

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU061818\
 Data File : VU024697.D
 Acq On : 18 Jun 2018 17:25
 Operator : MD/SY
 Sample : J3463-15
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 T11-MW-14-8.0-061218

Quant Time: Jun 19 05:13:32 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U061318W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 13 13:55:26 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	195637	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	317810	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	285255	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	150407	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	139048	43.54	ug/l	0.00
Spiked Amount			Recovery	=	87.08%	
35) Dibromofluoromethane	4.89	113	124776	47.31	ug/l	0.00
Spiked Amount			Recovery	=	94.62%	
50) Toluene-d8	7.57	98	457877	47.59	ug/l	0.00
Spiked Amount			Recovery	=	95.18%	
62) 4-Bromofluorobenzene	10.31	95	158800	41.57	ug/l	0.00
Spiked Amount			Recovery	=	83.14%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.33	50	673	0.269	ug/l	94
5) Bromomethane	1.64	94	379	0.304	ug/l	92
6) Chloroethane	1.45	64	56368	38.864	ug/l #	50
8) Diethyl Ether	1.90	74	19	Below Cal	#	1
10) Methyl Iodide	2.42	142	20	5.297	ug/l #	40
11) Tert butyl alcohol	2.83	59	2297	2.957	ug/l	95
13) Acrolein	2.19	56	493	1.209	ug/l #	31
16) Acetone	2.32	43	65560	38.204	ug/l	96
17) Carbon Disulfide	2.48	76	3238	0.454	ug/l #	94
18) Methyl Acetate	2.62	43	1389	0.378	ug/l #	78
19) Methyl tert-butyl Ether	3.01	73	5380	0.642	ug/l	100
20) Methylene Chloride	2.70	84	615	0.228	ug/l #	71
25) 2-Butanone	4.27	43	44150	19.154	ug/l	99
31) Cyclohexane	4.99	56	4150	Below Cal	#	5
36) 1,1-Dichloropropene	4.99	75	13978	3.743	ug/l #	51
37) Ethyl Acetate	4.27	43	44150	10.847	ug/l #	70
38) Carbon Tetrachloride	4.99	117	17933	4.367	ug/l #	16
39) Methylcyclohexane	6.41	83	1391	0.298	ug/l #	68
41) Methacrylonitrile	4.57	41	1454	0.663	ug/l #	47
51) 4-Methyl-2-Pentanone	7.47	43	12536	2.836	ug/l	98
59) 2-Hexanone	8.38	43	1858	0.515	ug/l	76
73) Isopropylbenzene	10.17	105	17059	1.477	ug/l	94
74) N-amyl acetate	10.06	43	1407	0.256	ug/l #	63
76) 1,2,3-Trichloropropane	10.31	75	80052	24.175	ug/l #	35
78) n-propylbenzene	10.59	91	23917	1.758	ug/l	98
79) 2-Chlorotoluene	10.59	91	23917	2.981	ug/l #	41
81) trans-1,4-Dichloro-2-buten	10.31	75	80052	55.950	ug/l #	100
82) 4-Chlorotoluene	10.59	91	23917	2.562	ug/l #	45
83) tert-Butylbenzene	11.10	119	3185	0.331	ug/l	86
84) 1,2,4-Trimethylbenzene	11.16	105	2512	0.246	ug/l	69
85) sec-Butylbenzene	11.33	105	20316	1.686	ug/l	97
86) p-Isopropyltoluene	11.69	119	5751	0.533	ug/l	91
89) n-Butylbenzene	11.89	91	6601	0.689	ug/l #	70
90) Hexachloroethane	12.26	117	3393	1.611	ug/l #	8

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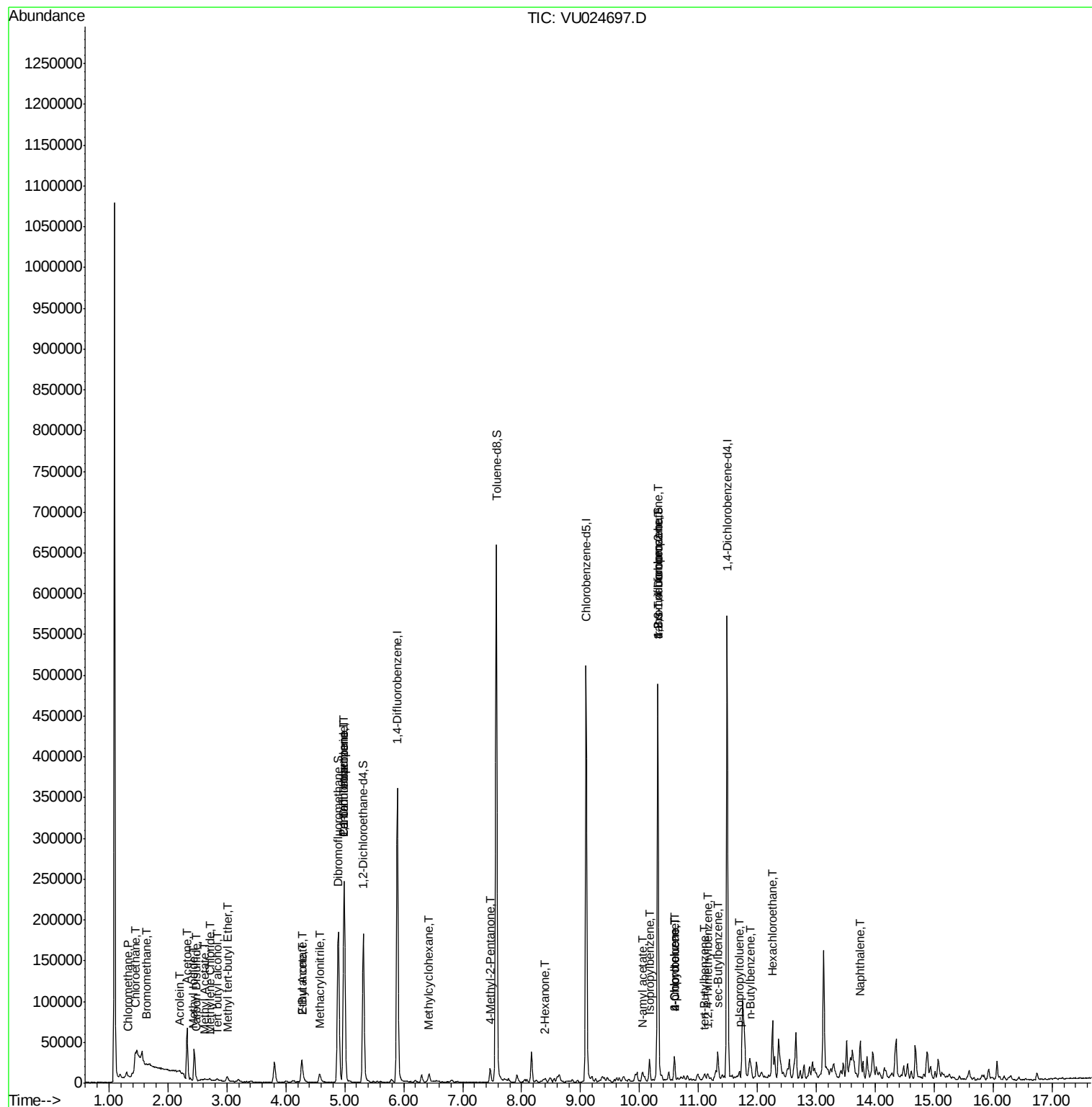
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
95) Naphthalene	13.75	128	27132	3.099	ug/l #	91

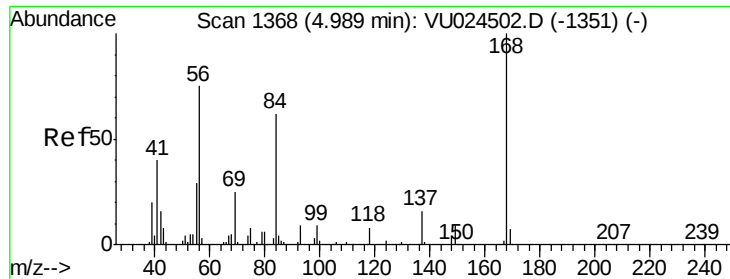
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.99 min Scan# 1368

Delta R.T. -0.00 min

Lab File: VU024697.D

Acq: 18 Jun 2018 17:25

Instrument :

MSVOA_U

ClientSampleId :

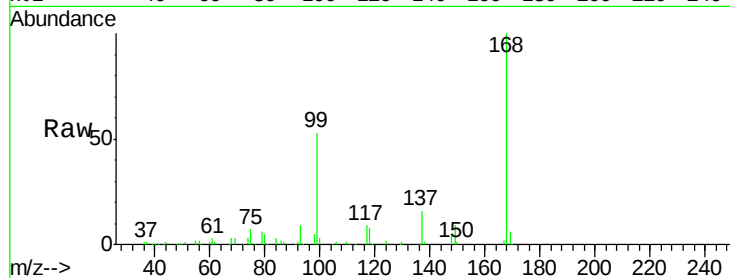
T11-MW-14-8.0-061218

Tgt Ion:168 Resp: 195637

Ion Ratio Lower Upper

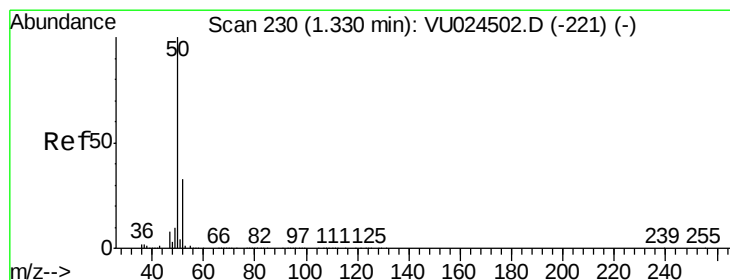
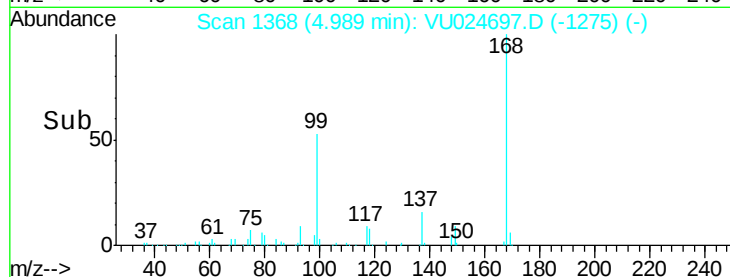
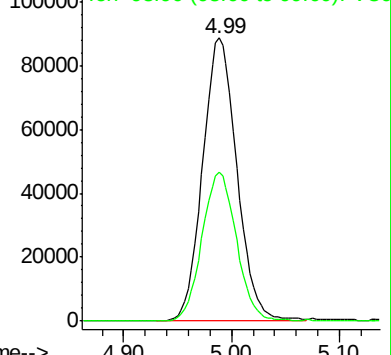
168 100

99 52.7 43.2 64.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VU0



#3

Chloromethane

Concen: 0.269 ug/l

RT: 1.33 min Scan# 230

Delta R.T. -0.00 min

Lab File: VU024697.D

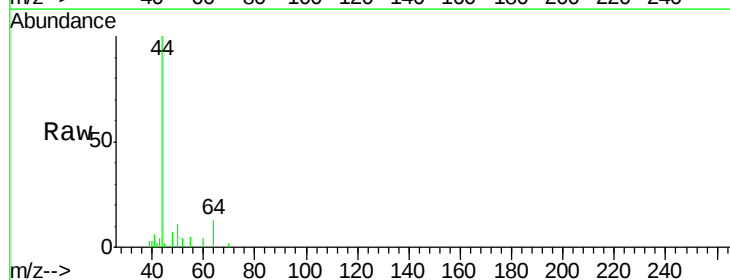
Acq: 18 Jun 2018 17:25

Tgt Ion: 50 Resp: 673

Ion Ratio Lower Upper

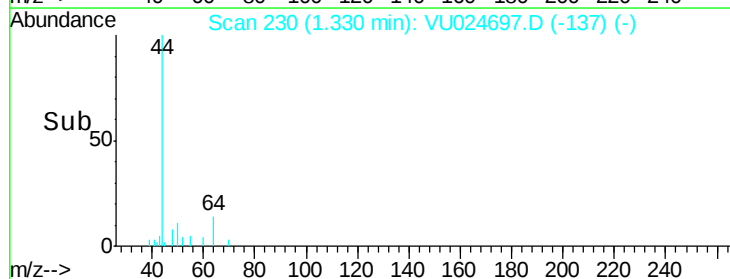
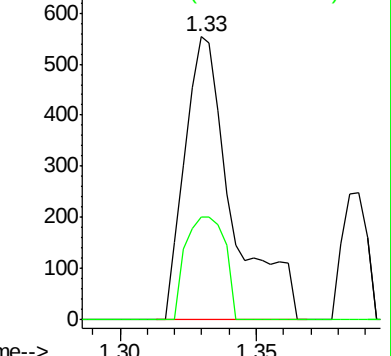
50 100

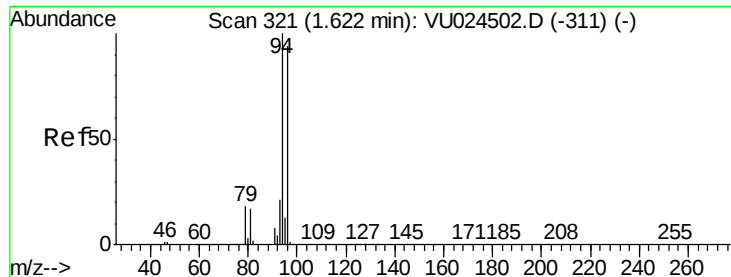
52 36.3 26.4 39.6



Abundance Ion 49.90 (49.60 to 50.60): VU0

Ion 51.90 (51.60 to 52.60): VU0





#5

Bromomethane

Concen: 0.304 ug/l

RT: 1.64 min Scan# 325

Delta R.T. 0.01 min

Lab File: VU024697.D

Acq: 18 Jun 2018 17:25

Instrument :

MSVOA_U

ClientSampleId :

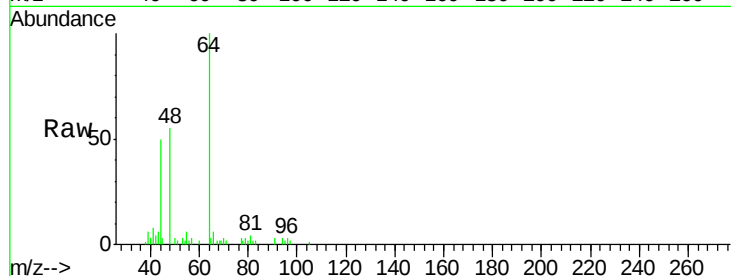
T11-MW-14-8.0-061218

Tgt Ion: 94 Resp: 379

Ion Ratio Lower Upper

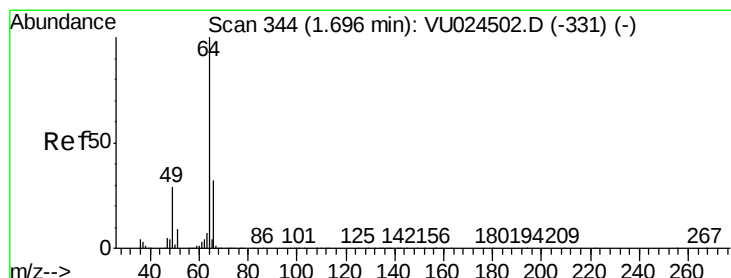
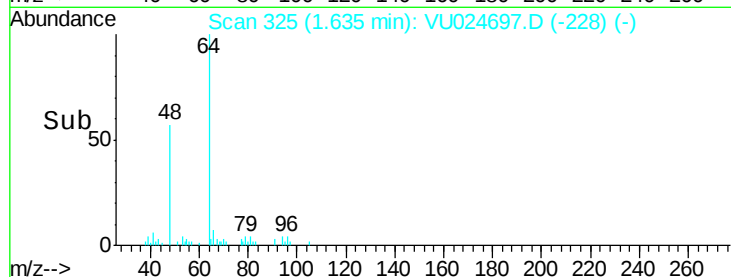
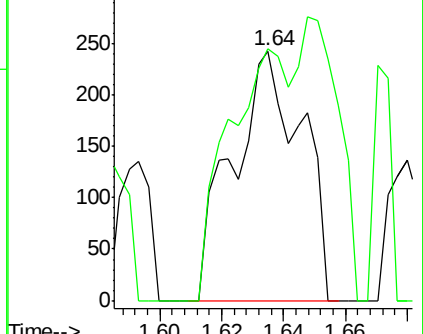
94 100

