

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U121718\
 Data File : VU028755.D
 Acq On : 18 Dec 2018 05:59
 Operator : MD/SY
 Sample : J6411-14DL 10X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 18 07:40:26 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	88210	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.88	114	154431	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	137569	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	56771	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	70656	52.49	ug/l	0.00
Spiked Amount			Recovery	=	104.98%	
35) Dibromofluoromethane	4.88	113	52940	54.47	ug/l	0.00
Spiked Amount			Recovery	=	108.94%	
50) Toluene-d8	7.56	98	200387	52.12	ug/l	0.00
Spiked Amount			Recovery	=	104.24%	
62) 4-Bromofluorobenzene	10.30	95	67521	46.99	ug/l	0.00
Spiked Amount			Recovery	=	93.98%	

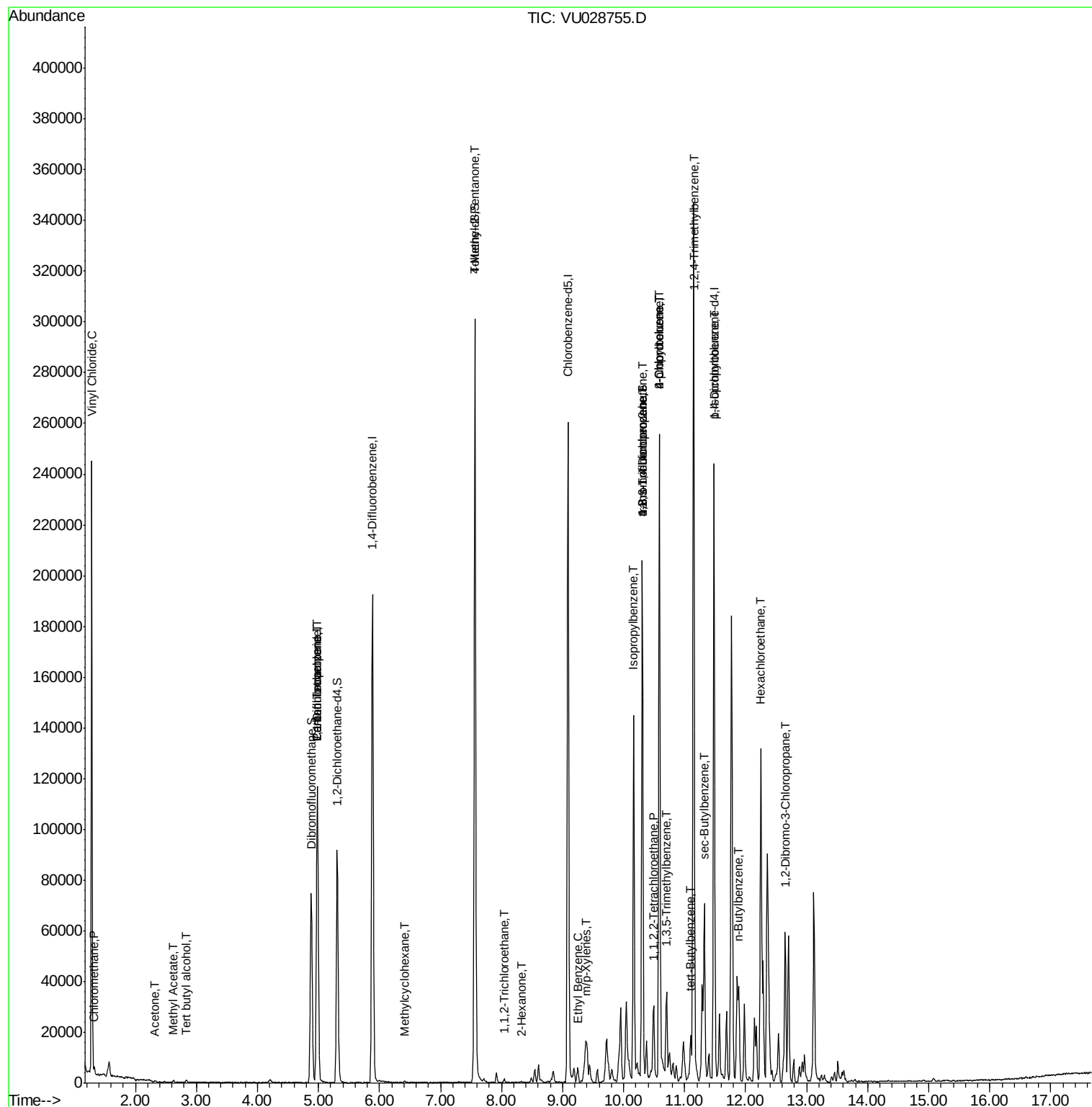
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.33	50	2124	0.977	ug/l	97
4) Vinyl Chloride	1.29	62	2213	1.411	ug/l #	43
11) Tert butyl alcohol	2.84	59	592	1.974	ug/l #	73
16) Acetone	2.32	43	496	0.565	ug/l	92
18) Methyl Acetate	2.62	43	1159	0.509	ug/l #	68
31) Cyclohexane	4.98	56	2148	Below Cal	#	1
36) 1,1-Dichloropropene	4.98	75	7817	4.626	ug/l #	50
38) Carbon Tetrachloride	4.98	117	8777	6.444	ug/l #	15
39) Methylcyclohexane	6.42	83	447	0.217	ug/l #	47
51) 4-Methyl-2-Pentanone	7.56	43	1055	0.484	ug/l #	1
55) 1,1,2-Trichloroethane	8.04	97	597	0.516	ug/l #	14
59) 2-Hexanone	8.32	43	472	0.273	ug/l #	26
67) Ethyl Benzene	9.25	91	2166	0.402	ug/l	94
68) m/p-Xylenes	9.38	106	2545	1.298	ug/l	94
73) Isopropylbenzene	10.17	105	88430	20.300	ug/l	100
75) 1,1,2,2-Tetrachloroethane	10.49	83	1849	1.105	ug/l #	25
76) 1,2,3-Trichloropropane	10.30	75	35146	24.244	ug/l #	35
78) n-propylbenzene	10.58	91	196443	36.291	ug/l	99
79) 2-Chlorotoluene	10.58	91	196443	63.002	ug/l #	43
80) 1,3,5-Trimethylbenzene	10.71	105	13967	3.873	ug/l	75
81) trans-1,4-Dichloro-2-buten	10.30	75	35146	59.508	ug/l #	100
82) 4-Chlorotoluene	10.58	91	196443	53.166	ug/l #	47
83) tert-Butylbenzene	11.10	119	7742	2.227	ug/l	92
84) 1,2,4-Trimethylbenzene	11.15	105	178529	48.040	ug/l	99
85) sec-Butylbenzene	11.32	105	44619	9.993	ug/l	97
86) p-Isopropyltoluene	11.48	119	3543	0.934	ug/l	90
89) n-Butylbenzene	11.89	91	21500	5.601	ug/l #	79
90) Hexachloroethane	12.25	117	6948	12.119	ug/l #	11
92) 1,2-Dibromo-3-Chloropropan	12.65	75	196	0.541	ug/l #	6

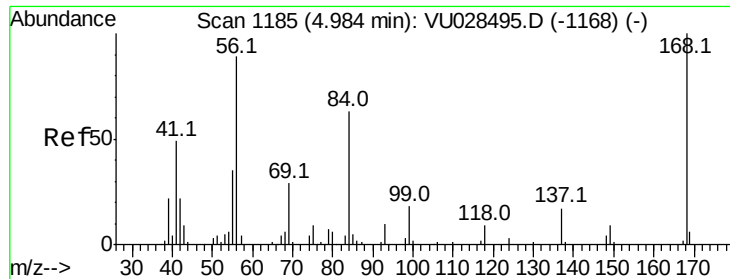
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.98 min Scan# 1185

Delta R.T. -0.00 min

Lab File: VU028755.D

Acq: 18 Dec 2018 05:59

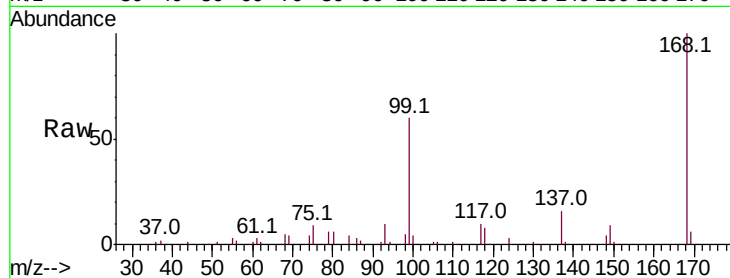
Instrument :
MSVOA_U
ClientSampleId :

Tot Ion:168 Resp: 88210

Ion Ratio Lower Upper

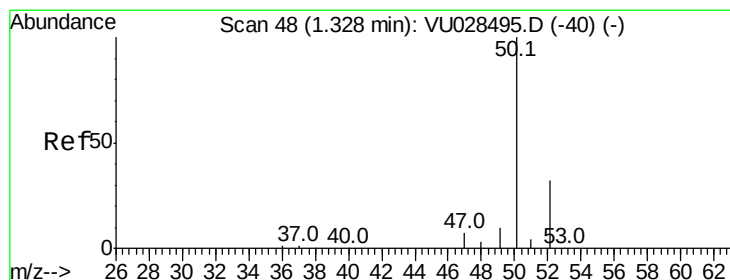
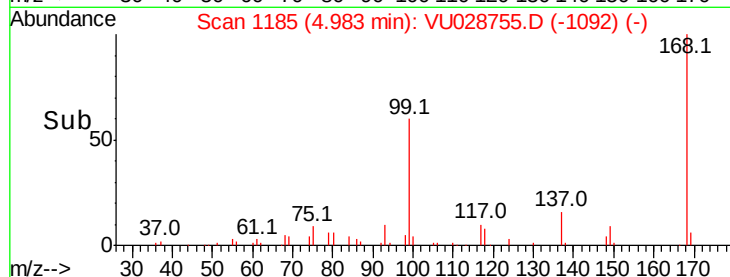
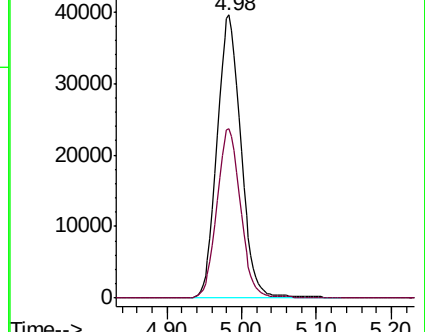
168 100

99 59.7 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) (-)



#3

Chloromethane

Concen: 0.977 ug/l

RT: 1.33 min Scan# 48

Delta R.T. -0.00 min

Lab File: VU028755.D

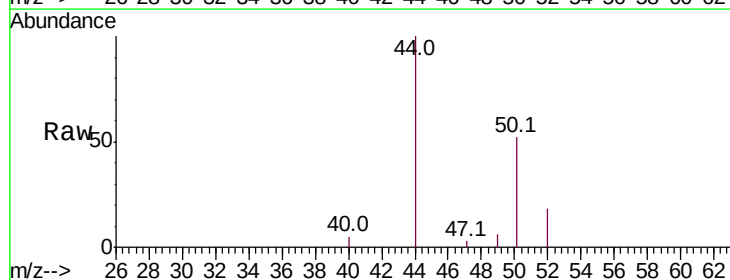
Acq: 18 Dec 2018 05:59

Tgt Ion: 50 Resp: 2124

Ion Ratio Lower Upper

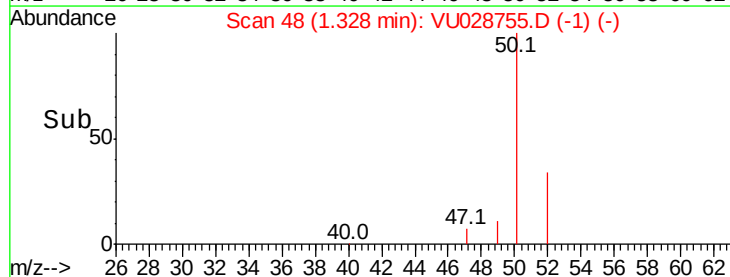
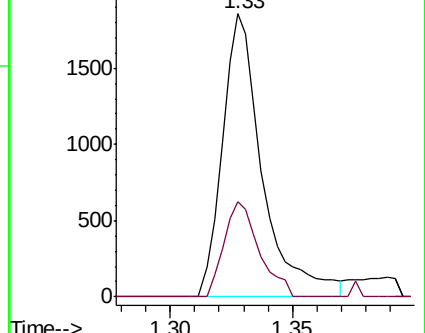
50 100

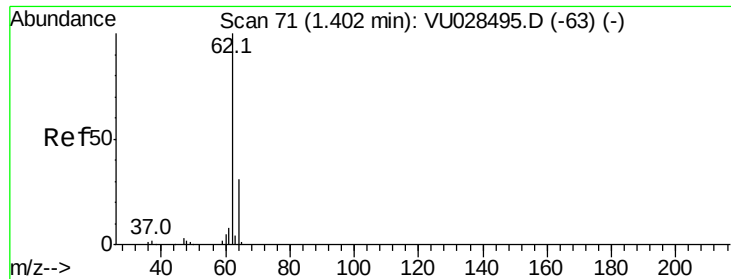
52 33.8 25.5 38.3



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

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





#4

Vinyl Chloride

Concen: 1.411 ug/l

RT: 1.29 min Scan# 35

Delta R.T. -0.12 min

Lab File: VU028755.D

Acq: 18 Dec 2018 05:59

Instrument :

MSVOA_U

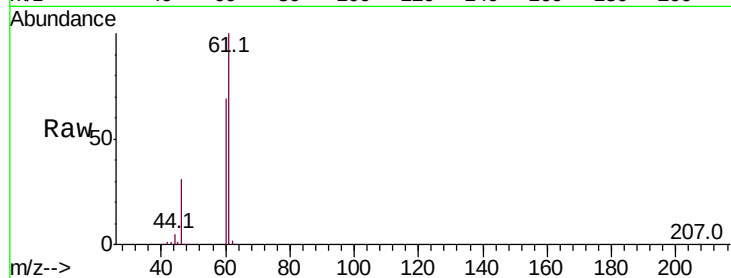
ClientSampleId :

