

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU121318\
 Data File : VU028624.D
 Acq On : 11 Dec 2018 22:04
 Operator : MD/SY
 Sample : J6347-11
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 P001-SW003-01

Quant Time: Dec 12 04:14:01 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U120618W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 07 00:39:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	83486	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	151583	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	135824	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	53711	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	70084	55.01	ug/l	0.00
Spiked Amount			Recovery	=	110.02%	
35) Dibromofluoromethane	4.88	113	50427	52.86	ug/l	0.00
Spiked Amount			Recovery	=	105.72%	
50) Toluene-d8	7.56	98	196483	52.07	ug/l	0.00
Spiked Amount			Recovery	=	104.14%	
62) 4-Bromofluorobenzene	10.31	95	64860	45.99	ug/l	0.00
Spiked Amount			Recovery	=	91.98%	

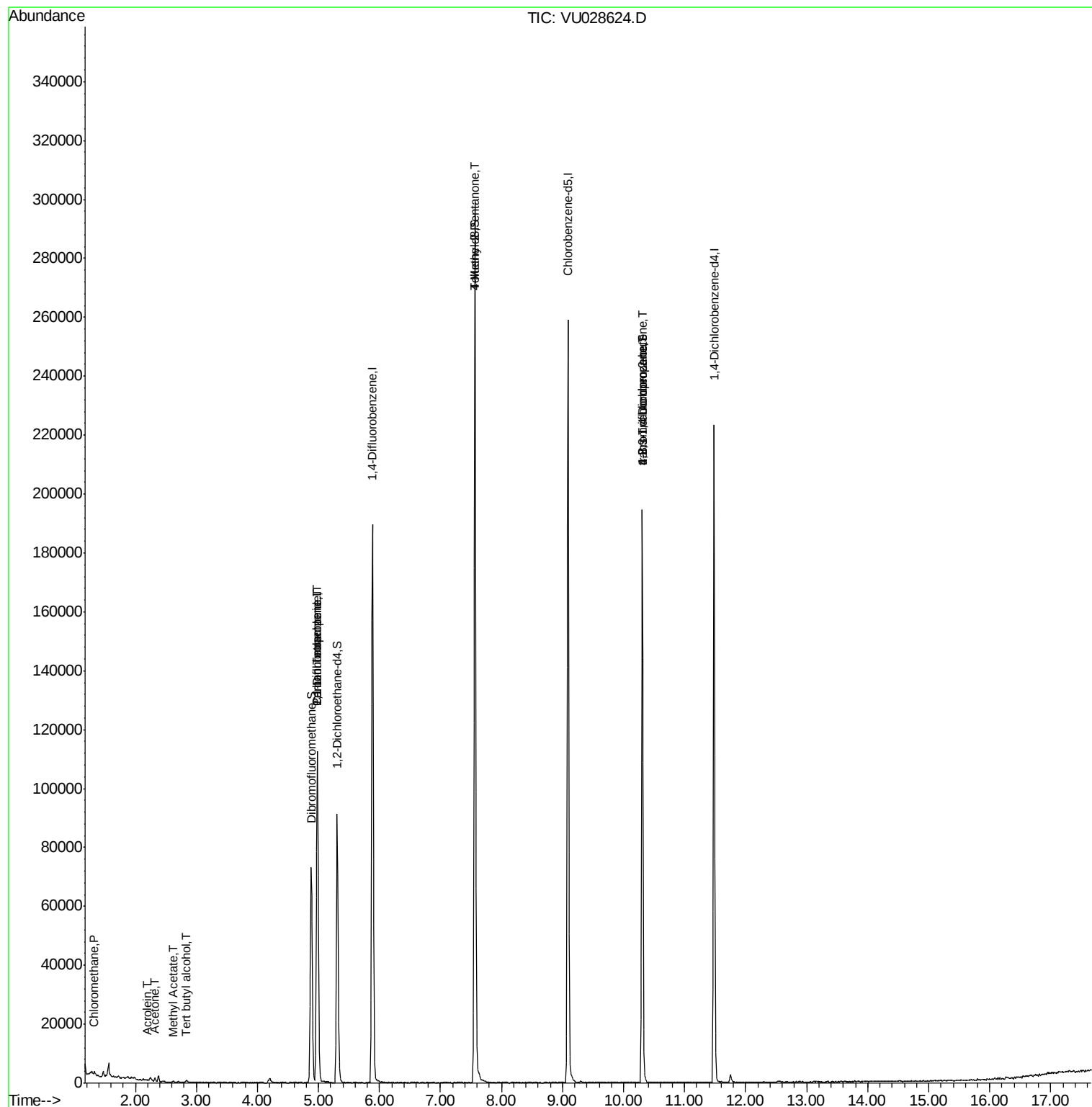
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.33	50	986	0.479	ug/l	93
11) Tert butyl alcohol	2.83	59	766	2.699	ug/l #	73
13) Acrolein	2.20	56	77	0.340	ug/l #	14
16) Acetone	2.32	43	1773	2.133	ug/l	96
18) Methyl Acetate	2.63	43	517	0.240	ug/l #	56
31) Cyclohexane	4.98	56	2007	Below Cal	#	1
36) 1,1-Dichloropropene	4.98	75	7576	4.567	ug/l #	47
38) Carbon Tetrachloride	4.98	117	8335	6.234	ug/l #	14
51) 4-Methyl-2-Pentanone	7.57	43	948	0.443	ug/l #	1
76) 1,2,3-Trichloropropane	10.31	75	34200	24.936	ug/l #	35
81) trans-1,4-Dichloro-2-buten	10.31	75	34200	61.191	ug/l #	100

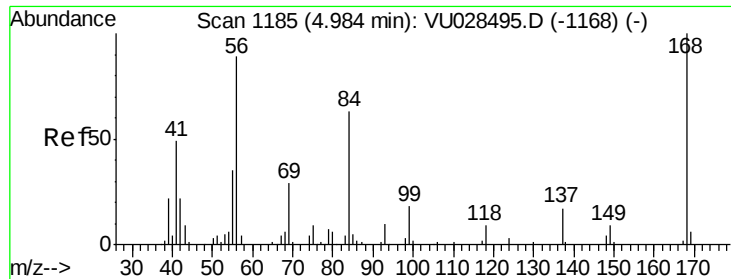
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU121318\
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Quant Time: Dec 12 04:14:01 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\82U120618W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 07 00:39:42 2018
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: VU028624.D

Acq: 11 Dec 2018 22:04

Instrument :

MSVOA_U

ClientSampleId :

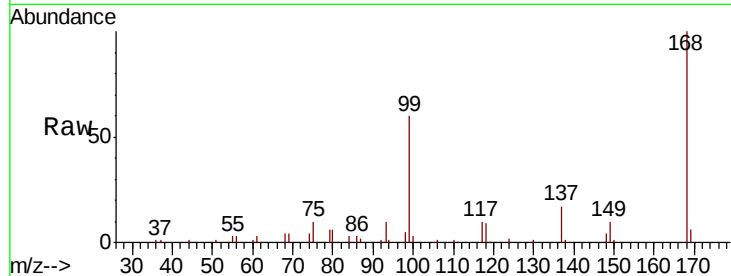
P001-SW003-01

Tot Ion:168 Resp: 83486

Ion Ratio Lower Upper

168 100

99 60.4 46.6 69.8



Abundance Ion 167.90 (167.60 to 168.60): VU028495.D (-1168) (-)

