

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU110918\
 Data File : VU028035.D
 Acq On : 09 Nov 2018 11:32
 Operator : MD/SY
 Sample : VU1109MBL01
 Misc : 5.00g/10mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1109MBL01

Quant Time: Nov 12 06:12:21 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U110218W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 02 02:28:20 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	201493	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	389295	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	349928	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	142354	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.31	65	170016	56.75	ug/l	0.00
Spiked Amount			Recovery	=	113.50%	
35) Dibromofluoromethane	4.88	113	125731	51.22	ug/l	0.00
Spiked Amount			Recovery	=	102.44%	
50) Toluene-d8	7.57	98	502317	52.98	ug/l	0.00
Spiked Amount			Recovery	=	105.96%	
62) 4-Bromofluorobenzene	10.31	95	170044	48.62	ug/l	0.00
Spiked Amount			Recovery	=	97.24%	

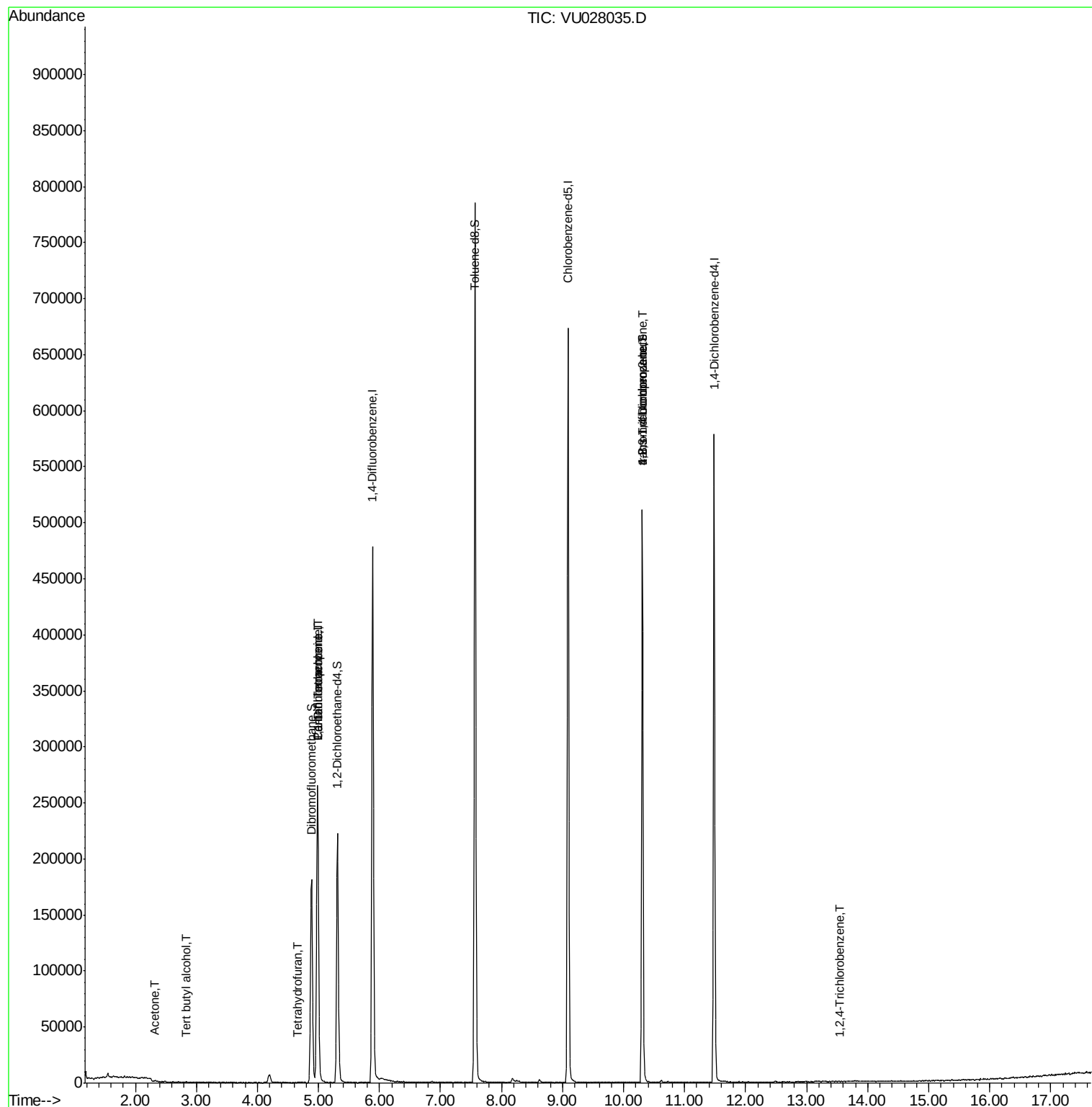
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	2.83	59	359	0.453	ug/l #	73
13) Acrolein	2.20	56	22	Below Cal	#	1
16) Acetone	2.32	43	972	0.523	ug/l	100
29) Tetrahydrofuran	4.66	42	521	0.264	ug/l #	42
31) Cyclohexane	4.98	56	4702	Below Cal	#	1
36) 1,1-Dichloropropene	4.98	75	17638	4.326	ug/l #	49
38) Carbon Tetrachloride	4.99	117	19808	5.482	ug/l #	16
76) 1,2,3-Trichloropropane	10.31	75	89808	23.064	ug/l #	35
81) trans-1,4-Dichloro-2-buten	10.31	75	89808	57.547	ug/l #	100
93) 1,2,4-Trichlorobenzene	13.53	180	141	0.727	ug/l #	50
95) Naphthalene	13.78	128	638	Below Cal	#	69

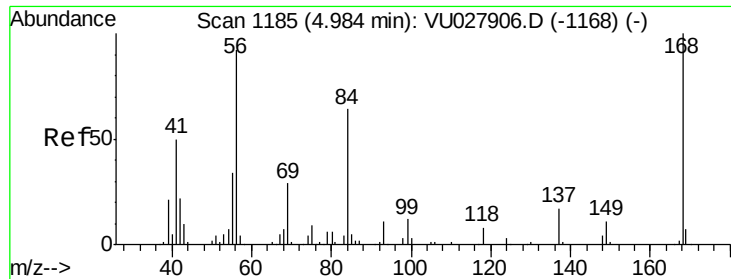
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU110918\
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ALS Vial : 4 Sample Multiplier: 1

Instrument :
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Quant Time: Nov 12 06:12:21 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\82U110218W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 02 02:28:20 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.99 min Scan# 1186

Delta R.T. 0.00 min

Lab File: VU028035.D

Acq: 09 Nov 2018 11:32

Instrument :

MSVOA_U

ClientSampleId :

