

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U112918\
 Data File : VU028393.D
 Acq On : 29 Nov 2018 15:00
 Operator : MD/SY
 Sample : J6081-01DL 20X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 30 07:03:15 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U112818W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 29 01:04:49 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	254558	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	494075	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	459620	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	213255	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.31	65	224735	52.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.66%	
35) Dibromofluoromethane	4.88	113	164691	50.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.26%	
50) Toluene-d8	7.57	98	649817	49.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.92%	
62) 4-Bromofluorobenzene	10.30	95	238000	50.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.52%	

Target Compounds

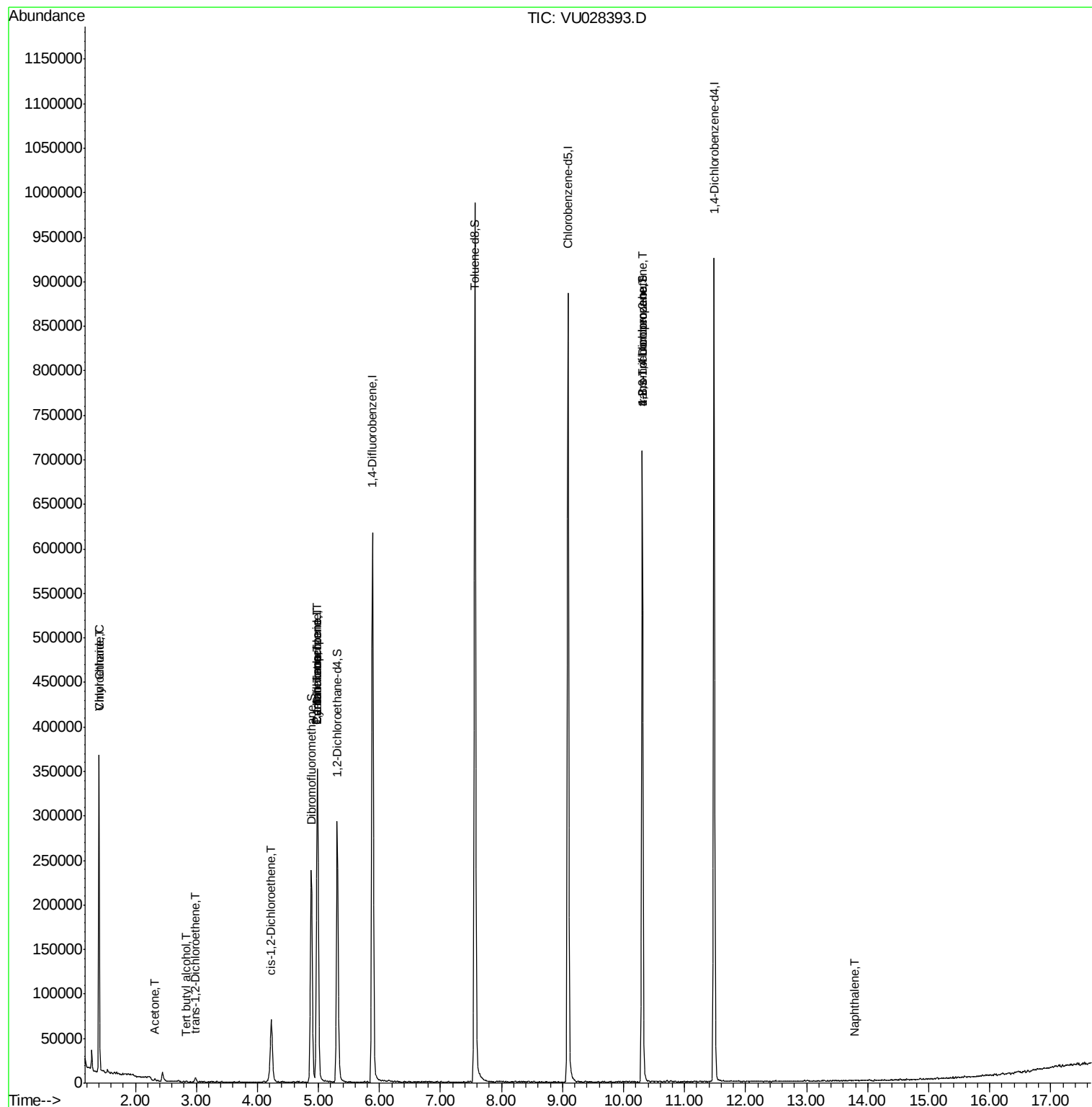
					Qvalue	
4) Vinyl Chloride	1.40	62	217214	46.903	ug/l	99
6) Chloroethane	1.40	64	65071	24.418	ug/l #	45
11) Tert butyl alcohol	2.84	59	576	0.596	ug/l #	72
16) Acetone	2.32	43	2286	0.878	ug/l #	86
21) trans-1,2-Dichloroethene	2.98	96	1835	0.582	ug/l #	93
27) cis-1,2-Dichloroethene	4.23	96	34546	9.262	ug/l	89
31) Cyclohexane	4.98	56	6559	0.545	ug/l #	1
36) 1,1-Dichloropropene	4.98	75	23015	4.257	ug/l #	50
38) Carbon Tetrachloride	4.98	117	26289	5.921	ug/l #	16
76) 1,2,3-Trichloropropane	10.30	75	126940	21.465	ug/l #	33
81) trans-1,4-Dichloro-2-buten	10.30	75	126940	56.979	ug/l #	100
95) Naphthalene	13.77	128	172	2.844	ug/l #	69

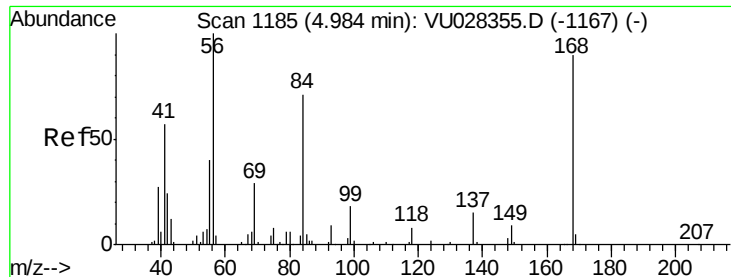
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\82U112818W.M
Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.98 min Scan# 1185

Delta R.T. -0.00 min

Lab File: VU028393.D

Acq: 29 Nov 2018 15:00

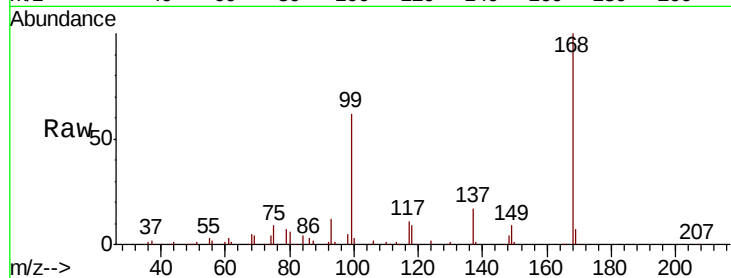
Instrument :
MSVOA_U
ClientSampled :

Tot Ion:168 Resp: 254558

Ion Ratio Lower Upper

168 100

99 61.9 49.6 74.4



Abundance Ion 167.90 (167.60 to 168.60): VU028355.D (-1167) (-)

Ion 98.90 (98.60 to 99.60): VU028355.D (-1167) (-)

