

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122722\
 Data File : VD075054.D
 Acq On : 27 Dec 2022 15:47
 Operator : KP/SY
 Sample : N6183-02RE
 Misc : 5.08G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 R-2RE

Quant Time: Dec 28 01:53:05 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D12222S.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 23 05:54:19 2022
 Response via : Initial Calibration

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

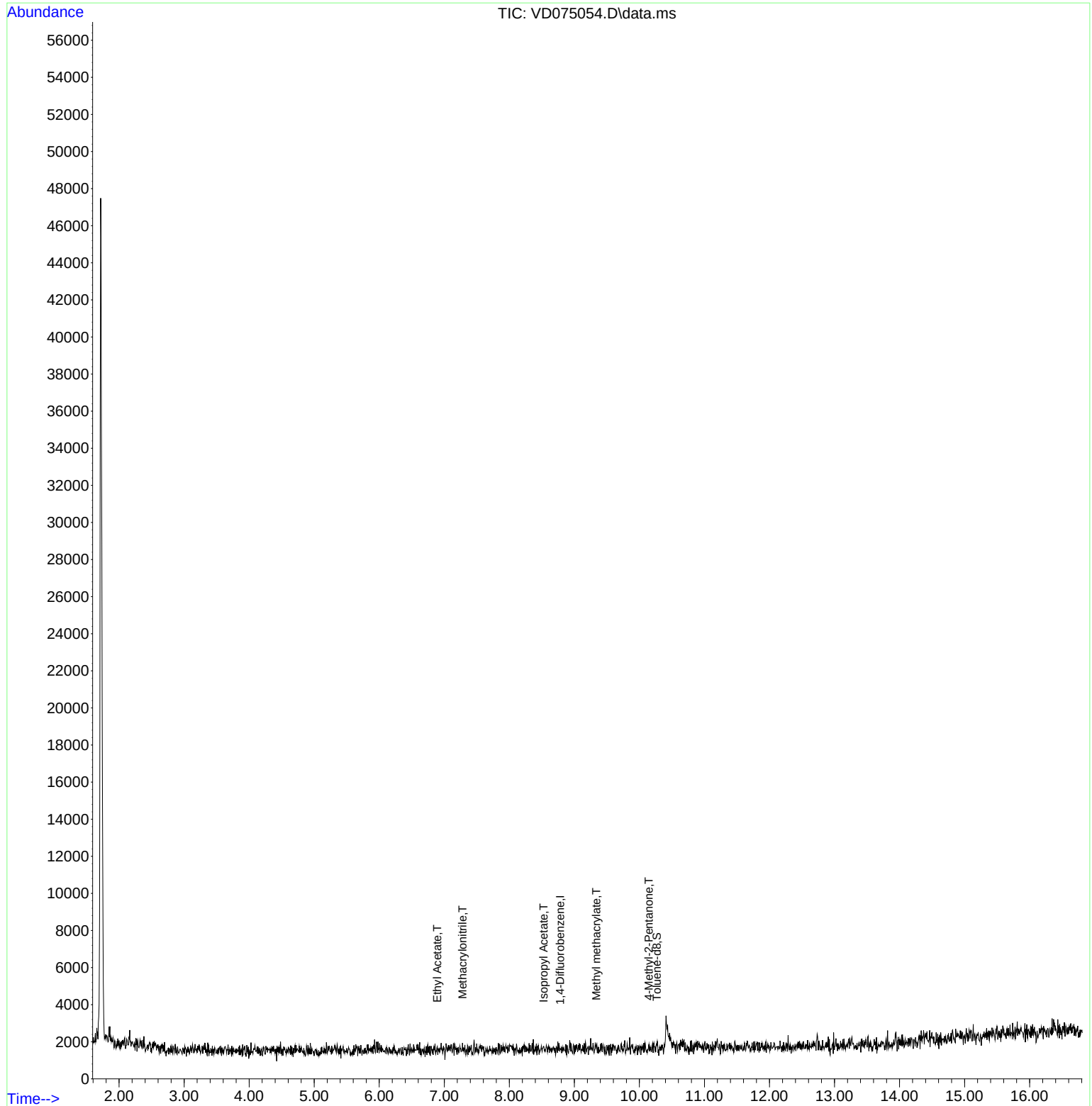
Internal Standards						
1) Pentafluorobenzene	0.000	168	0	0.000	ug/l	-7.88
34) 1,4-Difluorobenzene	8.781	114	54	50.000	ug/l	0.00
63) Chlorobenzene-d5	0.000	117	0	0.000	ug/l	-11.58
72) 1,4-Dichlorobenzene-d4	0.000	152	0	0.000	ug/l	-13.52
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	0.000	65	0	0.000	ug/l	
Spiked Amount	50.000	Range	50 - 163	Recovery	=	0.000%#
35) Dibromofluoromethane	0.000	113	0	0.000	ug/l	
Spiked Amount	50.000	Range	54 - 147	Recovery	=	0.000%#
50) Toluene-d8	10.269	98	135	105.147	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	210.300%#
62) 4-Bromofluorobenzene	0.000	95	0	0.000	ug/l	
Spiked Amount	50.000	Range	25 - 144	Recovery	=	0.000%#
Target Compounds						Qvalue
37) Ethyl Acetate	6.893	43	57	274.922	ug/l #	65
41) Methacrylonitrile	7.281	41	55	426.358	ug/l #	18
43) Isopropyl Acetate	8.528	43	59	141.454	ug/l #	46
48) Methyl methacrylate	9.340	41	65	343.086	ug/l #	7
51) 4-Methyl-2-Pentanone	10.146	43	62	300.907	ug/l #	31

