

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF021419\
 Data File : VF061637.D
 Acq On : 14 Feb 2019 13:39
 Operator : VA/AP
 Sample : K1462-19RE
 Misc : 6.59g/5mL/MSVOA-F/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 TP-3-SRE

Quant Time: Feb 15 00:47:06 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F021319S.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 14 03:27:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	0.00	168	0	0.00	ug/l	-4.89
34) 1,4-Difluorobenzene	0.00	114	0	0.00	ug/l	-5.61
63) Chlorobenzene-d5	0.00	117	0	0.00	ug/l	-9.79
72) 1,4-Dichlorobenzene-d4	12.55	152	68	50.00	ug/l	-0.01

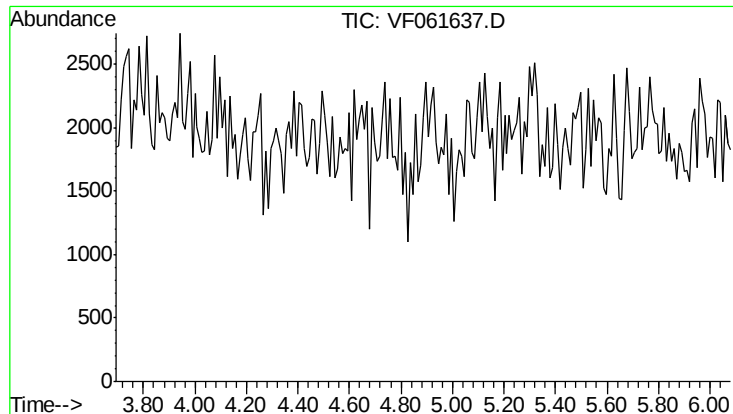
System Monitoring Compounds

33) 1,2-Dichloroethane-d4	0.00	65	0	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	
35) Dibromofluoromethane	0.00	113	0	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	
50) Toluene-d8	0.00	98	0	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	
62) 4-Bromofluorobenzene	0.00	95	0	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	

Target Compounds

						Qvalue
74) N-amyl acetate	11.35	43	147	126.498	ug/l #	44
76) 1,2,3-Trichloropropane	11.77	75	83	140.747	ug/l #	42
81) trans-1,4-Dichloro-2-buten	11.77	75	83	293.582	ug/l #	21
84) 1,2,4-Trimethylbenzene	12.32	105	67	17.428	ug/l #	26
85) sec-Butylbenzene	12.32	105	67	12.089	ug/l #	54

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



#1

Pentafluorobenzene

Concen: 0.000 ug/l

Expected RT: 4.89 min

Lab File: VF061637.D

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Tgt Ion: 168

Sig Exp Ratio

168 100

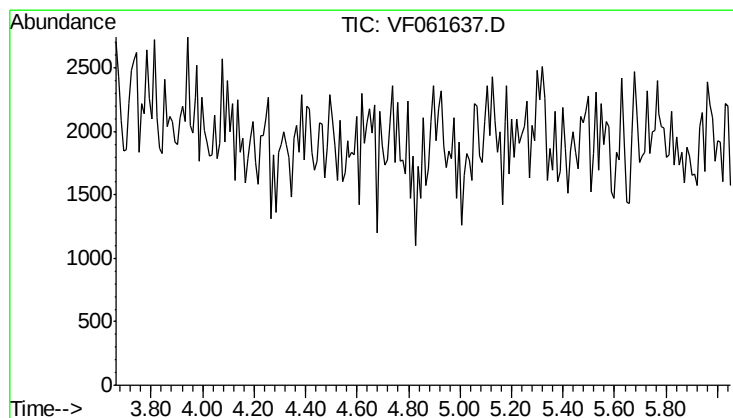
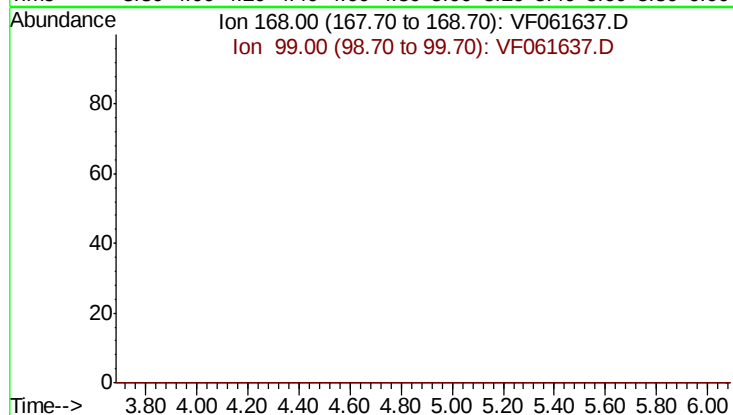
99 43.6