4.98

120000

100000

80000

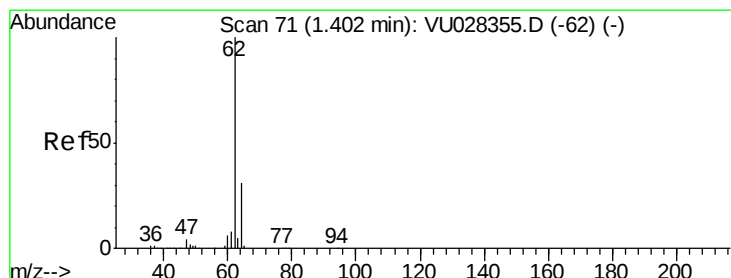
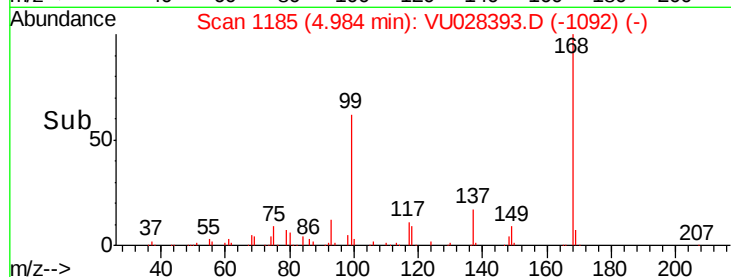
60000

40000

20000

0

Time-->



#4

Vinyl Chloride

Concen: 46.903 ug/l

RT: 1.40 min Scan# 72

Delta R.T. 0.00 min

Lab File: VU028393.D

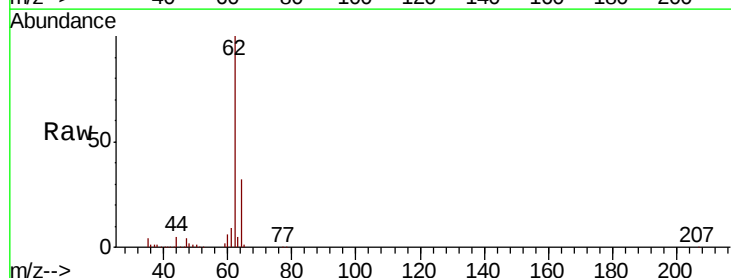
Acq: 29 Nov 2018 15:00

Tgt Ion: 62 Resp: 217214

Ion Ratio Lower Upper

62 100

64 31.5 25.0 37.4



Abundance Ion 61.90 (61.60 to 62.60): VU028355.D (-62) (-)

Ion 63.90 (63.60 to 64.60): VU028355.D (-62) (-)

1.40

250000

200000

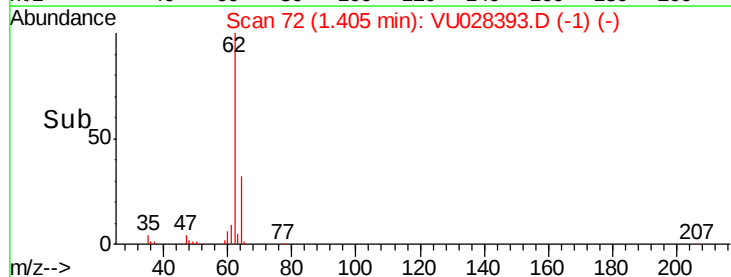
150000

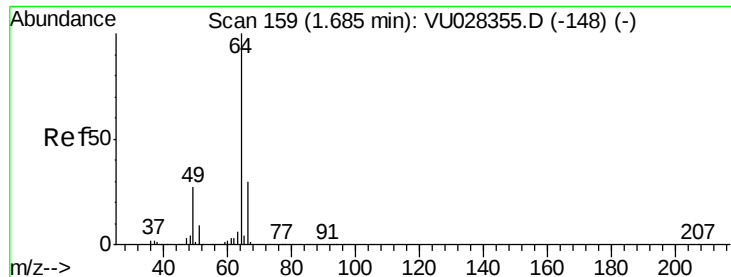
100000

50000

0

Time-->





#6

Chloroethane

Concen: 24.418 ug/l

RT: 1.40 min Scan# 72

Delta R.T. -0.28 min

Lab File: VU028393.D

Acq: 29 Nov 2018 15:00

Instrument :

MSVOA_U

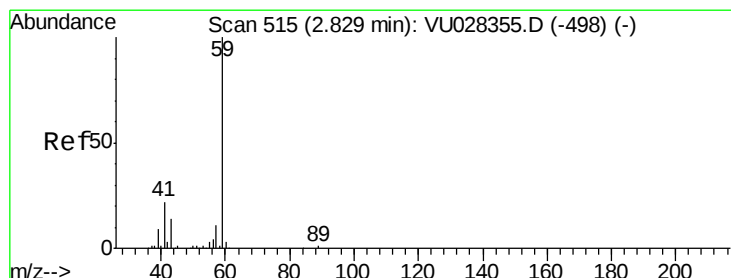
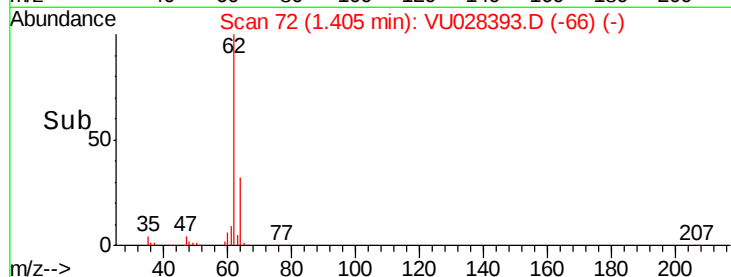
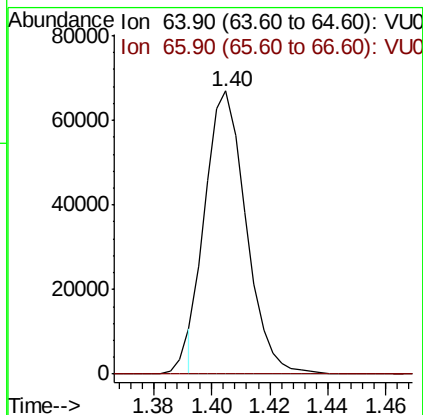
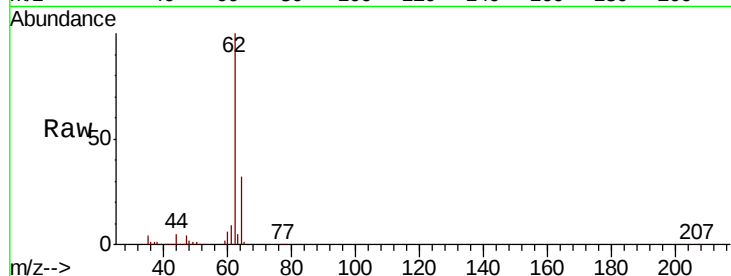
ClientSampleId :

Tot Ion: 64 Resp: 65071

Ion Ratio Lower Upper

64 100

66 0.0 23.6 35.4#



#11

Tert butyl alcohol

Concen: 0.596 ug/l

RT: 2.84 min Scan# 517

Delta R.T. 0.01 min

Lab File: VU028393.D

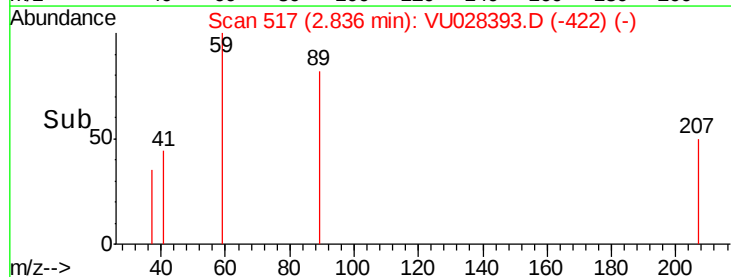
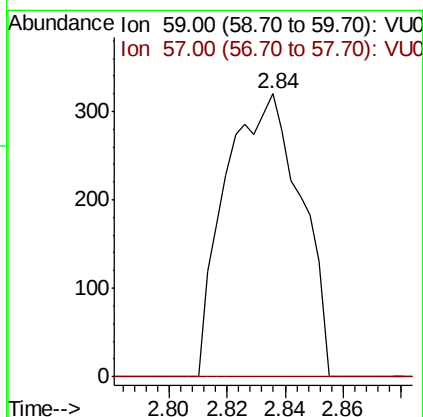
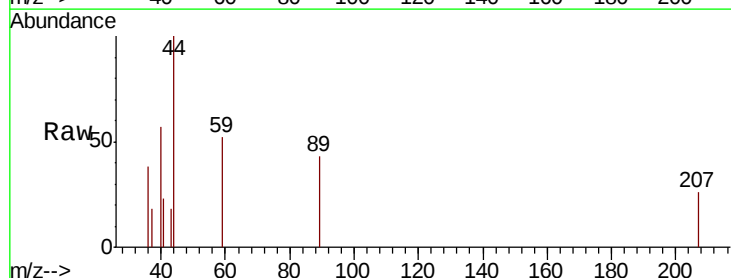
Acq: 29 Nov 2018 15:00

