

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U121718\
 Data File : VU028730.D
 Acq On : 17 Dec 2018 19:08
 Operator : MD/SY
 Sample : J6440-02
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 18 03:10:27 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	85829	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.88	114	152984	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	139044	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	57499	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	68570	52.35	ug/l	0.00
Spiked Amount			Recovery	=	104.70%	
35) Dibromofluoromethane	4.88	113	52185	54.20	ug/l	0.00
Spiked Amount			Recovery	=	108.40%	
50) Toluene-d8	7.57	98	198211	52.05	ug/l	0.00
Spiked Amount			Recovery	=	104.10%	
62) 4-Bromofluorobenzene	10.30	95	67130	47.16	ug/l	0.00
Spiked Amount			Recovery	=	94.32%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.33	50	1098	0.519	ug/l	96
11) Tert butyl alcohol	2.83	59	23997	82.232	ug/l	98
14) Allyl chloride	2.70	41	5215	2.307	ug/l #	27
16) Acetone	2.32	43	46039	53.865	ug/l	97
18) Methyl Acetate	2.62	43	3438	1.552	ug/l #	89
20) Methylene Chloride	2.70	84	102974	81.728	ug/l	98
25) 2-Butanone	4.28	43	5521	4.727	ug/l #	90
26) 2,2-Dichloropropane	4.20	77	369	0.202	ug/l #	54
31) Cyclohexane	4.99	56	3346	0.300	ug/l #	8
36) 1,1-Dichloropropene	4.98	75	8025	4.794	ug/l #	49
38) Carbon Tetrachloride	4.98	117	8501	6.300	ug/l #	16
39) Methylcyclohexane	6.41	83	586	0.287	ug/l	86
40) Benzene	5.39	78	55404	11.237	ug/l	97
41) Methacrylonitrile	4.49	41	297	0.251	ug/l #	1
51) 4-Methyl-2-Pentanone	7.47	43	1382	0.640	ug/l #	62
52) Toluene	7.64	92	164267	56.610	ug/l	99
53) t-1,3-Dichloropropene	7.63	75	1799	0.944	ug/l #	1
67) Ethyl Benzene	9.25	91	2008	0.369	ug/l	90
68) m/p-Xylenes	9.37	106	4607	2.325	ug/l	99
69) o-Xylene	9.78	106	1614	0.838	ug/l	97
73) Isopropylbenzene	10.16	105	2188	0.496	ug/l	89
76) 1,2,3-Trichloropropane	10.30	75	34516	23.508	ug/l #	36
78) n-propylbenzene	10.58	91	6839	1.247	ug/l	100
79) 2-Chlorotoluene	10.58	91	6839	2.166	ug/l #	43
80) 1,3,5-Trimethylbenzene	10.77	105	1177	0.322	ug/l	95
81) trans-1,4-Dichloro-2-buten	10.30	75	34516	57.718	ug/l #	100
82) 4-Chlorotoluene	10.58	91	6839	1.827	ug/l #	47
84) 1,2,4-Trimethylbenzene	11.15	105	6846	1.819	ug/l	95
85) sec-Butylbenzene	11.32	105	1590	0.352	ug/l	87
89) n-Butylbenzene	11.89	91	1339	0.344	ug/l	84
90) Hexachloroethane	12.25	117	305	0.525	ug/l #	11
95) Naphthalene	13.75	128	8942	1.912	ug/l	99

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Quant Title : SW846 8260
QLast Update : Fri Dec 07 00:39:42 2018
Response via : Initial Calibration

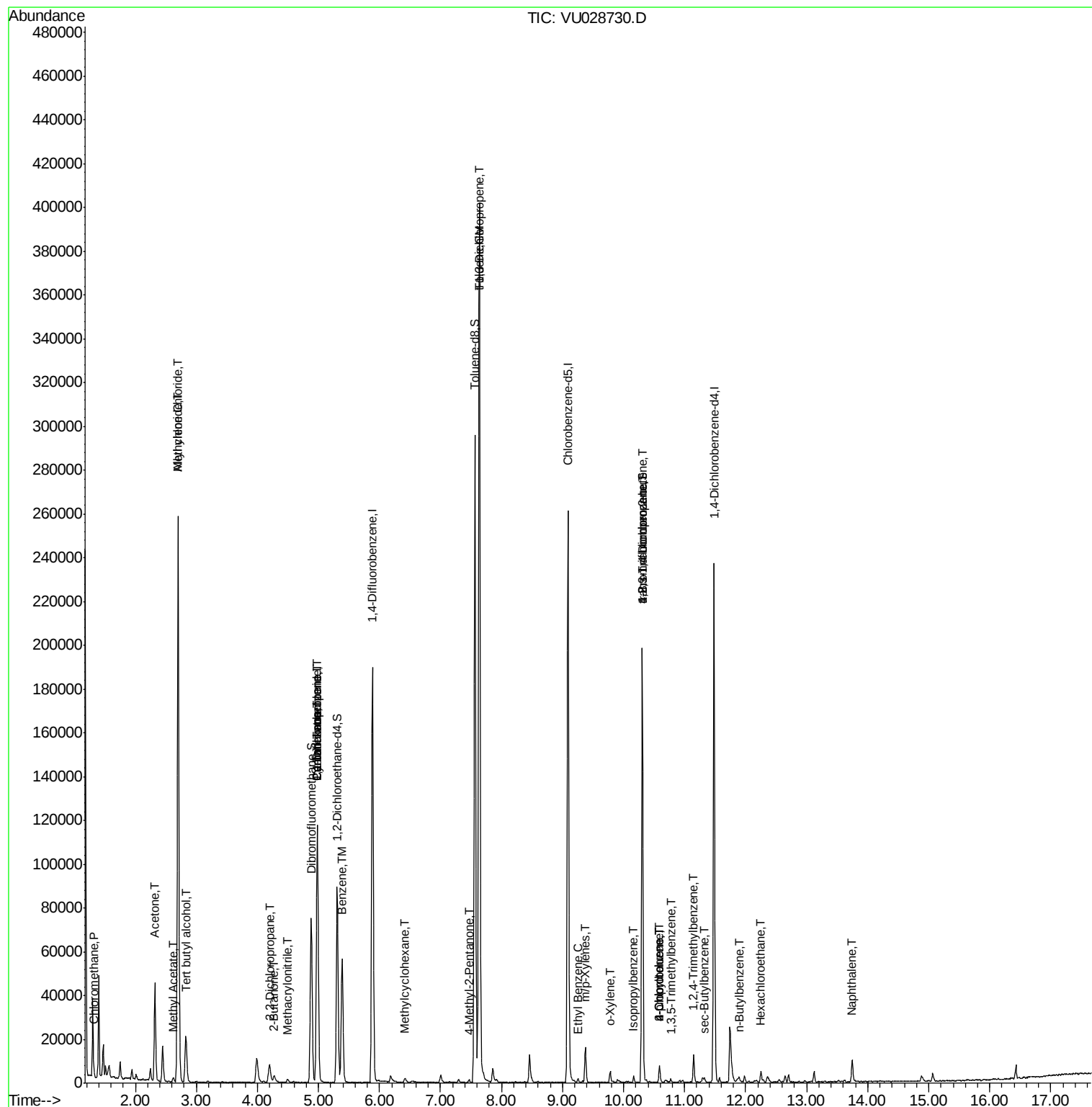
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

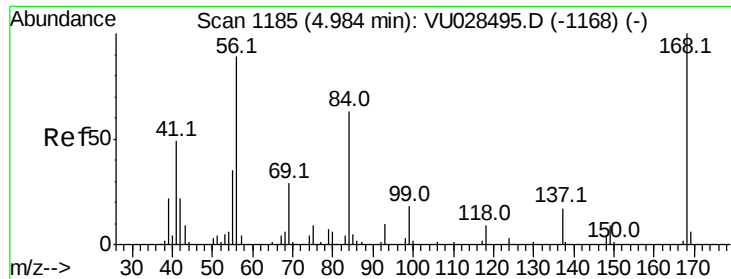
(#) = qualifier out of range (m) = manual integration (+) = signals summed						

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.98 min Scan# 1184

Delta R.T. -0.00 min

Lab File: VU028730.D

Acq: 17 Dec 2018 19:08

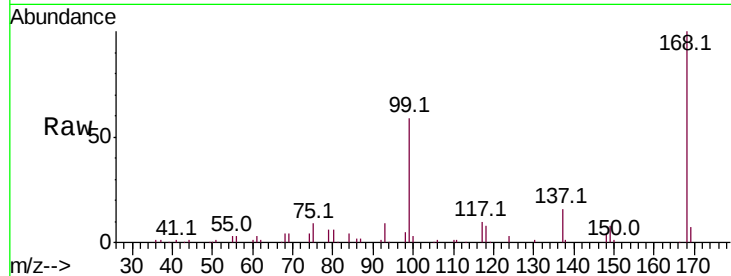
Instrument :
MSVOA_U
ClientSampleId :

Tot Ion:168 Resp: 85829

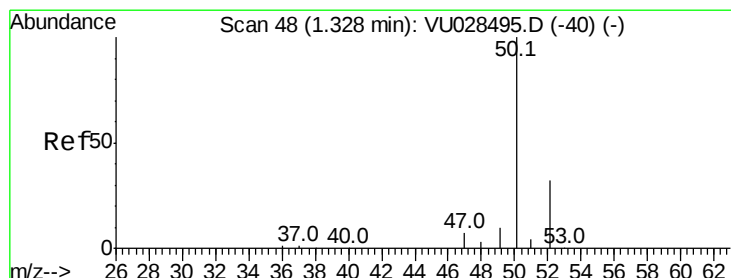
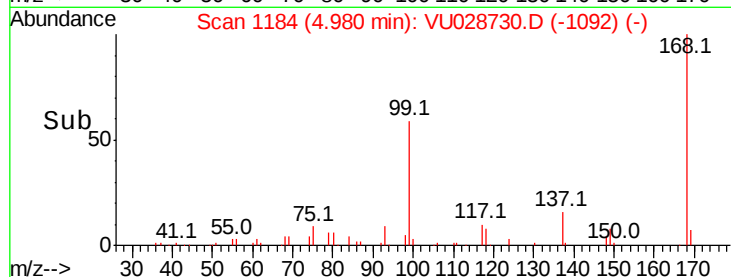
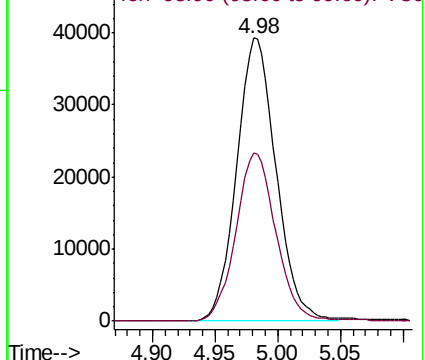
Ion Ratio Lower Upper

168 100

99 59.3 46.6 69.8



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



#3

Chloromethane

Concen: 0.519 ug/l

RT: 1.33 min Scan# 48

Delta R.T. -0.00 min

Lab File: VU028730.D

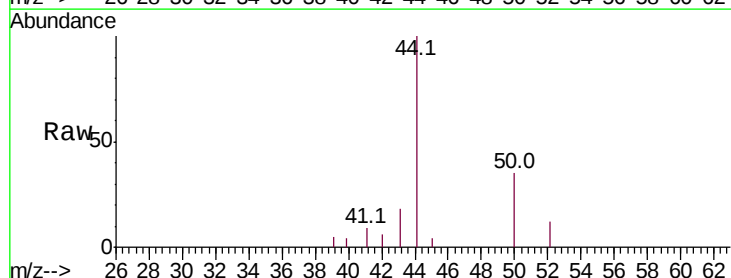
Acq: 17 Dec 2018 19:08

Tgt Ion: 50 Resp: 1098

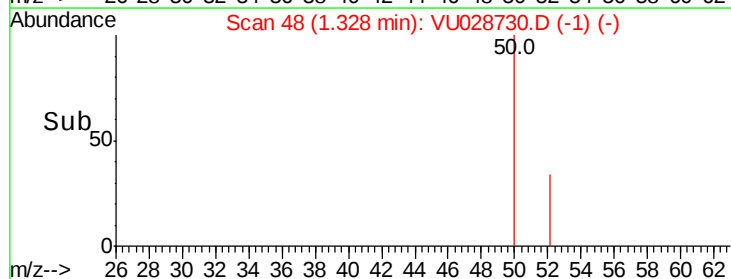
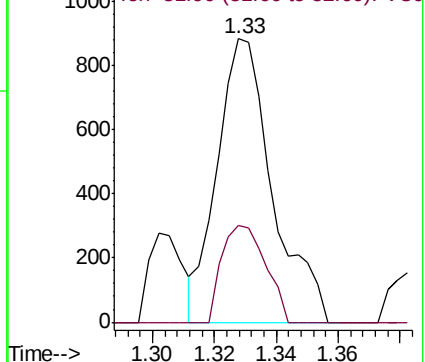
Ion Ratio Lower Upper

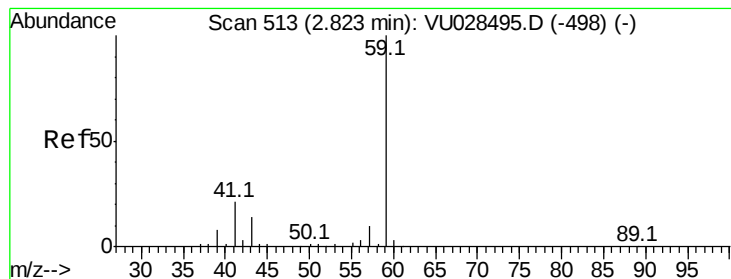
50 100

52 34.2 25.5 38.3



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





#11

Tert butyl alcohol

Concen: 82.232 ug/l

RT: 2.83 min Scan# 514

Delta R.T. 0.00 min

Lab File: VU028730.D

Acq: 17 Dec 2018 19:08

Instrument :

MSVOA_U

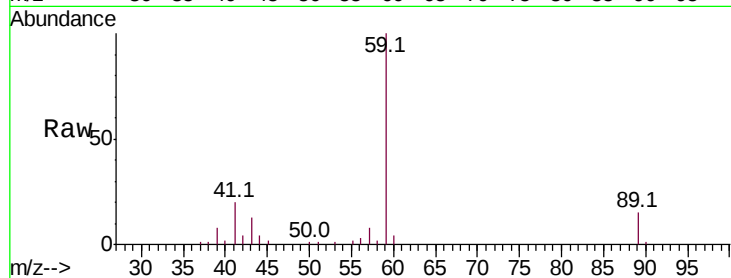
ClientSampleId :

