

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051822\
 Data File : VD073104.D
 Acq On : 18 May 2022 17:40
 Operator : VA/SY
 Sample : N2832-05
 Misc : 5.05G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB06

Quant Time: May 19 04:46:13 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)

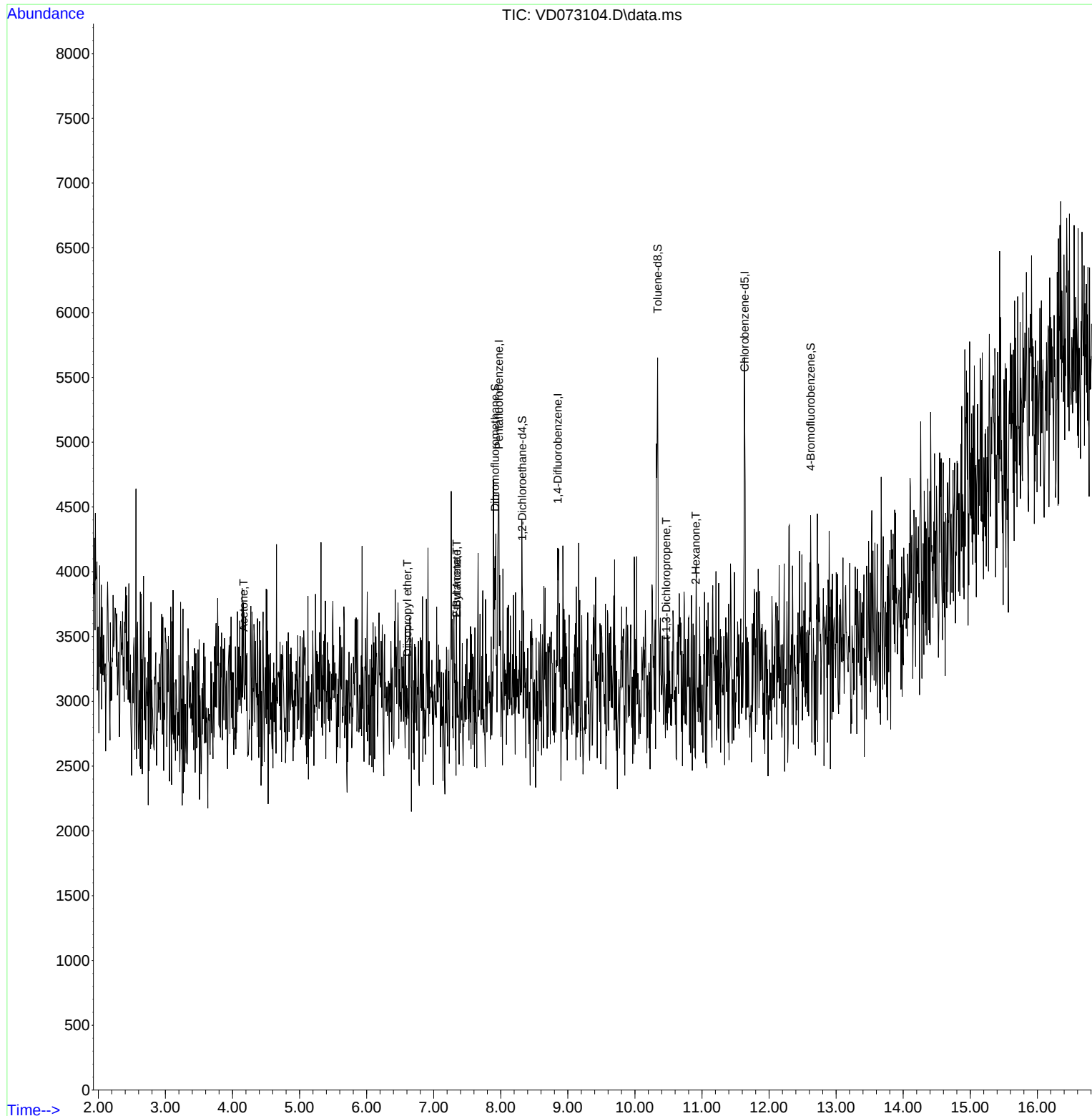
Internal Standards						
1) Pentafluorobenzene	7.973	168	1234	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.850	114	1646	50.000	ug/l	-0.01
63) Chlorobenzene-d5	11.638	117	1254	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	0.000	152	0	0.000	ug/l	-13.56
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	526	34.085	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	68.160%
35) Dibromofluoromethane	7.914	113	868	75.107	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	150.220%#
50) Toluene-d8	10.338	98	2175	51.877	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	103.760%
62) 4-Bromofluorobenzene	12.620	95	322	21.205	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	42.400%
Target Compounds						
16) Acetone	4.167	43	62	22.201	ug/l	# 47
22) Diisopropyl ether	6.608	45	55	1.128	ug/l	# 35
25) 2-Butanone	7.344	43	56	13.242	ug/l	# 52
37) Ethyl Acetate	7.344	43	56	7.081	ug/l	# 72
53) t-1,3-Dichloropropene	10.467	75	56	3.127	ug/l	# 44
59) 2-Hexanone	10.908	43	61	12.035	ug/l	# 27