Tot Ion: 62 Resp: 2213

Ion Ratio Lower Upper

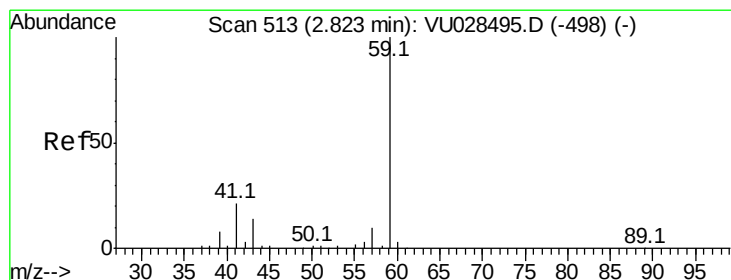
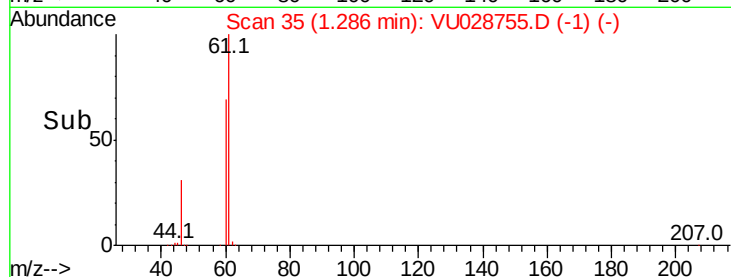
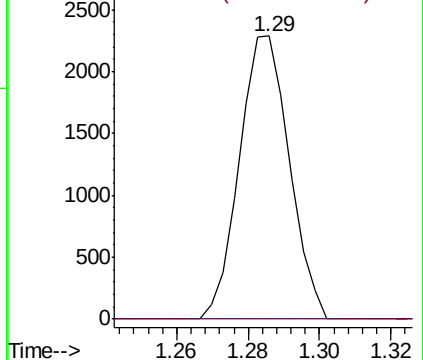
62 100

64 0.0 25.1 37.7#



Abundance Ion 61.90 (61.60 to 62.60): VU0

Ion 63.90 (63.60 to 64.60): VU0



#11

Tert butyl alcohol

Concen: 1.974 ug/l

RT: 2.84 min Scan# 518

Delta R.T. 0.02 min

Lab File: VU028755.D

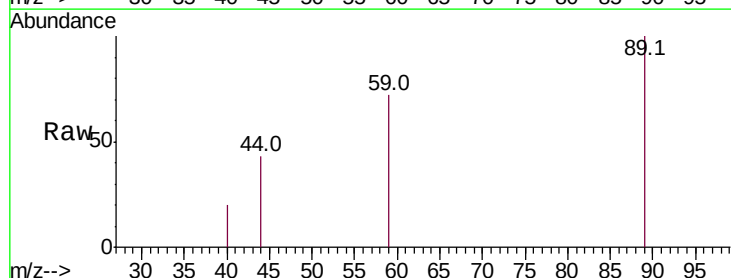
Acq: 18 Dec 2018 05:59

Tgt Ion: 59 Resp: 592

Ion Ratio Lower Upper

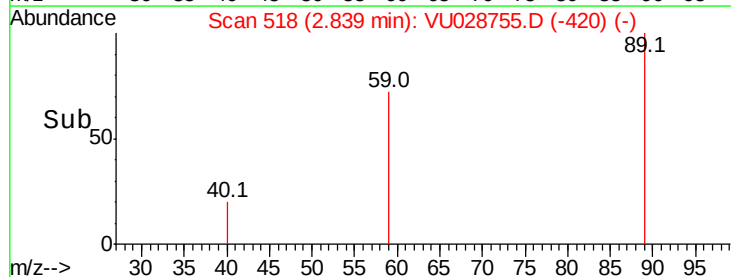
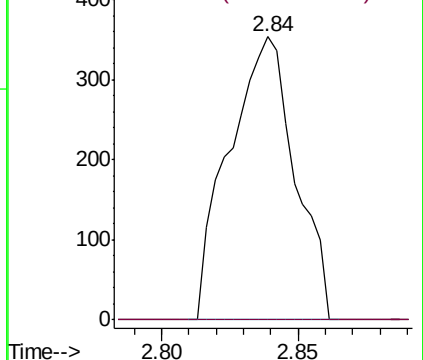
59 100

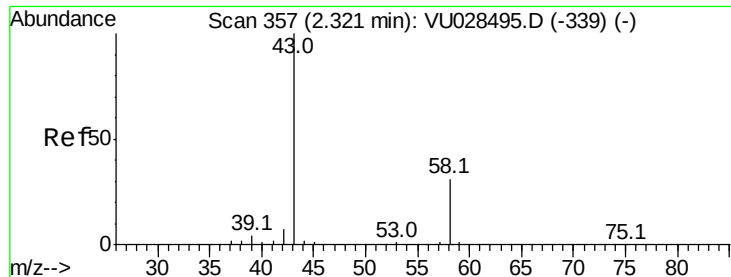
57 0.0 8.0 12.0#



Abundance Ion 59.00 (58.70 to 59.70): VU0

Ion 57.00 (56.70 to 57.70): VU0





#16

Acetone

Concen: 0.565 ug/l

RT: 2.32 min Scan# 358

Delta R.T. 0.00 min

Lab File: VU028755.D

Acq: 18 Dec 2018 05:59

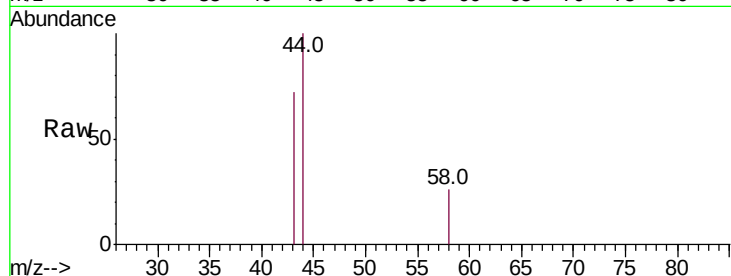
Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 43 Resp: 496

Ion Ratio Lower Upper

43 100

58 35.4 24.6 37.0



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

2.32

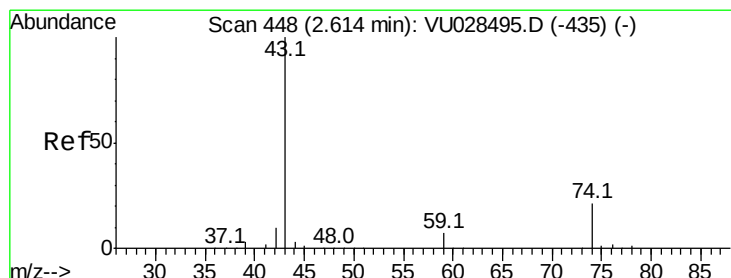
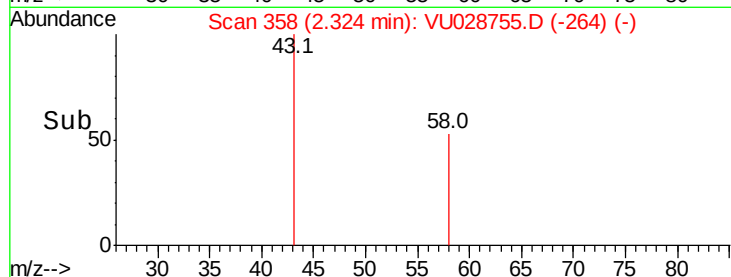
300

200

100

0

Time--> 2.28 2.30 2.32 2.34 2.36



#18

Methyl Acetate

Concen: 0.509 ug/l

RT: 2.62 min Scan# 451

Delta R.T. 0.01 min

Lab File: VU028755.D

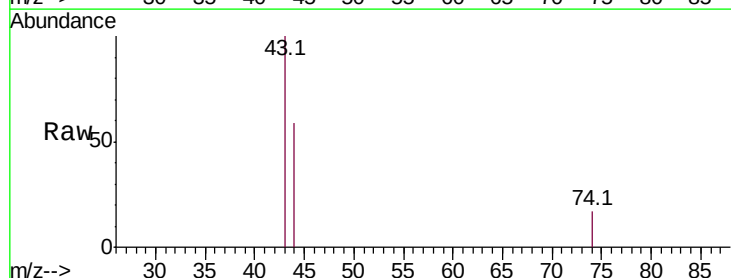
Acq: 18 Dec 2018 05:59

Tgt Ion: 43 Resp: 1159

Ion Ratio Lower Upper

43 100

74 5.8 16.4 24.6#



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 74.00 (73.70 to 74.70): VU0

2.62

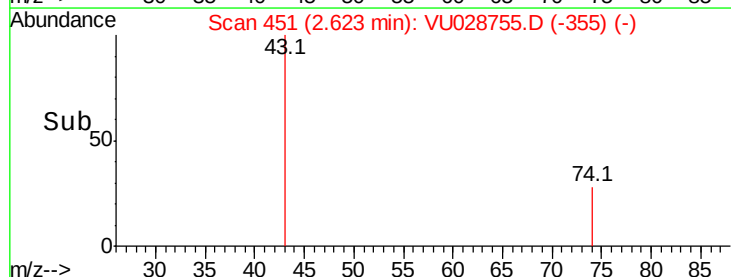
600

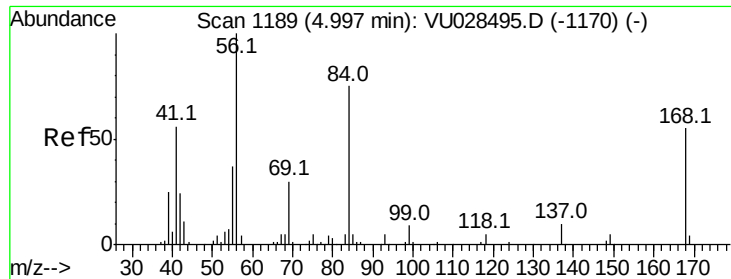
400

200

0

Time--> 2.60 2.62 2.64 2.66

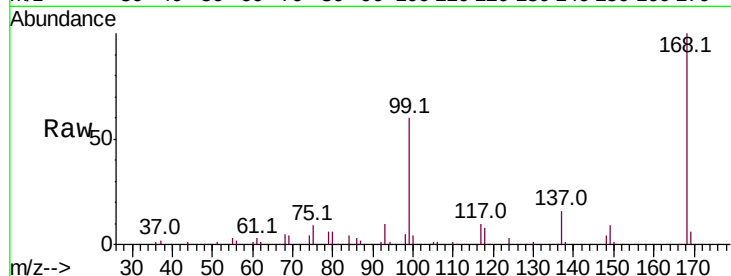




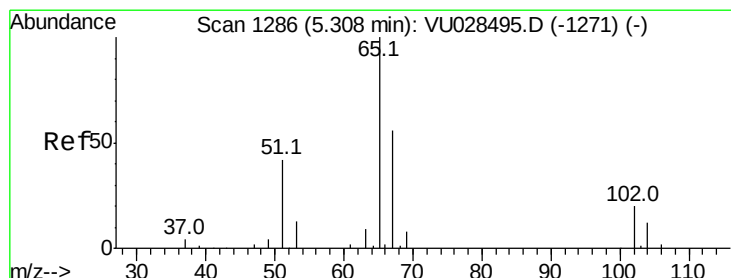
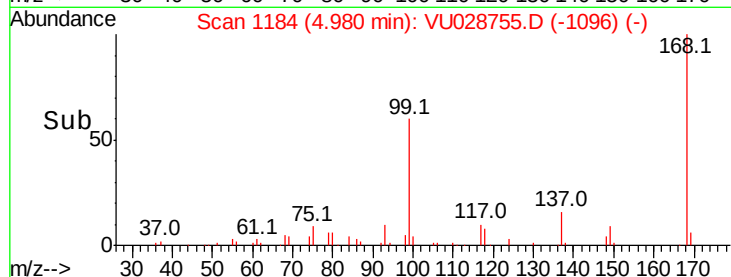
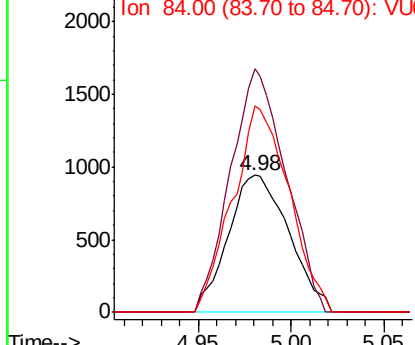
#31
Cyclohexane
Concen: Below Cal
RT: 4.98 min Scan# 1184
Delta R.T. -0.02 min
Lab File: VU028755.D
Acq: 18 Dec 2018 05:59

Instrument :
MSVOA_U
ClientSampled :

Tot Ion: 56 Resp: 2148
Ion Ratio Lower Upper
56 100
69 177.8 24.0 36.0#
84 150.7 59.7 89.5#

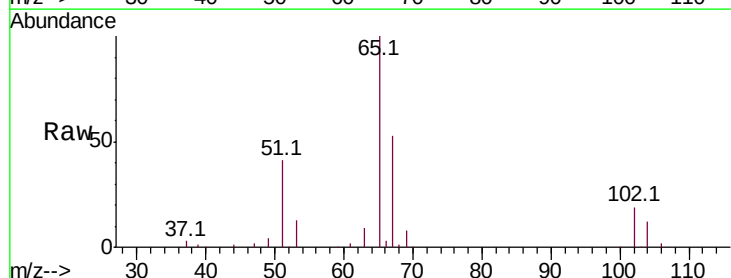


Abundance Ion 56.00 (55.70 to 56.70): VU0
Ion 69.00 (68.70 to 69.70): VU0
Ion 84.00 (83.70 to 84.70): VU0