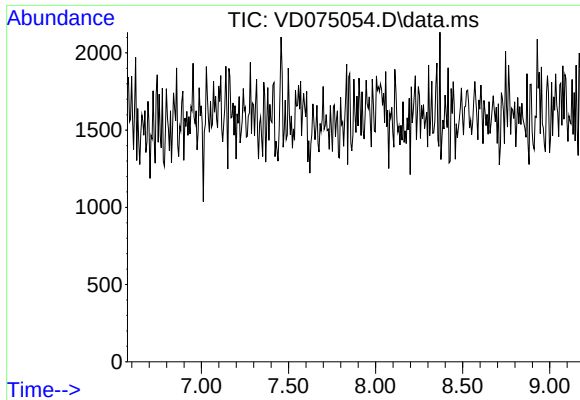
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D122222S.M
Quant Title : SW846 8260
QLast Update : Fri Dec 23 05:54:19 2022
Response via : Initial Calibration



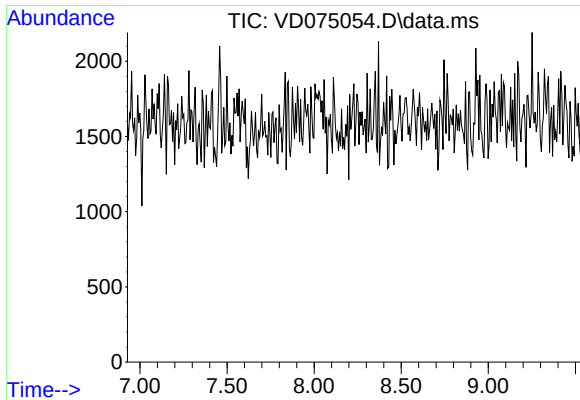
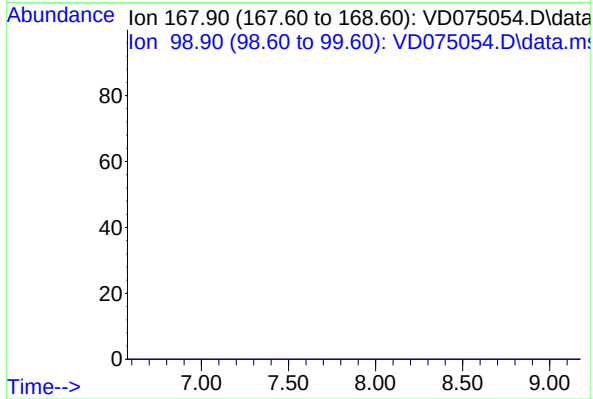