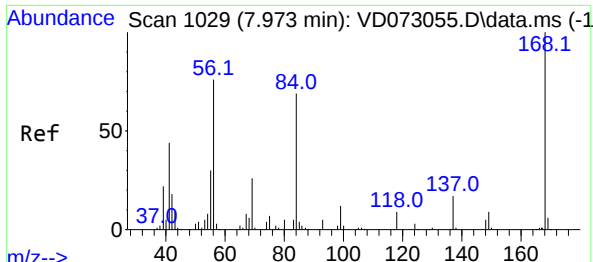
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

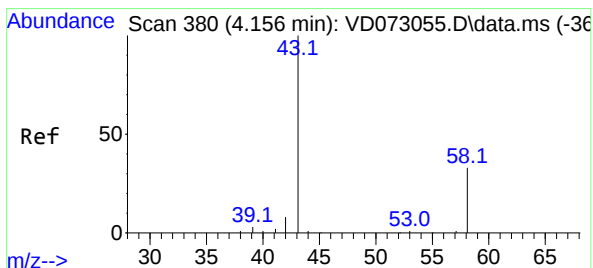
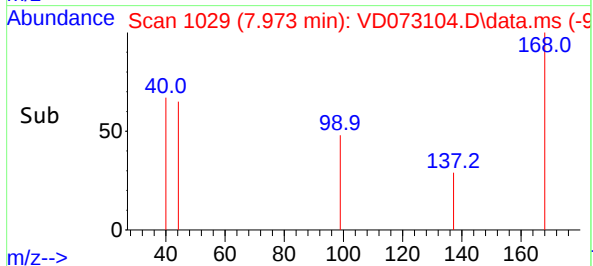
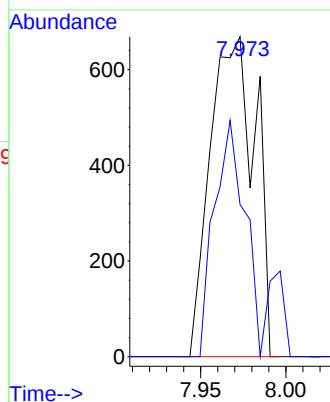
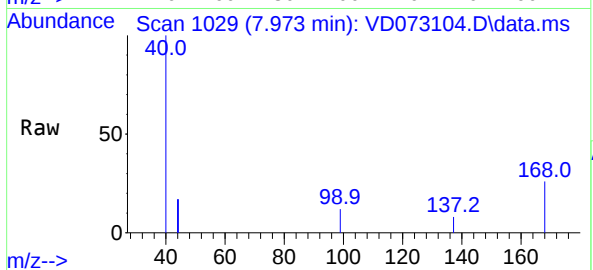




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD073104.D
Acq: 18 May 2022 17:40

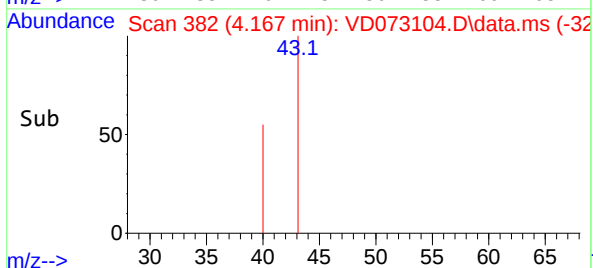
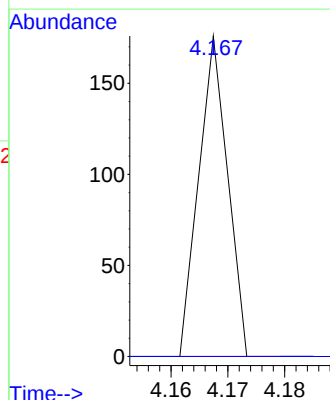
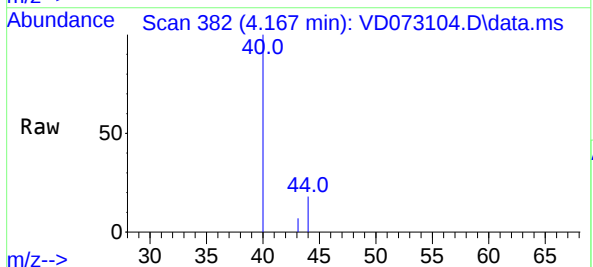
Instrument :
MSVOA_D
ClientSampleId :
SB06