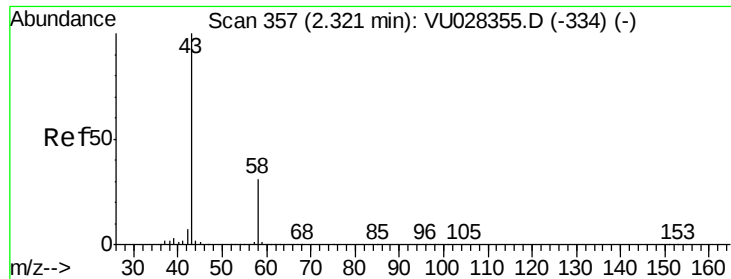
Tgt Ion: 59 Resp: 576

Ion Ratio Lower Upper

59 100

57 0.0 8.3 12.5#





#16

Acetone

Concen: 0.878 ug/l

RT: 2.32 min Scan# 356

Delta R.T. -0.00 min

Lab File: VU028393.D

Acq: 29 Nov 2018 15:00

Instrument :

MSVOA_U

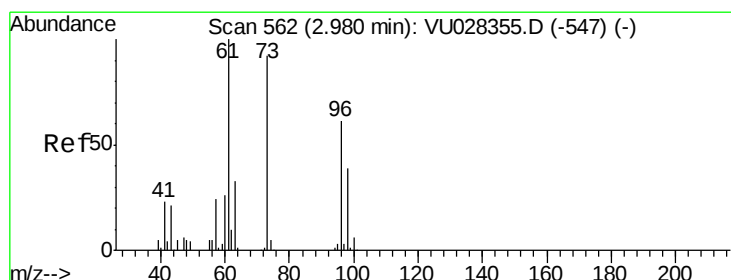
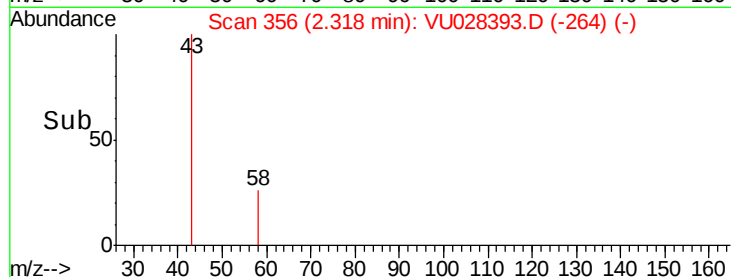
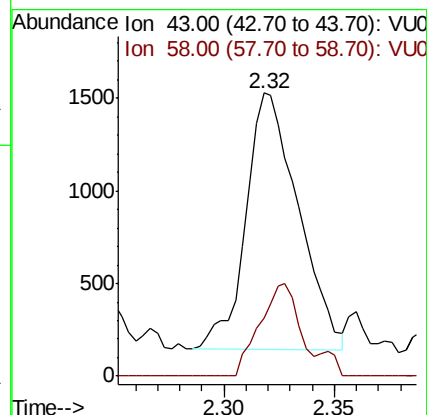
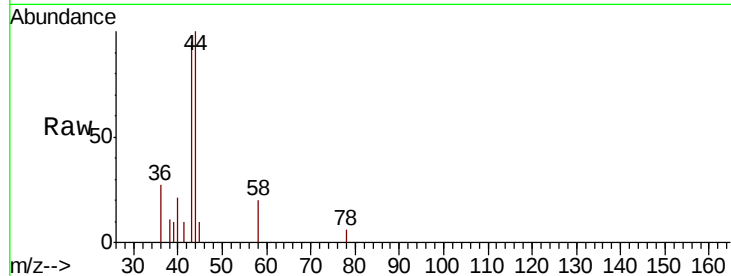
ClientSampleId :

Tot Ion: 43 Resp: 2286

Ion Ratio Lower Upper

43 100

58 23.0 24.4 36.6#



#21

trans-1,2-Dichloroethene

Concen: 0.582 ug/l

RT: 2.98 min Scan# 563

Delta R.T. 0.00 min

Lab File: VU028393.D

Acq: 29 Nov 2018 15:00

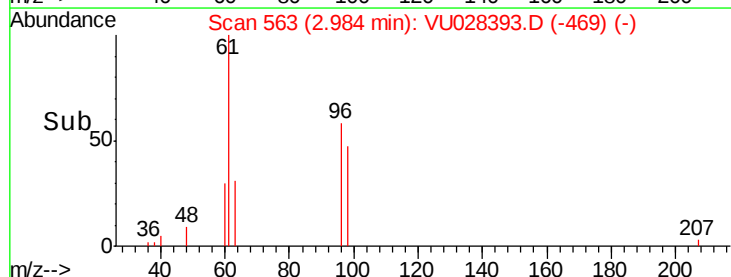
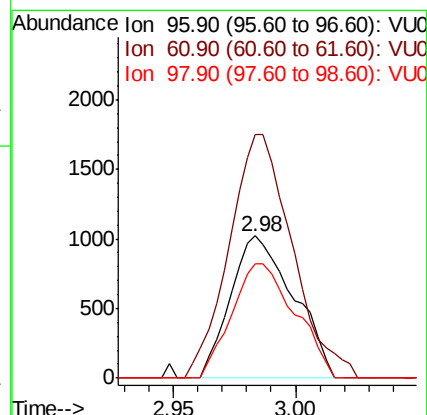
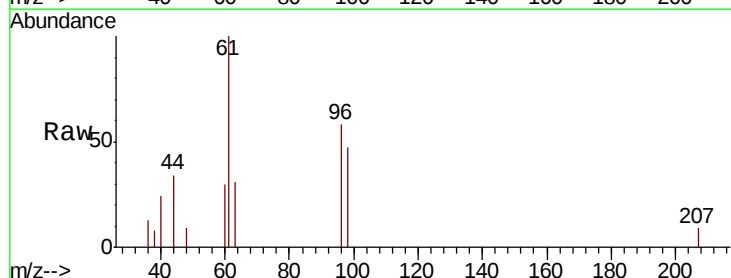
Tgt Ion: 96 Resp: 1835