Ion 98.90 (98.60 to 99.60): VU028495.D (-1168) (-)

4.98

40000

30000

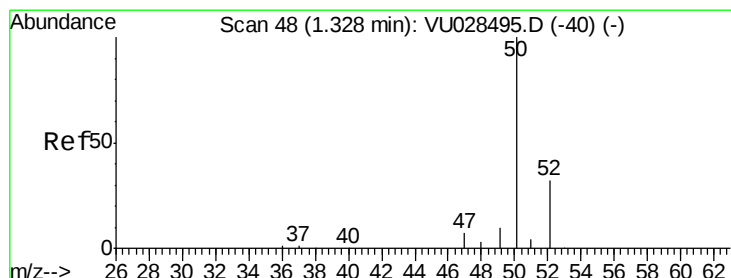
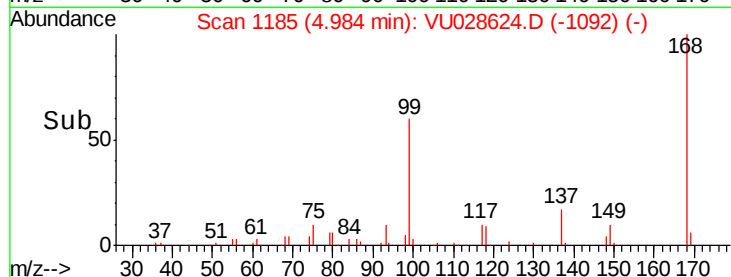
20000

10000

0

4.90 5.00 5.10

Time-->



#3

Chloromethane

Concen: 0.479 ug/l

RT: 1.33 min Scan# 48

Delta R.T. 0.00 min

Lab File: VU028624.D

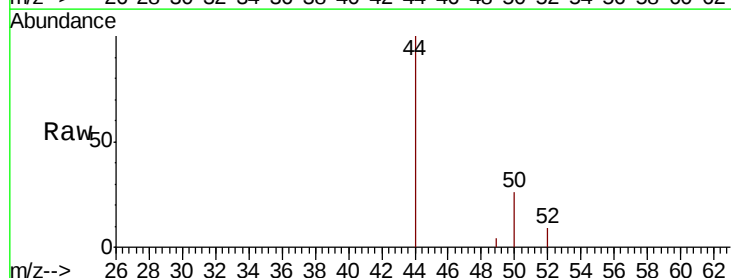
Acq: 11 Dec 2018 22:04

Tgt Ion: 50 Resp: 986

Ion Ratio Lower Upper

50 100

52 36.0 25.5 38.3



Abundance Ion 49.90 (49.60 to 50.60): VU028495.D (-40) (-)

Ion 51.90 (51.60 to 52.60): VU028495.D (-40) (-)

1.33

800

600

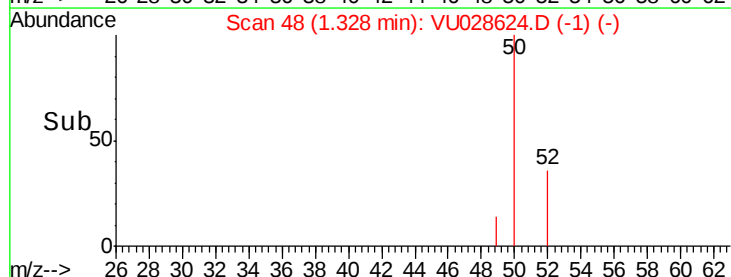
400

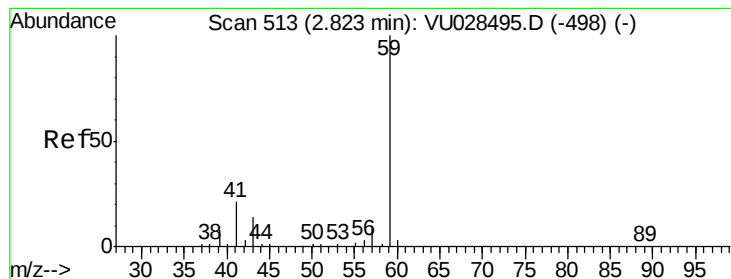
200

0

1.30 1.32 1.34 1.36 1.38

Time-->



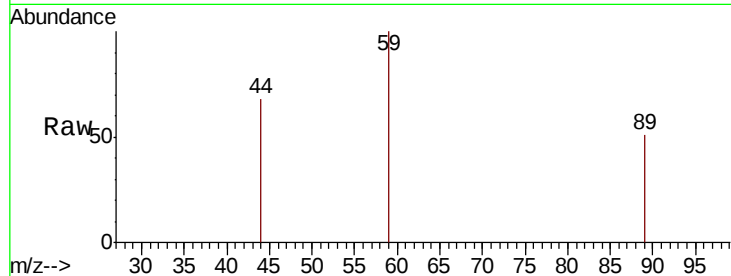


#11

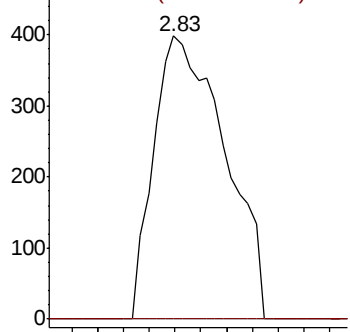
Tert butyl alcohol
 Concen: 2.699 ug/l
 RT: 2.83 min Scan# 515
 Delta R.T. 0.01 min
 Lab File: VU028624.D
 Acq: 11 Dec 2018 22:04

Instrument :
 MSVOA_U
 ClientSampleId :
 P001-SW003-01

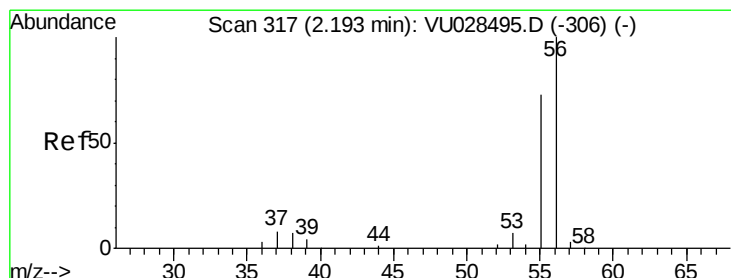
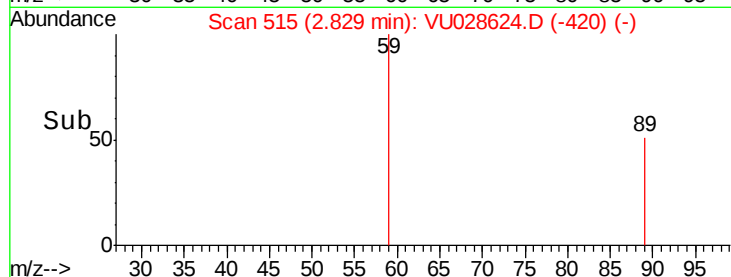
Tot Ion: 59 Resp: 766
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.0 12.0#