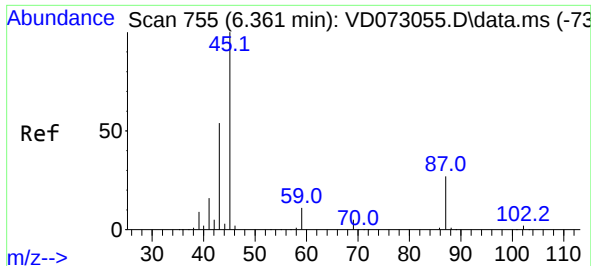
Tgt Ion:168 Resp: 1234
Ion Ratio Lower Upper
168 100
99 47.5 49.8 74.6#



#16
Acetone
Concen: 22.201 ug/l
RT: 4.167 min Scan# 382
Delta R.T. 0.012 min
Lab File: VD073104.D
Acq: 18 May 2022 17:40

Tgt Ion: 43 Resp: 62
Ion Ratio Lower Upper
43 100
58 0.0 22.1 33.1#

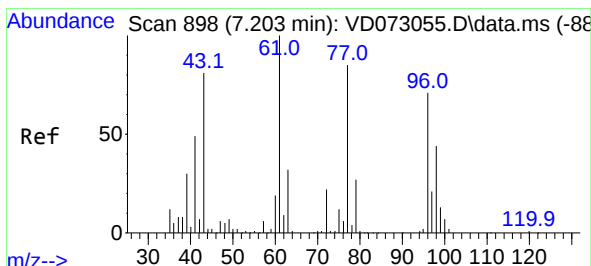
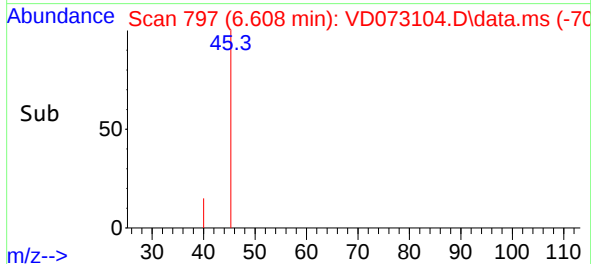
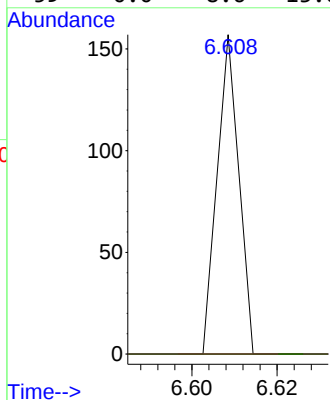
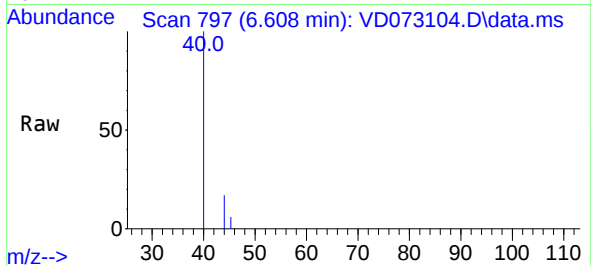




#22
Diisopropyl ether
Concen: 1.128 ug/l
RT: 6.608 min Scan# 79
Delta R.T. 0.247 min
Lab File: VD073104.D
Acq: 18 May 2022 17:40

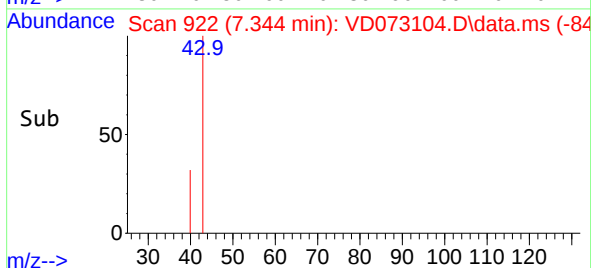
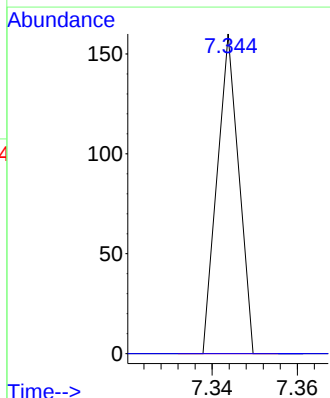
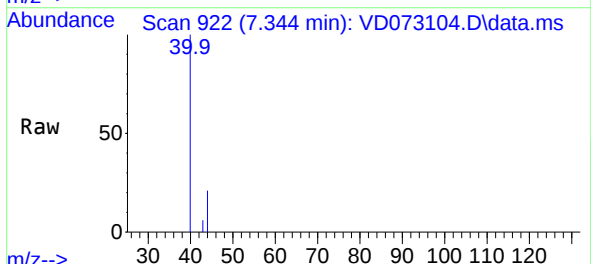
Instrument :
MSVOA_D
ClientSampleId :
SB06

