

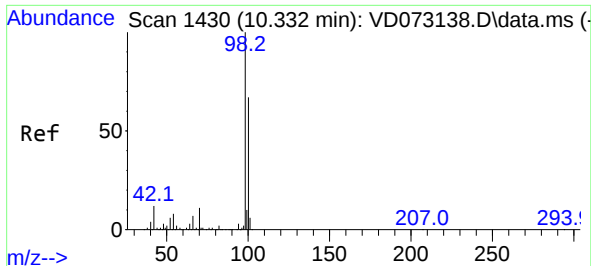


#35
Dibromofluoromethane
Concen: 51.486 ug/l
RT: 7.909 min Scan# 1018
Delta R.T. -0.005 min
Lab File: VD073301.D
Acq: 24 May 2022 00:59

Tgt Ion:113 Resp: 185001

Ion	Ratio	Lower	Upper
113	100		
111	103.2	83.8	125.6
192	18.8	14.6	21.8

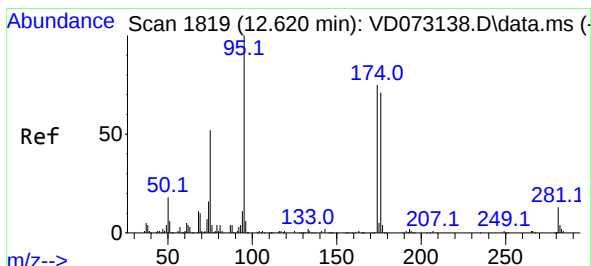
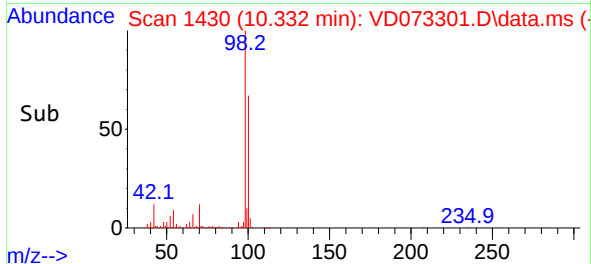
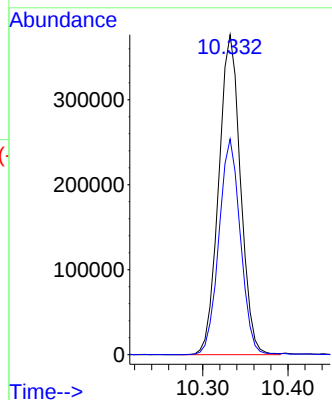
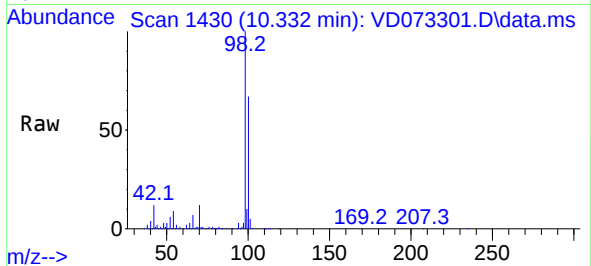




#50
Toluene-d8
Concen: 50.515 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073301.D
Acq: 24 May 2022 00:59