#1
Pentafluorobenzene
Concen: 0.000 ug/l
Expected RT: 7.88 min

Lab File: VD075054.D
Acq: 27 Dec 2022 15:47

Instrument :
MSVOA_D
ClientSampleId :
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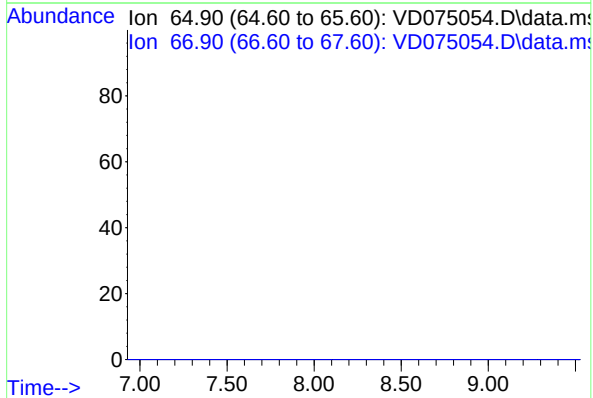
Tgt Ion: 168
Sig Exp Ratio
168 100
99 50.4

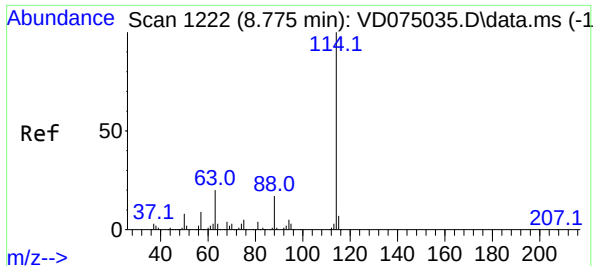


#33
1,2-Dichloroethane-d4
Concen: 0.000 ug/l
Expected RT: 8.23 min

Lab File: VD075054.D
Acq: 27 Dec 2022 15:47

Tgt Ion: 65
Sig Exp Ratio
65 100
67 55.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD075054.D

Acq: 27 Dec 2022 15:47

Instrument :

MSVOA_D

ClientSampleId :

R-2RE

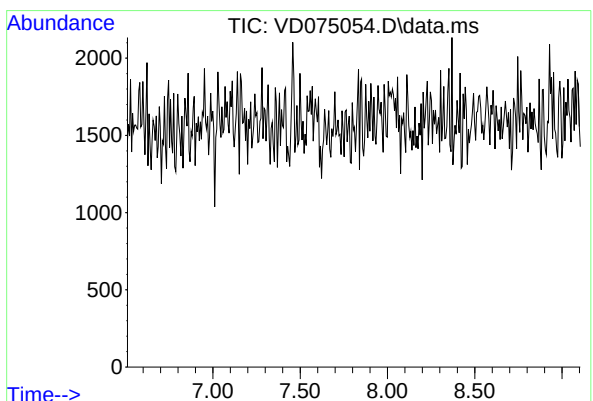
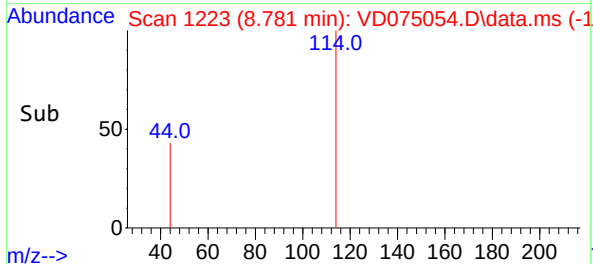
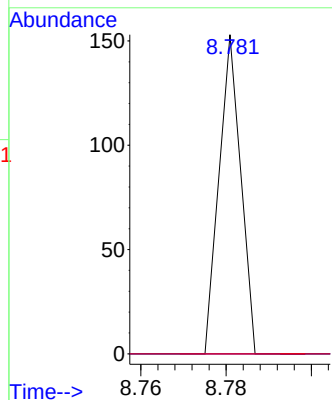
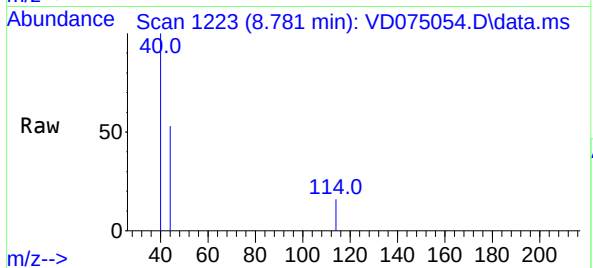
Tgt Ion:114 Resp: 54