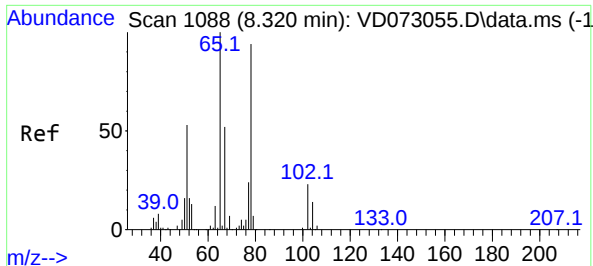
Tgt Ion:	45	Resp:	55
Ion	Ratio	Lower	Upper
45	100		
43	0.0	46.6	70.0#
87	0.0	18.4	27.6#
59	0.0	8.6	13.0#



#25
2-Butanone
Concen: 13.242 ug/l
RT: 7.344 min Scan# 922
Delta R.T. 0.141 min
Lab File: VD073104.D
Acq: 18 May 2022 17:40

Tgt Ion:	43	Resp:	56
Ion	Ratio	Lower	Upper
43	100		
72	0.0	18.6	27.8#

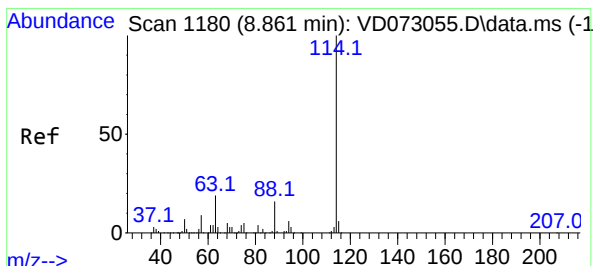
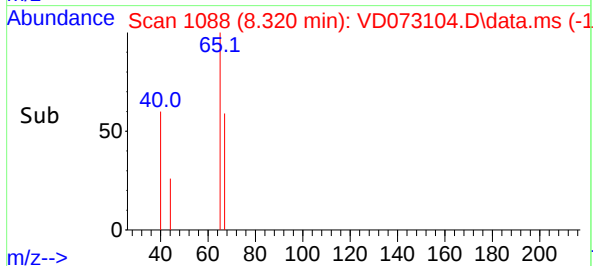
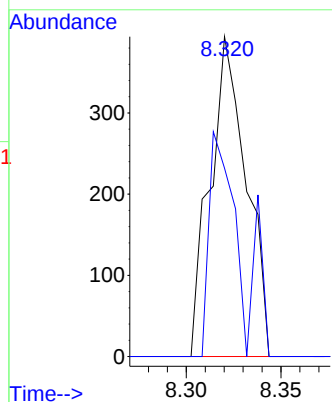
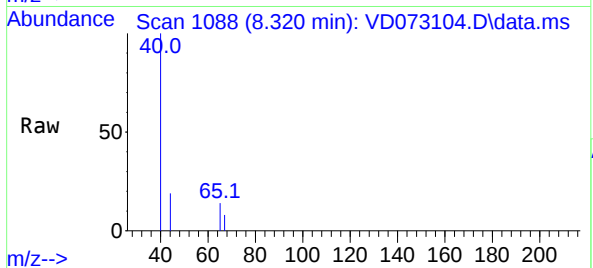




#33
1,2-Dichloroethane-d4
Concen: 34.085 ug/l
RT: 8.320 min Scan# 1088
Delta R.T. 0.000 min
Lab File: VD073104.D
Acq: 18 May 2022 17:40

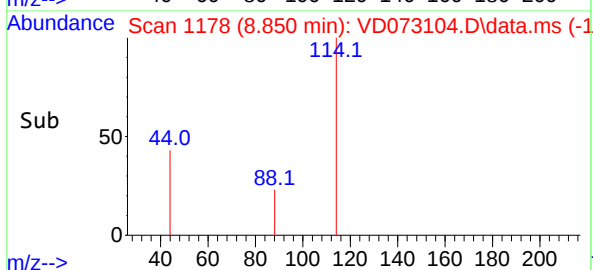
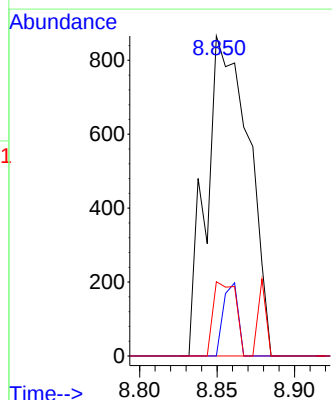
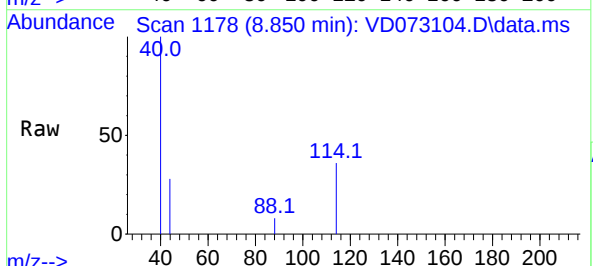
Instrument :
MSVOA_D
ClientSampleId :
SB06