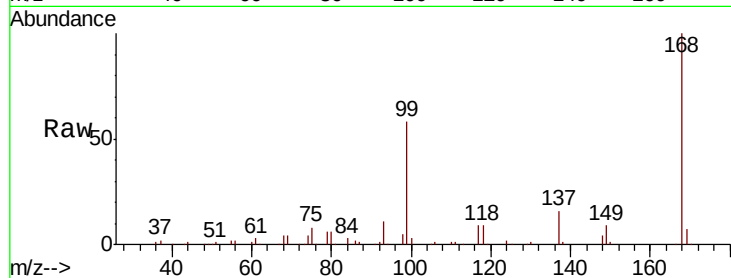
VU1109MBL01

Tot Ion:168 Resp: 201493

Ion Ratio Lower Upper

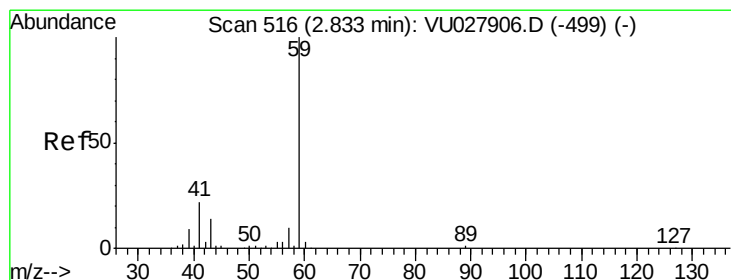
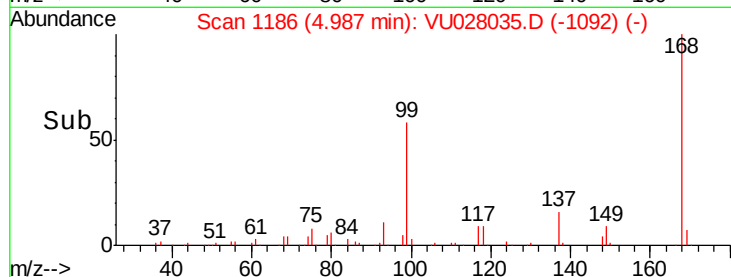
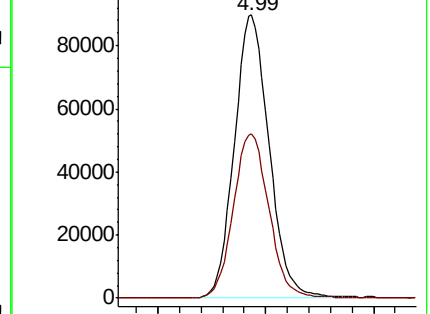
168 100

99 58.1 47.9 71.9



Abundance Ion 167.90 (167.60 to 168.60): VU027906.D (-1168) (-)

Ion 98.90 (98.60 to 99.60): VU028035.D (-1092) (-)



#11

Tert butyl alcohol

Concen: 0.453 ug/l

RT: 2.83 min Scan# 515

Delta R.T. -0.00 min

Lab File: VU028035.D

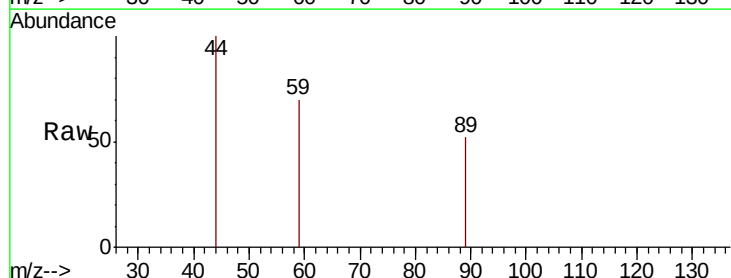
Acq: 09 Nov 2018 11:32

Tgt Ion: 59 Resp: 359

Ion Ratio Lower Upper

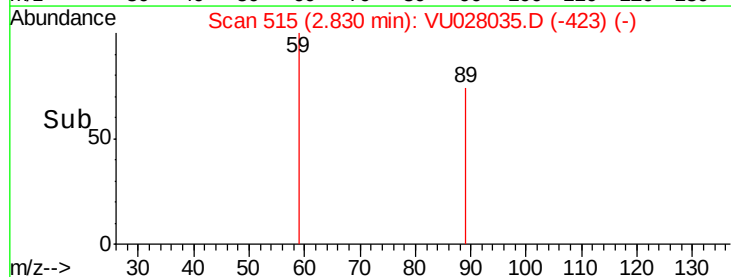
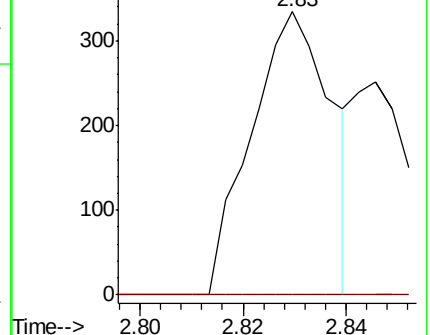
59 100

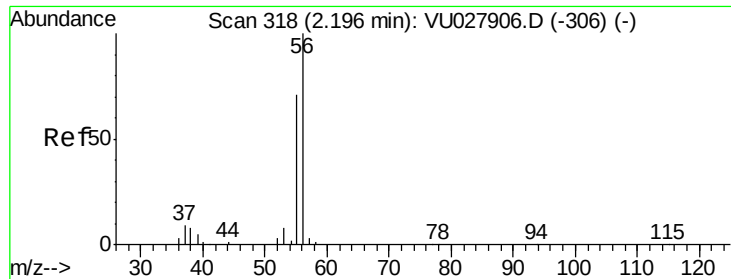
57 0.0 7.8 11.8#



Abundance Ion 59.00 (58.70 to 59.70): VU027906.D (-499) (-)

Ion 57.00 (56.70 to 57.70): VU028035.D (-423) (-)





#13

Acrolein

Concen: Below Cal

RT: 2.20 min Scan# 319

Delta R.T. 0.00 min

Lab File: VU028035.D

Acq: 09 Nov 2018 11:32

Instrument :

MSVOA_U

ClientSampleId :

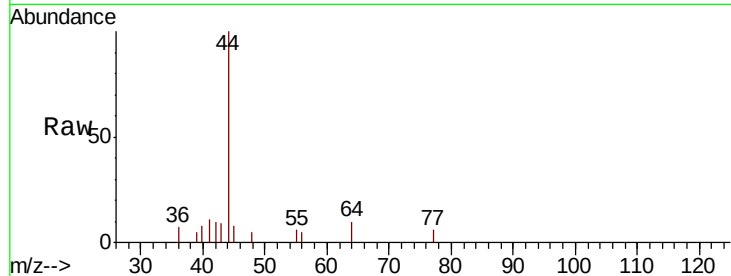
VU1109MBL01

Tot Ion: 56 Resp: 22

Ion Ratio Lower Upper

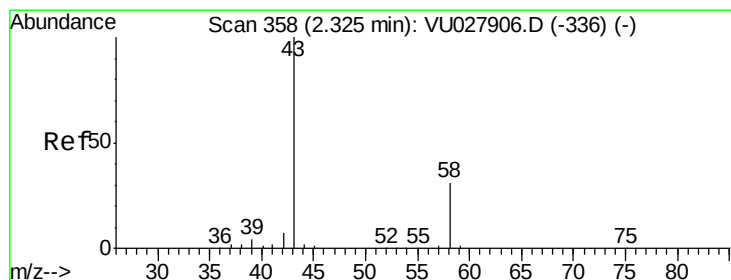
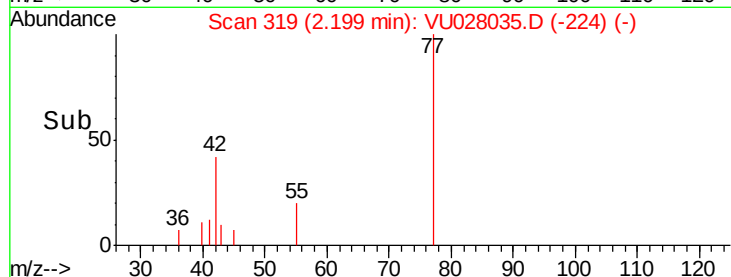
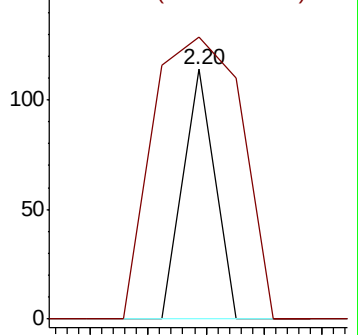
56 100

