

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060222\
 Data File : VD073468.D
 Acq On : 02 Jun 2022 13:27
 Operator : VA/SY
 Sample : N3108-02RE
 Misc : 4.15G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 NP-2RE

Quant Time: Jun 03 01:29:19 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)

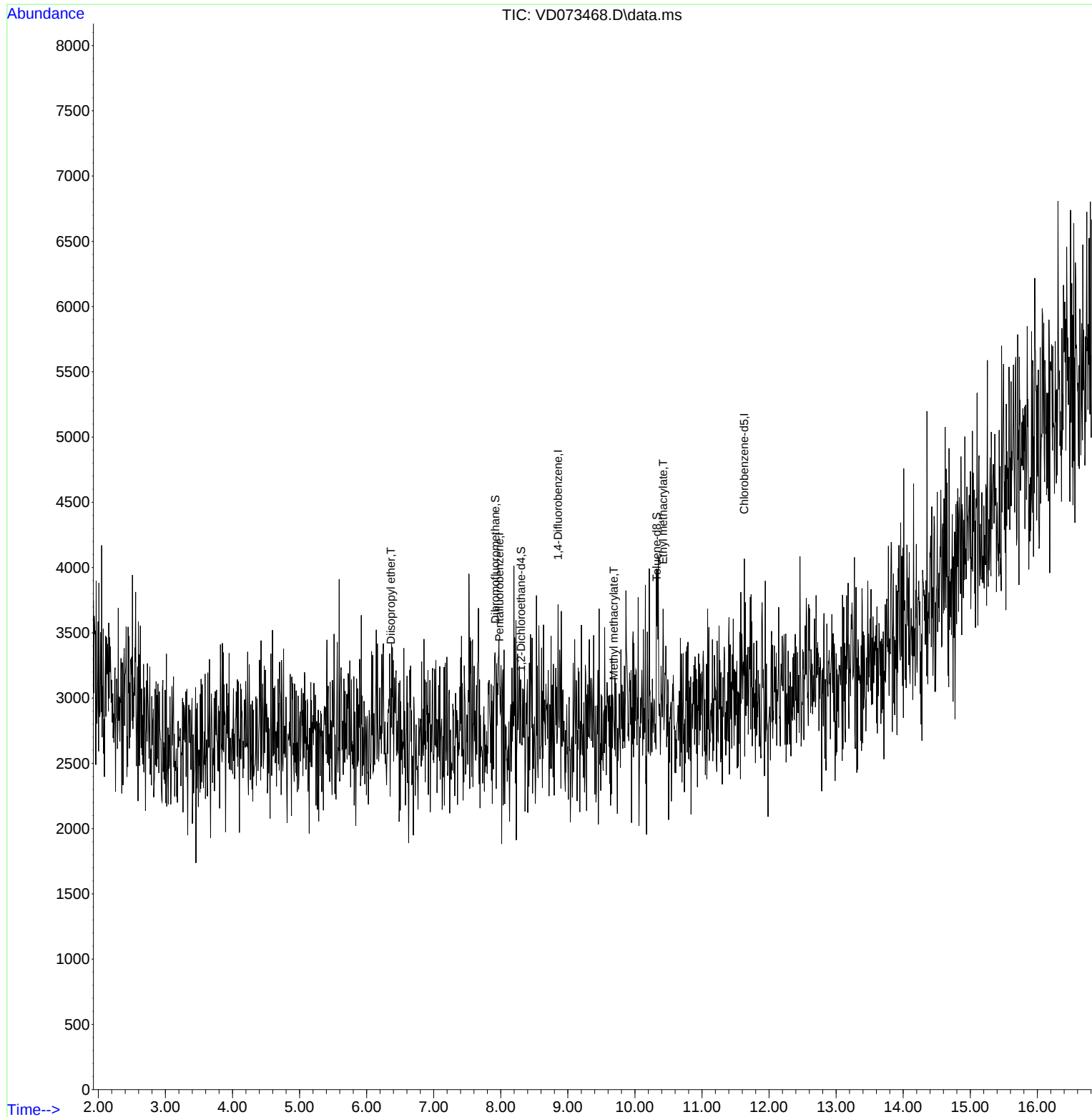
Internal Standards						
1) Pentafluorobenzene	7.979	168	652	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.855	114	836	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	625	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	0.000	152	0	0.000	ug/l	-13.56
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.302	65	119	16.515	ug/l	-0.02
Spiked Amount	50.000	Range	50 - 163	Recovery	=	33.040%#
35) Dibromofluoromethane	7.920	113	79	14.321	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	28.640%#
50) Toluene-d8	10.326	98	917	45.094	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	90.180%
62) 4-Bromofluorobenzene	0.000	95	0	0.000	ug/l	
Spiked Amount	50.000	Range	25 - 144	Recovery	=	0.000%#
Target Compounds						
					Qvalue	
22) Diisopropyl ether	6.361	45	67	3.022	ug/l	# 35
48) Methyl methacrylate	9.685	41	53	17.391	ug/l	# 19
56) Ethyl methacrylate	10.420	69	55	11.061	ug/l	# 18