Ion Ratio Lower Upper

114 100

63 0.0 0.0 33.8

88 0.0 0.0 27.8



#35

Dibromofluoromethane

Concen: 0.000 ug/l

Expected RT: 7.80 min

Lab File: VD075054.D

Acq: 27 Dec 2022 15:47

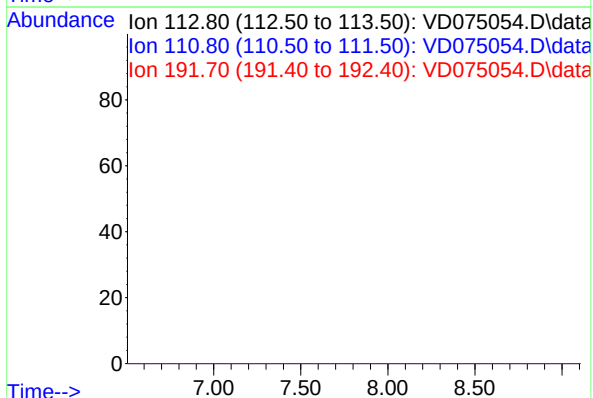
Tgt Ion: 113

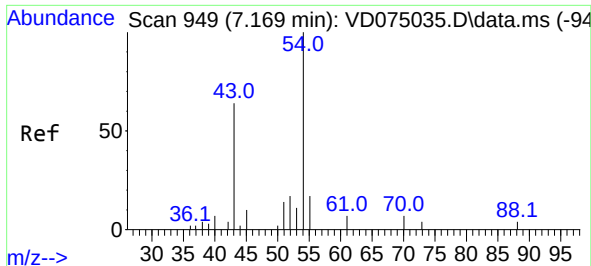
Sig Exp Ratio

113 100

111 102.6

192 18.9

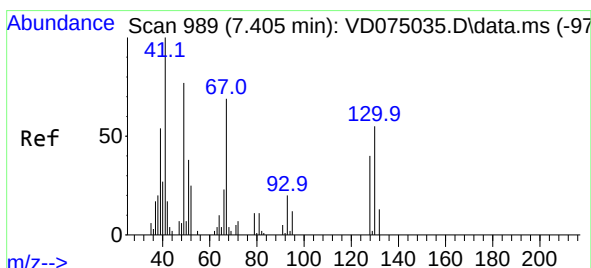
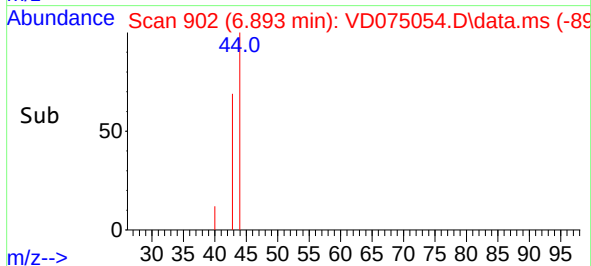
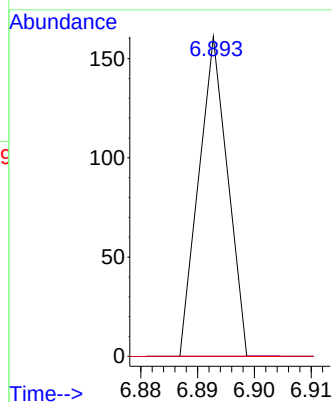
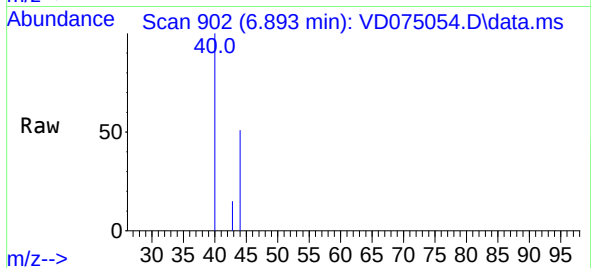




#37
Ethyl Acetate
Concen: 274.922 ug/l
RT: 6.893 min Scan# 90
Delta R.T. -0.276 min
Lab File: VD075054.D
Acq: 27 Dec 2022 15:47