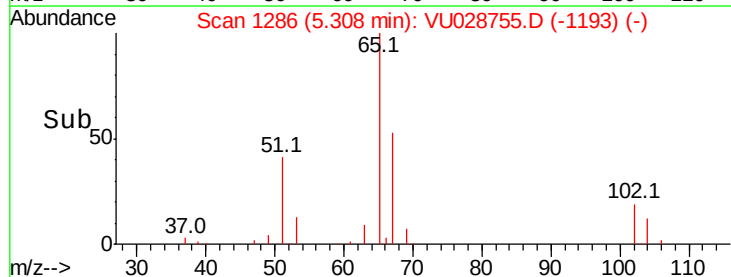
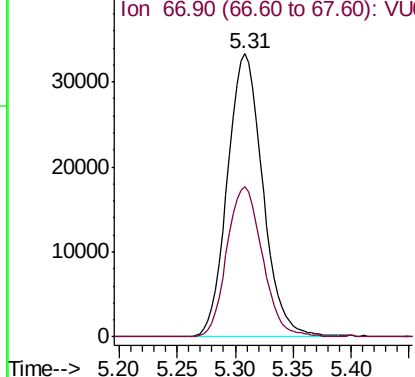


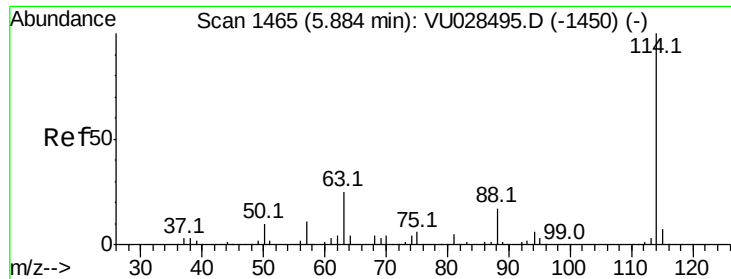
#33
1,2-Dichloroethane-d4
Concen: 52.488 ug/l
RT: 5.31 min Scan# 1286
Delta R.T. -0.00 min
Lab File: VU028755.D
Acq: 18 Dec 2018 05:59

Tgt Ion: 65 Resp: 70656
Ion Ratio Lower Upper
65 100
67 53.3 0.0 110.6



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

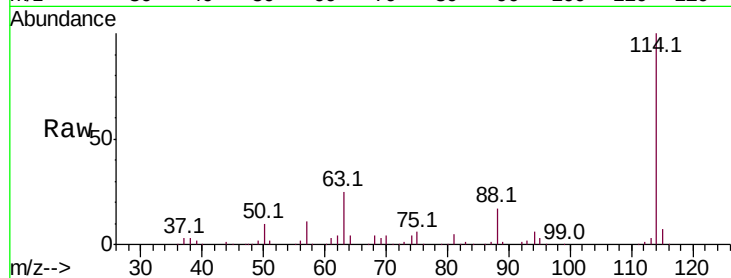




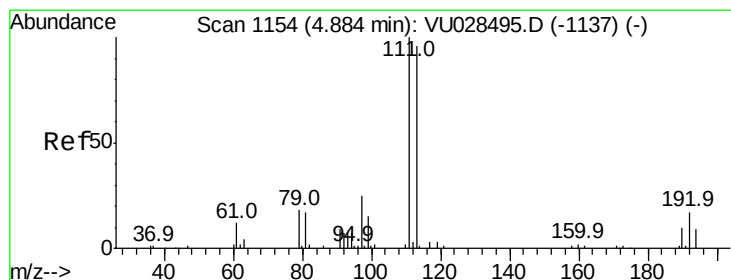
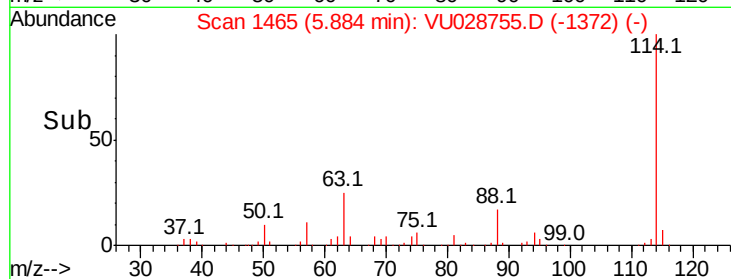
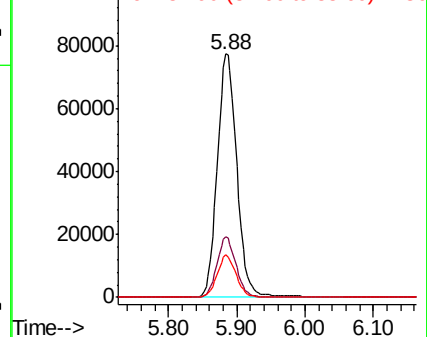
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.88 min Scan# 1465
 Delta R.T. -0.00 min
 Lab File: VU028755.D
 Acq: 18 Dec 2018 05:59

Instrument :
 MSVOA_U
 ClientSampled :

Tot Ion:114 Resp: 154431
 Ion Ratio Lower Upper
 114 100
 63 24.9 0.0 49.2
 88 17.3 0.0 33.4

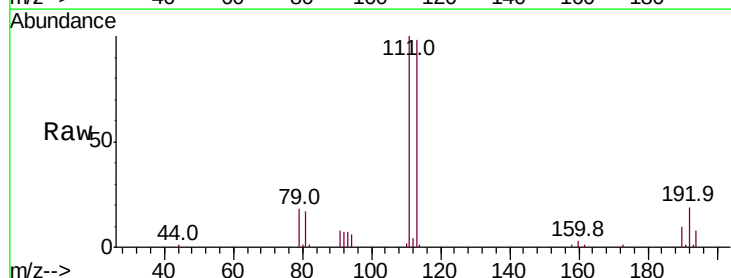


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VU0
 Ion 87.90 (87.60 to 88.60): VU0

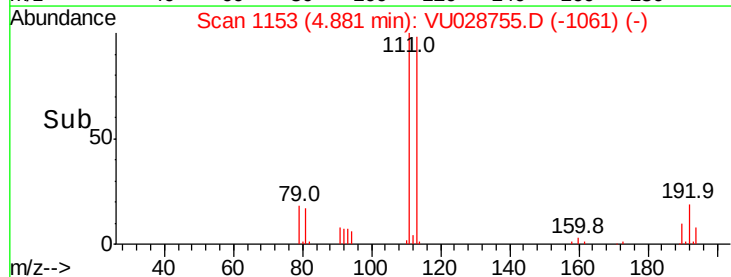
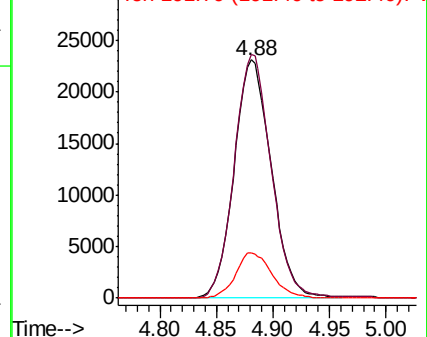


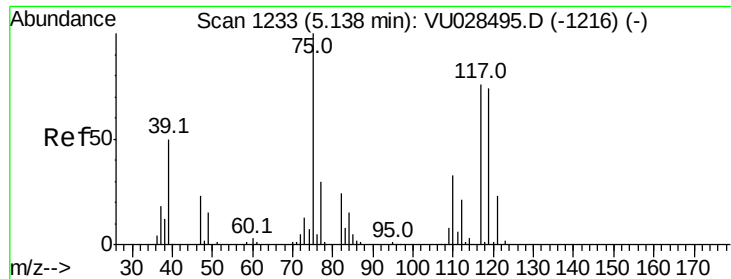
#35
 Dibromofluoromethane
 Concen: 54.474 ug/l
 RT: 4.88 min Scan# 1153
 Delta R.T. -0.00 min
 Lab File: VU028755.D
 Acq: 18 Dec 2018 05:59

Tgt Ion:113 Resp: 52940
 Ion Ratio Lower Upper
 113 100
 111 101.5 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

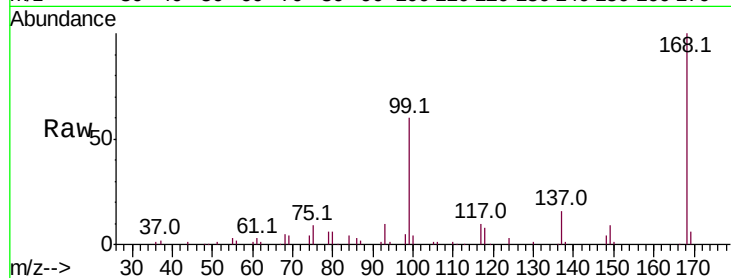




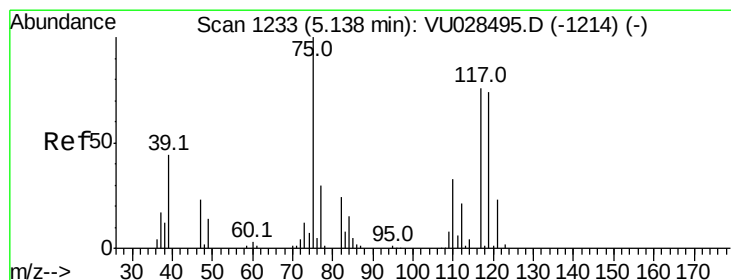
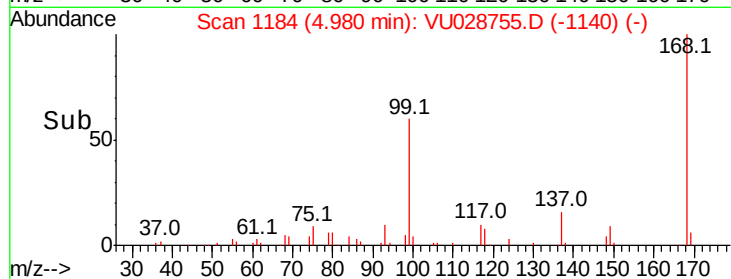
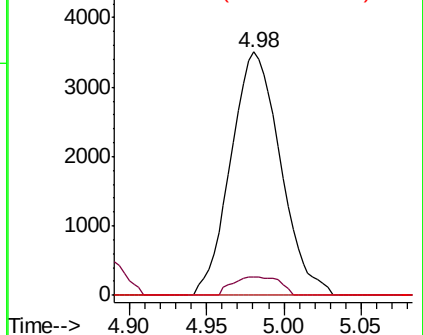
#36
 1,1-Dichloropropene
 Concen: 4.626 ug/l
 RT: 4.98 min Scan# 1184
 Delta R.T. -0.16 min
 Lab File: VU028755.D
 Acq: 18 Dec 2018 05:59

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
75	100		
110	7.2	16.1	48.2#
77	0.0	24.5	36.7#

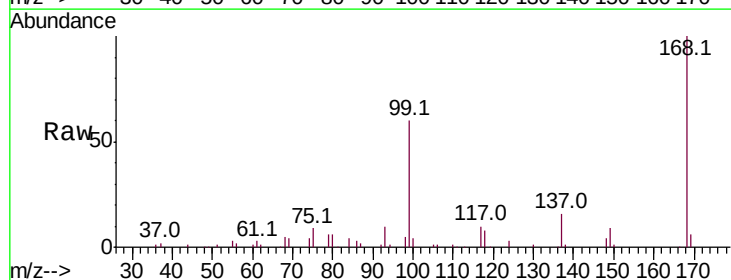


Abundance Ion 74.90 (74.60 to 75.60): VU028495.D (-1216) (-)
 Ion 109.90 (109.60 to 110.60): VU028495.D (-1216) (-)
 Ion 76.90 (76.60 to 77.60): VU028495.D (-1216) (-)

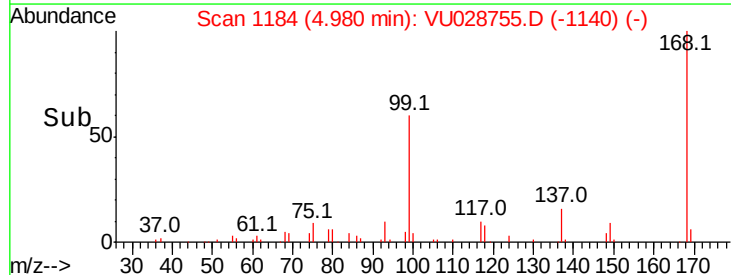
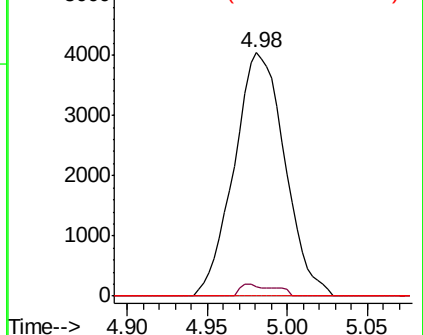


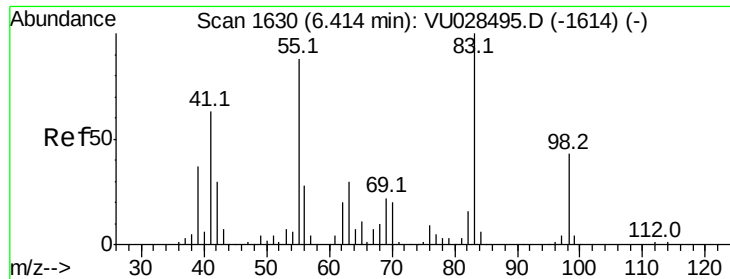
#38
 Carbon Tetrachloride
 Concen: 6.444 ug/l
 RT: 4.98 min Scan# 1184
 Delta R.T. -0.16 min
 Lab File: VU028755.D
 Acq: 18 Dec 2018 05:59

Tgt Ion	Ratio	Lower	Upper
117	100		
119	4.1	77.6	116.4#
121	0.0	24.6	36.8#



Abundance Ion 116.80 (116.50 to 117.50): VU028495.D (-1214) (-)
 Ion 118.80 (118.50 to 119.50): VU028495.D (-1214) (-)
 Ion 120.80 (120.50 to 121.50): VU028495.D (-1214) (-)