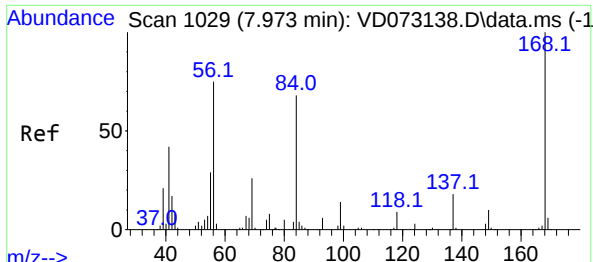
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.979 min Scan# 1029

Delta R.T. 0.006 min

Lab File: VD073468.D

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Instrument :

MSVOA_D

ClientSampleId :

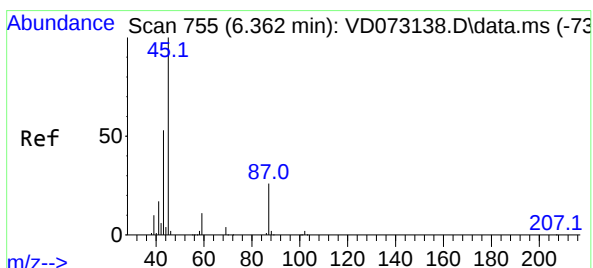
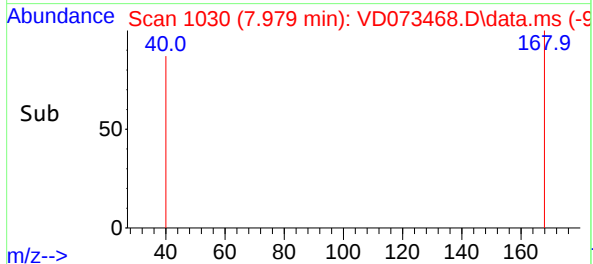
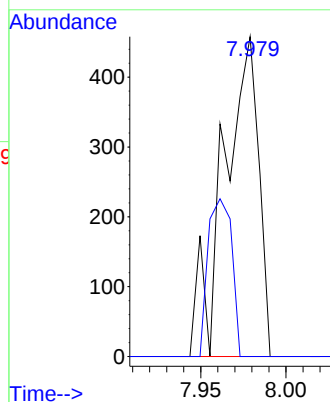
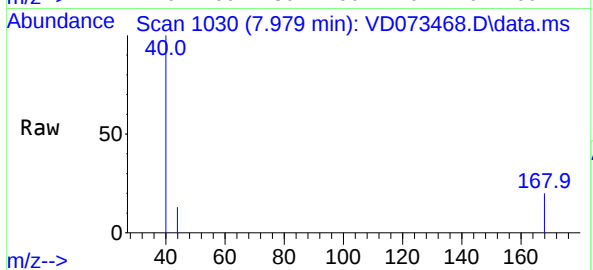
NP-2RE

