

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U121318\
 Data File : VU028650.D
 Acq On : 12 Dec 2018 14:22
 Operator : MD/SY
 Sample : J6305-01DL 10X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 P001-SW001-01DL

Quant Time: Dec 13 00:48:17 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	102525	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	182582	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	162885	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	68634	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.31	65	79761	50.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.96%	
35) Dibromofluoromethane	4.88	113	59558	51.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.66%	
50) Toluene-d8	7.56	98	234006	51.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.96%	
62) 4-Bromofluorobenzene	10.30	95	78592	46.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.52%	

Target Compounds

						Qvalue
3) Chloromethane	1.33	50	1837	0.727	ug/l	97
4) Vinyl Chloride	1.28	62	2538	1.392	ug/l #	1
9) 1,1,2-Trichlorotrifluoroet	2.08	101	887	0.773	ug/l #	20
11) Tert butyl alcohol	2.83	59	2139	6.136	ug/l #	73
14) Allyl chloride	2.55	41	1705	0.631	ug/l #	37
16) Acetone	2.32	43	14838	14.533	ug/l	98
18) Methyl Acetate	2.62	43	2898	1.095	ug/l #	87
25) 2-Butanone	4.27	43	11459	8.213	ug/l	98
29) Tetrahydrofuran	4.64	42	3398	3.792	ug/l	94
31) Cyclohexane	4.98	56	4008	0.304	ug/l #	11
36) 1,1-Dichloropropene	4.98	75	8695	4.352	ug/l #	49
37) Ethyl Acetate	4.27	43	11459	4.437	ug/l #	70
38) Carbon Tetrachloride	4.98	117	9781	6.074	ug/l #	15
39) Methylcyclohexane	6.41	83	1334	0.547	ug/l #	79
40) Benzene	5.39	78	19213	3.265	ug/l	98
49) 1,4-Dioxane	6.62	88	149	4.645	ug/l #	19
51) 4-Methyl-2-Pentanone	7.46	43	5409	2.099	ug/l	95
52) Toluene	7.64	92	53613	15.481	ug/l	99
53) t-1,3-Dichloropropene	7.64	75	466	0.205	ug/l #	1
56) Ethyl methacrylate	7.91	69	847	0.361	ug/l #	38
59) 2-Hexanone	8.37	43	1257	0.616	ug/l #	58
67) Ethyl Benzene	9.25	91	33649	5.274	ug/l	100
68) m/p-Xylenes	9.37	106	53686	23.123	ug/l	100
69) o-Xylene	9.78	106	27154	12.035	ug/l	97
70) Styrene	9.79	104	14775	3.957	ug/l #	78
73) Isopropylbenzene	10.16	105	3436	0.652	ug/l	99
76) 1,2,3-Trichloropropane	10.30	75	39957	22.799	ug/l #	36
78) n-propylbenzene	10.59	91	9130	1.395	ug/l	100
79) 2-Chlorotoluene	10.68	91	6955	1.845	ug/l #	43
80) 1,3,5-Trimethylbenzene	10.77	105	18650	4.278	ug/l	96
81) trans-1,4-Dichloro-2-buten	10.30	75	39957	55.992	ug/l #	100
82) 4-Chlorotoluene	10.77	91	2078	0.465	ug/l #	47
83) tert-Butylbenzene	11.15	119	6874	1.636	ug/l #	59
84) 1,2,4-Trimethylbenzene	11.15	105	58534	13.028	ug/l	99

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU121318\
Data File : VU028650.D
Acq On : 12 Dec 2018 14:22
Operator : MD/SY
Sample : J6305-01DL 10X
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 44 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
P001-SW001-01DL

Quant Time: Dec 13 00:48:17 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\82U120618W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 07 00:39:42 2018
Response via : Initial Calibration

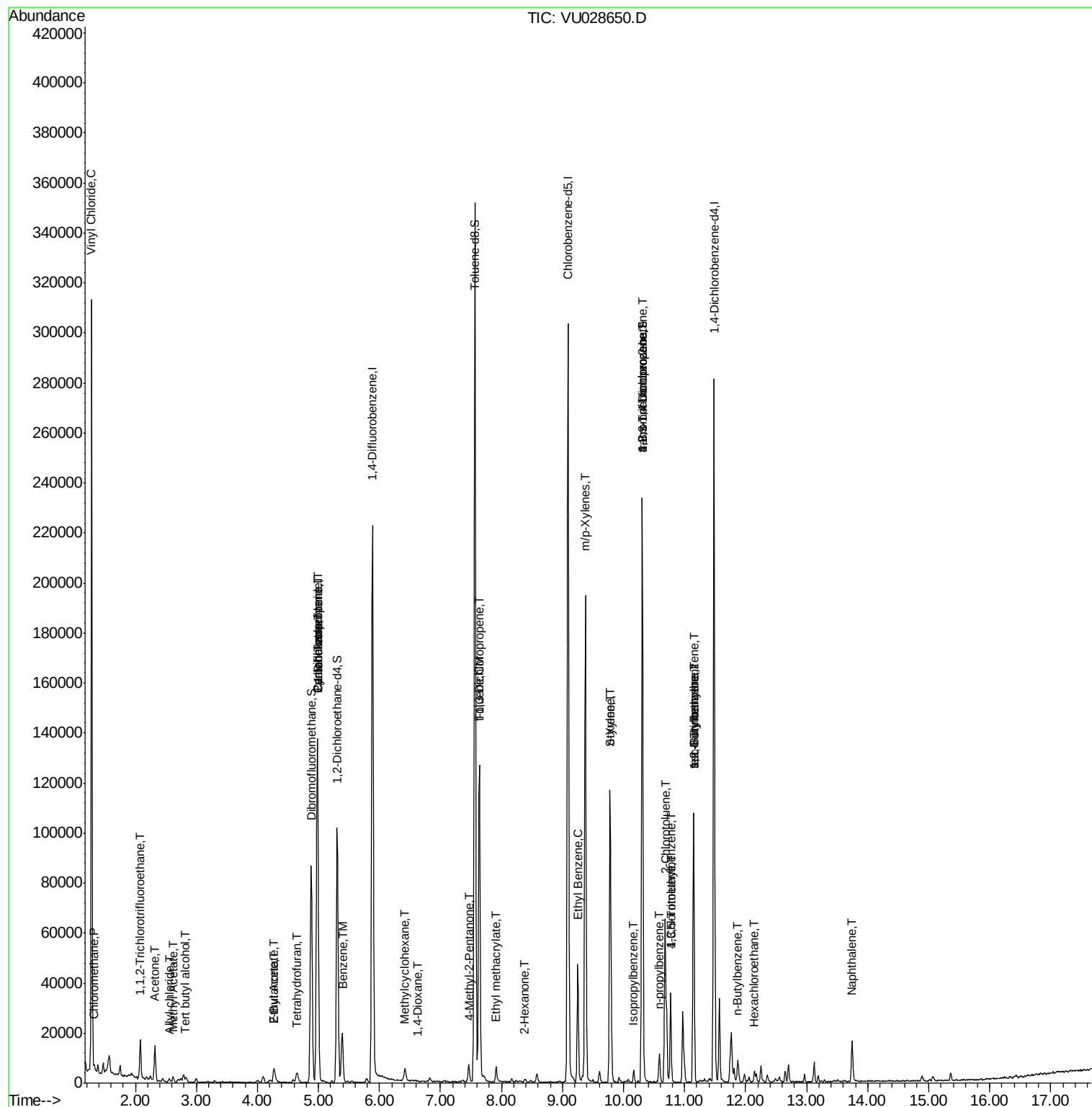
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
85) sec-Butylbenzene	11.15	105	58534	10.843	ug/l #	59
89) n-Butylbenzene	11.88	91	1518	0.327	ug/l #	6
90) Hexachloroethane	12.14	117	246	0.355	ug/l #	11
95) Naphthalene	13.75	128	15331	2.746	ug/l #	96

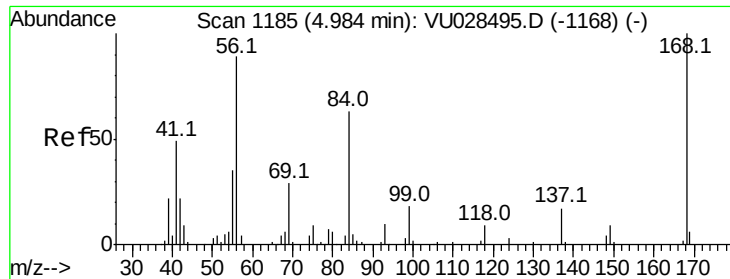
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU121318\
Data File : VU028650.D
Acq On : 12 Dec 2018 14:22
Operator : MD/SY
Sample : J6305-01DL 10X
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 44 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
P001-SW001-01DL

Quant Time: Dec 13 00:48:17 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\82U120618W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 07 00:39:42 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.98 min Scan# 1185

Delta R.T. -0.00 min

Lab File: VU028650.D

Acq: 12 Dec 2018 14:22

Instrument :

MSVOA_U

ClientSampleId :

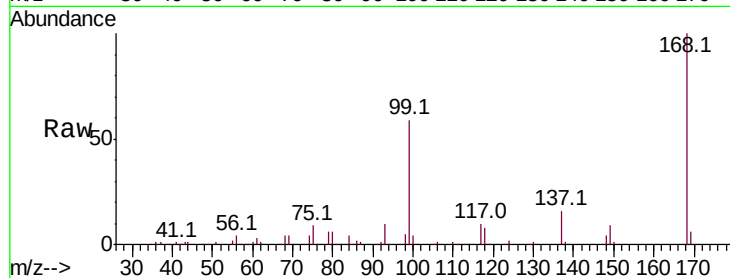
P001-SW001-01DL

Tot Ion:168 Resp: 102525

Ion Ratio Lower Upper

168 100

99 58.6 46.6 69.8



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

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

4.98

50000

40000

30000

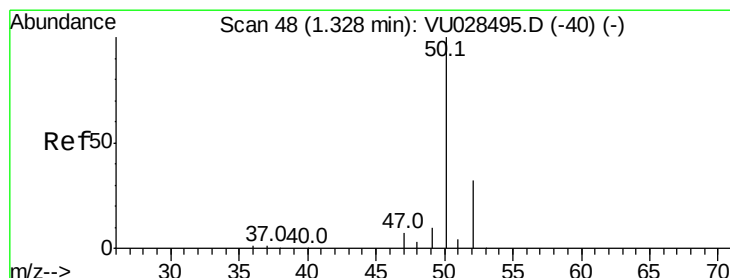
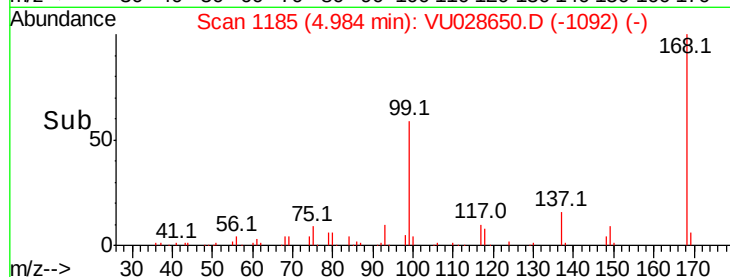
20000

10000

0

4.90 4.95 5.00 5.05 5.10

Time-->



#3

Chloromethane

Concen: 0.727 ug/l

RT: 1.33 min Scan# 48

Delta R.T. -0.00 min

Lab File: VU028650.D

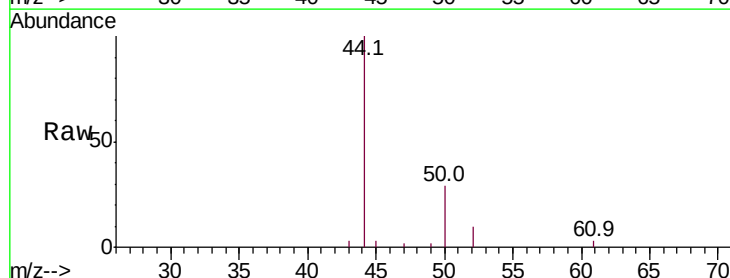
Acq: 12 Dec 2018 14:22

Tgt Ion: 50 Resp: 1837

Ion Ratio Lower Upper

50 100

52 33.5 25.5 38.3



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

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

1.33

1500

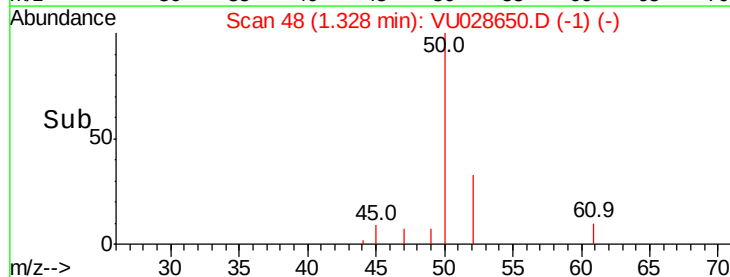
1000

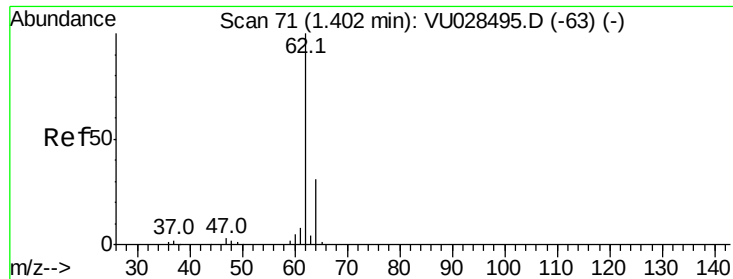
500

0

1.30 1.35

Time-->





#4

Vinyl Chloride

Concen: 1.392 ug/l

RT: 1.28 min Scan# 34

Delta R.T. -0.12 min

Lab File: VU028650.D

Acq: 12 Dec 2018 14:22

Instrument :

MSVOA_U

ClientSampleId :

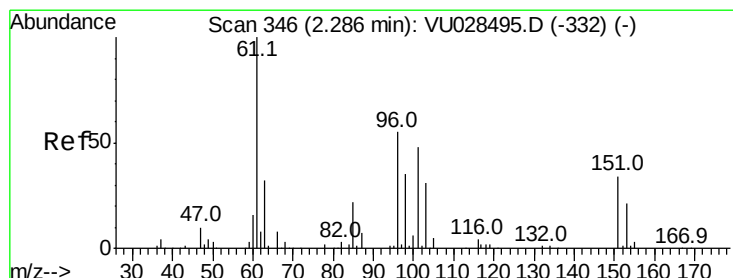
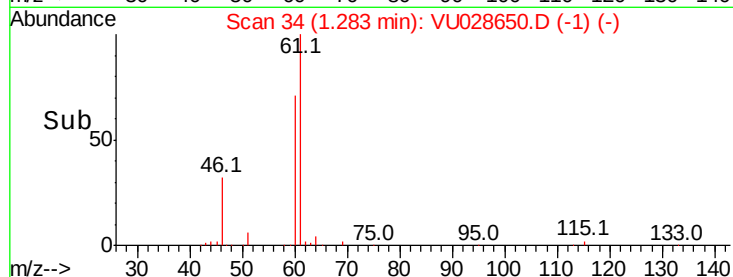
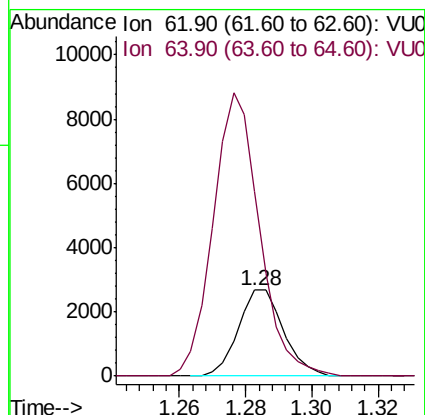
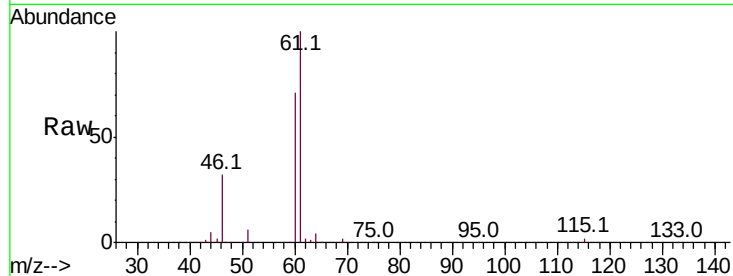
P001-SW001-01DL