Abundance Ion 59.00 (58.70 to 59.70): VU0
 Ion 57.00 (56.70 to 57.70): VU0



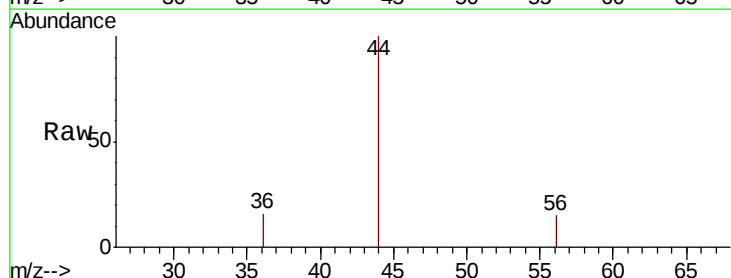
Time-->



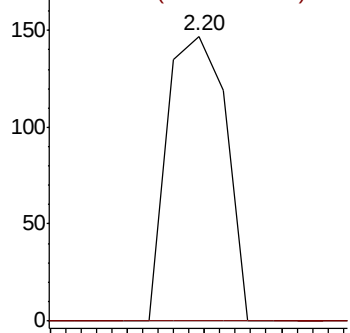
#13

Acrolein
 Concen: 0.340 ug/l
 RT: 2.20 min Scan# 319
 Delta R.T. 0.01 min
 Lab File: VU028624.D
 Acq: 11 Dec 2018 22:04

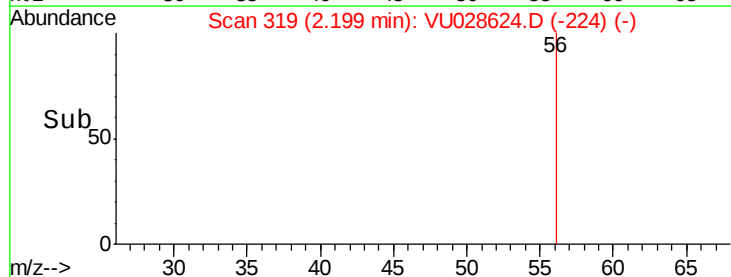
Tgt Ion: 56 Resp: 77
 Ion Ratio Lower Upper
 56 100
 55 0.0 57.5 86.3#

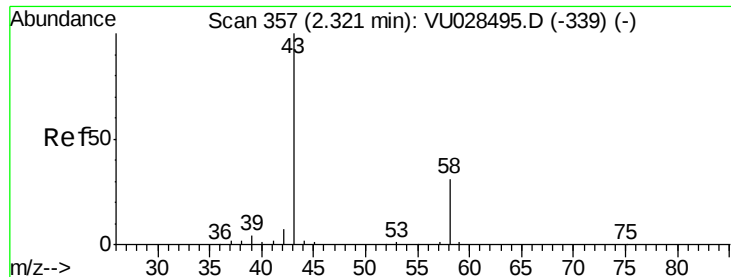


Abundance Ion 56.00 (55.70 to 56.70): VU0
 Ion 55.00 (54.70 to 55.70): VU0



Time-->





#16

Acetone

Concen: 2.133 ug/l

RT: 2.32 min Scan# 357

Delta R.T. 0.00 min

Lab File: VU028624.D

Acq: 11 Dec 2018 22:04

Instrument :

MSVOA_U

ClientSampleId :

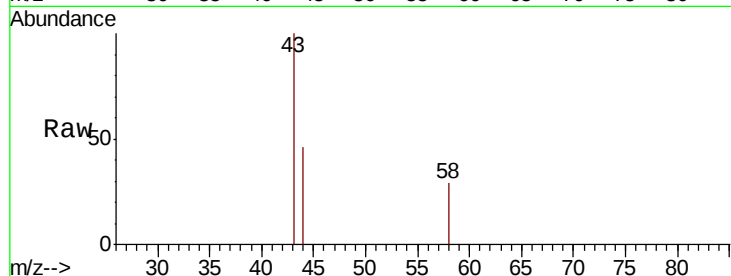
P001-SW003-01

Tot Ion: 43 Resp: 1773

Ion Ratio Lower Upper

43 100

58 28.8 24.6 37.0



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

1200

1000

800

600

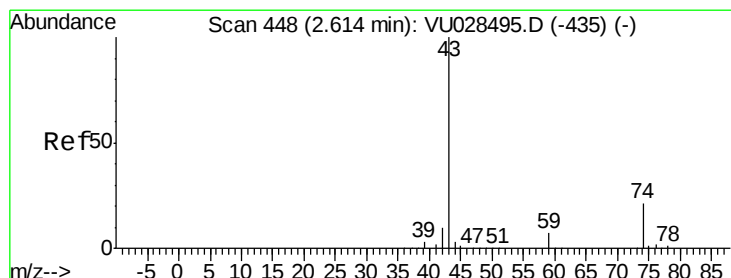
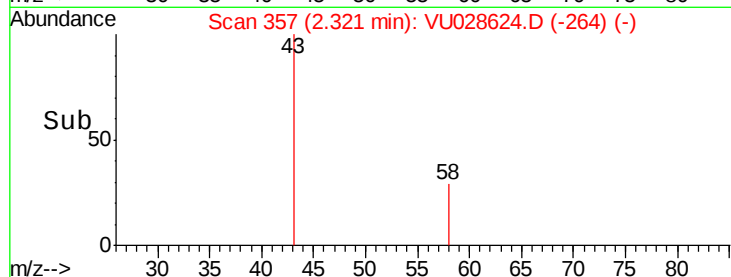
400

200

0

2.30 2.32 2.35

Time-->



#18

Methyl Acetate

Concen: 0.240 ug/l

RT: 2.63 min Scan# 452

Delta R.T. 0.01 min

Lab File: VU028624.D

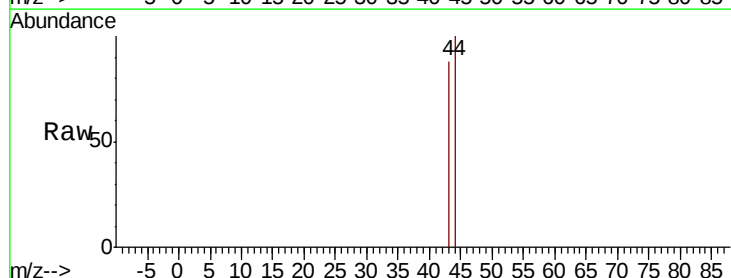
Acq: 11 Dec 2018 22:04

Tgt Ion: 43 Resp: 517

Ion Ratio Lower Upper

43 100

74 0.0 16.4 24.6#



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 74.00 (73.70 to 74.70): VU0

