

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U121318\
 Data File : VU028631.D
 Acq On : 12 Dec 2018 00:53
 Operator : MD/SY
 Sample : J6347-06
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 P001-SW001-01

Quant Time: Dec 12 04:15:50 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	86206	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.88	114	158637	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	142442	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	57346	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	71195	54.12	ug/l	0.00
Spiked Amount			Recovery	=	108.24%	
35) Dibromofluoromethane	4.88	113	53361	53.45	ug/l	0.00
Spiked Amount			Recovery	=	106.90%	
50) Toluene-d8	7.56	98	205700	52.09	ug/l	0.00
Spiked Amount			Recovery	=	104.18%	
62) 4-Bromofluorobenzene	10.31	95	67734	45.89	ug/l	0.00
Spiked Amount			Recovery	=	91.78%	

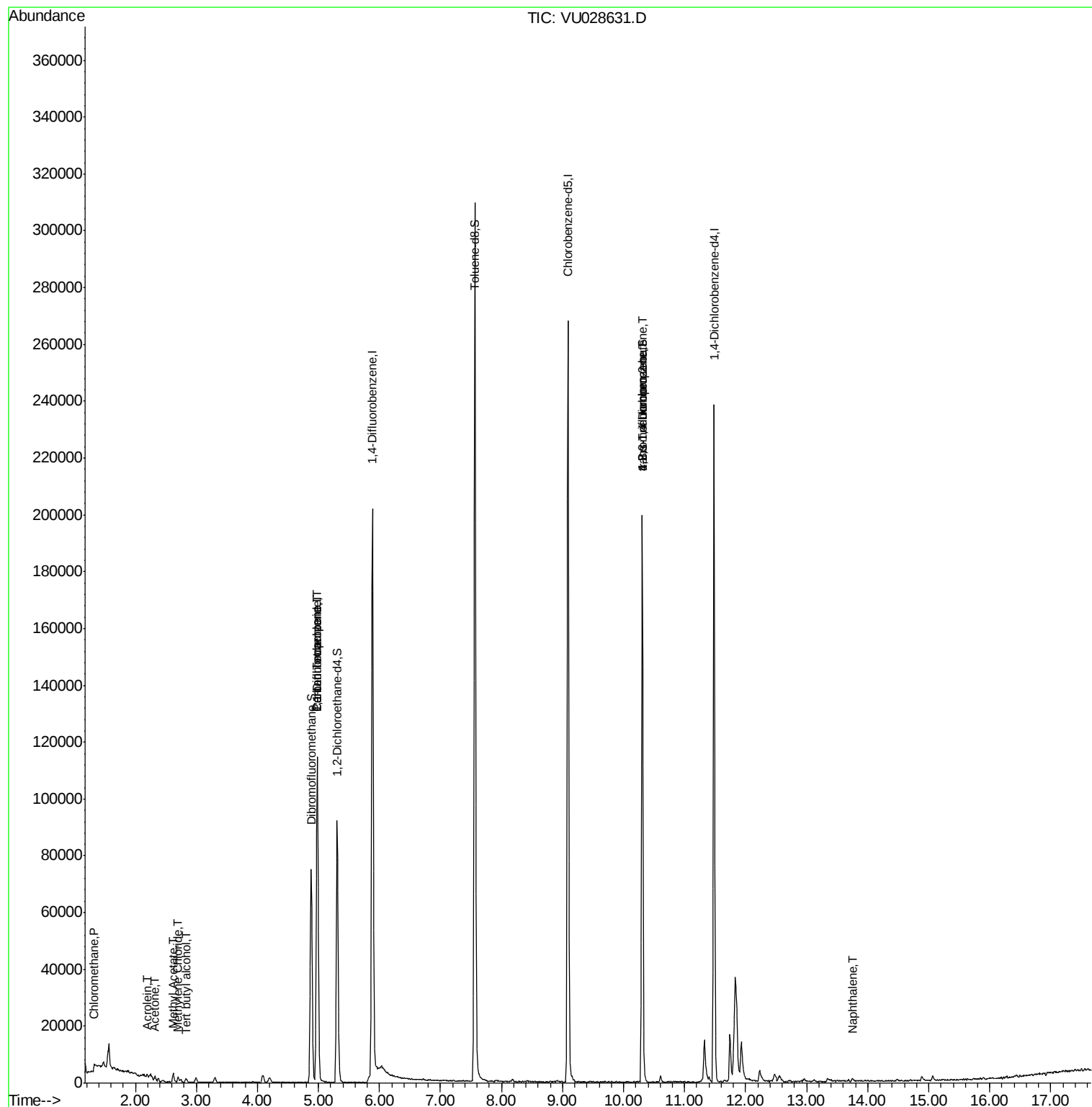
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.33	50	1195	0.563	ug/l #	83
11) Tert butyl alcohol	2.83	59	1034	3.528	ug/l #	73
13) Acrolein	2.19	56	571	2.444	ug/l #	77
16) Acetone	2.32	43	1756	2.046	ug/l #	85
18) Methyl Acetate	2.62	43	4668	2.098	ug/l #	89
20) Methylene Chloride	2.70	84	576	0.455	ug/l	88
31) Cyclohexane	4.98	56	2282	Below Cal	#	1
36) 1,1-Dichloropropene	4.98	75	8127	4.682	ug/l #	49
38) Carbon Tetrachloride	4.98	117	8421	6.019	ug/l #	16
76) 1,2,3-Trichloropropane	10.31	75	36007	24.589	ug/l #	36
81) trans-1,4-Dichloro-2-buten	10.31	75	36007	60.347	ug/l #	100
95) Naphthalene	13.75	128	1646	0.353	ug/l #	83

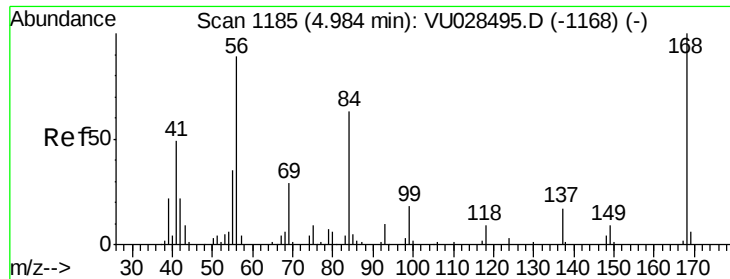
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VU028631.D

Acq: 12 Dec 2018 00:53

Instrument :

MSVOA_U

ClientSampleId :

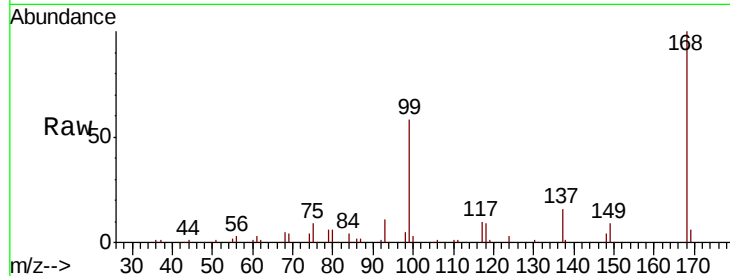
P001-SW001-01

Tot Ion:168 Resp: 86206

Ion Ratio Lower Upper

168 100

99 58.0 46.6 69.8



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

Ion 98.90 (98.60 to 99.60): VU028631.D (-1092) (-)