Tot Ion: 59 Resp: 23997

Ion Ratio Lower Upper

59 100

57 9.1 8.0 12.0



Abundance Ion 59.00 (58.70 to 59.70): VU0

Ion 57.00 (56.70 to 57.70): VU0

2.83

12000

10000

8000

6000

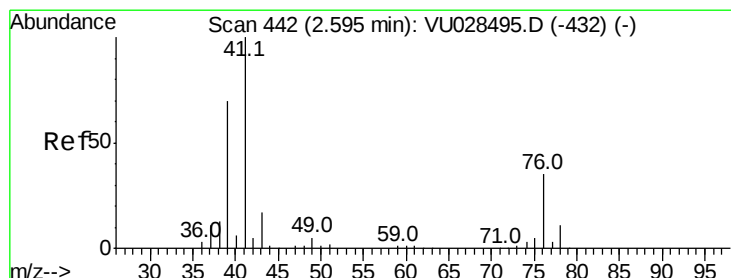
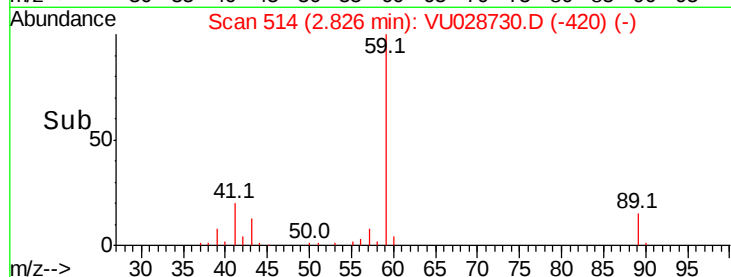
4000

2000

0

Time-->

2.75 2.80 2.85 2.90 2.95



#14

Allyl chloride

Concen: 2.307 ug/l

RT: 2.70 min Scan# 474

Delta R.T. 0.10 min

Lab File: VU028730.D

Acq: 17 Dec 2018 19:08

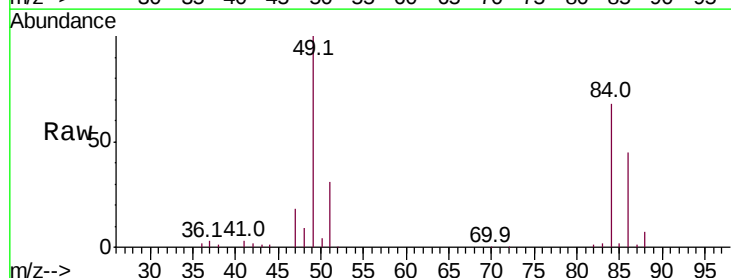
Tgt Ion: 41 Resp: 5215

Ion Ratio Lower Upper

41 100

39 0.0 50.8 76.2#

76 0.0 24.8 37.2#



Abundance Ion 41.00 (40.70 to 41.70): VU0

Ion 39.00 (38.70 to 39.70): VU0

Ion 75.90 (75.60 to 76.60): VU0

2.70

3000

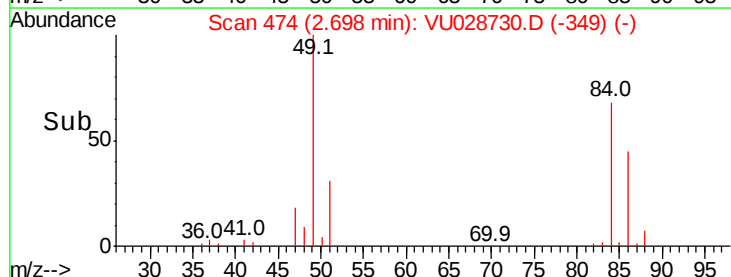
2000

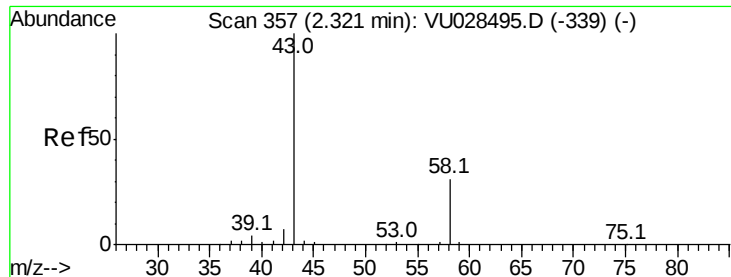
1000

0

Time-->

2.65 2.70 2.75





#16

Acetone

Concen: 53.865 ug/l

RT: 2.32 min Scan# 357

Delta R.T. -0.00 min

Lab File: VU028730.D

Acq: 17 Dec 2018 19:08

Instrument :

MSVOA_U

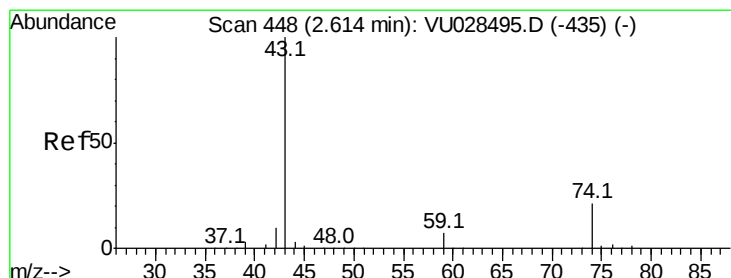
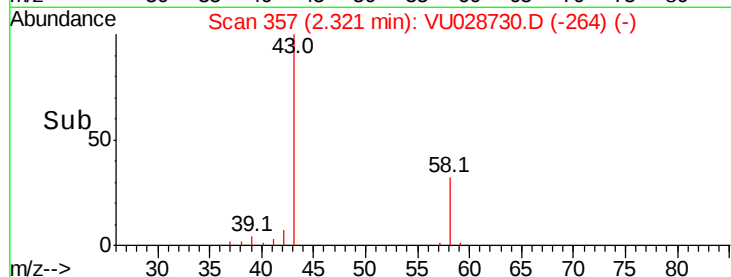
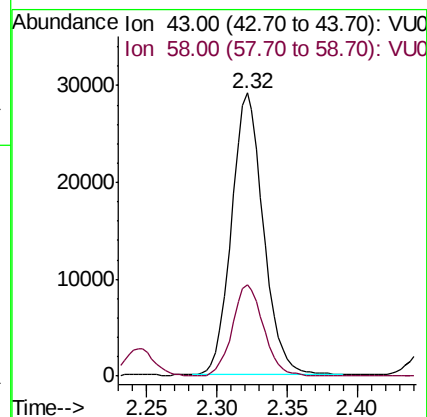
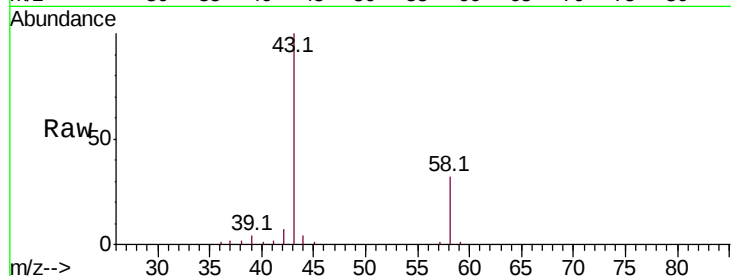
ClientSampleId :

Tot Ion: 43 Resp: 46039

Ion Ratio Lower Upper

43 100

58 32.2 24.6 37.0



#18

Methyl Acetate

Concen: 1.552 ug/l

RT: 2.62 min Scan# 449

Delta R.T. 0.00 min

Lab File: VU028730.D

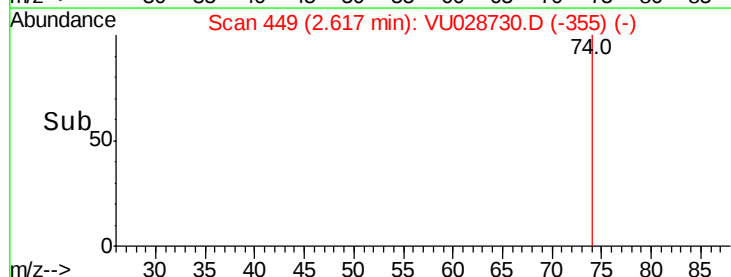
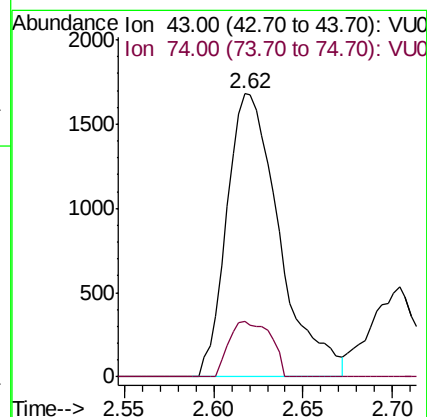
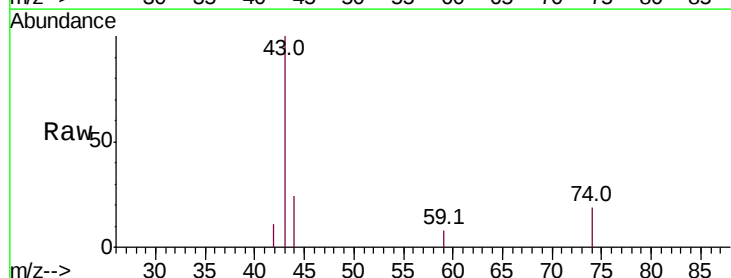
Acq: 17 Dec 2018 19:08

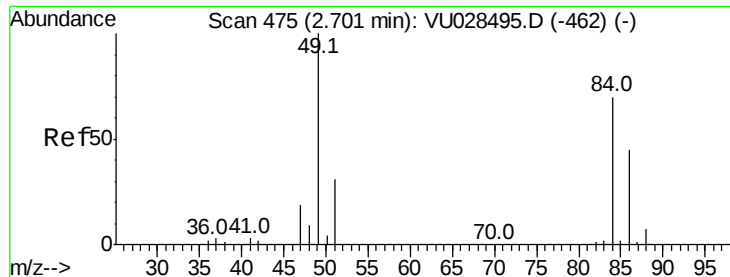
Tgt Ion: 43 Resp: 3438

Ion Ratio Lower Upper

43 100

74 15.5 16.4 24.6#

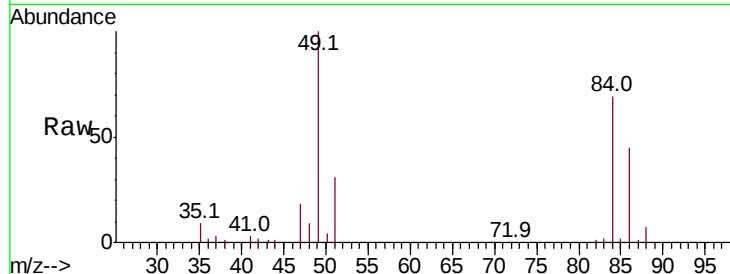




#20
Methvlene Chloride
Concen: 81.728 ug/l
RT: 2.70 min Scan# 475
Delta R.T. -0.00 min
Lab File: VU028730.D
Acq: 17 Dec 2018 19:08

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion:	84	Resp:	102974
Ion	Ratio	Lower	Upper
84	100		
49	144.6	114.0	171.0
51	44.5	35.1	52.7
86	65.2	51.0	76.6



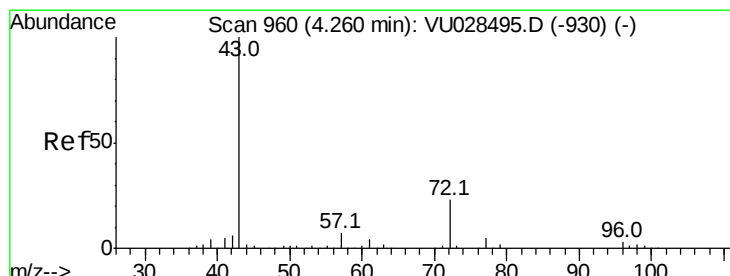
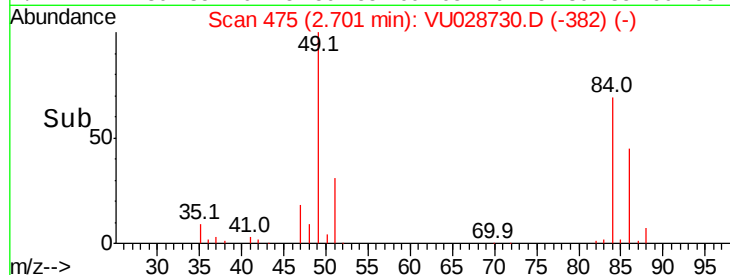
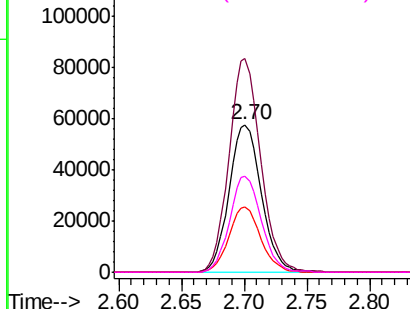
Abundance

Ion 83.90 (83.60 to 84.60): VU0

Ion 48.90 (48.60 to 49.60): VU0

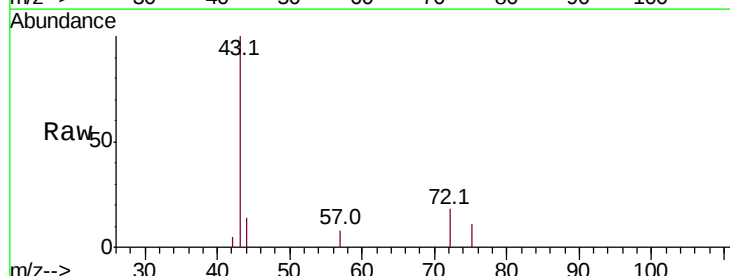
Ion 50.90 (50.60 to 51.60): VU0

Ion 85.90 (85.60 to 86.60): VU0



#25
2-Butanone
Concen: 4.727 ug/l
RT: 4.28 min Scan# 965
Delta R.T. 0.02 min
Lab File: VU028730.D
Acq: 17 Dec 2018 19:08

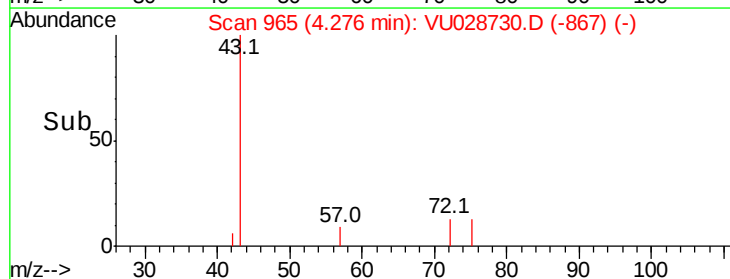
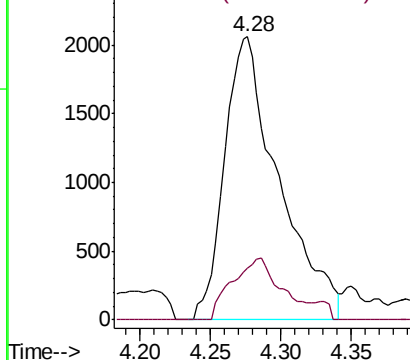
Tgt Ion:	43	Resp:	5521
Ion	Ratio	Lower	Upper
43	100		
72	18.5	18.6	28.0#