Tgt Ion:168 Resp: 652

Ion Ratio Lower Upper

168 100

99 0.0 49.8 74.6#



#22

Diisopropyl ether

Concen: 3.022 ug/l

RT: 6.361 min Scan# 755

Delta R.T. -0.001 min

Lab File: VD073468.D

Acq: 02 Jun 2022 13:27

Tgt Ion: 45 Resp: 67

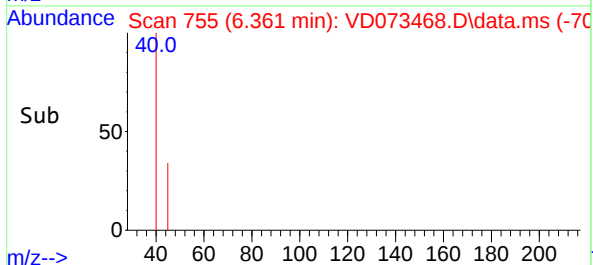
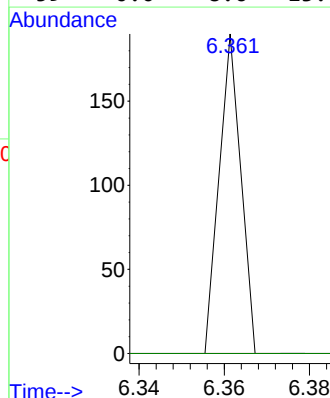
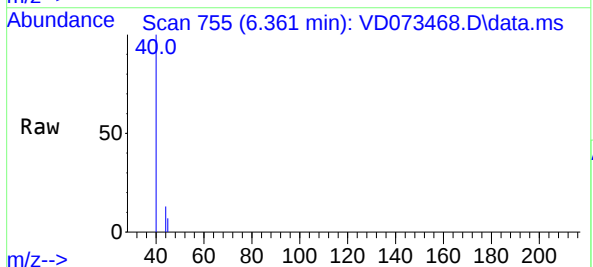
Ion Ratio Lower Upper

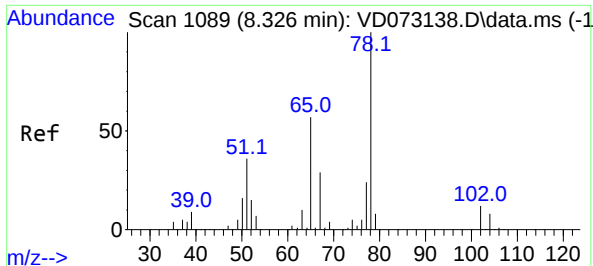
45 100

43 0.0 46.6 70.0#

87 0.0 18.4 27.6#

59 0.0 8.6 13.0#

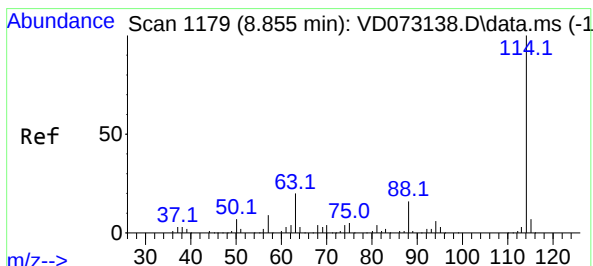
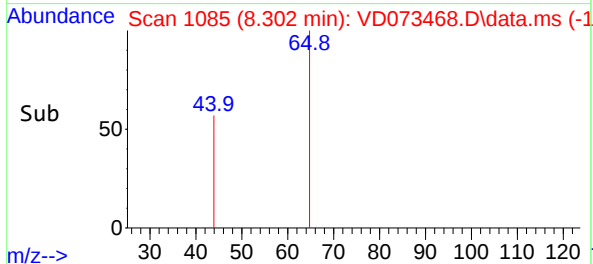
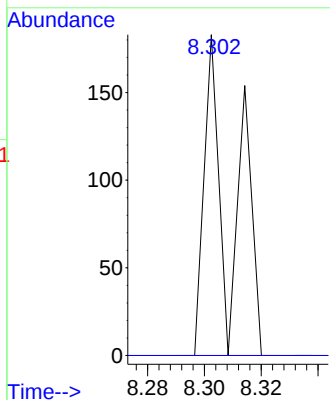
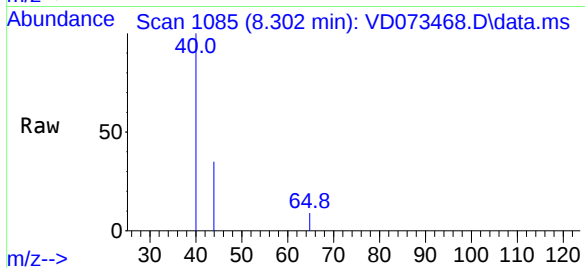




#33
1,2-Dichloroethane-d4
Concen: 16.515 ug/l
RT: 8.302 min Scan# 1085
Delta R.T. -0.024 min
Lab File: VD073468.D
Acq: 02 Jun 2022 13:27