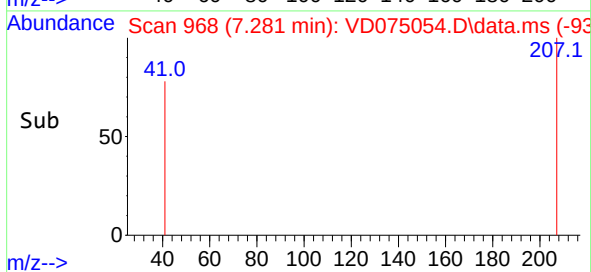
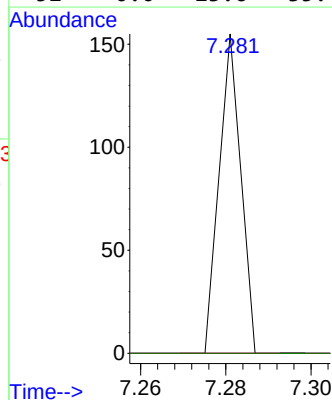
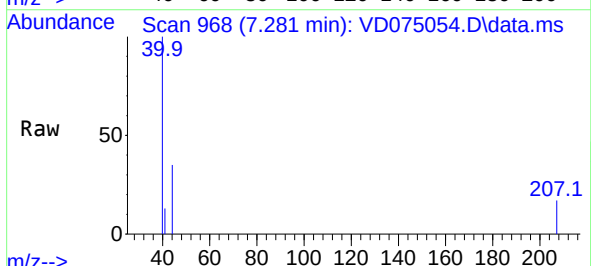
Instrument :
MSVOA_D
ClientSampleId :
R-2RE

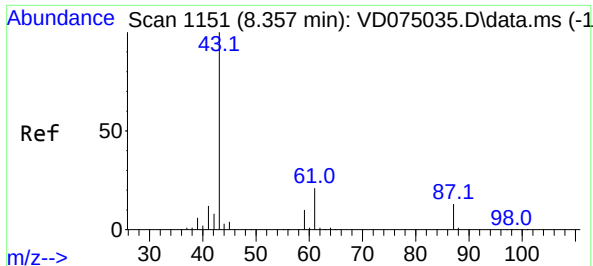
Tgt Ion:	43	Resp:	57
Ion	Ratio	Lower	Upper
43	100		
61	0.0	12.8	19.2#
70	0.0	10.2	15.4#



#41
Methacrylonitrile
Concen: 426.358 ug/l
RT: 7.281 min Scan# 968
Delta R.T. -0.124 min
Lab File: VD075054.D
Acq: 27 Dec 2022 15:47

Tgt Ion:	41	Resp:	55
Ion	Ratio	Lower	Upper
41	100		
39	0.0	44.8	67.2#
67	0.0	69.6	104.4#
52	0.0	23.6	35.4#

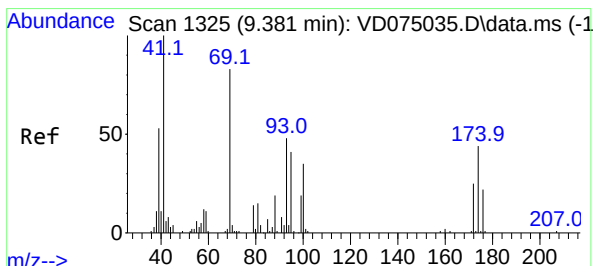
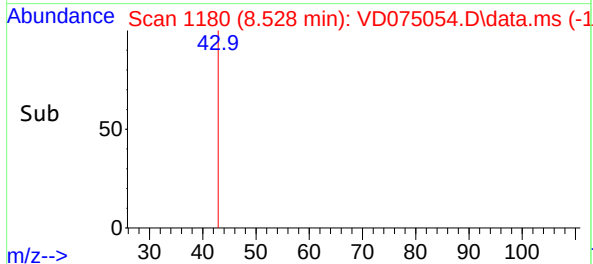
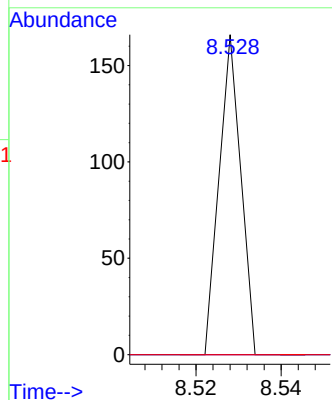
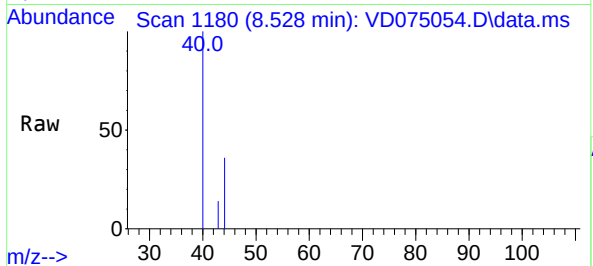