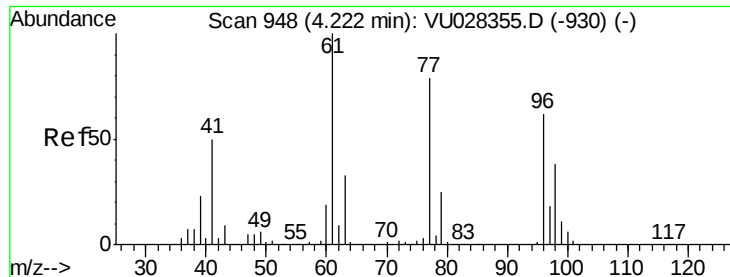
Ion Ratio Lower Upper

96 100

61 161.2 131.1 196.7

98 80.2 51.7 77.5#



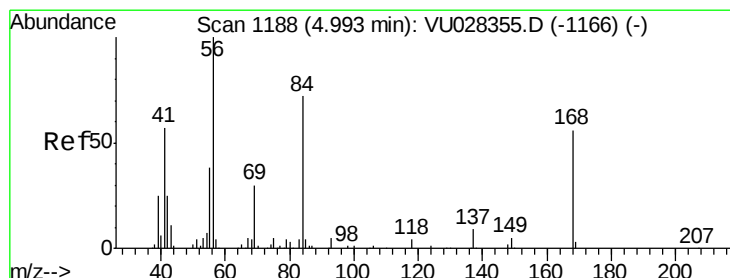
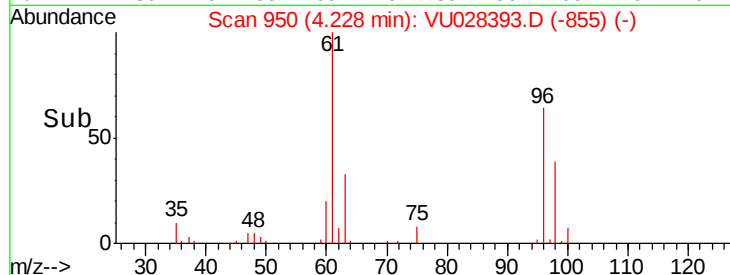
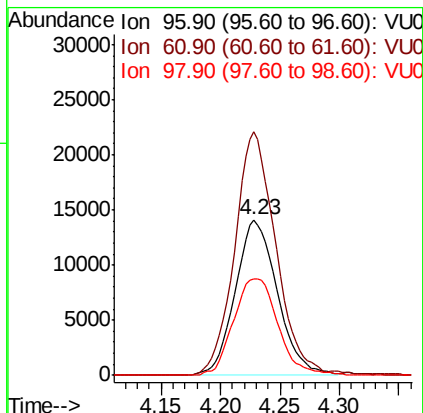
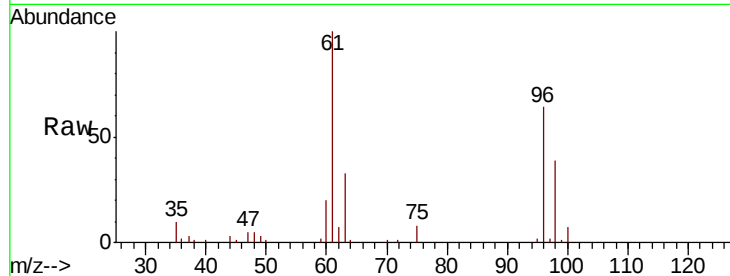


#27

cis-1,2-Dichloroethene
Concen: 9.262 ug/l
RT: 4.23 min Scan# 950
Delta R.T. 0.01 min
Lab File: VU028393.D
Acq: 29 Nov 2018 15:00

Instrument :
MSVOA_U
ClientSampled :

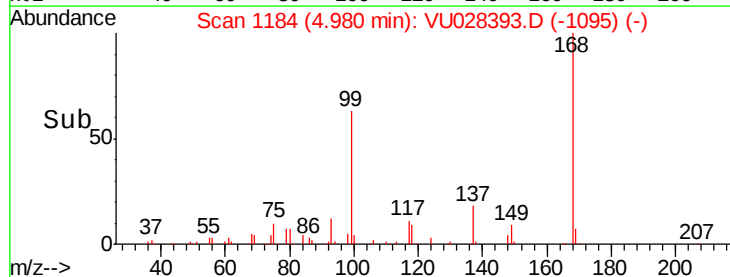
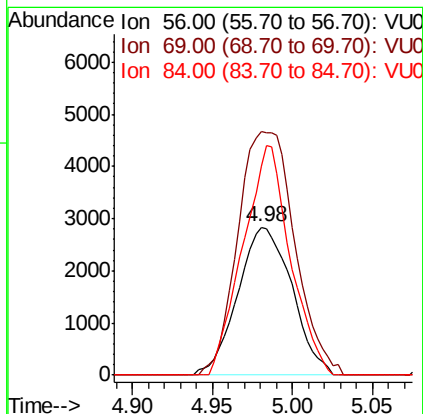
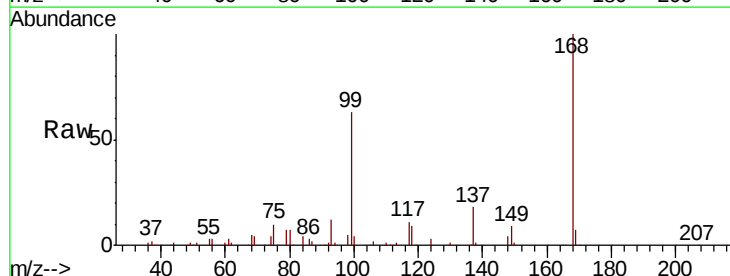
Tot Ion: 96 Resp: 34546
Ion Ratio Lower Upper
96 100
61 152.2 0.0 342.0
98 65.5 0.0 126.4

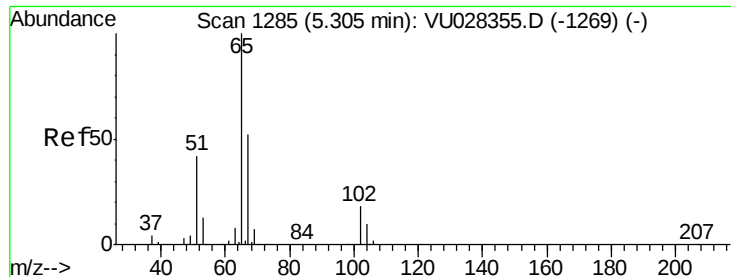


#31

Cyclohexane
Concen: 0.545 ug/l
RT: 4.98 min Scan# 1184
Delta R.T. -0.01 min
Lab File: VU028393.D
Acq: 29 Nov 2018 15:00

Tgt Ion: 56 Resp: 6559
Ion Ratio Lower Upper
56 100
69 164.8 23.7 35.5#
84 141.1 57.3 85.9#

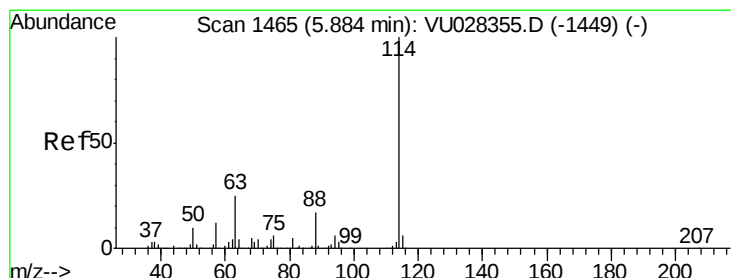
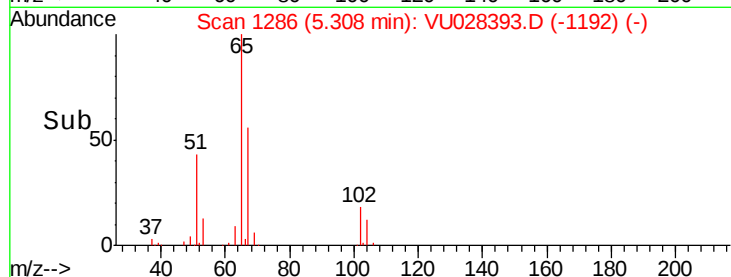
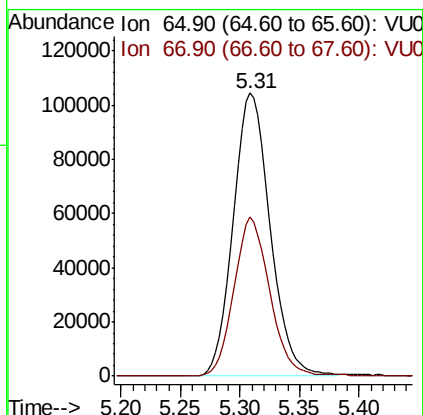
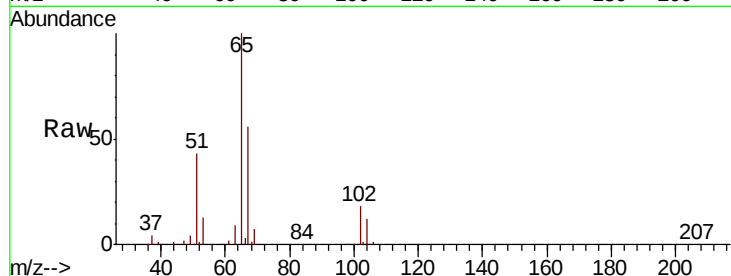