300

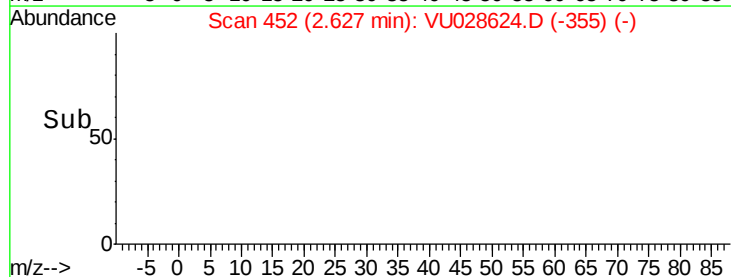
200

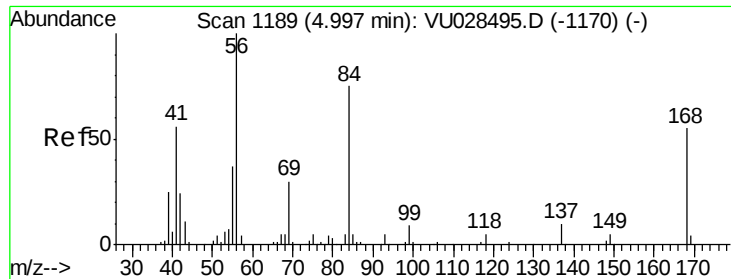
100

0

2.58 2.60 2.62 2.64 2.66

Time-->

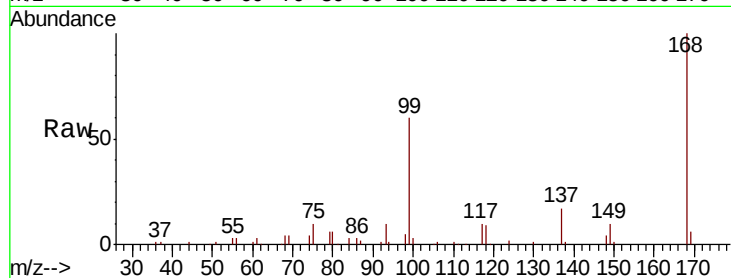




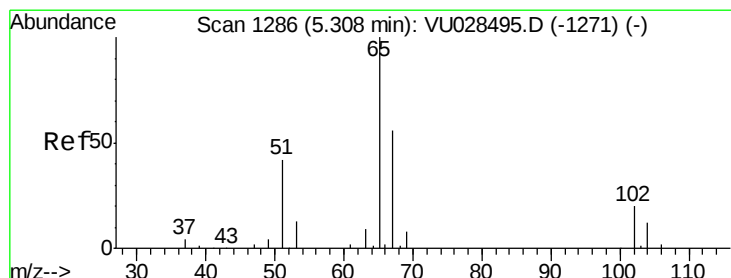
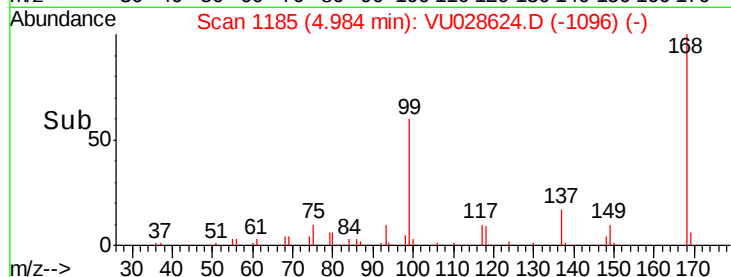
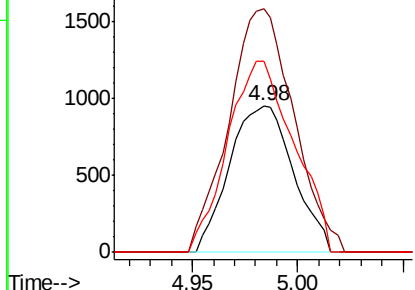
#31
Cyclohexane
Concen: Below Cal
RT: 4.98 min Scan# 1185
Delta R.T. -0.01 min
Lab File: VU028624.D
Acq: 11 Dec 2018 22:04

Instrument :
MSVOA_U
ClientSampleId :
P001-SW003-01

Tot Ion: 56 Resp: 2007
Ion Ratio Lower Upper
56 100
69 166.1 24.0 36.0#
84 130.1 59.7 89.5#

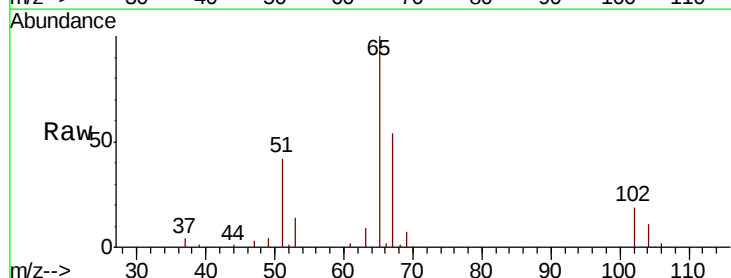


Abundance Ion 56.00 (55.70 to 56.70): VU0
Ion 69.00 (68.70 to 69.70): VU0
Ion 84.00 (83.70 to 84.70): VU0

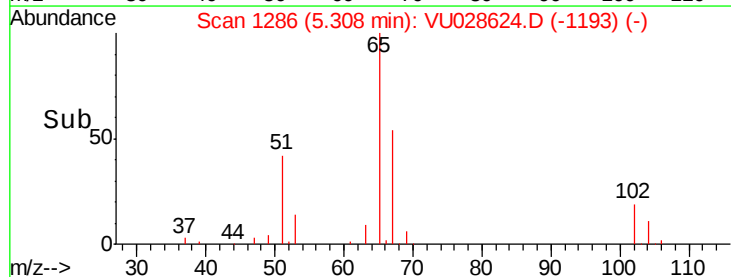
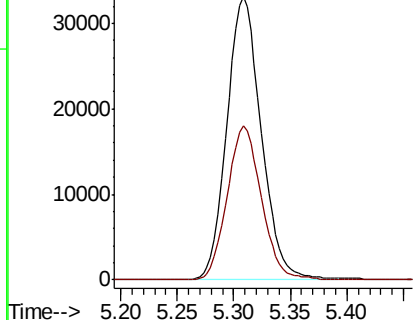


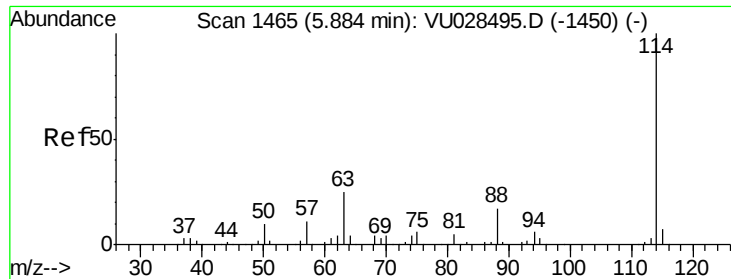
#33
1,2-Dichloroethane-d4
Concen: 55.009 ug/l
RT: 5.31 min Scan# 1286
Delta R.T. 0.00 min
Lab File: VU028624.D
Acq: 11 Dec 2018 22:04