55 309.1 56.2 84.4#



Abundance Ion 56.00 (55.70 to 56.70): VU0

Ion 55.00 (54.70 to 55.70): VU0



#16

Acetone

Concen: 0.523 ug/l

RT: 2.32 min Scan# 357

Delta R.T. -0.00 min

Lab File: VU028035.D

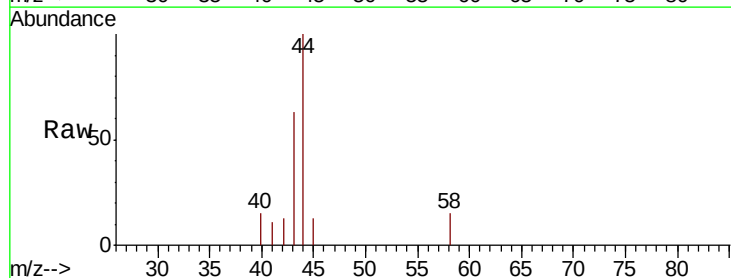
Acq: 09 Nov 2018 11:32

Tgt Ion: 43 Resp: 972

Ion Ratio Lower Upper

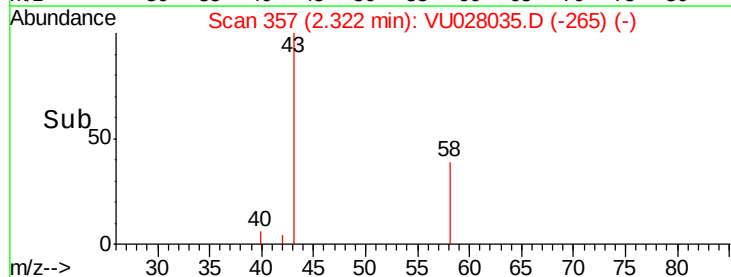
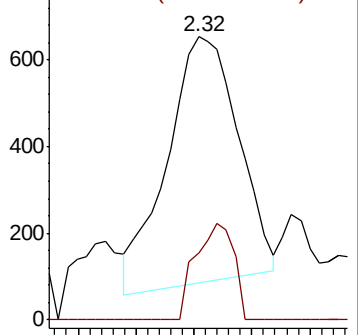
43 100

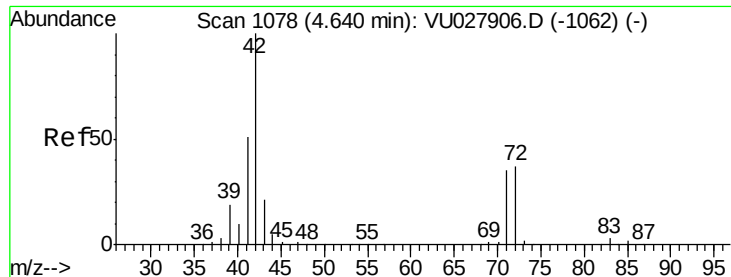
58 30.6 24.6 37.0



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

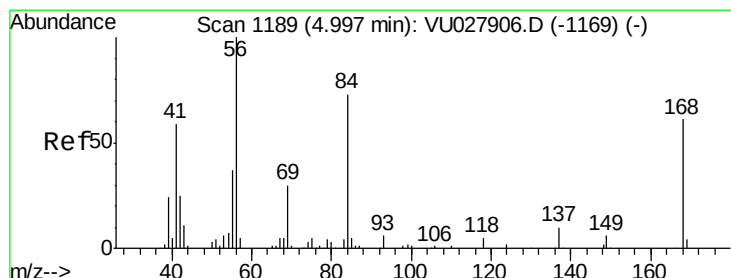
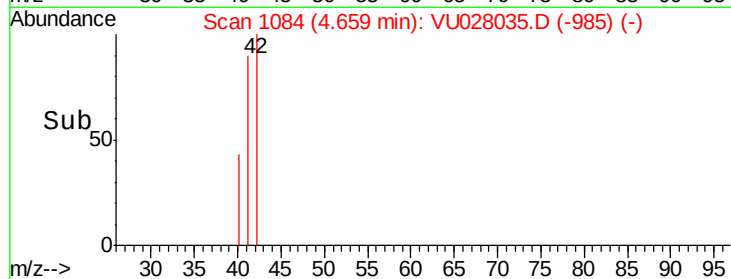
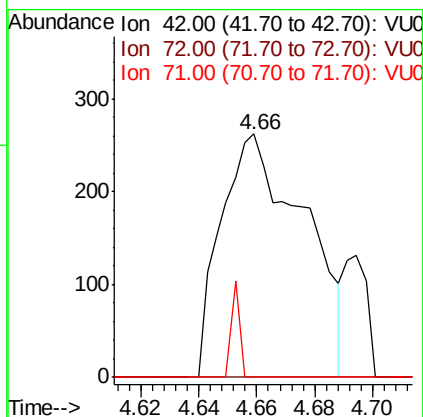
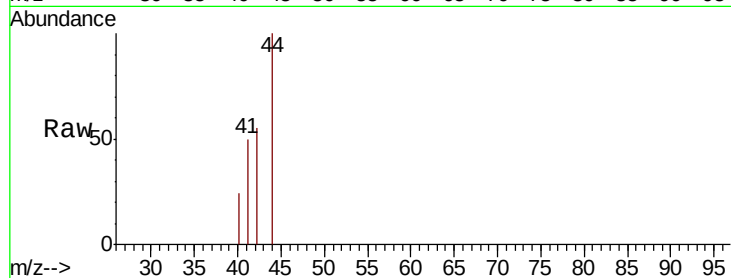




#29
Tetrahydrofuran
Concen: 0.264 ug/l
RT: 4.66 min Scan# 1084
Delta R.T. 0.02 min
Lab File: VU028035.D
Acq: 09 Nov 2018 11:32