96 100.8 74.5 111.7



Abundance Ion 93.90 (93.60 to 94.60): VU0

Ion 95.90 (95.60 to 96.60): VU0



#6

Chloroethane

Concen: 38.864 ug/l

RT: 1.45 min Scan# 267

Delta R.T. -0.25 min

Lab File: VU024697.D

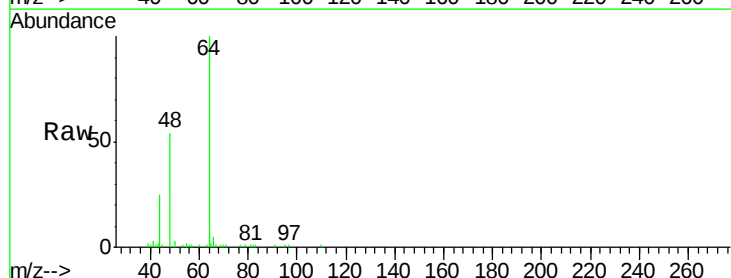
Acq: 18 Jun 2018 17:25

Tgt Ion: 64 Resp: 56368

Ion Ratio Lower Upper

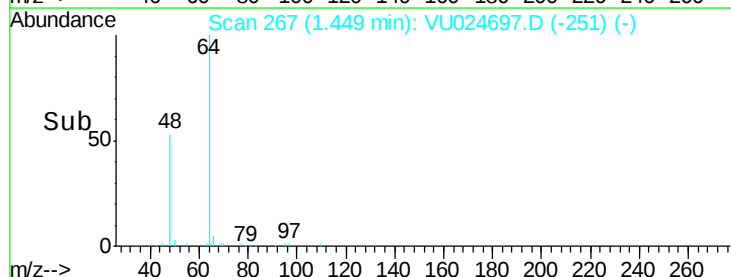
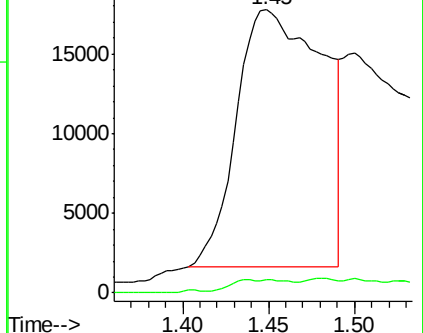
64 100

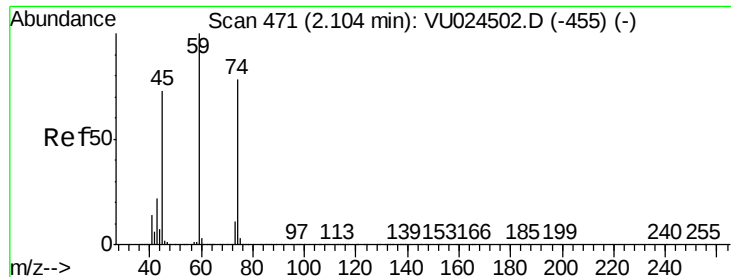
66 3.9 25.5 38.3#



Abundance Ion 63.90 (63.60 to 64.60): VU0

Ion 65.90 (65.60 to 66.60): VU0





#8

Diethyl Ether

Concen: Below Cal

RT: 1.90 min Scan# 407

Delta R.T. -0.21 min

Lab File: VU024697.D

Acq: 18 Jun 2018 17:25

Instrument :

MSVOA_U

ClientSampleId :

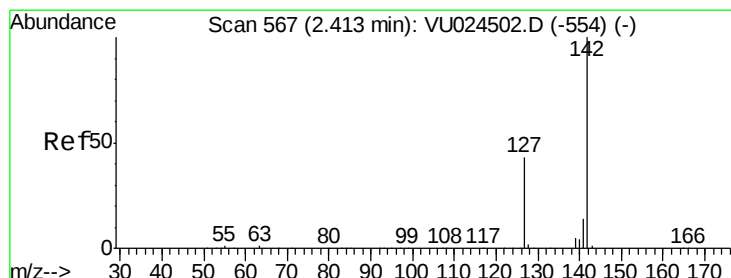
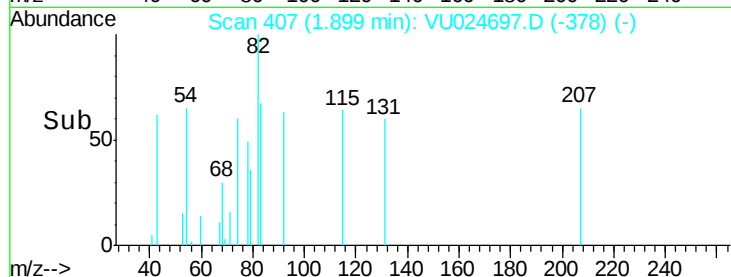
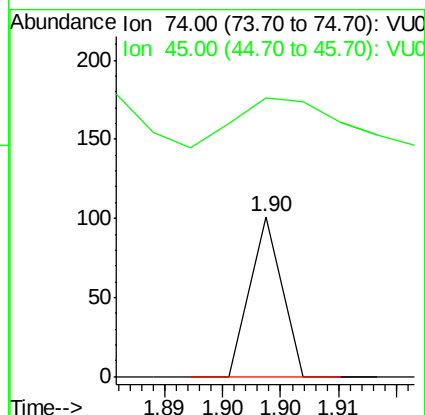
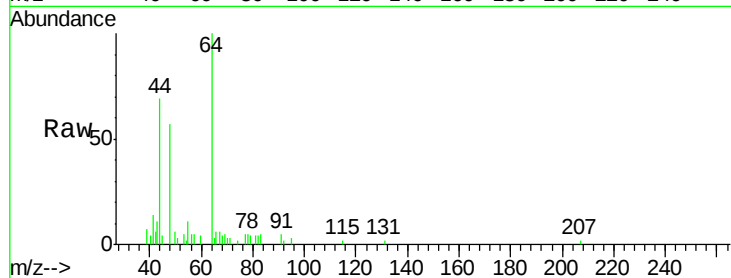
T11-MW-14-8.0-061218

Tgt Ion: 74 Resp: 19

Ion Ratio Lower Upper

74 100

45 363.2 55.0 165.0#



#10

Methyl Iodide

Concen: 5.297 ug/l

RT: 2.42 min Scan# 569

Delta R.T. 0.01 min

Lab File: VU024697.D

Acq: 18 Jun 2018 17:25

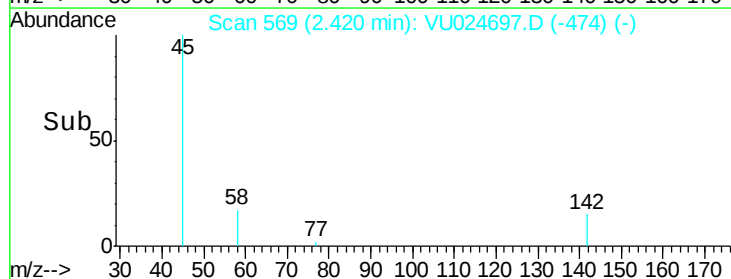
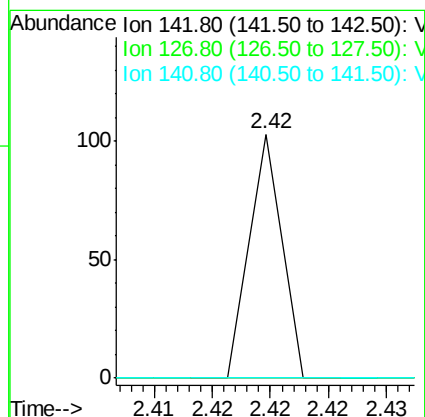
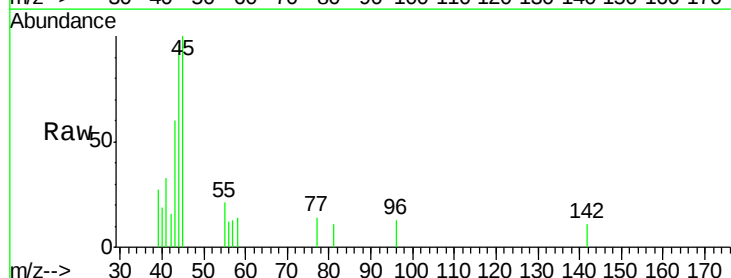
Tgt Ion: 142 Resp: 20

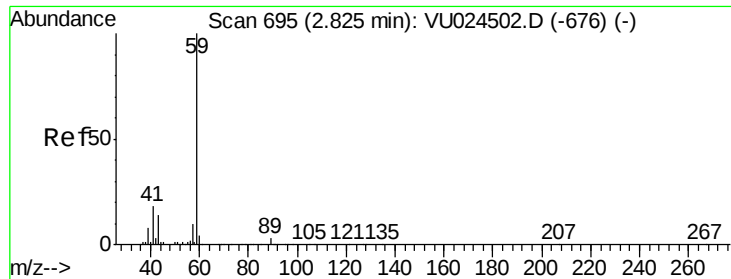
Ion Ratio Lower Upper

142 100

127 0.0 35.6 53.4#

141 0.0 11.7 17.5#

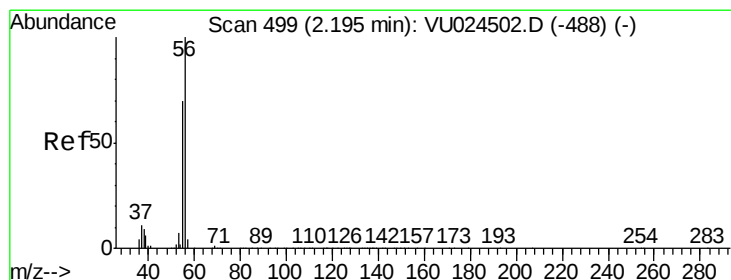
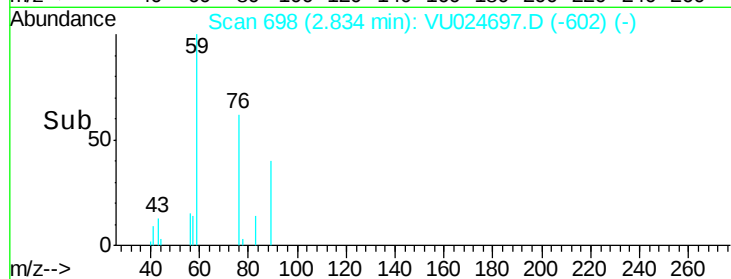
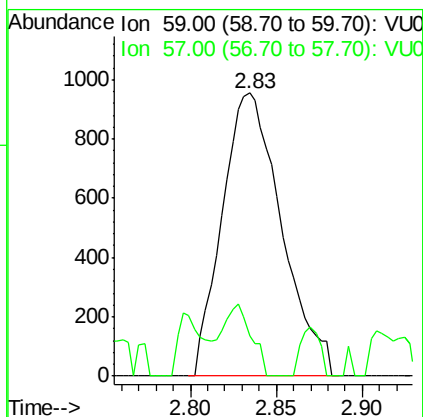
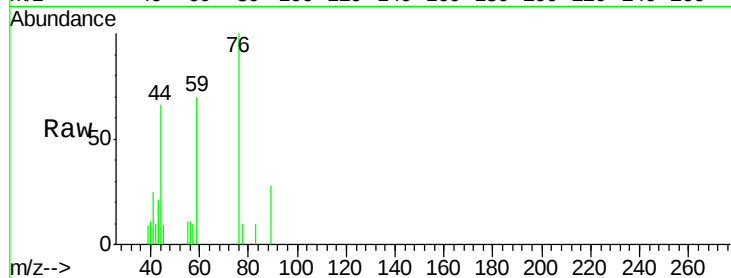




#11
Tert butyl alcohol
Concen: 2.957 ug/l
RT: 2.83 min Scan# 698
Delta R.T. 0.01 min
Lab File: VU024697.D
Acq: 18 Jun 2018 17:25

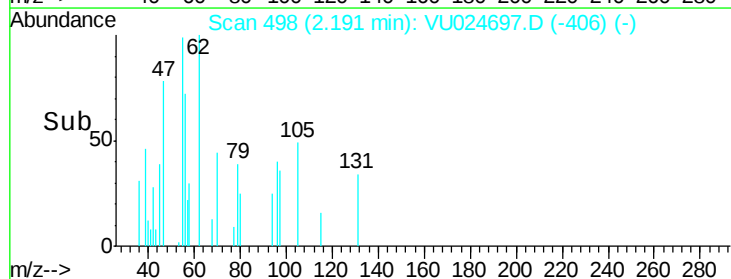
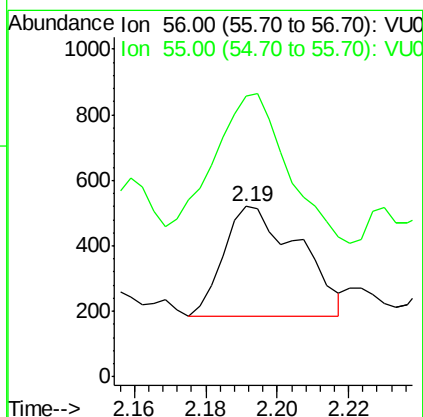
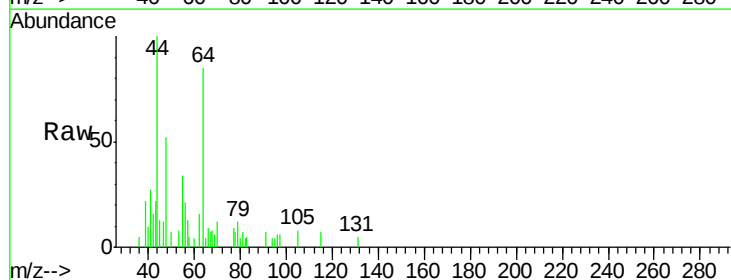
Instrument :
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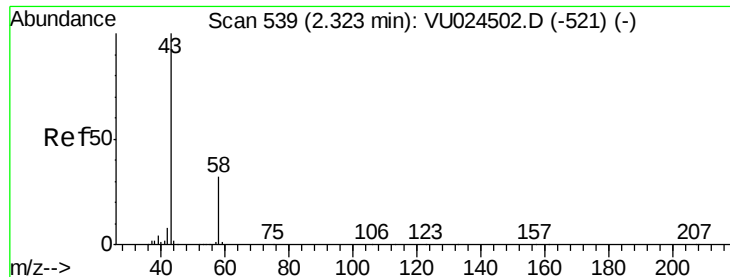
Tgt Ion: 59 Resp: 2297
Ion Ratio Lower Upper
59 100
57 12.5 8.5 12.7



#13
Acrolein
Concen: 1.209 ug/l
RT: 2.19 min Scan# 498
Delta R.T. -0.00 min
Lab File: VU024697.D
Acq: 18 Jun 2018 17:25

Tgt Ion: 56 Resp: 493
Ion Ratio Lower Upper
56 100
55 130.8 58.4 87.6#





#16

Acetone

Concen: 38.204 ug/l

RT: 2.32 min Scan# 539

Delta R.T. 0.00 min

Lab File: VU024697.D

Acq: 18 Jun 2018 17:25

Instrument :

MSVOA_U

ClientSampleId :