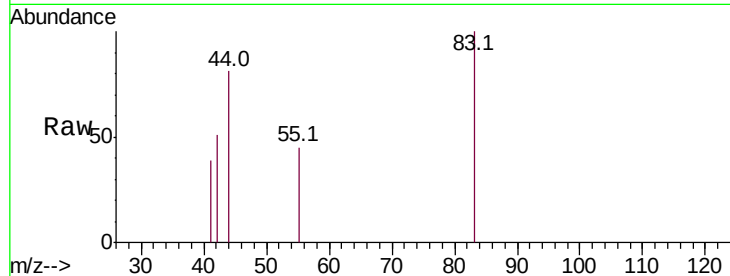




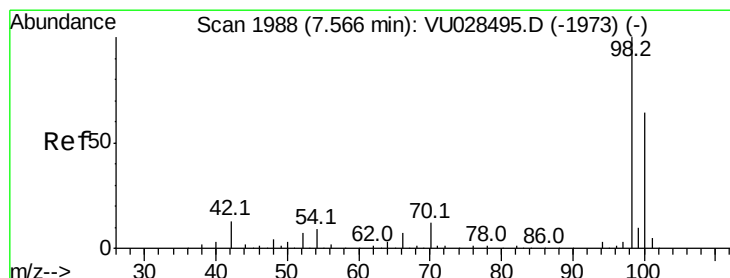
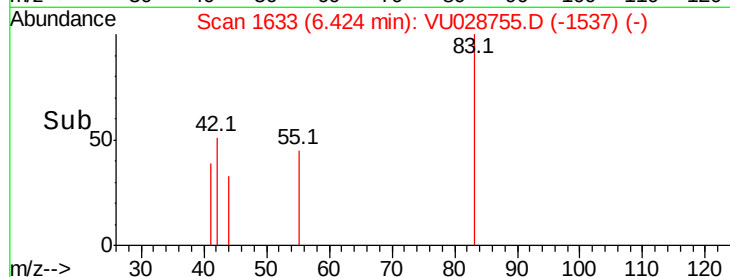
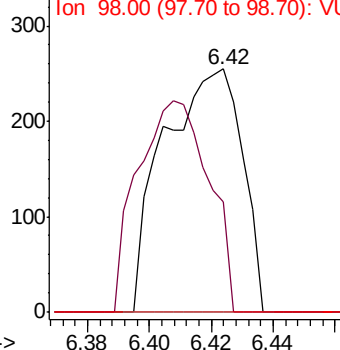
#39
Methylcyclohexane
Concen: 0.217 ug/l
RT: 6.42 min Scan# 1633
Delta R.T. 0.01 min
Lab File: VU028755.D
Acq: 18 Dec 2018 05:59

Instrument :
MSVOA_U
ClientSampled :

Tot Ion: 83 Resp: 447
Ion Ratio Lower Upper
83 100
55 45.1 70.2 105.2#
98 0.0 34.2 51.4#

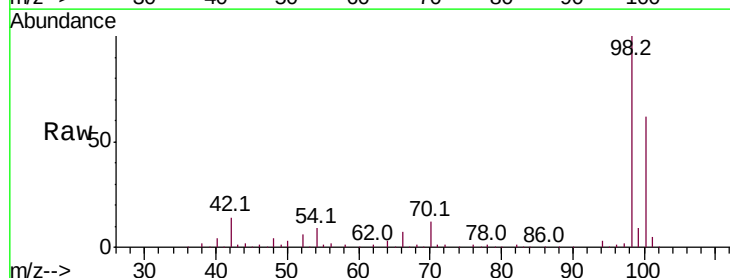


Abundance Ion 83.00 (82.70 to 83.70): VU0
Ion 55.00 (54.70 to 55.70): VU0
Ion 98.00 (97.70 to 98.70): VU0

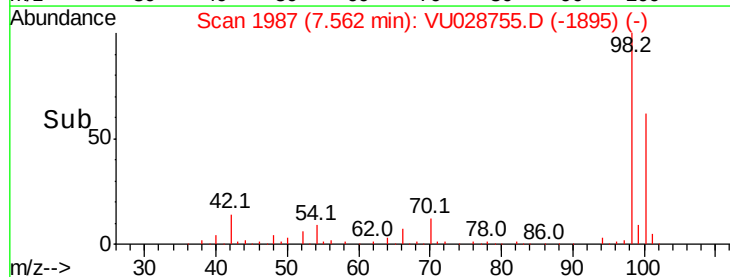
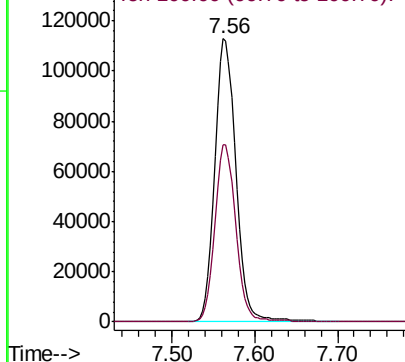


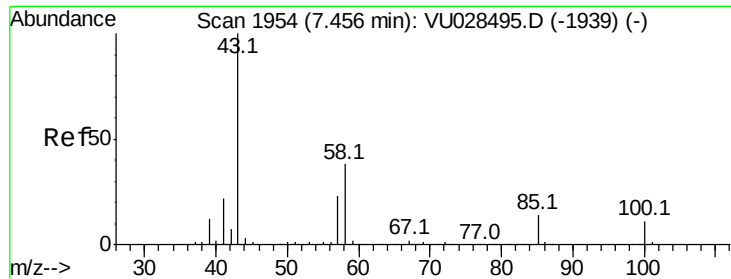
#50
Toluene-d8
Concen: 52.124 ug/l
RT: 7.56 min Scan# 1987
Delta R.T. -0.00 min
Lab File: VU028755.D
Acq: 18 Dec 2018 05:59

Tgt Ion: 98 Resp: 200387
Ion Ratio Lower Upper
98 100
100 62.1 51.0 76.6



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





#51

4-Methyl-2-Pentanone

Concen: 0.484 ug/l

RT: 7.56 min Scan# 1987

Delta R.T. 0.11 min

Lab File: VU028755.D

Acq: 18 Dec 2018 05:59

Instrument :

MSVOA_U

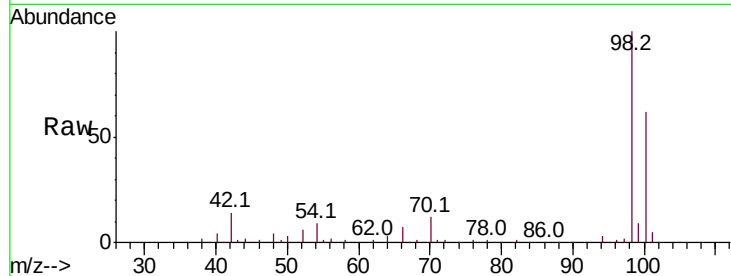
ClientSampleId :

Tot Ion: 43 Resp: 1055

Ion Ratio Lower Upper

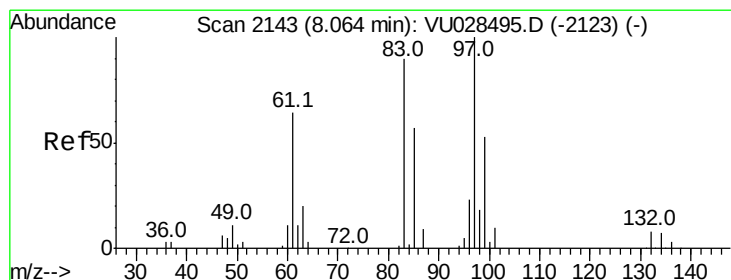
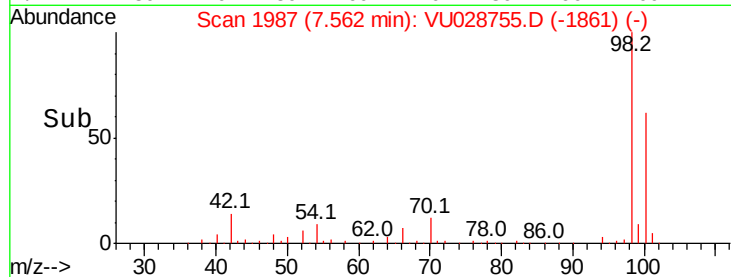
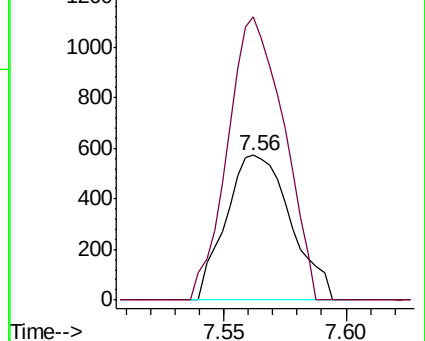
43 100

58 169.5 30.2 45.2#



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0



#55

1,1,2-Trichloroethane

Concen: 0.516 ug/l

RT: 8.04 min Scan# 2137

Delta R.T. -0.02 min

Lab File: VU028755.D

Acq: 18 Dec 2018 05:59

Tgt Ion: 97 Resp: 597

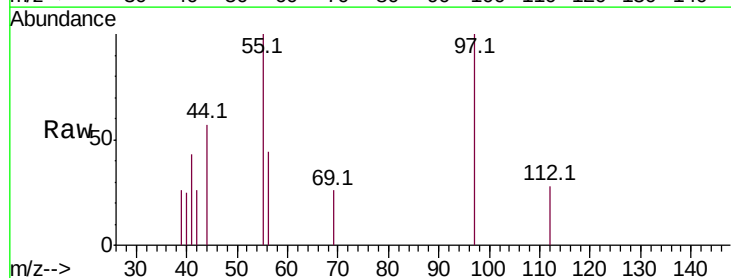
Ion Ratio Lower Upper

97 100

83 0.0 72.4 108.6#

85 0.0 46.0 69.0#

99 0.0 47.4 71.2#

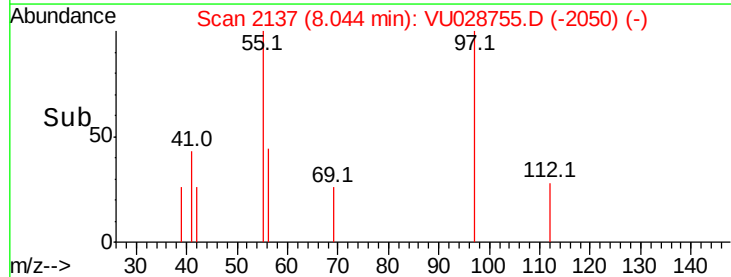
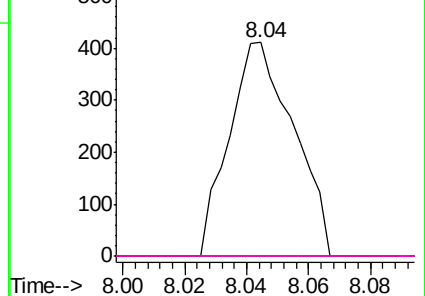


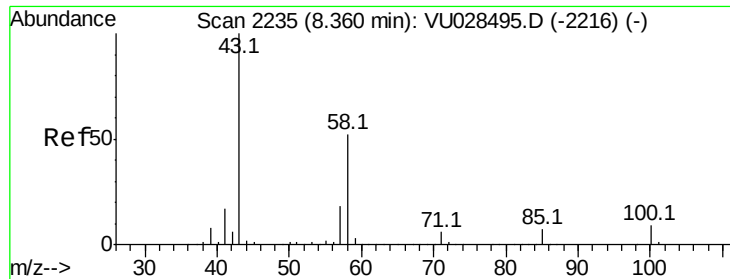
Abundance Ion 96.90 (96.60 to 97.60): VU0

Ion 82.90 (82.60 to 83.60): VU0

Ion 84.90 (84.60 to 85.60): VU0

Ion 98.90 (98.60 to 99.60): VU0





#59

2-Hexanone

Concen: 0.273 ug/l

RT: 8.32 min Scan# 2224

Delta R.T. -0.04 min

Lab File: VU028755.D

Acq: 18 Dec 2018 05:59

Instrument :

MSVOA_U

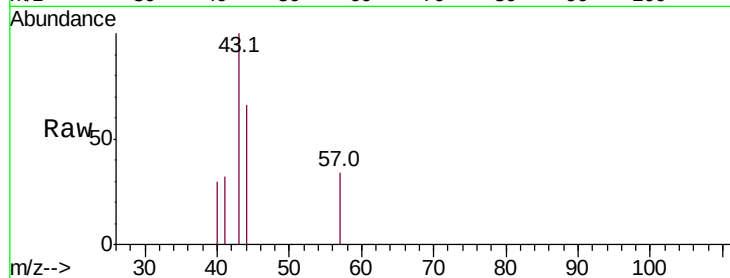
ClientSampleId :

Tot Ion: 43 Resp: 472

Ion Ratio Lower Upper

43 100

58 0.0 25.9 77.6#



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

8.32

300

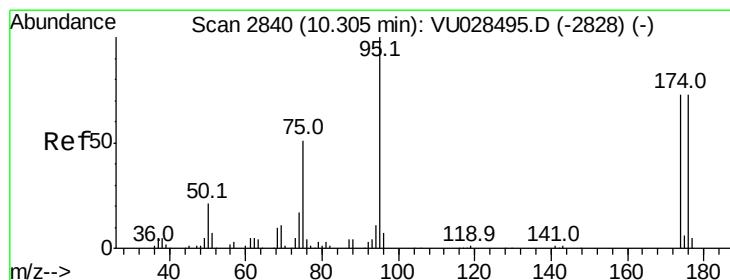
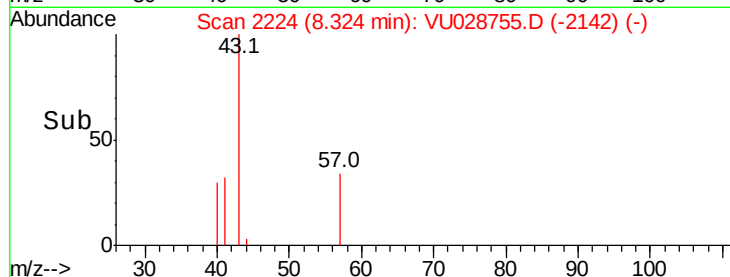
200