4.98

40000

30000

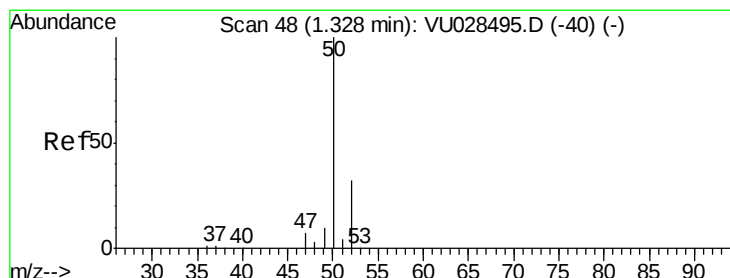
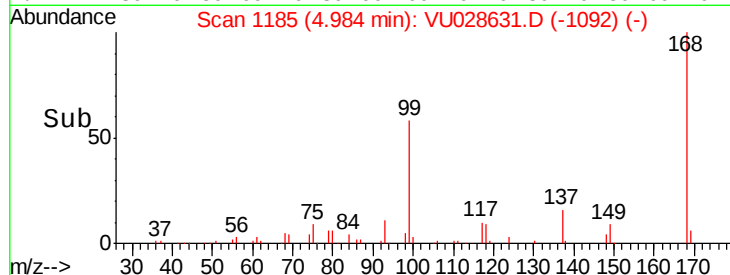
20000

10000

0

4.90 5.00 5.10

Time-->



#3

Chloromethane

Concen: 0.563 ug/l

RT: 1.33 min Scan# 48

Delta R.T. 0.00 min

Lab File: VU028631.D

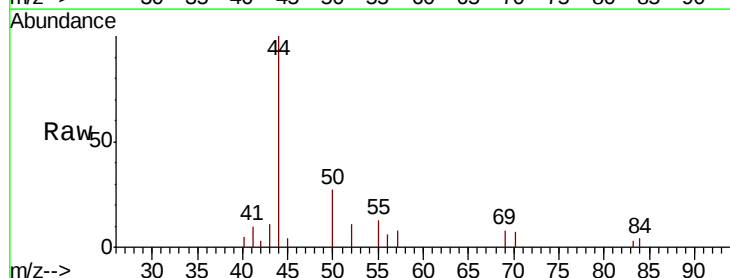
Acq: 12 Dec 2018 00:53

Tgt Ion: 50 Resp: 1195

Ion Ratio Lower Upper

50 100

52 41.4 25.5 38.3#



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

Ion 51.90 (51.60 to 52.60): VU028631.D (-1) (-)

1.33

1000

800

600

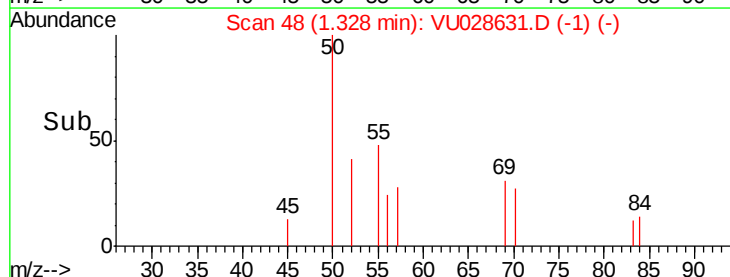
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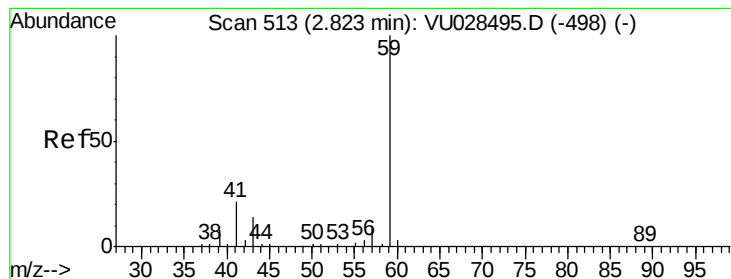
200

0

1.30 1.35

Time-->



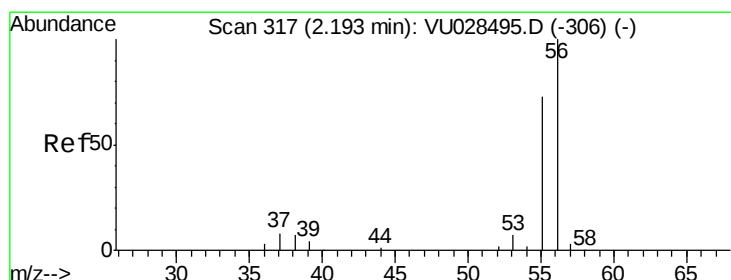
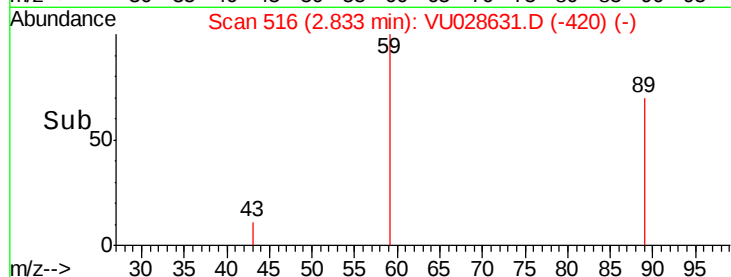
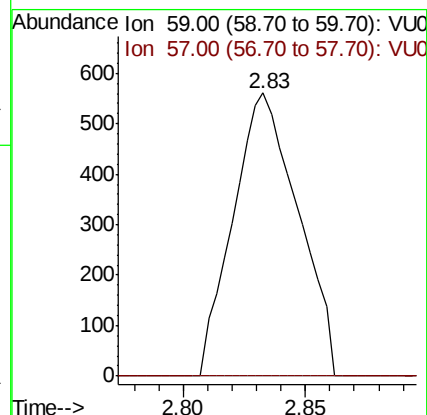
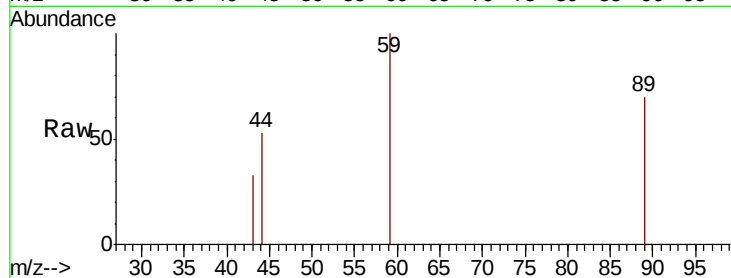


#11

Tert butyl alcohol
 Concen: 3.528 ug/l
 RT: 2.83 min Scan# 516
 Delta R.T. 0.01 min
 Lab File: VU028631.D
 Acq: 12 Dec 2018 00:53