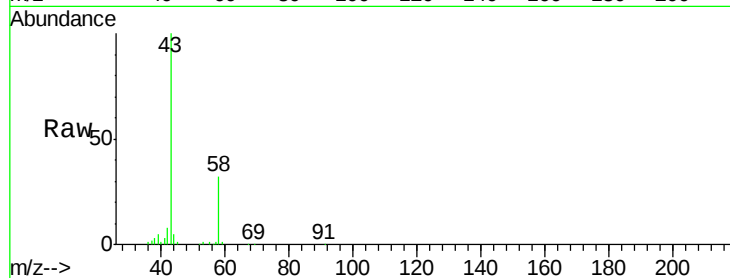
T11-MW-14-8.0-061218

Tgt Ion: 43 Resp: 65560

Ion Ratio Lower Upper

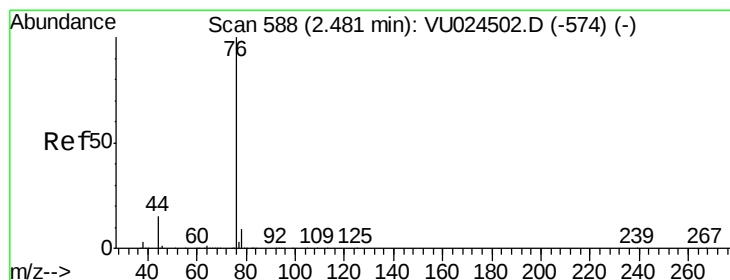
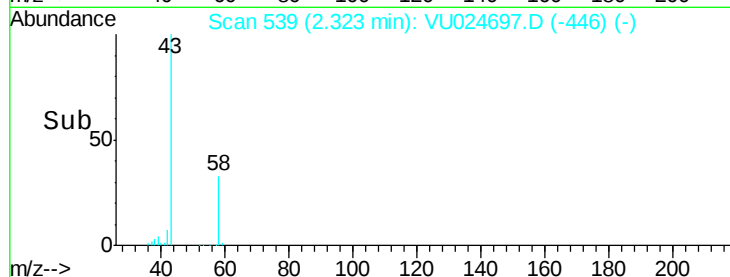
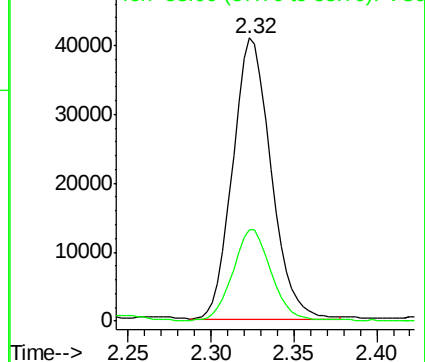
43 100

58 32.7 24.4 36.6



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0



#17

Carbon Disulfide

Concen: 0.454 ug/l

RT: 2.48 min Scan# 588

Delta R.T. 0.00 min

Lab File: VU024697.D

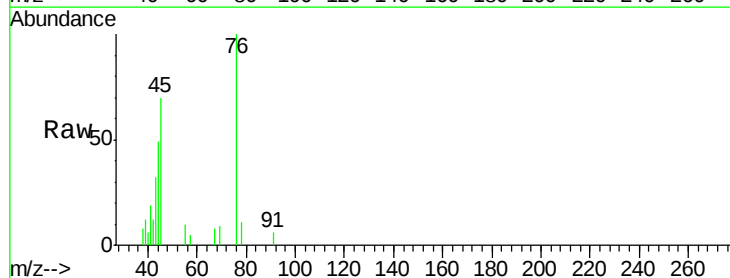
Acq: 18 Jun 2018 17:25

Tgt Ion: 76 Resp: 3238

Ion Ratio Lower Upper

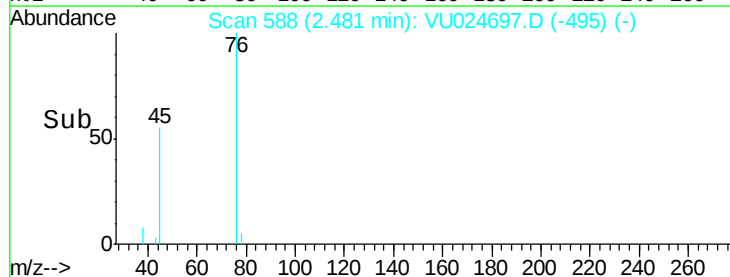
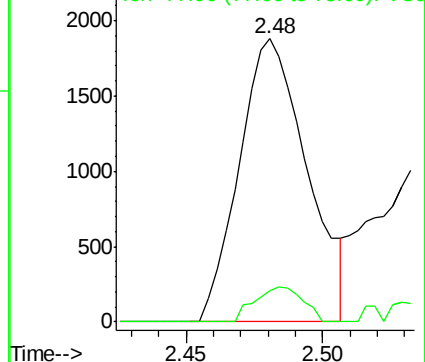
76 100

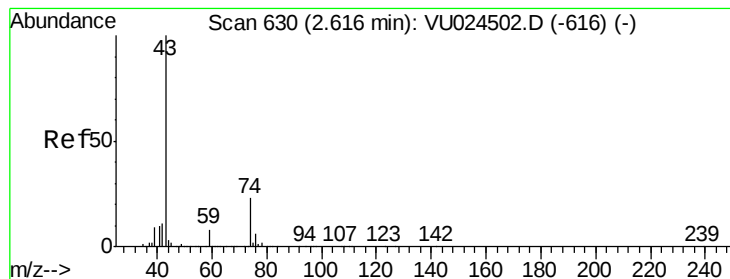
78 11.2 7.1 10.7#



Abundance Ion 75.90 (75.60 to 76.60): VU0

Ion 77.90 (77.60 to 78.60): VU0





#18

Methyl Acetate

Concen: 0.378 ug/l

RT: 2.62 min Scan# 632

Delta R.T. 0.01 min

Lab File: VU024697.D

Acq: 18 Jun 2018 17:25

Instrument :

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ClientSampleId :

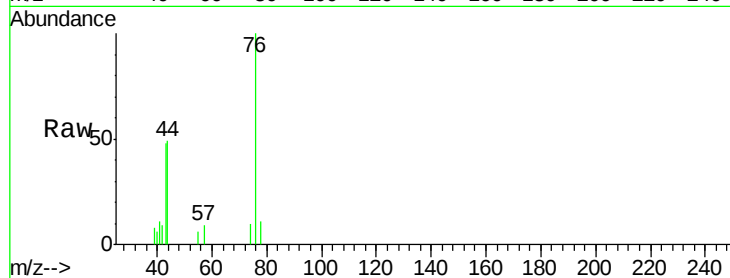
T11-MW-14-8.0-061218

Tgt Ion: 43 Resp: 1389

Ion Ratio Lower Upper

43 100

74 12.1 18.0 27.0#



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 74.00 (73.70 to 74.70): VU0

2.62

1000

800

600

400

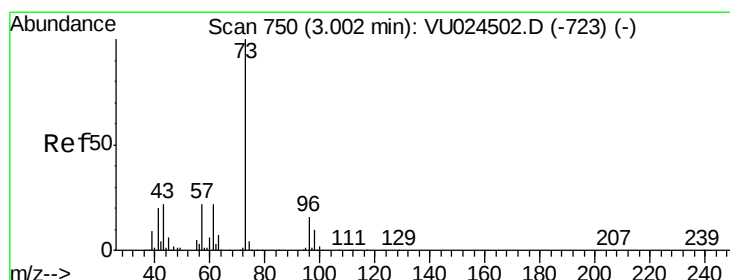
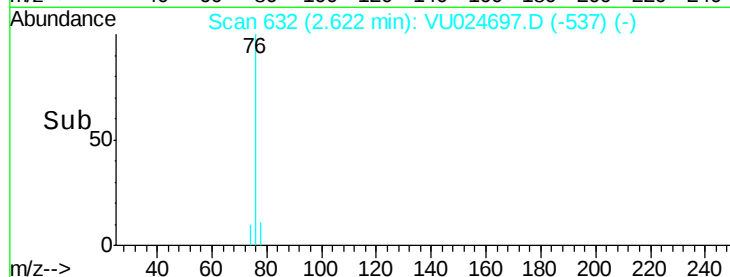
200

0

Time--> 2.55

2.60

2.65



#19

Methyl tert-butyl Ether

Concen: 0.642 ug/l

RT: 3.01 min Scan# 752

Delta R.T. 0.01 min

Lab File: VU024697.D

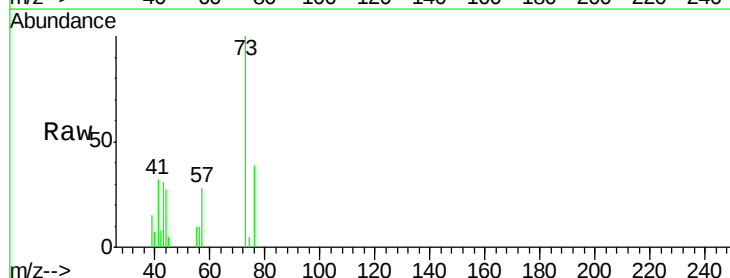
Acq: 18 Jun 2018 17:25

Tgt Ion: 73 Resp: 5380

Ion Ratio Lower Upper

73 100

57 23.4 18.8 28.2



Abundance Ion 73.00 (72.70 to 73.70): VU0

Ion 57.00 (56.70 to 57.70): VU0

3.01

2500

2000

1500

1000

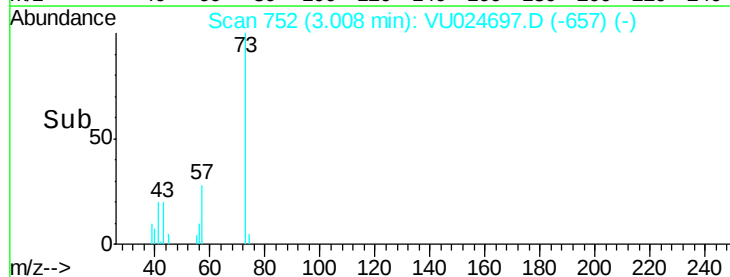
500

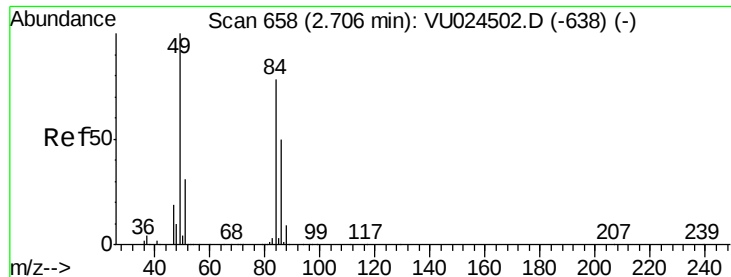
0

Time--> 2.95

3.00

3.05





#20

Methylene Chloride

Concen: 0.228 ug/l

RT: 2.70 min Scan# 657

Delta R.T. -0.00 min

Lab File: VU024697.D

Acq: 18 Jun 2018 17:25

Instrument :

MSVOA_U

ClientSampleId :

T11-MW-14-8.0-061218

Tgt Ion: 84 Resp: 615

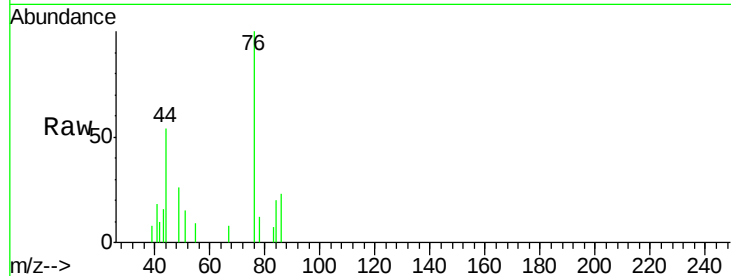
Ion Ratio Lower Upper

84 100

49 129.5 103.8 155.8

51 77.6 32.0 48.0#

86 116.0 51.6 77.4#

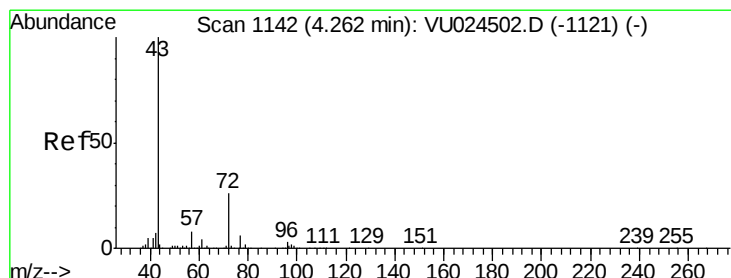
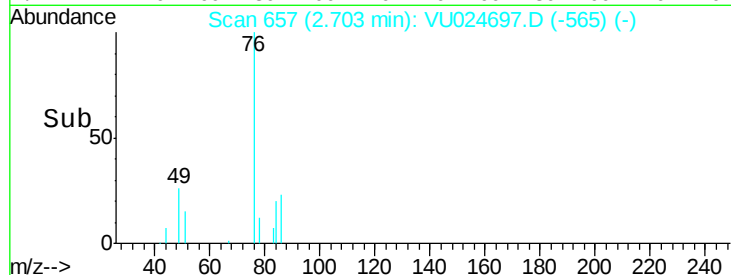
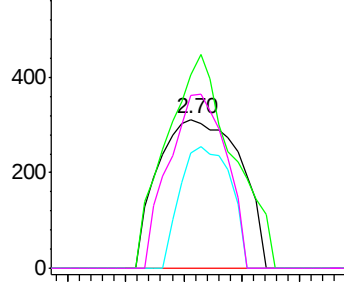


Abundance Ion 83.90 (83.60 to 84.60): VU0

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: 19.154 ug/l

RT: 4.27 min Scan# 1145

Delta R.T. 0.01 min

Lab File: VU024697.D

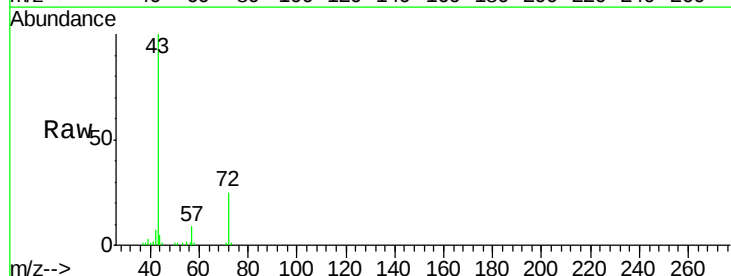
Acq: 18 Jun 2018 17:25

Tgt Ion: 43 Resp: 44150

Ion Ratio Lower Upper

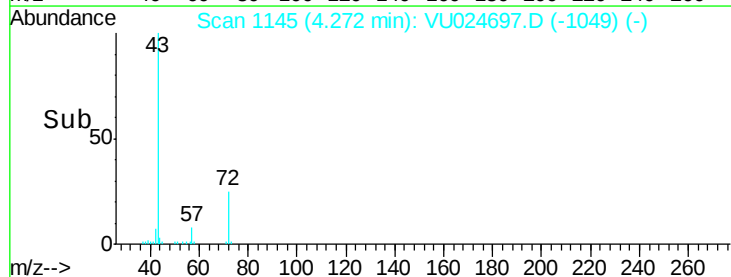
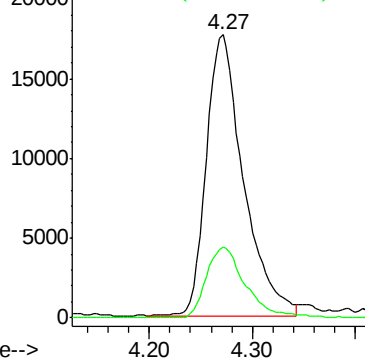
43 100

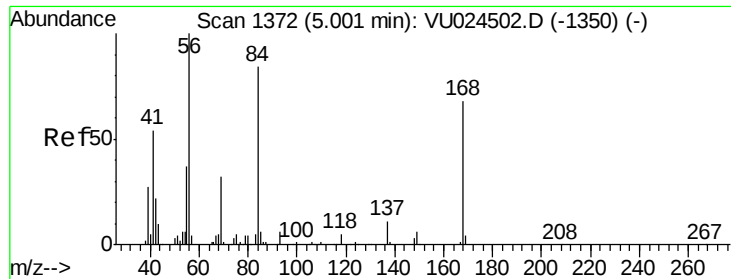
72 25.0 19.6 29.4



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 72.00 (71.70 to 72.70): VU0