Tot Ion: 62 Resp: 2538

Ion Ratio Lower Upper

62 100

64 215.0 25.1 37.7#



#9

1,1,2-Trichlorotrifluoroethane

Concen: 0.773 ug/l

RT: 2.08 min Scan# 282

Delta R.T. -0.21 min

Lab File: VU028650.D

Acq: 12 Dec 2018 14:22

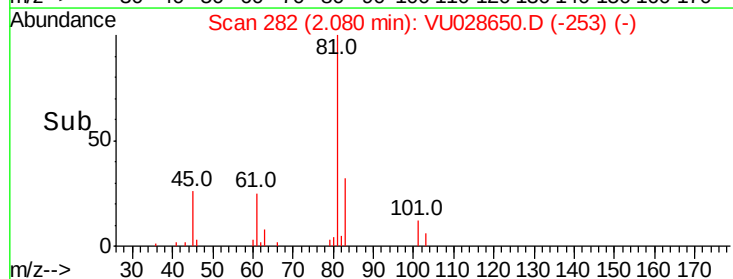
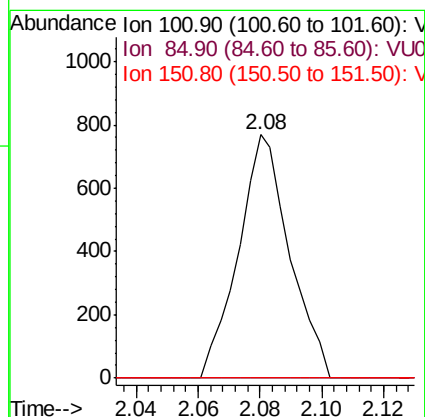
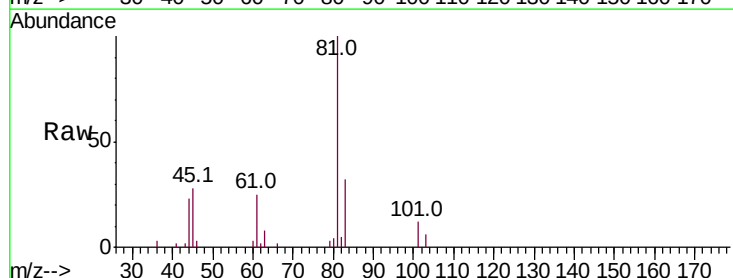
Tgt Ion: 101 Resp: 887

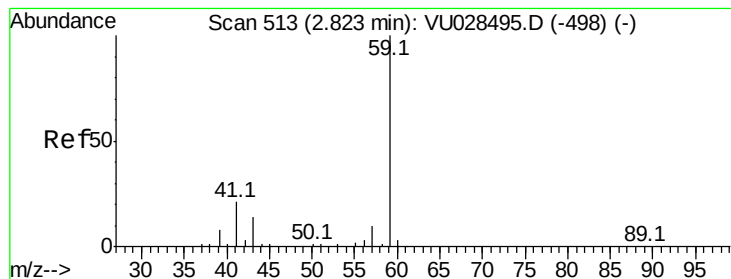
Ion Ratio Lower Upper

101 100

85 0.0 36.4 54.6#

151 0.0 58.2 87.2#



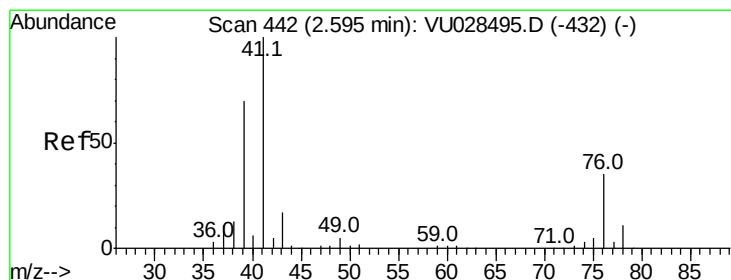
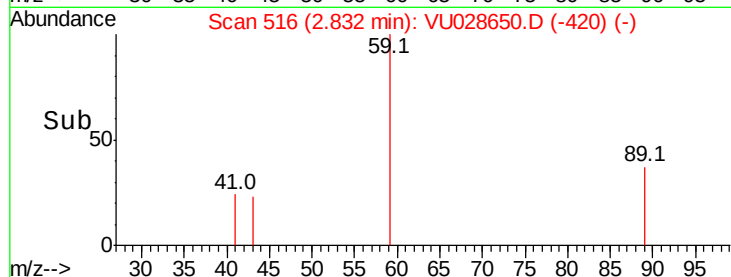
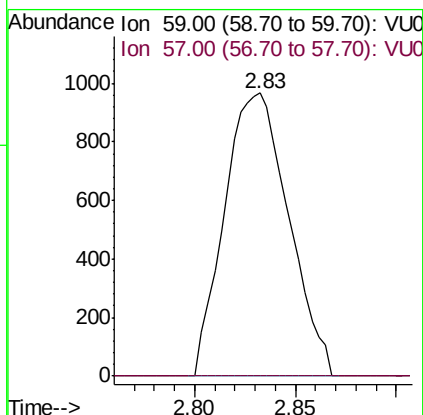
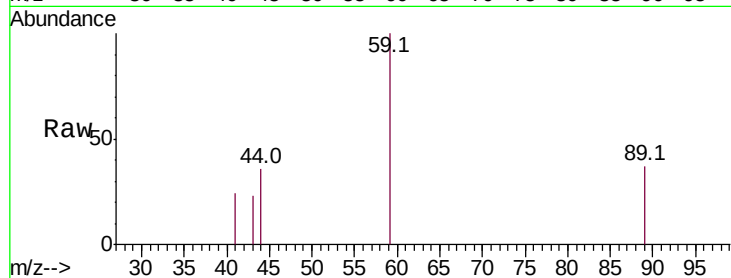


#11

Tert butyl alcohol
 Concen: 6.136 ug/l
 RT: 2.83 min Scan# 516
 Delta R.T. 0.01 min
 Lab File: VU028650.D
 Acq: 12 Dec 2018 14:22

Instrument :
 MSVOA_U
 ClientSampleId :
 P001-SW001-01DL

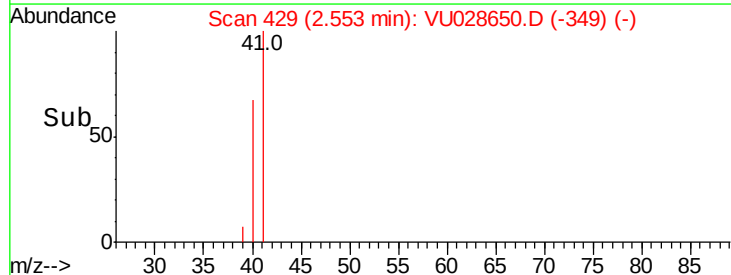
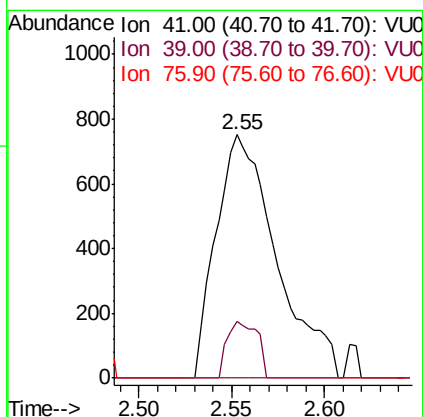
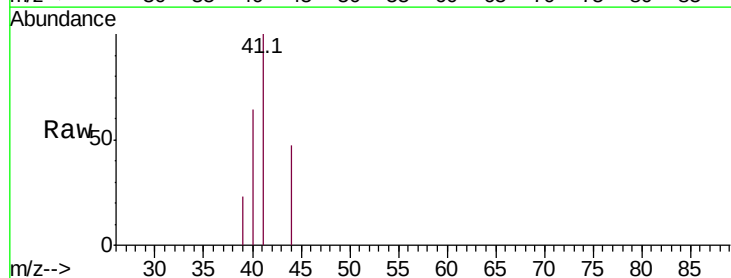
Tot Ion: 59 Resp: 2139
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.0 12.0#

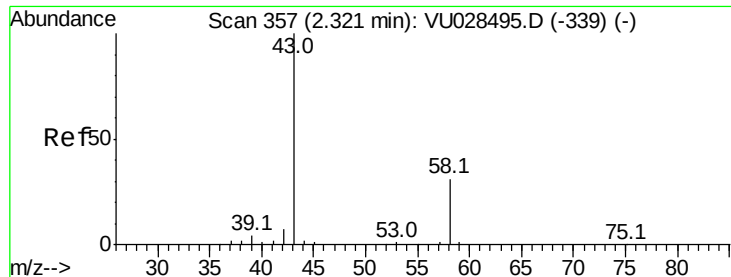


#14

Allyl chloride
 Concen: 0.631 ug/l
 RT: 2.55 min Scan# 429
 Delta R.T. -0.04 min
 Lab File: VU028650.D
 Acq: 12 Dec 2018 14:22

Tgt Ion: 41 Resp: 1705
 Ion Ratio Lower Upper
 41 100
 39 11.6 50.8 76.2#
 76 0.0 24.8 37.2#





#16

Acetone

Concen: 14.533 ug/l

RT: 2.32 min Scan# 357

Delta R.T. -0.00 min

Lab File: VU028650.D

Acq: 12 Dec 2018 14:22

Instrument :

MSVOA_U

ClientSampleId :

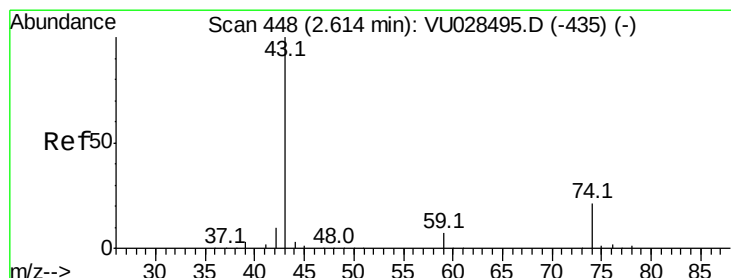
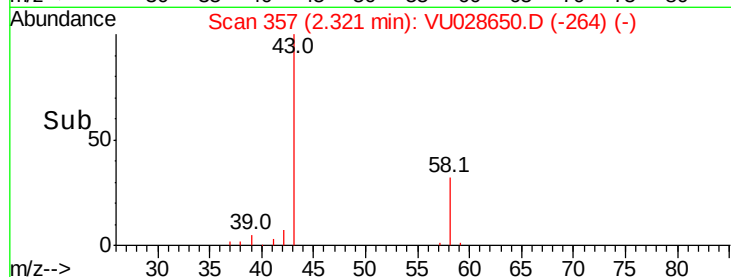
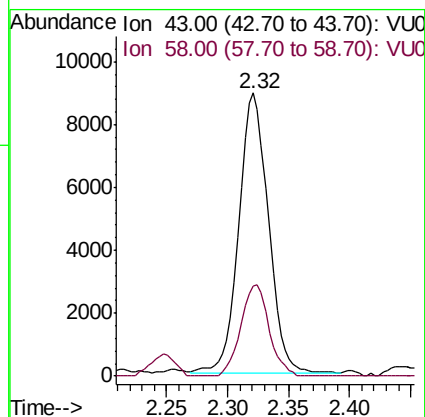
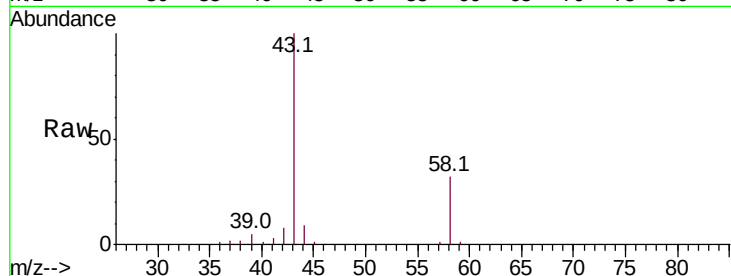
P001-SW001-01DL

Tot Ion: 43 Resp: 14838

Ion Ratio Lower Upper

43 100

58 32.1 24.6 37.0



#18

Methyl Acetate

Concen: 1.095 ug/l

RT: 2.62 min Scan# 449

Delta R.T. 0.00 min

Lab File: VU028650.D

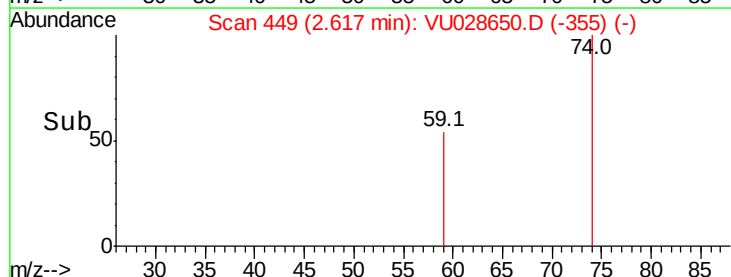
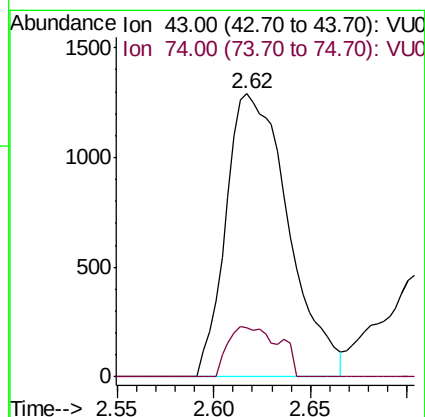
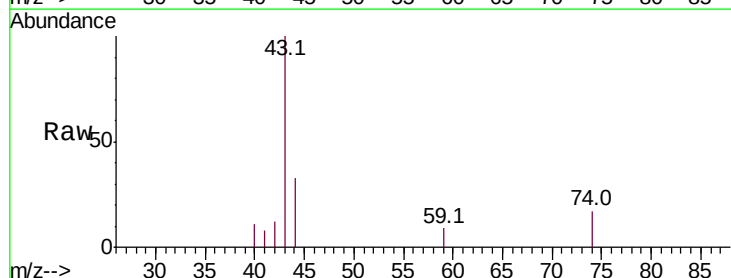
Acq: 12 Dec 2018 14:22

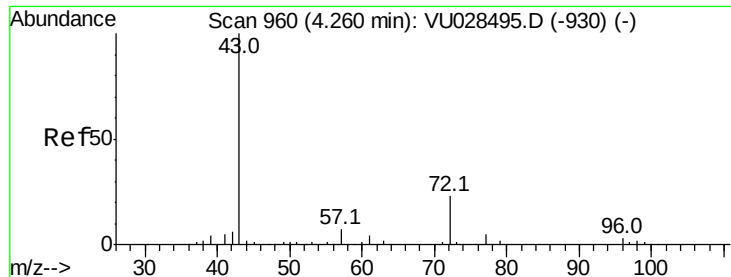
Tgt Ion: 43 Resp: 2898

Ion Ratio Lower Upper

43 100

74 14.5 16.4 24.6#





#25

2-Butanone

Concen: 8.213 ug/l

RT: 4.27 min Scan# 964

Delta R.T. 0.01 min

Lab File: VU028650.D

Acq: 12 Dec 2018 14:22

Instrument :

MSVOA_U

ClientSampleId :

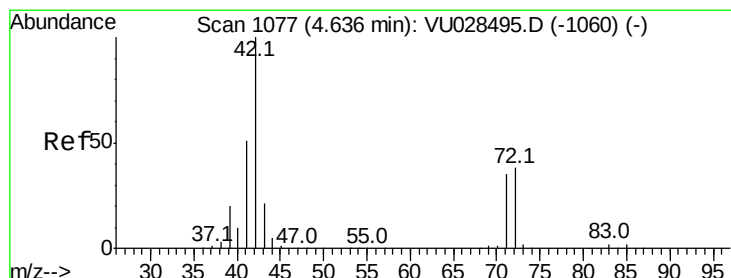
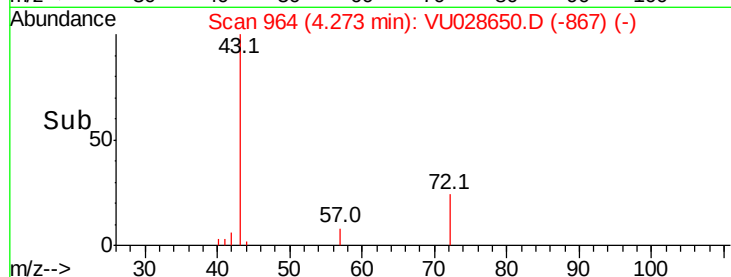
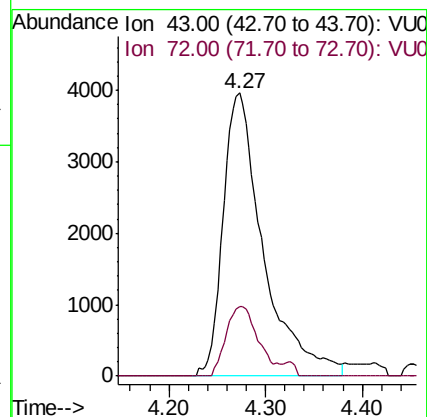
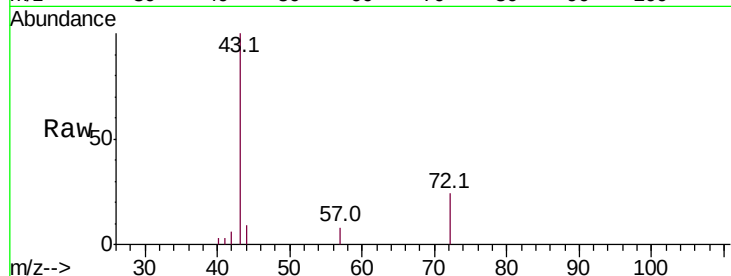
P001-SW001-01DL