#33
 1,2-Dichloroethane-d4
 Concen: 52.825 ug/l
 RT: 5.31 min Scan# 1286
 Delta R.T. 0.00 min
 Lab File: VU028393.D
 Acq: 29 Nov 2018 15:00

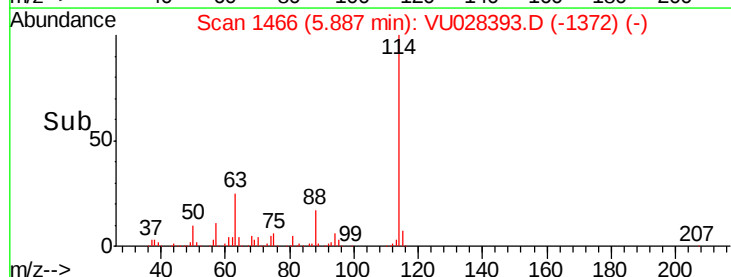
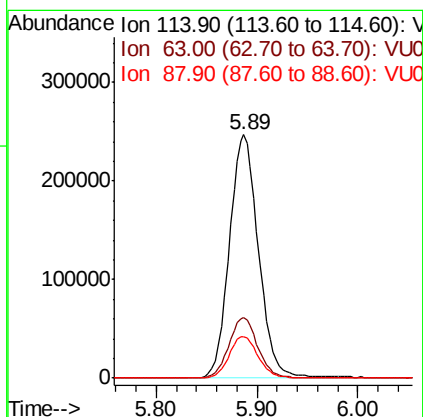
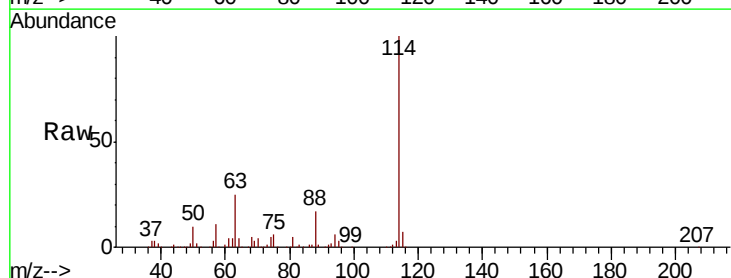
Instrument :
 MSVOA_U
 ClientSampled :

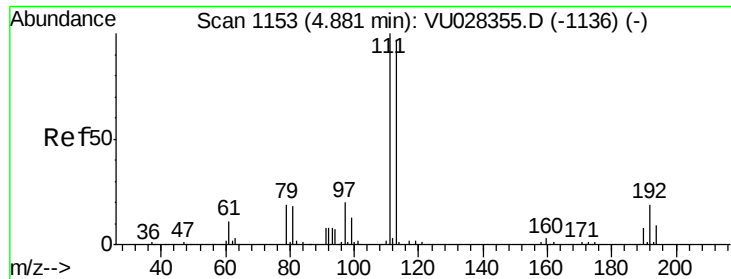
Tot Ion: 65 Resp: 224735
 Ion Ratio Lower Upper
 65 100
 67 54.2 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1466
 Delta R.T. 0.00 min
 Lab File: VU028393.D
 Acq: 29 Nov 2018 15:00

Tgt Ion: 114 Resp: 494075
 Ion Ratio Lower Upper
 114 100
 63 24.8 0.0 50.0
 88 17.2 0.0 34.4





#35

Dibromofluoromethane

Concen: 50.128 ug/l

RT: 4.88 min Scan# 1154

Delta R.T. 0.00 min

Lab File: VU028393.D

Acq: 29 Nov 2018 15:00

Instrument :
MSVOA_U
ClientSampleId :

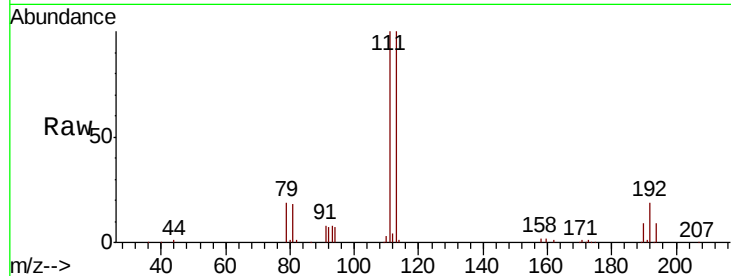
Tot Ion:113 Resp: 164691

Ion Ratio Lower Upper

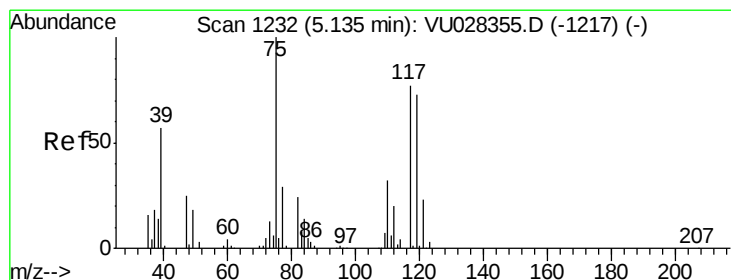
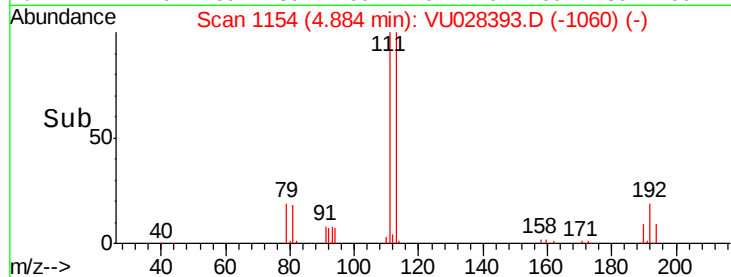
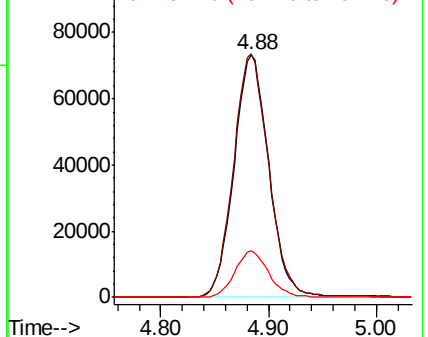
113 100

111 101.3 82.9 124.3

192 18.5 15.4 23.0



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: 4.257 ug/l

RT: 4.98 min Scan# 1185

Delta R.T. -0.15 min

Lab File: VU028393.D

Acq: 29 Nov 2018 15:00

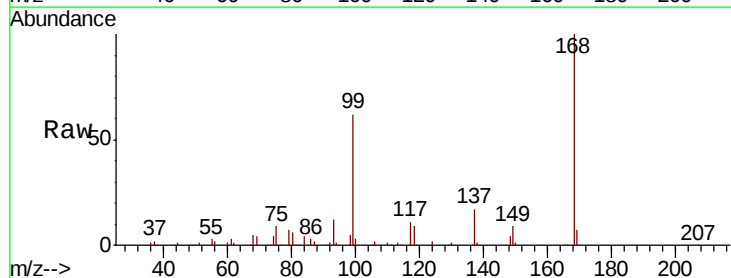
Tgt Ion: 75 Resp: 23015

Ion Ratio Lower Upper

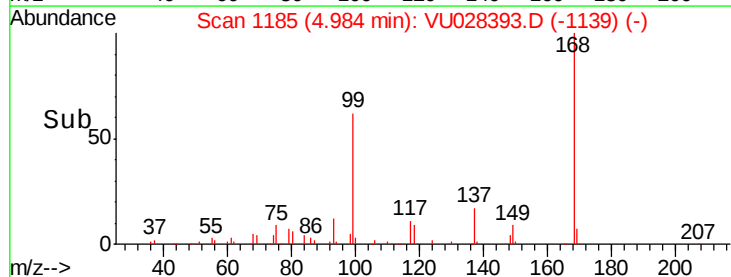
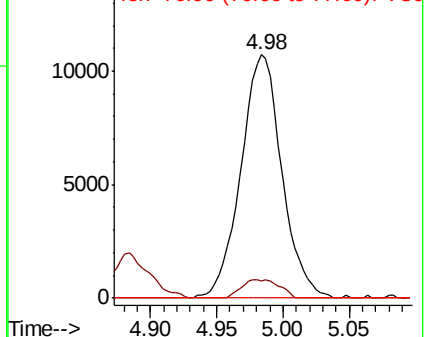
75 100