Instrument :

MSVOA_F

ClientSampleId :

TP-3-SRE



#33

1,2-Dichloroethane-d4

Concen: 0.000 ug/l

Expected RT: 4.86 min

Lab File: VF061637.D

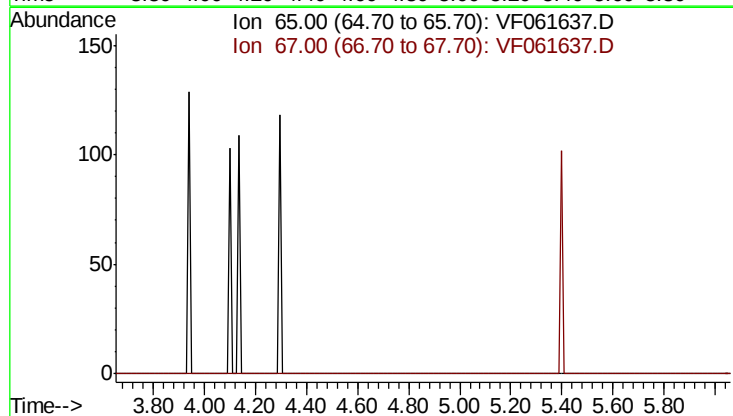
Acq: 14 Feb 2019 13:39

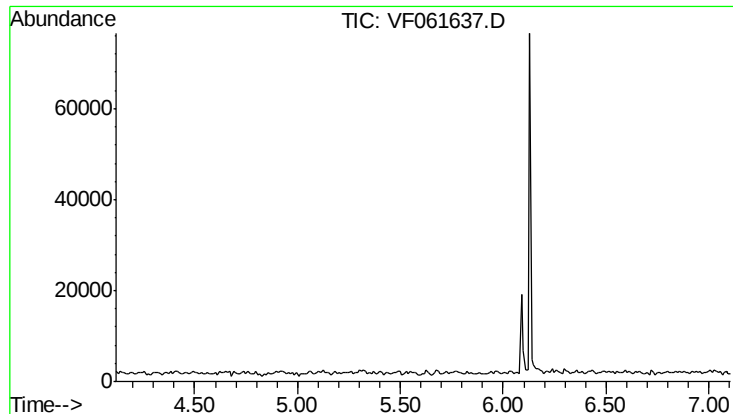
Tgt Ion: 65

Sig Exp Ratio

65 100

67 52.0

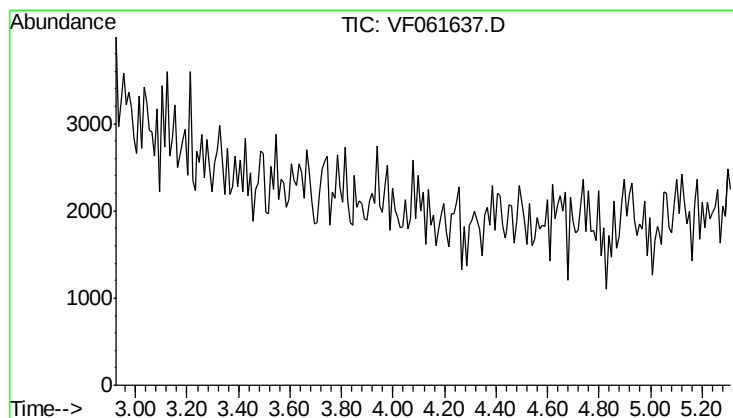
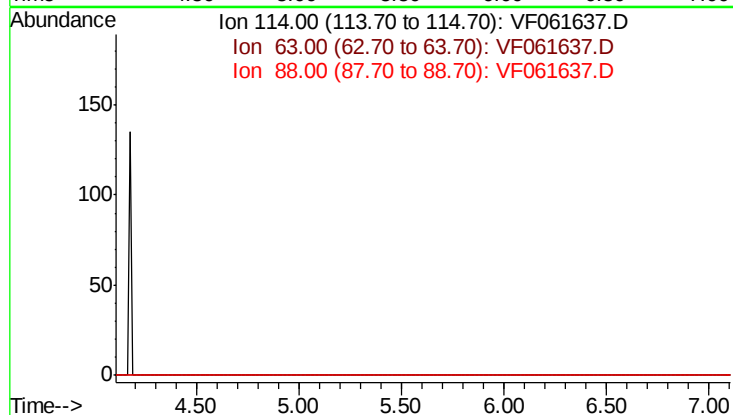