Tot Ion: 43 Resp: 11459

Ion Ratio Lower Upper

43 100

72 24.4 18.6 28.0



#29

Tetrahydrofuran

Concen: 3.792 ug/l

RT: 4.64 min Scan# 1078

Delta R.T. 0.00 min

Lab File: VU028650.D

Acq: 12 Dec 2018 14:22

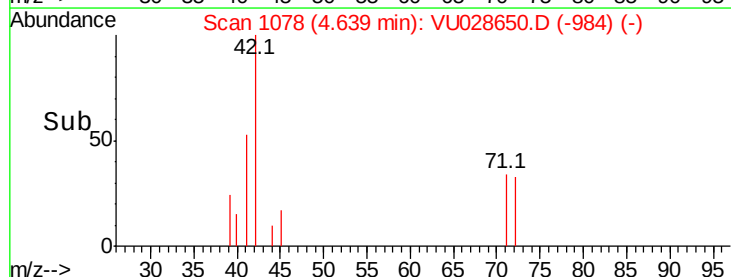
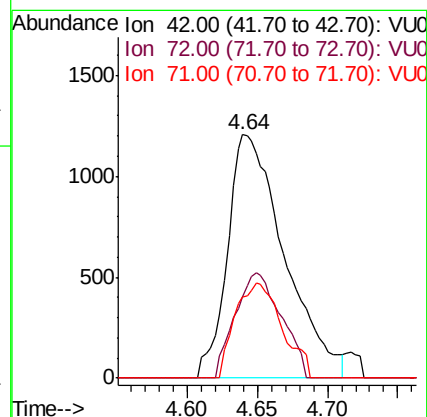
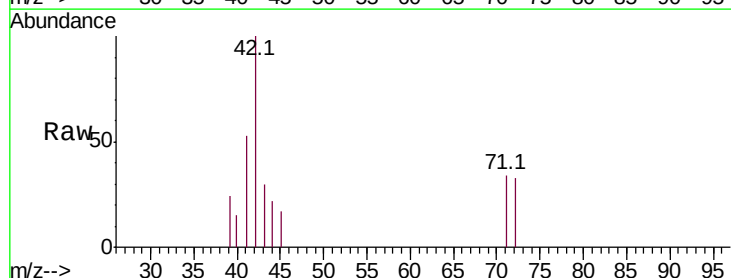
Tgt Ion: 42 Resp: 3398

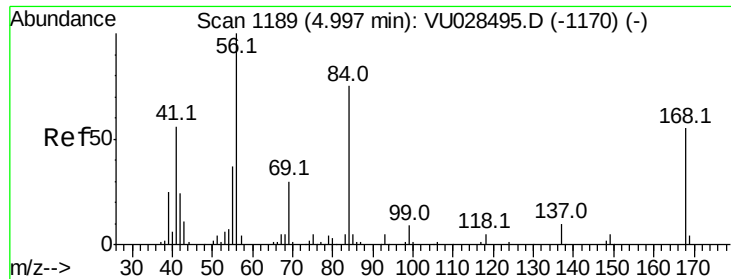
Ion Ratio Lower Upper

42 100

72 35.2 31.4 47.0

71 32.1 28.6 43.0

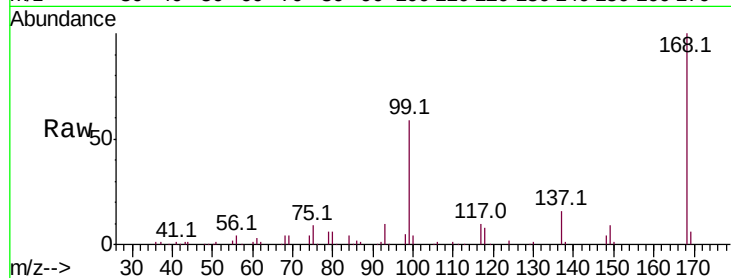




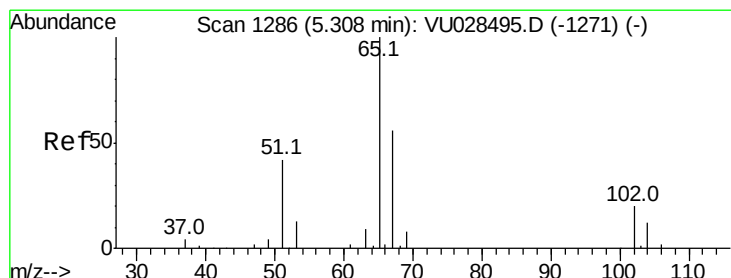
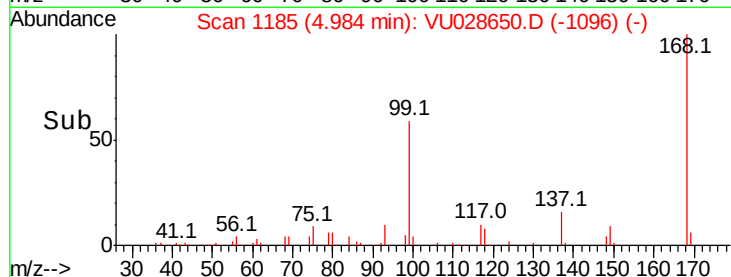
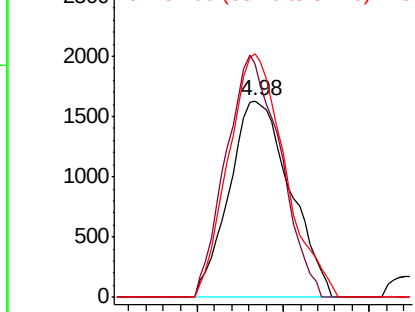
#31
Cyclohexane
Concen: 0.304 ug/l
RT: 4.98 min Scan# 1185
Delta R.T. -0.01 min
Lab File: VU028650.D
Acq: 12 Dec 2018 14:22

Instrument :
MSVOA_U
ClientSampleId :
P001-SW001-01DL

Tot Ion: 56 Resp: 4008
Ion Ratio Lower Upper
56 100
69 119.0 24.0 36.0#
84 123.9 59.7 89.5#

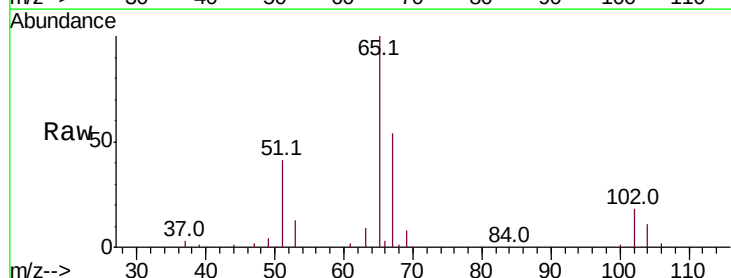


Abundance Ion 56.00 (55.70 to 56.70): VU0
Ion 69.00 (68.70 to 69.70): VU0
Ion 84.00 (83.70 to 84.70): VU0

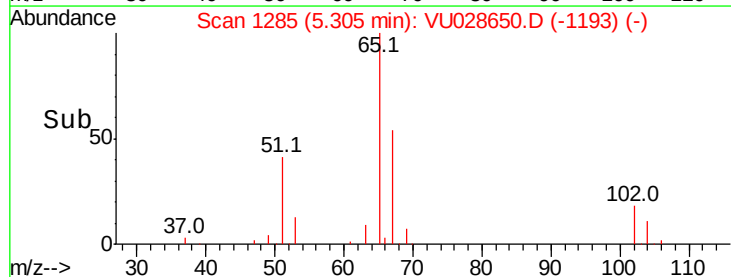
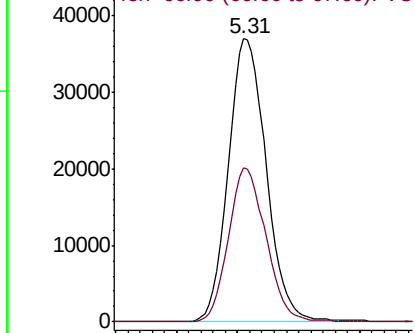


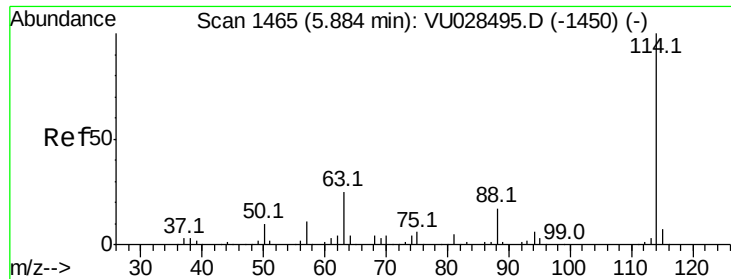
#33
1,2-Dichloroethane-d4
Concen: 50.979 ug/l
RT: 5.31 min Scan# 1285
Delta R.T. -0.00 min
Lab File: VU028650.D
Acq: 12 Dec 2018 14:22

Tgt Ion: 65 Resp: 79761
Ion Ratio Lower Upper
65 100
67 54.0 0.0 110.6



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

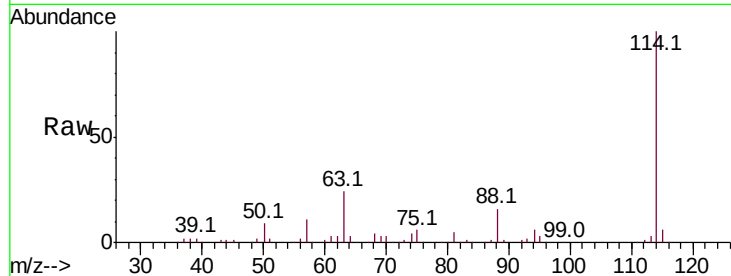




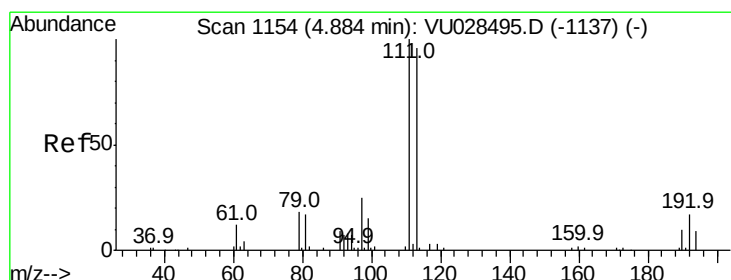
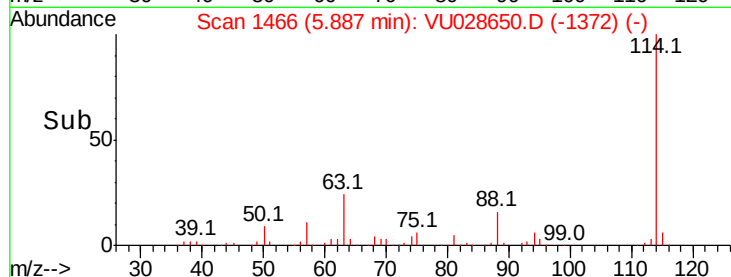
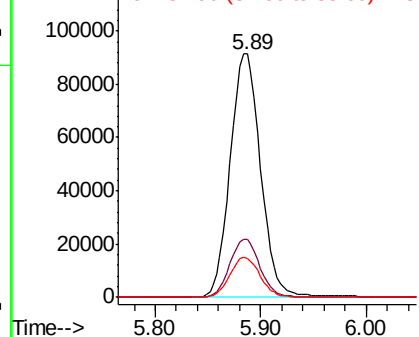
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1466
 Delta R.T. 0.00 min
 Lab File: VU028650.D
 Acq: 12 Dec 2018 14:22

Instrument :
 MSVOA_U
 ClientSampleId :
 P001-SW001-01DL

Tot Ion	Ratio	Lower	Upper
114	100		
63	23.8	0.0	49.2
88	16.1	0.0	33.4

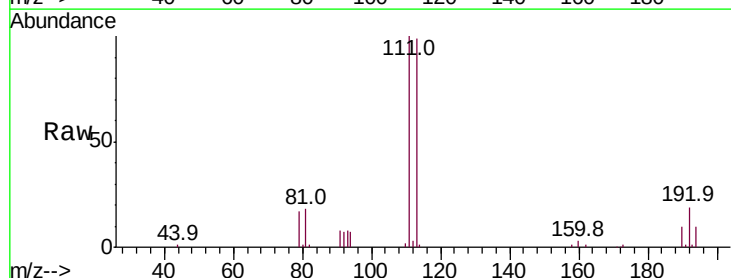


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VU0
 Ion 87.90 (87.60 to 88.60): VU0

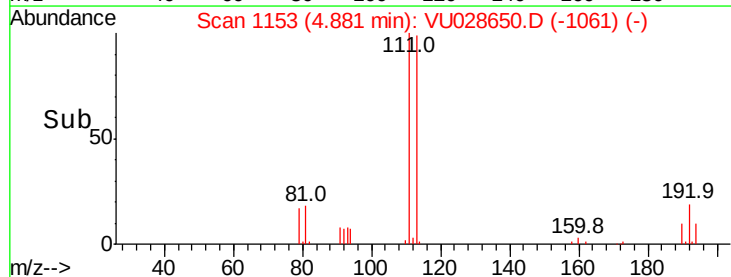
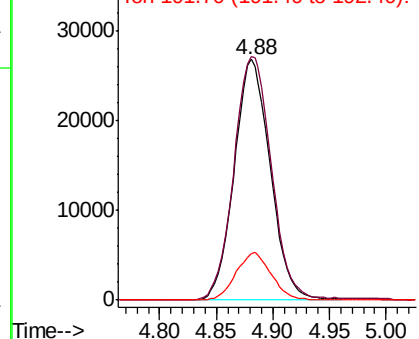


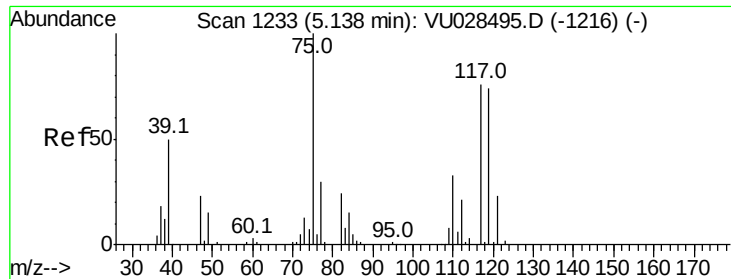
#35
 Dibromofluoromethane
 Concen: 51.835 ug/l
 RT: 4.88 min Scan# 1153
 Delta R.T. -0.00 min
 Lab File: VU028650.D
 Acq: 12 Dec 2018 14:22

Tgt Ion	Ratio	Lower	Upper
113	100		
111	104.8	83.4	125.0
192	19.1	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

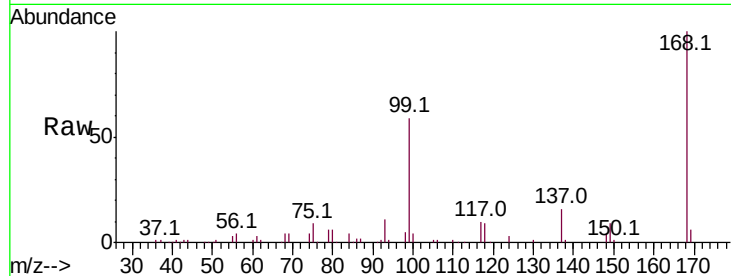




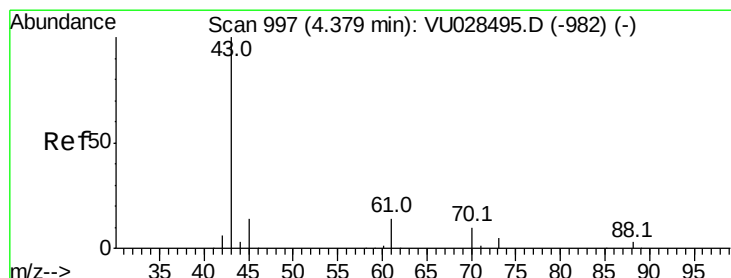
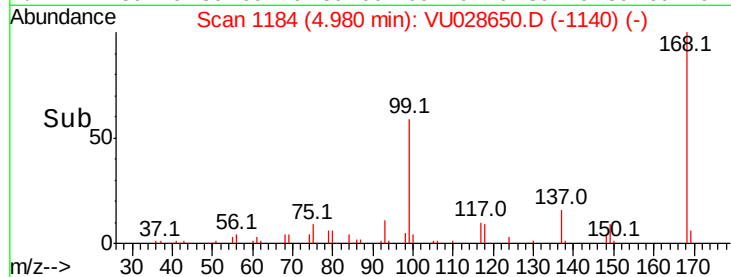
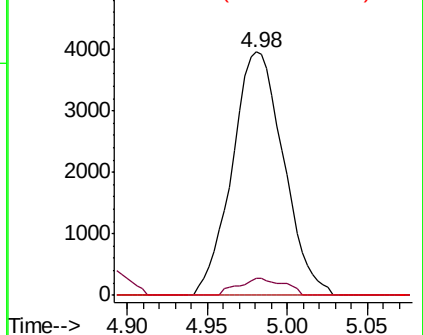
#36
 1,1-Dichloropropene
 Concen: 4.352 ug/l
 RT: 4.98 min Scan# 1184
 Delta R.T. -0.16 min
 Lab File: VU028650.D
 Acq: 12 Dec 2018 14:22

Instrument :
 MSVOA_U
 ClientSampleId :
 P001-SW001-01DL

Tot Ion	Ratio	Lower	Upper
75	100		
110	6.3	16.1	48.2#
77	0.0	24.5	36.7#

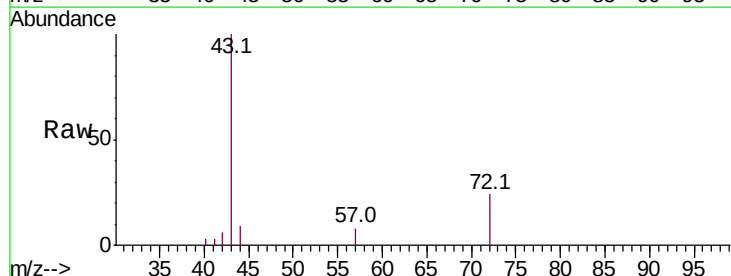


Abundance Ion 74.90 (74.60 to 75.60): VU0
 Ion 109.90 (109.60 to 110.60): VU0
 Ion 76.90 (76.60 to 77.60): VU0