100

0

8.28 8.30 8.32 8.34 8.36

Time-->



#62

4-Bromofluorobenzene

Concen: 46.990 ug/l

RT: 10.30 min Scan# 2840

Delta R.T. -0.00 min

Lab File: VU028755.D

Acq: 18 Dec 2018 05:59

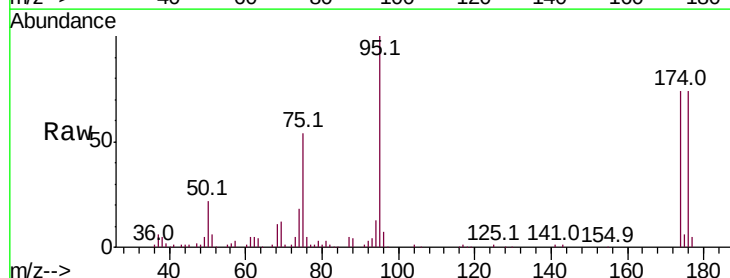
Tgt Ion: 95 Resp: 67521

Ion Ratio Lower Upper

95 100

174 75.3 0.0 150.4

176 73.4 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

50000

40000

30000

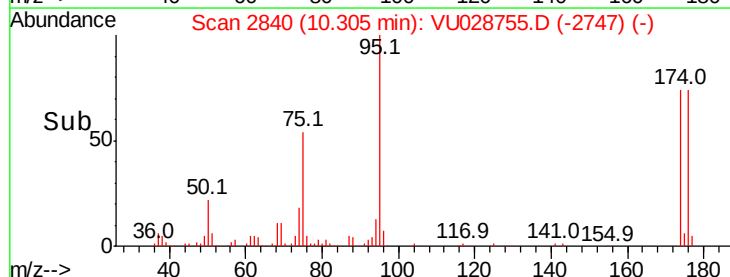
20000

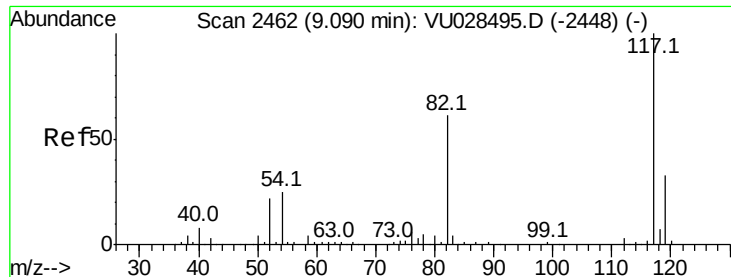
10000

0

10.25 10.30 10.35

Time-->

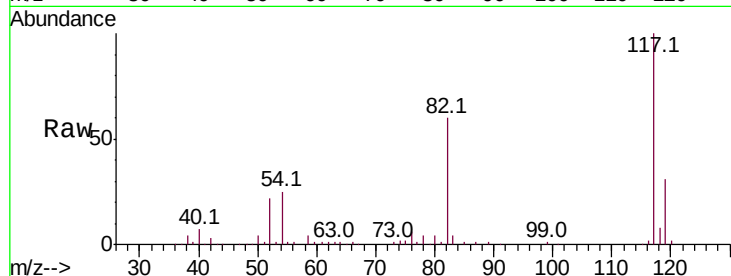




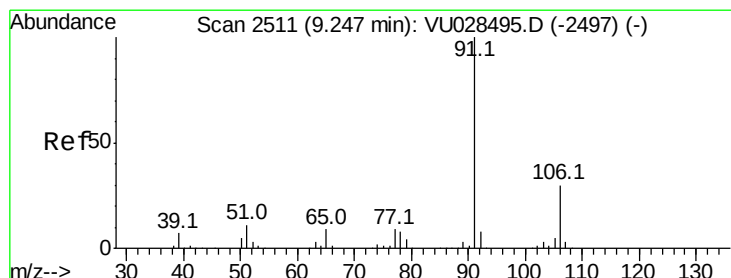
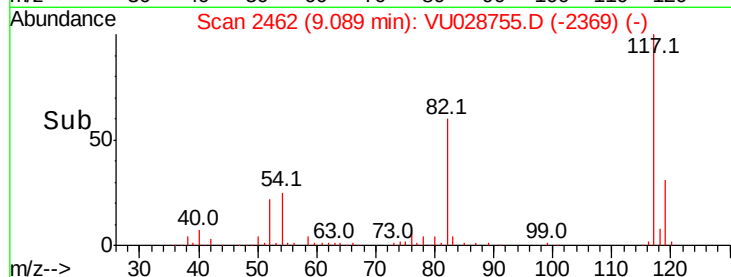
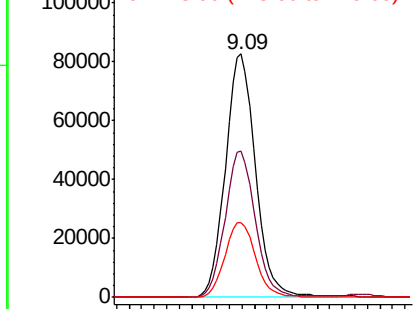
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. -0.00 min
Lab File: VU028755.D
Acq: 18 Dec 2018 05:59

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion:117 Resp: 137569
Ion Ratio Lower Upper
117 100
82 60.3 48.9 73.3
119 30.9 26.2 39.4

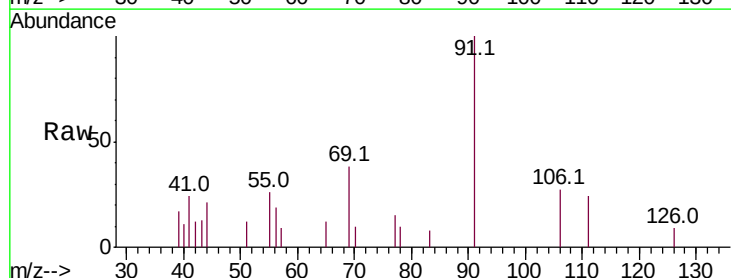


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VU0
Ion 118.90 (118.60 to 119.60): V

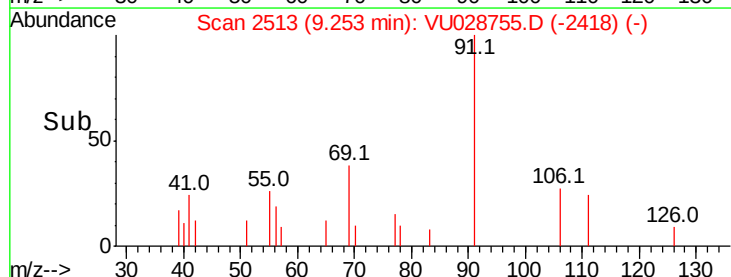
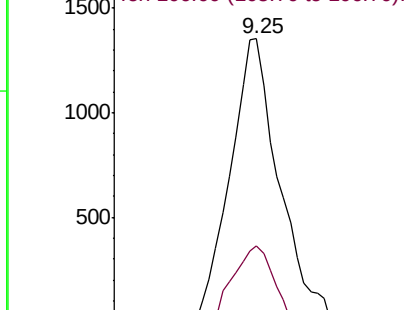


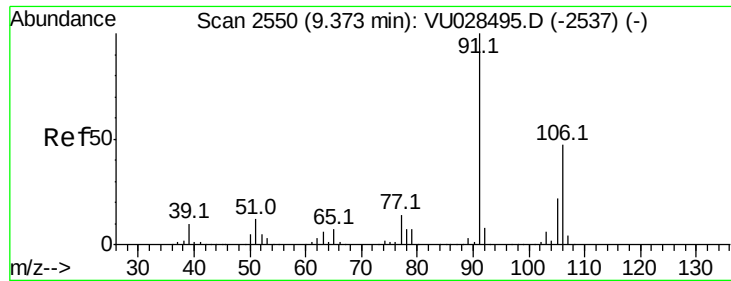
#67
Ethyl Benzene
Concen: 0.402 ug/l
RT: 9.25 min Scan# 2513
Delta R.T. 0.01 min
Lab File: VU028755.D
Acq: 18 Dec 2018 05:59

Tgt Ion: 91 Resp: 2166
Ion Ratio Lower Upper
91 100
106 26.7 24.1 36.1



Abundance Ion 91.00 (90.70 to 91.70): VU0
Ion 106.00 (105.70 to 106.70): V

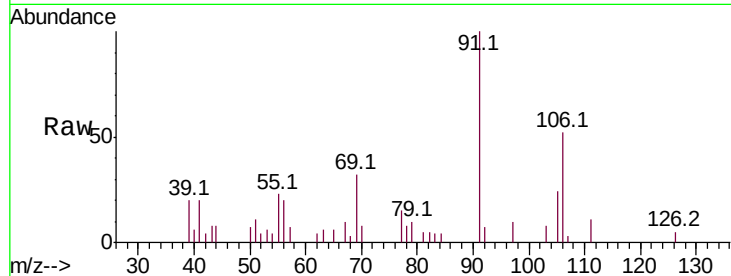




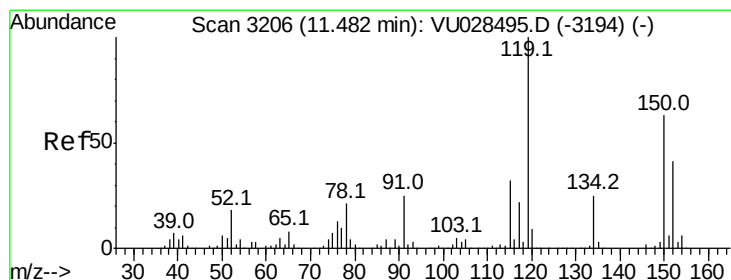
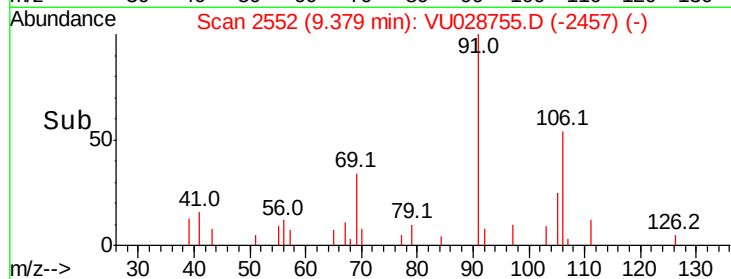
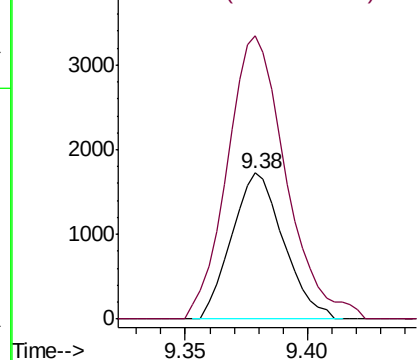
#68
m/p-Xylenes
Concen: 1.298 ug/l
RT: 9.38 min Scan# 2552
Delta R.T. 0.01 min
Lab File: VU028755.D
Acq: 18 Dec 2018 05:59

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion:106 Resp: 2545
Ion Ratio Lower Upper
106 100
91 219.1 167.4 251.0

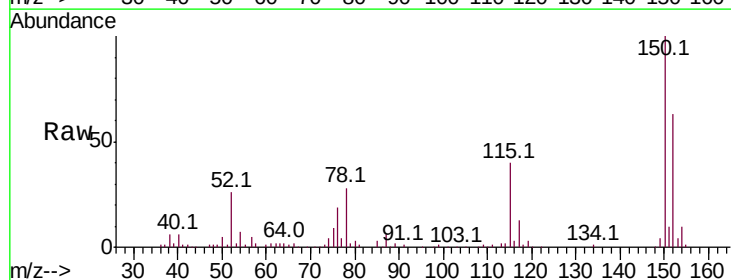


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0

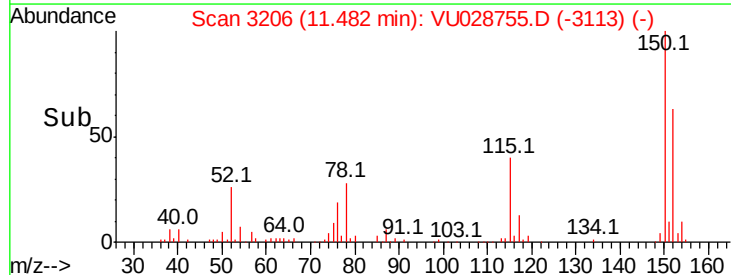
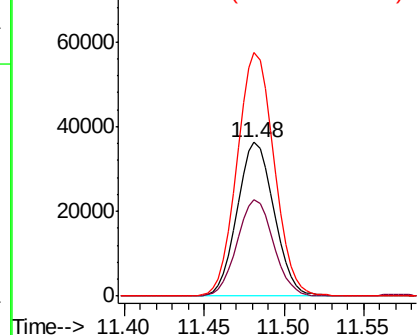


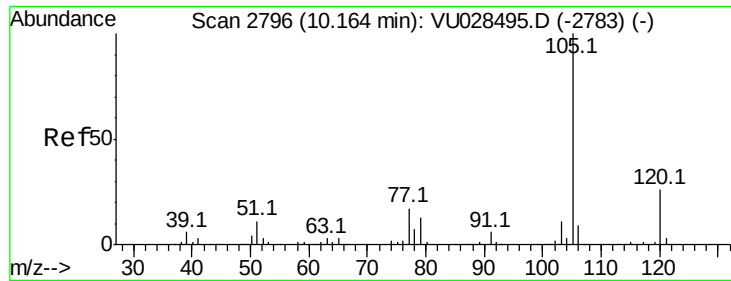
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.48 min Scan# 3206
Delta R.T. -0.00 min
Lab File: VU028755.D
Acq: 18 Dec 2018 05:59

Tgt Ion:152 Resp: 56771
Ion Ratio Lower Upper
152 100
115 62.0 42.7 128.1
150 159.3 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