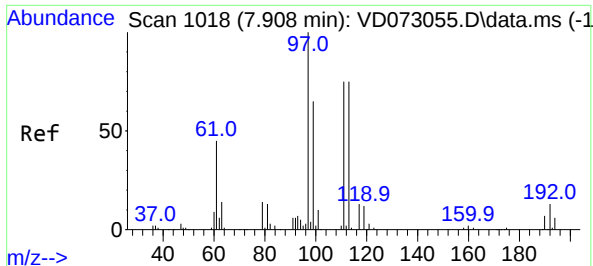
Tgt Ion: 65 Resp: 526
Ion Ratio Lower Upper
65 100
67 59.7 0.0 101.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.850 min Scan# 1178
Delta R.T. -0.012 min
Lab File: VD073104.D
Acq: 18 May 2022 17:40

Tgt Ion: 114 Resp: 1646
Ion Ratio Lower Upper
114 100
63 0.0 0.0 46.6
88 23.2 0.0 33.2

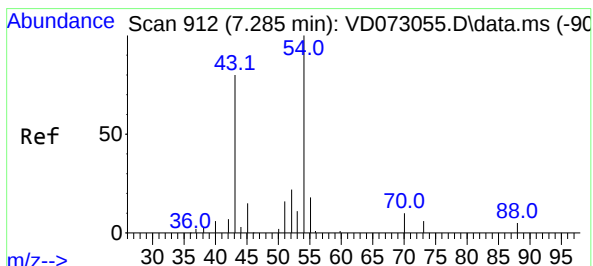
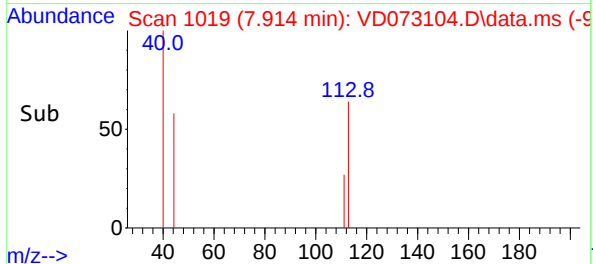
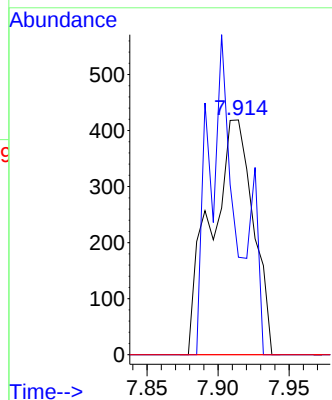
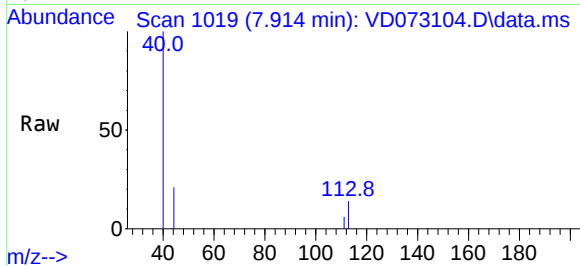




#35
Dibromofluoromethane
Concen: 75.107 ug/l
RT: 7.914 min Scan# 1018
Delta R.T. 0.006 min
Lab File: VD073104.D
Acq: 18 May 2022 17:40

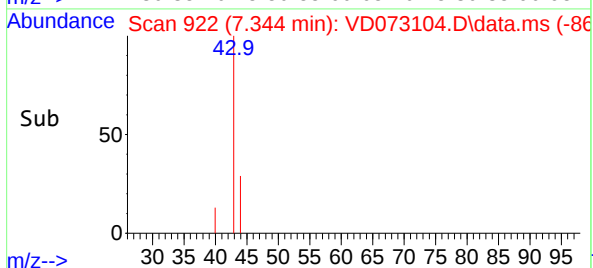
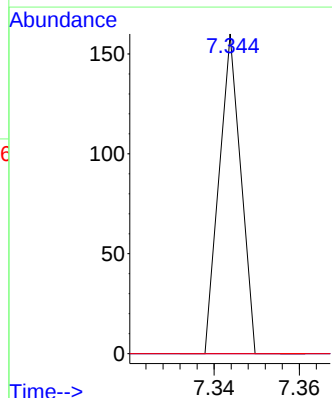
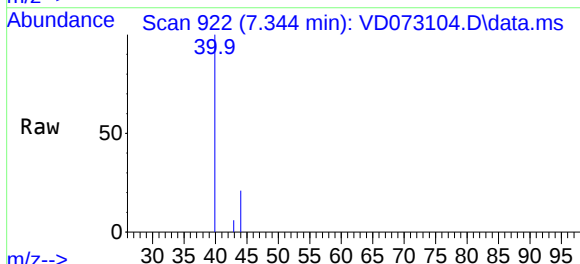
Instrument :
MSVOA_D
ClientSampleId :
SB06