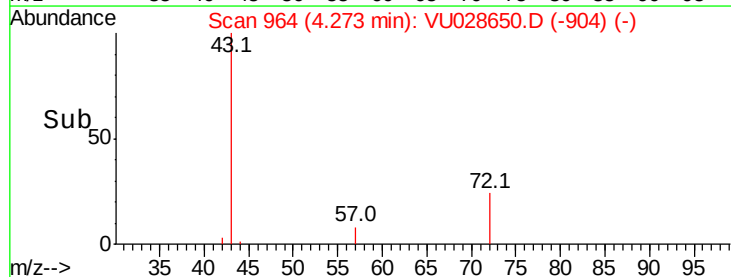
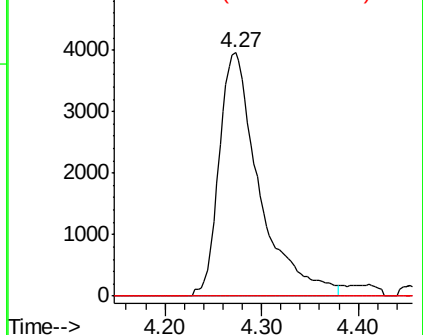


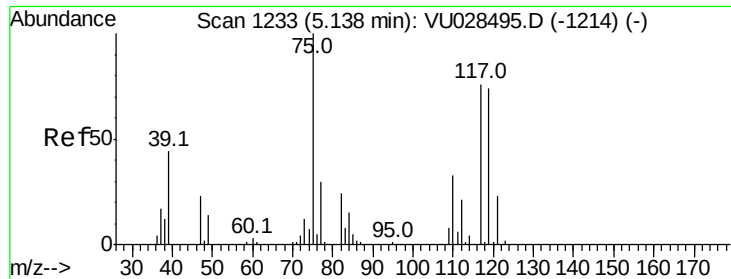
#37
 Ethyl Acetate
 Concen: 4.437 ug/l
 RT: 4.27 min Scan# 964
 Delta R.T. -0.11 min
 Lab File: VU028650.D
 Acq: 12 Dec 2018 14:22

Tgt Ion	Ratio	Lower	Upper
43	100		
61	0.0	11.0	16.4#
70	0.0	7.4	11.0#



Abundance Ion 43.00 (42.70 to 43.70): VU0
 Ion 60.90 (60.60 to 61.60): VU0
 Ion 70.00 (69.70 to 70.70): VU0





#38

Carbon Tetrachloride

Concen: 6.074 ug/l

RT: 4.98 min Scan# 1185

Delta R.T. -0.15 min

Lab File: VU028650.D

Acq: 12 Dec 2018 14:22

Instrument :

MSVOA_U

ClientSampleId :

P001-SW001-01DL

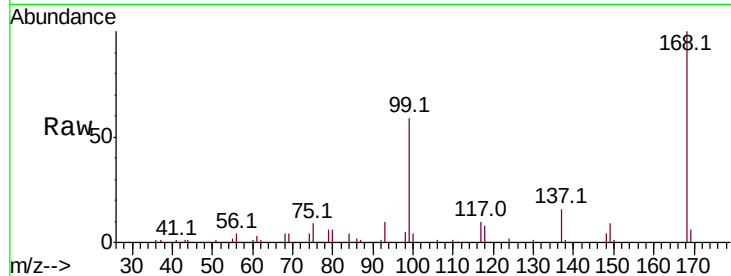
Tot Ion:117 Resp: 9781

Ion Ratio Lower Upper

117 100

119 4.0 77.6 116.4#

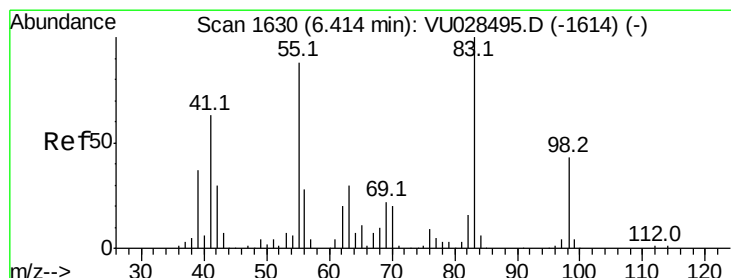
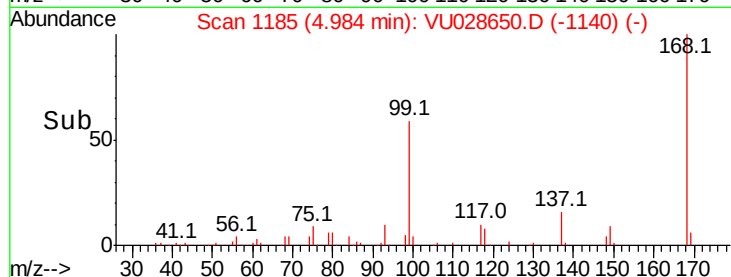
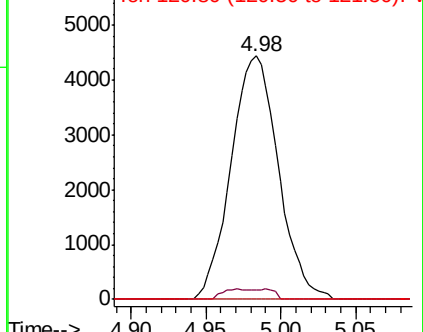
121 0.0 24.6 36.8#



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: 0.547 ug/l

RT: 6.41 min Scan# 1629

Delta R.T. -0.00 min

Lab File: VU028650.D

Acq: 12 Dec 2018 14:22

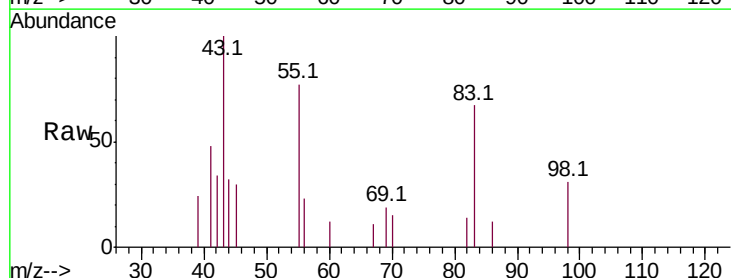
Tgt Ion: 83 Resp: 1334

Ion Ratio Lower Upper

83 100

55 114.9 70.2 105.2#

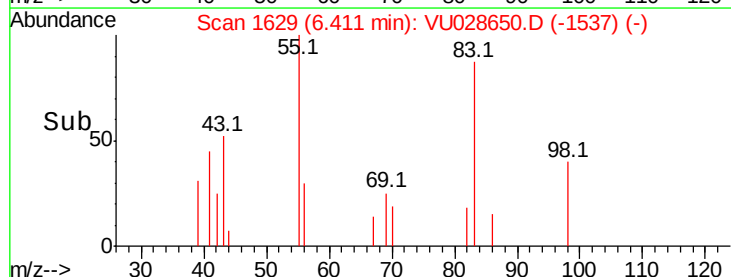
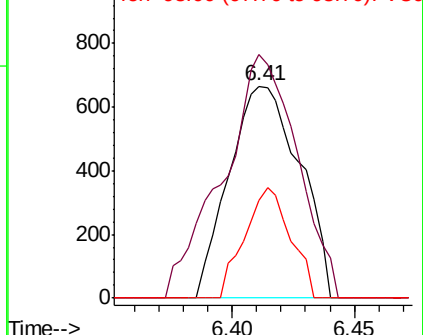
98 45.9 34.2 51.4

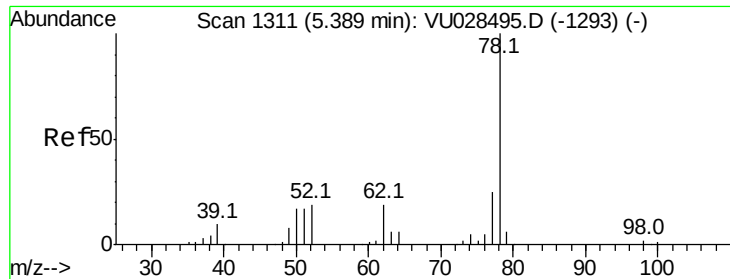


Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 55.00 (54.70 to 55.70): VU0

Ion 98.00 (97.70 to 98.70): VU0





#40

Benzene

Concen: 3.265 ug/l

RT: 5.39 min Scan# 1311

Delta R.T. -0.00 min

Lab File: VU028650.D

Acq: 12 Dec 2018 14:22

Instrument :

MSVOA_U

ClientSampleId :

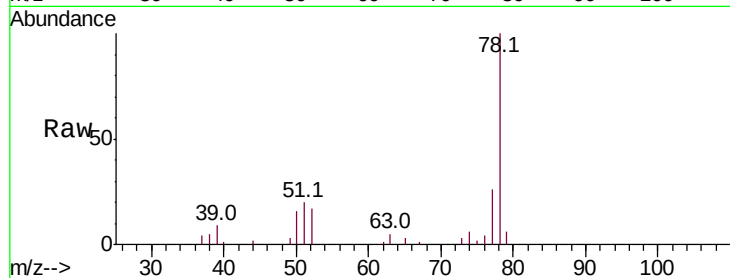
P001-SW001-01DL

Tot Ion: 78 Resp: 19213

Ion Ratio Lower Upper

78 100

77 25.7 19.9 29.9



Abundance Ion 78.00 (77.70 to 78.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

5.39

8000

6000

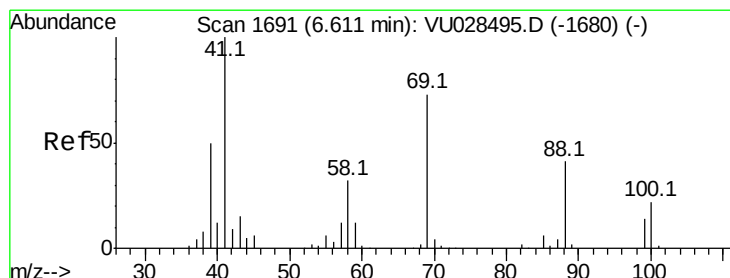
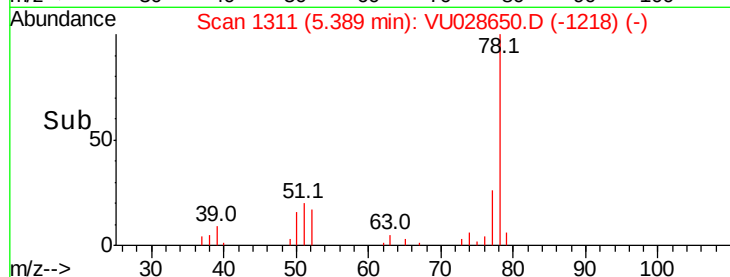
4000

2000

0

Time-->

5.30 5.35 5.40 5.45



#49

1,4-Dioxane

Concen: 4.645 ug/l

RT: 6.62 min Scan# 1694

Delta R.T. 0.01 min

Lab File: VU028650.D

Acq: 12 Dec 2018 14:22

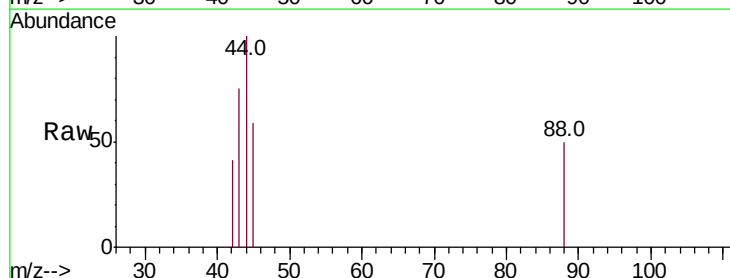
Tgt Ion: 88 Resp: 149

Ion Ratio Lower Upper

88 100

43 0.0 30.9 46.3#

58 0.0 62.4 93.6#



Abundance Ion 88.00 (87.70 to 88.70): VU0

Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

300

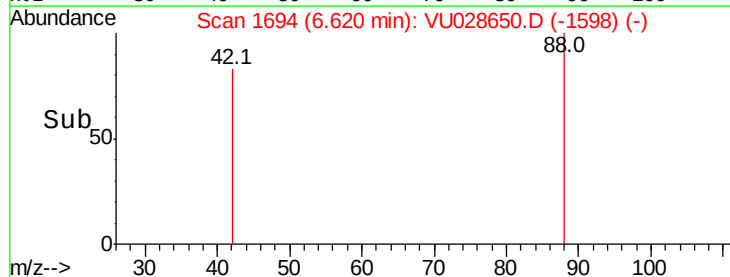
200

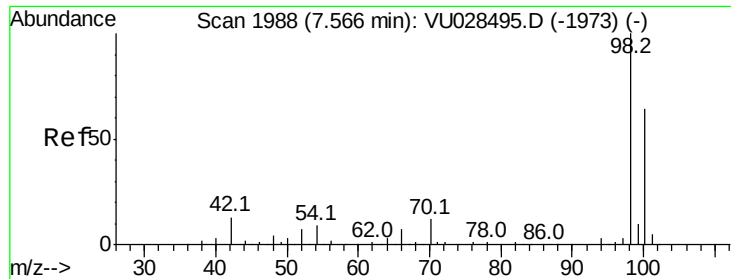
100

0

Time-->

6.60 6.62 6.64





#50

Toluene-d8

Concen: 51.484 ug/l

RT: 7.56 min Scan# 1987

Delta R.T. -0.00 min

Lab File: VU028650.D

Acq: 12 Dec 2018 14:22

Instrument :

MSVOA_U

ClientSampleId :

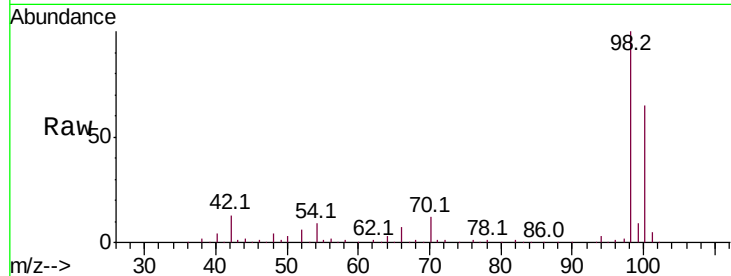
P001-SW001-01DL

Tot Ion: 98 Resp: 234006

Ion Ratio Lower Upper

98 100

100 63.6 51.0 76.6



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

Ion 100.00 (99.70 to 100.70): VU028495.D (-1973) (-)

7.56

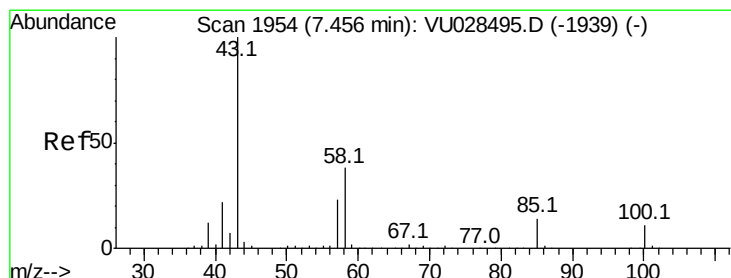
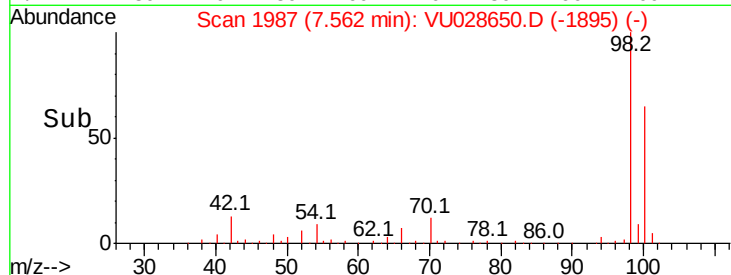
150000

100000

50000

0

Time-->



#51

4-Methyl-2-Pentanone

Concen: 2.099 ug/l

RT: 7.46 min Scan# 1956

Delta R.T. 0.01 min

Lab File: VU028650.D

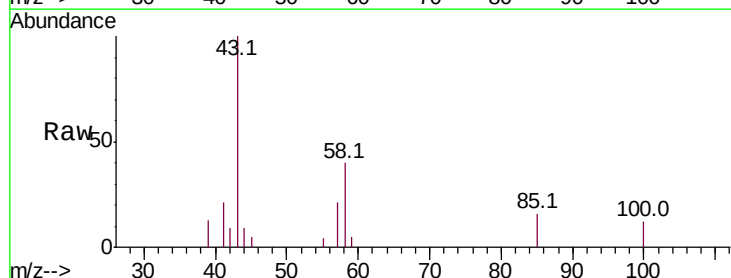
Acq: 12 Dec 2018 14:22

Tgt Ion: 43 Resp: 5409

Ion Ratio Lower Upper

43 100

58 34.6 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) (-)