#34
 1,4-Difluorobenzene
 Concen: 0.000 ug/l
 Expected RT: 5.61 min
 Lab File: VF061637.D
 Acq: 14 Feb 2019 13:39

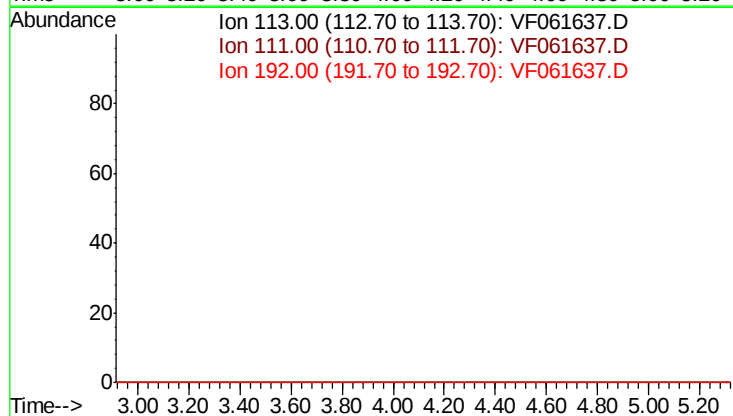
Instrument :
 MSVOA_F
 ClientSampleId :
 TP-3-SRE

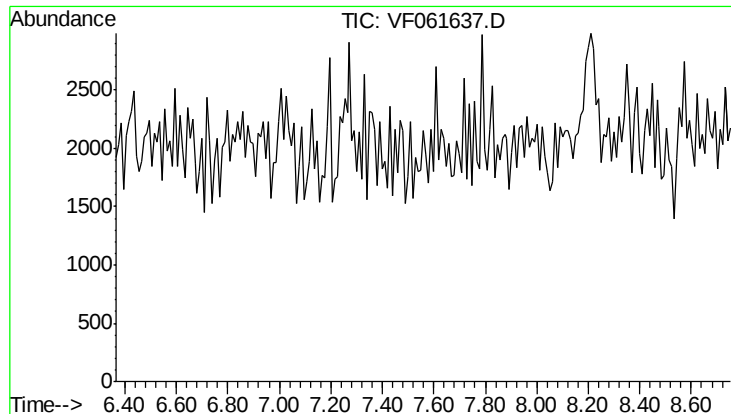
Tgt Ion: 114
 Sig Exp Ratio
 114 100
 63 18.3
 88 17.2



#35
 Dibromofluoromethane
 Concen: 0.000 ug/l
 Expected RT: 4.12 min
 Lab File: VF061637.D
 Acq: 14 Feb 2019 13:39