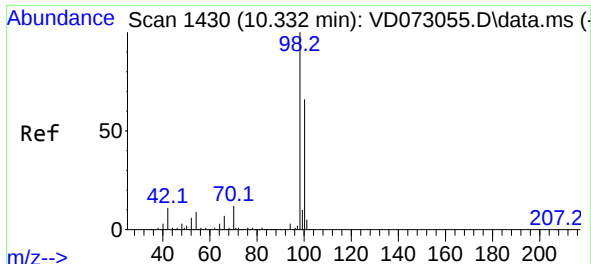
Tgt Ion:113 Resp: 868
Ion Ratio Lower Upper
113 100
111 91.0 83.8 125.6
192 0.0 14.6 21.8#



#37
Ethyl Acetate
Concen: 7.081 ug/l
RT: 7.344 min Scan# 922
Delta R.T. 0.059 min
Lab File: VD073104.D
Acq: 18 May 2022 17:40

Tgt Ion: 43 Resp: 56
Ion Ratio Lower Upper
43 100
61 0.0 9.8 14.8#
70 0.0 6.9 10.3#

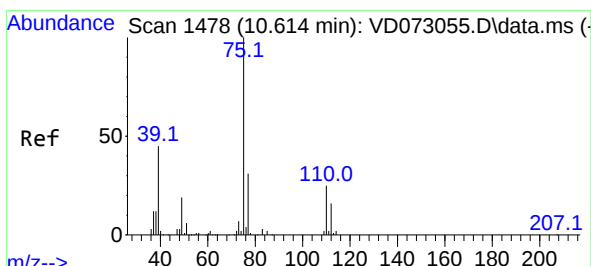
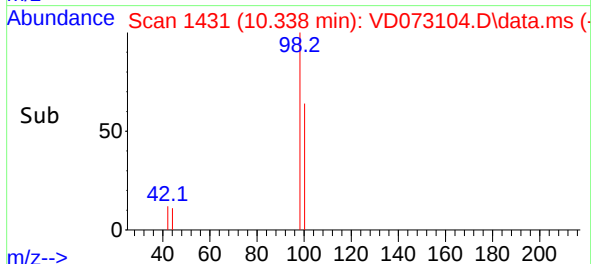
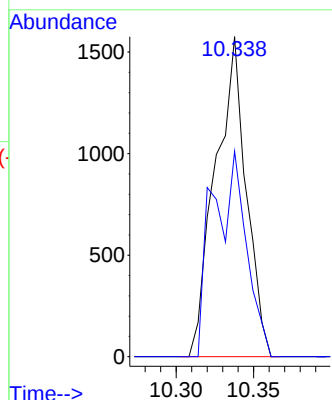
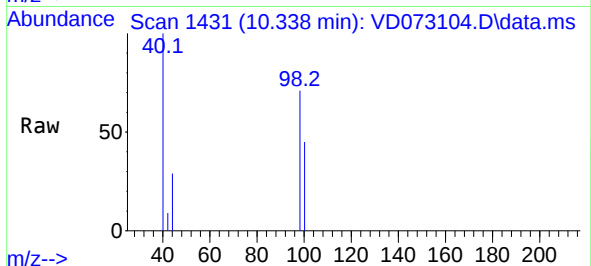




#50
Toluene-d8
Concen: 51.877 ug/l
RT: 10.338 min Scan# 1430
Delta R.T. 0.006 min
Lab File: VD073104.D
Acq: 18 May 2022 17:40