7.46

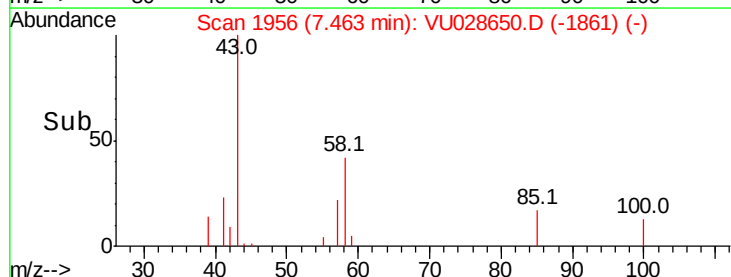
3000

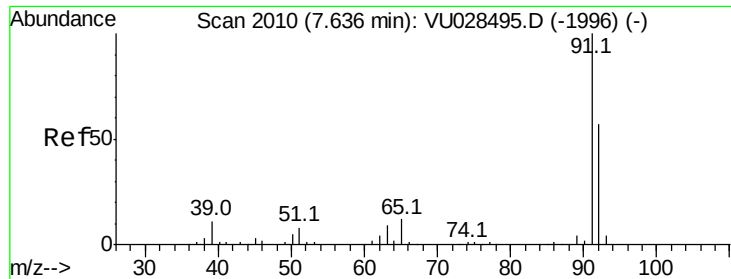
2000

1000

0

Time-->





#52

Toluene

Concen: 15.481 ug/l

RT: 7.64 min Scan# 2010

Delta R.T. -0.00 min

Lab File: VU028650.D

Acq: 12 Dec 2018 14:22

Instrument :

MSVOA_U

ClientSampleId :

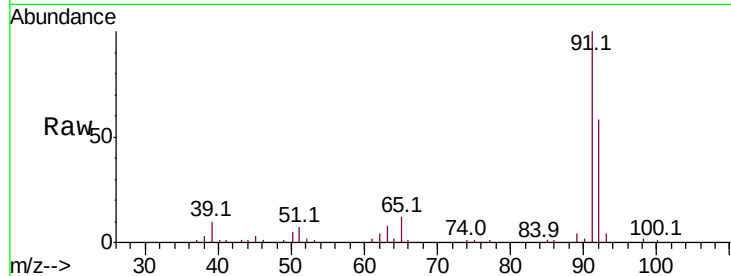
P001-SW001-01DL

Tot Ion: 92 Resp: 53613

Ion Ratio Lower Upper

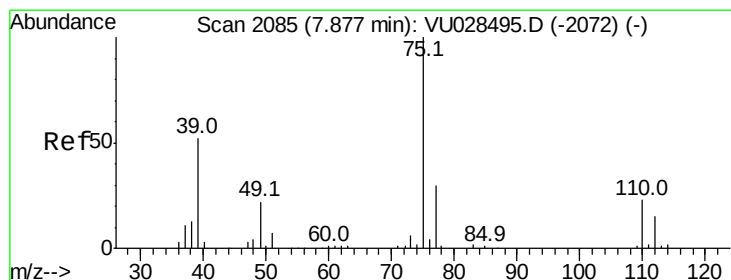
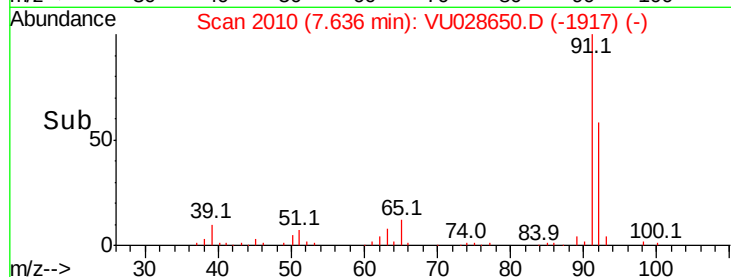
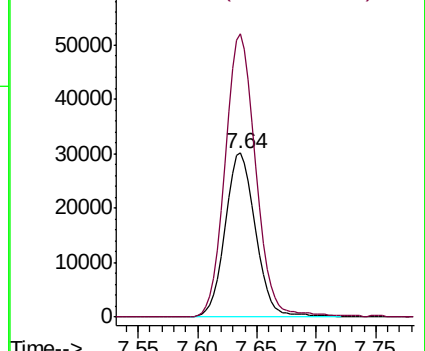
92 100

91 173.9 140.2 210.4



Abundance Ion 92.00 (91.70 to 92.70): VU0

Ion 91.00 (90.70 to 91.70): VU0



#53

t-1,3-Dichloropropene

Concen: 0.205 ug/l

RT: 7.64 min Scan# 2010

Delta R.T. -0.24 min

Lab File: VU028650.D

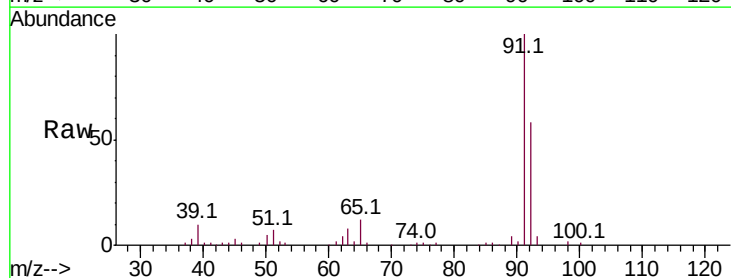
Acq: 12 Dec 2018 14:22

Tgt Ion: 75 Resp: 466

Ion Ratio Lower Upper

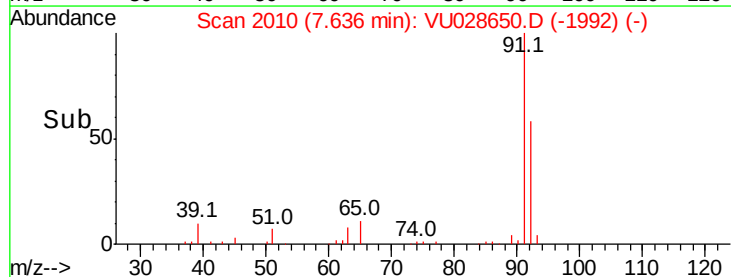
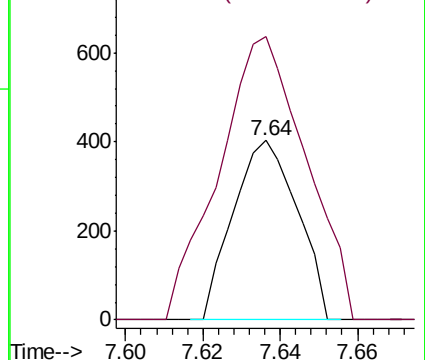
75 100

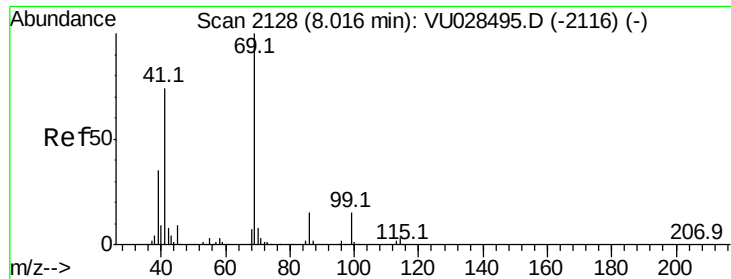
77 117.9 24.2 36.4#



Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 76.90 (76.60 to 77.60): VU0





#56

Ethyl methacrylate

Concen: 0.361 ug/l

RT: 7.91 min Scan# 2095

Delta R.T. -0.11 min

Lab File: VU028650.D

Acq: 12 Dec 2018 14:22

Instrument :

MSVOA_U

ClientSampleId :

P001-SW001-01DL

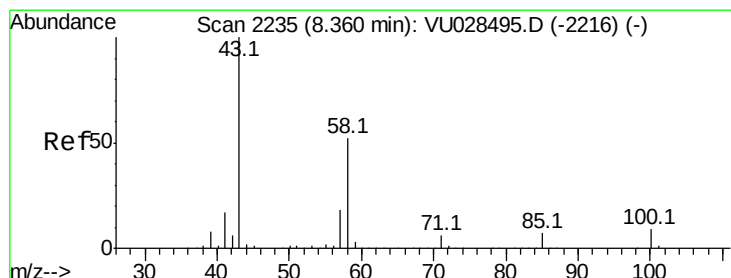
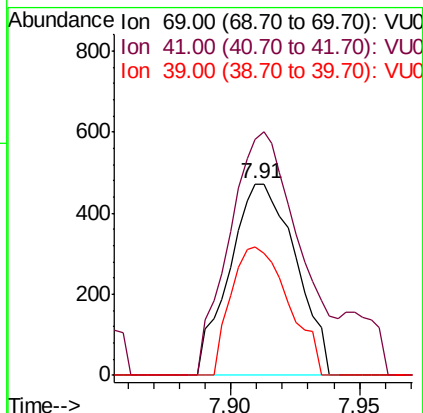
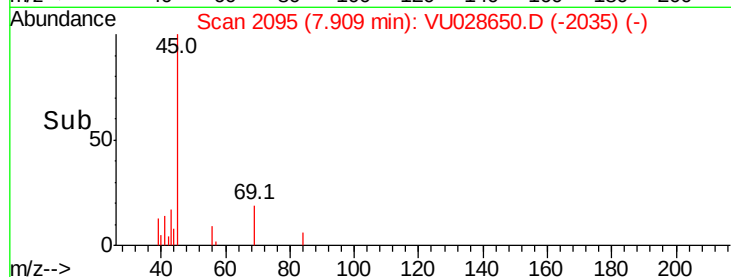
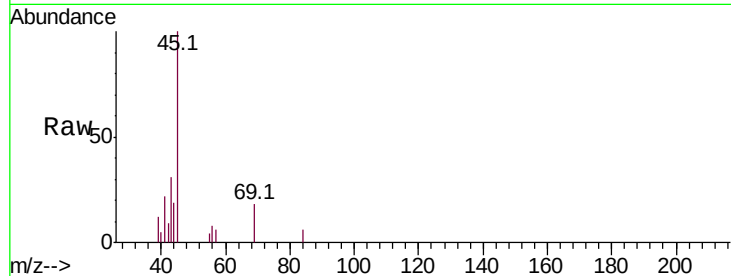
Tot Ion: 69 Resp: 847

Ion Ratio Lower Upper

69 100

41 134.9 59.1 88.7#

39 58.4 28.4 42.6#



#59

2-Hexanone

Concen: 0.616 ug/l

RT: 8.37 min Scan# 2239

Delta R.T. 0.01 min

Lab File: VU028650.D

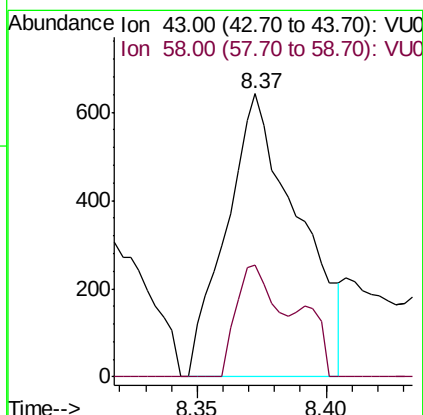
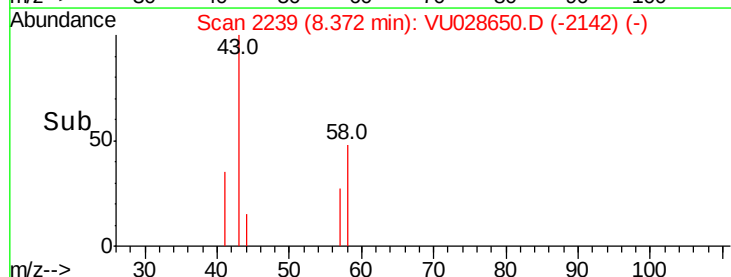
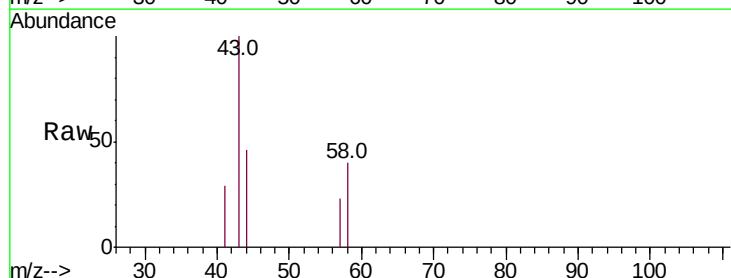
Acq: 12 Dec 2018 14:22

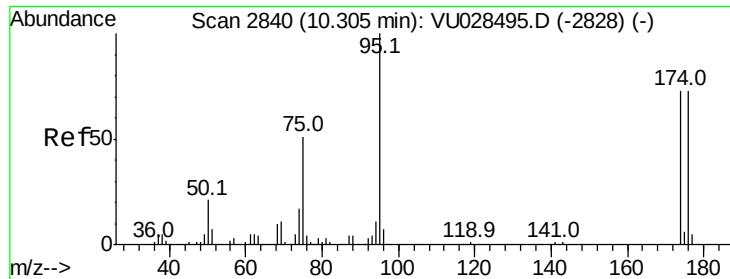
Tgt Ion: 43 Resp: 1257

Ion Ratio Lower Upper

43 100

58 22.3 25.9 77.6#





#62

4-Bromofluorobenzene

Concen: 46.262 ug/l

RT: 10.30 min Scan# 2840

Delta R.T. -0.00 min

Lab File: VU028650.D

Acq: 12 Dec 2018 14:22

Instrument :

MSVOA_U

ClientSampleId :

P001-SW001-01DL

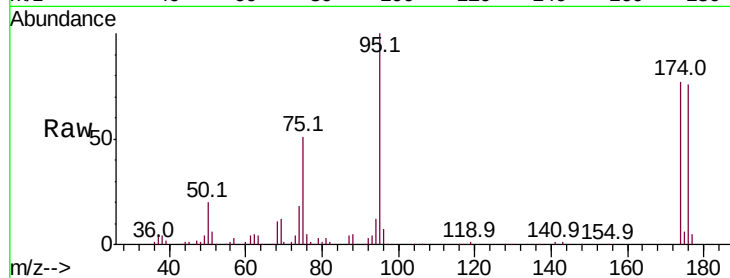
Tot Ion: 95 Resp: 78592

Ion Ratio Lower Upper

95 100

174 75.9 0.0 150.4

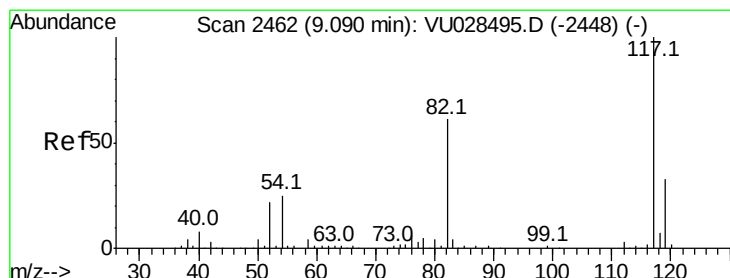
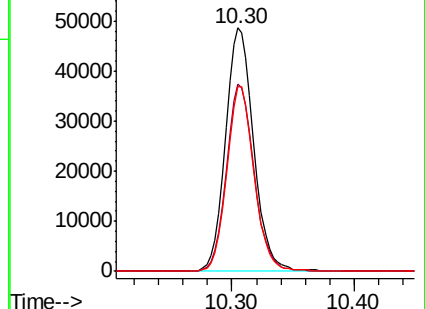
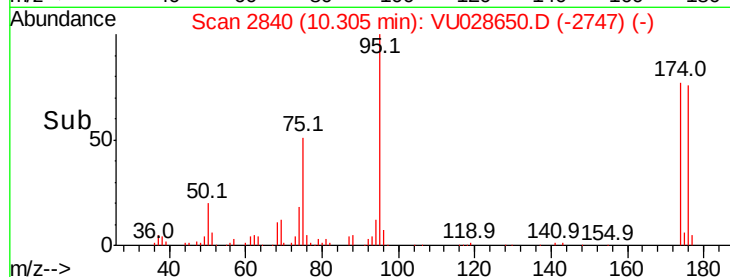
176 73.7 0.0 145.2



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: VU028650.D

Acq: 12 Dec 2018 14:22

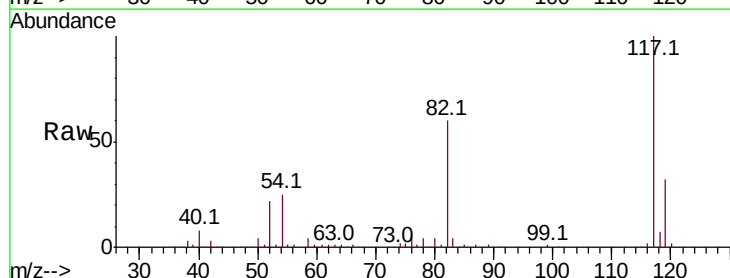
Tgt Ion: 117 Resp: 162885

Ion Ratio Lower Upper

117 100

82 60.0 48.9 73.3

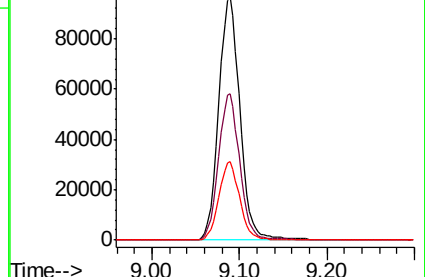
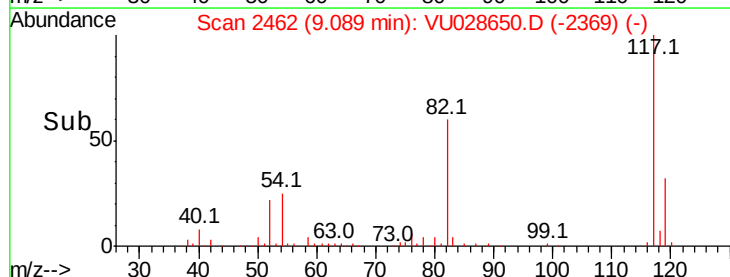
119 32.1 26.2 39.4