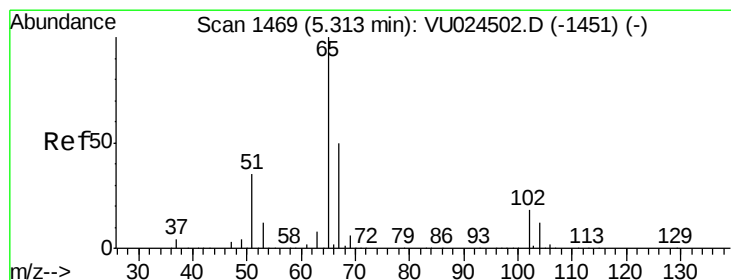
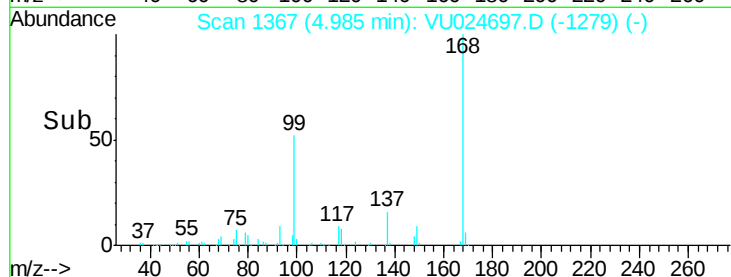
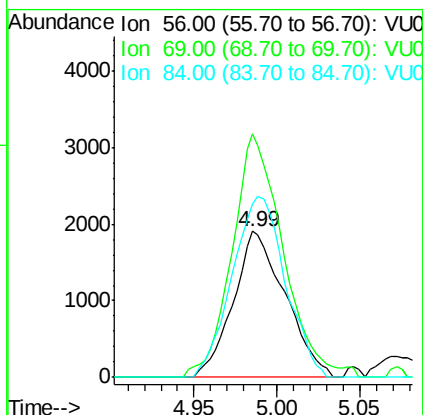
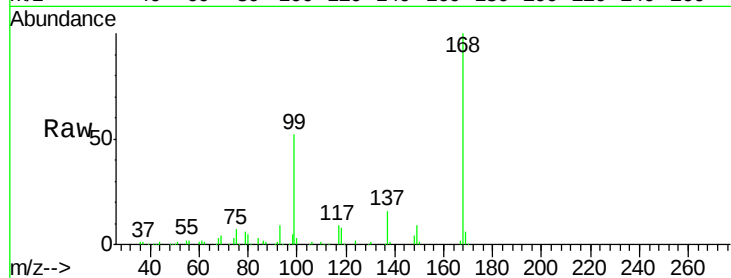




#31
Cyclohexane
Concen: Below Cal
RT: 4.99 min Scan# 1367
Delta R.T. -0.02 min
Lab File: VU024697.D
Acq: 18 Jun 2018 17:25

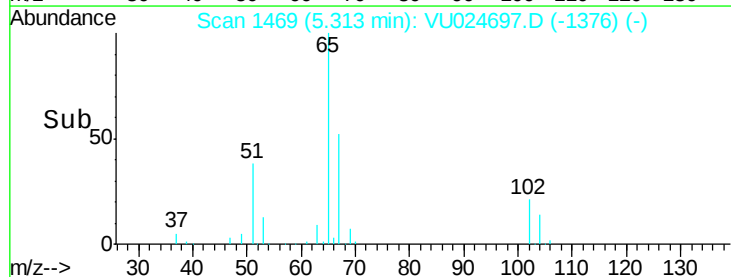
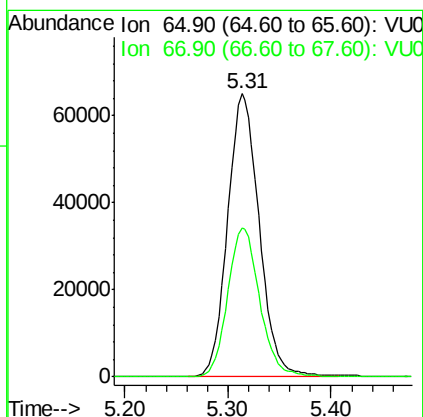
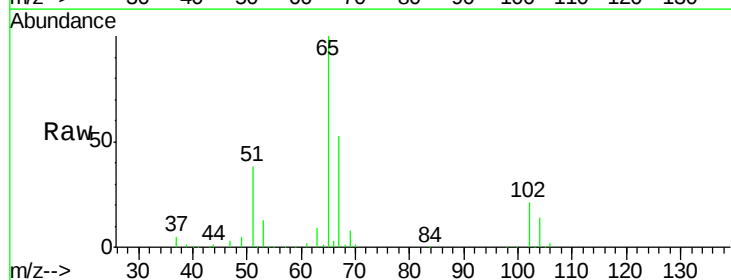
Instrument :
MSVOA_U
ClientSampleId :
T11-MW-14-8.0-061218

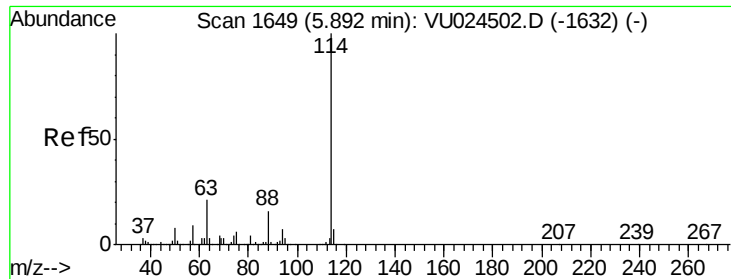
Tgt Ion: 56 Resp: 4150
Ion Ratio Lower Upper
56 100
69 160.8 24.8 37.2#
84 118.4 65.2 97.8#



#33
1,2-Dichloroethane-d4
Concen: 43.537 ug/l
RT: 5.31 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VU024697.D
Acq: 18 Jun 2018 17:25

Tgt Ion: 65 Resp: 139048
Ion Ratio Lower Upper
65 100
67 53.3 0.0 107.0

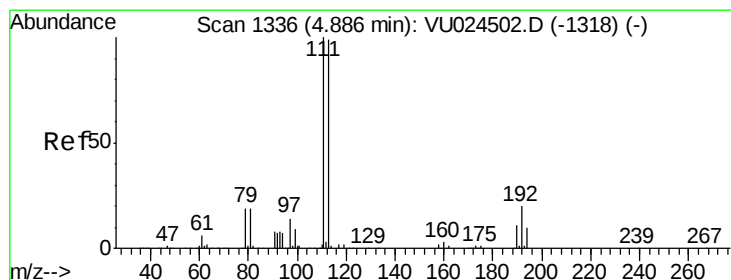
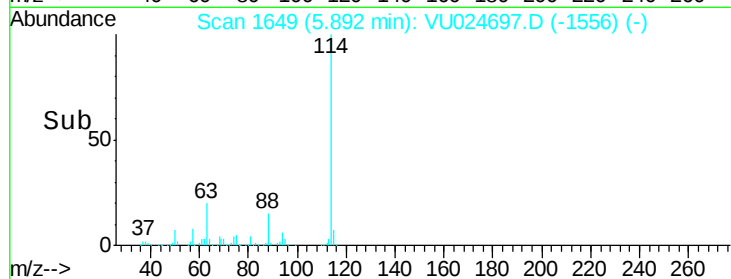
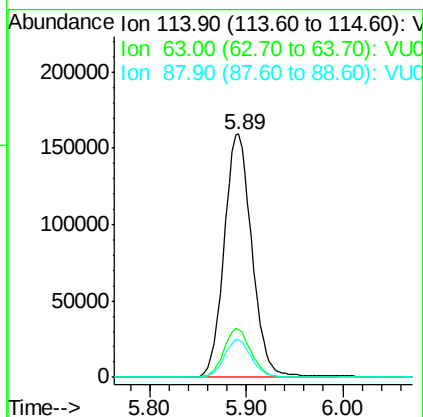
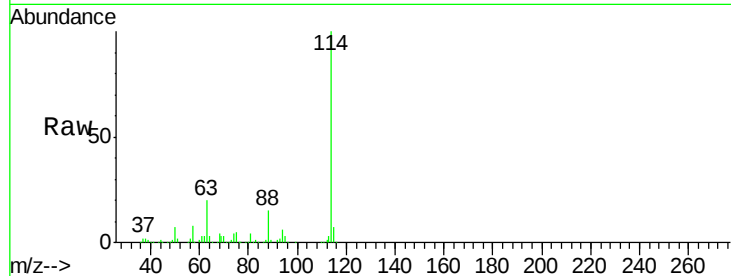




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.89 min Scan# 1649
Delta R.T. -0.00 min
Lab File: VU024697.D
Acq: 18 Jun 2018 17:25

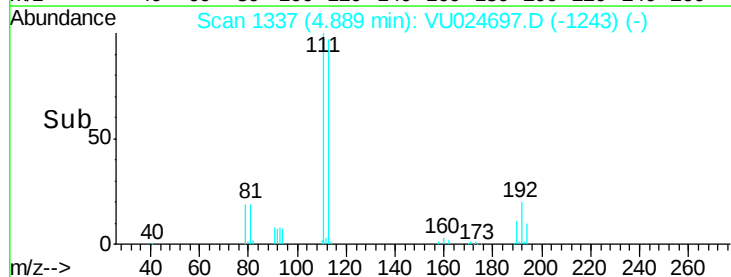
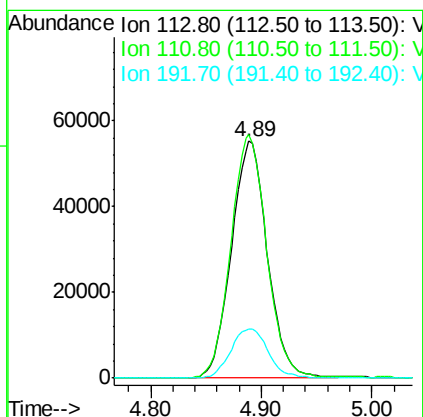
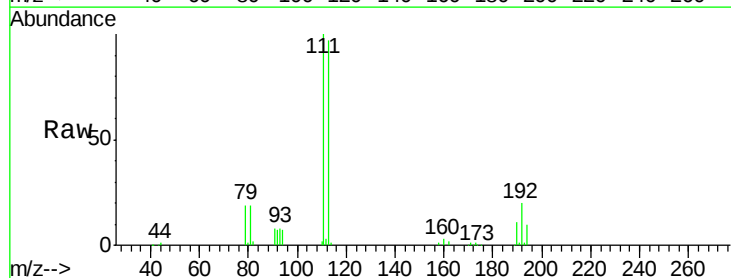
Instrument :
MSVOA_U
ClientSampleId :
T11-MW-14-8.0-061218

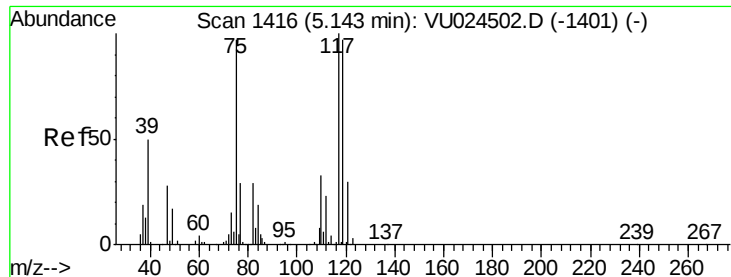
Tgt Ion	Ratio	Lower	Upper
114	100		
63	19.7	0.0	45.4
88	15.4	0.0	31.0



#35
Dibromofluoromethane
Concen: 47.307 ug/l
RT: 4.89 min Scan# 1337
Delta R.T. 0.00 min
Lab File: VU024697.D
Acq: 18 Jun 2018 17:25

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.9	82.2	123.4
192	21.6	16.2	24.4





#36

1,1-Dichloropropene

Concen: 3.743 ug/l

RT: 4.99 min Scan# 1368

Delta R.T. -0.15 min

Lab File: VU024697.D

Acq: 18 Jun 2018 17:25

Instrument :

MSVOA_U

ClientSampleId :

T11-MW-14-8.0-061218

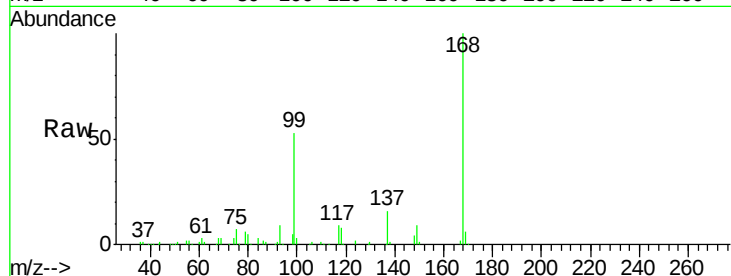
Tgt Ion: 75 Resp: 13978

Ion Ratio Lower Upper

75 100

110 8.9 17.0 50.9#

77 0.1 24.2 36.4#

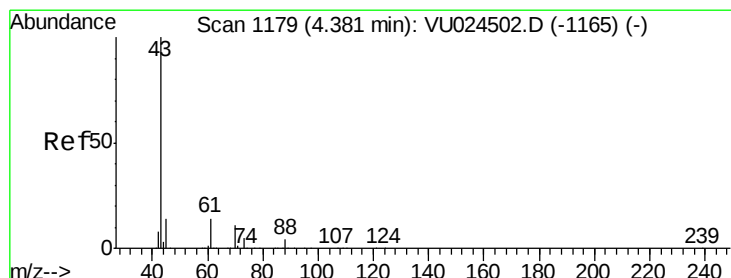
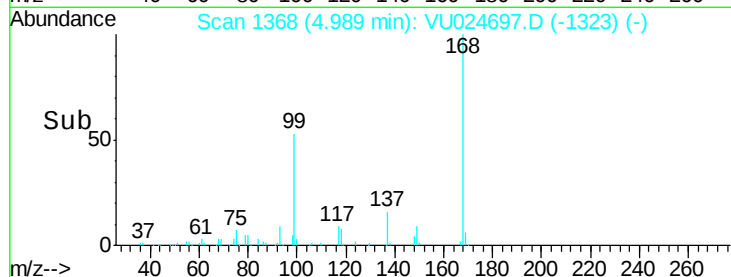


Abundance Ion 74.90 (74.60 to 75.60): VU024697.D (-1323) (-)

Ion 109.90 (109.60 to 110.60): VU024697.D (-1323) (-)

Ion 76.90 (76.60 to 77.60): VU024697.D (-1323) (-)

Time-->



#37

Ethyl Acetate

Concen: 10.847 ug/l

RT: 4.27 min Scan# 1145

Delta R.T. -0.11 min

Lab File: VU024697.D

Acq: 18 Jun 2018 17:25

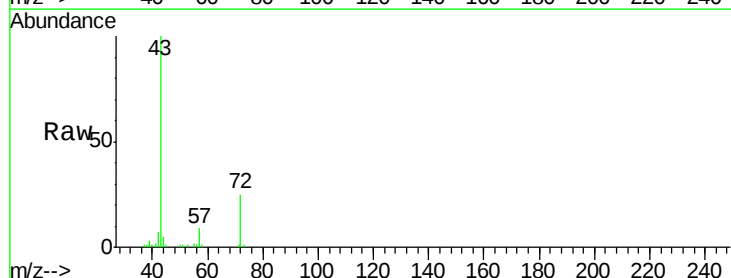
Tgt Ion: 43 Resp: 44150

Ion Ratio Lower Upper

43 100

61 0.0 10.5 15.7#

70 0.0 7.4 11.2#

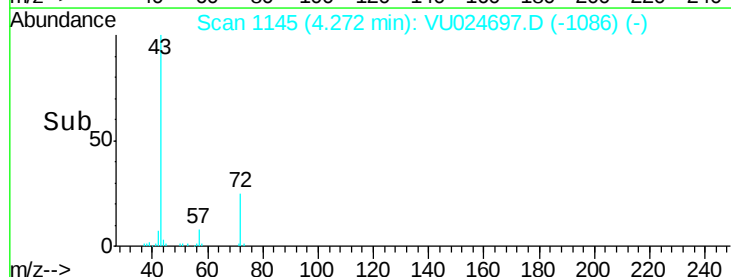


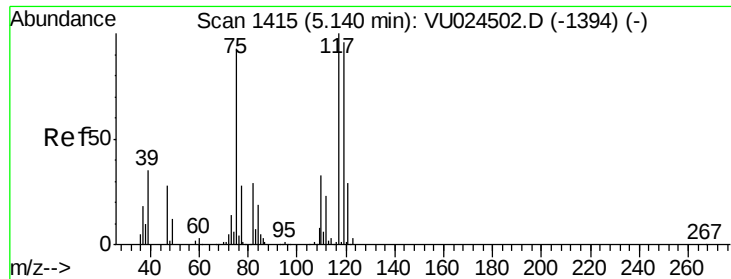
Abundance Ion 43.00 (42.70 to 43.70): VU024697.D (-1086) (-)

Ion 60.90 (60.60 to 61.60): VU024697.D (-1086) (-)

Ion 70.00 (69.70 to 70.70): VU024697.D (-1086) (-)

Time-->





#38

Carbon Tetrachloride

Concen: 4.367 ug/l

RT: 4.99 min Scan# 1368

Delta R.T. -0.15 min

Lab File: VU024697.D

Acq: 18 Jun 2018 17:25

Instrument :