Tgt Ion: 65 Resp: 70084
Ion Ratio Lower Upper
65 100
67 54.0 0.0 110.6



Abundance Ion 64.90 (64.60 to 65.60): VU0
Ion 66.90 (66.60 to 67.60): VU0

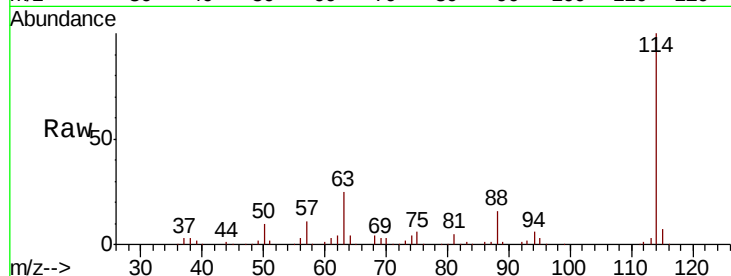




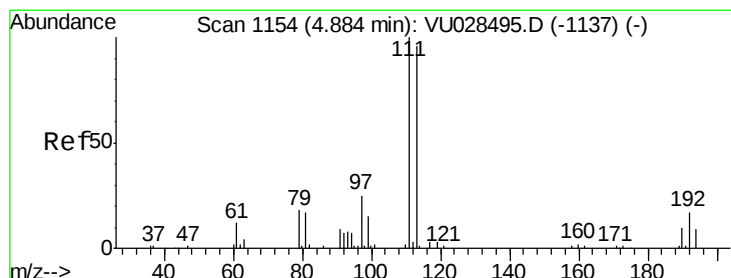
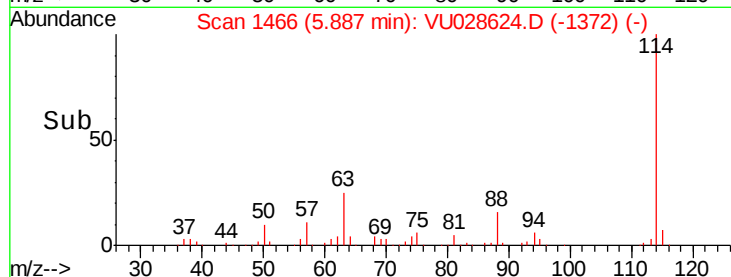
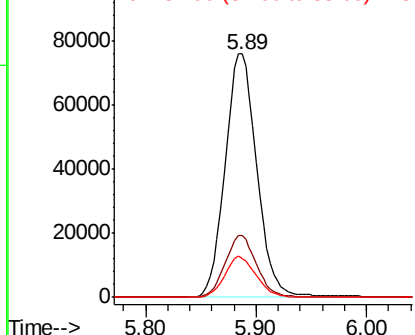
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1466
 Delta R.T. 0.00 min
 Lab File: VU028624.D
 Acq: 11 Dec 2018 22:04

Instrument :
 MSVOA_U
 ClientSampleId :
 P001-SW003-01

Tot Ion:114 Resp: 151583
 Ion Ratio Lower Upper
 114 100
 63 25.3 0.0 49.2
 88 16.1 0.0 33.4

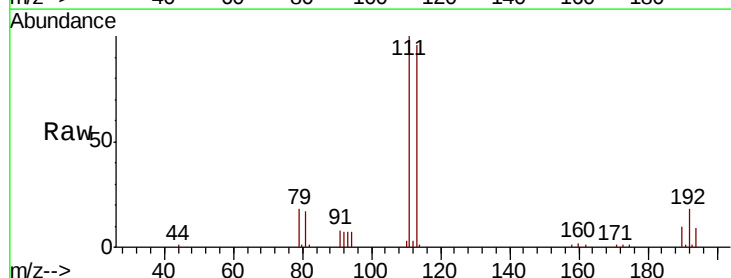


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VU0
 Ion 87.90 (87.60 to 88.60): VU0

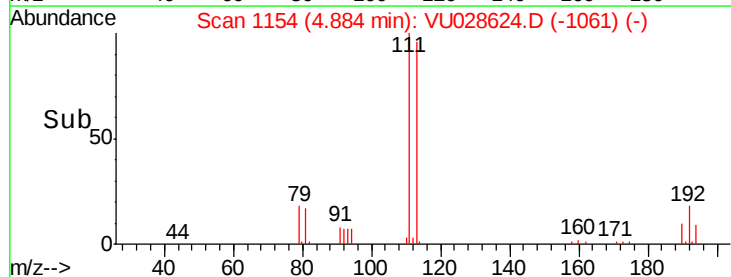
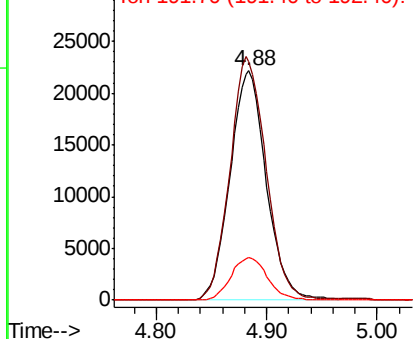


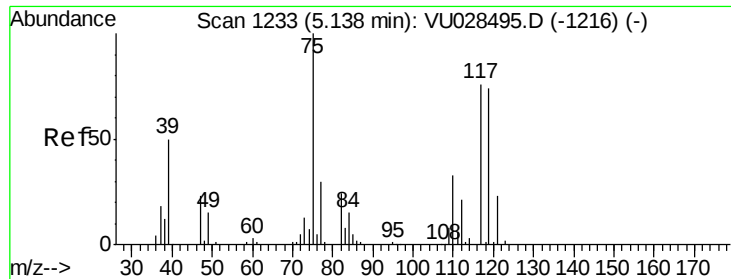
#35
 Dibromofluoromethane
 Concen: 52.863 ug/l
 RT: 4.88 min Scan# 1154
 Delta R.T. 0.00 min
 Lab File: VU028624.D
 Acq: 11 Dec 2018 22:04

Tgt Ion:113 Resp: 50427
 Ion Ratio Lower Upper
 113 100
 111 105.5 83.4 125.0
 192 18.5 14.8 22.2



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

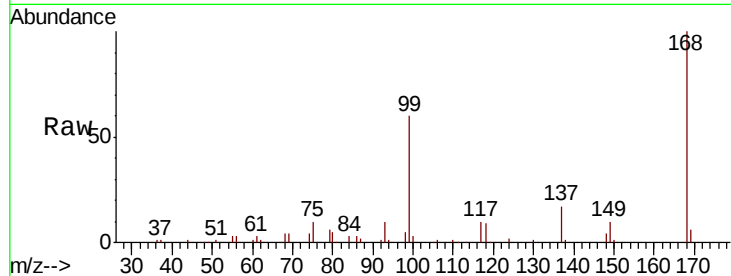




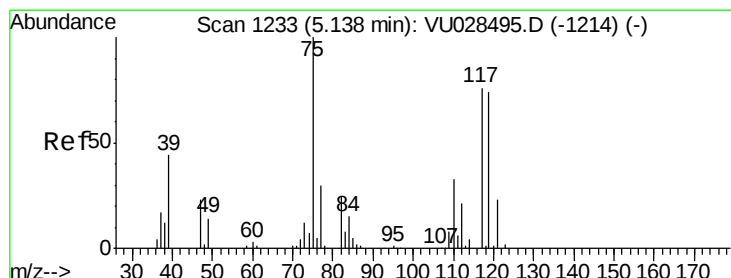
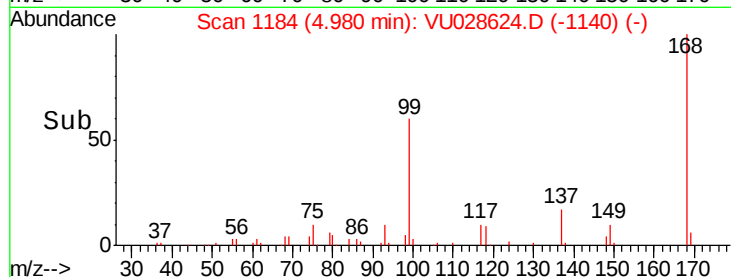
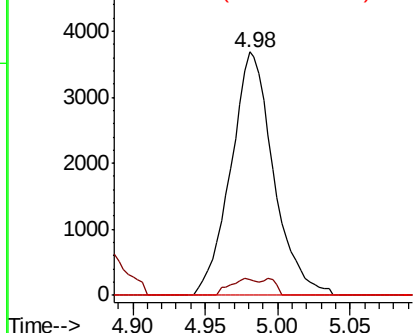
#36
 1,1-Dichloropropene
 Concen: 4.567 ug/l
 RT: 4.98 min Scan# 1184
 Delta R.T. -0.16 min
 Lab File: VU028624.D
 Acq: 11 Dec 2018 22:04