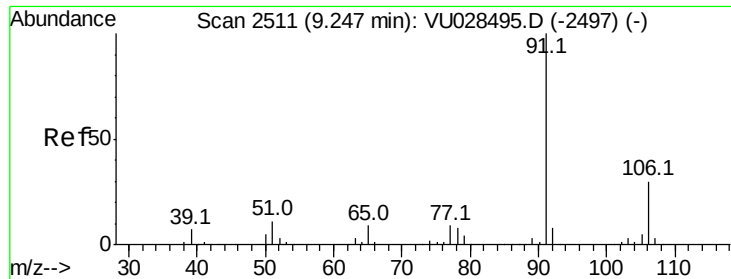


Abundance Ion 116.90 (116.60 to 117.60): VU028495.D (-2448) (-)

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

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

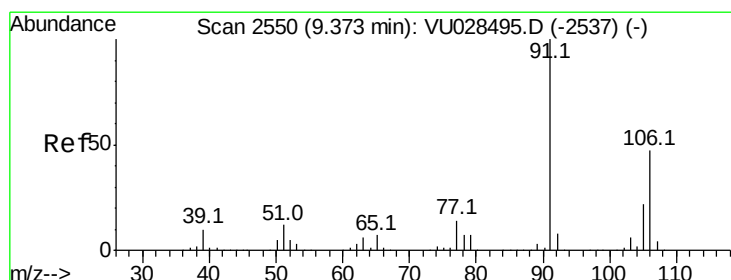
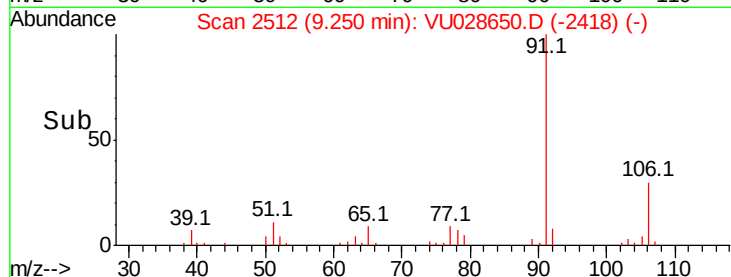
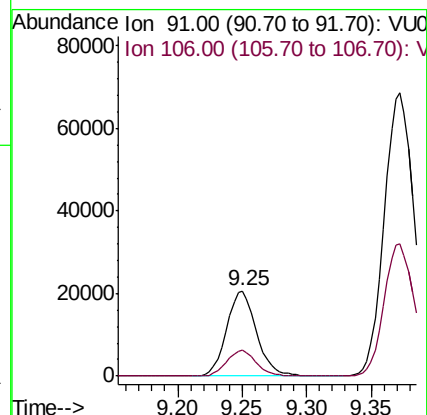
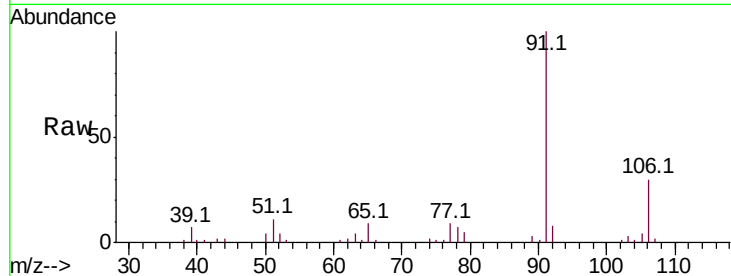




#67
Ethyl Benzene
Concen: 5.274 ug/l
RT: 9.25 min Scan# 2512
Delta R.T. 0.00 min
Lab File: VU028650.D
Acq: 12 Dec 2018 14:22

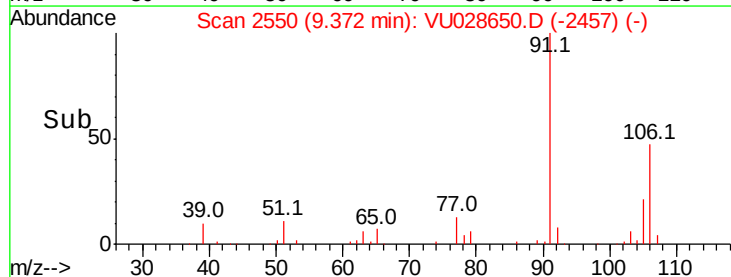
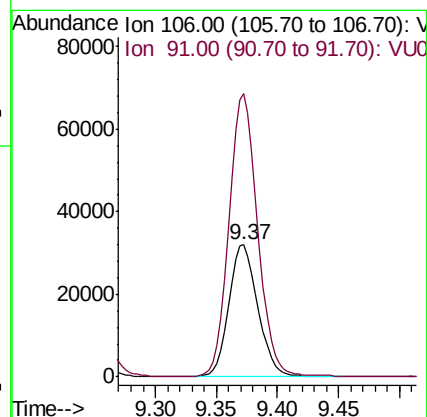
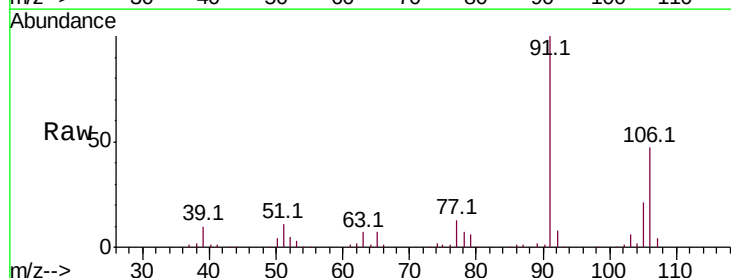
Instrument :
MSVOA_U
ClientSampleId :
P001-SW001-01DL

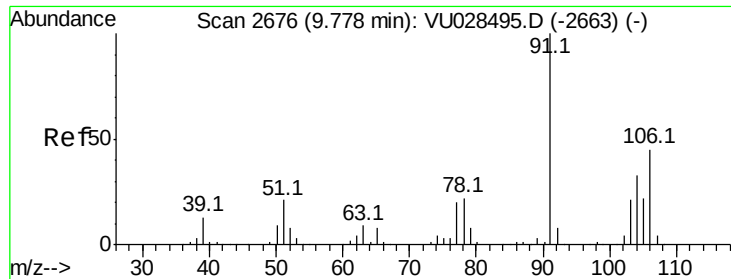
Tot Ion: 91 Resp: 33649
Ion Ratio Lower Upper
91 100
106 30.3 24.1 36.1



#68
m/p-Xylenes
Concen: 23.123 ug/l
RT: 9.37 min Scan# 2550
Delta R.T. -0.00 min
Lab File: VU028650.D
Acq: 12 Dec 2018 14:22

Tgt Ion: 106 Resp: 53686
Ion Ratio Lower Upper
106 100
91 208.7 167.4 251.0

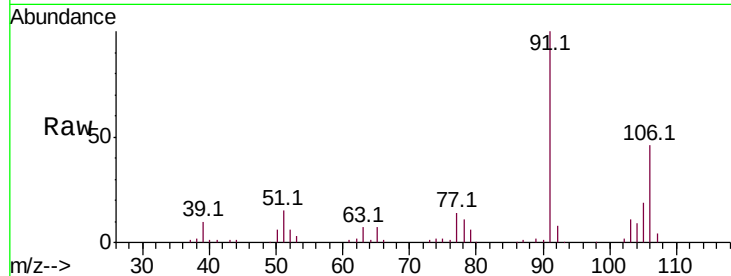




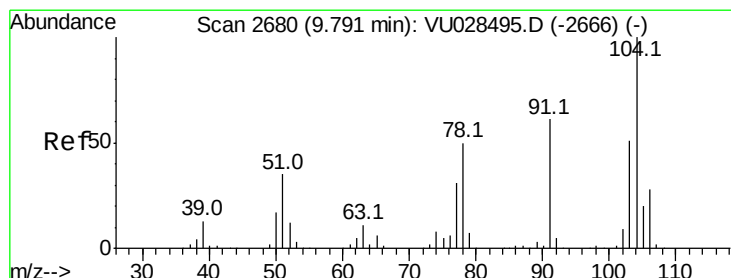
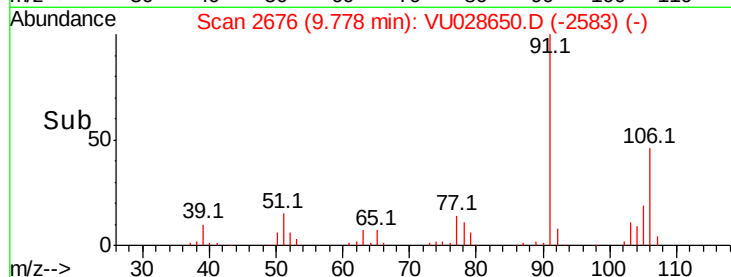
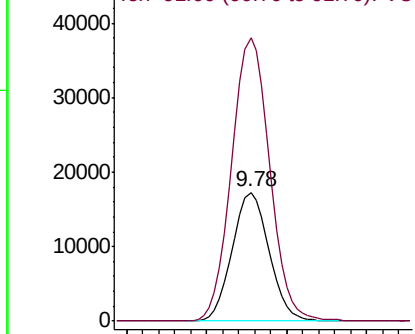
#69
o-Xylene
Concen: 12.035 ug/l
RT: 9.78 min Scan# 2676
Delta R.T. -0.00 min
Lab File: VU028650.D
Acq: 12 Dec 2018 14:22

Instrument :
MSVOA_U
ClientSampleId :
P001-SW001-01DL

Tot Ion:106 Resp: 27154
Ion Ratio Lower Upper
106 100
91 227.3 111.3 334.0

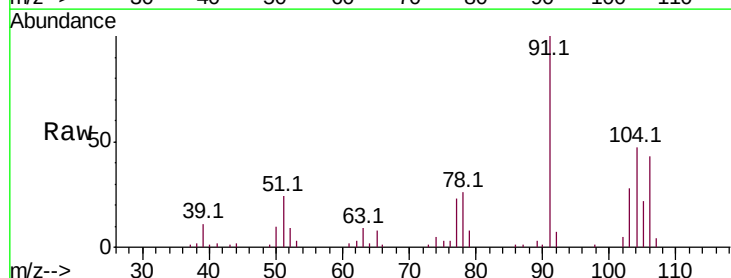


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0

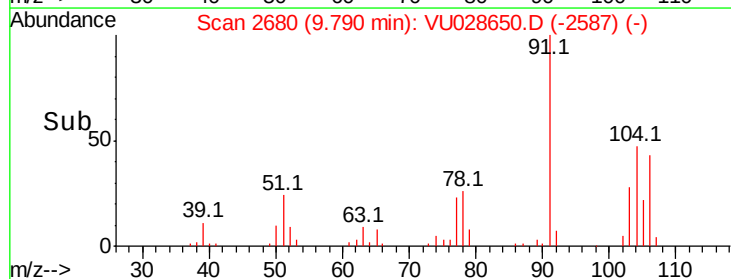
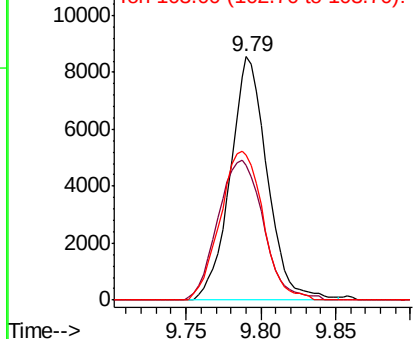


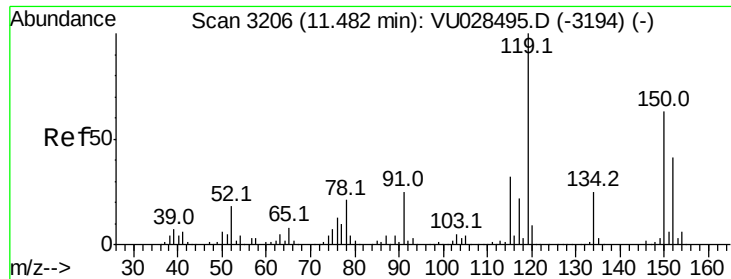
#70
Styrene
Concen: 3.957 ug/l
RT: 9.79 min Scan# 2680
Delta R.T. -0.00 min
Lab File: VU028650.D
Acq: 12 Dec 2018 14:22

Tgt Ion:104 Resp: 14775
Ion Ratio Lower Upper
104 100
78 70.4 43.0 64.6#
103 70.9 44.2 66.4#



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VU0
Ion 103.00 (102.70 to 103.70): V

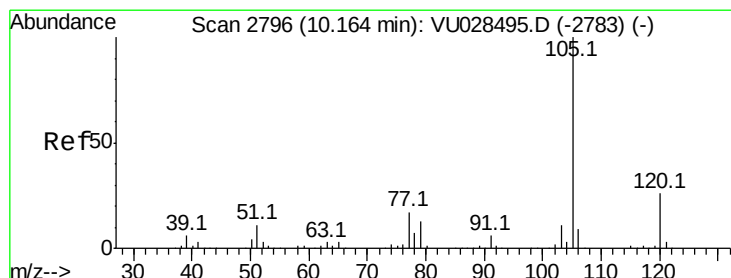
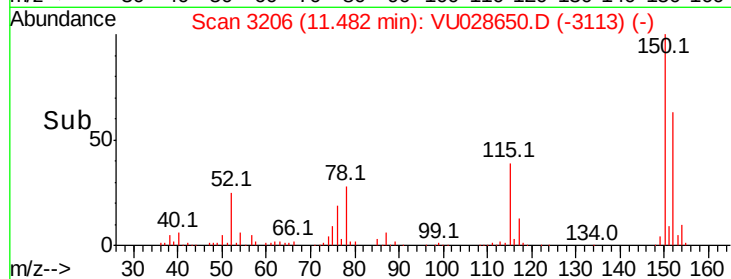
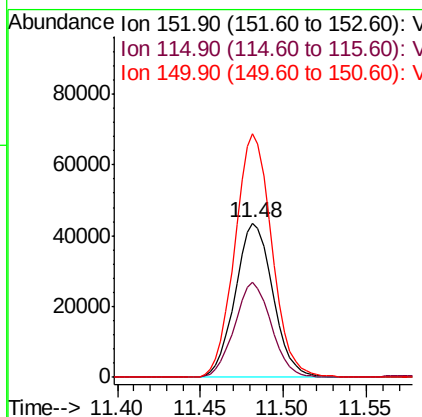
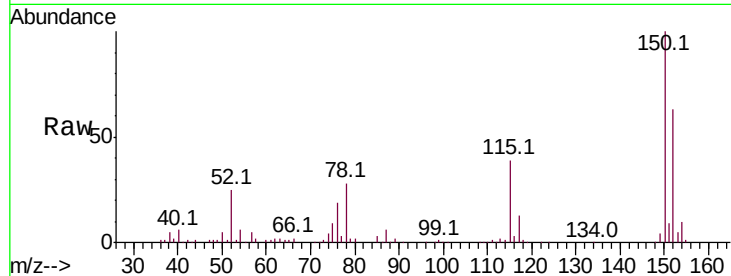




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 11.48 min Scan# 3206
 Delta R.T. -0.00 min
 Lab File: VU028650.D
 Acq: 12 Dec 2018 14:22

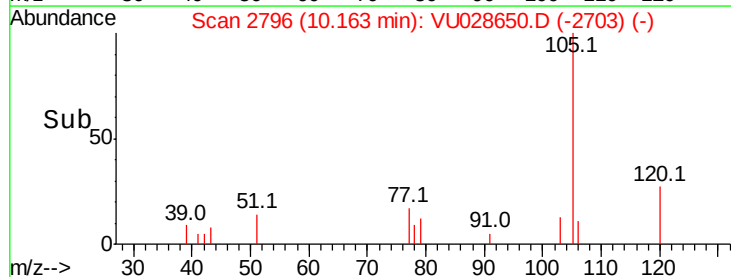
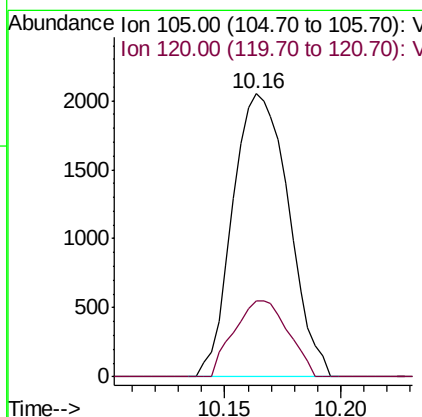
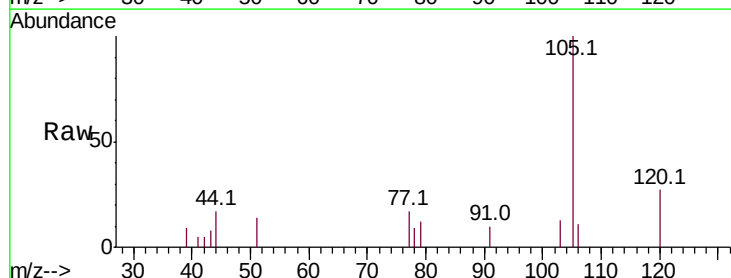
Instrument :
 MSVOA_U
 ClientSampleId :
 P001-SW001-01DL