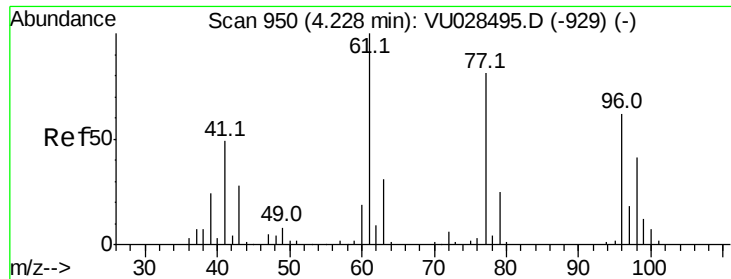


Abundance

Ion 43.00 (42.70 to 43.70): VU0

Ion 72.00 (71.70 to 72.70): VU0

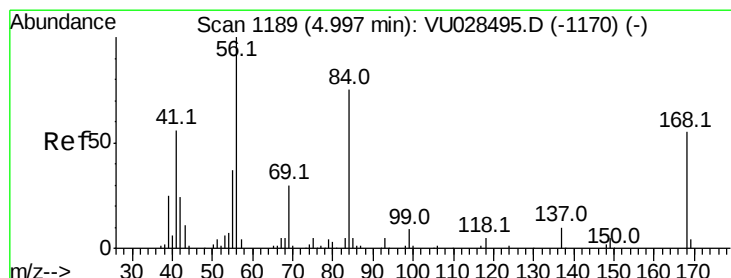
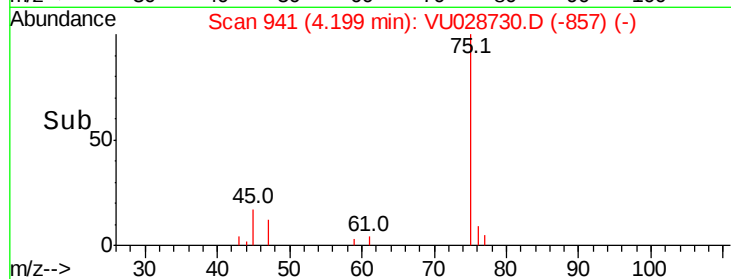
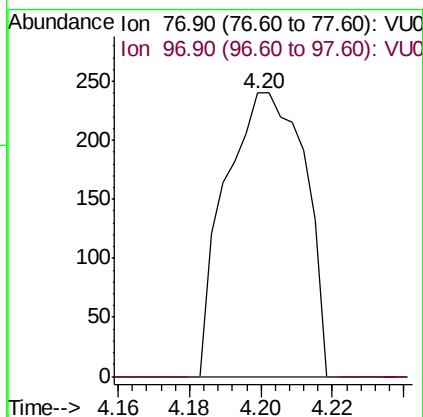
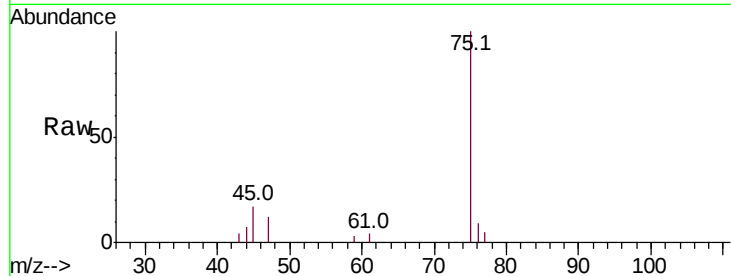




#26
 2,2-Dichloropropane
 Concen: 0.202 ug/l
 RT: 4.20 min Scan# 941
 Delta R.T. -0.03 min
 Lab File: VU028730.D
 Acq: 17 Dec 2018 19:08

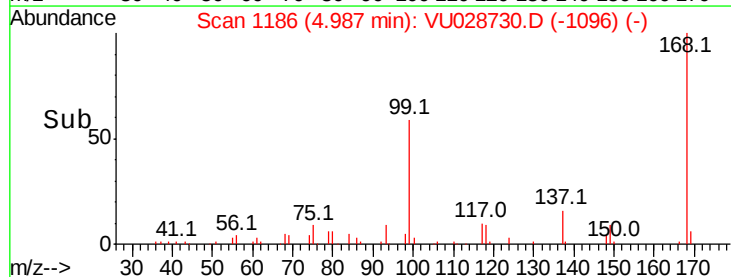
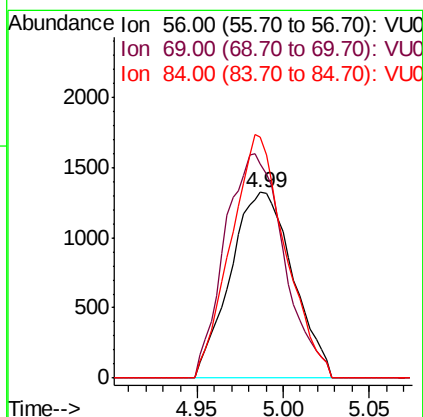
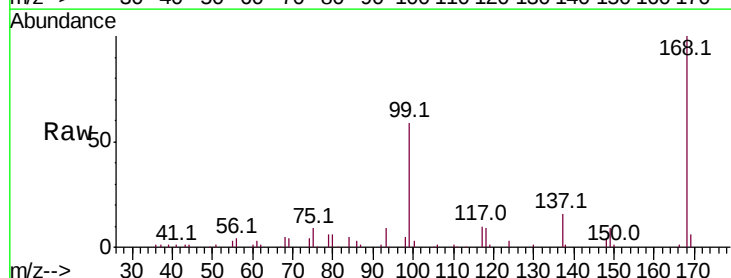
Instrument :
 MSVOA_U
 ClientSampled :

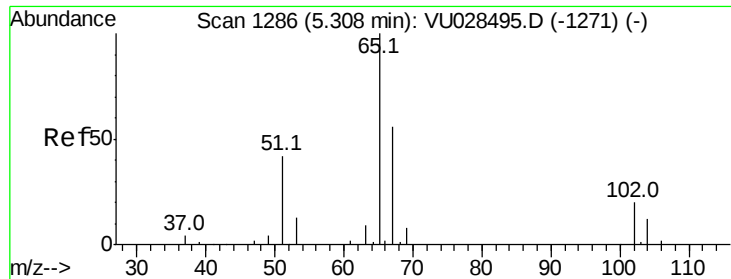
Tot Ion: 77 Resp: 369
 Ion Ratio Lower Upper
 77 100
 97 0.0 11.0 33.0#



#31
 Cyclohexane
 Concen: 0.300 ug/l
 RT: 4.99 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: VU028730.D
 Acq: 17 Dec 2018 19:08

Tgt Ion: 56 Resp: 3346
 Ion Ratio Lower Upper
 56 100
 69 115.4 24.0 36.0#
 84 130.2 59.7 89.5#

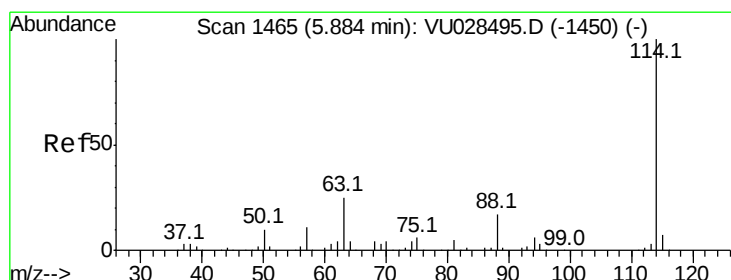
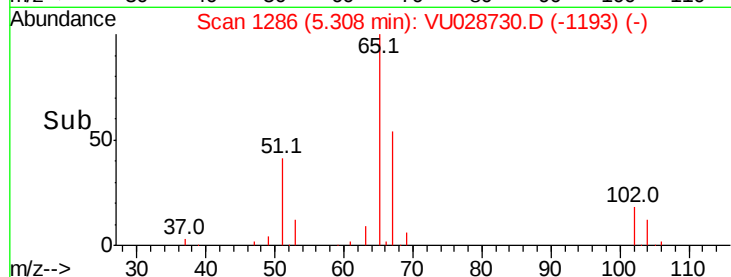
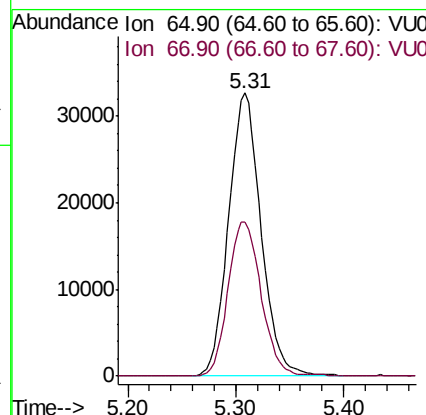
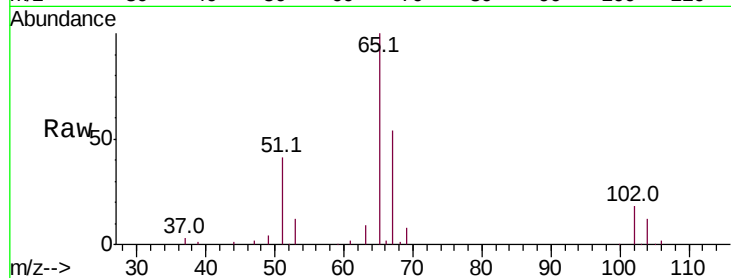




#33
 1,2-Dichloroethane-d4
 Concen: 52.351 ug/l
 RT: 5.31 min Scan# 1286
 Delta R.T. -0.00 min
 Lab File: VU028730.D
 Acq: 17 Dec 2018 19:08

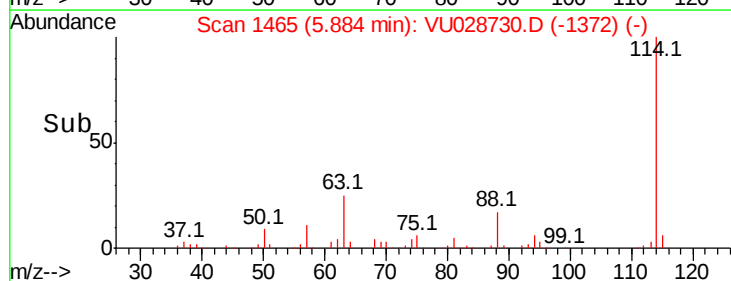
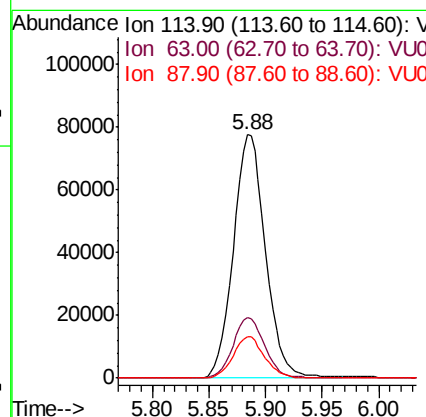
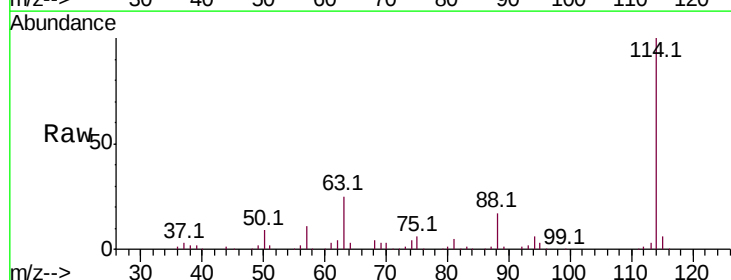
Instrument :
 MSVOA_U
 ClientSampleId :

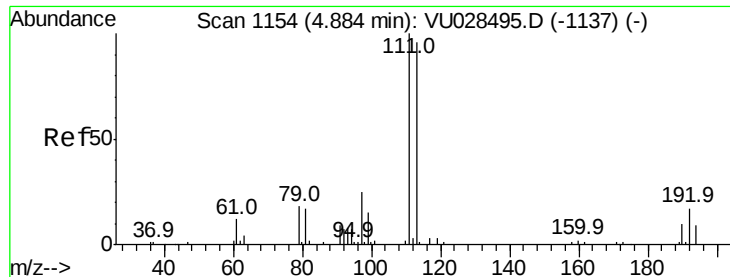
Tot Ion: 65 Resp: 68570
 Ion Ratio Lower Upper
 65 100
 67 55.3 0.0 110.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.88 min Scan# 1465
 Delta R.T. -0.00 min
 Lab File: VU028730.D
 Acq: 17 Dec 2018 19:08

Tgt Ion: 114 Resp: 152984
 Ion Ratio Lower Upper
 114 100
 63 24.9 0.0 49.2
 88 17.0 0.0 33.4

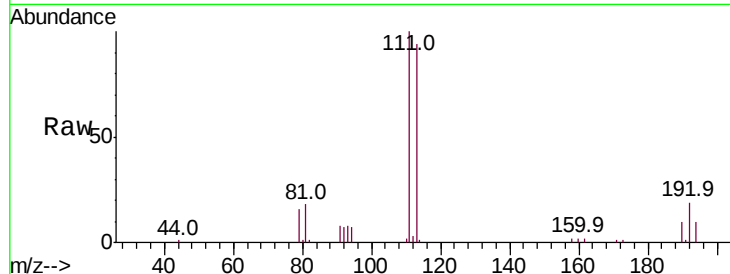




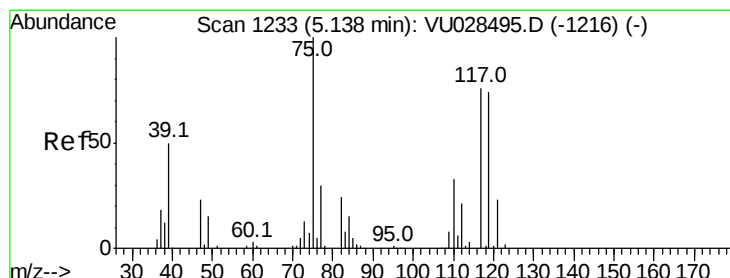
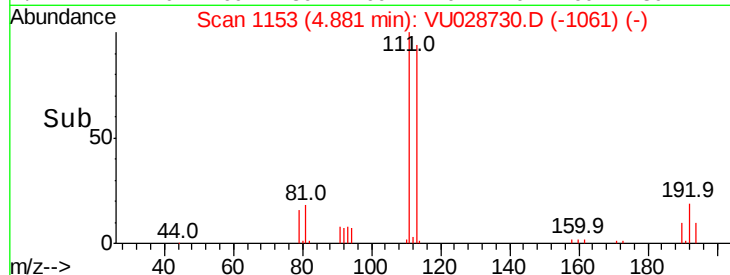
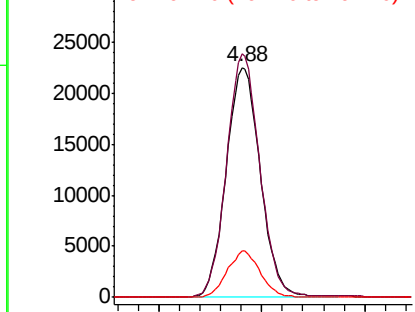
#35
 Dibromofluoromethane
 Concen: 54.205 ug/l
 RT: 4.88 min Scan# 1153
 Delta R.T. -0.00 min
 Lab File: VU028730.D
 Acq: 17 Dec 2018 19:08