Instrument :
 MSVOA_U
 ClientSampleId :
 P001-SW001-01

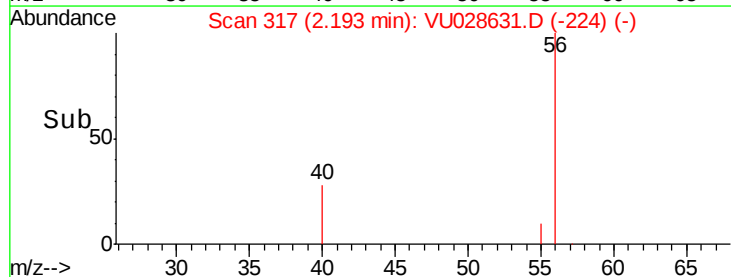
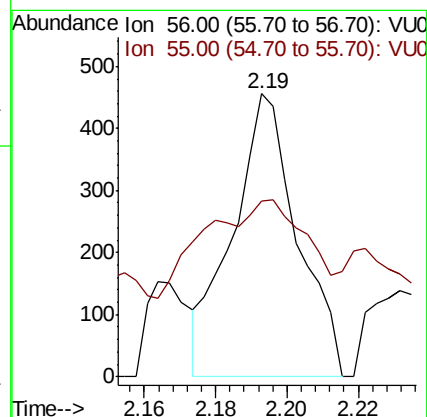
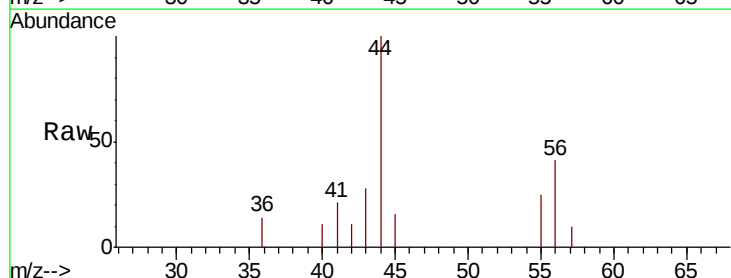
Tot Ion: 59 Resp: 1034
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.0 12.0#

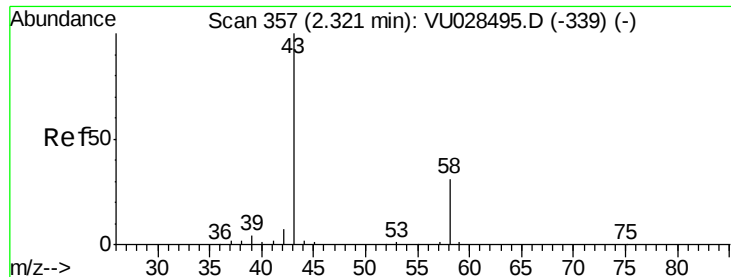


#13

Acrolein
 Concen: 2.444 ug/l
 RT: 2.19 min Scan# 317
 Delta R.T. 0.00 min
 Lab File: VU028631.D
 Acq: 12 Dec 2018 00:53

Tgt Ion: 56 Resp: 571
 Ion Ratio Lower Upper
 56 100
 55 52.7 57.5 86.3#





#16

Acetone

Concen: 2.046 ug/l

RT: 2.32 min Scan# 357

Delta R.T. 0.00 min

Lab File: VU028631.D

Acq: 12 Dec 2018 00:53

Instrument :

MSVOA_U

ClientSampleId :

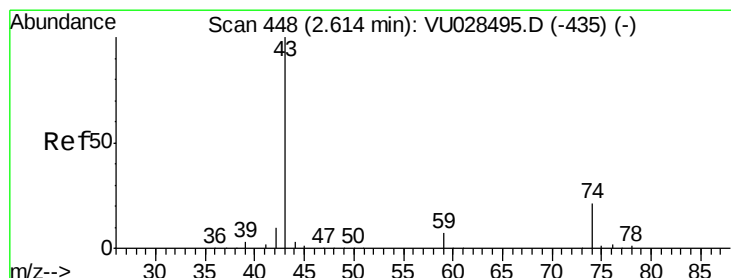
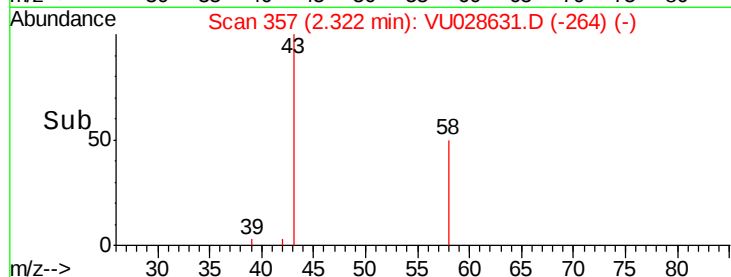
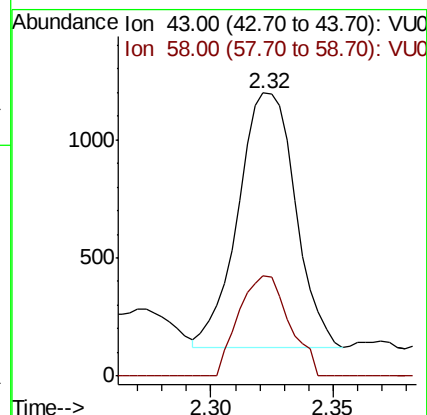
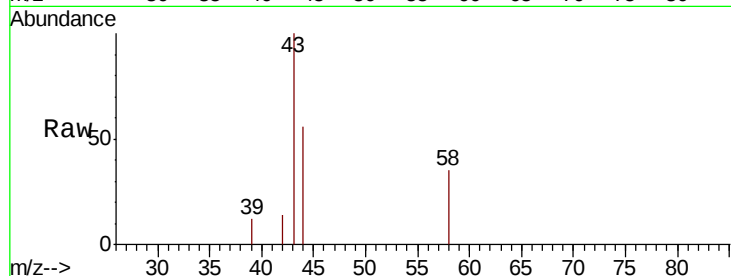
P001-SW001-01

Tot Ion: 43 Resp: 1756

Ion Ratio Lower Upper

43 100

58 39.3 24.6 37.0#



#18

Methyl Acetate

Concen: 2.098 ug/l

RT: 2.62 min Scan# 450

Delta R.T. 0.01 min

Lab File: VU028631.D

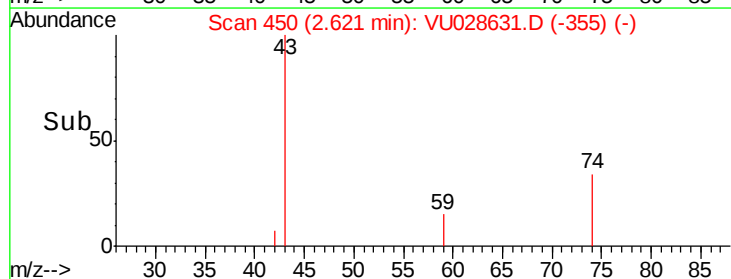
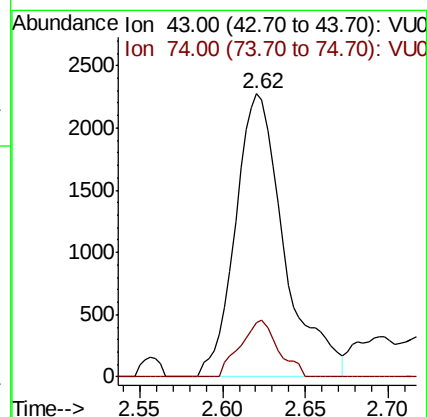
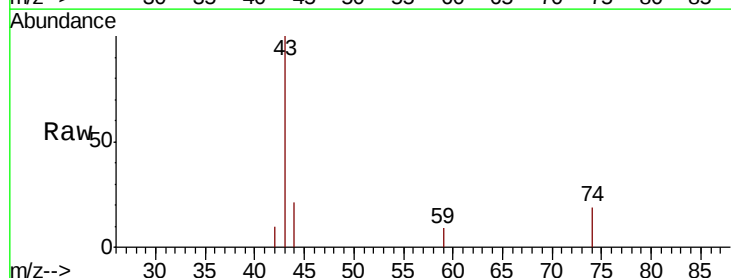
Acq: 12 Dec 2018 00:53