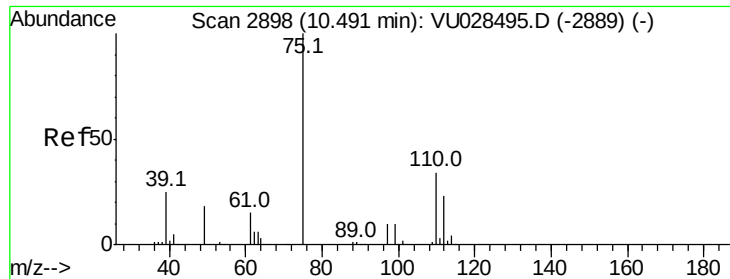
Tot Ion:152 Resp: 68634
 Ion Ratio Lower Upper
 152 100
 115 60.5 42.7 128.1
 150 155.7 0.0 346.0



#73
 Isopropylbenzene
 Concen: 0.652 ug/l
 RT: 10.16 min Scan# 2796
 Delta R.T. -0.00 min
 Lab File: VU028650.D
 Acq: 12 Dec 2018 14:22

Tgt Ion:105 Resp: 3436
 Ion Ratio Lower Upper
 105 100
 120 26.1 12.9 38.6





#76

1,2,3-Trichloropropane

Concen: 22.799 ug/l

RT: 10.30 min Scan# 2840

Delta R.T. -0.19 min

Lab File: VU028650.D

Acq: 12 Dec 2018 14:22

Instrument :

MSVOA_U

ClientSampleId :

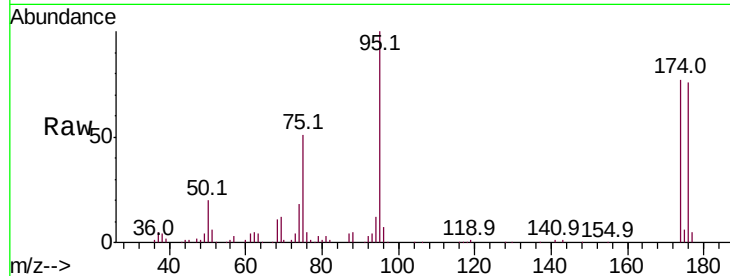
P001-SW001-01DL

Tot Ion: 75 Resp: 39957

Ion Ratio Lower Upper

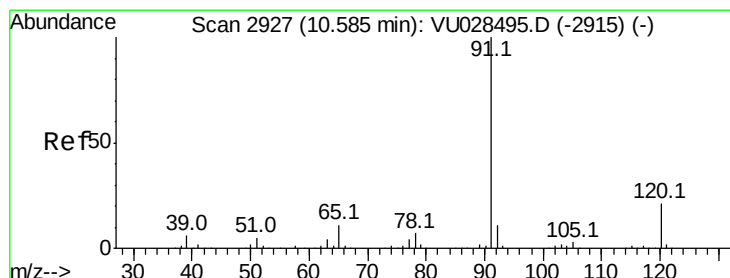
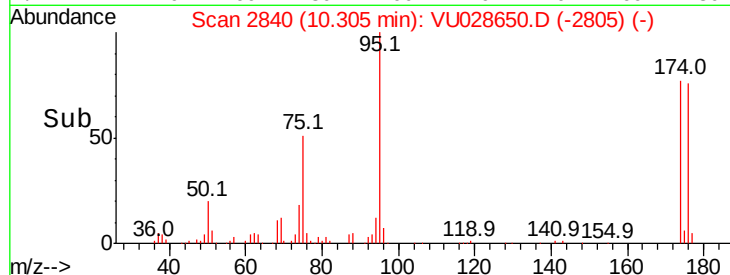
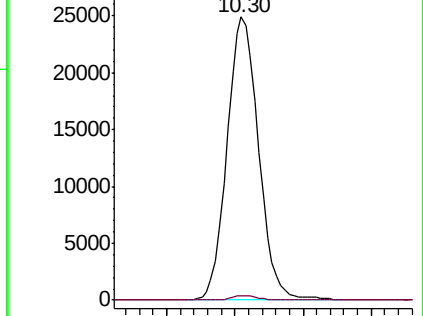
75 100

77 1.2 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: 1.395 ug/l

RT: 10.59 min Scan# 2928

Delta R.T. 0.00 min

Lab File: VU028650.D

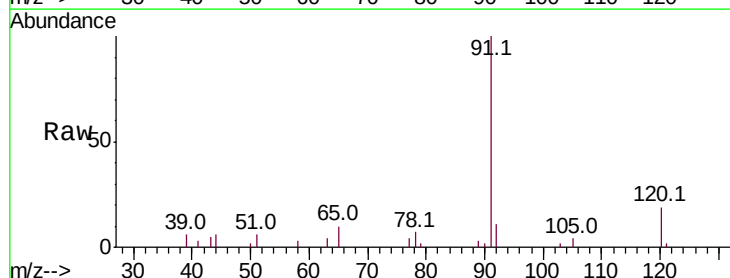
Acq: 12 Dec 2018 14:22

Tgt Ion: 91 Resp: 9130

Ion Ratio Lower Upper

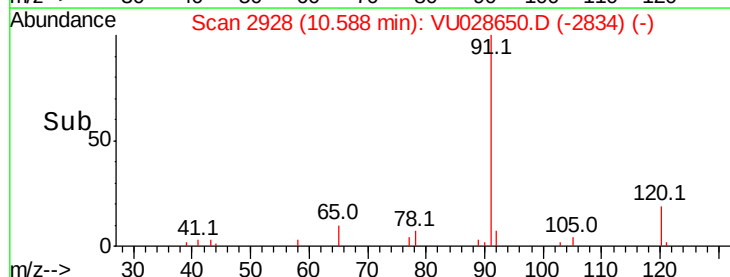
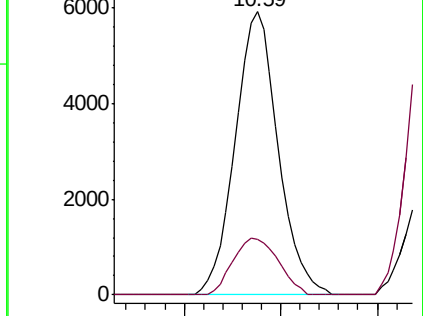
91 100

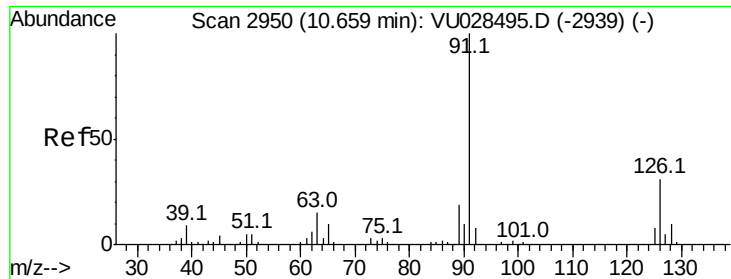
120 21.2 10.6 31.8



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 120.00 (119.70 to 120.70): V

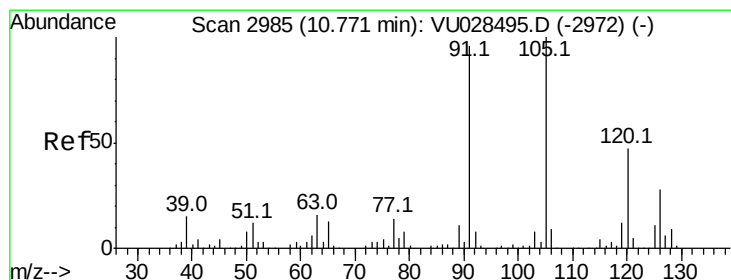
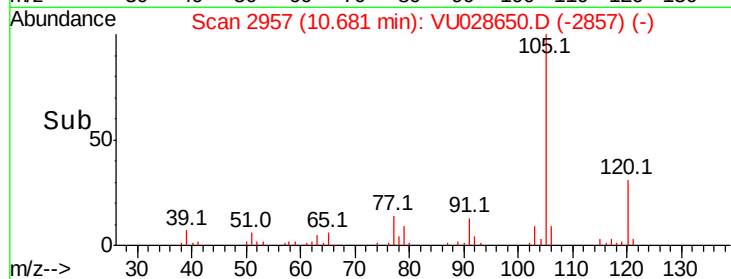
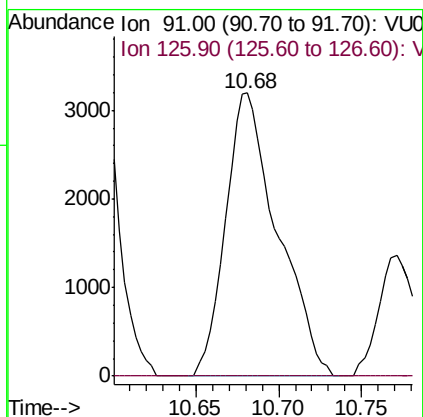
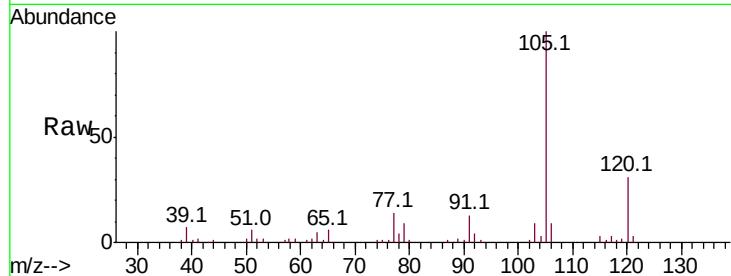




#79
 2-Chlorotoluene
 Concen: 1.845 ug/l
 RT: 10.68 min Scan# 2957
 Delta R.T. 0.02 min
 Lab File: VU028650.D
 Acq: 12 Dec 2018 14:22

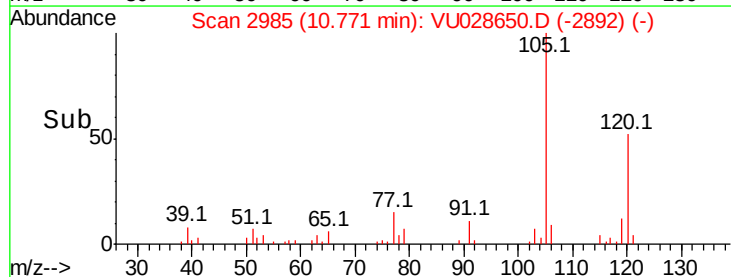
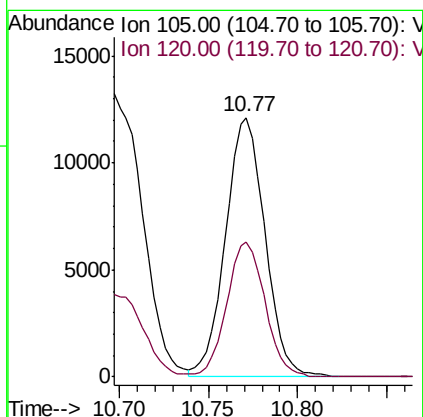
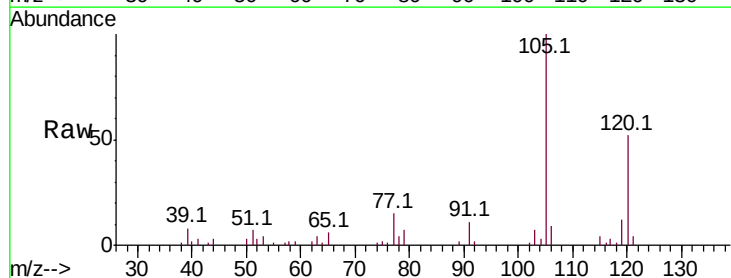
Instrument :
 MSVOA_U
 ClientSampleId :
 P001-SW001-01DL

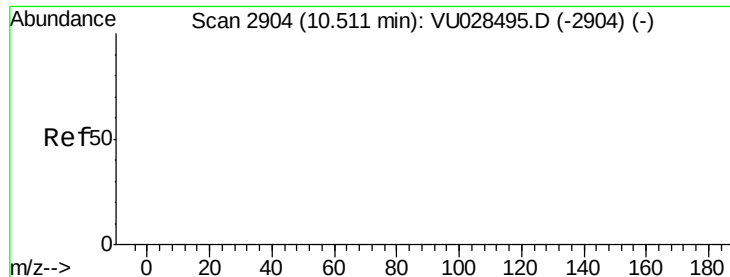
Tot Ion: 91 Resp: 6955
 Ion Ratio Lower Upper
 91 100
 126 0.0 15.6 46.8#



#80
 1,3,5-Trimethylbenzene
 Concen: 4.278 ug/l
 RT: 10.77 min Scan# 2985
 Delta R.T. -0.00 min
 Lab File: VU028650.D
 Acq: 12 Dec 2018 14:22

Tgt Ion: 105 Resp: 18650
 Ion Ratio Lower Upper
 105 100
 120 50.3 23.7 71.1





#81

trans-1,4-Dichloro-2-butene

Concen: 55.992 ug/l

RT: 10.30 min Scan# 2840

Delta R.T. -0.21 min

Lab File: VU028650.D

Acq: 12 Dec 2018 14:22

Instrument :

MSVOA_U

ClientSampleId :

P001-SW001-01DL

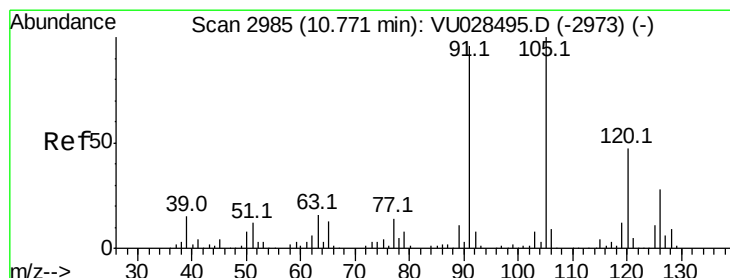
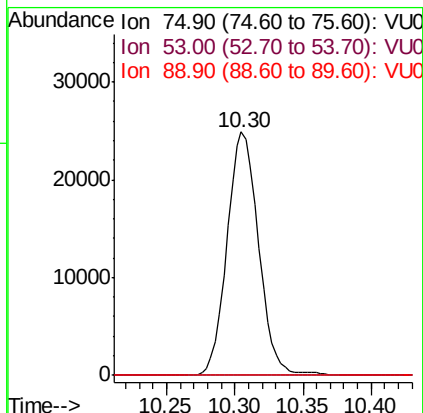
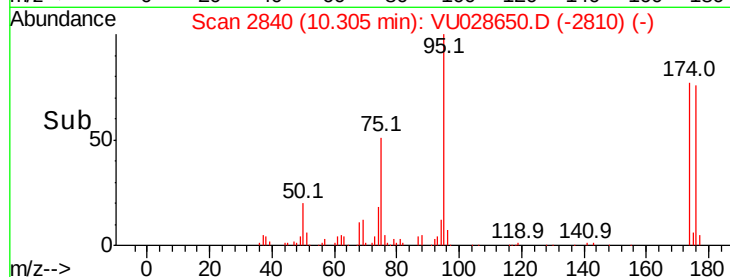
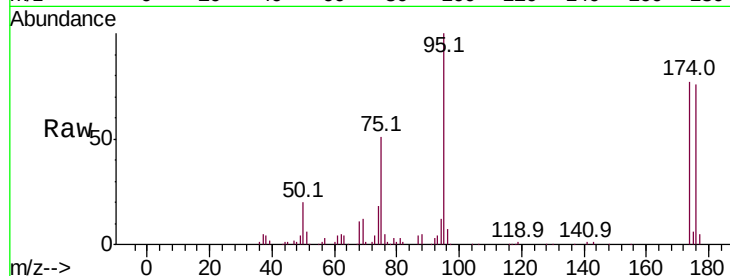
Tot Ion: 75 Resp: 39957