Tgt Ion: 113
 Sig Exp Ratio
 113 100
 111 98.5
 192 16.7



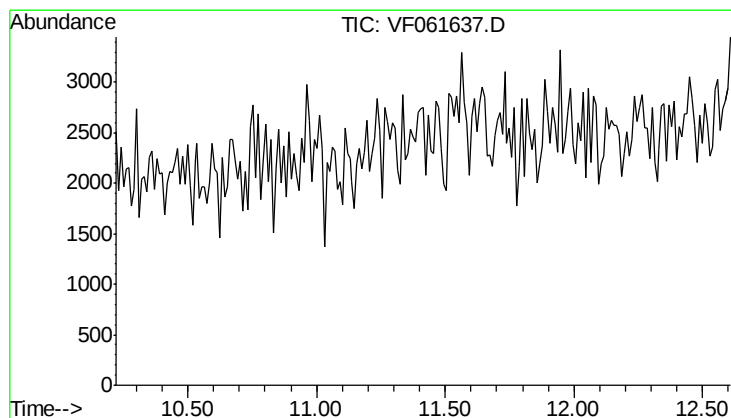
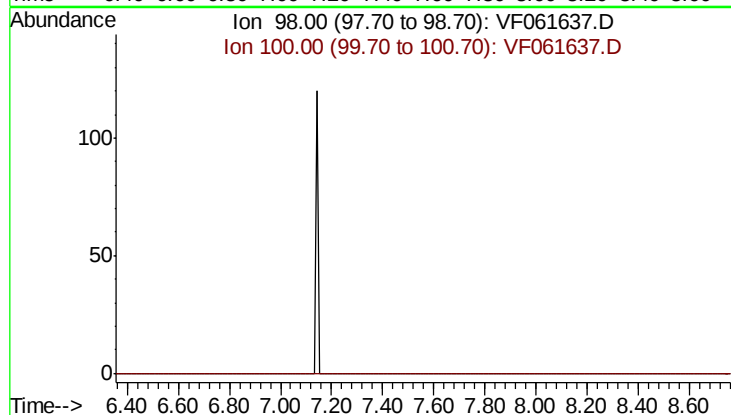


#50
Toluene-d8
Concen: 0.000 ug/l
Expected RT: 7.56 min

Lab File: VF061637.D
Acq: 14 Feb 2019 13:39

Instrument :
MSVOA_F
ClientSampleId :
TP-3-SRE

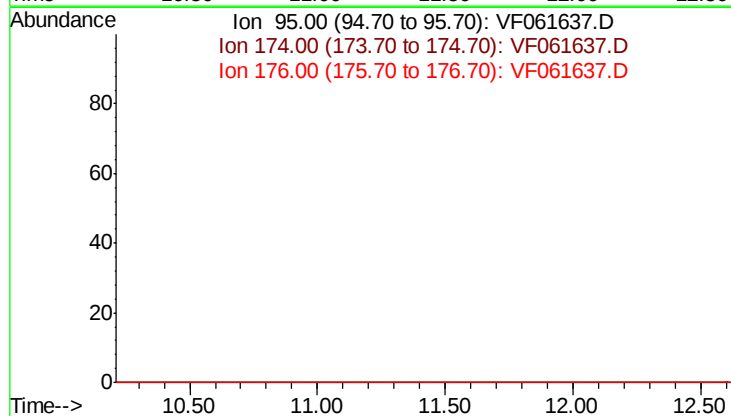
Tgt Ion: 98
Sig Exp Ratio
98 100
100 69.3