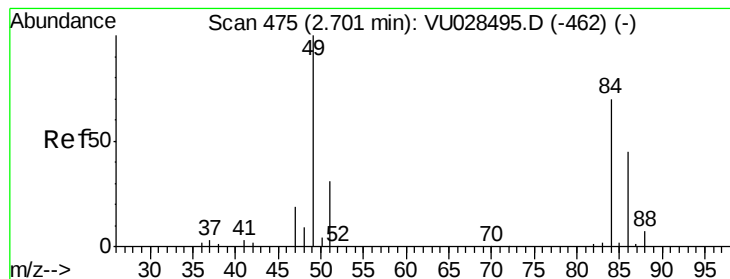
Tgt Ion: 43 Resp: 4668

Ion Ratio Lower Upper

43 100

74 15.6 16.4 24.6#





#20

Methvlene Chloride

Concen: 0.455 ug/l

RT: 2.70 min Scan# 474

Delta R.T. -0.00 min

Lab File: VU028631.D

Acq: 12 Dec 2018 00:53

Instrument :

MSVOA_U

ClientSampleId :

P001-SW001-01

Tot Ion: 84 Resp: 576

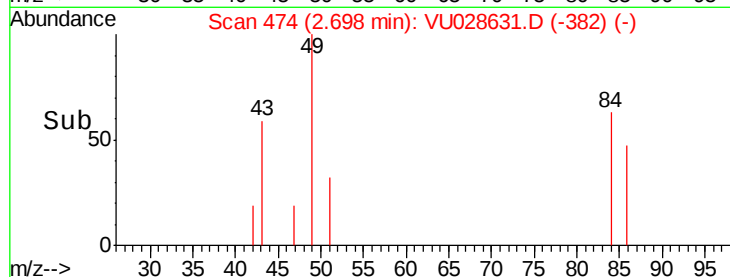
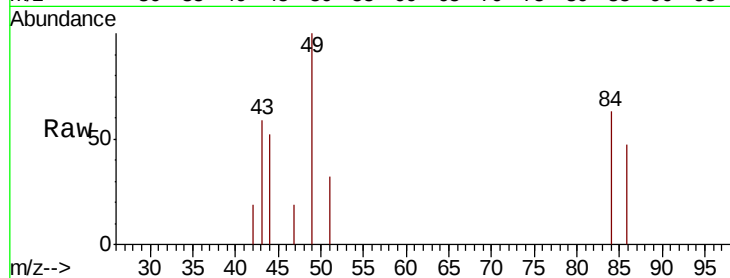
Ion Ratio Lower Upper

84 100

49 157.5 114.0 171.0

51 51.0 35.1 52.7

86 74.6 51.0 76.6

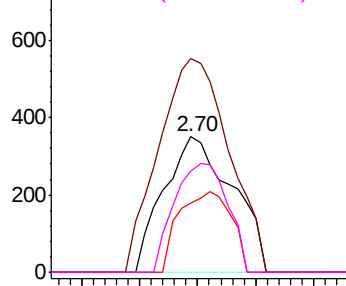


Abundance Ion 83.90 (83.60 to 84.60): VU0

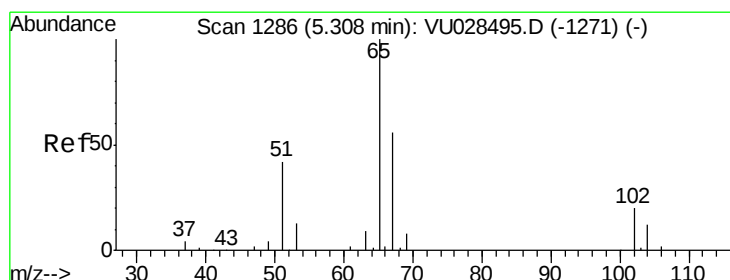
Ion 48.90 (48.60 to 49.60): VU0

Ion 50.90 (50.60 to 51.60): VU0

Ion 85.90 (85.60 to 86.60): VU0



Time-->



#33

1,2-Dichloroethane-d4

Concen: 54.118 ug/l

RT: 5.31 min Scan# 1286

Delta R.T. 0.00 min

Lab File: VU028631.D

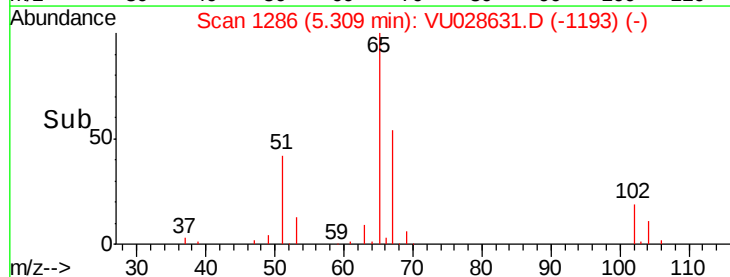
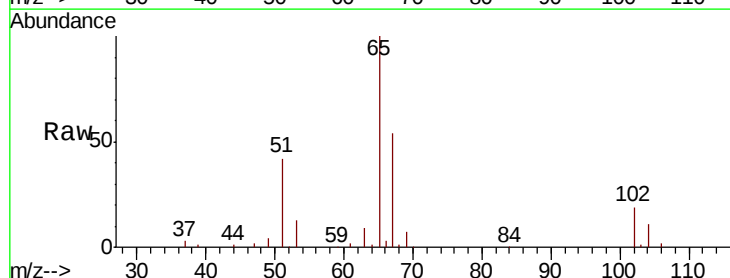
Acq: 12 Dec 2018 00:53