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion:113 Resp: 52185
 Ion Ratio Lower Upper
 113 100
 111 102.6 83.4 125.0
 192 19.2 14.8 22.2

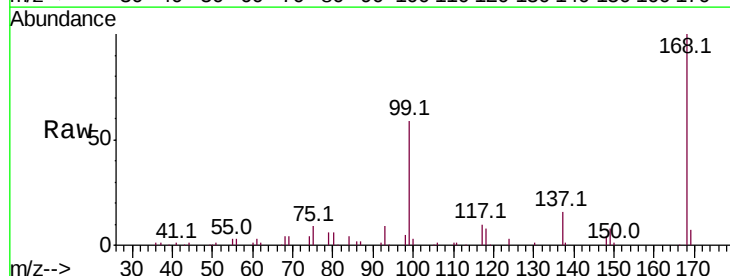


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

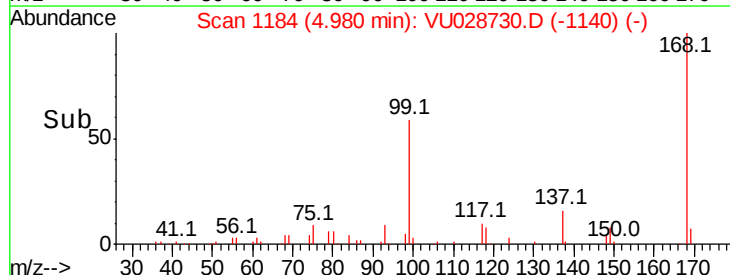
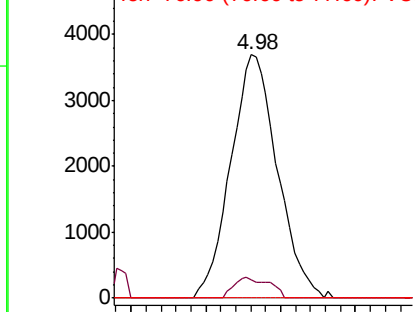


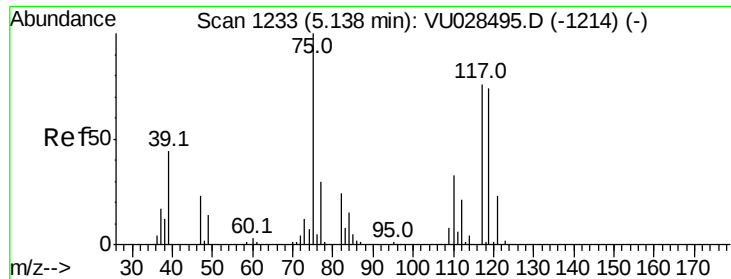
#36
 1,1-Dichloropropene
 Concen: 4.794 ug/l
 RT: 4.98 min Scan# 1184
 Delta R.T. -0.16 min
 Lab File: VU028730.D
 Acq: 17 Dec 2018 19:08

Tgt Ion: 75 Resp: 8025
 Ion Ratio Lower Upper
 75 100
 110 6.3 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: 6.300 ug/l

RT: 4.98 min Scan# 1185

Delta R.T. -0.15 min

Lab File: VU028730.D

Acq: 17 Dec 2018 19:08

Instrument :
MSVOA_U
ClientSampled :

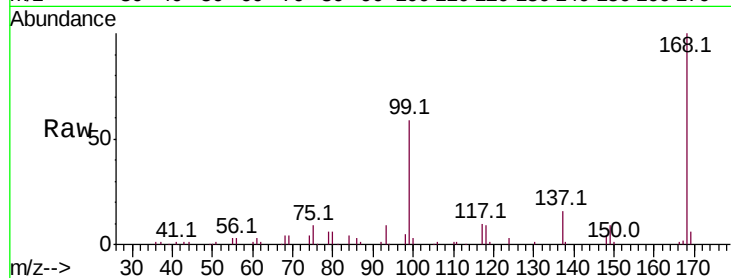
Tot Ion:117 Resp: 8501

Ion Ratio Lower Upper

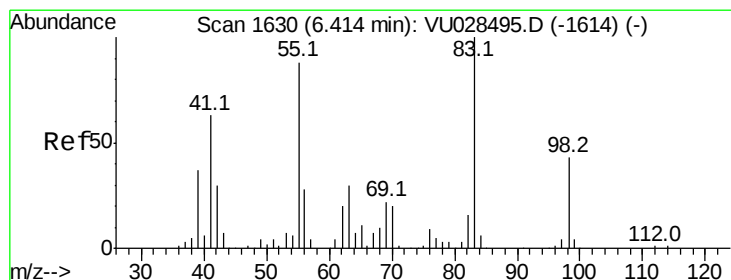
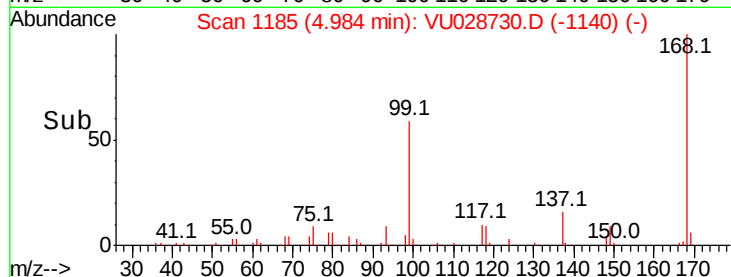
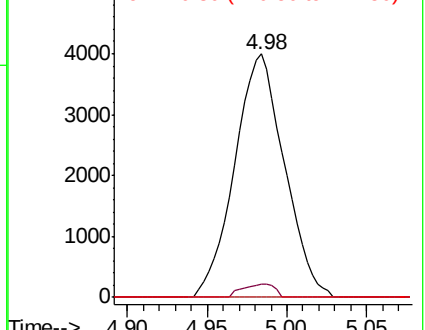
117 100

119 5.5 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



#39

Methylcyclohexane

Concen: 0.287 ug/l

RT: 6.41 min Scan# 1630

Delta R.T. -0.00 min

Lab File: VU028730.D

Acq: 17 Dec 2018 19:08

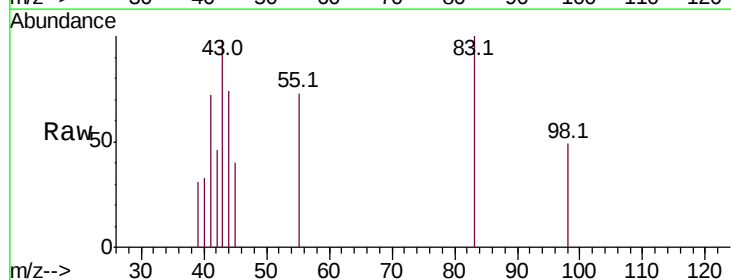
Tgt Ion: 83 Resp: 586

Ion Ratio Lower Upper

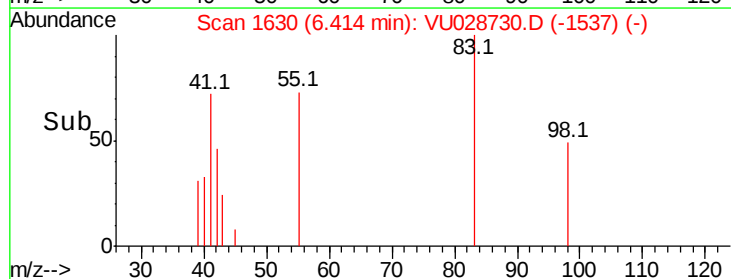
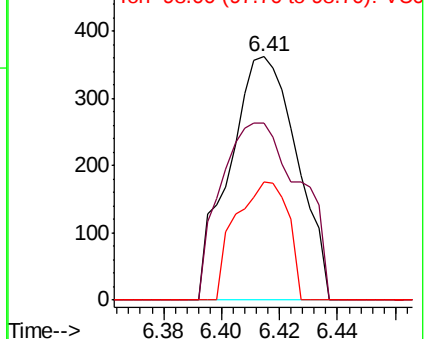
83 100

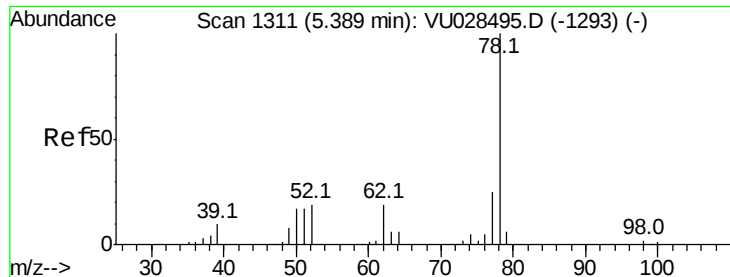
55 72.9 70.2 105.2

98 48.6 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

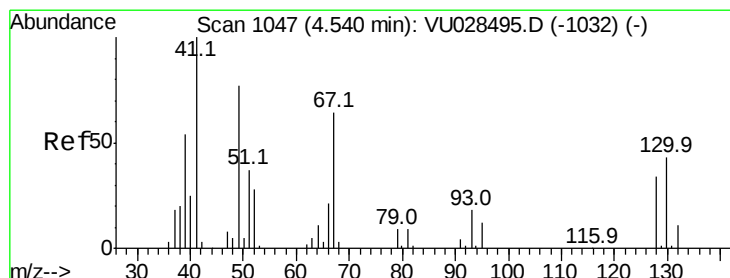
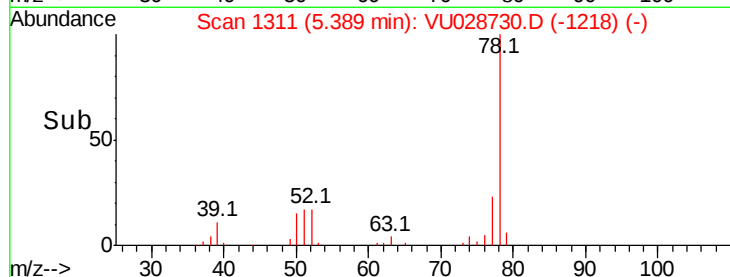
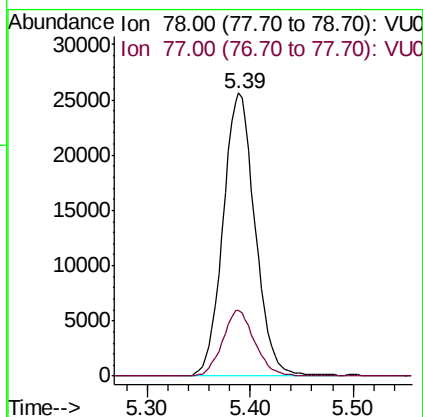
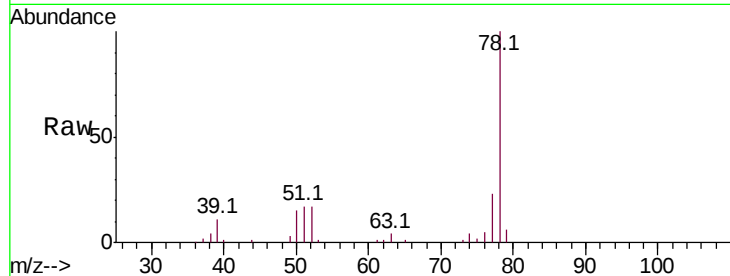




#40
Benzene
Concen: 11.237 ug/l
RT: 5.39 min Scan# 1311
Delta R.T. -0.00 min
Lab File: VU028730.D
Acq: 17 Dec 2018 19:08

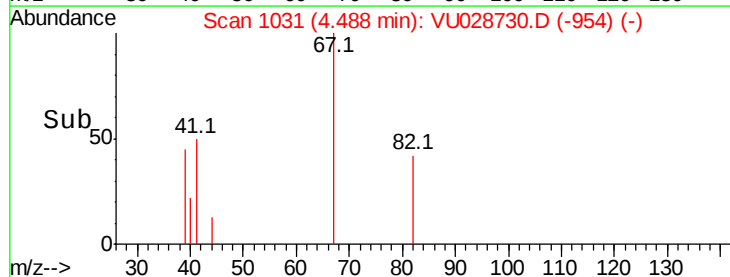
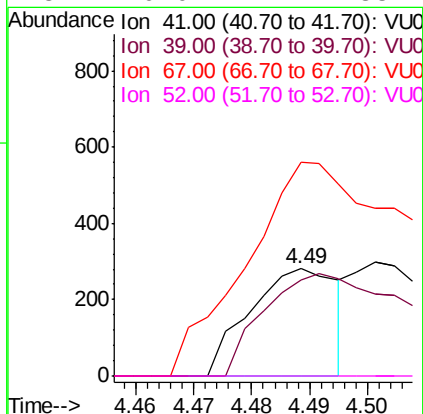
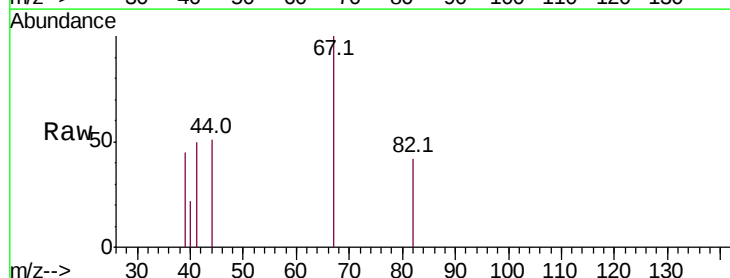
Instrument :
MSVOA_U
ClientSampled :

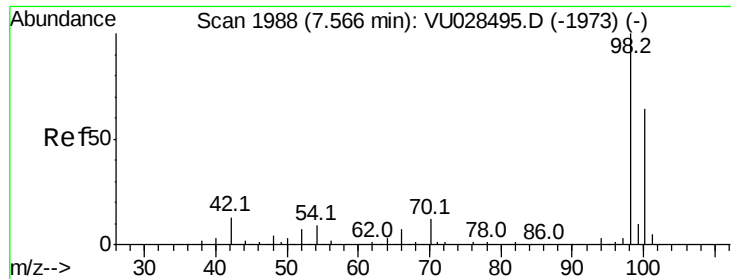
Tot Ion: 78 Resp: 55404
Ion Ratio Lower Upper
78 100
77 23.4 19.9 29.9



#41
Methacrylonitrile
Concen: 0.251 ug/l
RT: 4.49 min Scan# 1031
Delta R.T. -0.05 min
Lab File: VU028730.D
Acq: 17 Dec 2018 19:08

Tgt Ion: 41 Resp: 297
Ion Ratio Lower Upper
41 100
39 154.2 43.3 64.9#
67 402.0 53.6 80.4#
52 0.0 22.1 33.1#





#50

Toluene-d8

Concen: 52.045 ug/l

RT: 7.57 min Scan# 1988

Delta R.T. -0.00 min

Lab File: VU028730.D

Acq: 17 Dec 2018 19:08

Instrument :