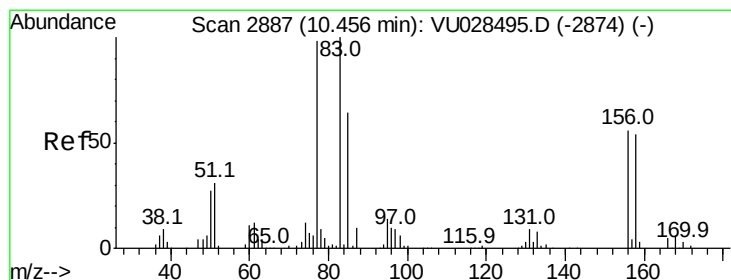
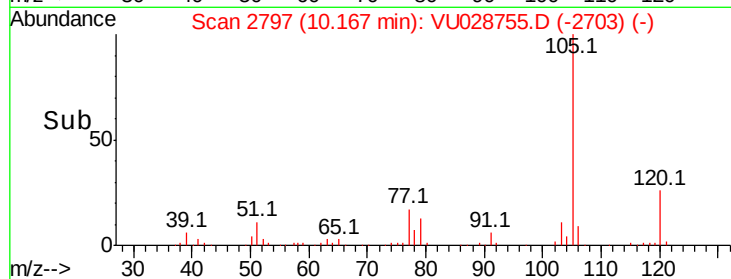
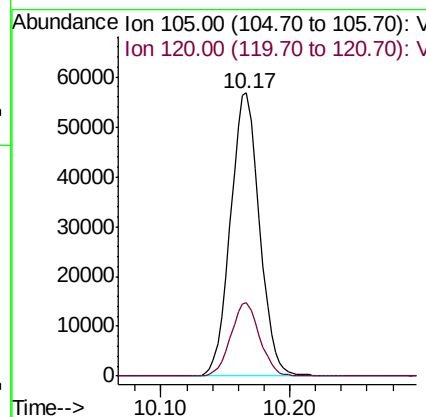
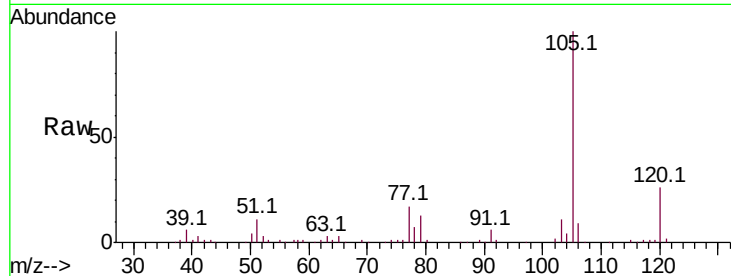




#73
Isopropylbenzene
Concen: 20.300 ug/l
RT: 10.17 min Scan# 2797
Delta R.T. 0.00 min
Lab File: VU028755.D
Acq: 18 Dec 2018 05:59

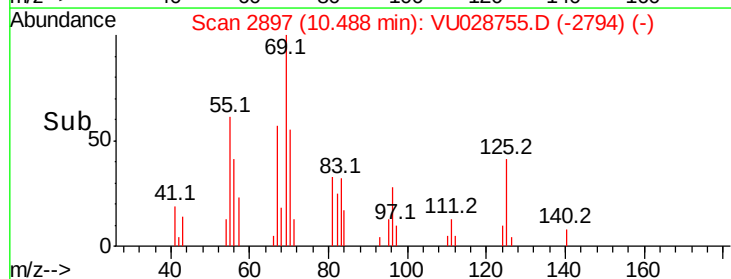
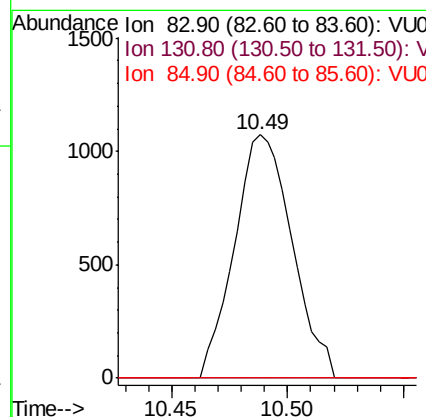
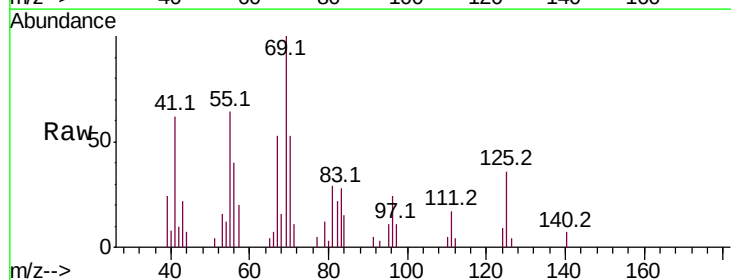
Instrument :
MSVOA_U
ClientSampled :

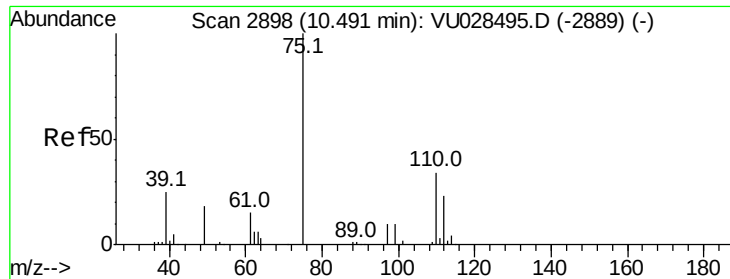
Tot Ion:105 Resp: 88430
Ion Ratio Lower Upper
105 100
120 25.7 12.9 38.6



#75
1,1,2,2-Tetrachloroethane
Concen: 1.105 ug/l
RT: 10.49 min Scan# 2897
Delta R.T. 0.03 min
Lab File: VU028755.D
Acq: 18 Dec 2018 05:59

Tgt Ion: 83 Resp: 1849
Ion Ratio Lower Upper
83 100
131 0.0 4.2 12.4#
85 0.0 31.8 95.4#

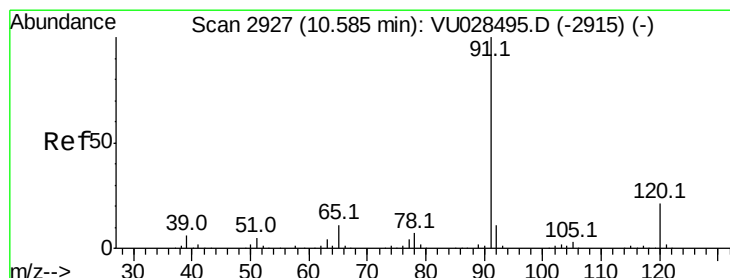
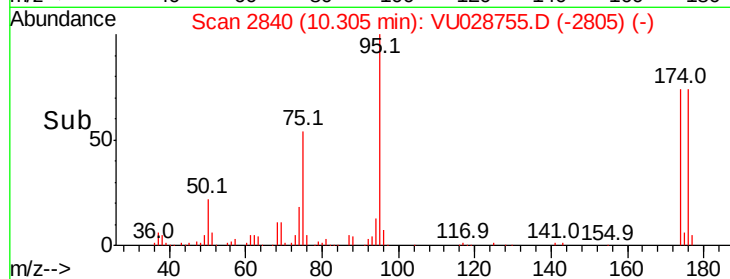
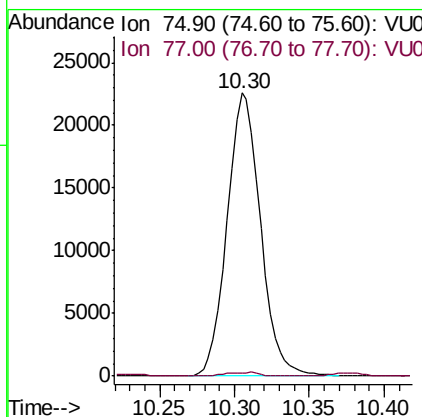
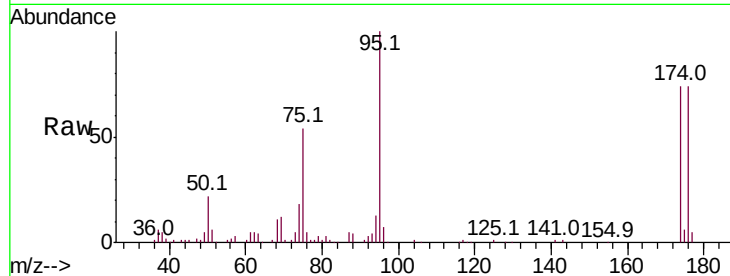




#76
1,2,3-Trichloropropane
Concen: 24.244 ug/l
RT: 10.30 min Scan# 2840
Delta R.T. -0.19 min
Lab File: VU028755.D
Acq: 18 Dec 2018 05:59

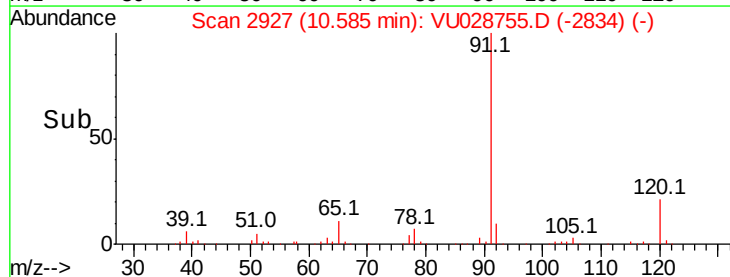
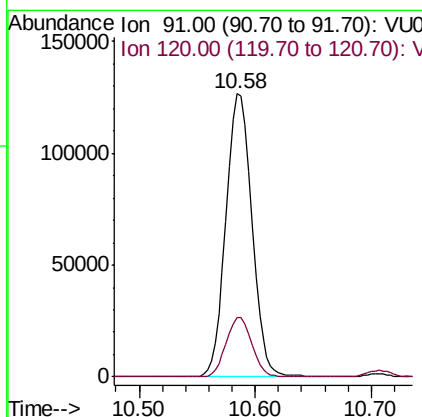
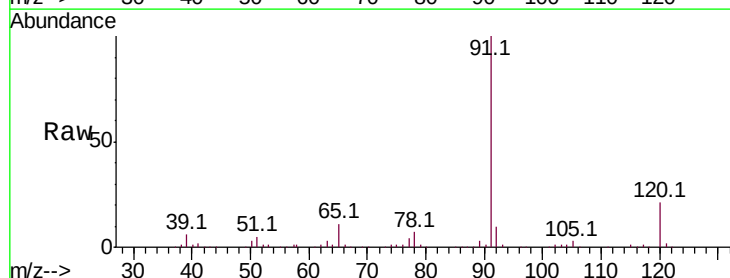
Instrument :
MSVOA_U
ClientSampleId :

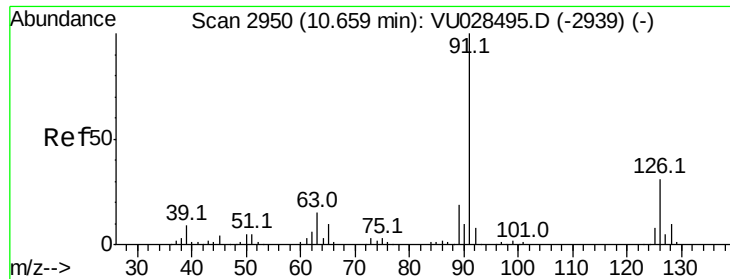
Tot Ion: 75 Resp: 35146
Ion Ratio Lower Upper
75 100
77 0.7 20.8 62.4#



#78
n-propylbenzene
Concen: 36.291 ug/l
RT: 10.58 min Scan# 2927
Delta R.T. -0.00 min
Lab File: VU028755.D
Acq: 18 Dec 2018 05:59

Tgt Ion: 91 Resp: 196443
Ion Ratio Lower Upper
91 100
120 20.8 10.6 31.8





#79

2-Chlorotoluene

Concen: 63.002 ug/l

RT: 10.58 min Scan# 2927

Delta R.T. -0.07 min

Lab File: VU028755.D

Acq: 18 Dec 2018 05:59

Instrument :

MSVOA_U

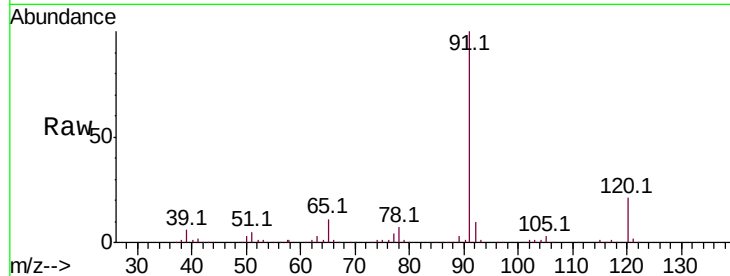
ClientSampled :

Tot Ion: 91 Resp: 196443

Ion Ratio Lower Upper

91 100

126 0.0 15.6 46.8#



Abundance Ion 91.00 (90.70 to 91.70): VU028495.D (-2939) (-)

Ion 125.90 (125.60 to 126.60): VU028495.D (-2939) (-)

10.58

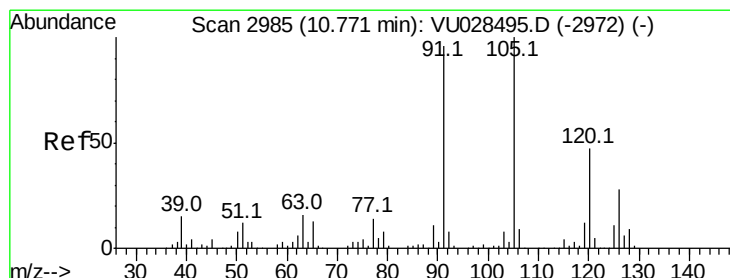
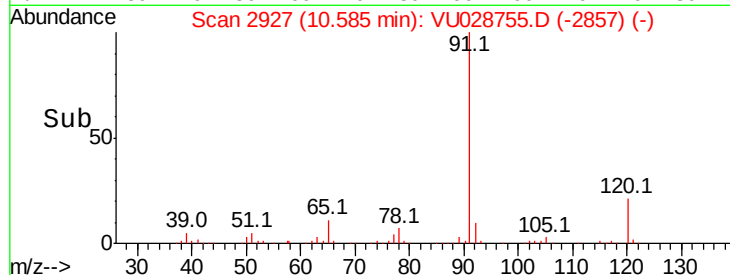
150000