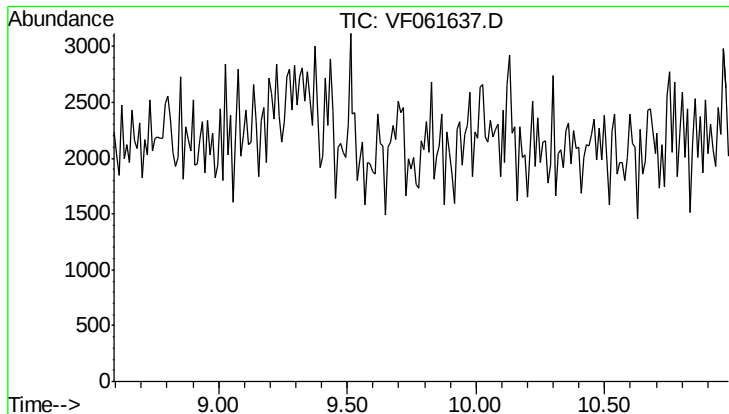


#62
4-Bromofluorobenzene
Concen: 0.000 ug/l
Expected RT: 11.42 min

Lab File: VF061637.D
Acq: 14 Feb 2019 13:39

Tgt Ion: 95
Sig Exp Ratio
95 100
174 82.9
176 83.5

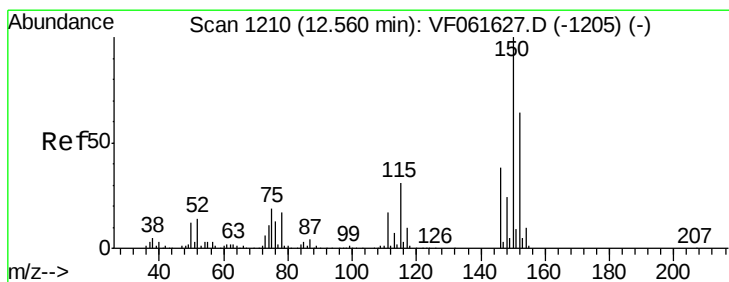
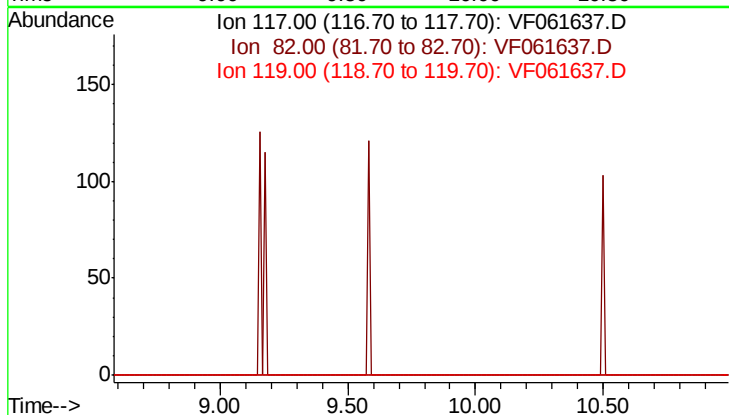




#63
 Chlorobenzene-d5
 Concen: 0.000 ug/l
 Expected RT: 9.79 min
 Lab File: VF061637.D
 Acq: 14 Feb 2019 13:39

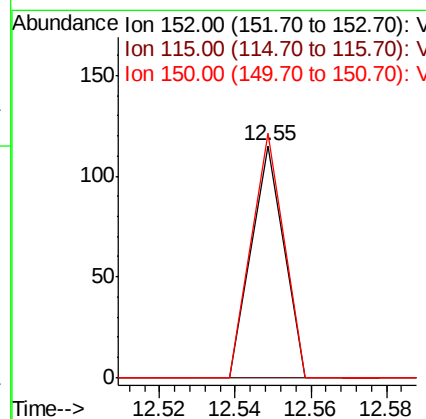
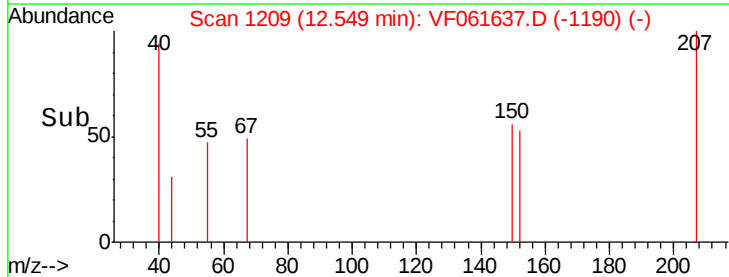
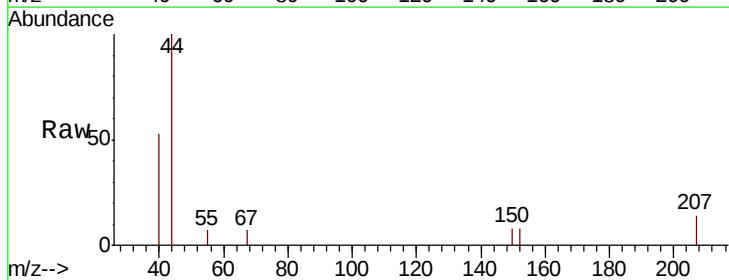
Instrument :
 MSVOA_F
 ClientSampleId :
 TP-3-SRE

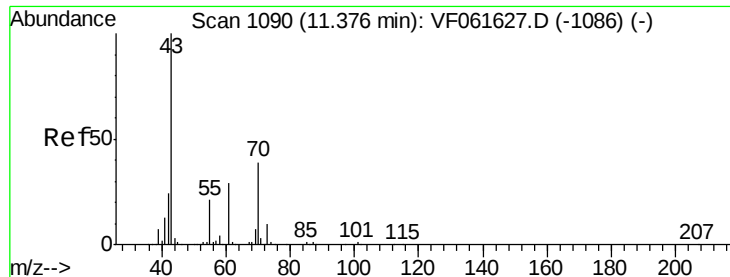
Tgt Ion: 117
 Sig Exp Ratio
 117 100
 82 49.1
 119 33.3