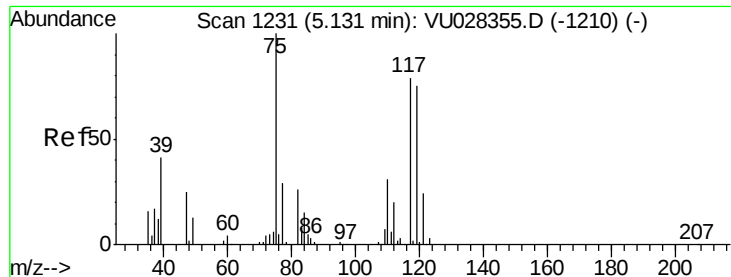
110 7.0 15.8 47.4#

77 0.0 24.6 36.8#



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: 5.921 ug/l

RT: 4.98 min Scan# 1185

Delta R.T. -0.15 min

Lab File: VU028393.D

Acq: 29 Nov 2018 15:00

Instrument :

MSVOA_U

ClientSampleId :

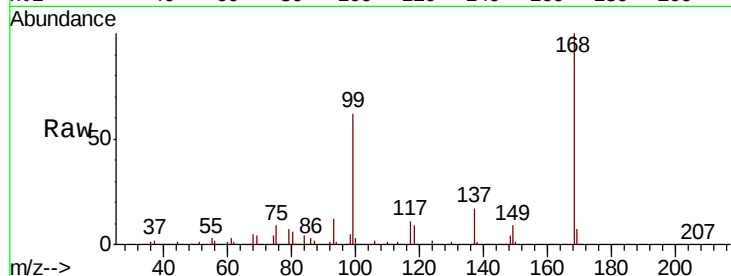
Tot Ion:117 Resp: 26289

Ion Ratio Lower Upper

117 100

119 4.3 76.3 114.5#

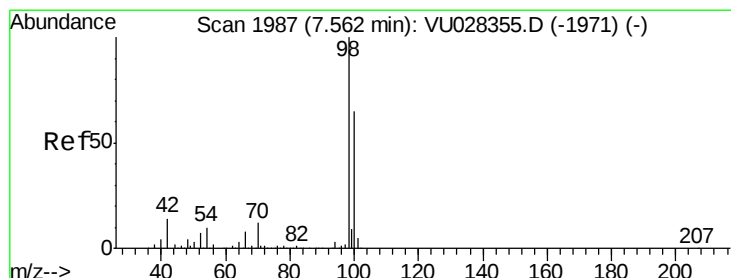
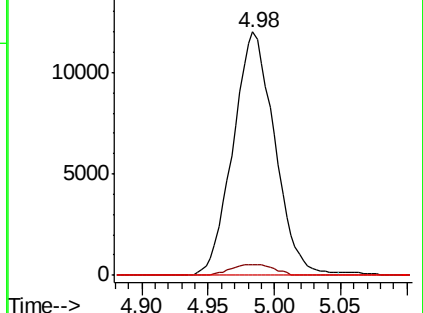
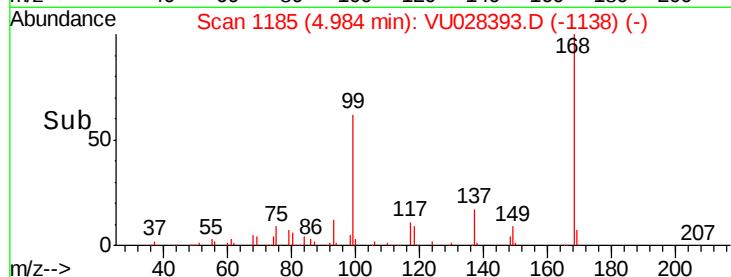
121 0.0 24.7 37.1#



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: 49.456 ug/l

RT: 7.57 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VU028393.D

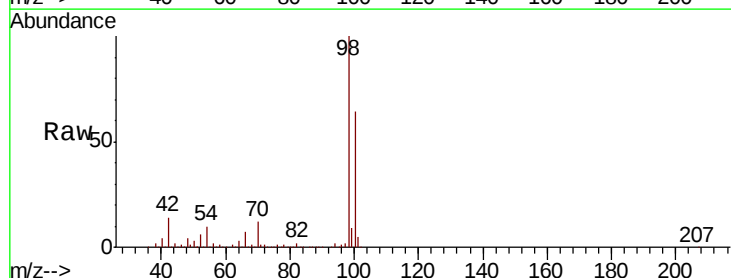
Acq: 29 Nov 2018 15:00

Tgt Ion: 98 Resp: 649817

Ion Ratio Lower Upper

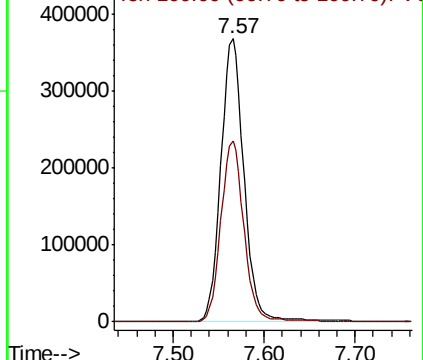
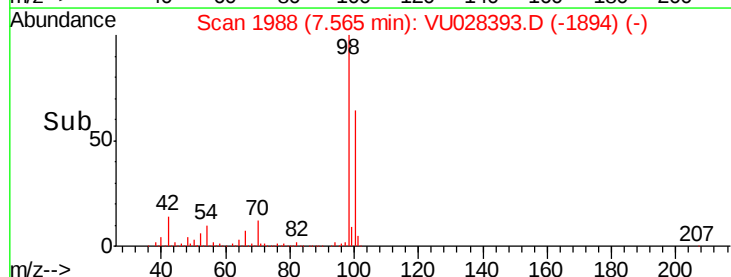
98 100