Tgt Ion: 65 Resp: 71195

Ion Ratio Lower Upper

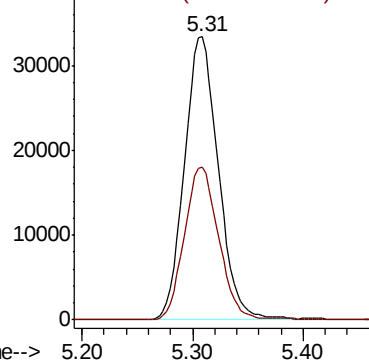
65 100

67 54.6 0.0 110.6

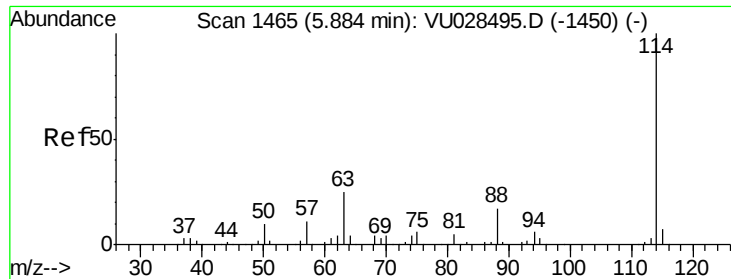


Abundance Ion 64.90 (64.60 to 65.60): VU0

Ion 66.90 (66.60 to 67.60): VU0



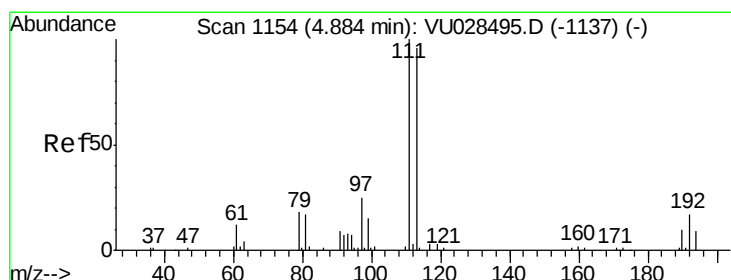
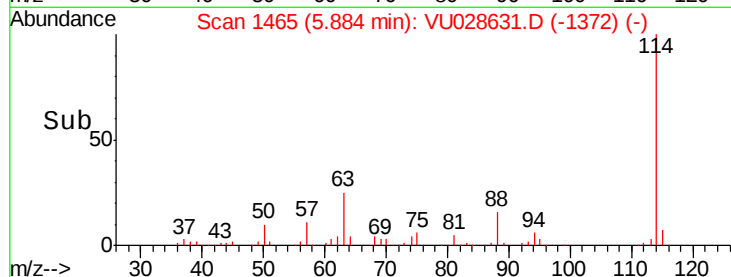
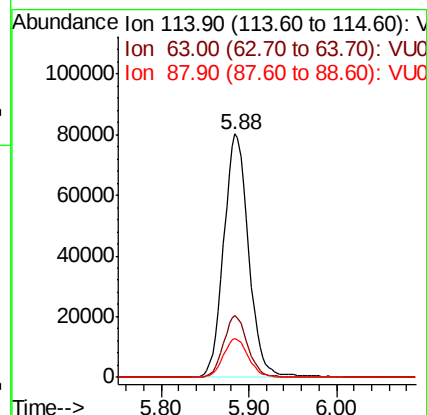
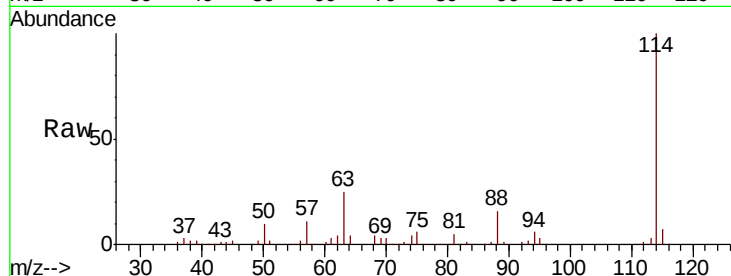
Time-->



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.88 min Scan# 1465
 Delta R.T. 0.00 min
 Lab File: VU028631.D
 Acq: 12 Dec 2018 00:53

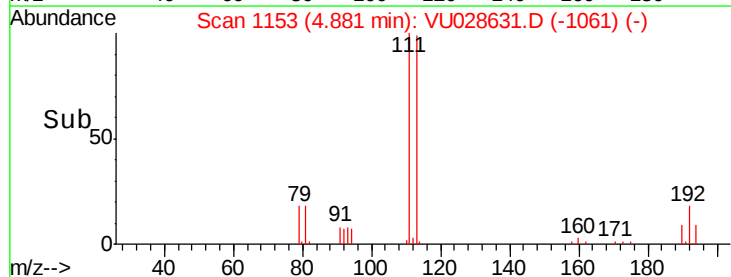
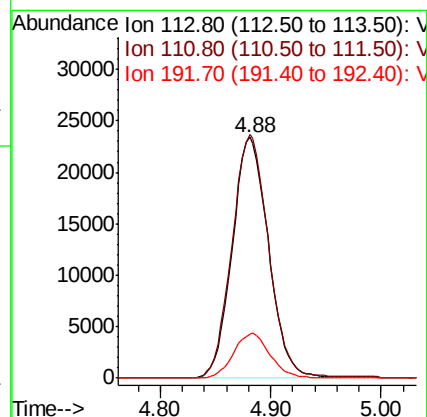
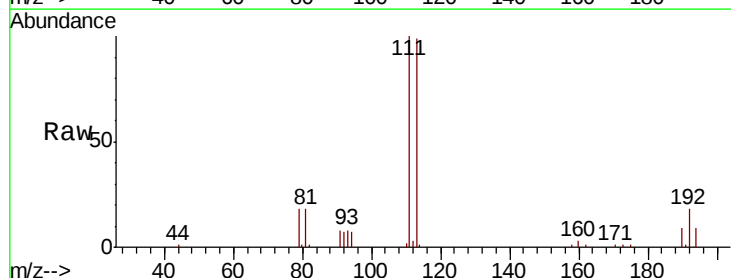
Instrument :
 MSVOA_U
 ClientSampleId :
 P001-SW001-01

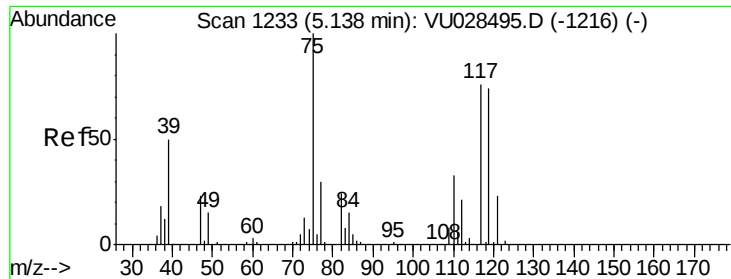
Tot Ion	Ratio	Lower	Upper
114	100		
63	25.4	0.0	49.2
88	16.0	0.0	33.4



#35
 Dibromofluoromethane
 Concen: 53.451 ug/l
 RT: 4.88 min Scan# 1153
 Delta R.T. -0.00 min
 Lab File: VU028631.D
 Acq: 12 Dec 2018 00:53

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.9	83.4	125.0
192	18.5	14.8	22.2

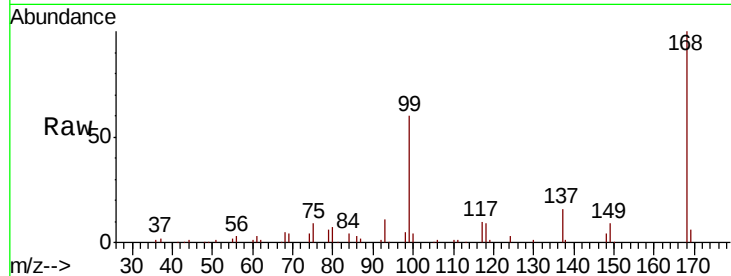




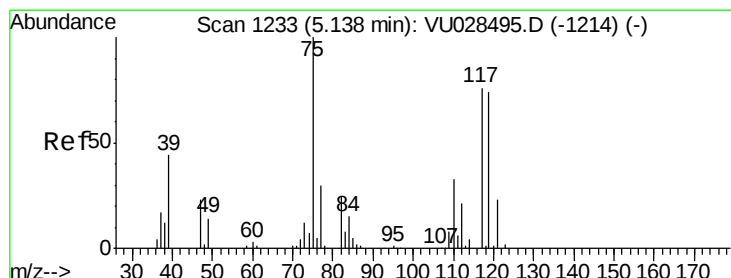
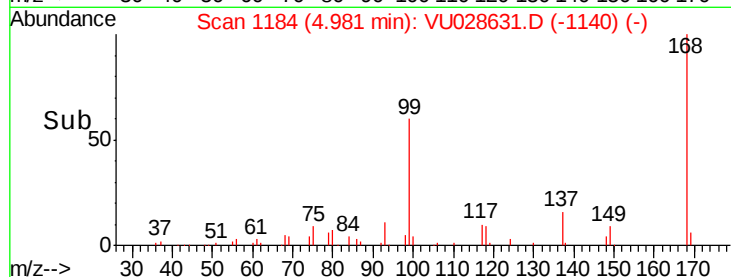
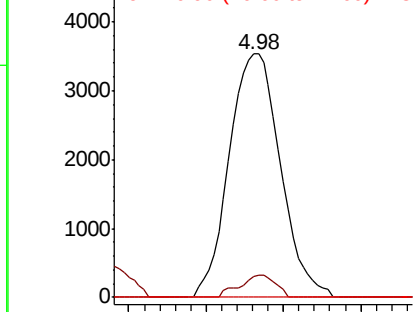
#36
 1,1-Dichloropropene
 Concen: 4.682 ug/l
 RT: 4.98 min Scan# 1184
 Delta R.T. -0.16 min
 Lab File: VU028631.D
 Acq: 12 Dec 2018 00:53