#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.55 min Scan# 1209
 Delta R.T. -0.01 min
 Lab File: VF061637.D
 Acq: 14 Feb 2019 13:39

Tgt Ion: 152 Resp: 68
 Ion Ratio Lower Upper
 152 100
 115 0.0 24.3 72.8#
 150 105.2 0.0 312.0





#74

N-ethyl acetate

Concen: 126.498 ug/l

RT: 11.35 min Scan# 1087

Delta R.T. -0.03 min

Lab File: VF061637.D

Acq: 14 Feb 2019 13:39

Instrument :

MSVOA_F

ClientSampleId :

TP-3-SRE

Tgt Ion: 43 Resp: 147

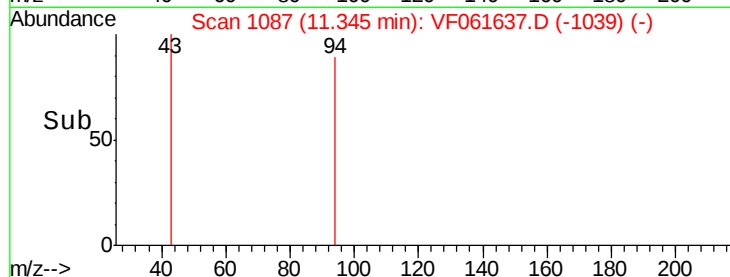
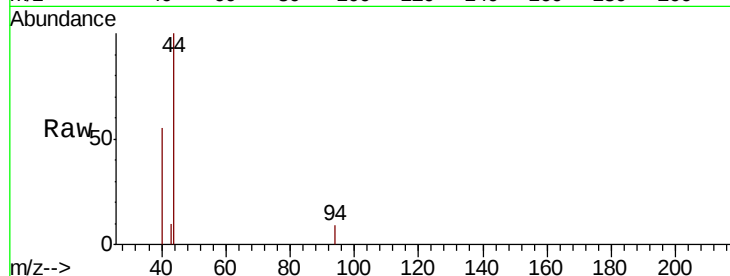
Ion Ratio Lower Upper

43 100

70 0.0 31.5 47.3#

55 0.0 16.7 25.1#

61 0.0 23.0 34.6#

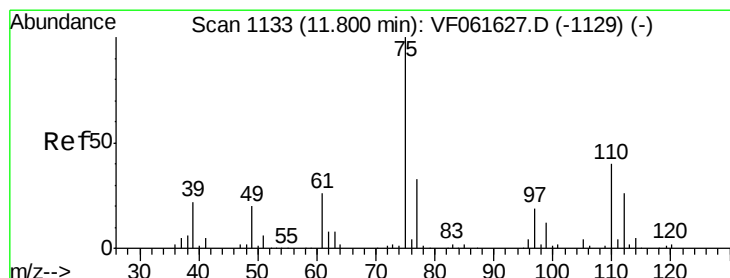
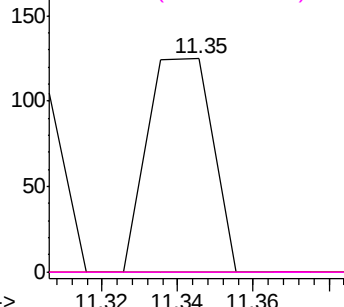


Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 70.00 (69.70 to 70.70): VF0