#43
Isopropyl Acetate
Concen: 141.454 ug/l
RT: 8.528 min Scan# 1151
Delta R.T. 0.171 min
Lab File: VD075054.D
Acq: 27 Dec 2022 15:47

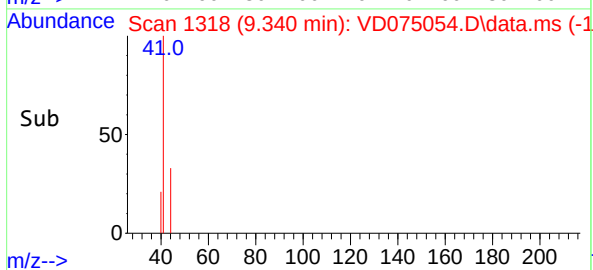
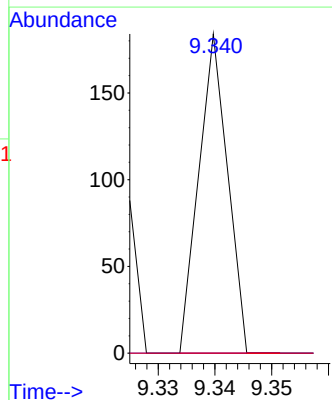
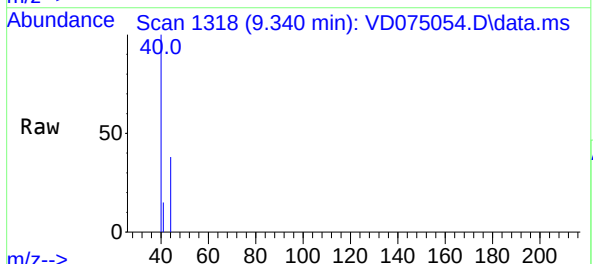
Instrument :
MSVOA_D
ClientSampleId :
R-2RE

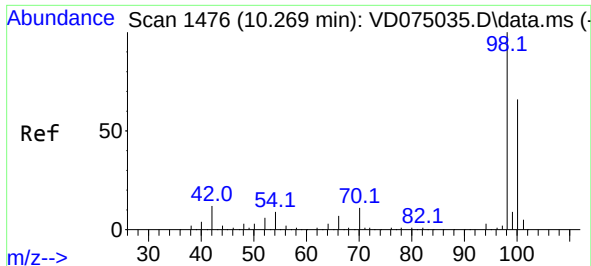
Tgt Ion:	43	Resp:	59
Ion	Ratio	Lower	Upper
43	100		
61	0.0	28.2	42.4#
87	0.0	13.6	20.4#



#48
Methyl methacrylate
Concen: 343.086 ug/l
RT: 9.340 min Scan# 1318
Delta R.T. -0.041 min
Lab File: VD075054.D
Acq: 27 Dec 2022 15:47

Tgt Ion:	41	Resp:	65
Ion	Ratio	Lower	Upper
41	100		
69	0.0	84.8	127.2#
39	0.0	43.6	65.4#