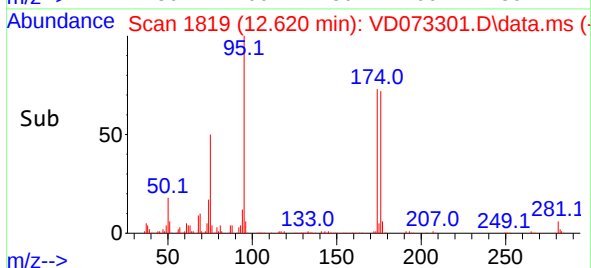
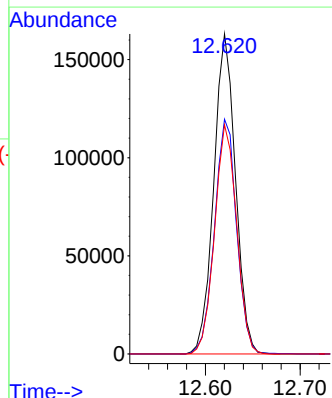
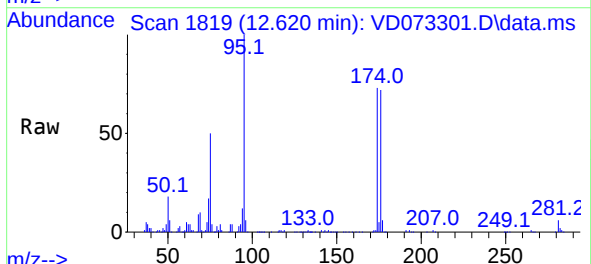
Instrument :
MSVOA_D
ClientSampleId :
P037-SS001-2430-01

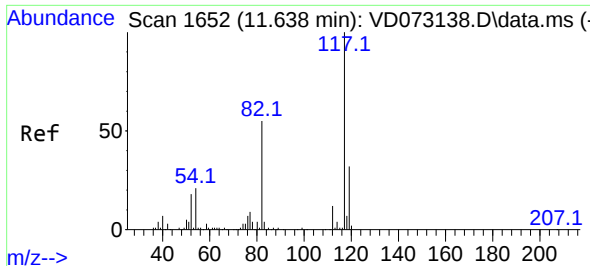
Tgt Ion: 98 Resp: 669093
Ion Ratio Lower Upper
98 100
100 66.6 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 55.819 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD073301.D
Acq: 24 May 2022 00:59

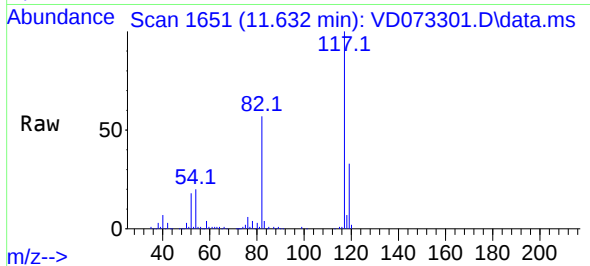
Tgt Ion: 95 Resp: 259469
Ion Ratio Lower Upper
95 100
174 74.7 0.0 152.8
176 72.7 0.0 145.4



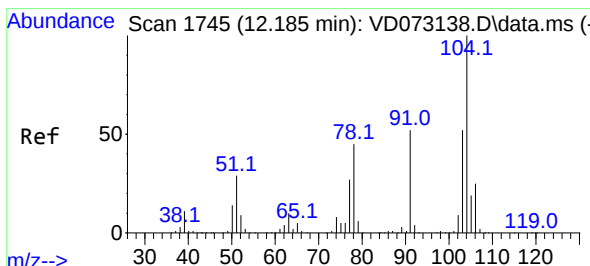
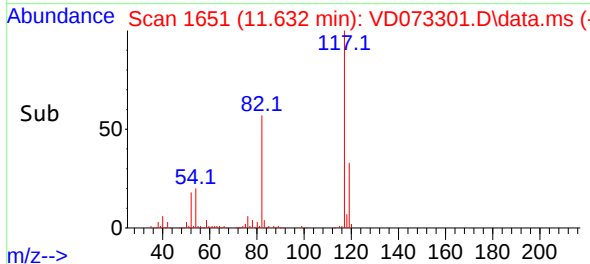
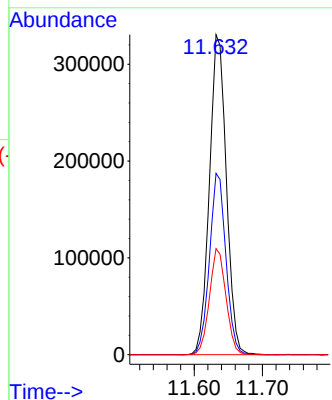