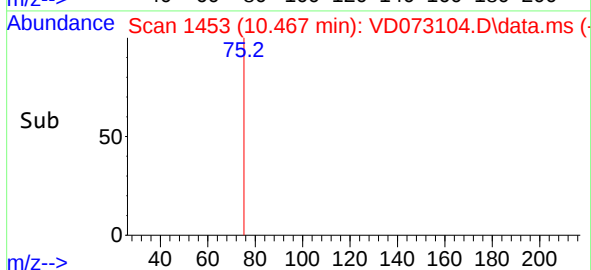
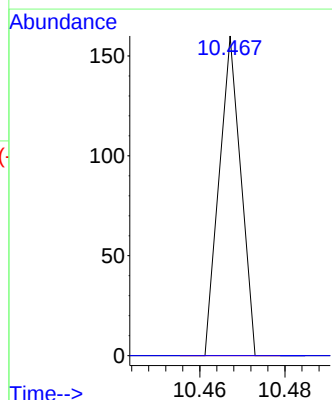
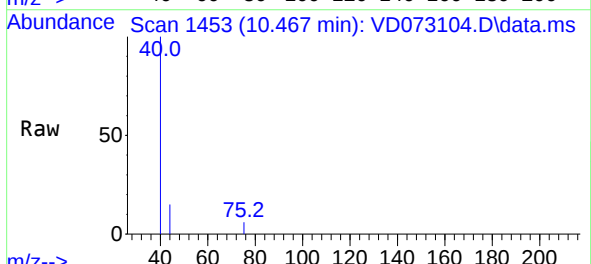
Instrument :
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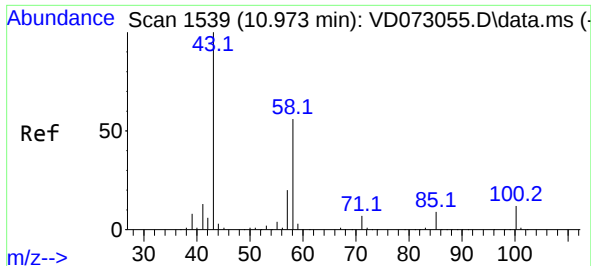
Tgt Ion: 98 Resp: 2175
Ion Ratio Lower Upper
98 100
100 35.3 52.4 78.6#



#53
t-1,3-Dichloropropene
Concen: 3.127 ug/l
RT: 10.467 min Scan# 1453
Delta R.T. -0.147 min
Lab File: VD073104.D
Acq: 18 May 2022 17:40

Tgt Ion: 75 Resp: 56
Ion Ratio Lower Upper
75 100
77 0.0 24.5 36.7#





#59

2-Hexanone

Concen: 12.035 ug/l

RT: 10.908 min Scan# 11

Delta R.T. -0.065 min

Lab File: VD073104.D

Acq: 18 May 2022 17:40

Instrument :

MSVOA_D

ClientSampleId :

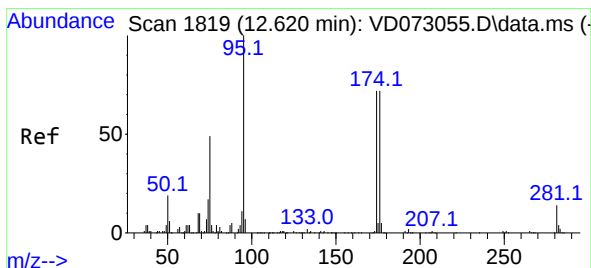
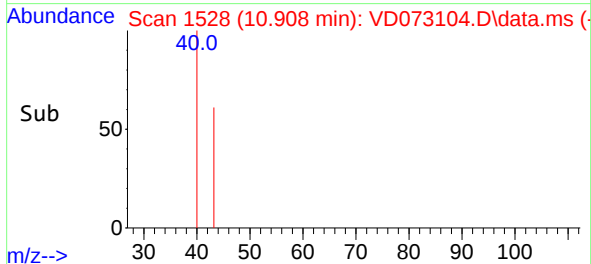
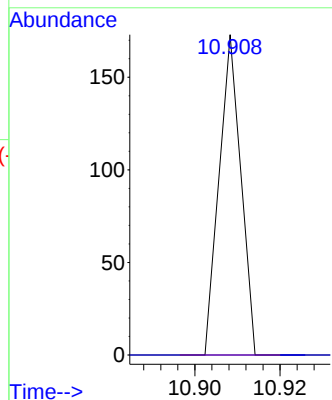
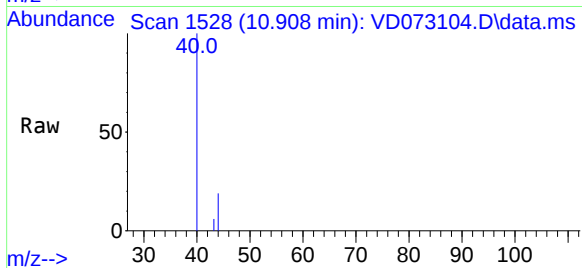
SB06