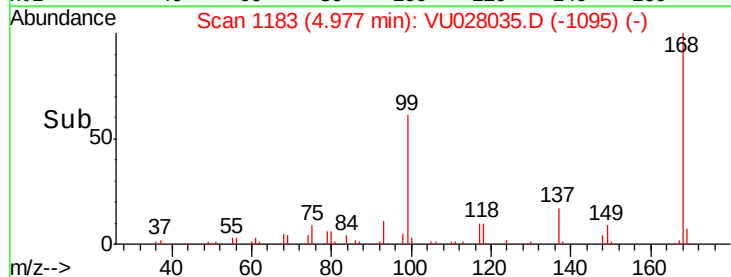
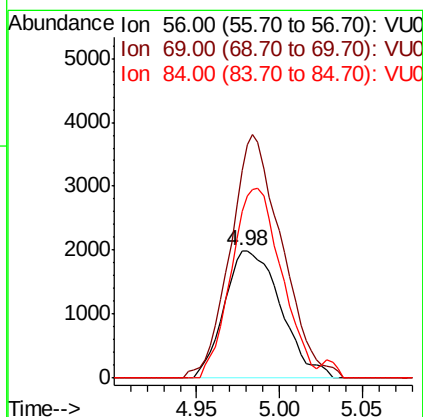
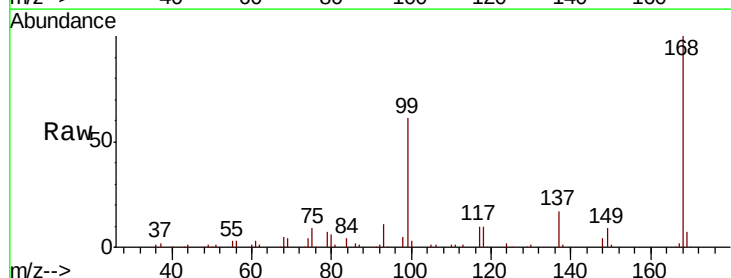
Instrument :
MSVOA_U
ClientSampleId :
VU1109MBL01

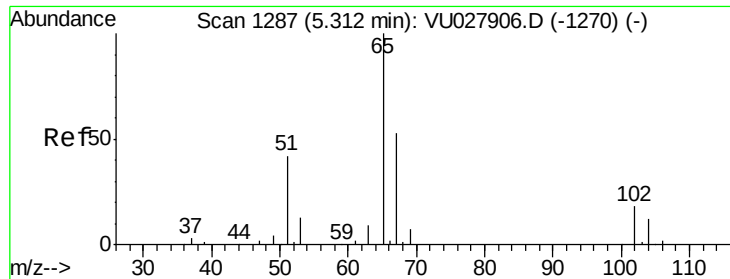
Tot Ion: 42 Resp: 521
Ion Ratio Lower Upper
42 100
72 0.0 29.4 44.0#
71 3.8 27.9 41.9#



#31
Cyclohexane
Concen: Below Cal
RT: 4.98 min Scan# 1183
Delta R.T. -0.02 min
Lab File: VU028035.D
Acq: 09 Nov 2018 11:32

Tgt Ion: 56 Resp: 4702
Ion Ratio Lower Upper
56 100
69 157.4 23.7 35.5#
84 131.1 58.2 87.4#

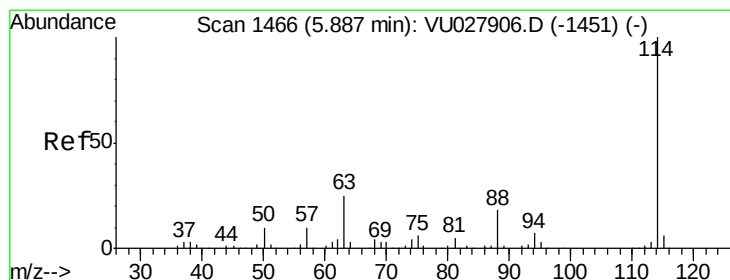
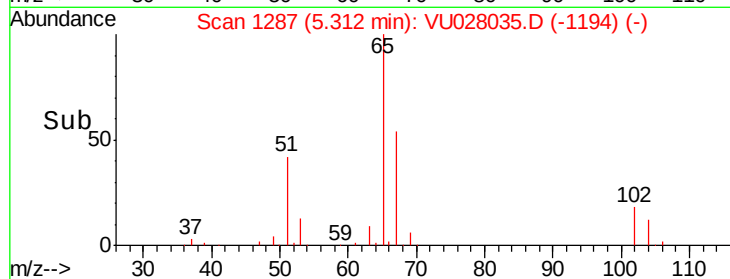
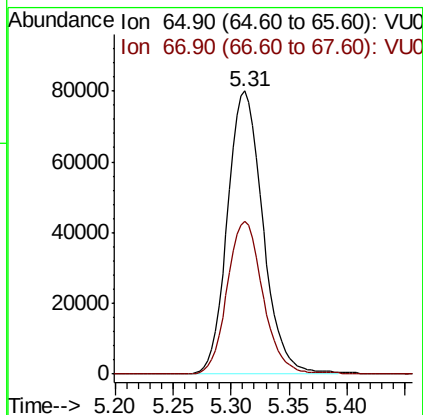
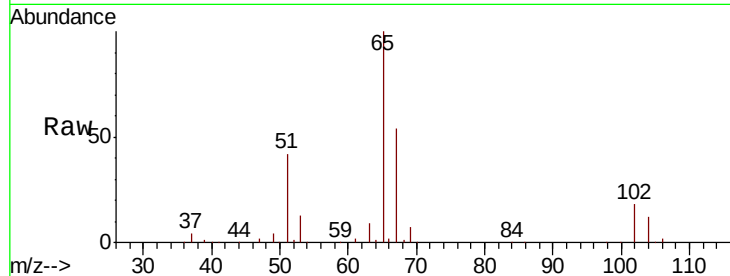




#33
 1,2-Dichloroethane-d4
 Concen: 56.753 ug/l
 RT: 5.31 min Scan# 1287
 Delta R.T. 0.00 min
 Lab File: VU028035.D
 Acq: 09 Nov 2018 11:32

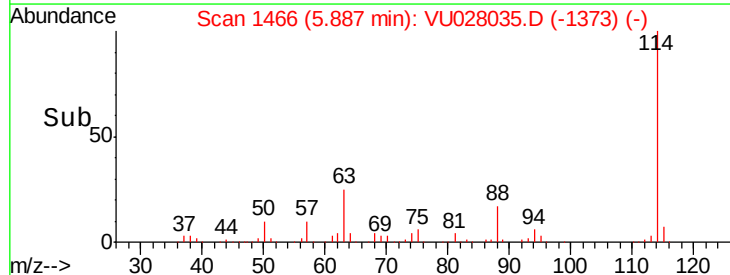
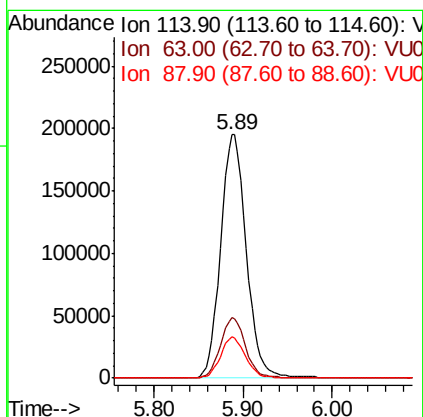
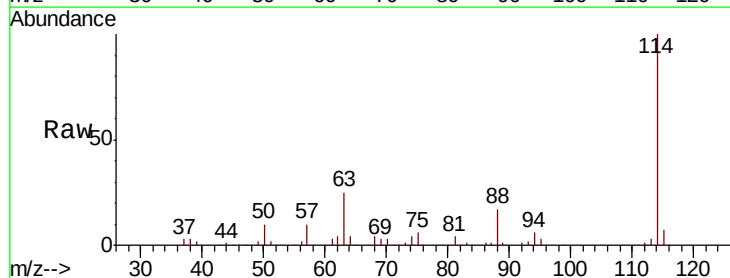
Instrument :
 MSVOA_U
 ClientSampleId :
 VU1109MBL01