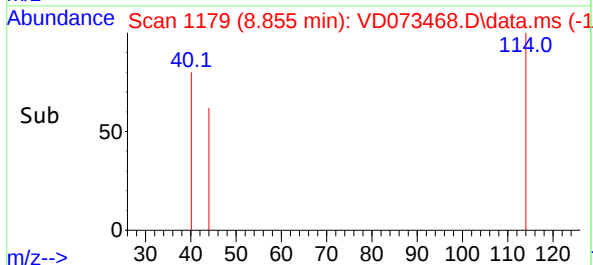
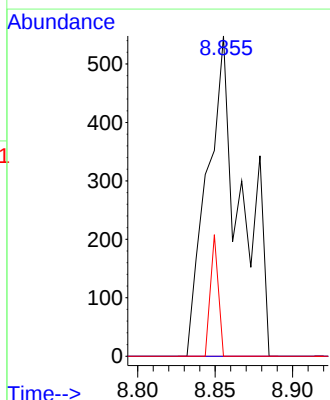
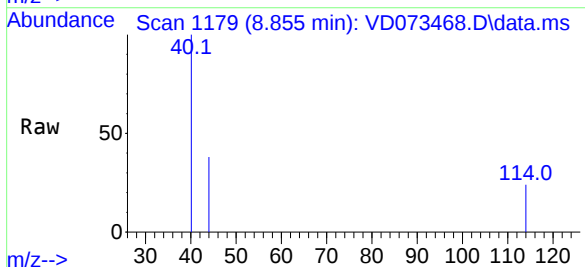
Instrument :
MSVOA_D
ClientSampleId :
NP-2RE

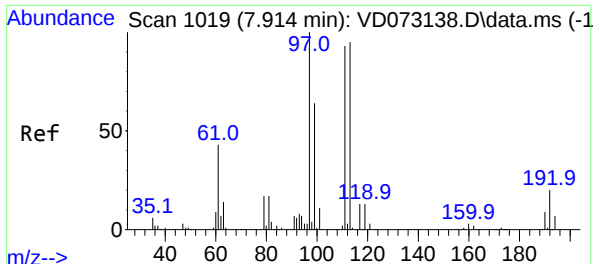
Tgt Ion: 65 Resp: 119
Ion Ratio Lower Upper
65 100
67 0.0 0.0 101.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.855 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VD073468.D
Acq: 02 Jun 2022 13:27

Tgt Ion: 114 Resp: 836
Ion Ratio Lower Upper
114 100
63 0.0 0.0 46.6
88 0.0 0.0 33.2





#35

Dibromofluoromethane

Concen: 14.321 ug/l

RT: 7.920 min Scan# 1019

Delta R.T. 0.006 min

Lab File: VD073468.D

Acq: 02 Jun 2022 13:27

Instrument :

MSVOA_D

ClientSampleId :

NP-2RE

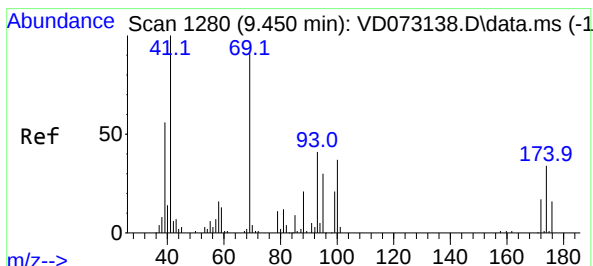
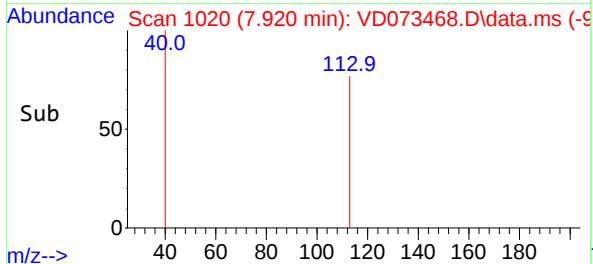
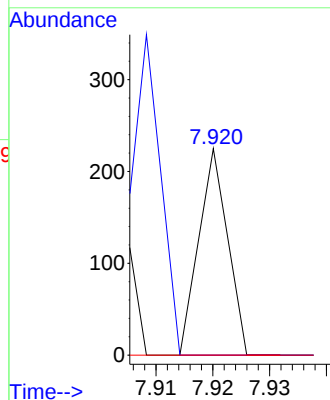
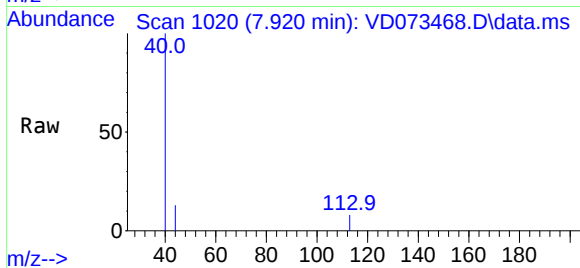
Tgt Ion:113 Resp: 79