MSVOA_U

ClientSampleId :

T11-MW-14-8.0-061218

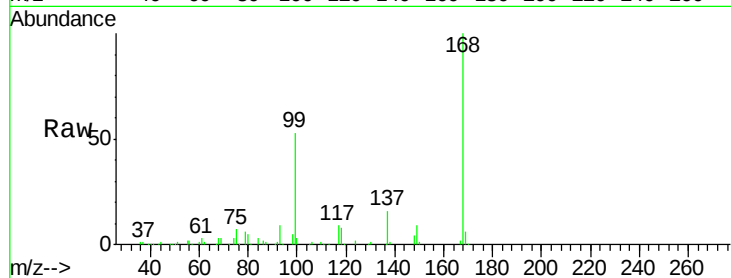
Tgt Ion:117 Resp: 17933

Ion Ratio Lower Upper

117 100

119 4.3 76.1 114.1#

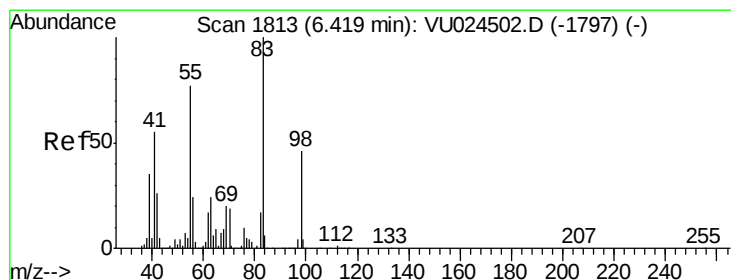
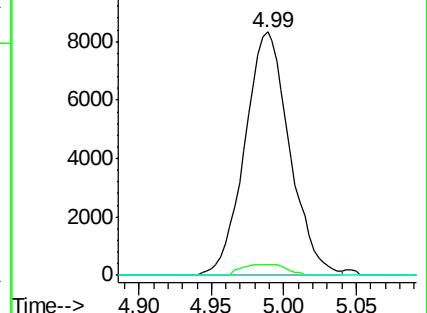
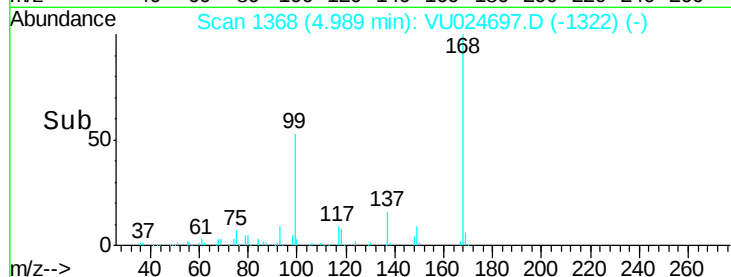
121 0.0 23.7 35.5#



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: 0.298 ug/l

RT: 6.41 min Scan# 1811

Delta R.T. -0.01 min

Lab File: VU024697.D

Acq: 18 Jun 2018 17:25

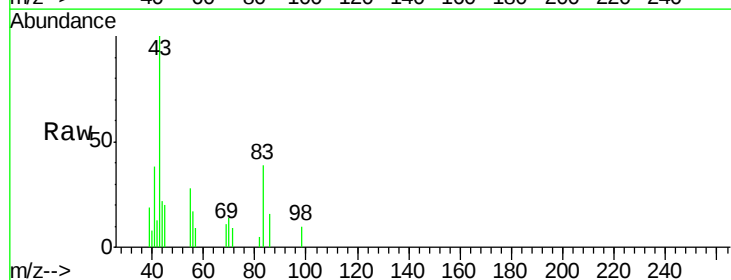
Tgt Ion: 83 Resp: 1391

Ion Ratio Lower Upper

83 100

55 52.8 65.8 98.6#

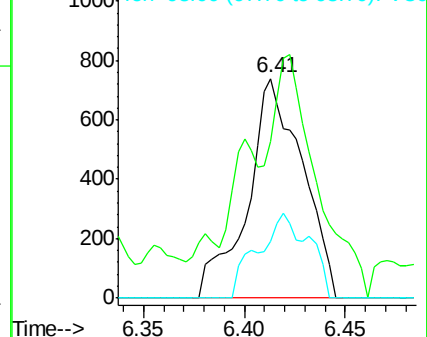
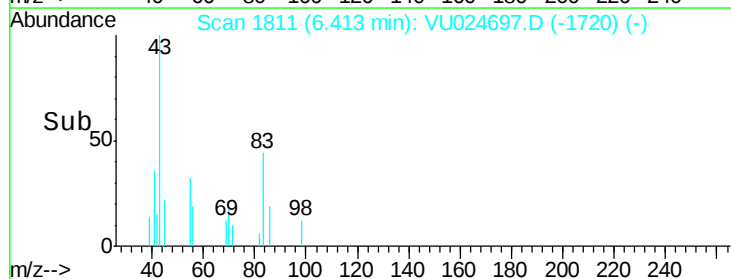
98 26.0 36.7 55.1#

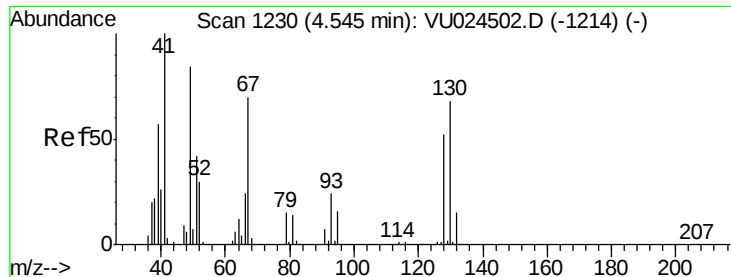


Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 55.00 (54.70 to 55.70): VU0

Ion 98.00 (97.70 to 98.70): VU0





#41

Methacrylonitrile

Concen: 0.663 ug/l

RT: 4.57 min Scan# 1238

Delta R.T. 0.03 min

Lab File: VU024697.D

Acq: 18 Jun 2018 17:25

Instrument :

MSVOA_U

ClientSampleId :

T11-MW-14-8.0-061218

Tgt Ion: 41 Resp: 1454

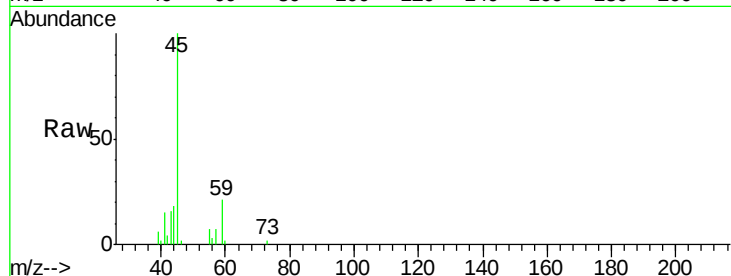
Ion Ratio Lower Upper

41 100

39 48.0 43.8 65.6

67 0.0 56.3 84.5#

52 0.0 23.2 34.8#

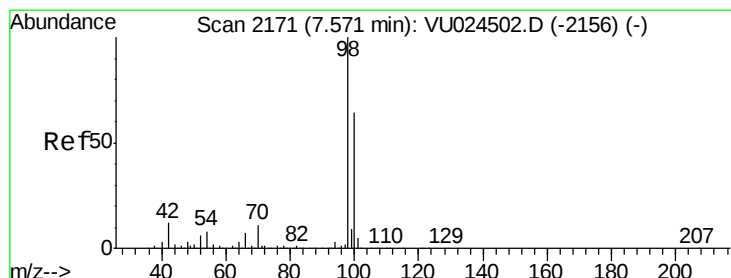
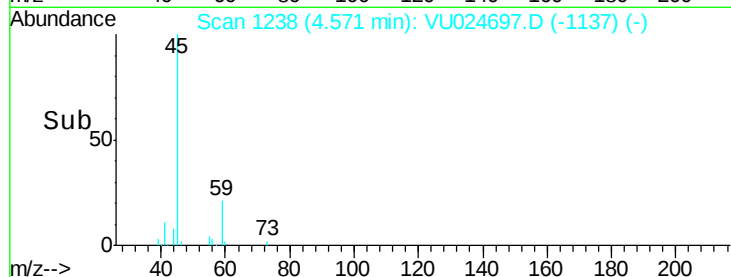
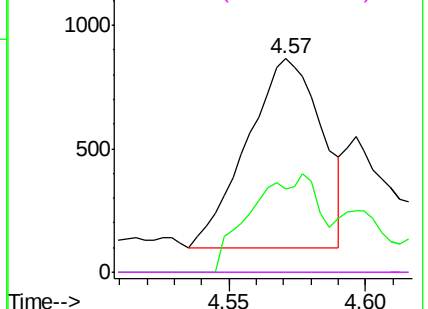


Abundance Ion 41.00 (40.70 to 41.70): VU0

Ion 39.00 (38.70 to 39.70): VU0

Ion 67.00 (66.70 to 67.70): VU0

Ion 52.00 (51.70 to 52.70): VU0



#50

Toluene-d8

Concen: 47.592 ug/l

RT: 7.57 min Scan# 2171

Delta R.T. -0.00 min

Lab File: VU024697.D

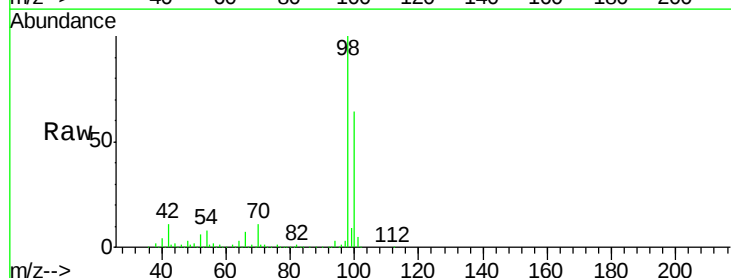
Acq: 18 Jun 2018 17:25

Tgt Ion: 98 Resp: 457877

Ion Ratio Lower Upper

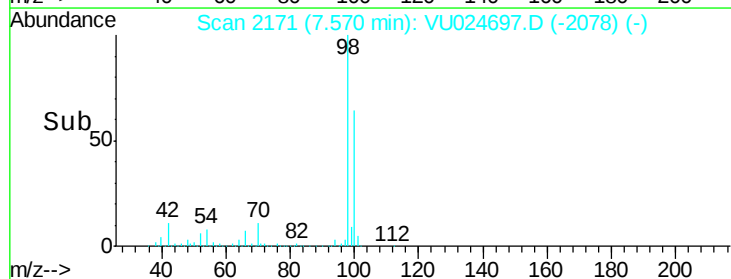
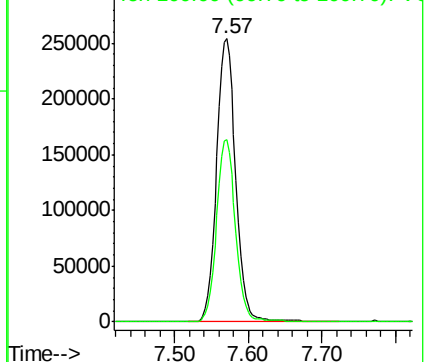
98 100

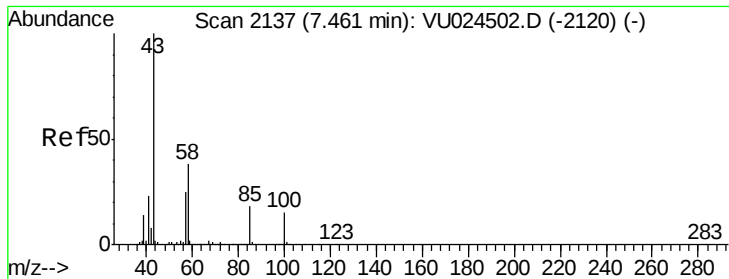
100 63.8 51.1 76.7



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: 2.836 ug/l

RT: 7.47 min Scan# 2139

Delta R.T. 0.01 min

Lab File: VU024697.D

Acq: 18 Jun 2018 17:25

Instrument :

MSVOA_U

ClientSampleId :

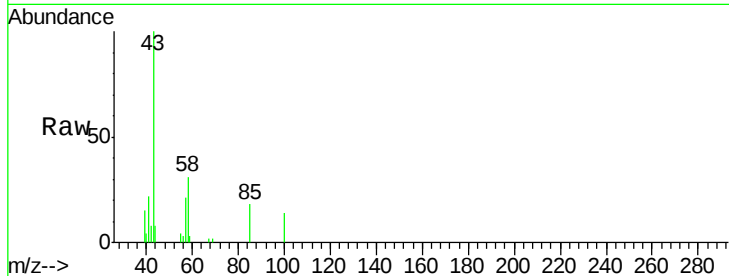
T11-MW-14-8.0-061218

Tgt Ion: 43 Resp: 12536

Ion Ratio Lower Upper

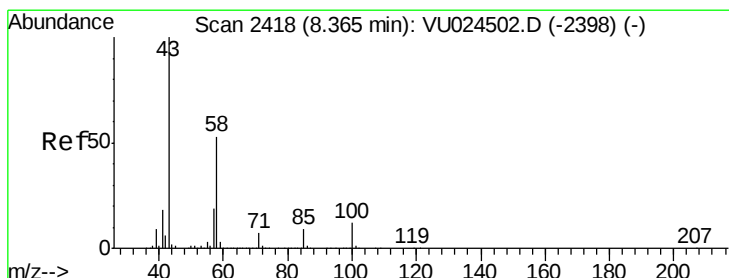
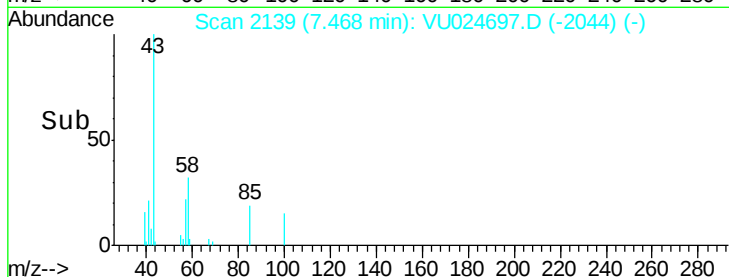
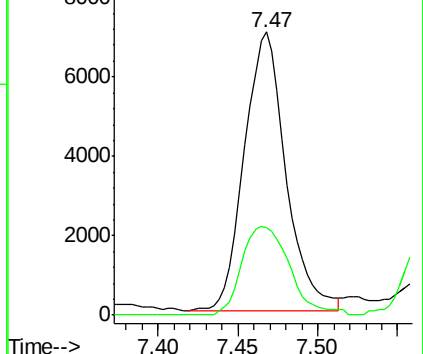
43 100

58 36.4 30.0 45.0



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0



#59

2-Hexanone

Concen: 0.515 ug/l

RT: 8.38 min Scan# 2422

Delta R.T. 0.01 min

Lab File: VU024697.D

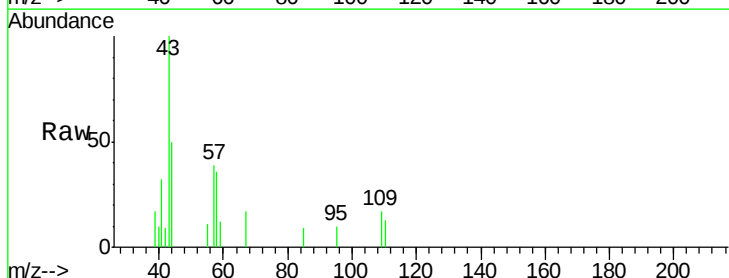
Acq: 18 Jun 2018 17:25

Tgt Ion: 43 Resp: 1858

Ion Ratio Lower Upper

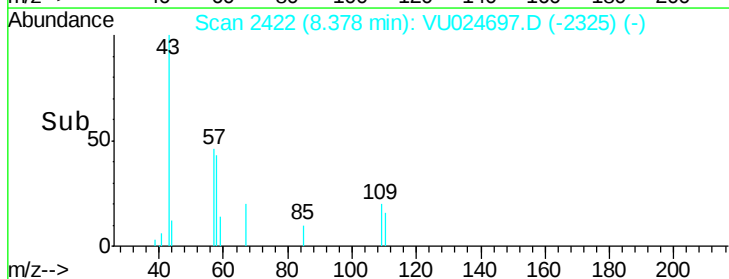
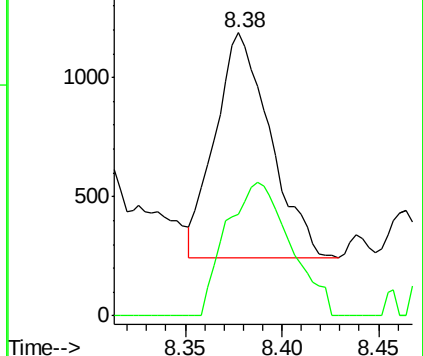
43 100