MSVOA_U

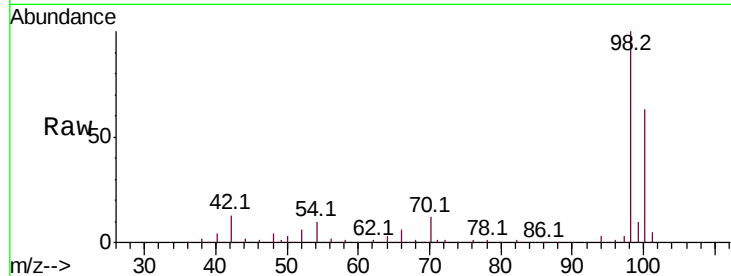
ClientSampleId :

Tot Ion: 98 Resp: 198211

Ion Ratio Lower Upper

98 100

100 62.6 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) (-)

7.57

120000

100000

80000

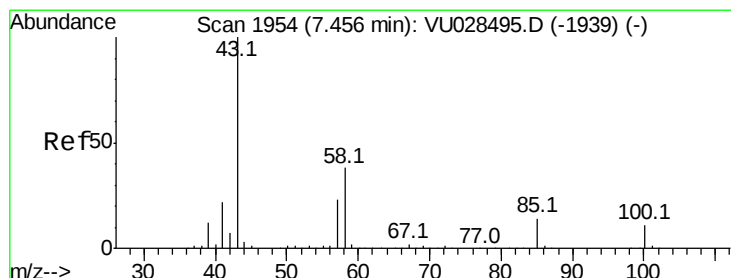
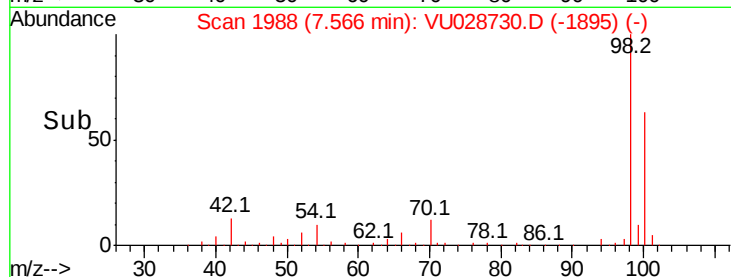
60000

40000

20000

0

Time-->



#51

4-Methyl-2-Pentanone

Concen: 0.640 ug/l

RT: 7.47 min Scan# 1958

Delta R.T. 0.01 min

Lab File: VU028730.D

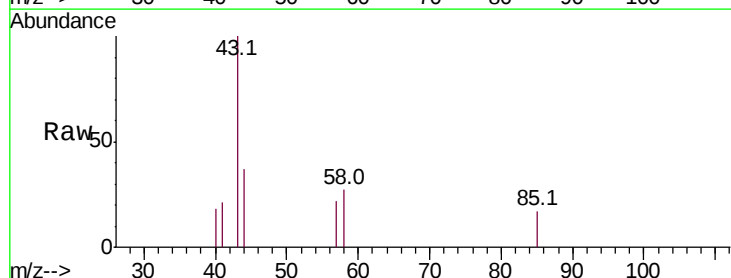
Acq: 17 Dec 2018 19:08

Tgt Ion: 43 Resp: 1382

Ion Ratio Lower Upper

43 100

58 15.1 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) (-)

7.47

800

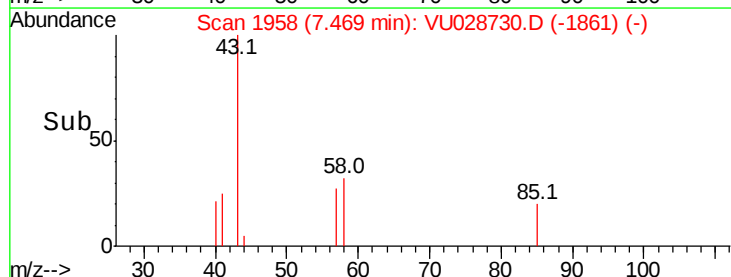
600

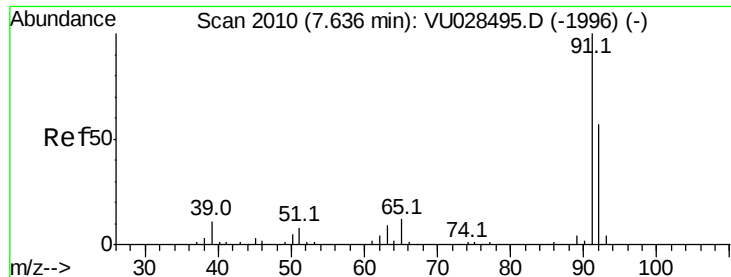
400

200

0

Time-->





#52

Toluene

Concen: 56.610 ug/l

RT: 7.64 min Scan# 2010

Delta R.T. -0.00 min

Lab File: VU028730.D

Acq: 17 Dec 2018 19:08

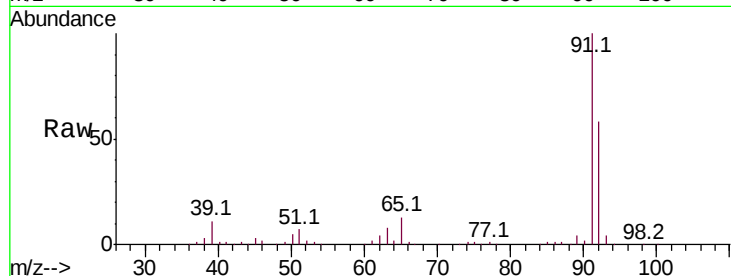
Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 92 Resp: 164267

Ion Ratio Lower Upper

92 100

91 174.4 140.2 210.4



Abundance Ion 92.00 (91.70 to 92.70): VU0
Ion 91.00 (90.70 to 91.70): VU0

150000

100000

50000

0

7.55

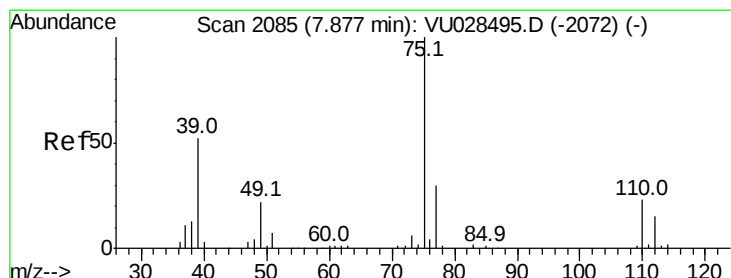
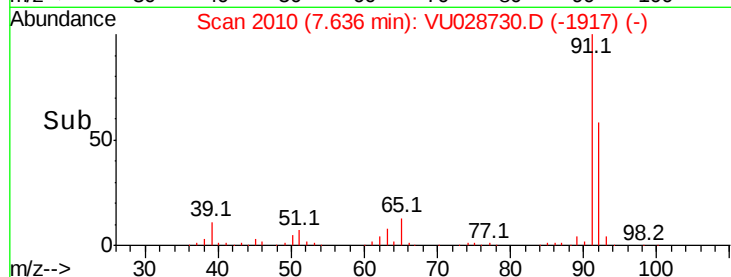
7.60

7.65

7.70

7.75

Time-->



#53

t-1,3-Dichloropropene

Concen: 0.944 ug/l

RT: 7.63 min Scan# 2009

Delta R.T. -0.24 min

Lab File: VU028730.D

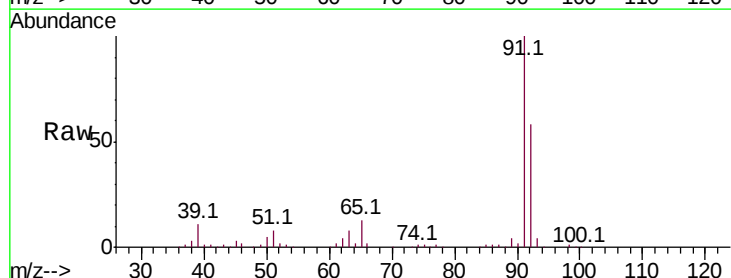
Acq: 17 Dec 2018 19:08

Tgt Ion: 75 Resp: 1799

Ion Ratio Lower Upper

75 100

77 149.8 24.2 36.4#



Abundance Ion 74.90 (74.60 to 75.60): VU0
Ion 76.90 (76.60 to 77.60): VU0

2000

1500

1000

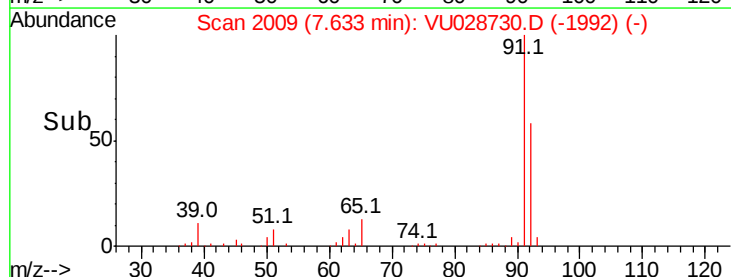
500

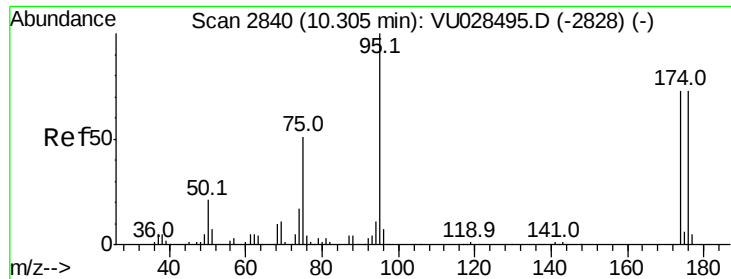
0

7.60

7.65

Time-->





#62

4-Bromofluorobenzene

Concen: 47.160 ug/l

RT: 10.30 min Scan# 2840

Delta R.T. -0.00 min

Lab File: VU028730.D

Acq: 17 Dec 2018 19:08

Instrument :

MSVOA_U

ClientSampled :

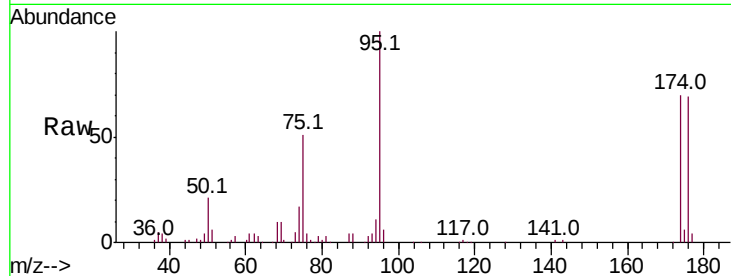
Tot Ion: 95 Resp: 67130

Ion Ratio Lower Upper

95 100

174 73.7 0.0 150.4

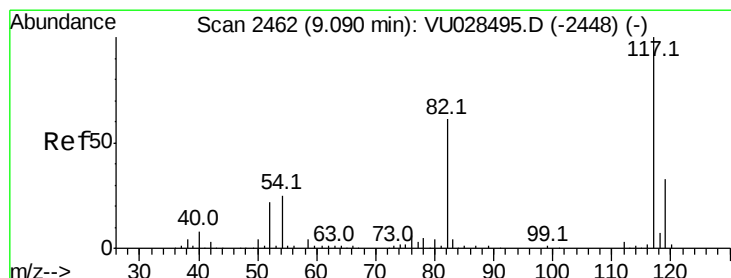
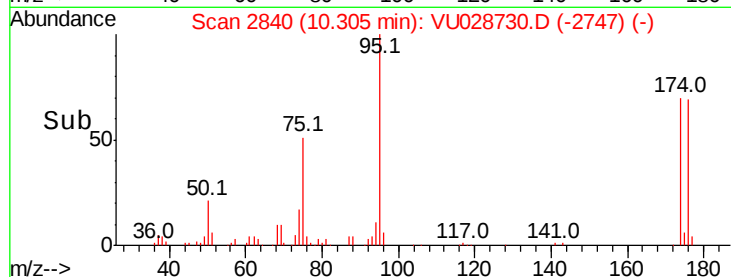
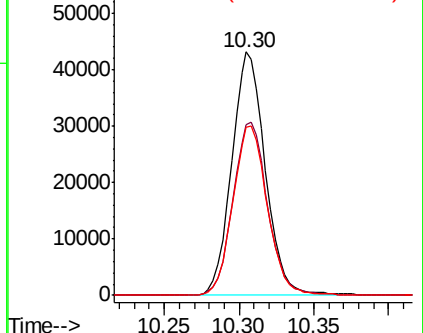
176 71.8 0.0 145.2



Abundance Ion 94.90 (94.60 to 95.60): VU028495.D (-2828) (-)

Ion 173.80 (173.50 to 174.50): VU028495.D (-2828) (-)

Ion 175.80 (175.50 to 176.50): VU028495.D (-2828) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.09 min Scan# 2462

Delta R.T. -0.00 min

Lab File: VU028730.D

Acq: 17 Dec 2018 19:08

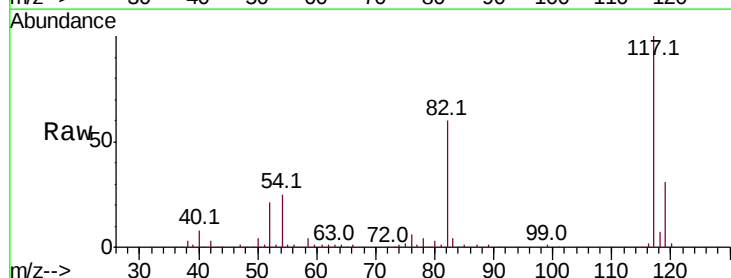
Tgt Ion: 117 Resp: 139044

Ion Ratio Lower Upper

117 100

82 60.3 48.9 73.3

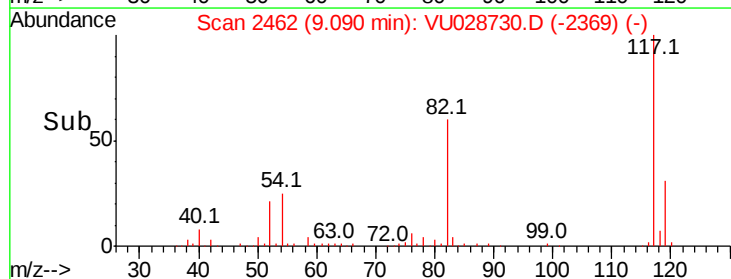
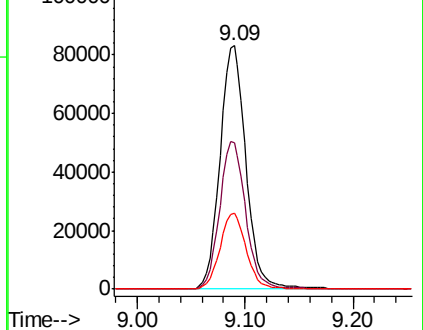
119 31.2 26.2 39.4