Ion Ratio Lower Upper

113 100

111 0.0 83.8 125.6#

192 0.0 14.6 21.8#



#48

Methyl methacrylate

Concen: 17.391 ug/l

RT: 9.685 min Scan# 1320

Delta R.T. 0.235 min

Lab File: VD073468.D

Acq: 02 Jun 2022 13:27

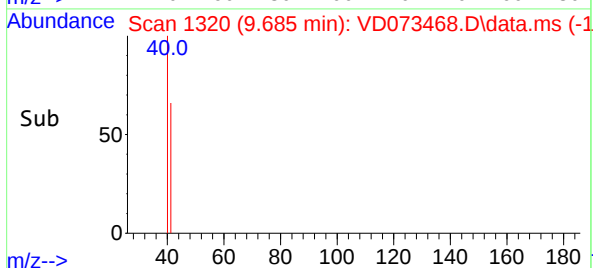
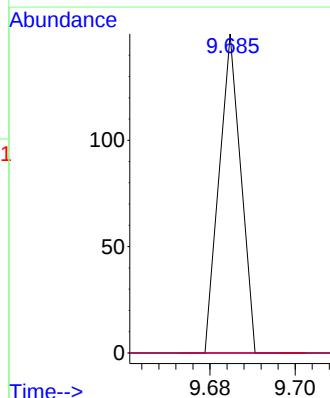
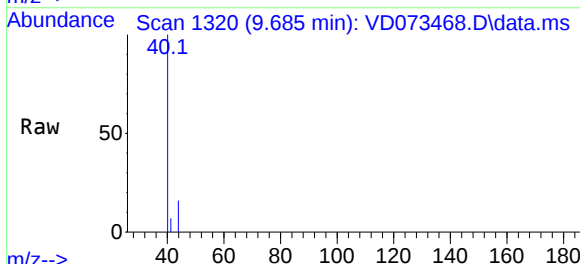
Tgt Ion: 41 Resp: 53

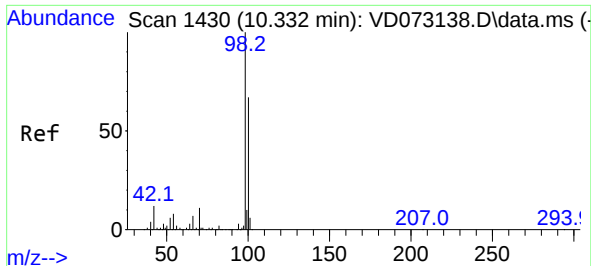
Ion Ratio Lower Upper

41 100

69 0.0 56.7 85.1#

39 0.0 42.7 64.1#

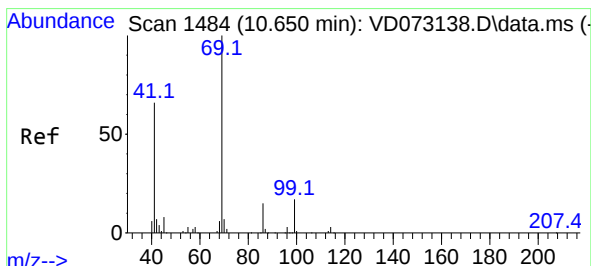
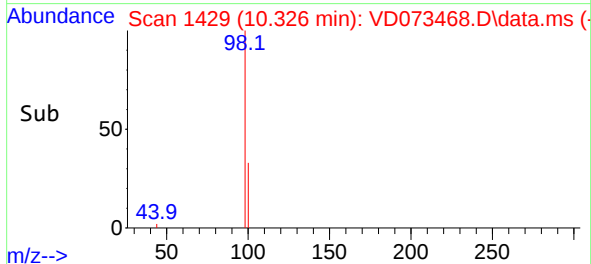
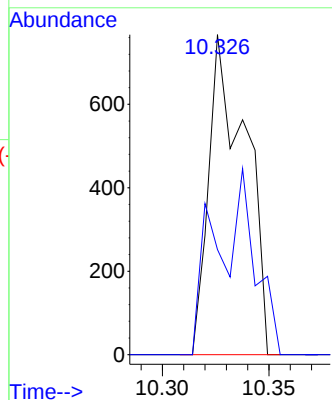
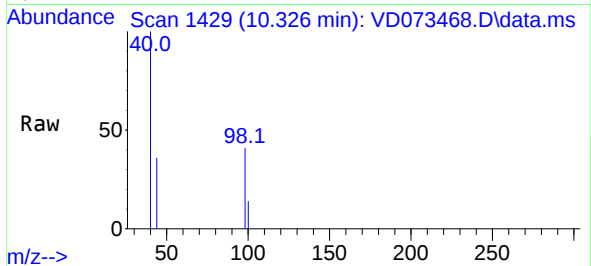