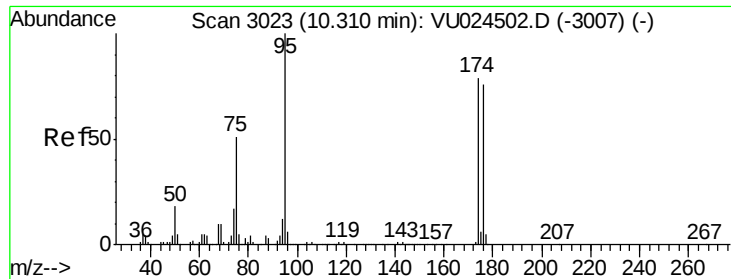
58 69.7 26.4 79.0



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0





#62

4-Bromofluorobenzene

Concen: 41.572 ug/l

RT: 10.31 min Scan# 3023

Delta R.T. 0.00 min

Lab File: VU024697.D

Acq: 18 Jun 2018 17:25

Instrument :

MSVOA_U

ClientSampleId :

T11-MW-14-8.0-061218

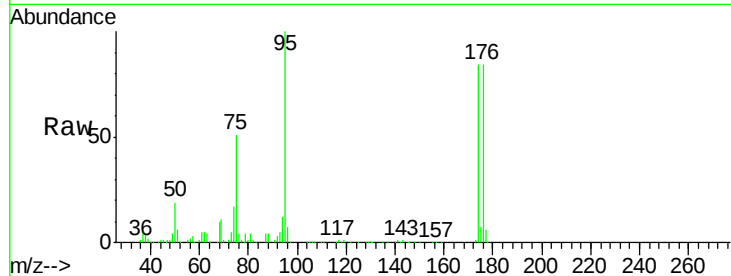
Tgt Ion: 95 Resp: 158800

Ion Ratio Lower Upper

95 100

174 85.6 0.0 165.8

176 84.9 0.0 159.4

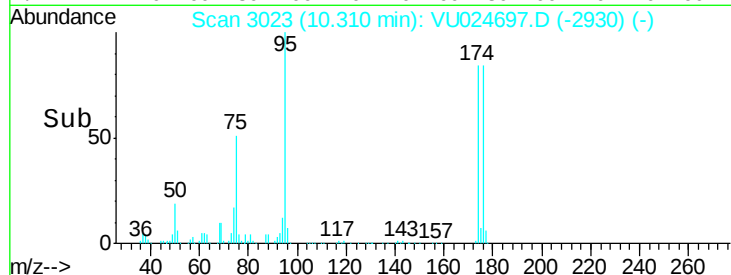


Abundance Ion 94.90 (94.60 to 95.60): VU024502.D (-3007) (-)

Ion 173.80 (173.50 to 174.50): VU024502.D (-3007) (-)

Ion 175.80 (175.50 to 176.50): VU024502.D (-3007) (-)

Time-->

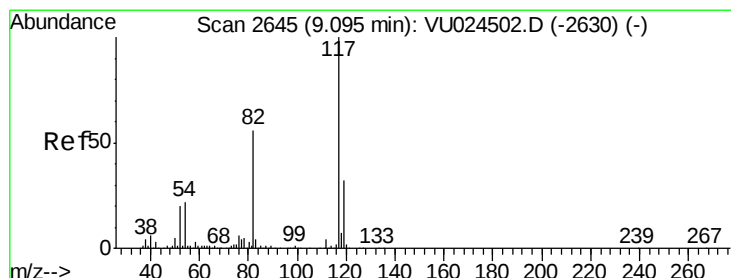


Abundance Ion 94.90 (94.60 to 95.60): VU024697.D (-2930) (-)

Ion 173.80 (173.50 to 174.50): VU024697.D (-2930) (-)

Ion 175.80 (175.50 to 176.50): VU024697.D (-2930) (-)

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.09 min Scan# 2645

Delta R.T. 0.00 min

Lab File: VU024697.D

Acq: 18 Jun 2018 17:25

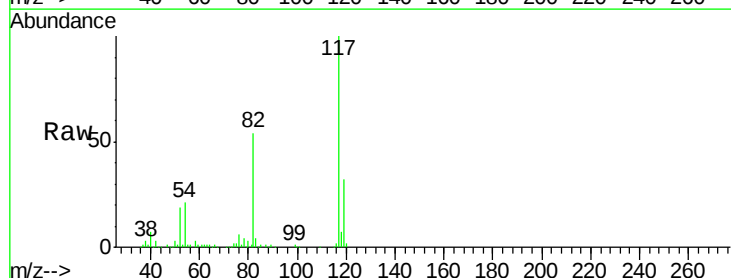
Tgt Ion: 117 Resp: 285255

Ion Ratio Lower Upper

117 100

82 54.1 44.3 66.5

119 31.8 25.4 38.2

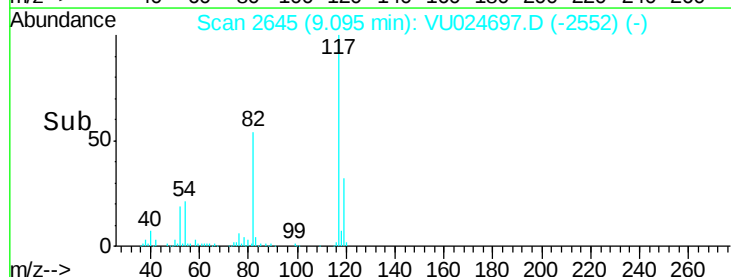


Abundance Ion 116.90 (116.60 to 117.60): VU024502.D (-2630) (-)

Ion 82.00 (81.70 to 82.70): VU024502.D (-2630) (-)

Ion 118.90 (118.60 to 119.60): VU024502.D (-2630) (-)

Time-->

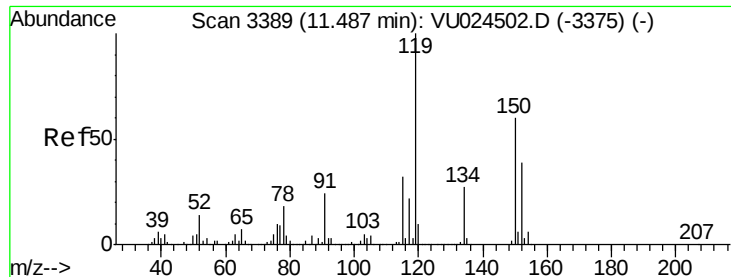


Abundance Ion 116.90 (116.60 to 117.60): VU024697.D (-2552) (-)

Ion 82.00 (81.70 to 82.70): VU024697.D (-2552) (-)

Ion 118.90 (118.60 to 119.60): VU024697.D (-2552) (-)

Time-->



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.49 min Scan# 3389

Delta R.T. 0.00 min

Lab File: VU024697.D

Acq: 18 Jun 2018 17:25

Instrument :

MSVOA_U

ClientSampleId :

T11-MW-14-8.0-061218

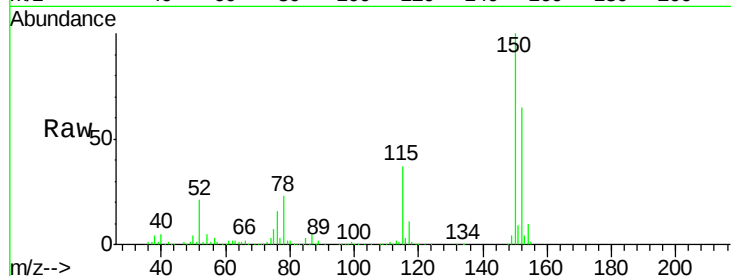
Tgt Ion:152 Resp: 150407

Ion Ratio Lower Upper

152 100

115 56.6 43.0 129.0

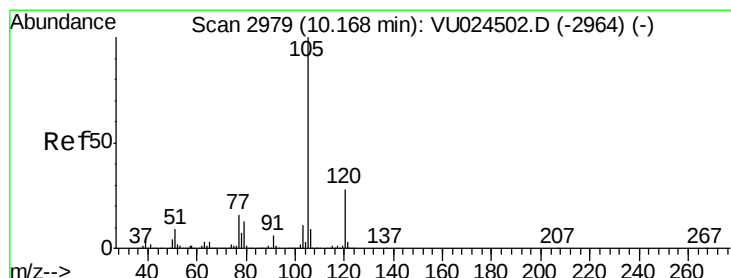
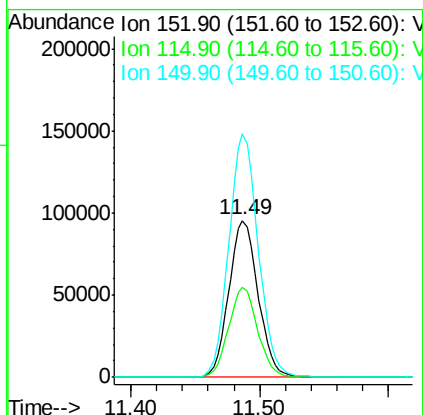
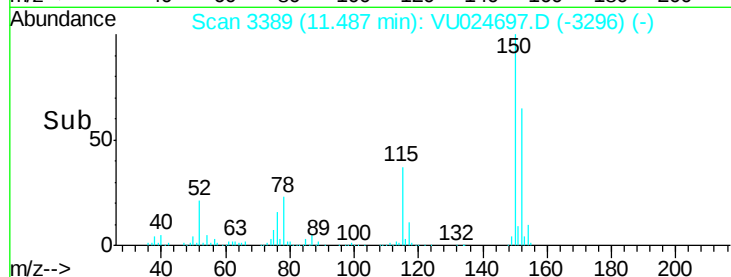
150 155.6 0.0 354.0



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: 1.477 ug/l

RT: 10.17 min Scan# 2979

Delta R.T. -0.00 min

Lab File: VU024697.D

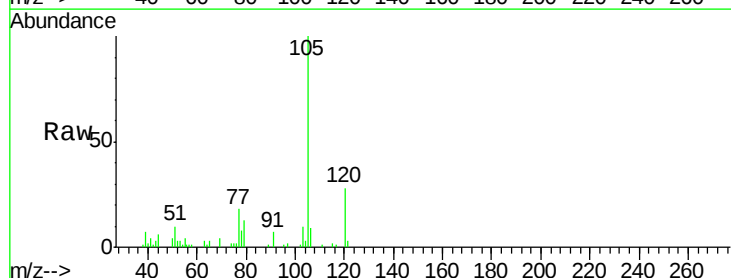
Acq: 18 Jun 2018 17:25

Tgt Ion:105 Resp: 17059

Ion Ratio Lower Upper

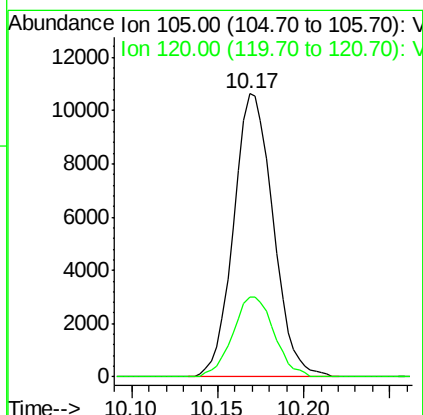
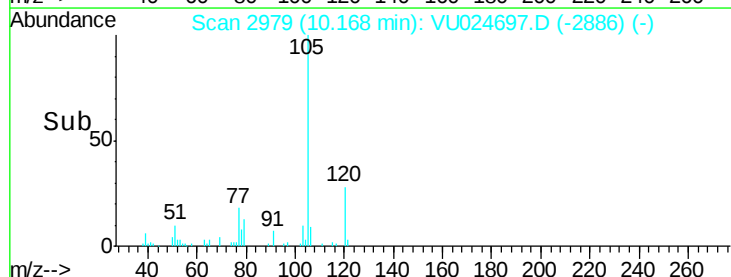
105 100

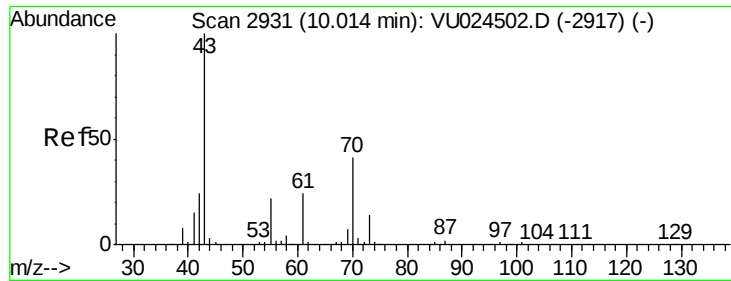
120 29.5 13.2 39.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-ethyl acetate

Concen: 0.256 ug/l

RT: 10.06 min Scan# 2946

Delta R.T. 0.05 min

Lab File: VU024697.D

Acq: 18 Jun 2018 17:25

Instrument :

MSVOA_U

ClientSampleId :

T11-MW-14-8.0-061218

Tgt Ion: 43 Resp: 1407

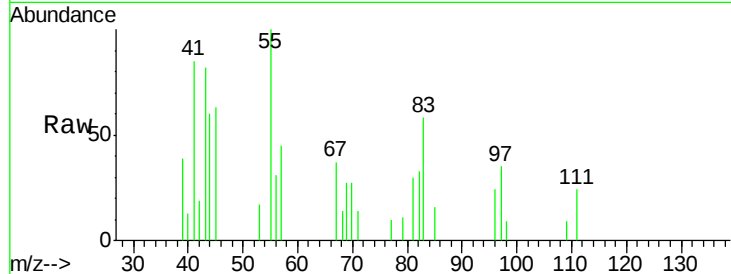
Ion Ratio Lower Upper

43 100

70 26.2 32.2 48.4#

55 0.0 20.5 30.7#

61 0.0 18.7 28.1#

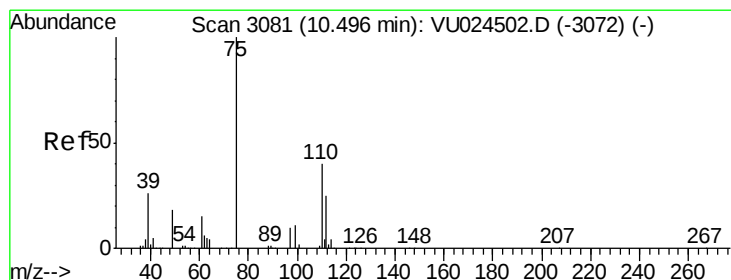
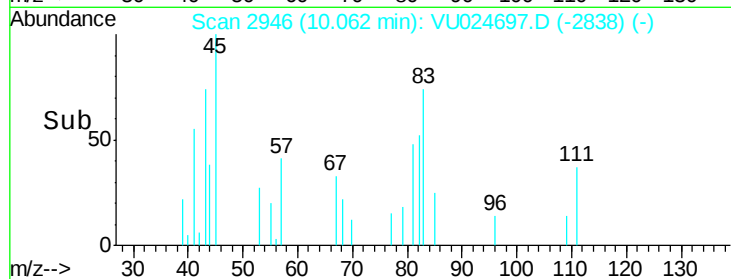
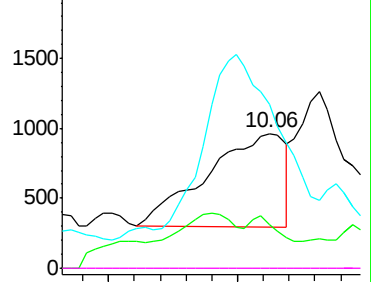


Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 70.00 (69.70 to 70.70): VU0