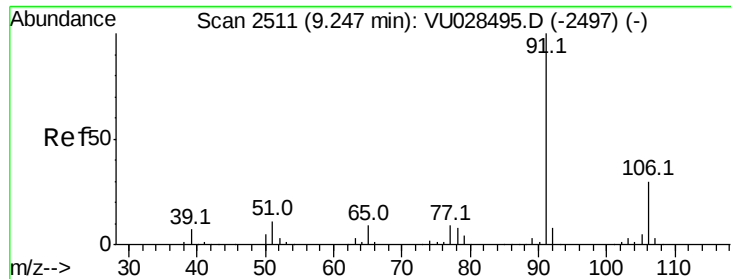


Abundance Ion 116.90 (116.60 to 117.60): VU028495.D (-2448) (-)

Ion 82.00 (81.70 to 82.70): VU028495.D (-2448) (-)

Ion 118.90 (118.60 to 119.60): VU028495.D (-2448) (-)

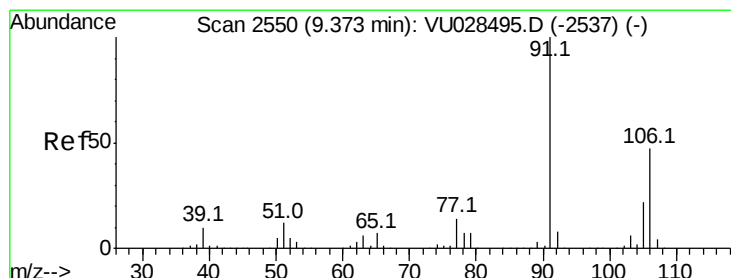
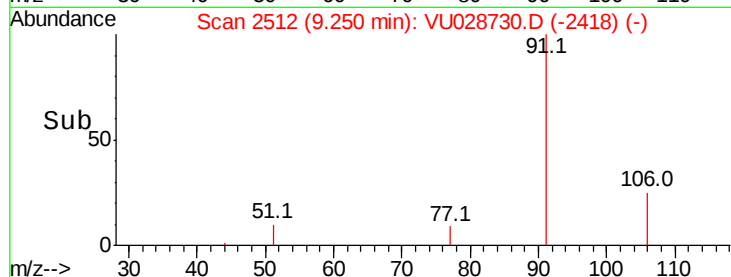
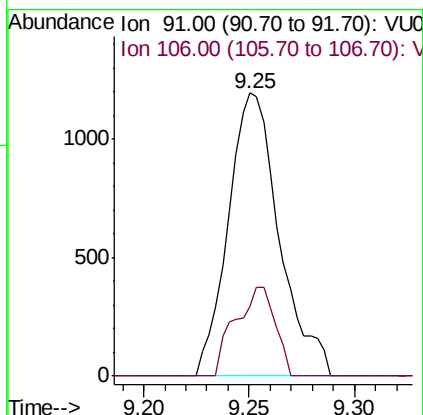
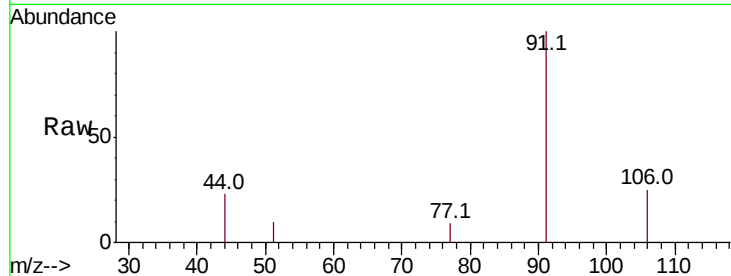




#67
Ethyl Benzene
Concen: 0.369 ug/l
RT: 9.25 min Scan# 2512
Delta R.T. 0.00 min
Lab File: VU028730.D
Acq: 17 Dec 2018 19:08

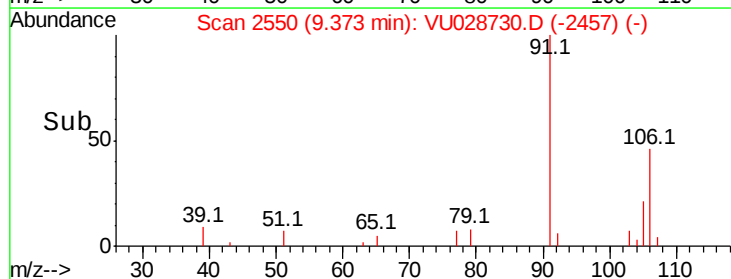
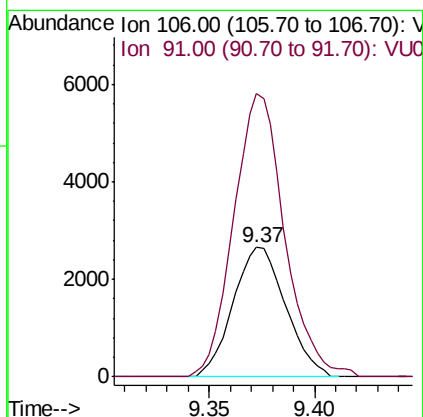
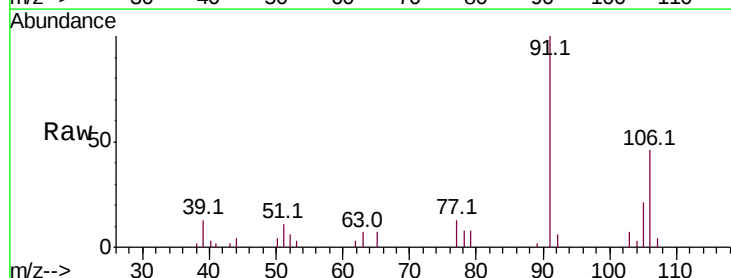
Instrument :
MSVOA_U
ClientSampleId :

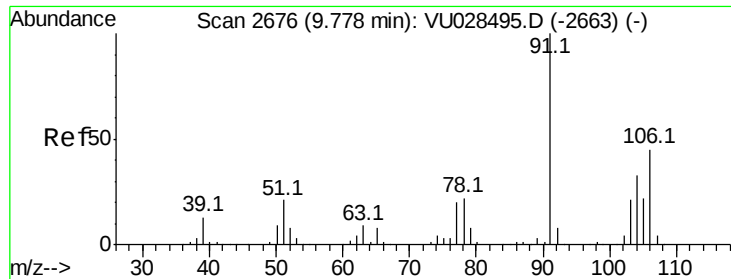
Tot Ion: 91 Resp: 2008
Ion Ratio Lower Upper
91 100
106 24.7 24.1 36.1



#68
m/p-Xylenes
Concen: 2.325 ug/l
RT: 9.37 min Scan# 2550
Delta R.T. -0.00 min
Lab File: VU028730.D
Acq: 17 Dec 2018 19:08

Tgt Ion: 106 Resp: 4607
Ion Ratio Lower Upper
106 100
91 211.4 167.4 251.0

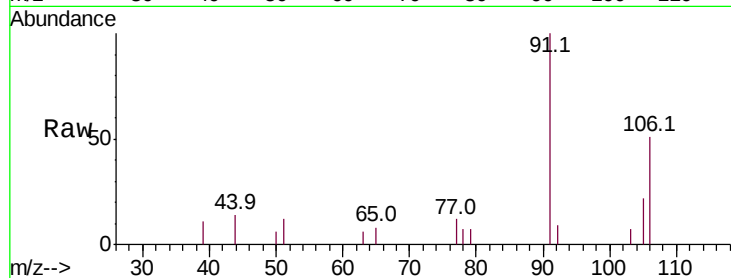




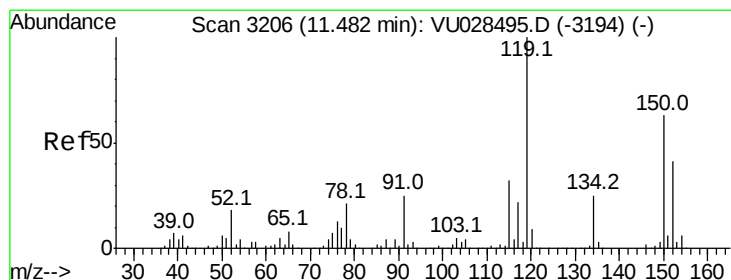
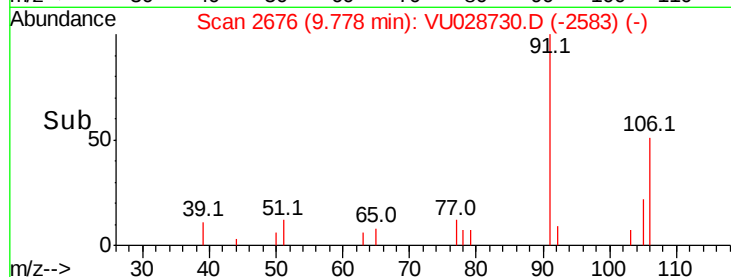
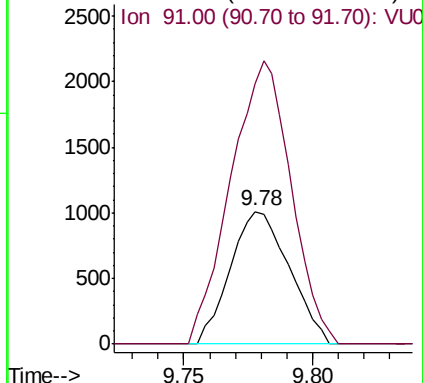
#69
o-Xylene
Concen: 0.838 ug/l
RT: 9.78 min Scan# 2676
Delta R.T. -0.00 min
Lab File: VU028730.D
Acq: 17 Dec 2018 19:08

Instrument :
MSVOA_U
ClientSampled :

Tot Ion:106 Resp: 1614
Ion Ratio Lower Upper
106 100
91 218.5 111.3 334.0

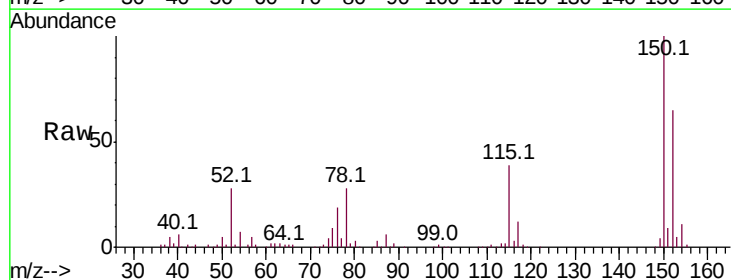


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0

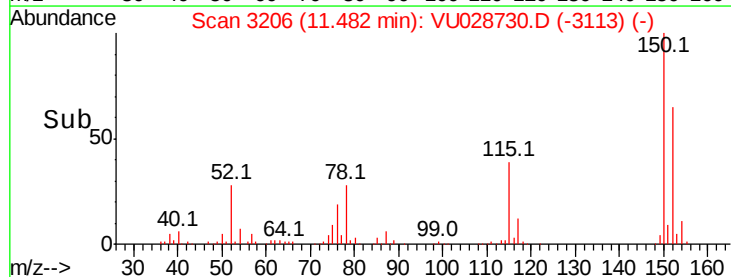
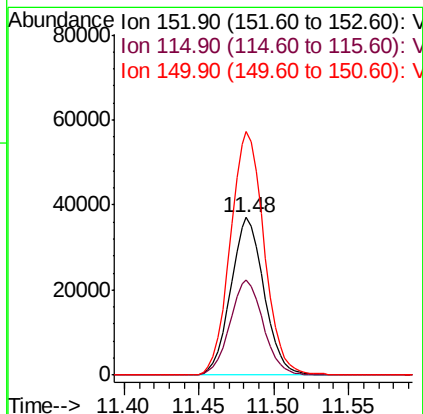


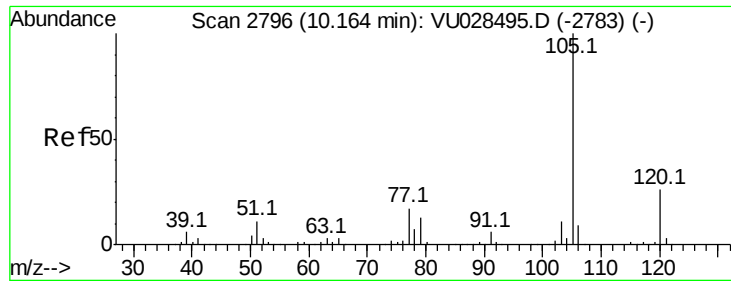
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.48 min Scan# 3206
Delta R.T. -0.00 min
Lab File: VU028730.D
Acq: 17 Dec 2018 19:08

Tgt Ion:152 Resp: 57499
Ion Ratio Lower Upper
152 100
115 60.3 42.7 128.1
150 156.6 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





#73

Isopropylbenzene

Concen: 0.496 ug/l

RT: 10.16 min Scan# 2796

Delta R.T. -0.00 min

Lab File: VU028730.D

Acq: 17 Dec 2018 19:08

Instrument :

MSVOA_U

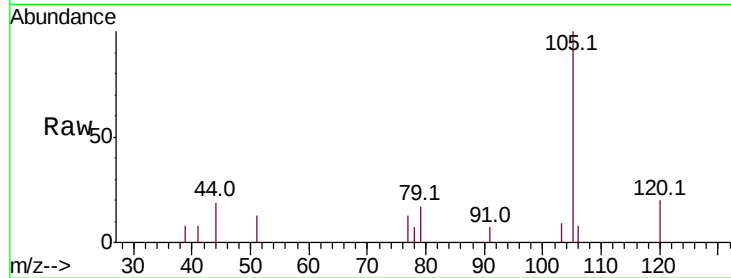
ClientSampleId :

Tot Ion:105 Resp: 2188

Ion Ratio Lower Upper

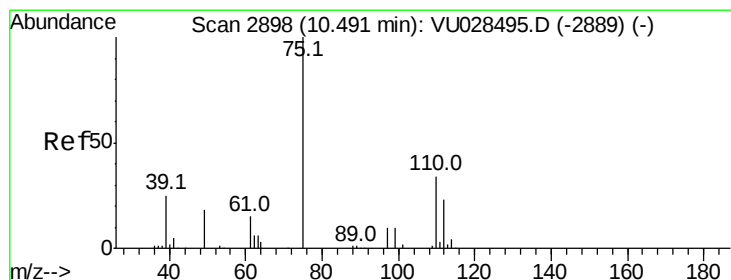
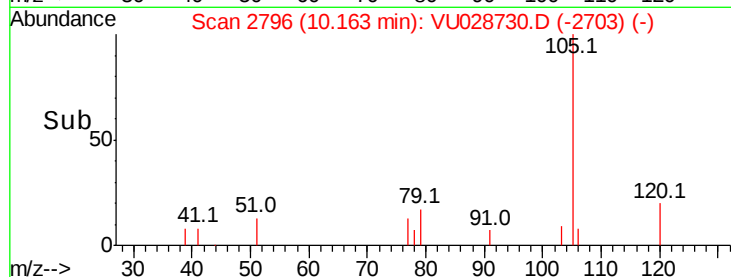
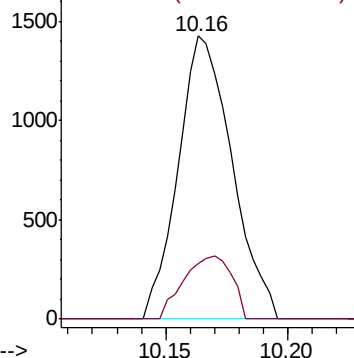
105 100