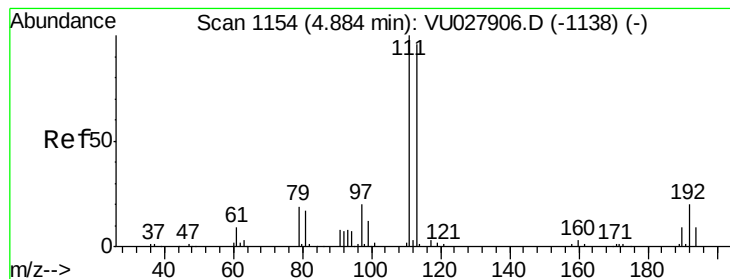
Tot Ion: 65 Resp: 170016
 Ion Ratio Lower Upper
 65 100
 67 54.7 0.0 109.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1466
 Delta R.T. 0.00 min
 Lab File: VU028035.D
 Acq: 09 Nov 2018 11:32

Tgt Ion: 114 Resp: 389295
 Ion Ratio Lower Upper
 114 100
 63 24.7 0.0 50.8
 88 17.0 0.0 35.8





#35

Dibromofluoromethane

Concen: 51.223 ug/l

RT: 4.88 min Scan# 1154

Delta R.T. 0.00 min

Lab File: VU028035.D

Acq: 09 Nov 2018 11:32

Instrument :

MSVOA_U

ClientSampleId :

VU1109MBL01

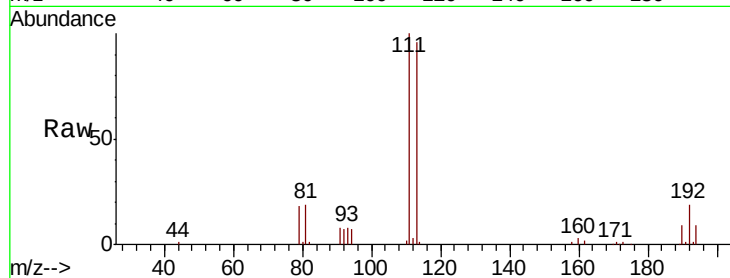
Tot Ion:113 Resp: 125731

Ion Ratio Lower Upper

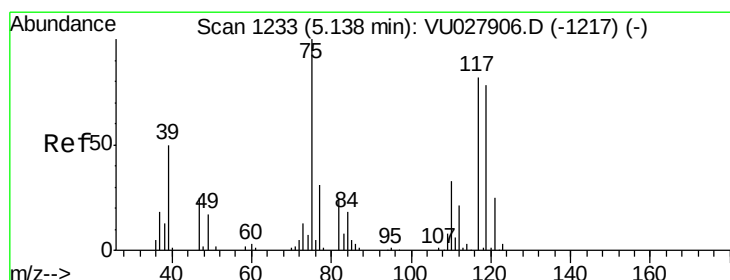
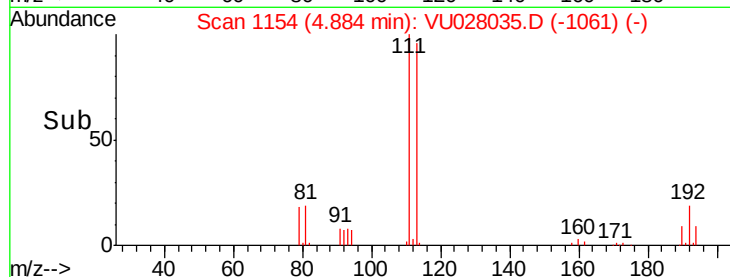
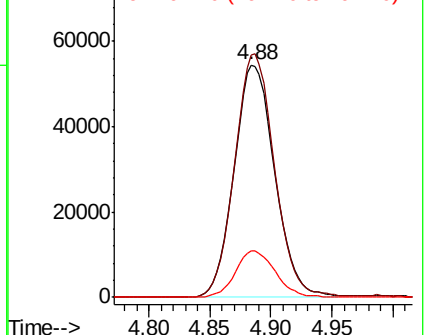
113 100

111 103.1 83.0 124.6

192 19.5 15.6 23.4



Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 4.326 ug/l

RT: 4.98 min Scan# 1185

Delta R.T. -0.15 min

Lab File: VU028035.D

Acq: 09 Nov 2018 11:32

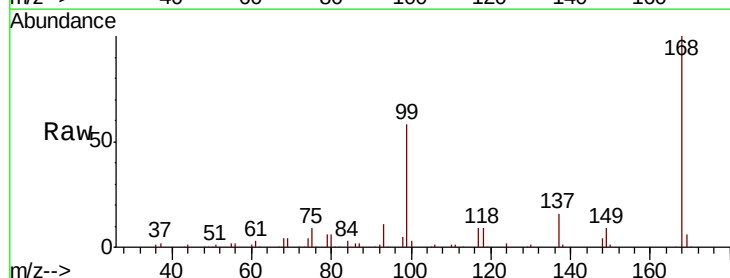
Tgt Ion: 75 Resp: 17638

Ion Ratio Lower Upper

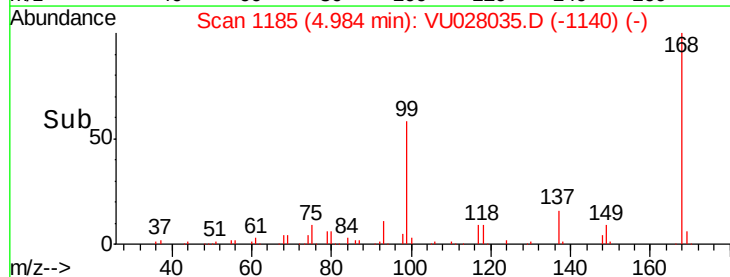
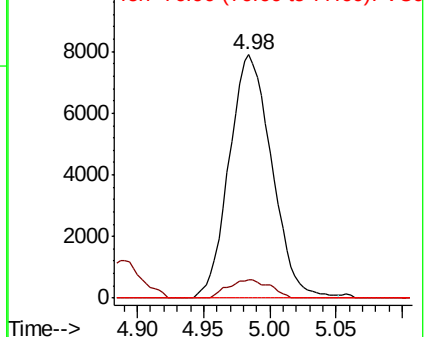
75 100

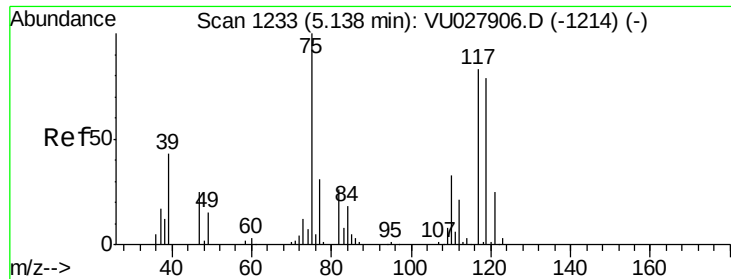
110 7.5 16.5 49.5#

77 0.0 24.9 37.3#



Abundance Ion 74.90 (74.60 to 75.60): VU0
Ion 109.90 (109.60 to 110.60): V
Ion 76.90 (76.60 to 77.60): VU0