Tgt Ion: 43 Resp: 61

Ion Ratio Lower Upper

43 100

58 0.0 25.3 75.9#



#62

4-Bromofluorobenzene

Concen: 21.205 ug/l

RT: 12.620 min Scan# 1819

Delta R.T. 0.000 min

Lab File: VD073104.D

Acq: 18 May 2022 17:40

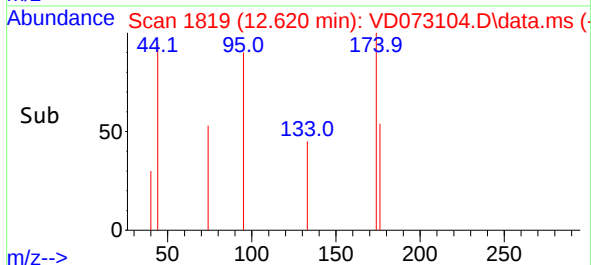
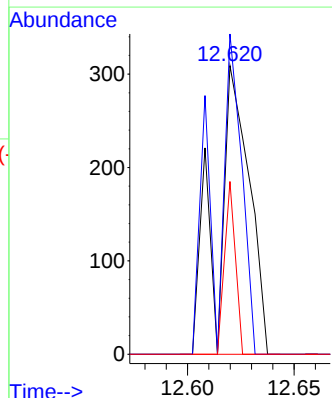
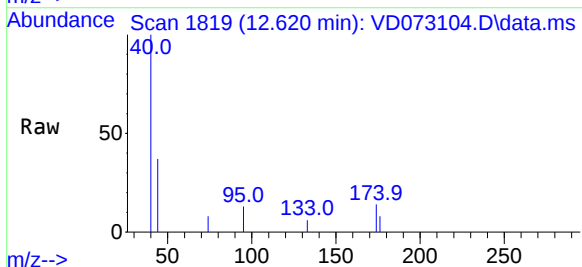
Tgt Ion: 95 Resp: 322

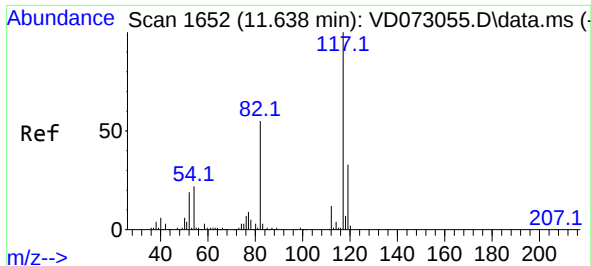
Ion Ratio Lower Upper

95 100

174 89.4 0.0 152.8

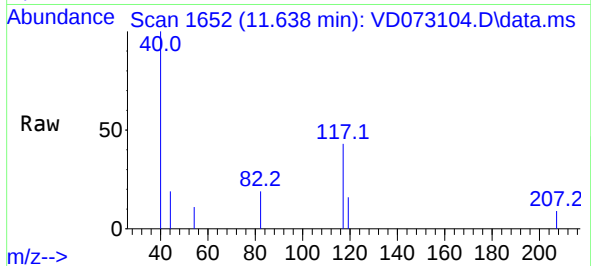
176 20.2 0.0 145.4



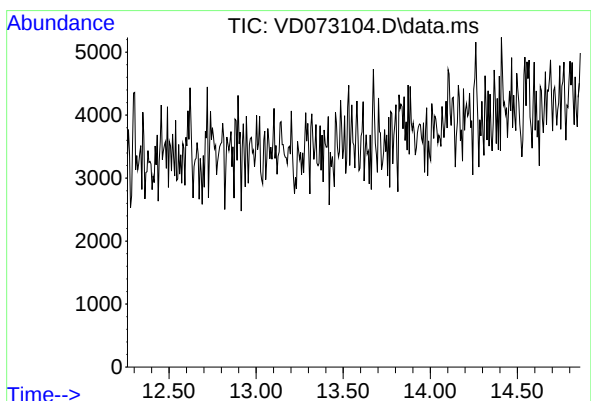
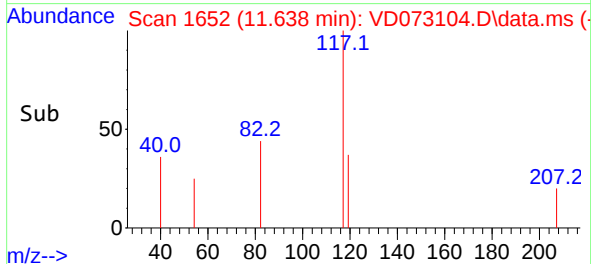
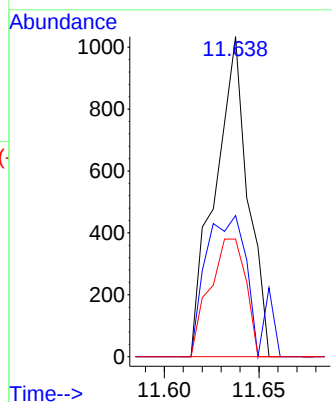


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1
Delta R.T. 0.000 min
Lab File: VD073104.D
Acq: 18 May 2022 17:40

Instrument :
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ClientSampleId :
SB06



Tgt Ion:117 Resp: 1254
Ion Ratio Lower Upper
117 100
82 44.1 45.3 67.9#
119 36.8 26.6 40.0



#72
1,4-Dichlorobenzene-d4
Concen: 0.000 ug/l
Expected RT: 13.56 min

Lab File: VD073104.D
Acq: 18 May 2022 17:40

Tgt Ion: 152
Sig Exp Ratio
152 100
115 62.5
150 174.3