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD073301.D
Acq: 24 May 2022 00:59

Instrument :
MSVOA_D
ClientSampleId :
P037-SS001-2430-01

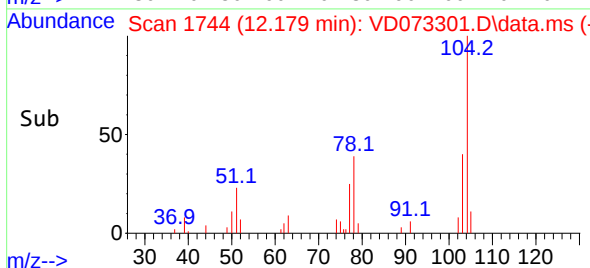
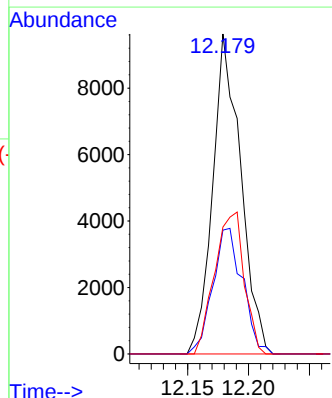
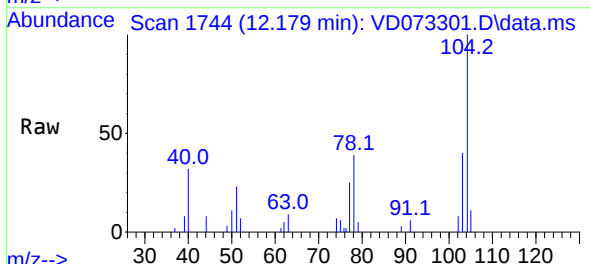


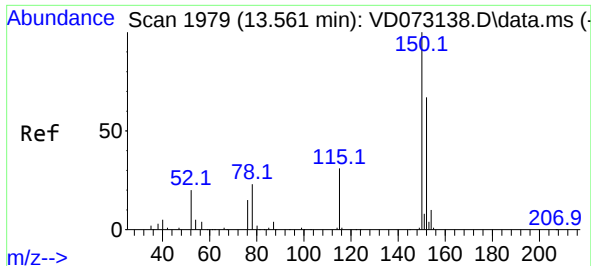
Tgt Ion:	117	Resp:	570684
Ion	Ratio	Lower	Upper
117	100		
82	56.7	45.3	67.9
119	33.1	26.6	40.0



#70
Styrene
Concen: 1.220 ug/l
RT: 12.179 min Scan# 1744
Delta R.T. -0.006 min
Lab File: VD073301.D
Acq: 24 May 2022 00:59

Tgt Ion:	104	Resp:	15402
Ion	Ratio	Lower	Upper
104	100		
78	41.6	41.8	62.8#
103	46.8	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: VD073301.D

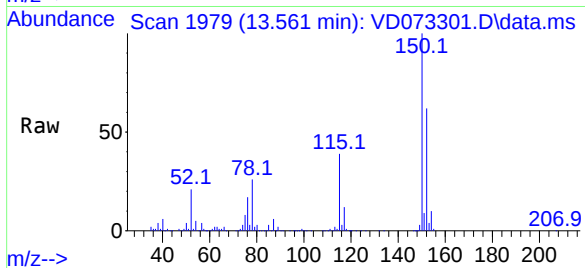
Acq: 24 May 2022 00:59

Instrument :

MSVOA_D

ClientSampleId :

P037-SS001-2430-01



Tgt Ion:152 Resp: 265057

Ion Ratio Lower Upper

152 100

115 61.7 31.3 93.8

150 157.2 0.0 348.6