Instrument :
 MSVOA_U
 ClientSampleId :
 P001-SW001-01

Tot Ion	Ratio	Lower	Upper
75	100		
110	6.4	16.1	48.2#
77	0.0	24.5	36.7#

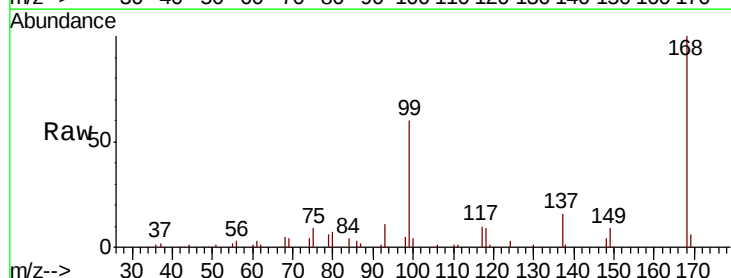


Abundance Ion 74.90 (74.60 to 75.60): VU0
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VU0

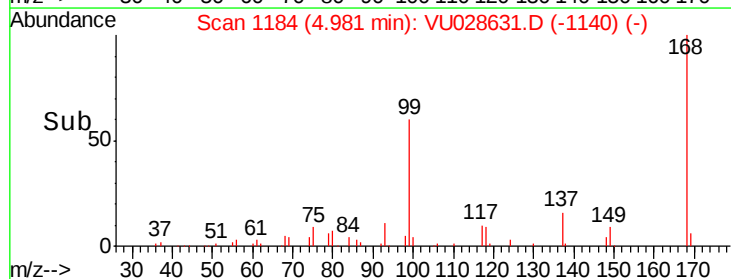
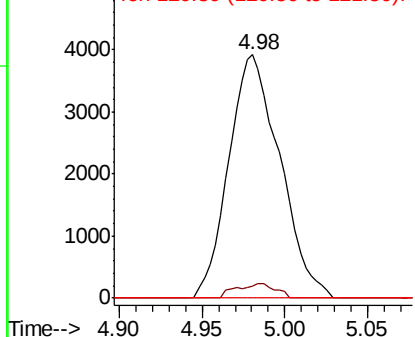


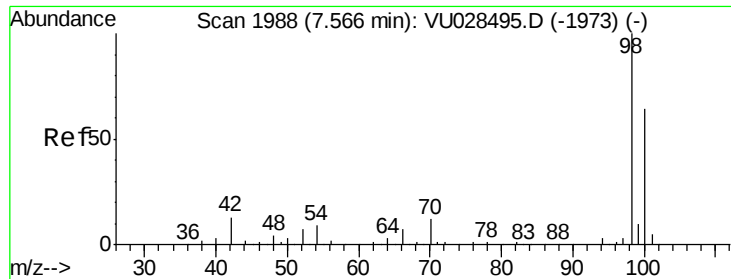
#38
 Carbon Tetrachloride
 Concen: 6.019 ug/l
 RT: 4.98 min Scan# 1184
 Delta R.T. -0.16 min
 Lab File: VU028631.D
 Acq: 12 Dec 2018 00:53

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.1	77.6	116.4#
121	0.0	24.6	36.8#



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

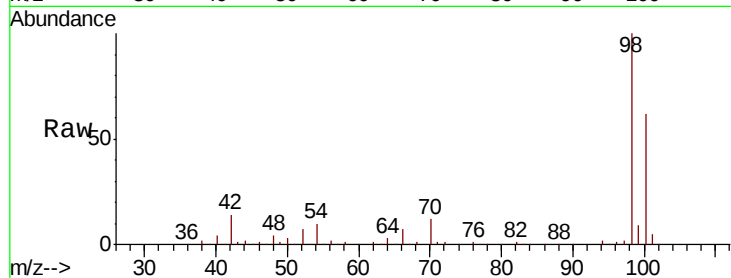




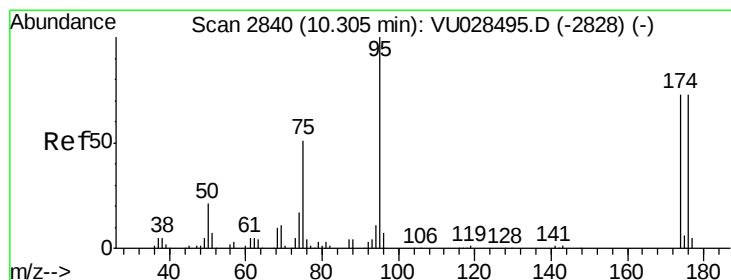
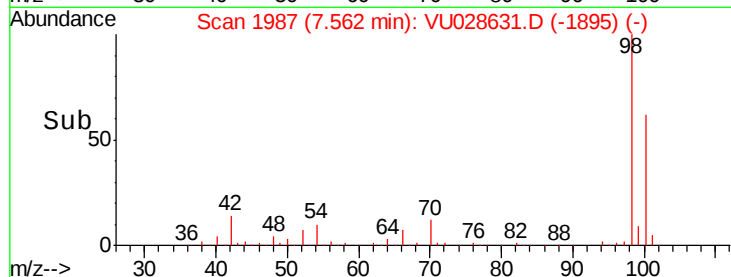
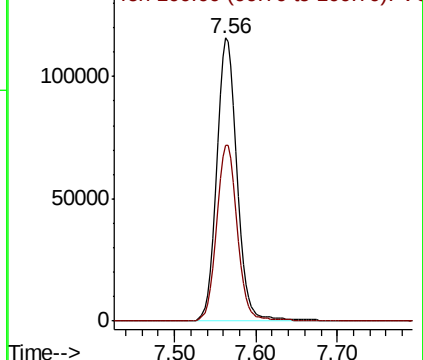
#50
Toluene-d8
Concen: 52.087 ug/l
RT: 7.56 min Scan# 1987
Delta R.T. -0.00 min
Lab File: VU028631.D
Acq: 12 Dec 2018 00:53

Instrument :
MSVOA_U
ClientSampleId :
P001-SW001-01

Tot Ion: 98 Resp: 205700
Ion Ratio Lower Upper
98 100
100 63.2 51.0 76.6

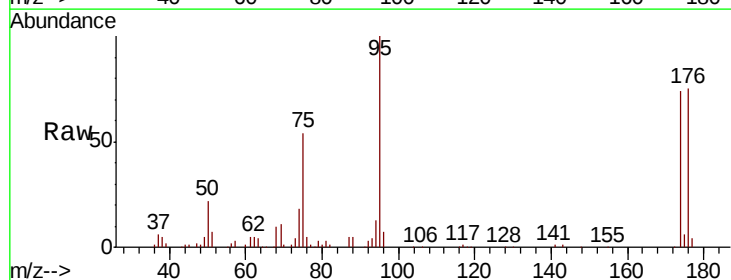


Abundance Ion 98.00 (97.70 to 98.70): VU0
Ion 100.00 (99.70 to 100.70): VU

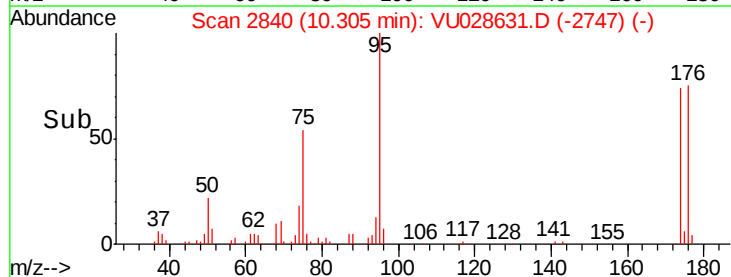
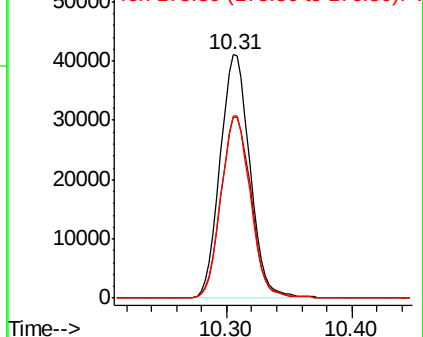