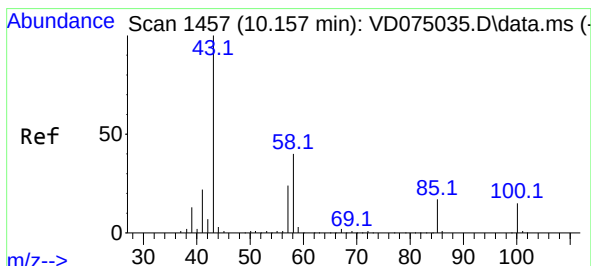
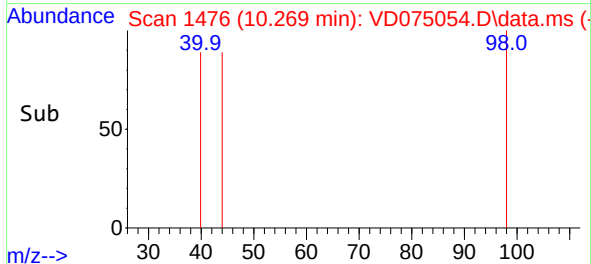
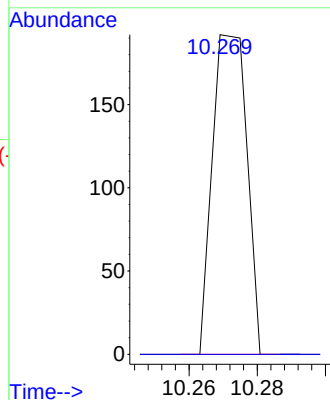
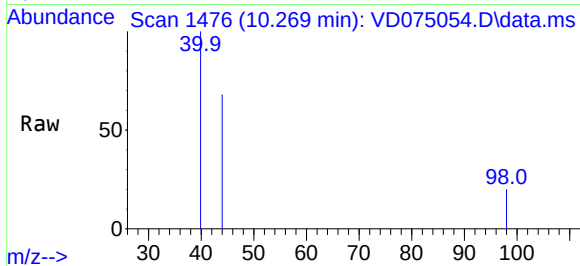




#50
Toluene-d8
Concen: 105.147 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD075054.D
Acq: 27 Dec 2022 15:47

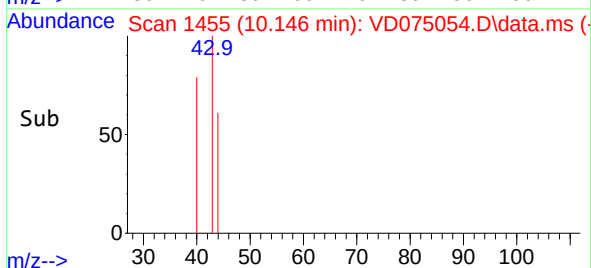
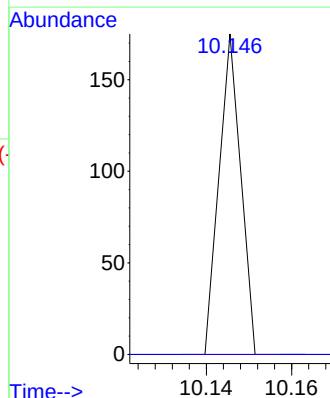
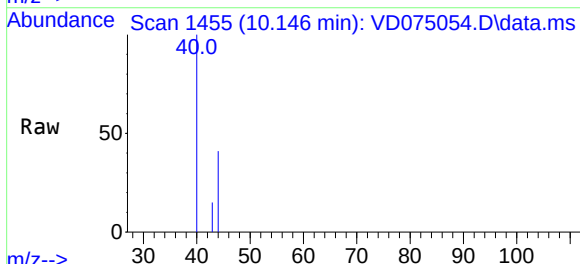
Instrument :
MSVOA_D
ClientSampleId :
R-2RE

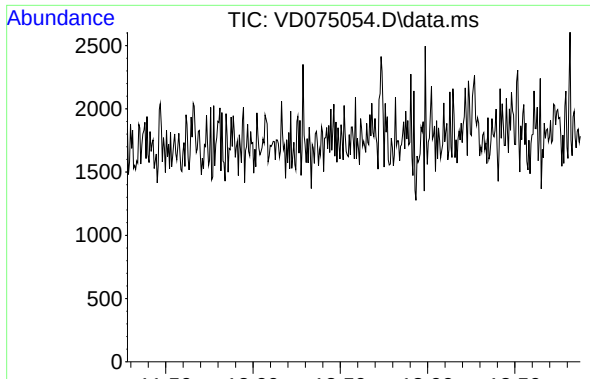
Tgt Ion: 98 Resp: 135
Ion Ratio Lower Upper
98 100
100 0.0 52.2 78.2#



#51
4-Methyl-2-Pentanone
Concen: 300.907 ug/l
RT: 10.146 min Scan# 1455
Delta R.T. -0.011 min
Lab File: VD075054.D
Acq: 27 Dec 2022 15:47