Instrument :
 MSVOA_U
 ClientSampleId :
 P001-SW003-01

Tot Ion	Ratio	Lower	Upper
75	100		
110	4.3	16.1	48.2#
77	0.0	24.5	36.7#

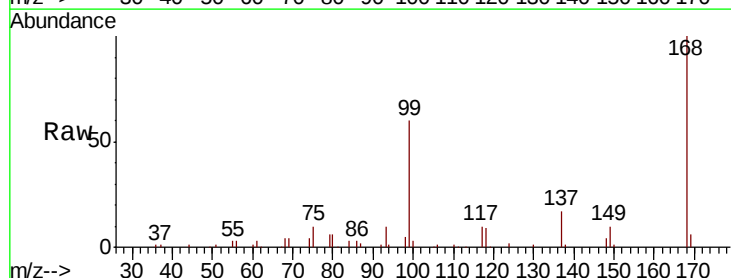


Abundance Ion 74.90 (74.60 to 75.60): VU028624.D (-1140) (-)
 Ion 109.90 (109.60 to 110.60): VU028624.D (-1140) (-)
 Ion 76.90 (76.60 to 77.60): VU028624.D (-1140) (-)

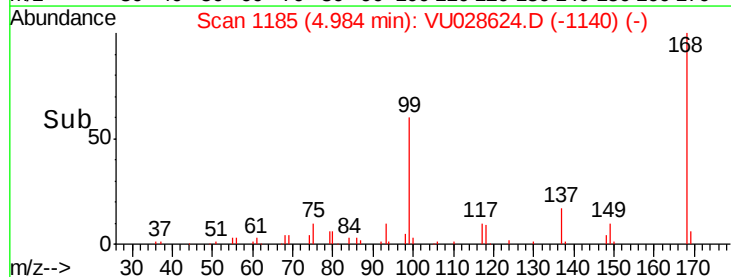
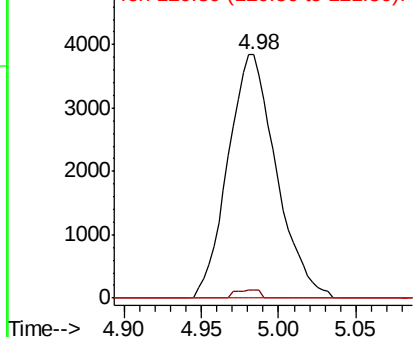


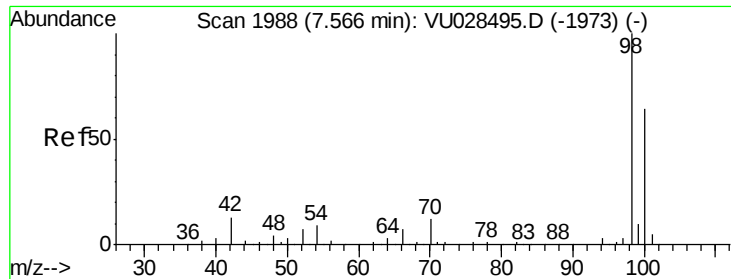
#38
 Carbon Tetrachloride
 Concen: 6.234 ug/l
 RT: 4.98 min Scan# 1185
 Delta R.T. -0.15 min
 Lab File: VU028624.D
 Acq: 11 Dec 2018 22:04

Tgt Ion	Ratio	Lower	Upper
117	100		
119	3.5	77.6	116.4#
121	0.0	24.6	36.8#



Abundance Ion 116.80 (116.50 to 117.50): VU028624.D (-1140) (-)
 Ion 118.80 (118.50 to 119.50): VU028624.D (-1140) (-)
 Ion 120.80 (120.50 to 121.50): VU028624.D (-1140) (-)

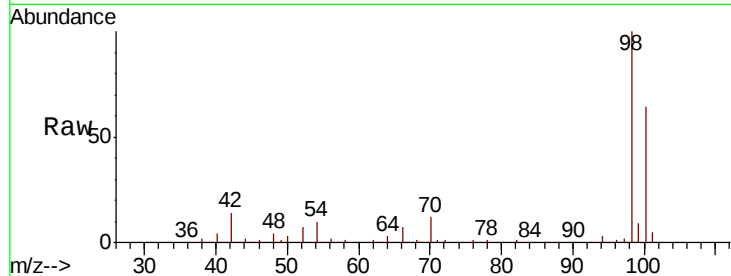




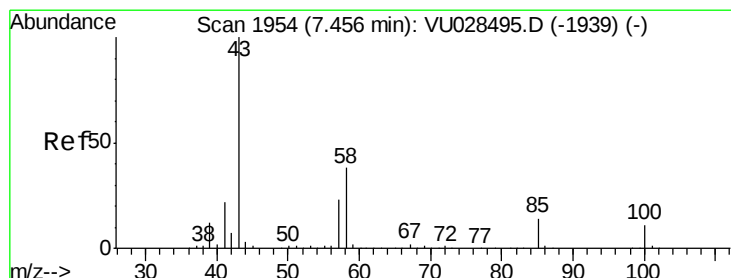
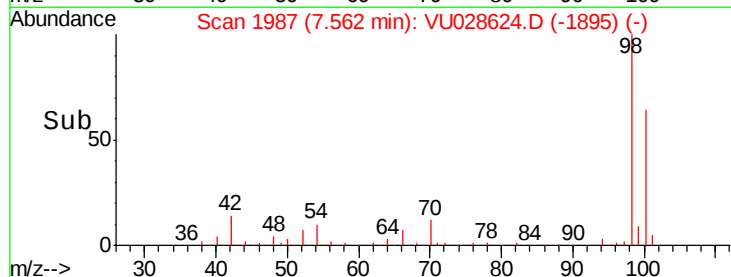
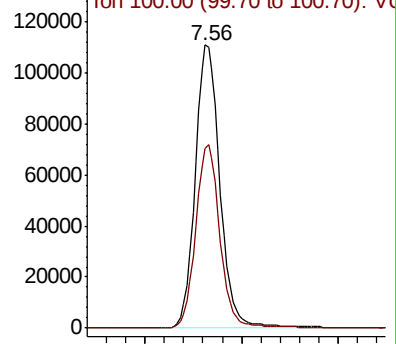
#50
Toluene-d8
Concen: 52.069 ug/l
RT: 7.56 min Scan# 1987
Delta R.T. -0.00 min
Lab File: VU028624.D
Acq: 11 Dec 2018 22:04

Instrument :
MSVOA_U
ClientSampleId :
P001-SW003-01

Tot Ion: 98 Resp: 196483
Ion Ratio Lower Upper
98 100
100 63.6 51.0 76.6

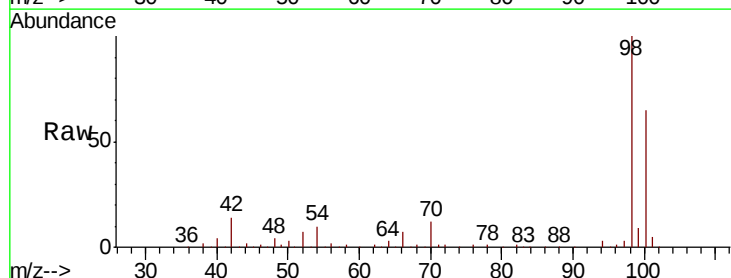


Abundance Ion 98.00 (97.70 to 98.70): VU028495.D (-1973) (-)
Ion 100.00 (99.70 to 100.70): VU028495.D (-1973) (-)