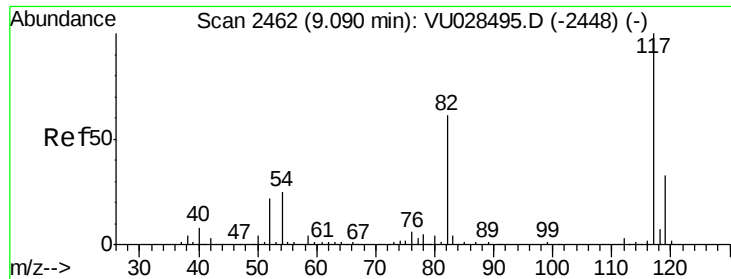
#62
4-Bromofluorobenzene
Concen: 45.889 ug/l
RT: 10.31 min Scan# 2840
Delta R.T. 0.00 min
Lab File: VU028631.D
Acq: 12 Dec 2018 00:53

Tgt Ion: 95 Resp: 67734
Ion Ratio Lower Upper
95 100
174 75.1 0.0 150.4
176 74.1 0.0 145.2



Abundance Ion 94.90 (94.60 to 95.60): VU0
Ion 173.80 (173.50 to 174.50): V
Ion 175.80 (175.50 to 176.50): V

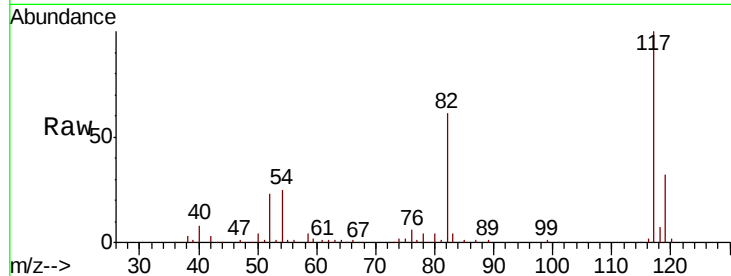




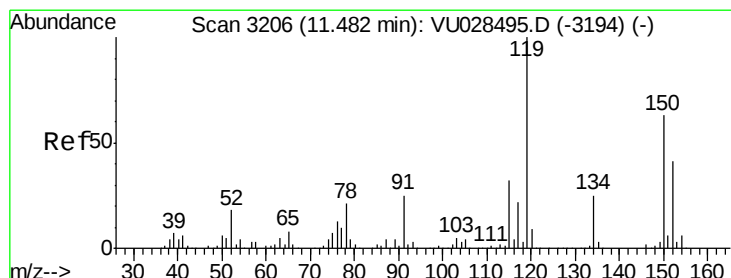
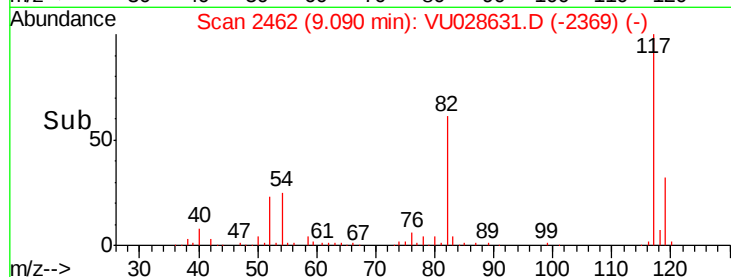
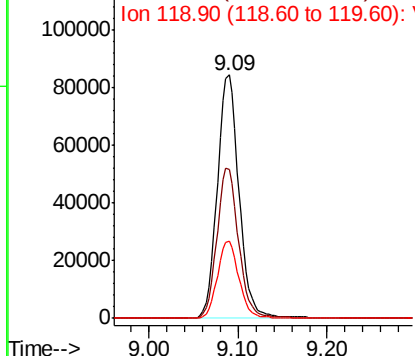
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. 0.00 min
Lab File: VU028631.D
Acq: 12 Dec 2018 00:53

Instrument :
MSVOA_U
ClientSampleId :
P001-SW001-01

Tot Ion:117 Resp: 142442
Ion Ratio Lower Upper
117 100
82 61.0 48.9 73.3
119 31.6 26.2 39.4

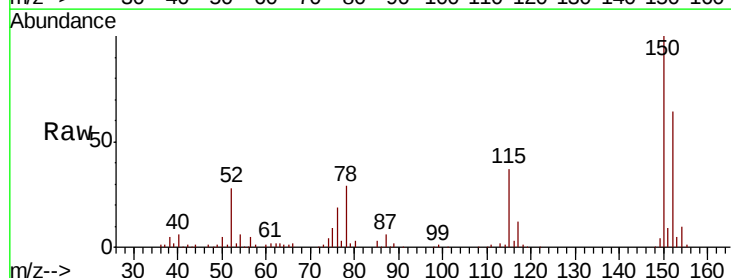


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VU0
Ion 118.90 (118.60 to 119.60): V

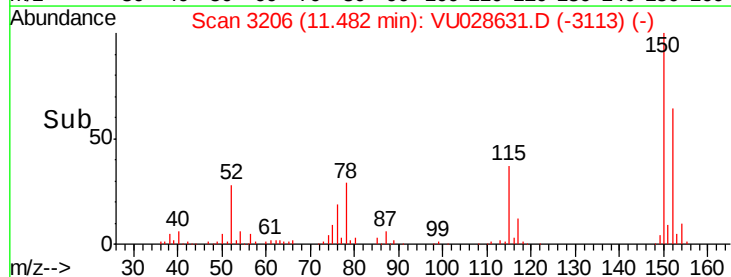
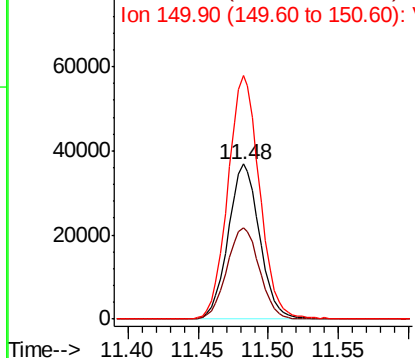


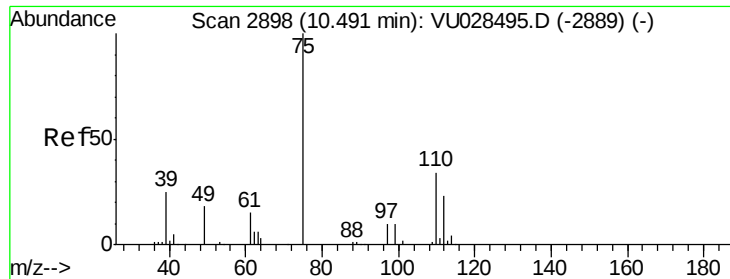
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.48 min Scan# 3206
Delta R.T. 0.00 min
Lab File: VU028631.D
Acq: 12 Dec 2018 00:53

Tgt Ion:152 Resp: 57346
Ion Ratio Lower Upper
152 100
115 61.1 42.7 128.1
150 158.6 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: 24.589 ug/l