#50
Toluene-d8
Concen: 45.094 ug/l
RT: 10.326 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VD073468.D
Acq: 02 Jun 2022 13:27

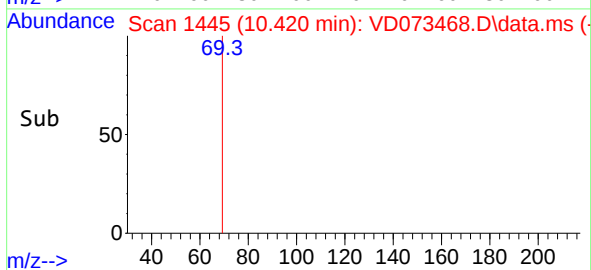
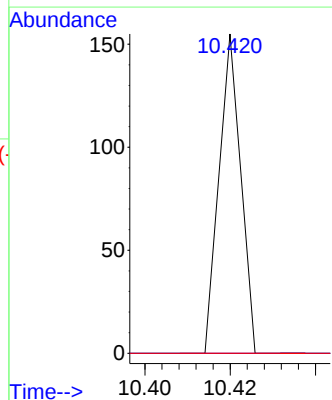
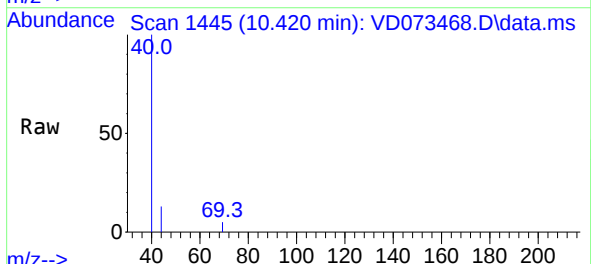
Instrument :
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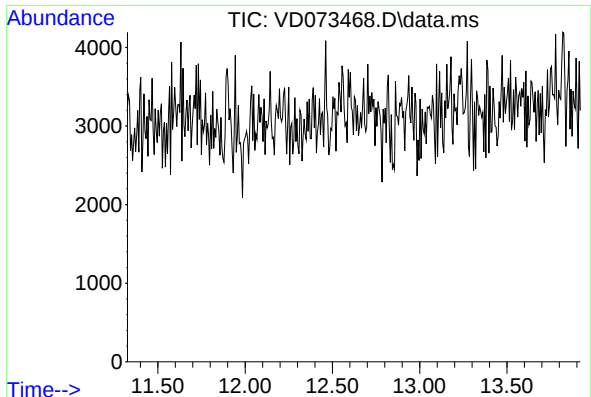
Tgt Ion: 98 Resp: 917
Ion Ratio Lower Upper
98 100
100 30.8 52.4 78.6#



#56
Ethyl methacrylate
Concen: 11.061 ug/l
RT: 10.420 min Scan# 1445
Delta R.T. -0.230 min
Lab File: VD073468.D
Acq: 02 Jun 2022 13:27

Tgt Ion: 69 Resp: 55
Ion Ratio Lower Upper
69 100
41 0.0 63.0 94.6#
39 0.0 33.8 50.8#