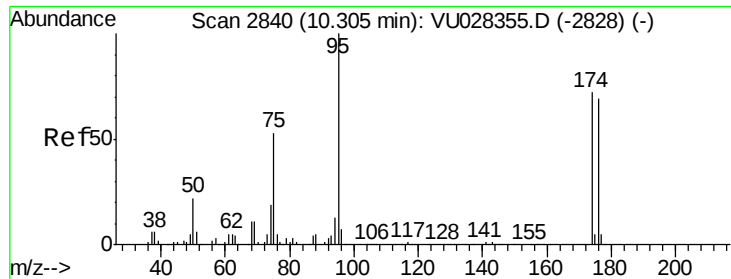
100 64.0 50.8 76.2



Abundance Ion 98.00 (97.70 to 98.70): VU0

Ion 100.00 (99.70 to 100.70): VU

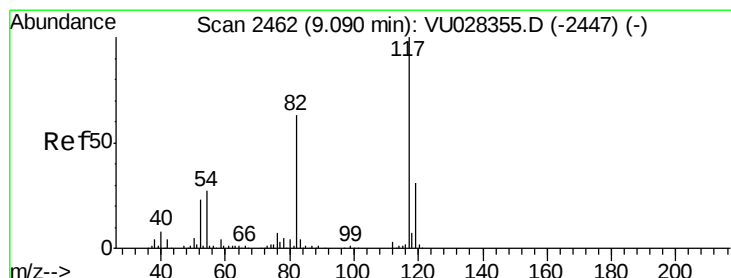
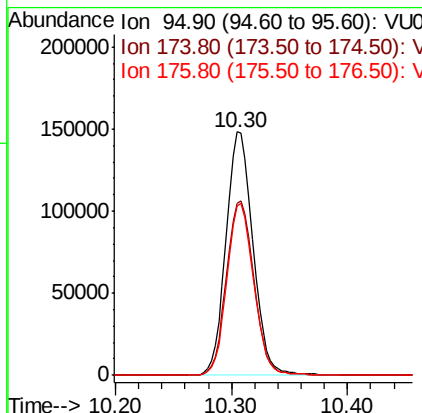
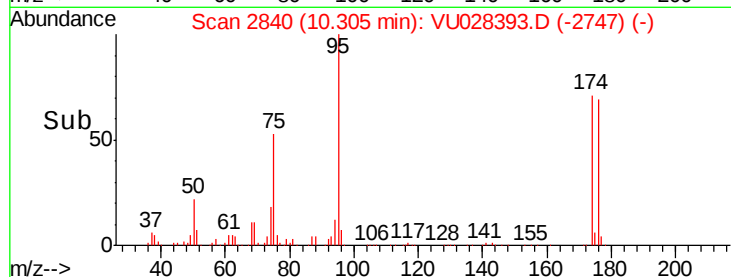
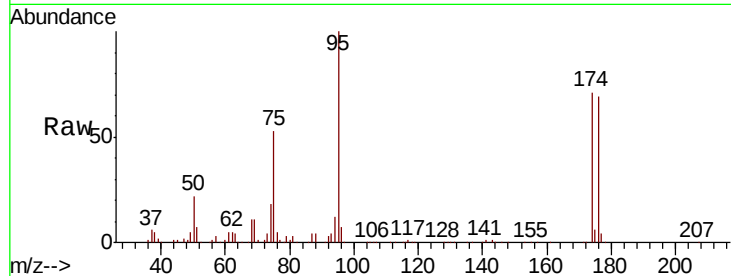




#62
4-Bromofluorobenzene
Concen: 50.256 ug/l
RT: 10.30 min Scan# 2840
Delta R.T. -0.00 min
Lab File: VU028393.D
Acq: 29 Nov 2018 15:00

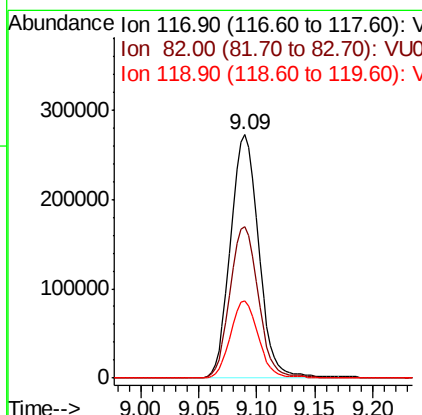
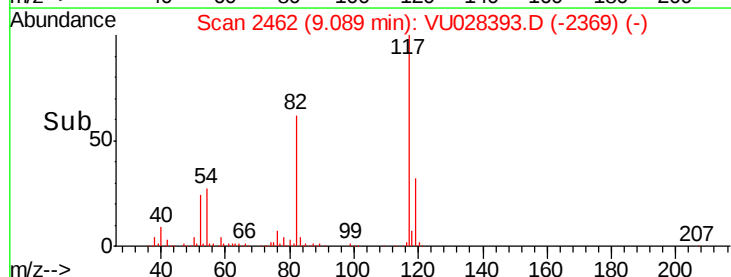
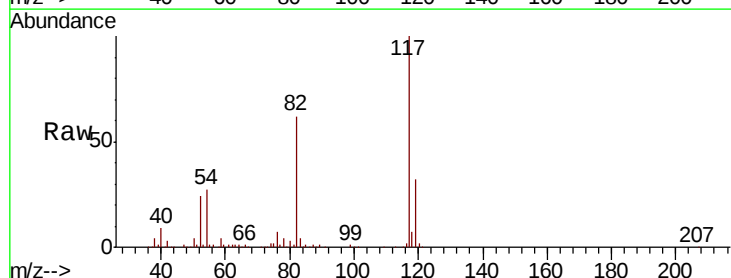
Instrument :
MSVOA_U
ClientSampleId :

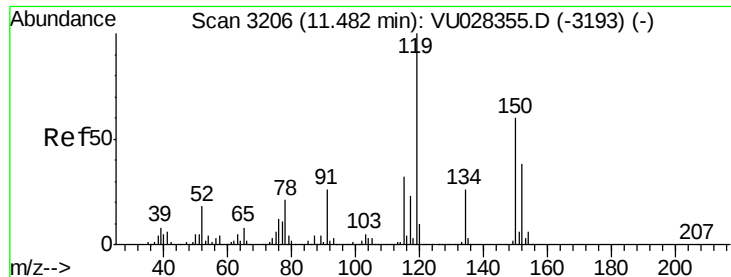
Tot Ion: 95 Resp: 238000
Ion Ratio Lower Upper
95 100
174 72.8 0.0 145.4
176 70.2 0.0 140.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. -0.00 min
Lab File: VU028393.D
Acq: 29 Nov 2018 15:00

Tgt Ion: 117 Resp: 459620
Ion Ratio Lower Upper
117 100
82 62.4 50.3 75.5
119 31.6 24.8 37.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.48 min Scan# 3206

Delta R.T. -0.00 min

Lab File: VU028393.D

Acq: 29 Nov 2018 15:00

Instrument :

MSVOA_U

ClientSampleId :

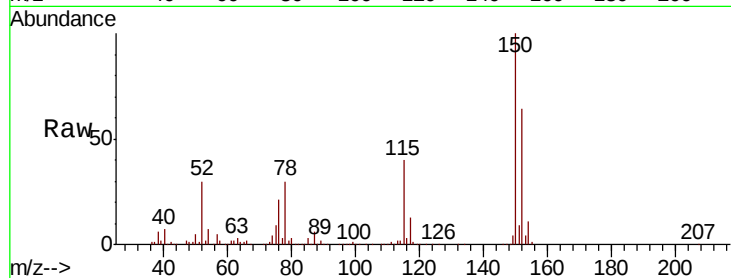
Tot Ion:152 Resp: 213255

Ion Ratio Lower Upper

152 100

115 62.9 45.0 134.8

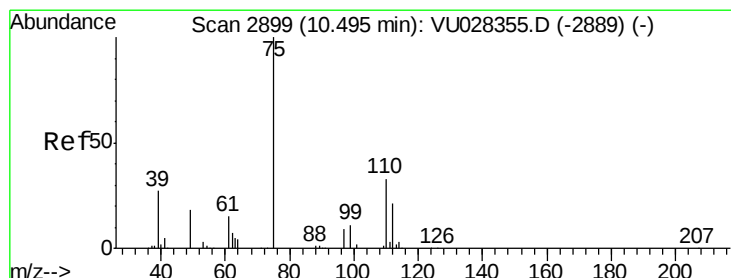
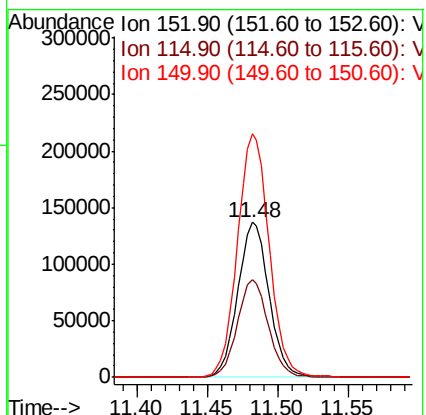
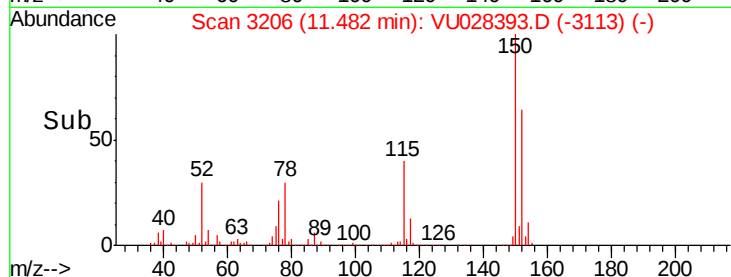
150 159.9 0.0 349.2