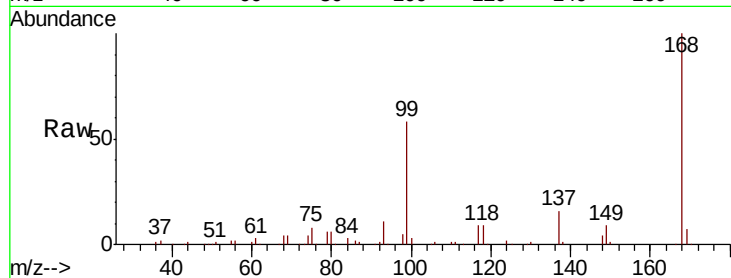




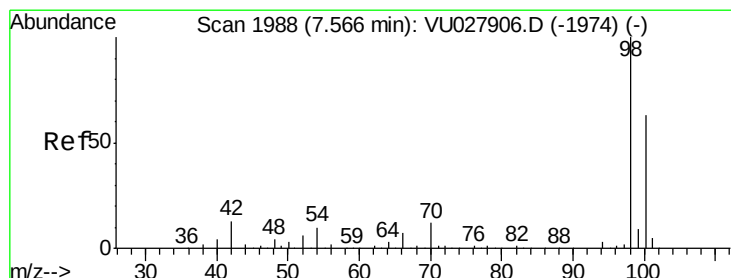
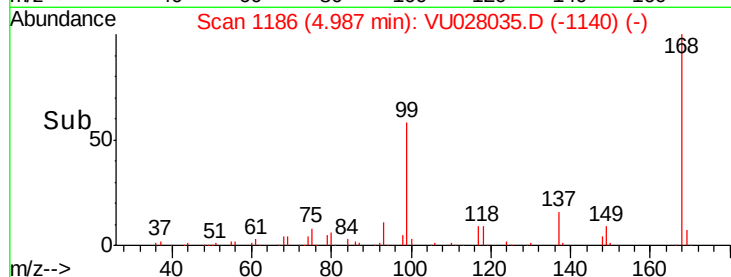
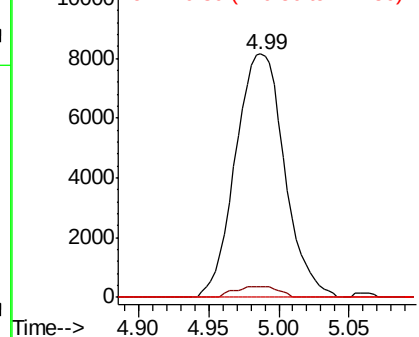
#38
Carbon Tetrachloride
Concen: 5.482 ug/l
RT: 4.99 min Scan# 1186
Delta R.T. -0.15 min
Lab File: VU028035.D
Acq: 09 Nov 2018 11:32

Instrument :
MSVOA_U
ClientSampleId :
VU1109MBL01

Tot Ion:117 Resp: 19808
Ion Ratio Lower Upper
117 100
119 4.4 76.0 114.0#
121 0.0 24.5 36.7#

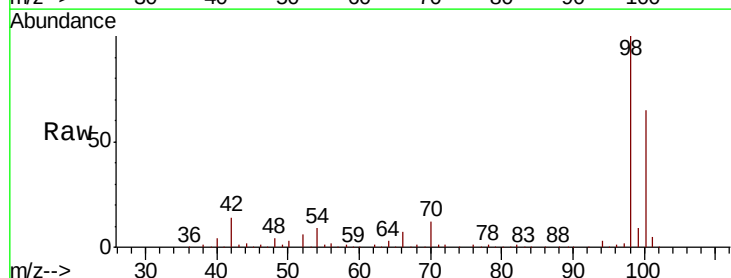


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

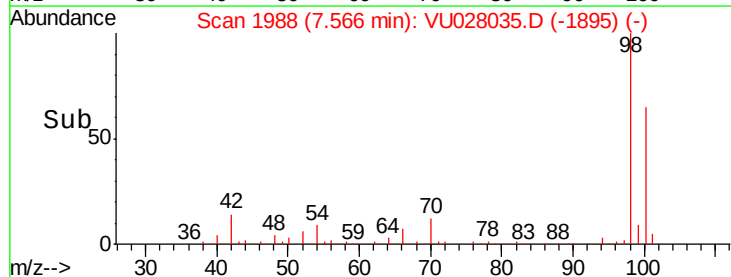
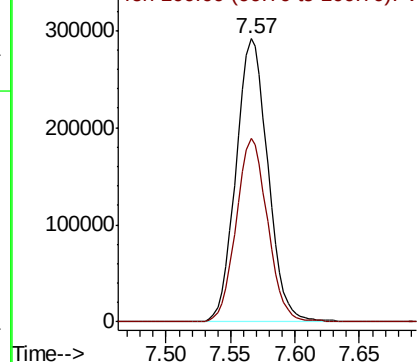


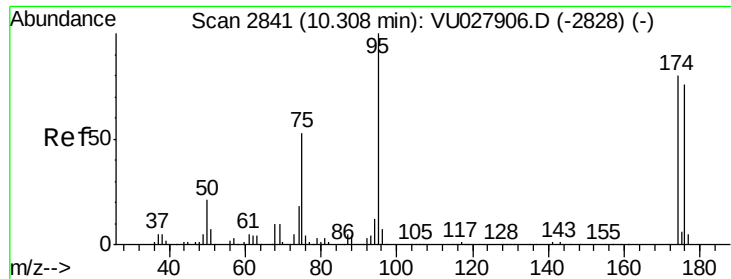
#50
Toluene-d8
Concen: 52.977 ug/l
RT: 7.57 min Scan# 1988
Delta R.T. 0.00 min
Lab File: VU028035.D
Acq: 09 Nov 2018 11:32