Tgt Ion: 43 Resp: 62
Ion Ratio Lower Upper
43 100
58 0.0 35.7 53.5#

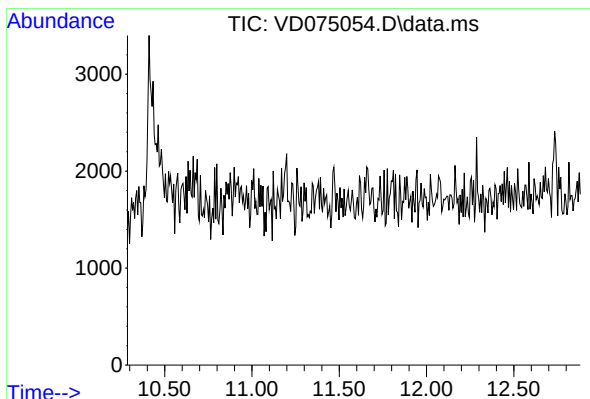
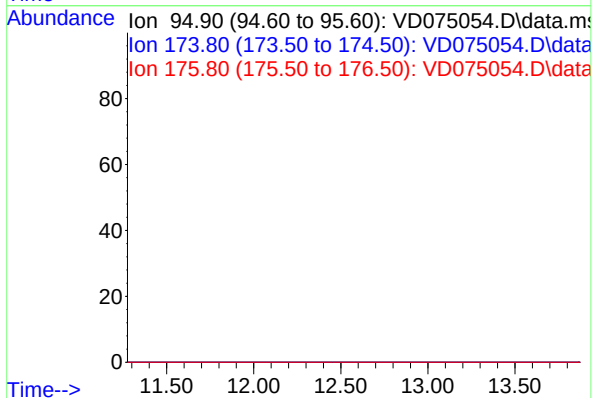




#62
 4-Bromofluorobenzene
 Concen: 0.000 ug/l
 Expected RT: 12.57 min
 Lab File: VD075054.D
 Acq: 27 Dec 2022 15:47

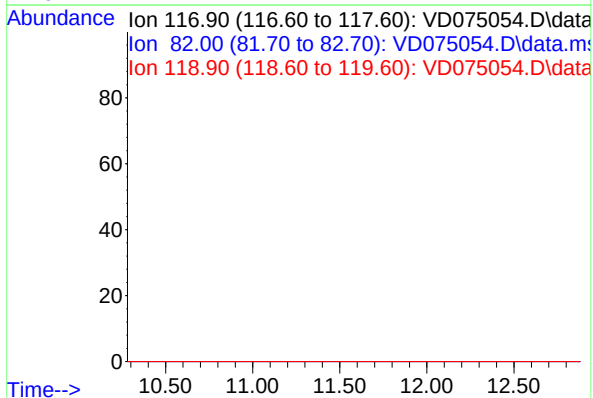
Instrument :
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 ClientSampleId :
 R-2RE

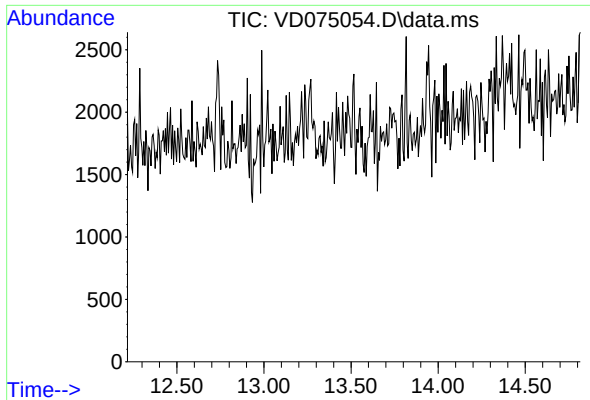
Tgt Ion: 95
 Sig Exp Ratio
 95 100
 174 85.6
 176 82.5



#63
 Chlorobenzene-d5
 Concen: 0.000 ug/l
 Expected RT: 11.58 min
 Lab File: VD075054.D
 Acq: 27 Dec 2022 15:47

Tgt Ion: 117
 Sig Exp Ratio
 117 100
 82 51.1
 119 31.9





#72
1,4-Dichlorobenzene-d4
Concen: 0.000 ug/l
Expected RT: 13.52 min
Lab File: VD075054.D
Acq: 27 Dec 2022 15:47

Instrument :
MSVOA_D
ClientSampleId :
R-2RE

Tgt Ion: 152
Sig Exp Ratio
152 100
115 57.7
150 177.1