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: 21.465 ug/l

RT: 10.30 min Scan# 2840

Delta R.T. -0.19 min

Lab File: VU028393.D

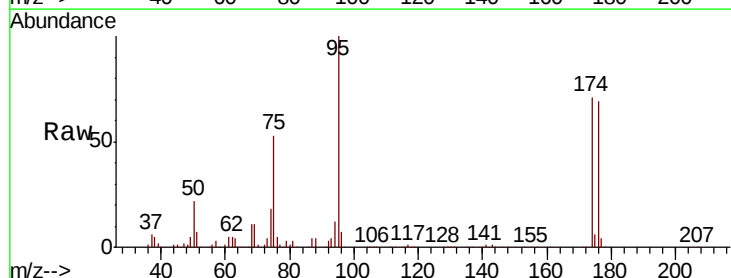
Acq: 29 Nov 2018 15:00

Tgt Ion: 75 Resp: 126940

Ion Ratio Lower Upper

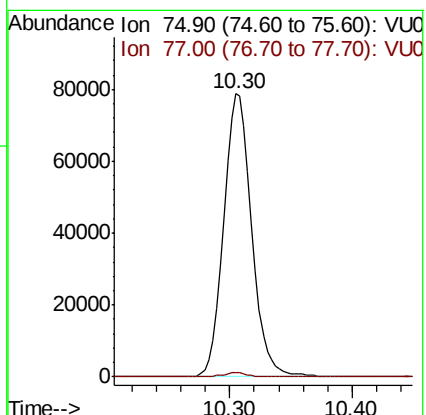
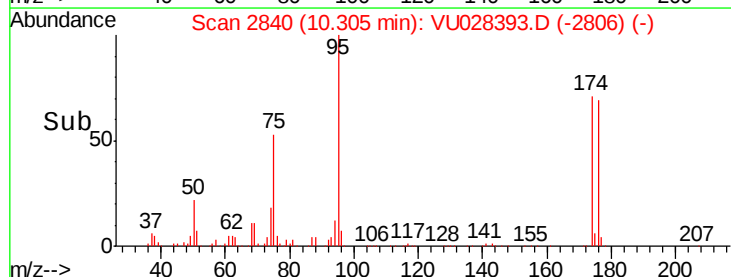
75 100

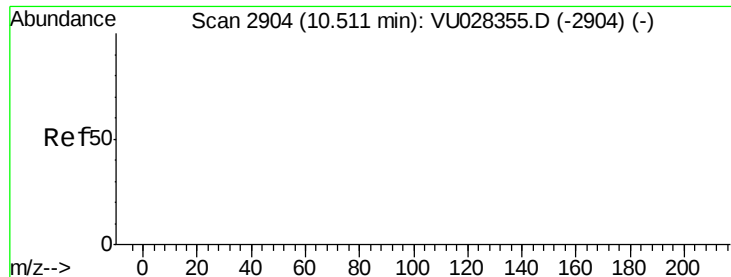
77 1.3 22.4 67.0#



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: 56.979 ug/l

RT: 10.30 min Scan# 2840

Delta R.T. -0.20 min

Lab File: VU028393.D

Acq: 29 Nov 2018 15:00

Instrument :

MSVOA_U

ClientSampled :

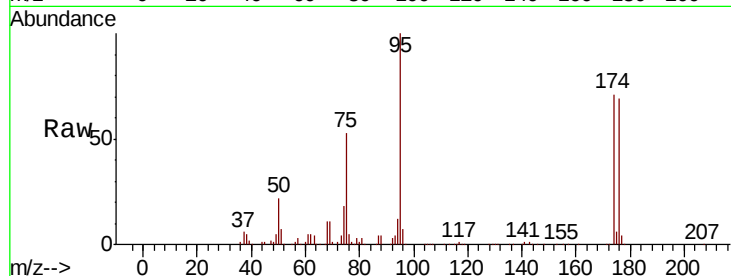
Tot Ion: 75 Resp: 126940

Ion Ratio Lower Upper

75 100

53 0.0 0.0 0.0

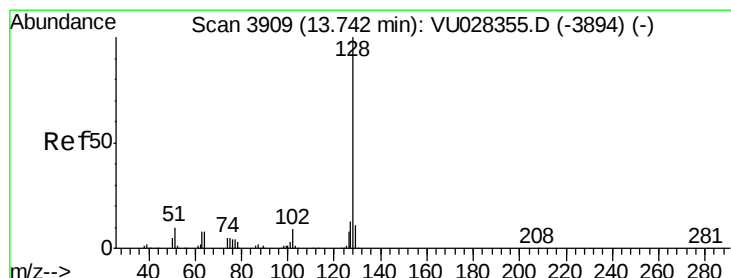
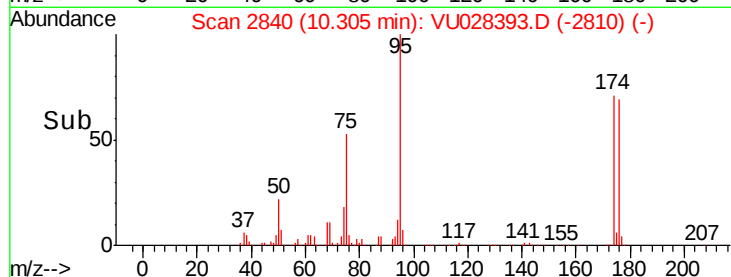
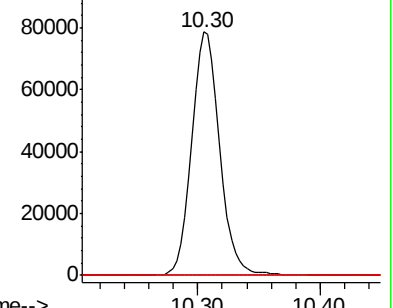
89 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VU028355.D (-2904) (-)

Ion 53.00 (52.70 to 53.70): VU028355.D (-2904) (-)

Ion 88.90 (88.60 to 89.60): VU028355.D (-2904) (-)



#95

Naphthalene

Concen: 2.844 ug/l

RT: 13.77 min Scan# 3919

Delta R.T. 0.03 min

Lab File: VU028393.D

Acq: 29 Nov 2018 15:00

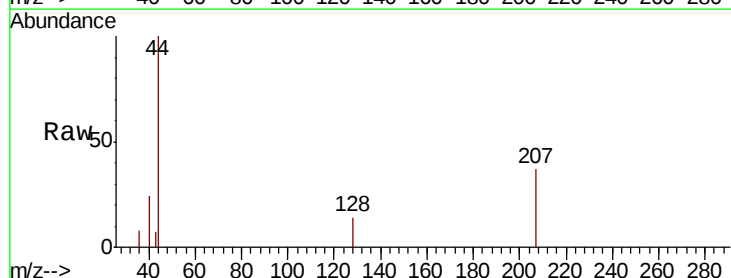
Tgt Ion: 128 Resp: 172

Ion Ratio Lower Upper

128 100

127 0.0 10.6 15.8#

129 0.0 8.6 12.8#



Abundance Ion 128.00 (127.70 to 128.70): VU028355.D (-3894) (-)

Ion 127.00 (126.70 to 127.70): VU028355.D (-3894) (-)

Ion 129.00 (128.70 to 129.70): VU028355.D (-3894) (-)