Tgt Ion: 98 Resp: 502317
Ion Ratio Lower Upper
98 100
100 63.9 50.1 75.1



Abundance Ion 98.00 (97.70 to 98.70): VU0
Ion 100.00 (99.70 to 100.70): VU

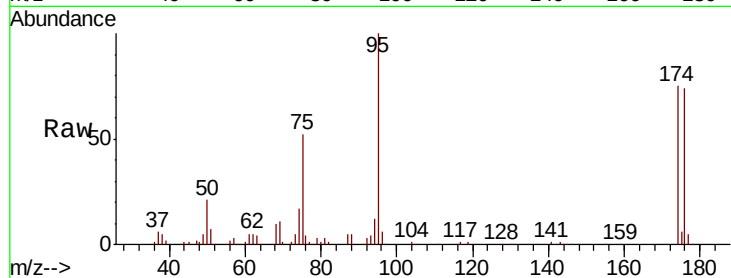




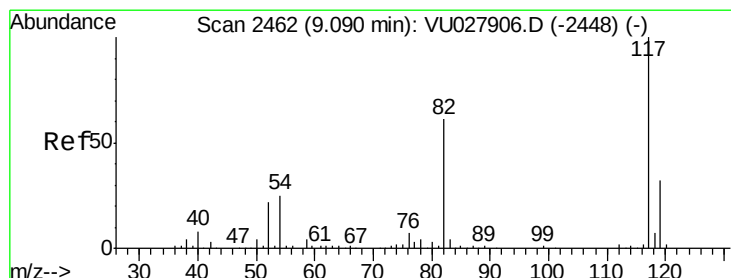
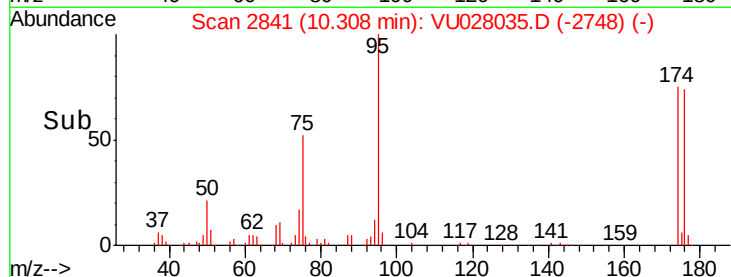
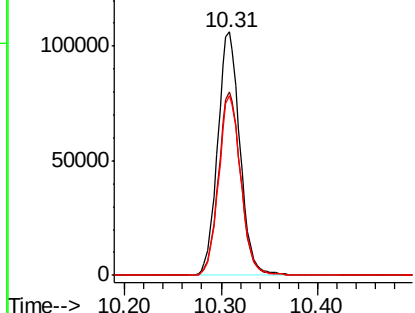
#62
4-Bromofluorobenzene
Concen: 48.621 ug/l
RT: 10.31 min Scan# 2841
Delta R.T. 0.00 min
Lab File: VU028035.D
Acq: 09 Nov 2018 11:32

Instrument :
MSVOA_U
ClientSampleId :
VU1109MBL01

Tot Ion: 95 Resp: 170044
Ion Ratio Lower Upper
95 100
174 75.0 0.0 156.4
176 73.5 0.0 150.8

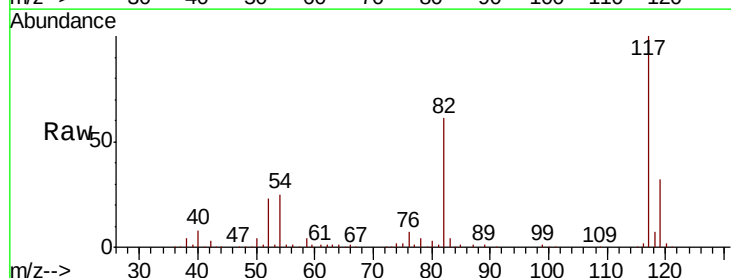


Abundance Ion 94.90 (94.60 to 95.60): VU027906.D (-2828) (-)
Ion 173.80 (173.50 to 174.50): VU027906.D (-2828) (-)
Ion 175.80 (175.50 to 176.50): VU027906.D (-2828) (-)

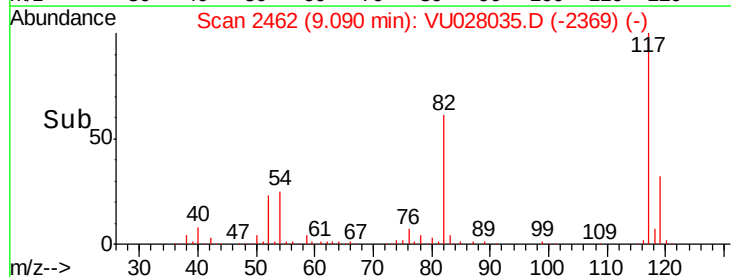
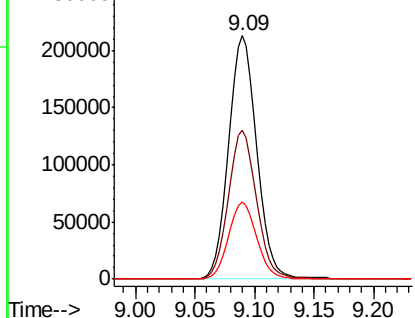


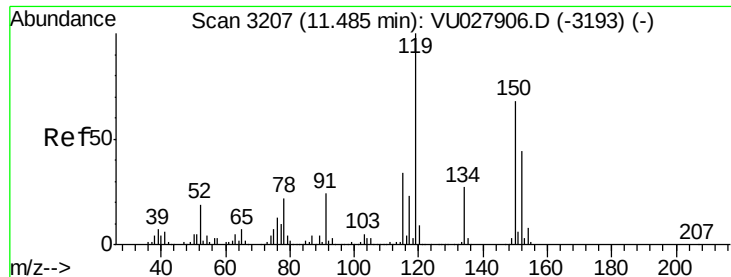
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. 0.00 min
Lab File: VU028035.D
Acq: 09 Nov 2018 11:32

Tgt Ion: 117 Resp: 349928
Ion Ratio Lower Upper
117 100
82 61.2 48.6 73.0
119 31.7 25.8 38.8



Abundance Ion 116.90 (116.60 to 117.60): VU027906.D (-2448) (-)
Ion 82.00 (81.70 to 82.70): VU027906.D (-2448) (-)
Ion 118.90 (118.60 to 119.60): VU027906.D (-2448) (-)



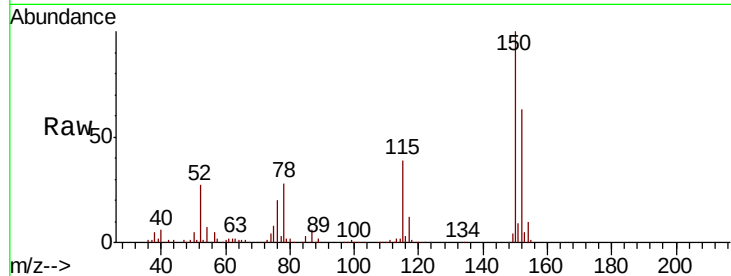


#72

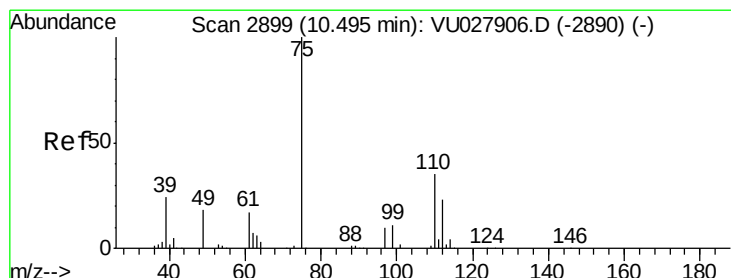
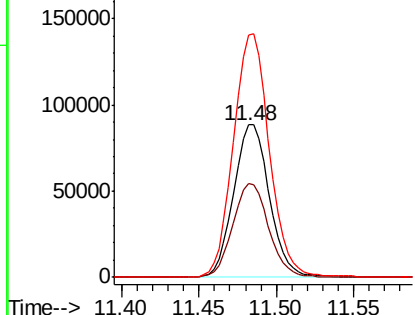
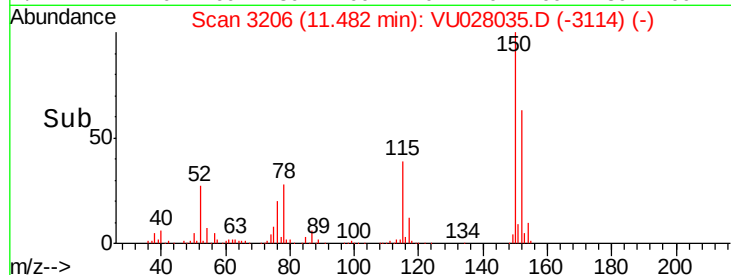
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.48 min Scan# 3206
Delta R.T. -0.00 min
Lab File: VU028035.D
Acq: 09 Nov 2018 11:32