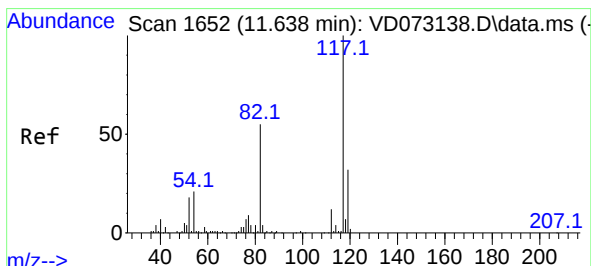
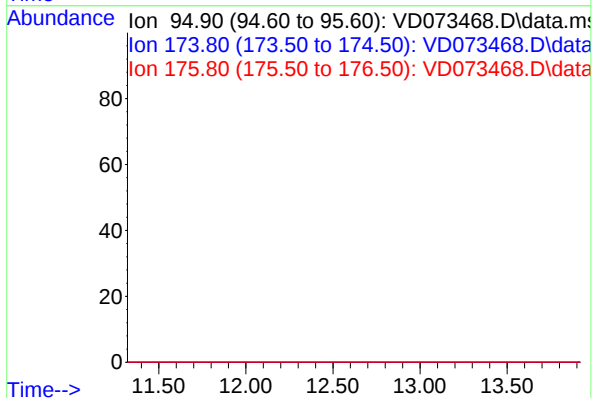




#62
4-Bromofluorobenzene
Concen: 0.000 ug/l
Expected RT: 12.62 min
Lab File: VD073468.D
Acq: 02 Jun 2022 13:27

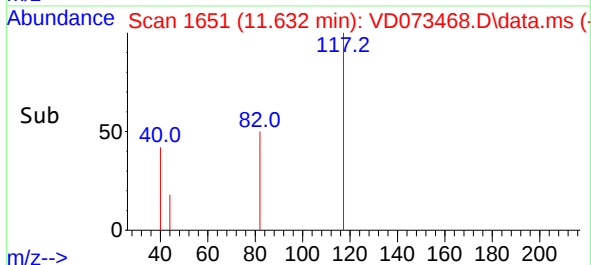
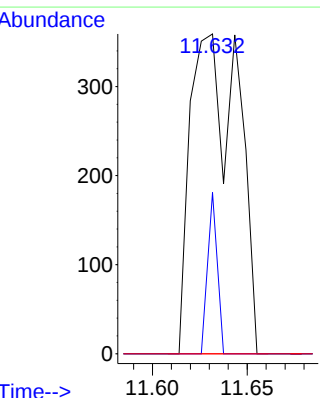
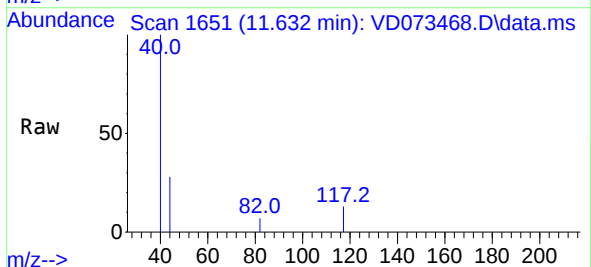
Instrument :
MSVOA_D
ClientSampleId :
NP-2RE

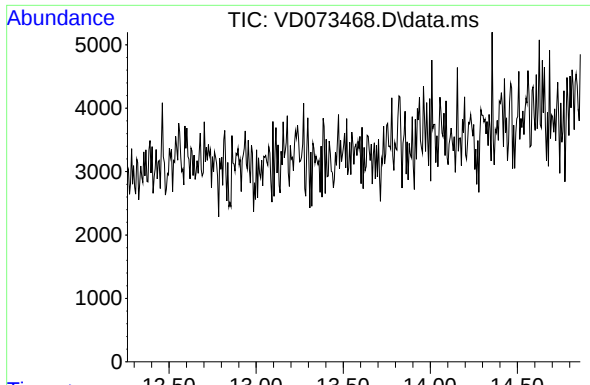
Tgt Ion: 95
Sig Exp Ratio
95 100
174 76.4
176 72.7



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 1651
Delta R.T. -0.006 min
Lab File: VD073468.D
Acq: 02 Jun 2022 13:27

Tgt Ion: 117 Resp: 625
Ion Ratio Lower Upper
117 100
82 50.4 45.3 67.9
119 0.0 26.6 40.0#





#72
1,4-Dichlorobenzene-d4
Concen: 0.000 ug/l
Expected RT: 13.56 min
Lab File: VD073468.D
Acq: 02 Jun 2022 13:27

Instrument :
MSVOA_D
ClientSampleId :
NP-2RE

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