120 20.0 12.9 38.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#76

1,2,3-Trichloropropane

Concen: 23.508 ug/l

RT: 10.30 min Scan# 2840

Delta R.T. -0.19 min

Lab File: VU028730.D

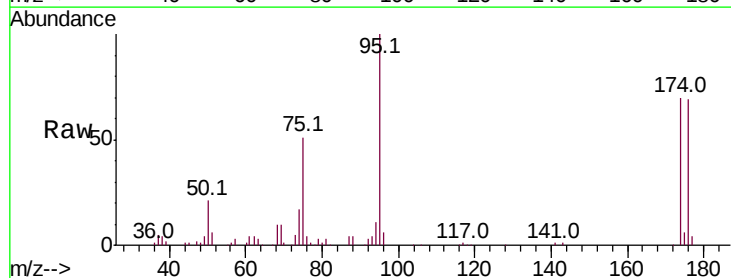
Acq: 17 Dec 2018 19:08

Tgt Ion: 75 Resp: 34516

Ion Ratio Lower Upper

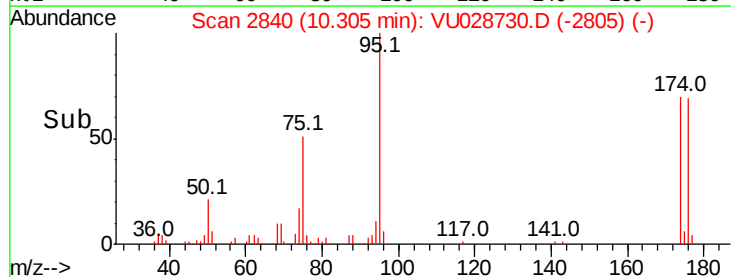
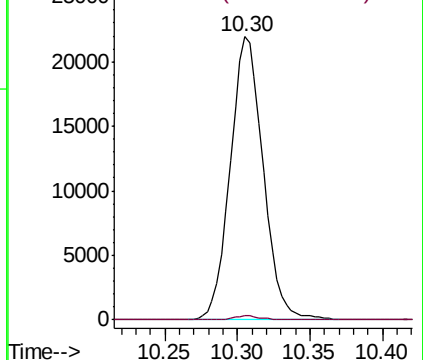
75 100

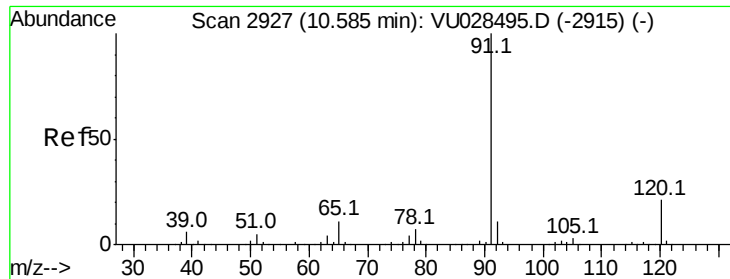
77 1.1 20.8 62.4#



Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 77.00 (76.70 to 77.70): VU0





#78

n-propylbenzene

Concen: 1.247 ug/l

RT: 10.58 min Scan# 2927

Delta R.T. -0.00 min

Lab File: VU028730.D

Acq: 17 Dec 2018 19:08

Instrument :

MSVOA_U

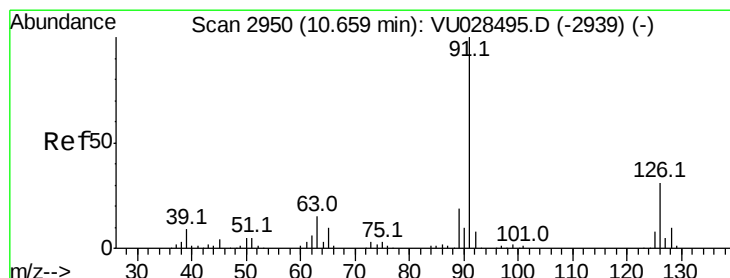
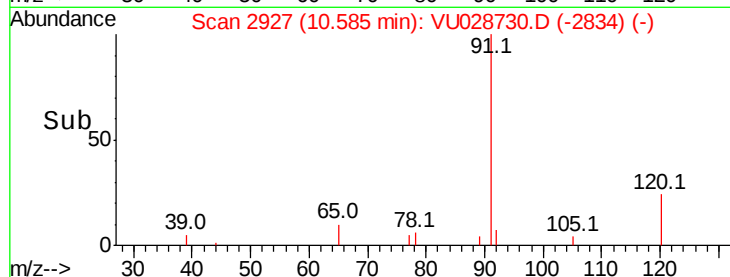
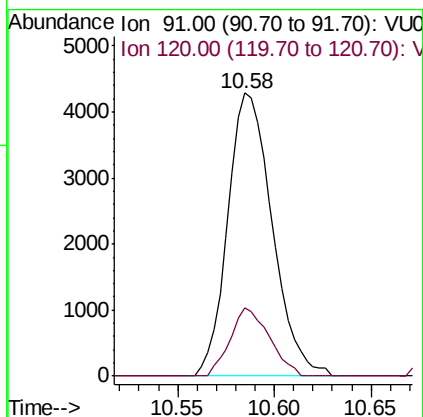
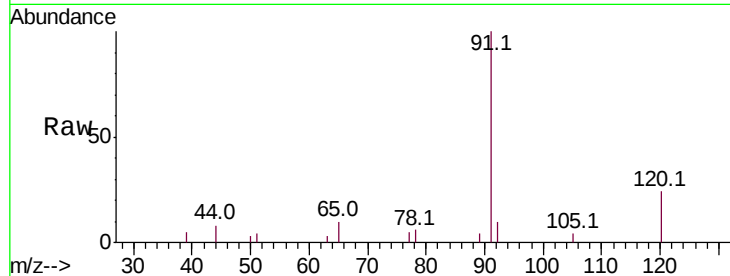
ClientSampleId :

Tot Ion: 91 Resp: 6839

Ion Ratio Lower Upper

91 100

120 21.2 10.6 31.8



#79

2-Chlorotoluene

Concen: 2.166 ug/l

RT: 10.58 min Scan# 2927

Delta R.T. -0.07 min

Lab File: VU028730.D

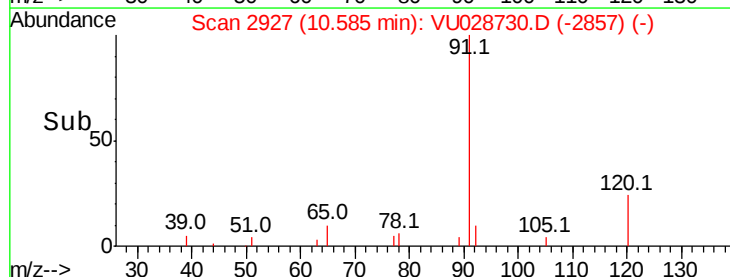
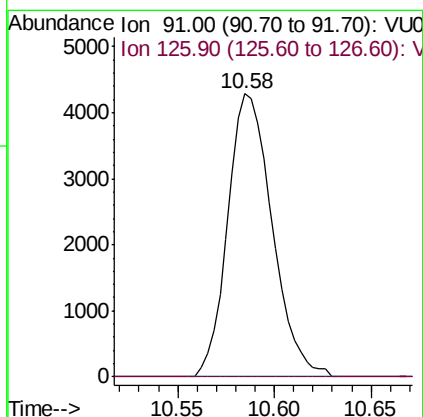
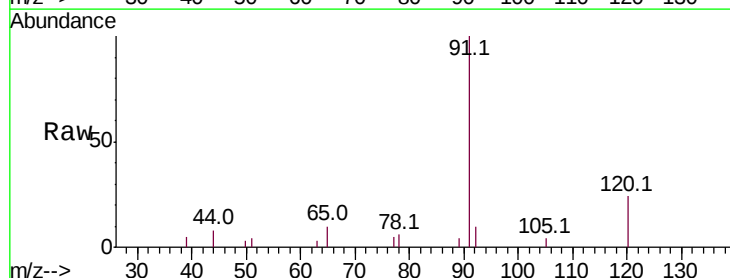
Acq: 17 Dec 2018 19:08

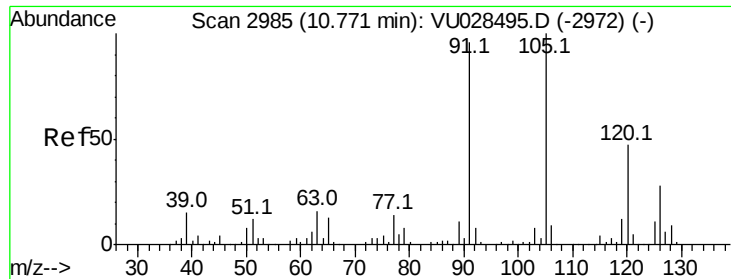
Tgt Ion: 91 Resp: 6839

Ion Ratio Lower Upper

91 100

126 0.0 15.6 46.8#





#80

1,3,5-Trimethylbenzene

Concen: 0.322 ug/l

RT: 10.77 min Scan# 2985

Delta R.T. -0.00 min

Lab File: VU028730.D

Acq: 17 Dec 2018 19:08

Instrument :

MSVOA_U

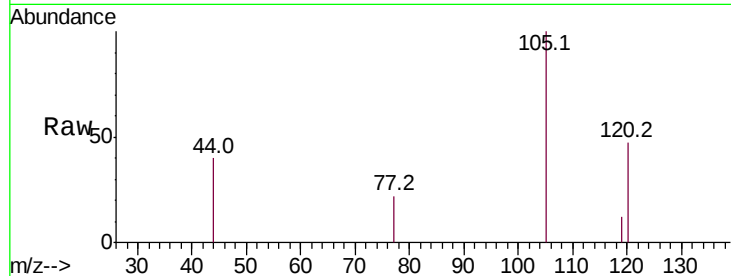
ClientSampleId :

Tot Ion:105 Resp: 1177

Ion Ratio Lower Upper

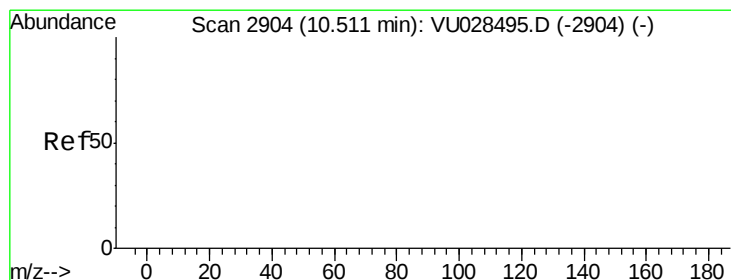
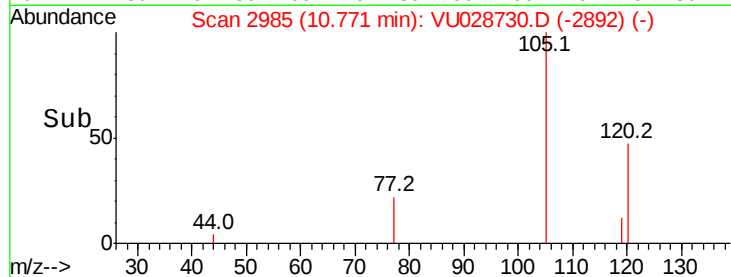
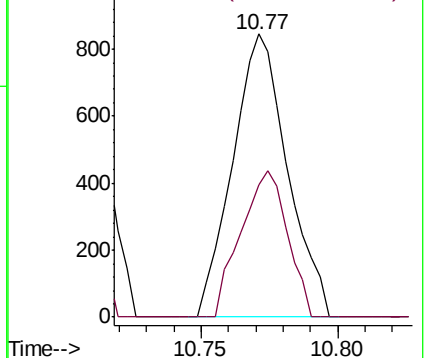
105 100

120 43.9 23.7 71.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#81

trans-1,4-Dichloro-2-butene

Concen: 57.718 ug/l

RT: 10.30 min Scan# 2840

Delta R.T. -0.21 min

Lab File: VU028730.D

Acq: 17 Dec 2018 19:08

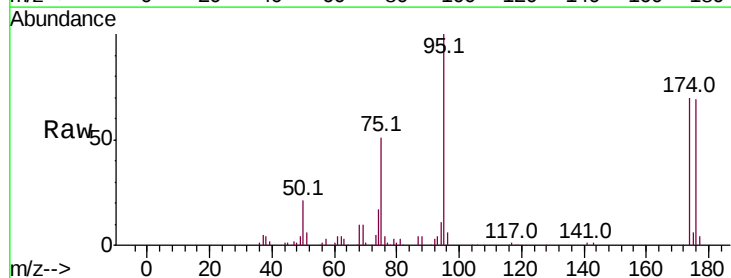
Tgt Ion: 75 Resp: 34516

Ion Ratio Lower Upper

75 100

53 0.0 0.0 0.0

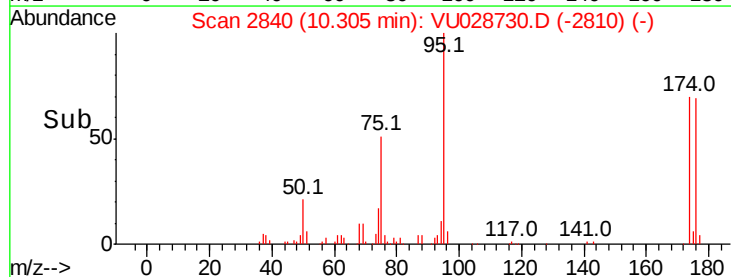
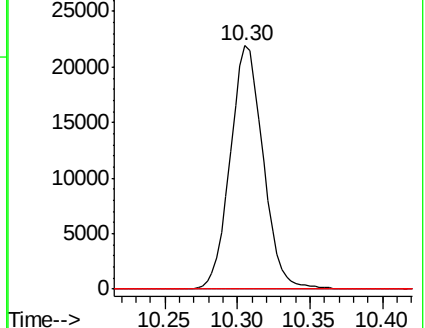
89 0.0 0.0 0.0

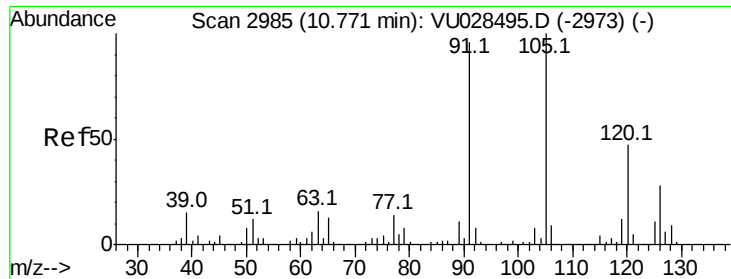


Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 53.00 (52.70 to 53.70): VU0