Instrument :
MSVOA_U
ClientSampleId :
VU1109MBL01

Tot Ion:152 Resp: 142354
Ion Ratio Lower Upper
152 100
115 62.1 43.0 129.0
150 160.9 0.0 349.4



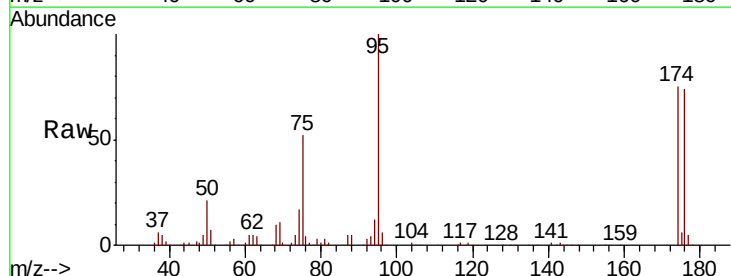
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



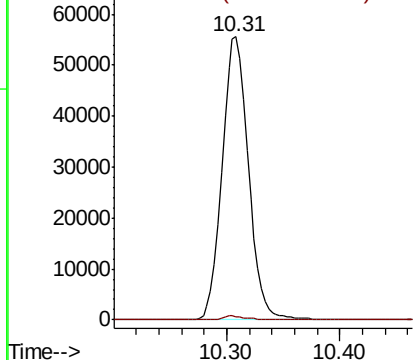
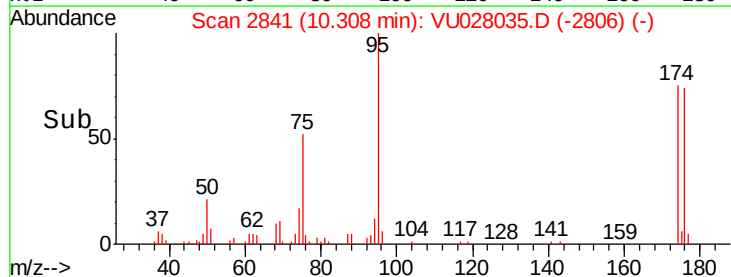
#76

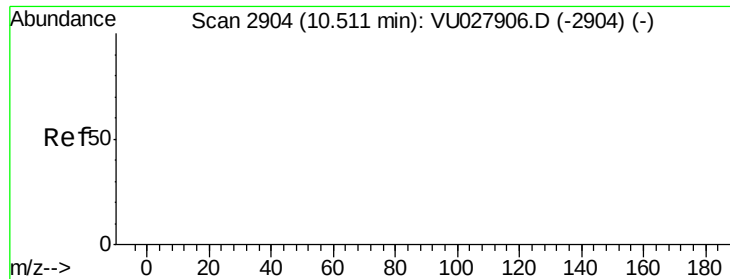
1,2,3-Trichloropropane
Concen: 23.064 ug/l
RT: 10.31 min Scan# 2841
Delta R.T. -0.19 min
Lab File: VU028035.D
Acq: 09 Nov 2018 11:32

Tgt Ion: 75 Resp: 89808
Ion Ratio Lower Upper
75 100
77 1.3 21.6 64.6#



Abundance Ion 74.90 (74.60 to 75.60): VU0
Ion 77.00 (76.70 to 77.70): VU0

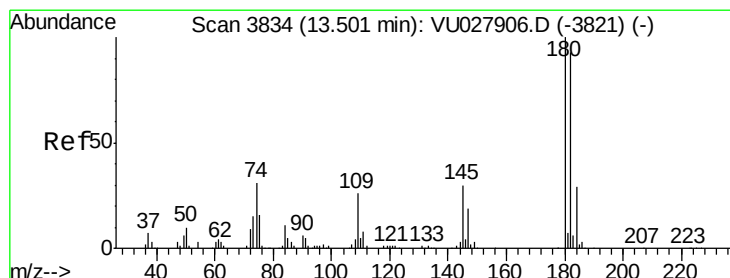
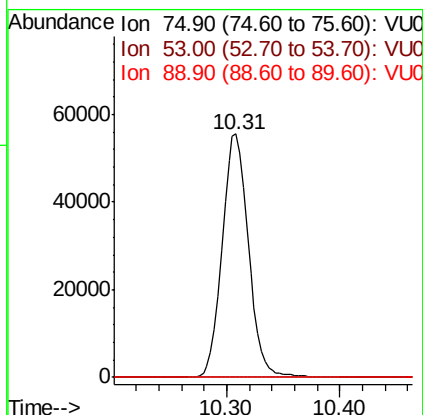
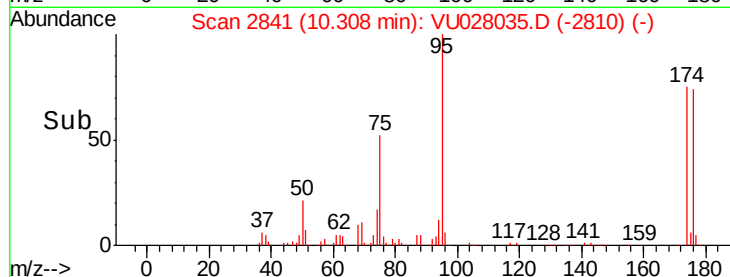
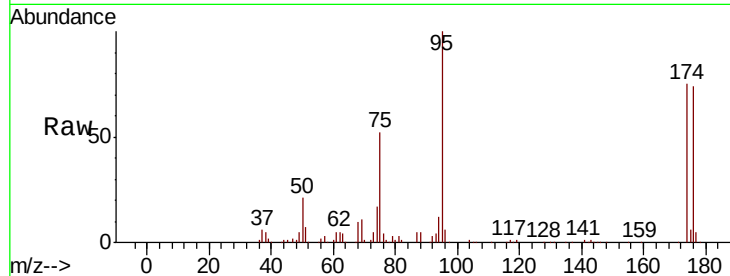




#81
trans-1,4-Dichloro-2-butene
Concen: 57.547 ug/l
RT: 10.31 min Scan# 2841
Delta R.T. -0.20 min
Lab File: VU028035.D
Acq: 09 Nov 2018 11:32

Instrument :
MSVOA_U
ClientSampleId :
VU1109MBL01

Tot Ion: 75 Resp: 89808
Ion Ratio Lower Upper
75 100
53 0.0 0.0 0.0
89 0.0 0.0 0.0



#93
1,2,4-Trichlorobenzene
Concen: 0.727 ug/l
RT: 13.53 min Scan# 3844
Delta R.T. 0.03 min
Lab File: VU028035.D
Acq: 09 Nov 2018 11:32

Tgt Ion:180 Resp: 141
Ion Ratio Lower Upper
180 100
182 48.9 48.4 145.2
145 0.0 14.9 44.5#