Ion 55.00 (54.70 to 55.70): VU0

Ion 61.00 (60.70 to 61.70): VU0



#76

1,2,3-Trichloropropane

Concen: 24.175 ug/l

RT: 10.31 min Scan# 3023

Delta R.T. -0.19 min

Lab File: VU024697.D

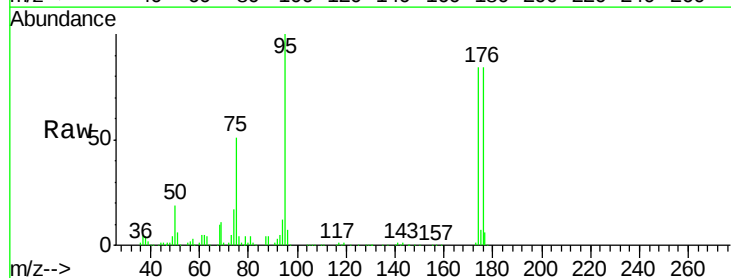
Acq: 18 Jun 2018 17:25

Tgt Ion: 75 Resp: 80052

Ion Ratio Lower Upper

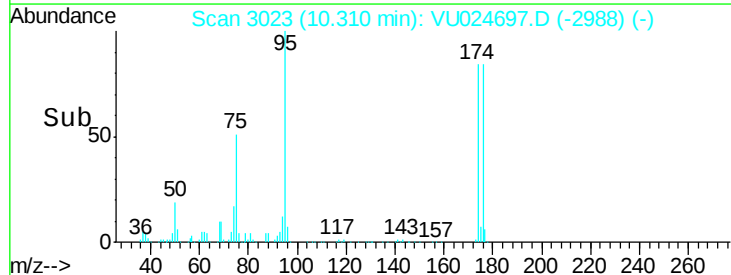
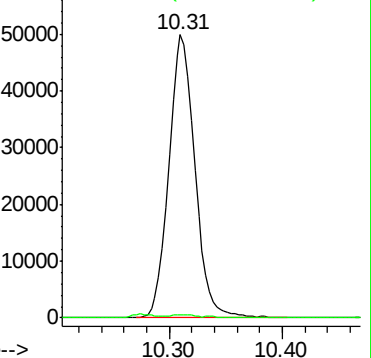
75 100

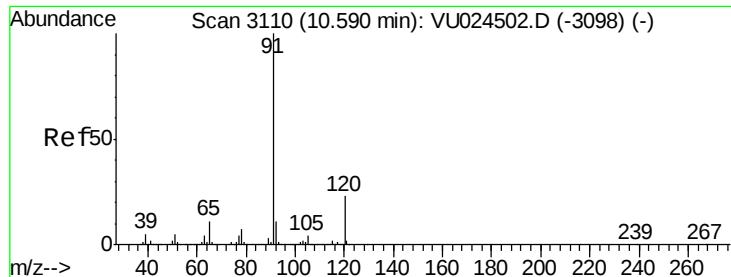
77 0.7 20.9 62.7#



Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 77.00 (76.70 to 77.70): VU0

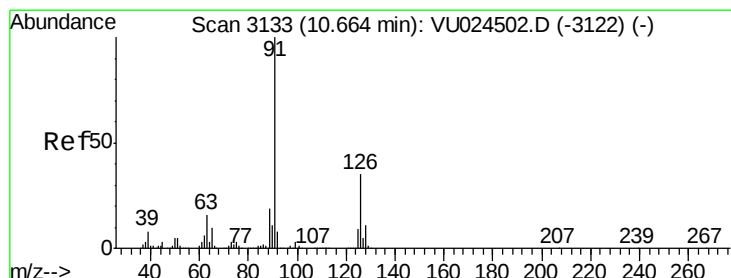
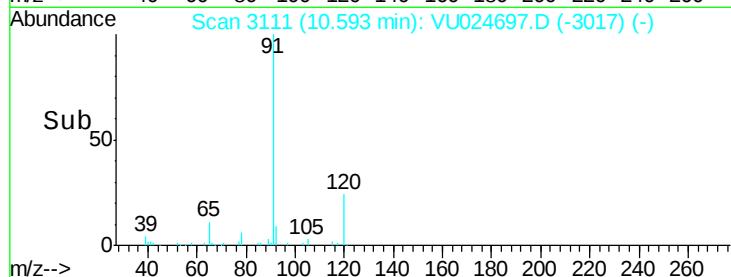
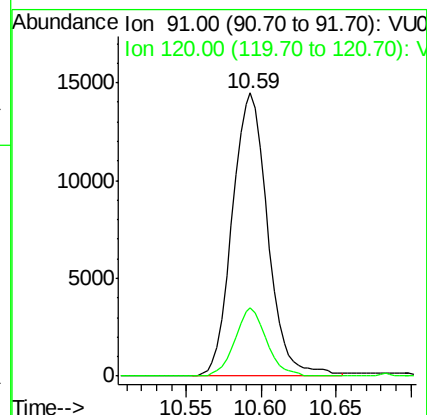
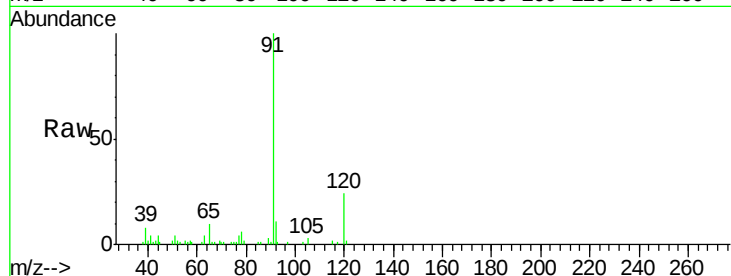




#78
n-propylbenzene
Concen: 1.758 ug/l
RT: 10.59 min Scan# 3111
Delta R.T. 0.00 min
Lab File: VU024697.D
Acq: 18 Jun 2018 17:25

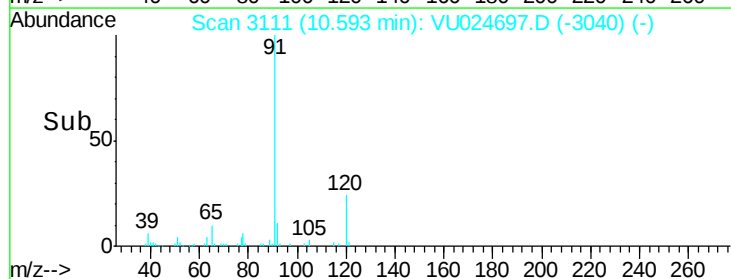
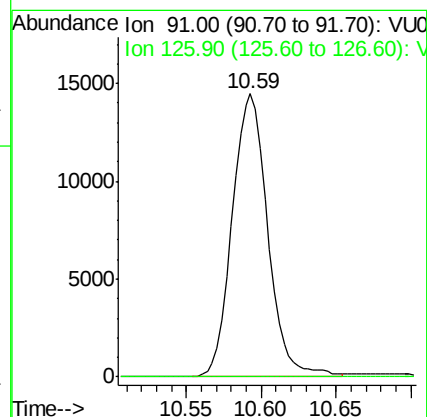
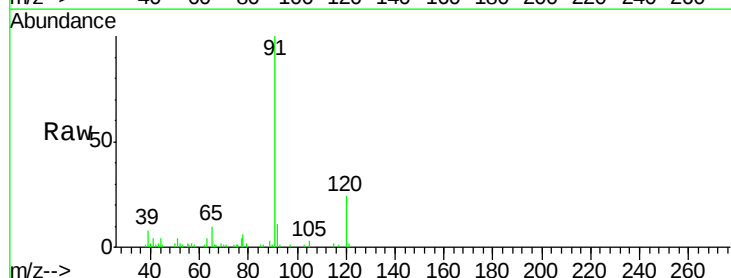
Instrument :
MSVOA_U
ClientSampleId :
T11-MW-14-8.0-061218

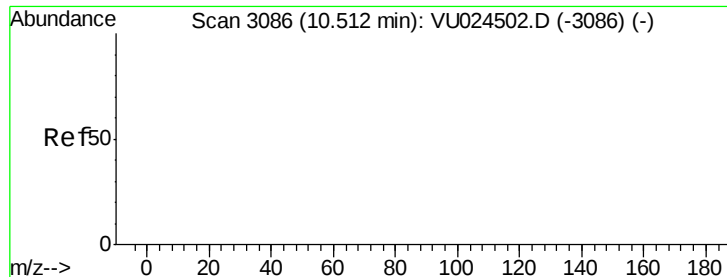
Tgt Ion: 91 Resp: 23917
Ion Ratio Lower Upper
91 100
120 21.3 11.2 33.5



#79
2-Chlorotoluene
Concen: 2.981 ug/l
RT: 10.59 min Scan# 3111
Delta R.T. -0.07 min
Lab File: VU024697.D
Acq: 18 Jun 2018 17:25

Tgt Ion: 91 Resp: 23917
Ion Ratio Lower Upper
91 100
126 0.0 16.9 50.7#





#81

trans-1,4-Dichloro-2-butene

Concen: 55.950 ug/l

RT: 10.31 min Scan# 3023

Delta R.T. -0.20 min

Lab File: VU024697.D

Acq: 18 Jun 2018 17:25

Instrument :

MSVOA_U

ClientSampleId :

T11-MW-14-8.0-061218

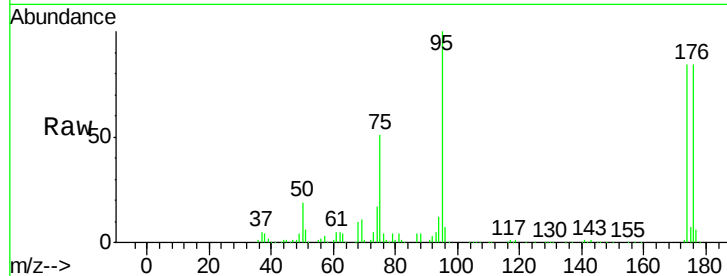
Tgt Ion: 75 Resp: 80052

Ion Ratio Lower Upper

75 100

53 0.0 0.0 0.0

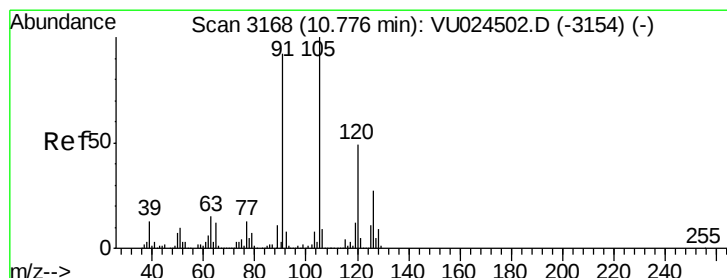
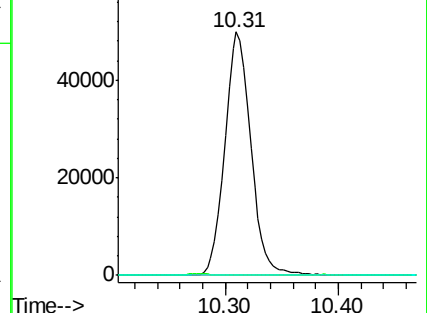
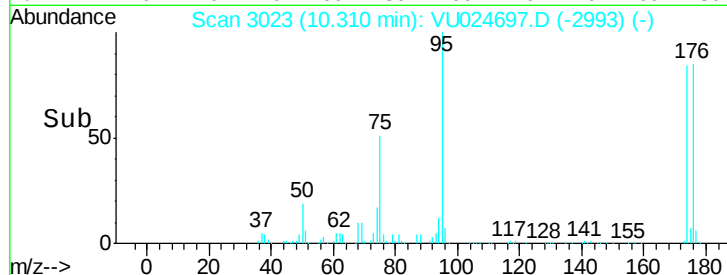
89 0.0 0.0 0.0



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: 2.562 ug/l

RT: 10.59 min Scan# 3111

Delta R.T. -0.18 min

Lab File: VU024697.D

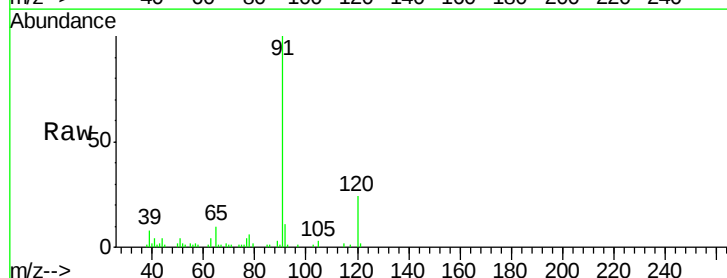
Acq: 18 Jun 2018 17:25

Tgt Ion: 91 Resp: 23917

Ion Ratio Lower Upper

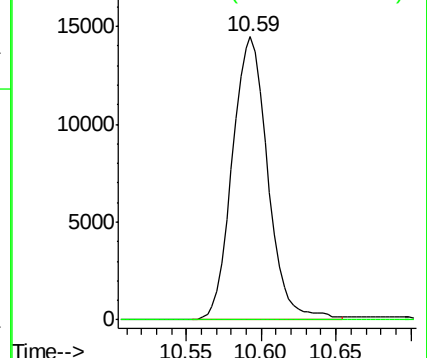
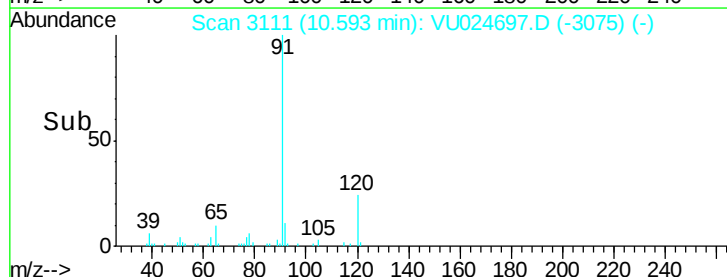
91 100

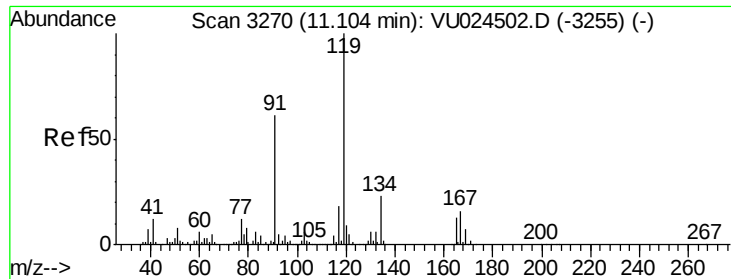
126 0.0 14.9 44.9#



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 125.90 (125.60 to 126.60): V

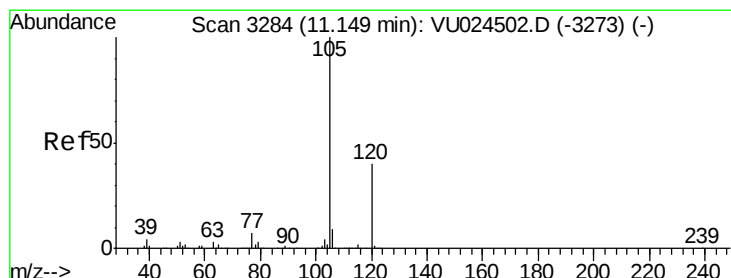
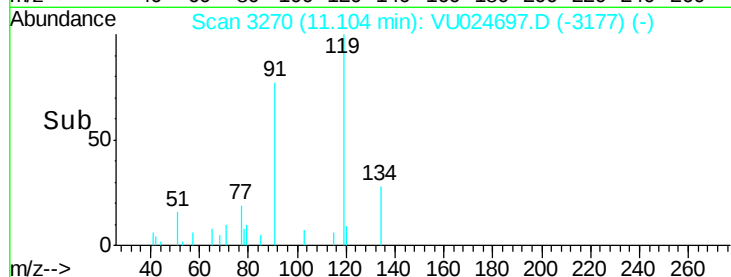
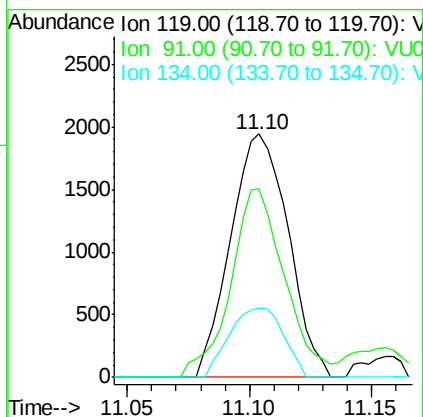
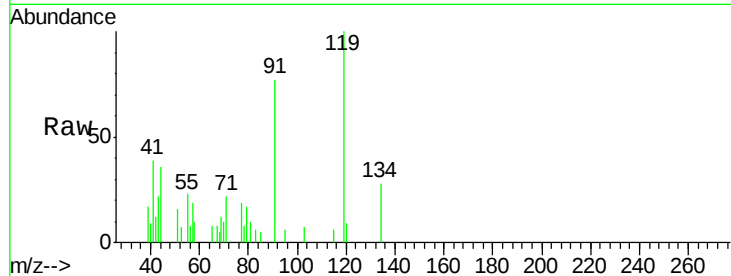