100000

50000

0

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 3.873 ug/l

RT: 10.71 min Scan# 2965

Delta R.T. -0.06 min

Lab File: VU028755.D

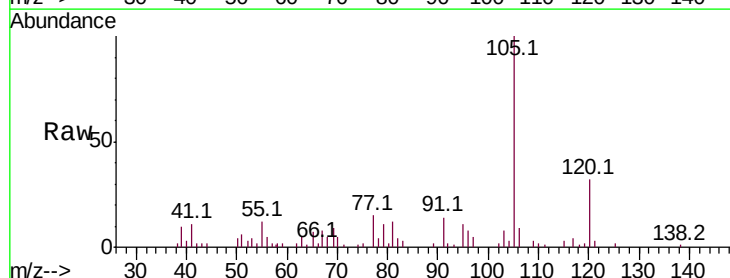
Acq: 18 Dec 2018 05:59

Tgt Ion:105 Resp: 13967

Ion Ratio Lower Upper

105 100

120 30.4 23.7 71.1



Abundance Ion 105.00 (104.70 to 105.70): VU028495.D (-2972) (-)

Ion 120.00 (119.70 to 120.70): VU028495.D (-2972) (-)

10.71

10000

8000

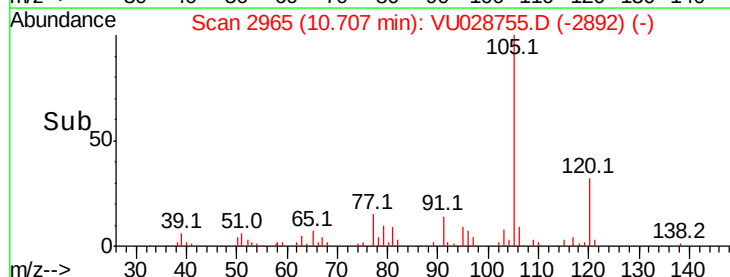
6000

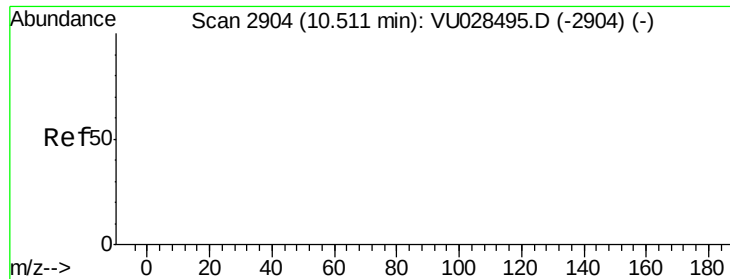
4000

2000

0

Time-->

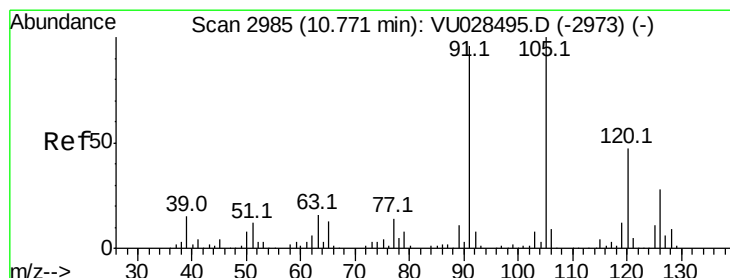
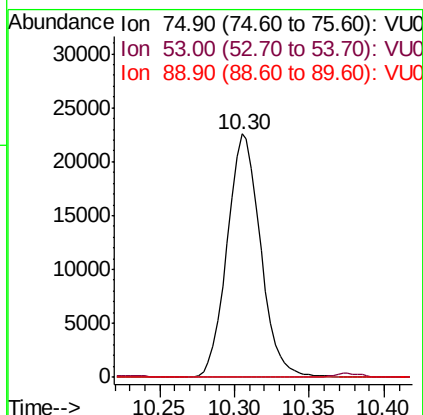
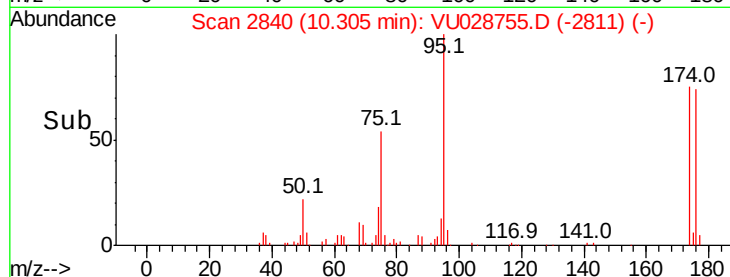
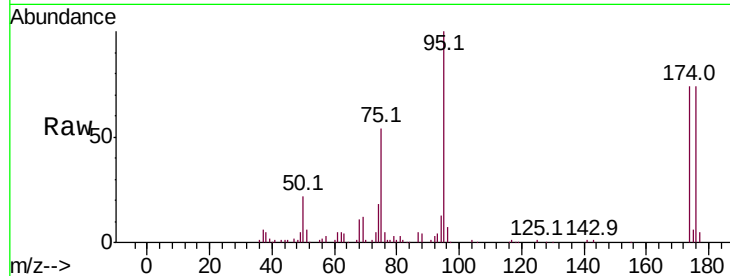




#81
trans-1,4-Dichloro-2-butene
Concen: 59.508 ug/l
RT: 10.30 min Scan# 2840
Delta R.T. -0.21 min
Lab File: VU028755.D
Acq: 18 Dec 2018 05:59

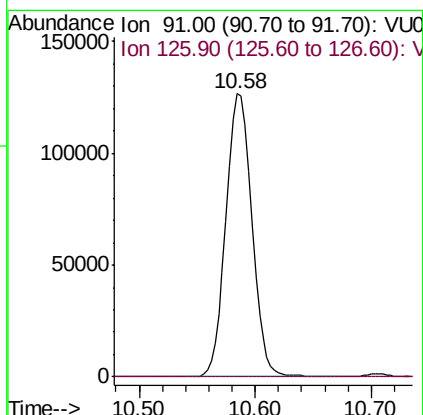
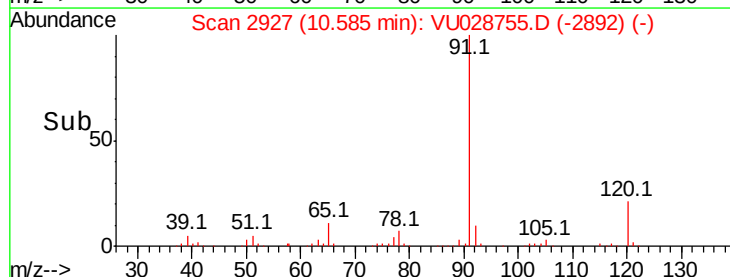
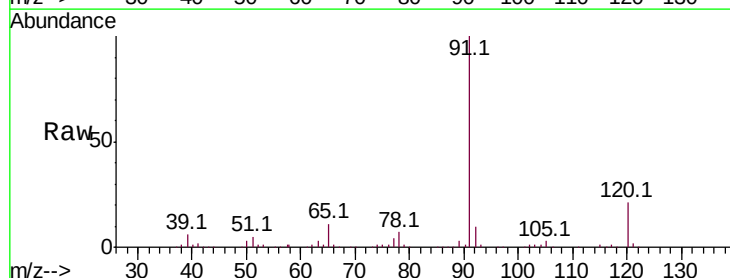
Instrument :
MSVOA_U
ClientSampled :

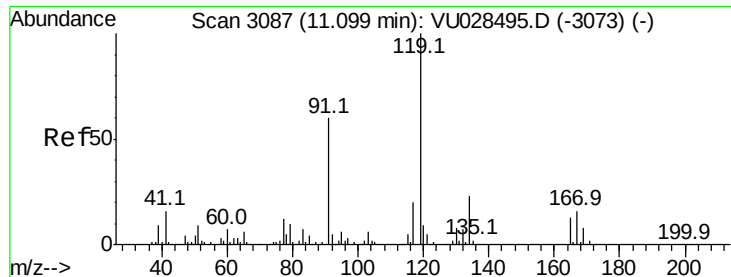
Tot Ion: 75 Resp: 35146
Ion Ratio Lower Upper
75 100
53 0.0 0.0 0.0
89 0.0 0.0 0.0



#82
4-Chlorotoluene
Concen: 53.166 ug/l
RT: 10.58 min Scan# 2927
Delta R.T. -0.19 min
Lab File: VU028755.D
Acq: 18 Dec 2018 05:59

Tgt Ion: 91 Resp: 196443
Ion Ratio Lower Upper
91 100
126 0.0 14.1 42.3#

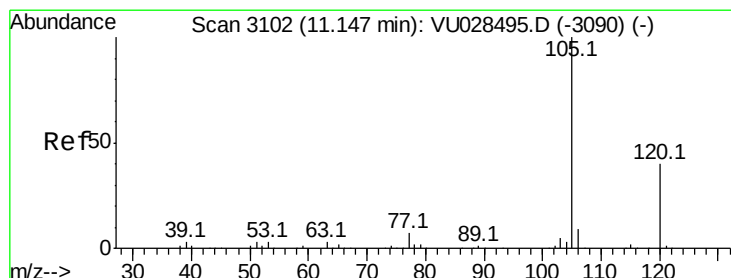
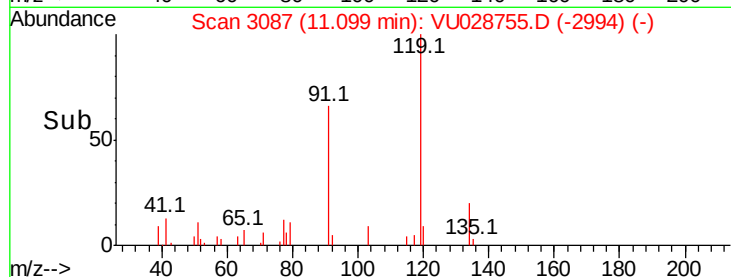
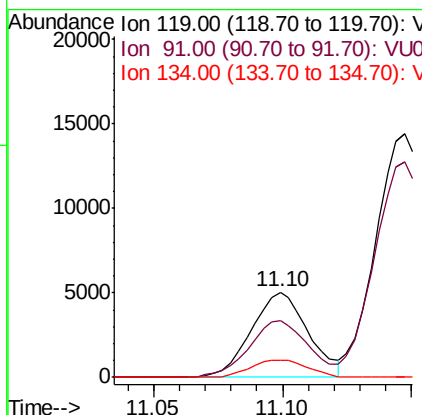
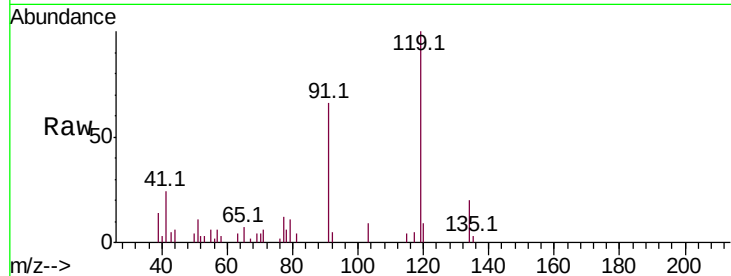




#83
tert-Butylbenzene
Concen: 2.227 ug/l
RT: 11.10 min Scan# 3087
Delta R.T. -0.00 min
Lab File: VU028755.D
Acq: 18 Dec 2018 05:59

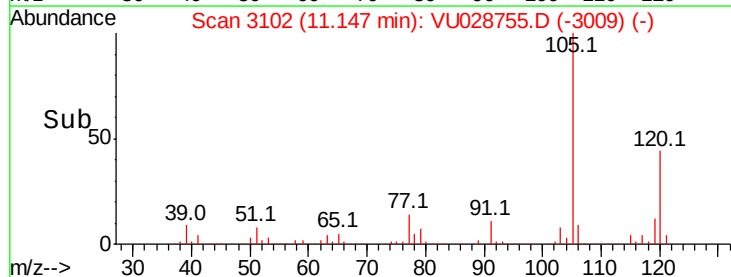
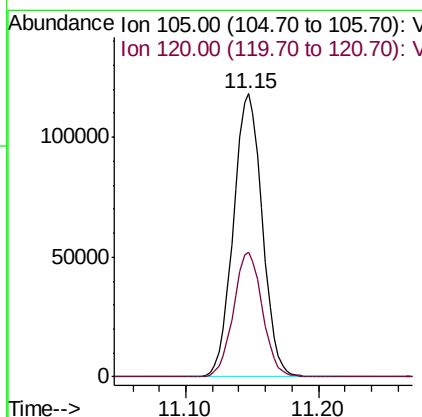
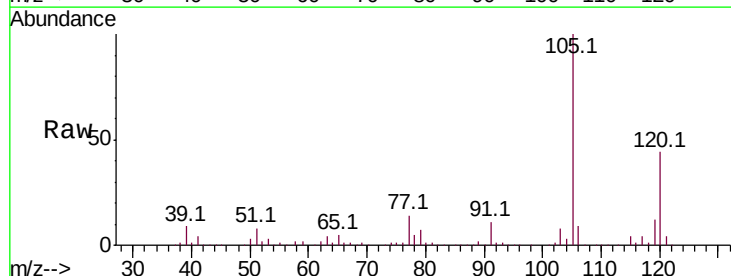
Instrument :
MSVOA_U
ClientSampled :

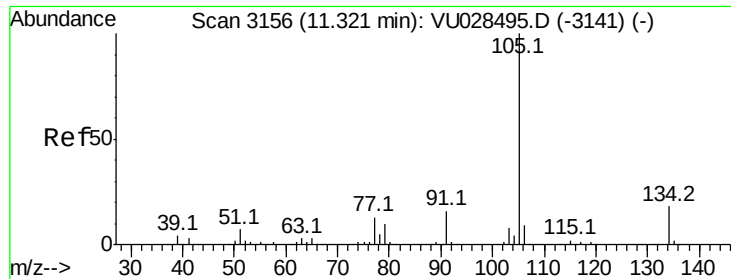
Tot Ion:119 Resp: 7742
Ion Ratio Lower Upper
119 100
91 68.4 30.3 91.0
134 20.4 11.2 33.5