Ion 88.90 (88.60 to 89.60): VU0

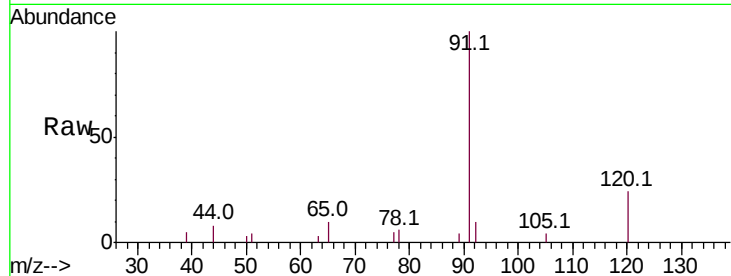




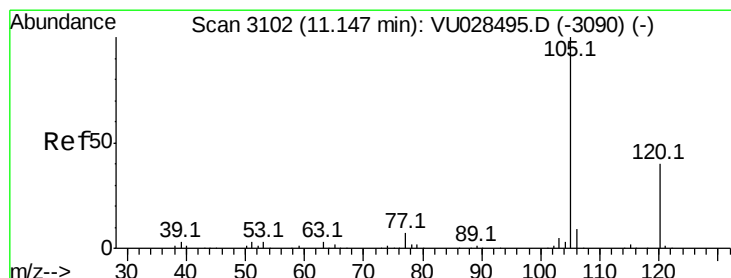
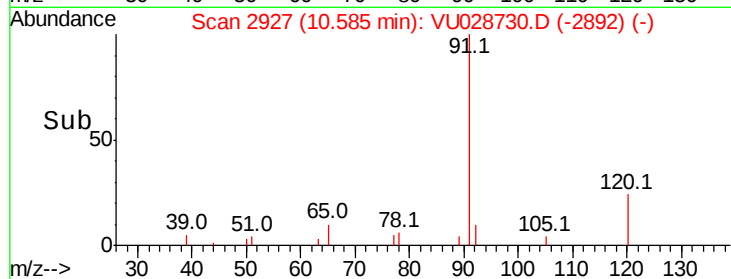
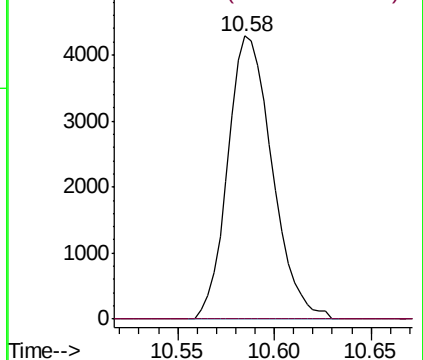
#82
4-Chlorotoluene
Concen: 1.827 ug/l
RT: 10.58 min Scan# 2927
Delta R.T. -0.19 min
Lab File: VU028730.D
Acq: 17 Dec 2018 19:08

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 91 Resp: 6839
Ion Ratio Lower Upper
91 100
126 0.0 14.1 42.3#

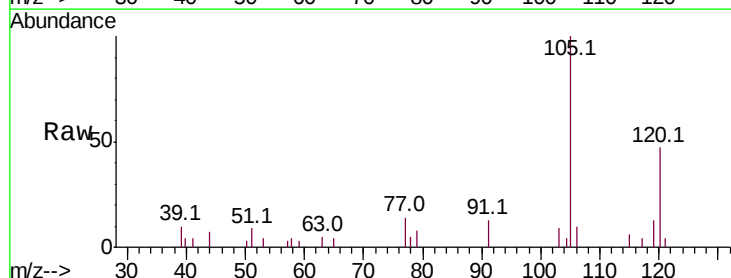


Abundance Ion 91.00 (90.70 to 91.70): VU028495.D (-2973) (-)
Ion 125.90 (125.60 to 126.60): VU028495.D (-2973) (-)

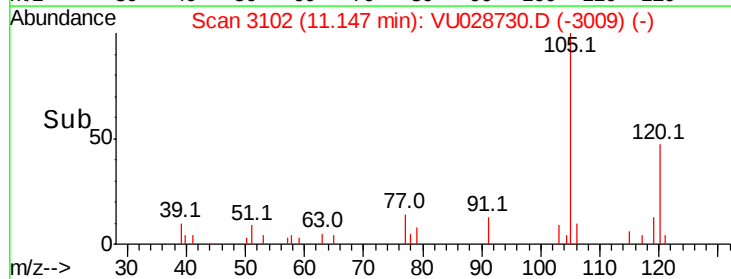
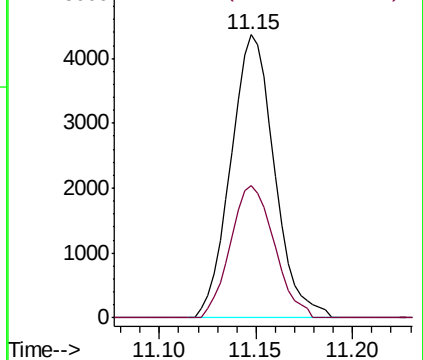


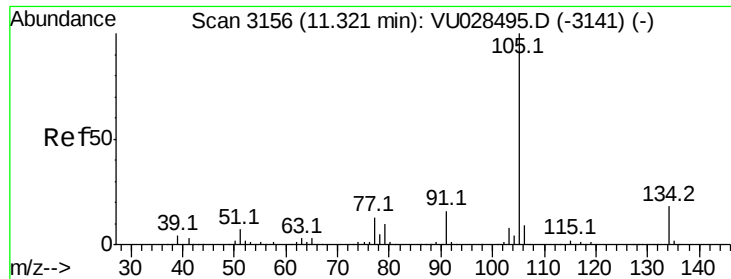
#84
1,2,4-Trimethylbenzene
Concen: 1.819 ug/l
RT: 11.15 min Scan# 3102
Delta R.T. -0.00 min
Lab File: VU028730.D
Acq: 17 Dec 2018 19:08

Tgt Ion: 105 Resp: 6846
Ion Ratio Lower Upper
105 100
120 47.0 21.8 65.4



Abundance Ion 105.00 (104.70 to 105.70): VU028495.D (-3090) (-)
Ion 120.00 (119.70 to 120.70): VU028495.D (-3090) (-)





#85

sec-Butylbenzene

Concen: 0.352 ug/l

RT: 11.32 min Scan# 3157

Delta R.T. 0.00 min

Lab File: VU028730.D

Acq: 17 Dec 2018 19:08

Instrument :

MSVOA_U

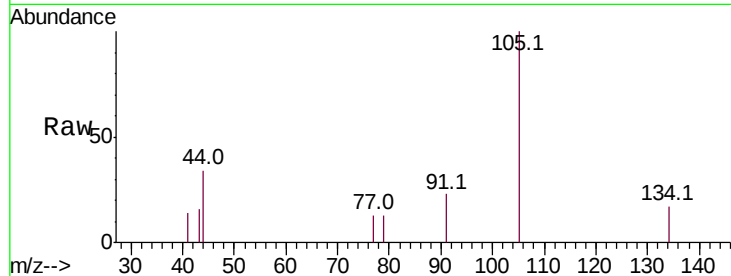
ClientSampleId :

Tot Ion: 105 Resp: 1590

Ion Ratio Lower Upper

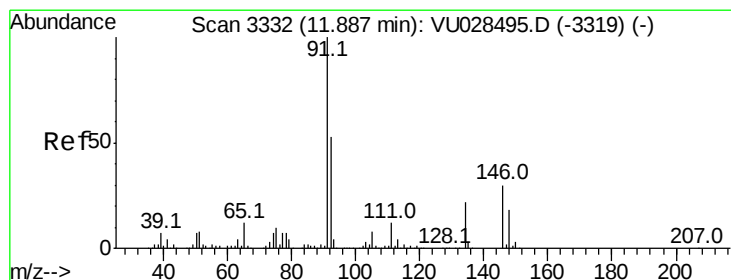
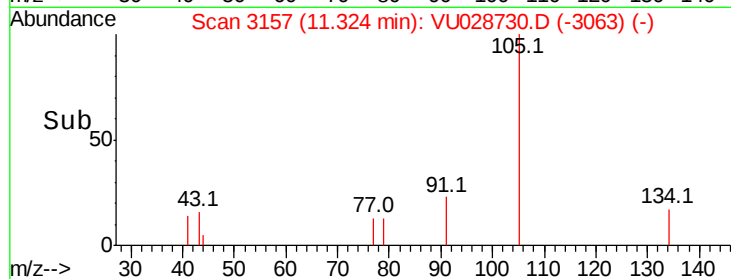
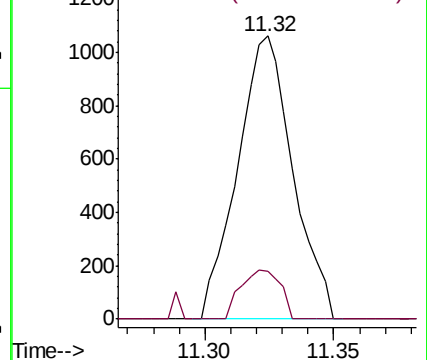
105 100

134 12.4 9.2 27.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#89

n-Butylbenzene

Concen: 0.344 ug/l

RT: 11.89 min Scan# 3333

Delta R.T. 0.00 min

Lab File: VU028730.D

Acq: 17 Dec 2018 19:08

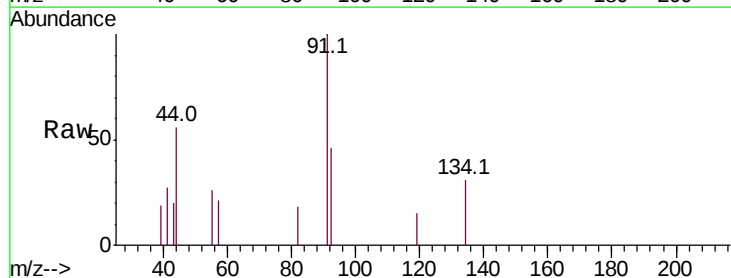
Tgt Ion: 91 Resp: 1339

Ion Ratio Lower Upper

91 100

92 37.9 26.3 78.9

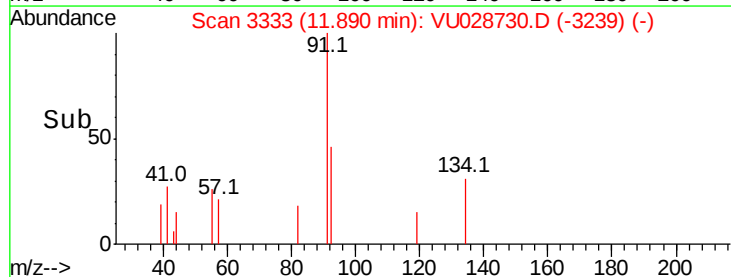
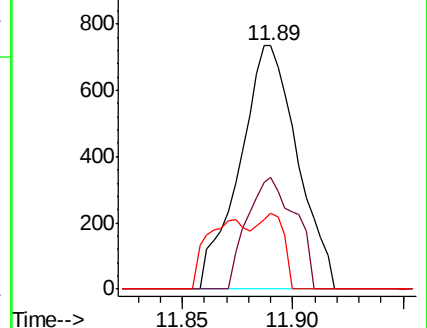
134 20.7 11.3 33.8

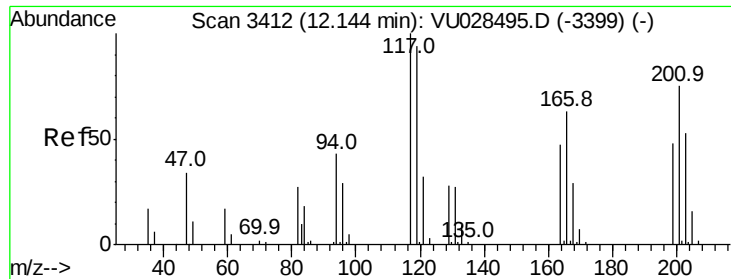


Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 92.00 (91.70 to 92.70): VU0

Ion 134.00 (133.70 to 134.70): V

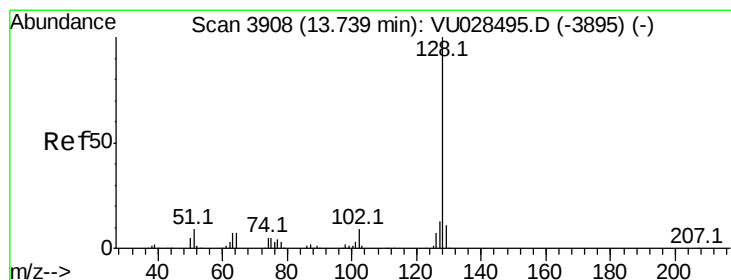
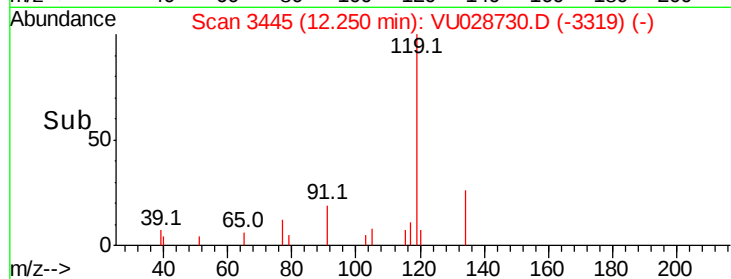
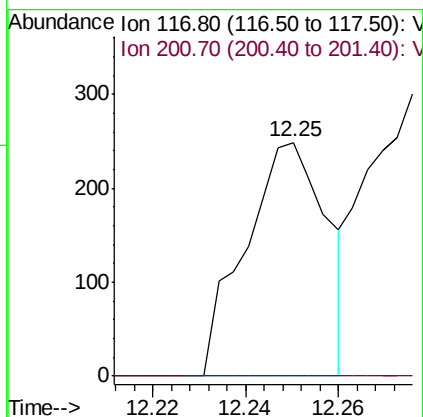
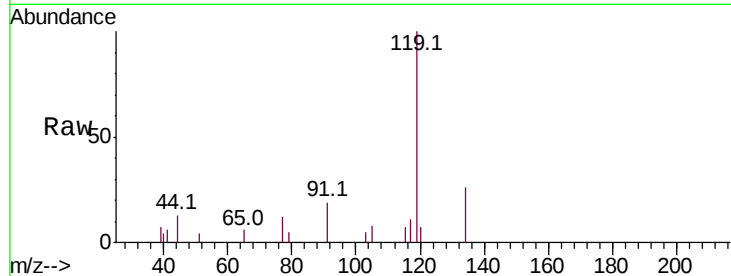




#90
Hexachloroethane
Concen: 0.525 ug/l
RT: 12.25 min Scan# 3445
Delta R.T. 0.11 min
Lab File: VU028730.D
Acq: 17 Dec 2018 19:08

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion:117 Resp: 305
Ion Ratio Lower Upper
117 100
201 0.0 38.1 114.5#



#95
Naphthalene
Concen: 1.912 ug/l
RT: 13.75 min Scan# 3910
Delta R.T. 0.01 min
Lab File: VU028730.D
Acq: 17 Dec 2018 19:08

Tgt Ion:128 Resp: 8942
Ion Ratio Lower Upper
128 100
127 12.1 10.4 15.6
129 10.7 8.6 13.0