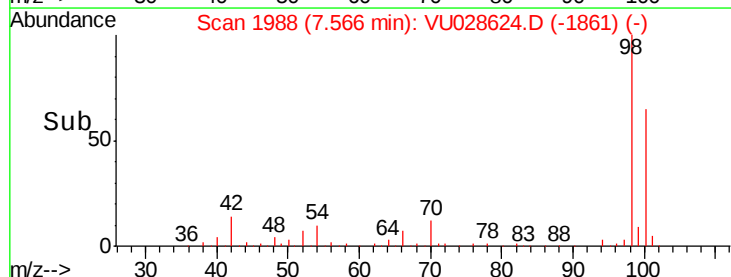
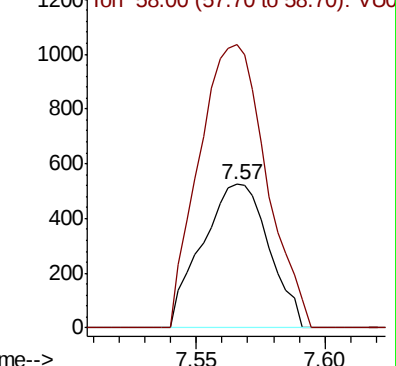


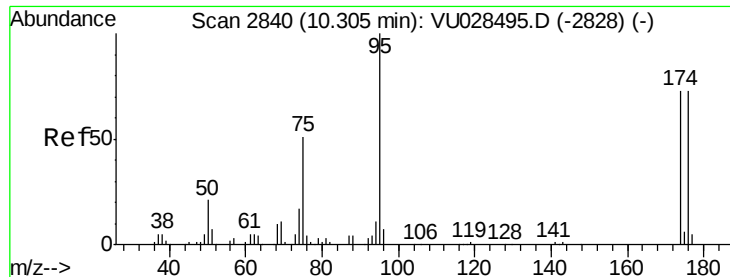
#51
4-Methyl-2-Pentanone
Concen: 0.443 ug/l
RT: 7.57 min Scan# 1988
Delta R.T. 0.11 min
Lab File: VU028624.D
Acq: 11 Dec 2018 22:04

Tgt Ion: 43 Resp: 948
Ion Ratio Lower Upper
43 100
58 197.9 30.2 45.2#



Abundance Ion 43.00 (42.70 to 43.70): VU028495.D (-1939) (-)
Ion 58.00 (57.70 to 58.70): VU028495.D (-1939) (-)

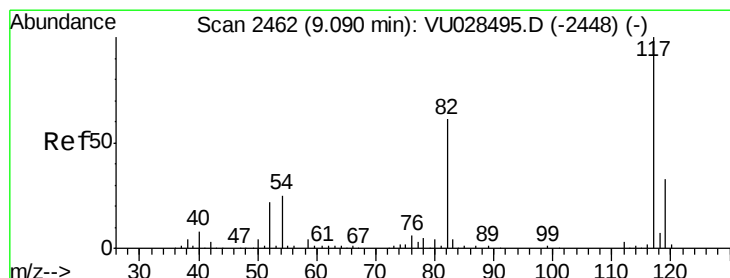
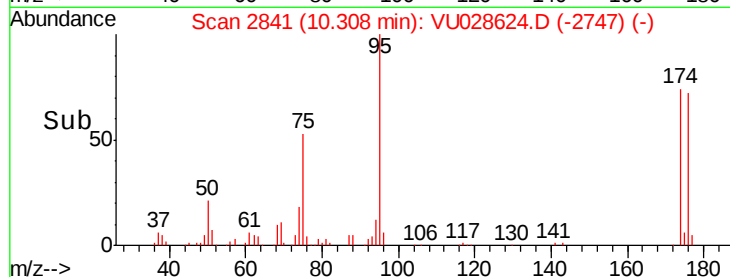
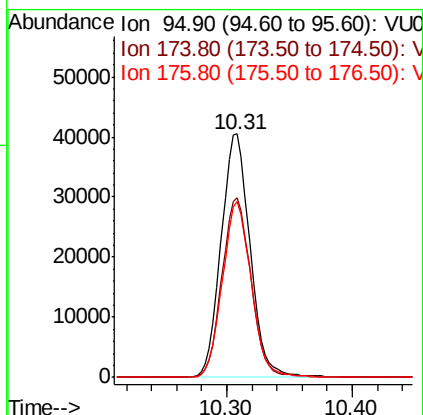
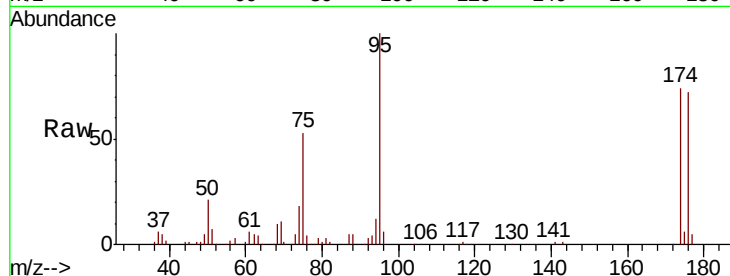




#62
4-Bromofluorobenzene
Concen: 45.986 ug/l
RT: 10.31 min Scan# 2841
Delta R.T. 0.00 min
Lab File: VU028624.D
Acq: 11 Dec 2018 22:04

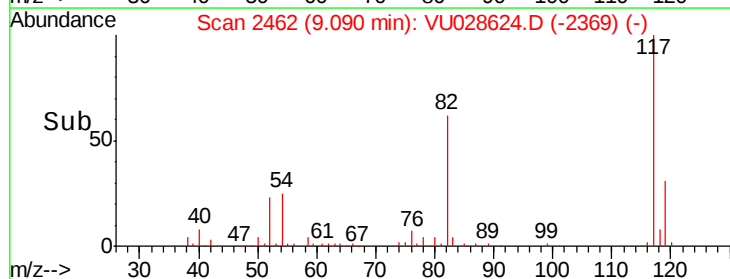
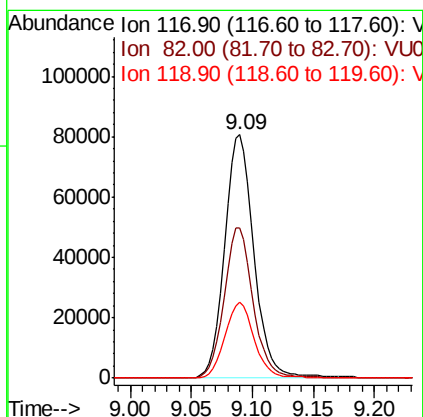
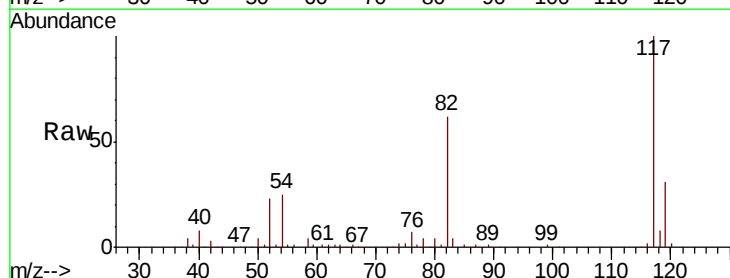
Instrument :
MSVOA_U
ClientSampleId :
P001-SW003-01