#83
 tert-Butylbenzene
 Concen: 0.331 ug/l
 RT: 11.10 min Scan# 3270
 Delta R.T. 0.00 min
 Lab File: VU024697.D
 Acq: 18 Jun 2018 17:25

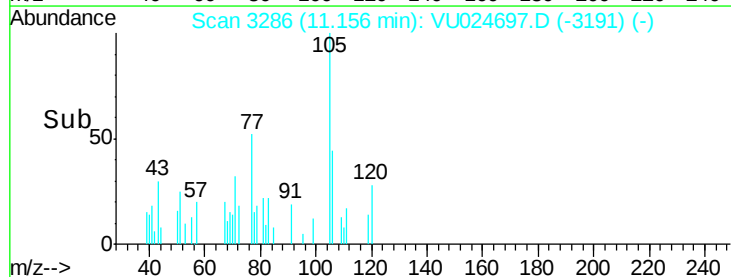
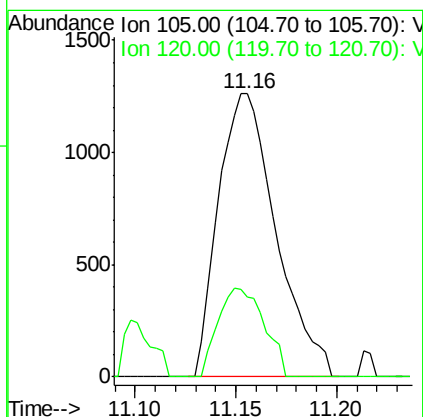
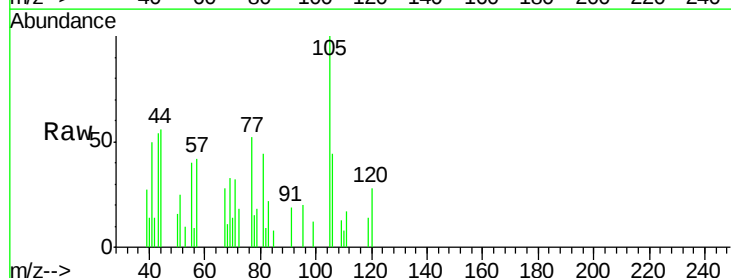
Instrument :
 MSVOA_U
 ClientSampleId :
 T11-MW-14-8.0-061218

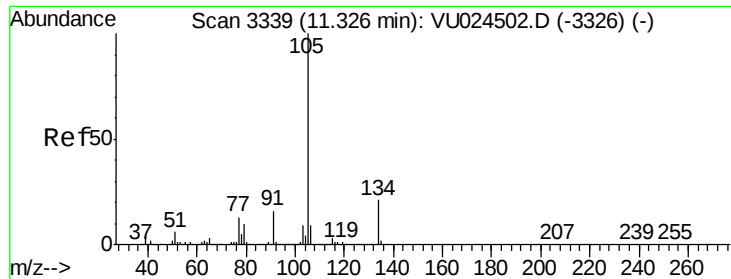
Tgt Ion:119 Resp: 3185
 Ion Ratio Lower Upper
 119 100
 91 72.3 29.7 89.1
 134 26.7 11.6 34.7



#84
 1,2,4-Trimethylbenzene
 Concen: 0.246 ug/l
 RT: 11.16 min Scan# 3286
 Delta R.T. 0.01 min
 Lab File: VU024697.D
 Acq: 18 Jun 2018 17:25

Tgt Ion:105 Resp: 2512
 Ion Ratio Lower Upper
 105 100
 120 25.0 22.6 67.8

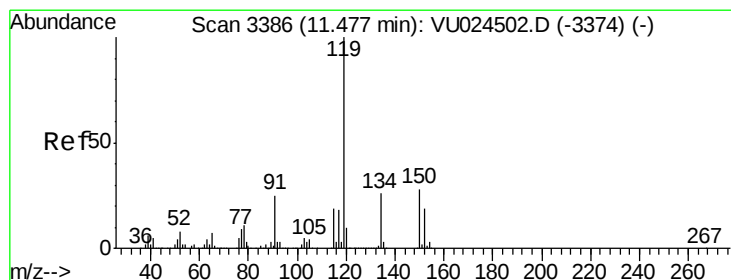
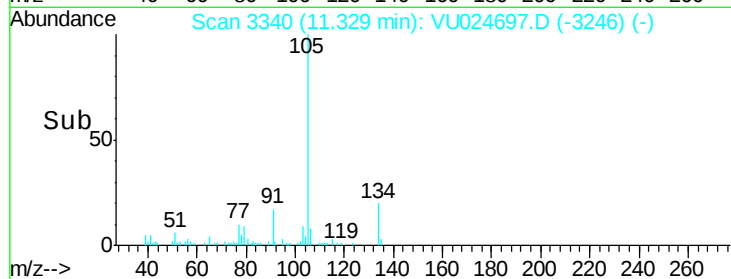
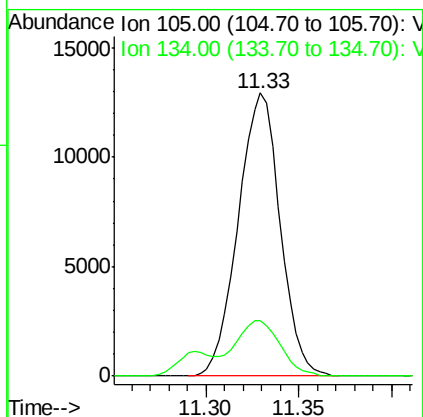
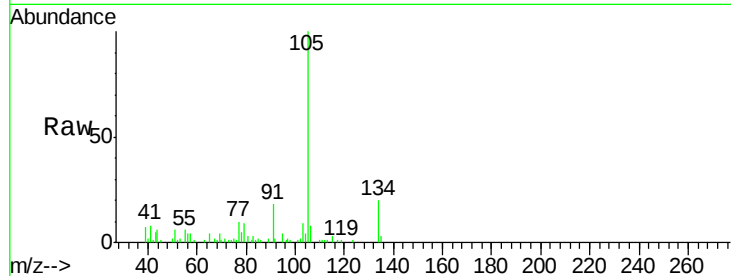




#85
 sec-Butylbenzene
 Concen: 1.686 ug/l
 RT: 11.33 min Scan# 3340
 Delta R.T. 0.00 min
 Lab File: VU024697.D
 Acq: 18 Jun 2018 17:25

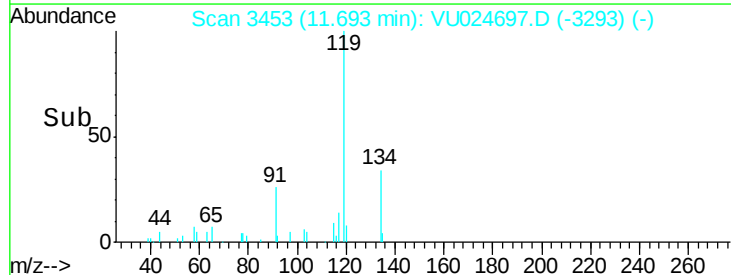
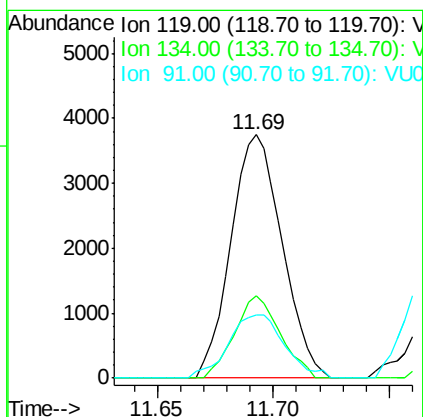
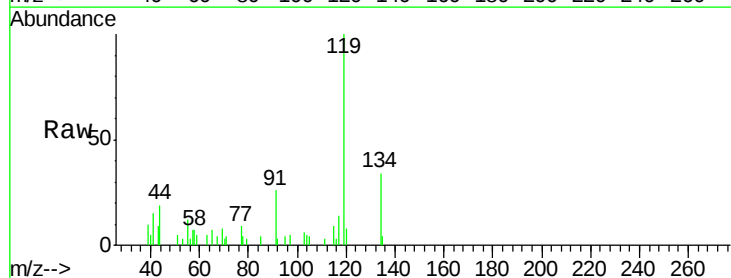
Instrument :
 MSVOA_U
 ClientSampleId :
 T11-MW-14-8.0-061218

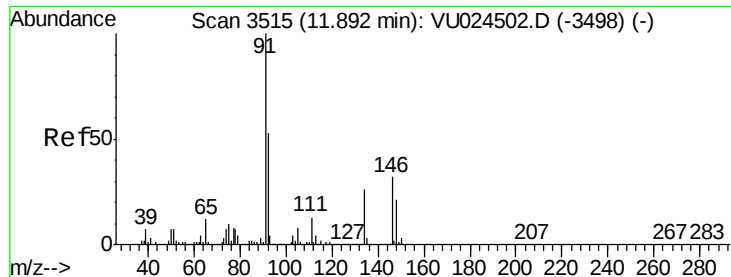
Tgt Ion:105 Resp: 20316
 Ion Ratio Lower Upper
 105 100
 134 20.6 9.7 29.1



#86
 p-Isopropyltoluene
 Concen: 0.533 ug/l
 RT: 11.69 min Scan# 3453
 Delta R.T. 0.22 min
 Lab File: VU024697.D
 Acq: 18 Jun 2018 17:25

Tgt Ion:119 Resp: 5751
 Ion Ratio Lower Upper
 119 100
 134 30.1 12.9 38.6
 91 28.5 12.0 36.1





#89

n-Butylbenzene

Concen: 0.689 ug/l

RT: 11.89 min Scan# 3515

Delta R.T. 0.00 min

Lab File: VU024697.D

Acq: 18 Jun 2018 17:25

Instrument :

MSVOA_U

ClientSampleId :

T11-MW-14-8.0-061218

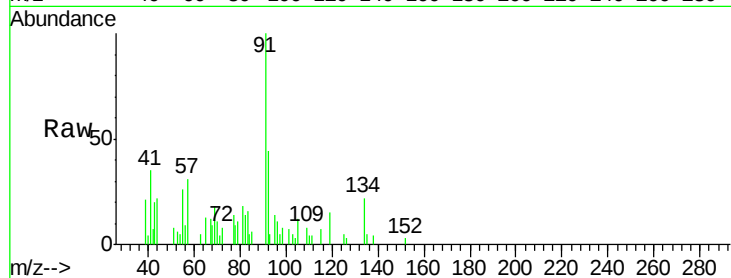
Tgt Ion: 91 Resp: 6601

Ion Ratio Lower Upper

91 100

92 36.9 25.6 76.8

134 0.0 12.3 36.8#

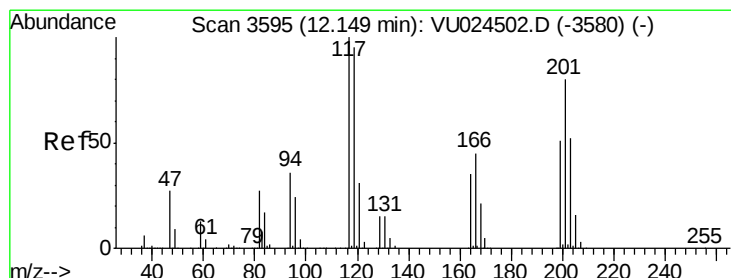
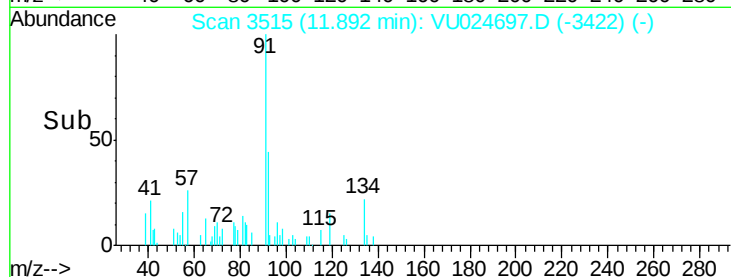
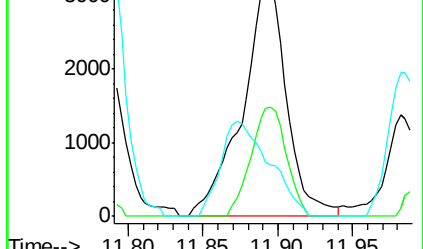


Abundance Ion 91.00 (90.70 to 91.70): VU024502.D (-3498) (-)

Ion 92.00 (91.70 to 92.70): VU024502.D (-3498) (-)

Ion 134.00 (133.70 to 134.70): VU024502.D (-3498) (-)

Time-->



#90

Hexachloroethane

Concen: 1.611 ug/l

RT: 12.26 min Scan# 3628

Delta R.T. 0.11 min

Lab File: VU024697.D

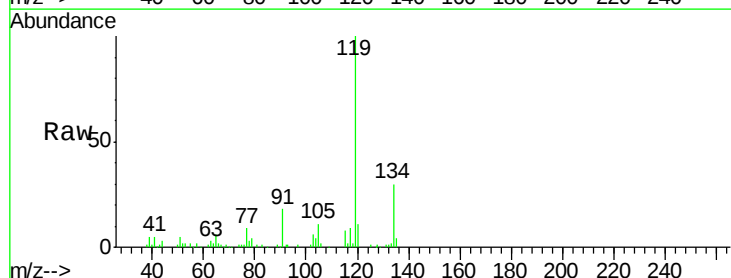
Acq: 18 Jun 2018 17:25

Tgt Ion: 117 Resp: 3393

Ion Ratio Lower Upper

117 100

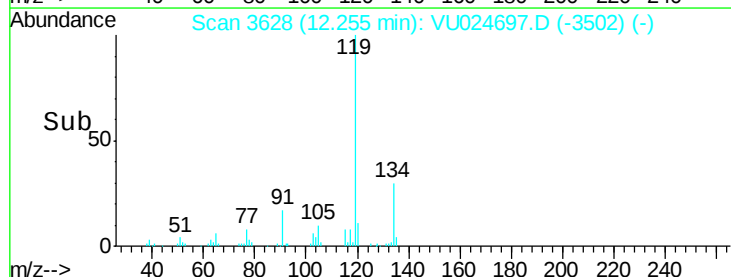
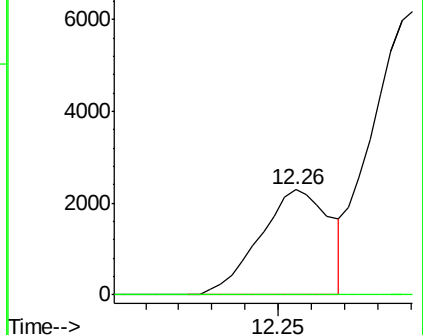
201 0.0 41.1 123.3#

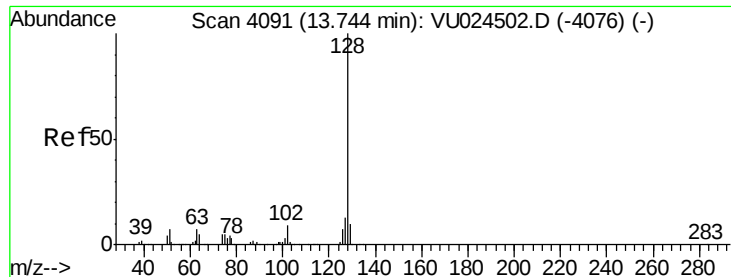


Abundance Ion 116.80 (116.50 to 117.50): VU024502.D (-3580) (-)

Ion 200.70 (200.40 to 201.40): VU024502.D (-3580) (-)

Time-->





#95
Naphthalene
Concen: 3.099 ug/l
RT: 13.75 min Scan# 4092
Delta R.T. 0.00 min
Lab File: VU024697.D
Acq: 18 Jun 2018 17:25

Instrument :
MSVOA_U
ClientSampleId :
T11-MW-14-8.0-061218

Tgt Ion	Ratio	Lower	Upper
128	100		
127	16.1	10.6	16.0#
129	14.8	8.6	12.8#