#84
1,2,4-Trimethylbenzene
Concen: 48.040 ug/l
RT: 11.15 min Scan# 3102
Delta R.T. -0.00 min
Lab File: VU028755.D
Acq: 18 Dec 2018 05:59

Tgt Ion:105 Resp: 178529
Ion Ratio Lower Upper
105 100
120 44.1 21.8 65.4

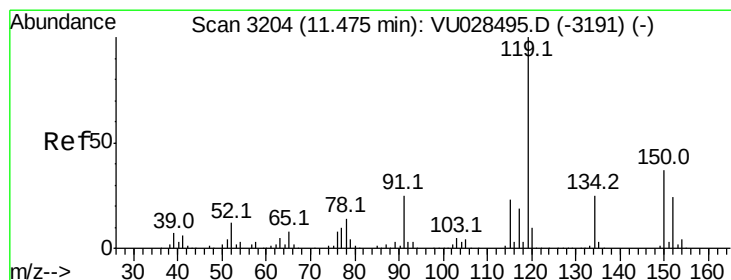
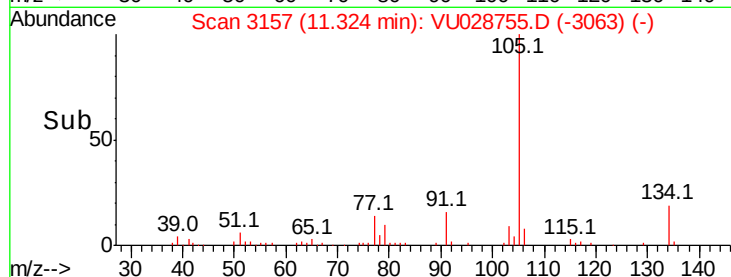
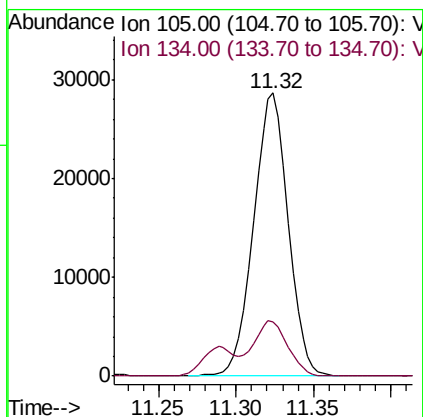
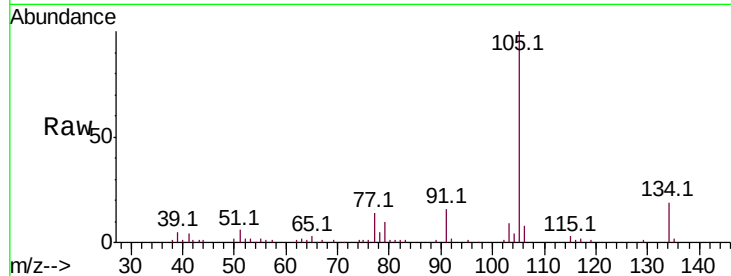




#85
 sec-Butylbenzene
 Concen: 9.993 ug/l
 RT: 11.32 min Scan# 3157
 Delta R.T. 0.00 min
 Lab File: VU028755.D
 Acq: 18 Dec 2018 05:59

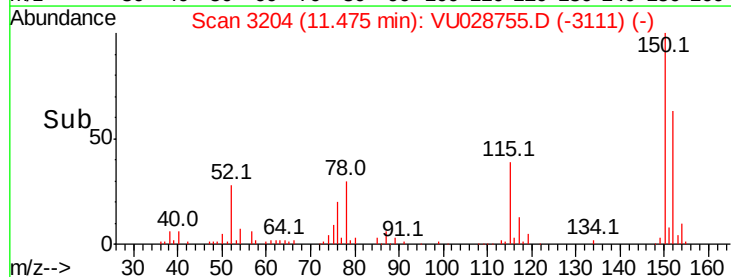
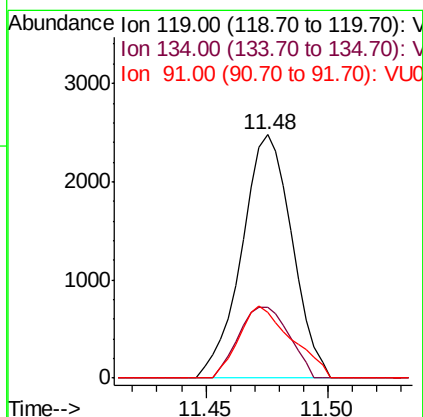
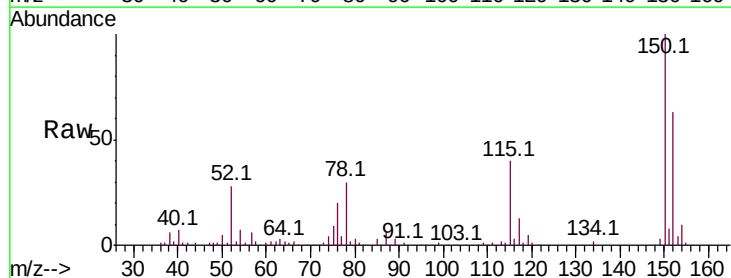
Instrument :
 MSVOA_U
 ClientSampled :

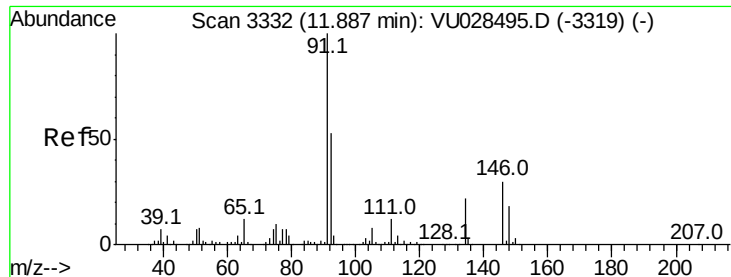
Tot Ion:105 Resp: 44619
 Ion Ratio Lower Upper
 105 100
 134 19.7 9.2 27.6



#86
 p-Isopropyltoluene
 Concen: 0.934 ug/l
 RT: 11.48 min Scan# 3204
 Delta R.T. -0.00 min
 Lab File: VU028755.D
 Acq: 18 Dec 2018 05:59

Tgt Ion:119 Resp: 3543
 Ion Ratio Lower Upper
 119 100
 134 29.5 12.7 38.1
 91 30.8 12.6 37.6





#89

n-Butylbenzene

Concen: 5.601 ug/l

RT: 11.89 min Scan# 3332

Delta R.T. -0.00 min

Lab File: VU028755.D

Acq: 18 Dec 2018 05:59

Instrument :

MSVOA_U

ClientSampleId :

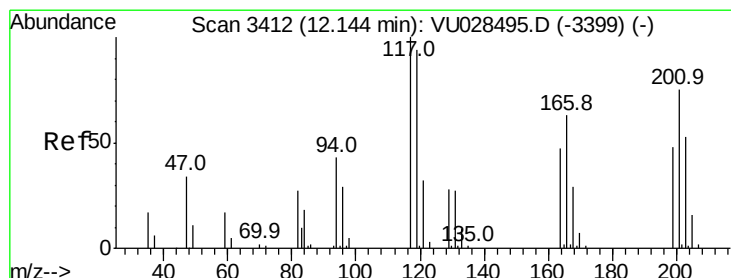
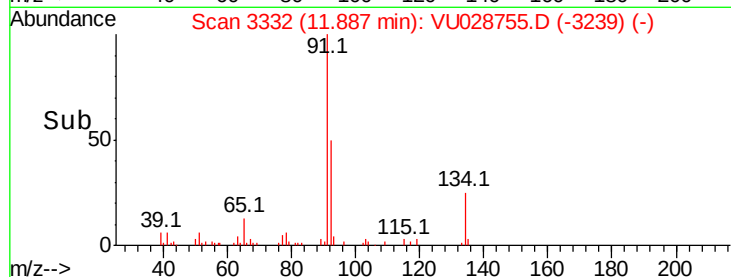
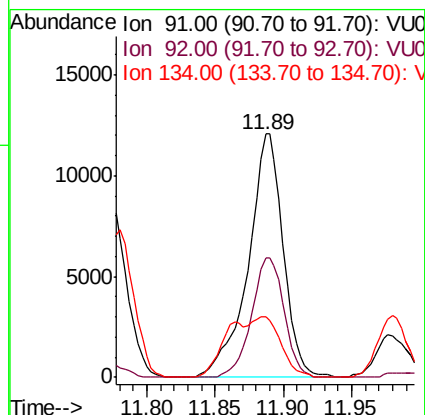
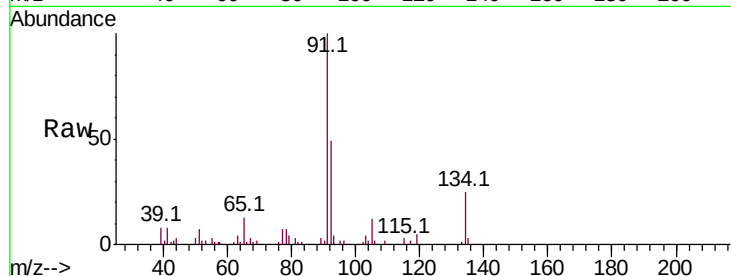
Tot Ion: 91 Resp: 21500

Ion Ratio Lower Upper

91 100

92 45.4 26.3 78.9

134 0.0 11.3 33.8#



#90

Hexachloroethane

Concen: 12.119 ug/l

RT: 12.25 min Scan# 3445

Delta R.T. 0.11 min

Lab File: VU028755.D

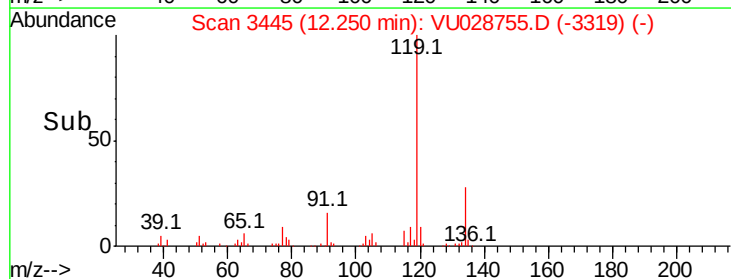
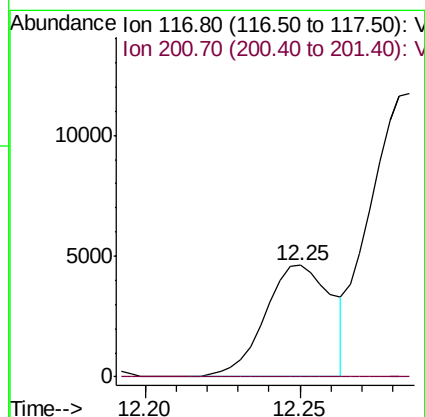
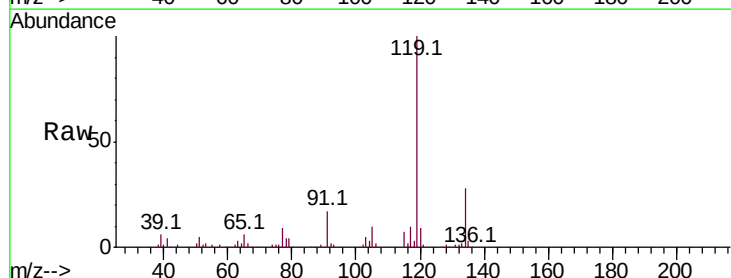
Acq: 18 Dec 2018 05:59

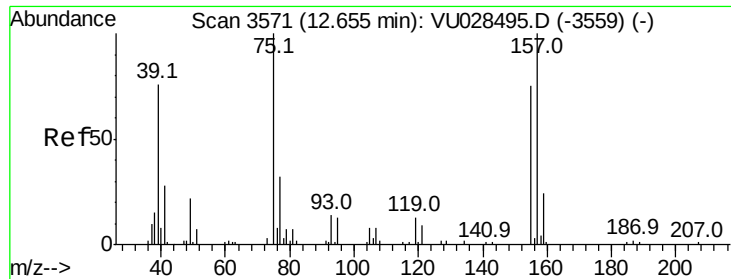
Tgt Ion: 117 Resp: 6948

Ion Ratio Lower Upper

117 100

201 0.0 38.1 114.5#





#92

1,2-Dibromo-3-Chloropropane

Concen: 0.541 ug/l

RT: 12.65 min Scan# 3569

Delta R.T. -0.01 min

Lab File: VU028755.D

Acq: 18 Dec 2018 05:59

Instrument :

MSVOA_U

ClientSampleId :

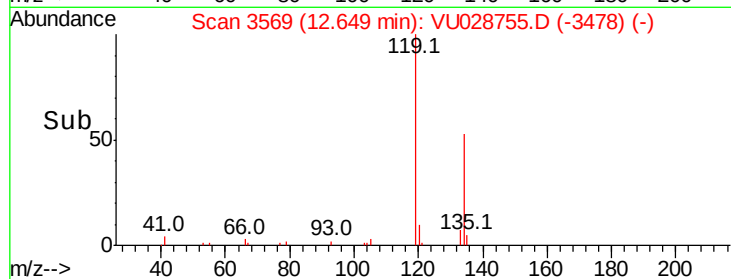
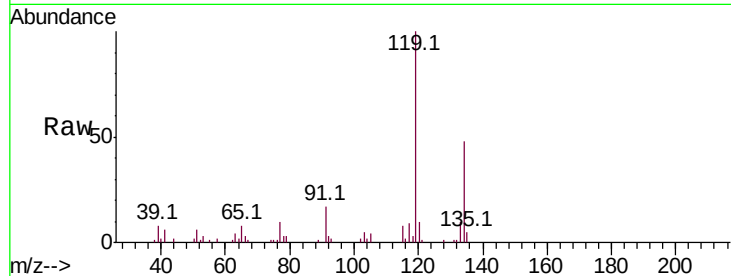
Tot Ion: 75 Resp: 196

Ion Ratio Lower Upper

75 100

155 0.0 38.1 114.5#

157 0.0 48.7 146.1#



Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