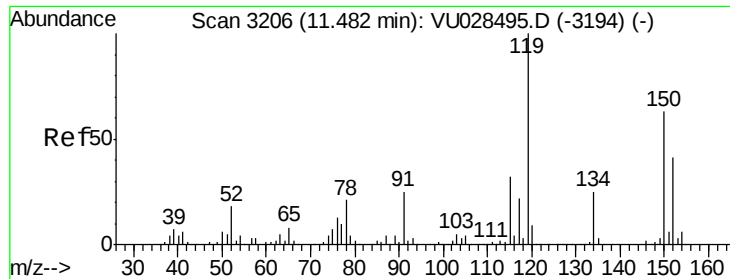
Tot Ion: 95 Resp: 64860
Ion Ratio Lower Upper
95 100
174 73.9 0.0 150.4
176 71.6 0.0 145.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. 0.00 min
Lab File: VU028624.D
Acq: 11 Dec 2018 22:04

Tgt Ion: 117 Resp: 135824
Ion Ratio Lower Upper
117 100
82 61.9 48.9 73.3
119 31.2 26.2 39.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.48 min Scan# 3206

Delta R.T. 0.00 min

Lab File: VU028624.D

Acq: 11 Dec 2018 22:04

Instrument :

MSVOA_U

ClientSampleId :

P001-SW003-01

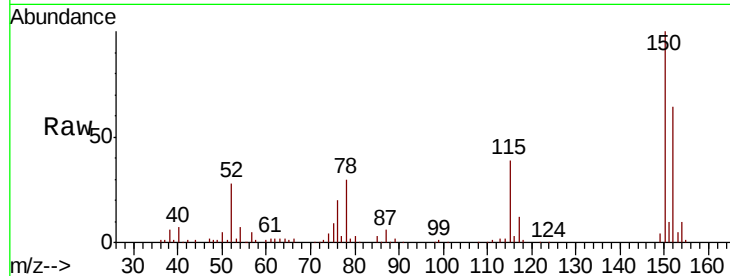
Tot Ion:152 Resp: 53711

Ion Ratio Lower Upper

152 100

115 61.2 42.7 128.1

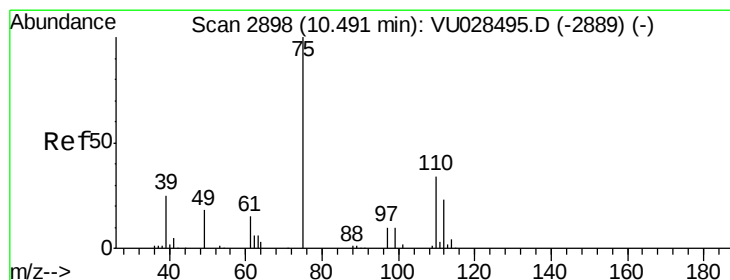
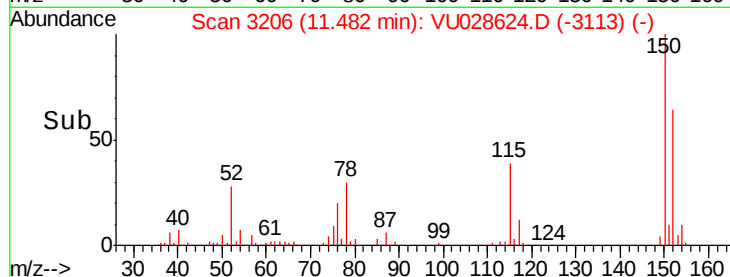
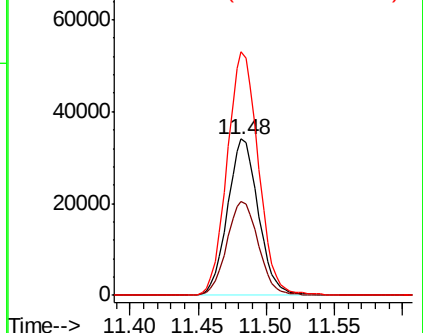
150 157.0 0.0 346.0



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: 24.936 ug/l

RT: 10.31 min Scan# 2840

Delta R.T. -0.19 min

Lab File: VU028624.D

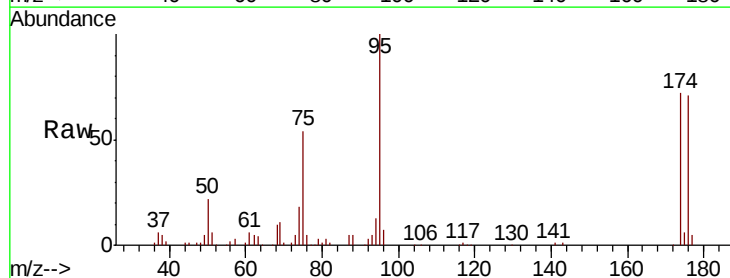
Acq: 11 Dec 2018 22:04

Tgt Ion: 75 Resp: 34200

Ion Ratio Lower Upper

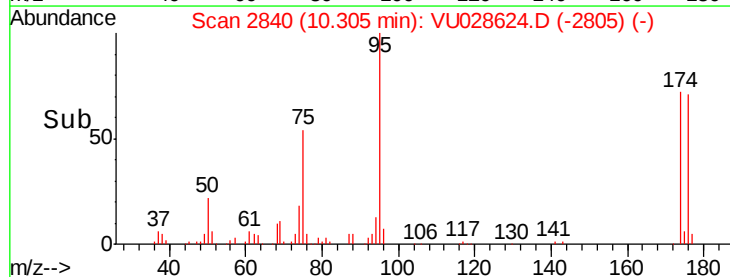
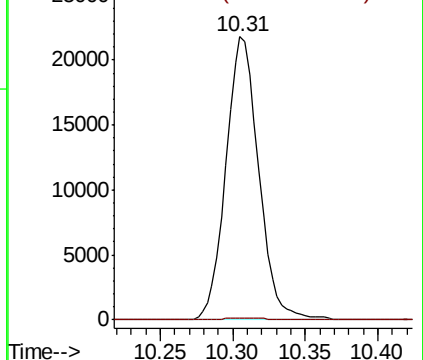
75 100

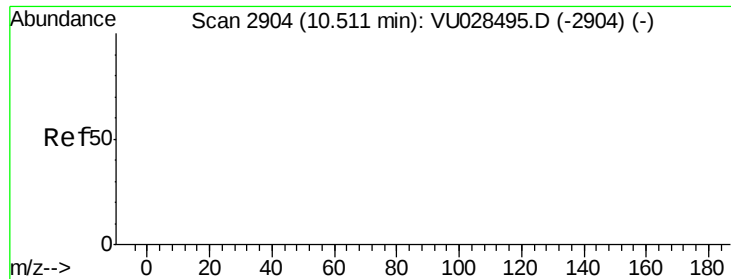
77 0.7 20.8 62.4#



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: 61.191 ug/l

RT: 10.31 min Scan# 2840

Delta R.T. -0.20 min

Lab File: VU028624.D

Acq: 11 Dec 2018 22:04

Instrument :

MSVOA_U

ClientSampleId :

P001-SW003-01

Tot Ion: 75 Resp: 34200

Ion Ratio Lower Upper

75 100

53 0.0 0.0 0.0

89 0.0 0.0 0.0