Ion Ratio Lower Upper

75 100

53 0.0 0.0 0.0

89 0.0 0.0 0.0



#82

4-Chlorotoluene

Concen: 0.465 ug/l

RT: 10.77 min Scan# 2985

Delta R.T. -0.00 min

Lab File: VU028650.D

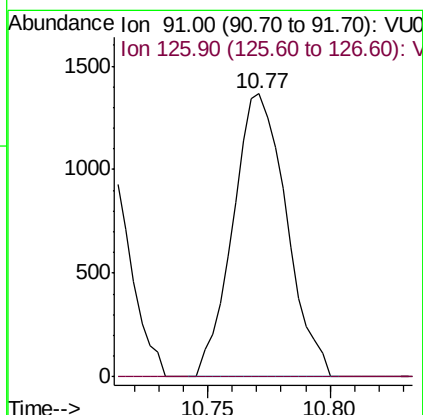
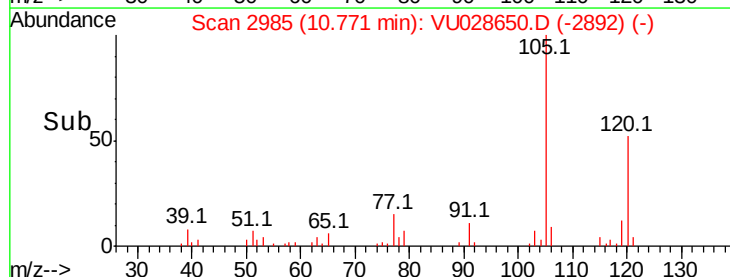
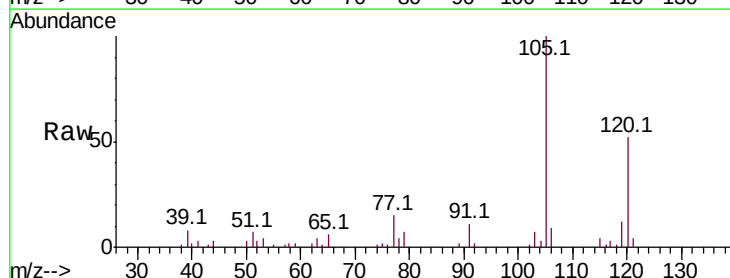
Acq: 12 Dec 2018 14:22

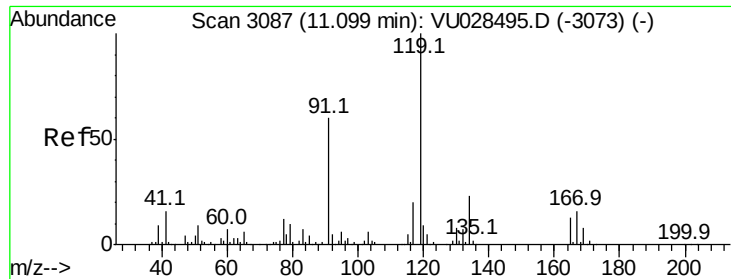
Tgt Ion: 91 Resp: 2078

Ion Ratio Lower Upper

91 100

126 0.0 14.1 42.3#





#83

tert-Butylbenzene

Concen: 1.636 ug/l

RT: 11.15 min Scan# 3102

Delta R.T. 0.05 min

Lab File: VU028650.D

Acq: 12 Dec 2018 14:22

Instrument :

MSVOA_U

ClientSampleId :

P001-SW001-01DL

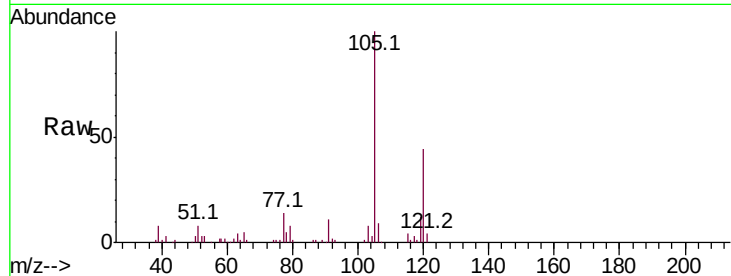
Tot Ion:119 Resp: 6874

Ion Ratio Lower Upper

119 100

91 90.3 30.3 91.0

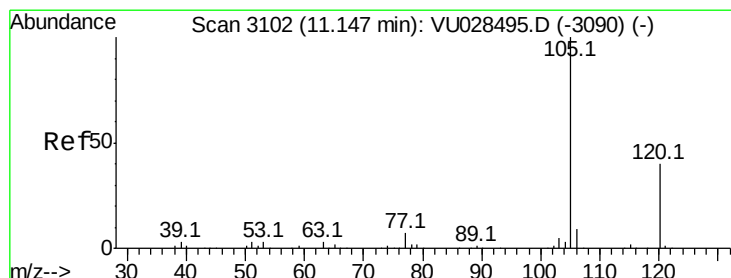
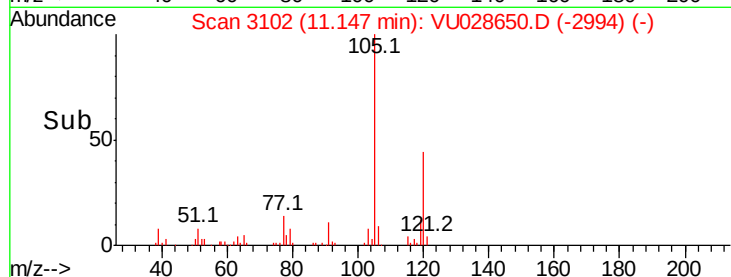
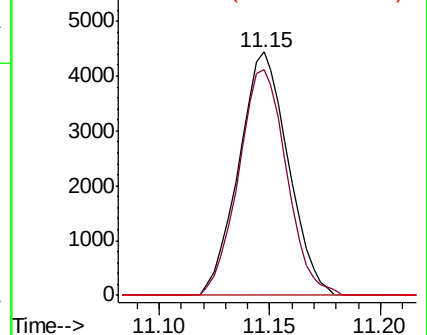
134 0.0 11.2 33.5#



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 13.028 ug/l

RT: 11.15 min Scan# 3102

Delta R.T. -0.00 min

Lab File: VU028650.D

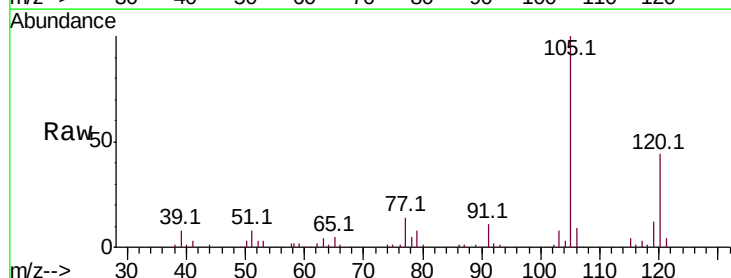
Acq: 12 Dec 2018 14:22

Tgt Ion:105 Resp: 58534

Ion Ratio Lower Upper

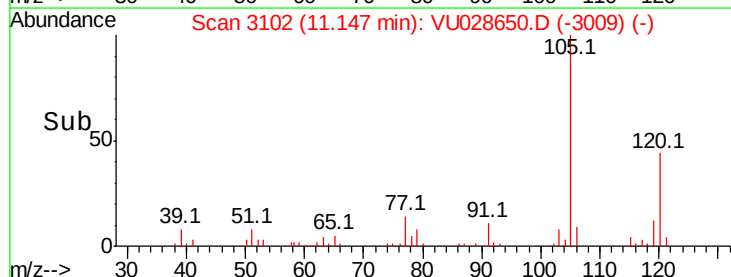
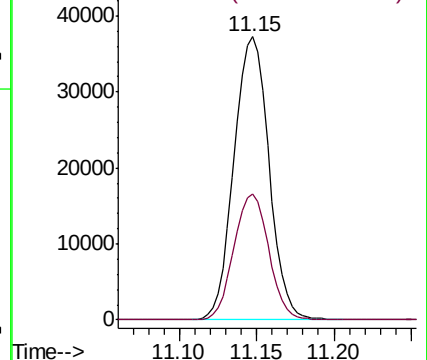
105 100

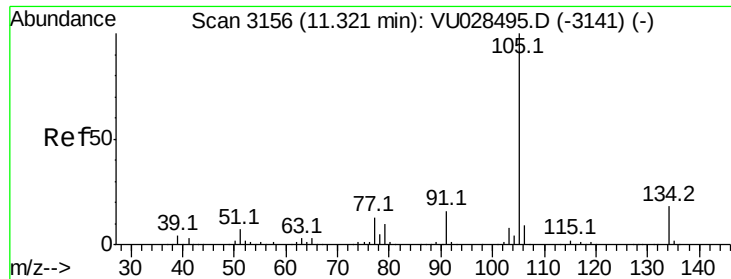
120 44.2 21.8 65.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 10.843 ug/l

RT: 11.15 min Scan# 3102

Delta R.T. -0.17 min

Lab File: VU028650.D

Acq: 12 Dec 2018 14:22

Instrument :

MSVOA_U

ClientSampleId :

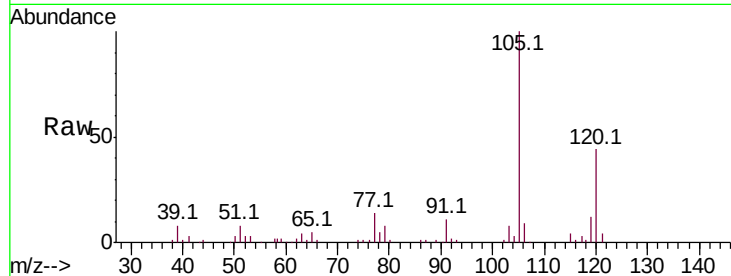
P001-SW001-01DL

Tot Ion:105 Resp: 58534

Ion Ratio Lower Upper

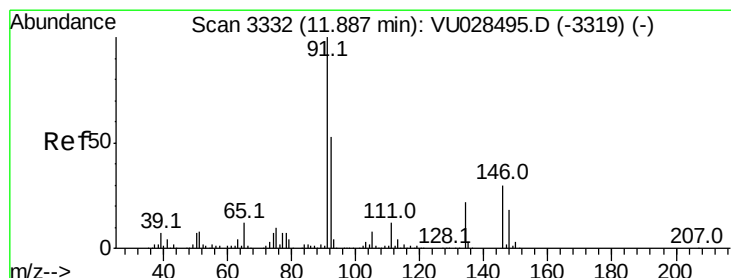
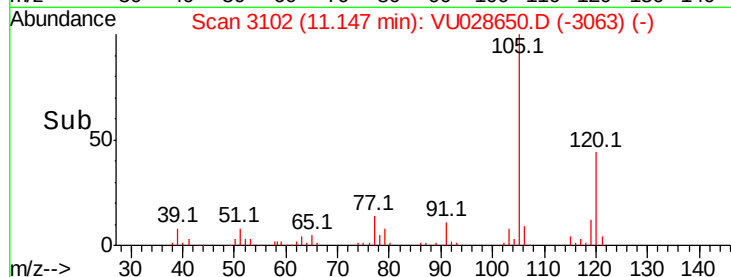
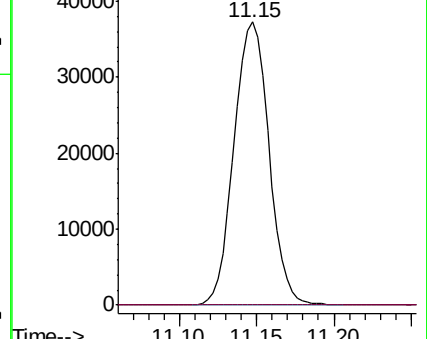
105 100

134 0.0 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: 0.327 ug/l

RT: 11.88 min Scan# 3329

Delta R.T. -0.01 min

Lab File: VU028650.D

Acq: 12 Dec 2018 14:22

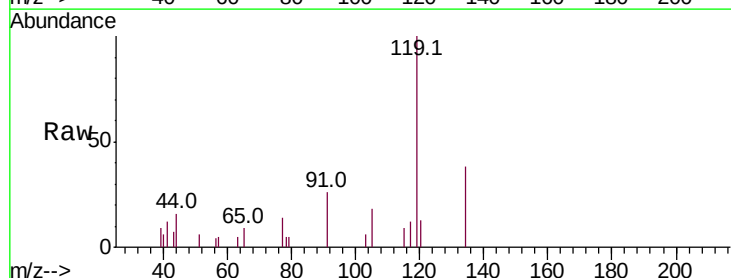
Tgt Ion: 91 Resp: 1518

Ion Ratio Lower Upper

91 100

92 17.6 26.3 78.9#

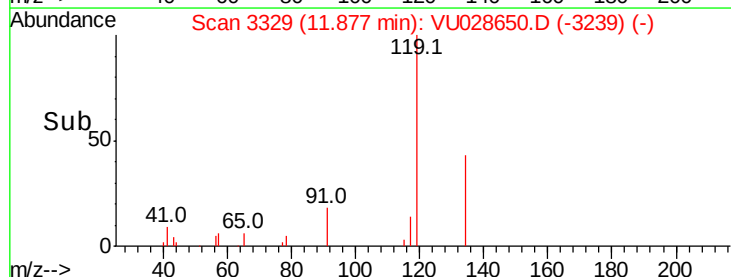
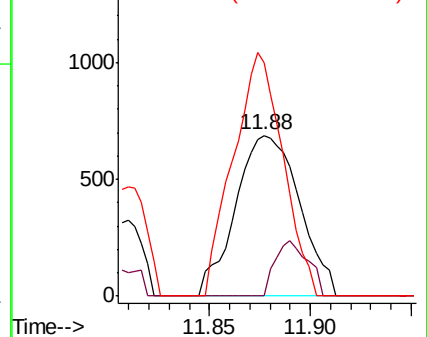
134 118.3 11.3 33.8#

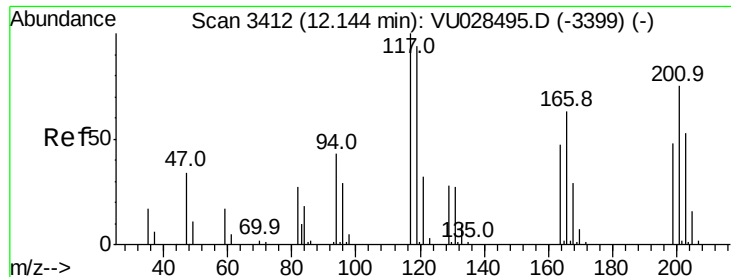


Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 92.00 (91.70 to 92.70): VU0

Ion 134.00 (133.70 to 134.70): V





#90

Hexachloroethane

Concen: 0.355 ug/l

RT: 12.14 min Scan# 3411

Delta R.T. -0.00 min

Lab File: VU028650.D

Acq: 12 Dec 2018 14:22

Instrument :

MSVOA_U

ClientSampleId :

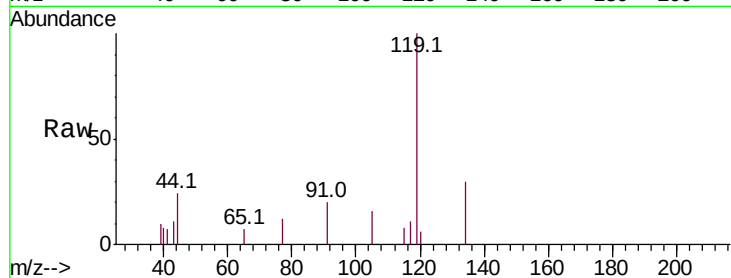
P001-SW001-01DL

Tot Ion:117 Resp: 246

Ion Ratio Lower Upper

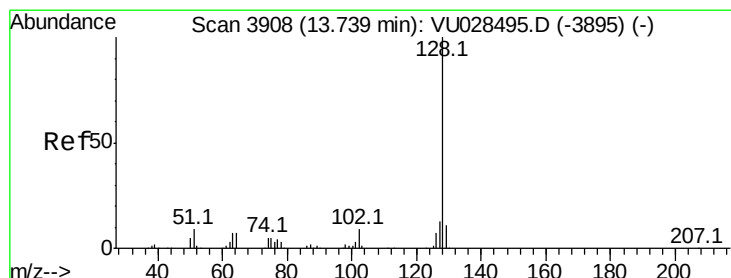
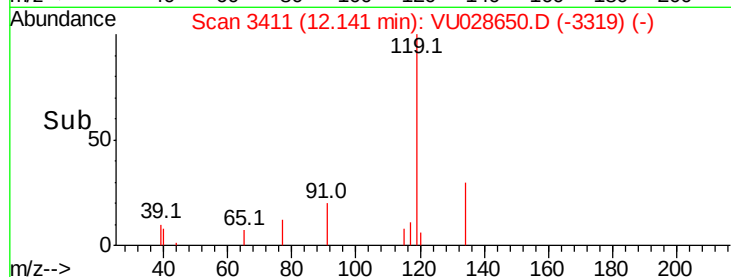
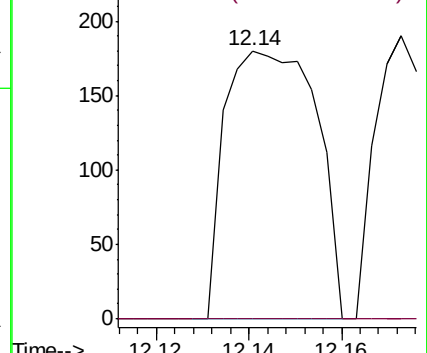
117 100

201 0.0 38.1 114.5#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#95

Naphthalene

Concen: 2.746 ug/l

RT: 13.75 min Scan# 3910

Delta R.T. 0.01 min

Lab File: VU028650.D

Acq: 12 Dec 2018 14:22

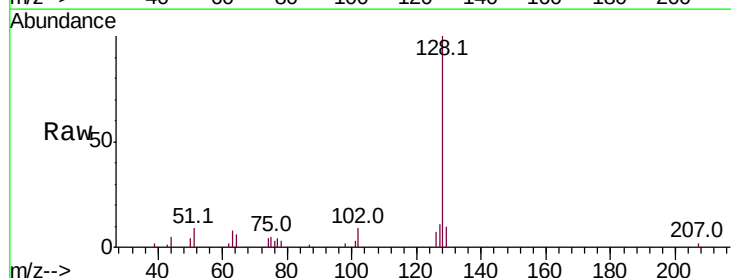
Tgt Ion:128 Resp: 15331

Ion Ratio Lower Upper

128 100

127 10.2 10.4 15.6#

129 10.5 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