Ion 55.00 (54.70 to 55.70): VF0

Ion 61.00 (60.70 to 61.70): VF0



#76

1,2,3-Trichloropropane

Concen: 140.747 ug/l

RT: 11.77 min Scan# 1130

Delta R.T. -0.03 min

Lab File: VF061637.D

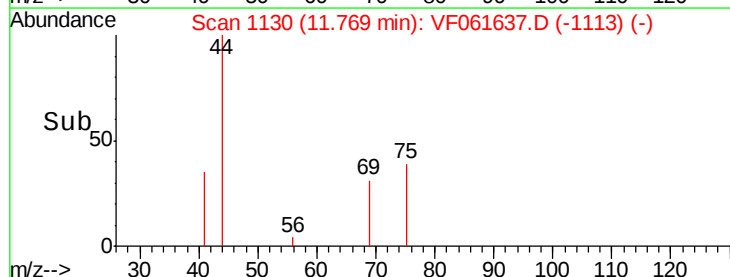
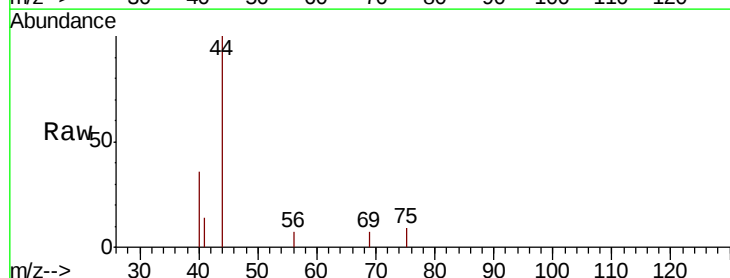
Acq: 14 Feb 2019 13:39

Tgt Ion: 75 Resp: 83

Ion Ratio Lower Upper

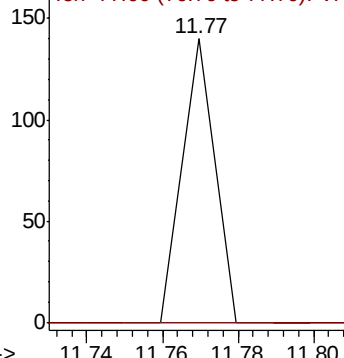
75 100

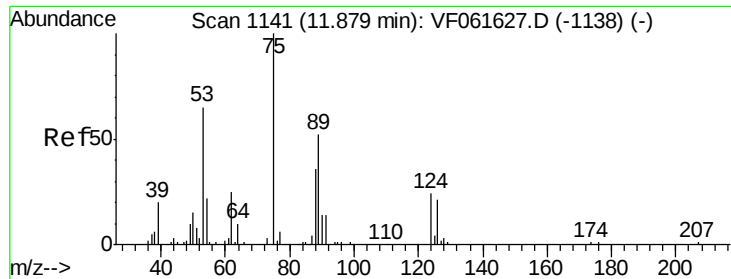
77 0.0 16.6 49.7#



Abundance Ion 75.00 (74.70 to 75.70): VF0

Ion 77.00 (76.70 to 77.70): VF0

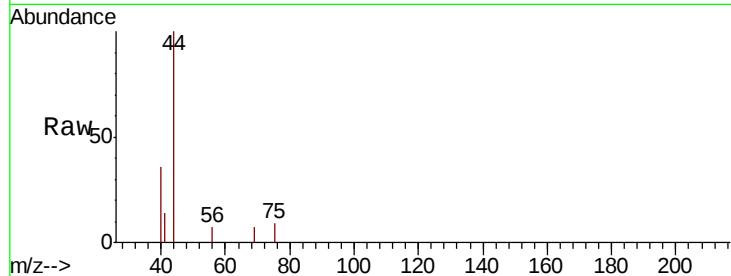




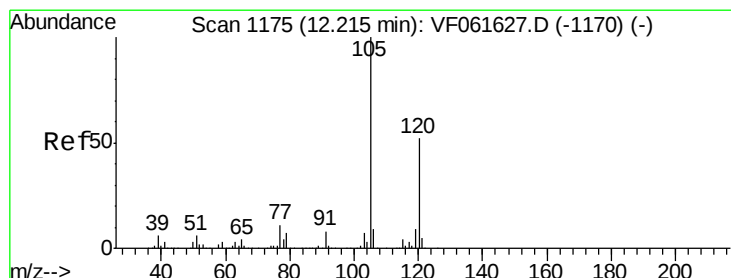
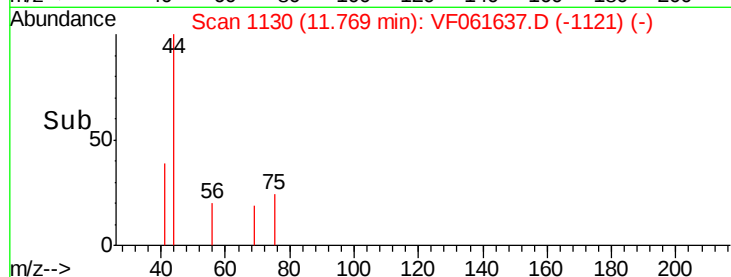
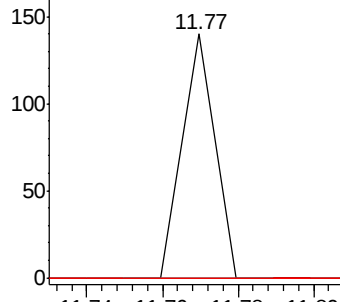
#81
 trans-1,4-Dichloro-2-butene
 Concen: 293.582 ug/l
 RT: 11.77 min Scan# 1130
 Delta R.T. -0.11 min
 Lab File: VF061637.D
 Acq: 14 Feb 2019 13:39