RT: 10.31 min Scan# 2840

Delta R.T. -0.19 min

Lab File: VU028631.D

Acq: 12 Dec 2018 00:53

Instrument :

MSVOA_U

ClientSampleId :

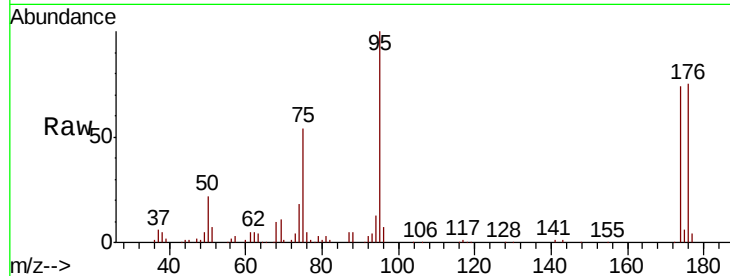
P001-SW001-01

Tot Ion: 75 Resp: 36007

Ion Ratio Lower Upper

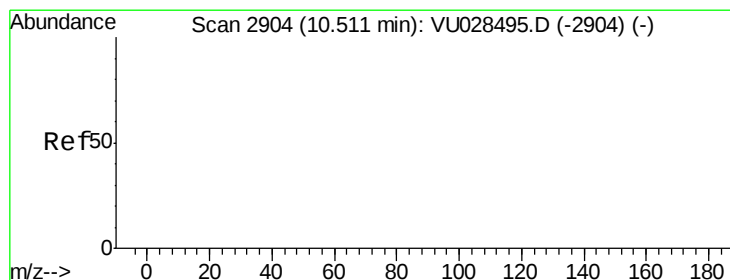
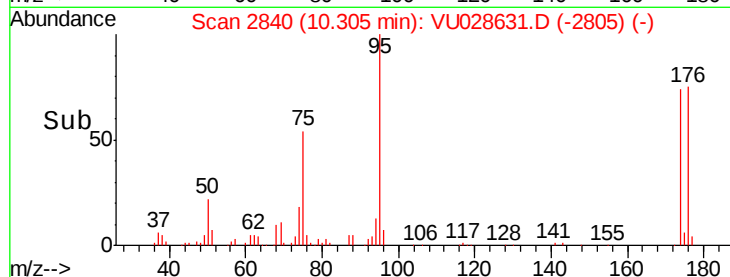
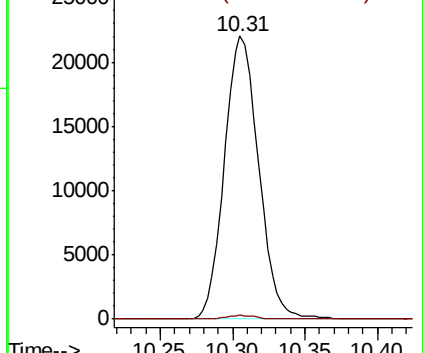
75 100

77 1.0 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: 60.347 ug/l

RT: 10.31 min Scan# 2840

Delta R.T. -0.20 min

Lab File: VU028631.D

Acq: 12 Dec 2018 00:53

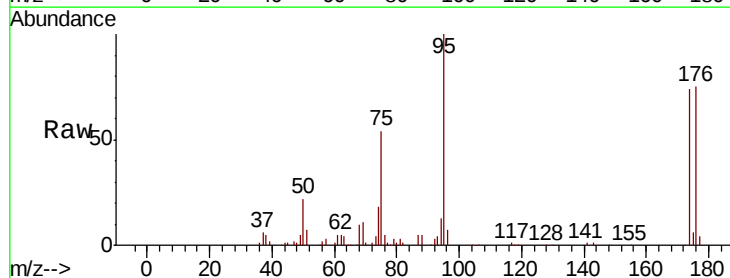
Tgt Ion: 75 Resp: 36007

Ion Ratio Lower Upper

75 100

53 0.0 0.0 0.0

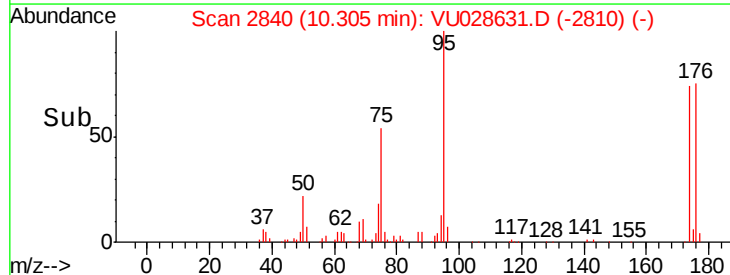
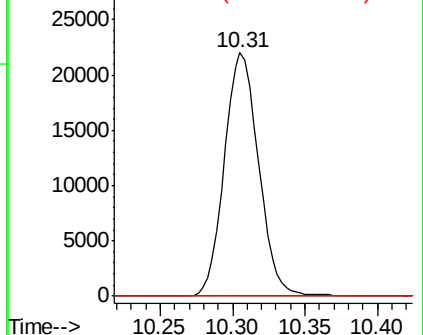
89 0.0 0.0 0.0

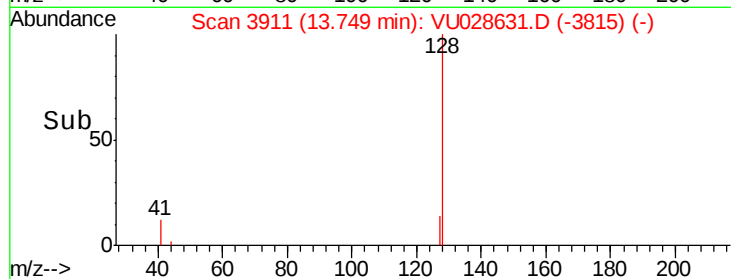
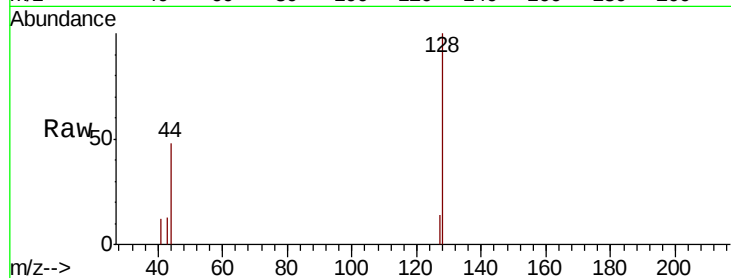
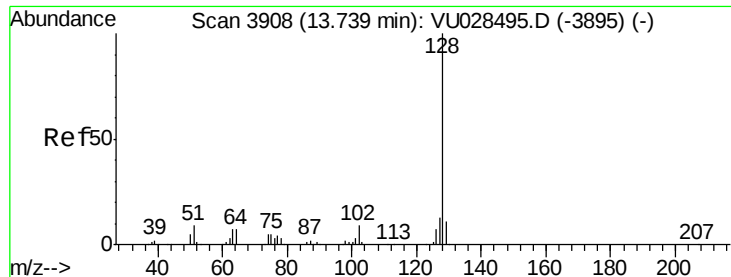


Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 53.00 (52.70 to 53.70): VU0

Ion 88.90 (88.60 to 89.60): VU0





#95

Napthalene

Concen: 0.353 ug/l

RT: 13.75 min Scan# 3911

Delta R.T. 0.01 min

Lab File: VU028631.D

Acq: 12 Dec 2018 00:53

Instrument :

MSVOA_U

ClientSampleId :

P001-SW001-01

Tot Ion:128 Resp: 1646

Ion Ratio Lower Upper

128 100

127 10.0 10.4 15.6#

129 0.0 8.6 13.0#