Instrument :
 MSVOA_F
 ClientSampleId :
 TP-3-SRE

Tgt Ion: 75 Resp: 83
 Ion Ratio Lower Upper
 75 100
 53 0.0 53.7 80.5#
 89 0.0 41.6 62.4#

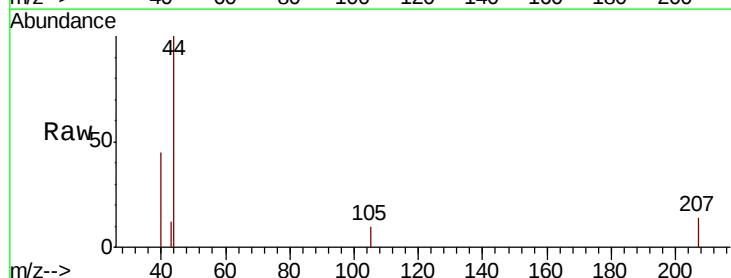


Abundance Ion 75.00 (74.70 to 75.70): VF0
 Ion 53.00 (52.70 to 53.70): VF0
 Ion 89.00 (88.70 to 89.70): VF0

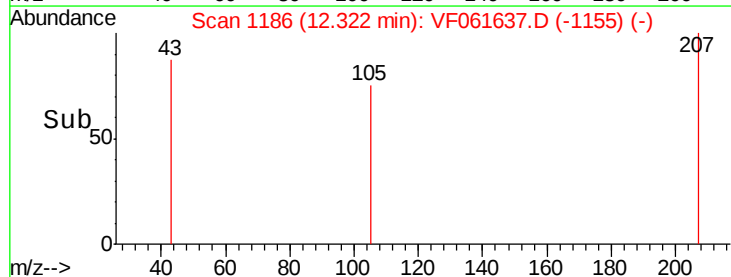
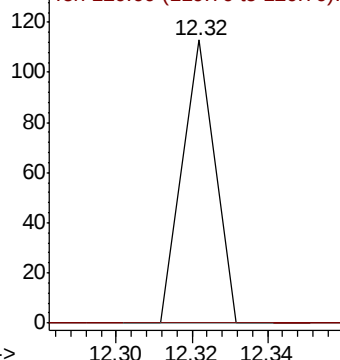


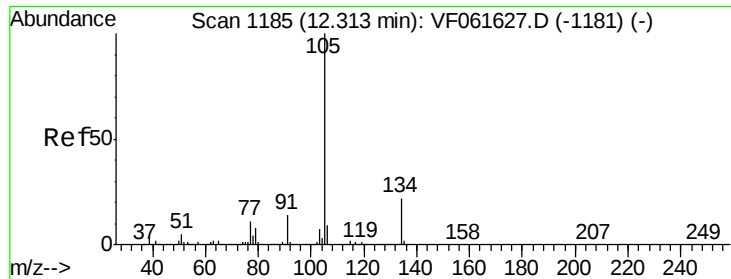
#84
 1,2,4-Trimethylbenzene
 Concen: 17.428 ug/l
 RT: 12.32 min Scan# 1186
 Delta R.T. 0.11 min
 Lab File: VF061637.D
 Acq: 14 Feb 2019 13:39

Tgt Ion: 105 Resp: 67
 Ion Ratio Lower Upper
 105 100
 120 0.0 26.1 78.3#



Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V





#85
 sec-Butylbenzene
 Concen: 12.089 ug/l
 RT: 12.32 min Scan# 1186
 Delta R.T. 0.01 min
 Lab File: VF061637.D
 Acq: 14 Feb 2019 13:39

Instrument :
 MSVOA_F
 ClientSampleId :
 TP-3-SRE

Tgt Ion: 105 Resp: 67
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.8 32.4#

