

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062518\
 Data File : VU024899.D
 Acq On : 26 Jun 2018 01:25
 Operator : MD/SY
 Sample : J3669-22ME
 Misc : 6.75µ/5.0mL/100µL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jun 26 05:40:30 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	4.98	168	230952	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	355100	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.10	117	342192	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	224063	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.31	65	175381	46.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.04%	
35) Dibromofluoromethane	4.89	113	138572	47.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.04%	
50) Toluene-d8	7.57	98	526377	48.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.94%	
62) 4-Bromofluorobenzene	10.32	95	248161	58.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	116.28%	

Target Compounds

						Qvalue
3) Chloromethane	1.32	50	1350	0.46	ug/l	94
5) Bromomethane	1.61	94	1175	0.80	ug/l #	65
6) Chloroethane	1.71	64	121	Below	Cal #	77
8) Diethyl Ether	1.99	74	72	Below	Cal	74
10) Methyl Iodide	2.40	142	505	5.47	ug/l #	91
11) Tert butyl alcohol	2.83	59	6161	6.72	ug/l #	72
13) Acrolein	2.18	56	130	0.27	ug/l #	4
16) Acetone	2.34	43	682	0.34	ug/l #	75
17) Carbon Disulfide	2.45	76	2064	0.25	ug/l #	80
18) Methyl Acetate	2.63	43	1187	0.27	ug/l #	66
20) Methylene Chloride	2.69	84	995	0.31	ug/l #	83
31) Cyclohexane	4.98	56	6426	Below	Cal #	15
36) 1,1-Dichloropropene	4.98	75	17178	4.12	ug/l #	51
38) Carbon Tetrachloride	4.98	117	22579	4.92	ug/l #	16
39) Methylcyclohexane	6.41	83	46891	9.01	ug/l	96
43) Isopropyl Acetate	5.53	43	57511	7.32	ug/l #	62
48) Methyl methacrylate	6.63	41	1553	0.41	ug/l #	39
51) 4-Methyl-2-Pentanone	7.52	43	30293	6.13	ug/l #	75
55) 1,1,2-Trichloroethane	8.05	97	21154	6.80	ug/l #	19
56) Ethyl methacrylate	8.05	69	4659	0.90	ug/l #	1
58) 2-Chloroethyl Vinyl ether	7.04	63	506	0.25	ug/l #	50
59) 2-Hexanone	8.33	43	60760	15.07	ug/l #	30
65) Chlorobenzene	9.13	112	78728	9.01	ug/l	98
73) Isopropylbenzene	10.17	105	7739	0.45	ug/l	97
74) N-amyl acetate	10.01	43	104086	12.72	ug/l #	55
75) 1,1,2,2-Tetrachloroethane	10.49	83	116111	20.14	ug/l #	25
76) 1,2,3-Trichloropropane	10.32	75	106853	21.66	ug/l #	34
79) 2-Chlorotoluene	10.70	91	9623	0.81	ug/l	76
80) 1,3,5-Trimethylbenzene	10.98	105	11456	0.77	ug/l	72
81) trans-1,4-Dichloro-2-buten	10.32	75	106853	50.13	ug/l #	100
82) 4-Chlorotoluene	10.76	91	6062	0.44	ug/l	77
83) tert-Butylbenzene	11.11	119	141844	9.89	ug/l	93
84) 1,2,4-Trimethylbenzene	11.33	105	522095	34.36	ug/l #	31
85) sec-Butylbenzene	11.33	105	522095	29.08	ug/l	98

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Quant Title : SW846 8260
QLast Update : Wed Jun 13 13:55:26 2018
Response via : Initial Calibration

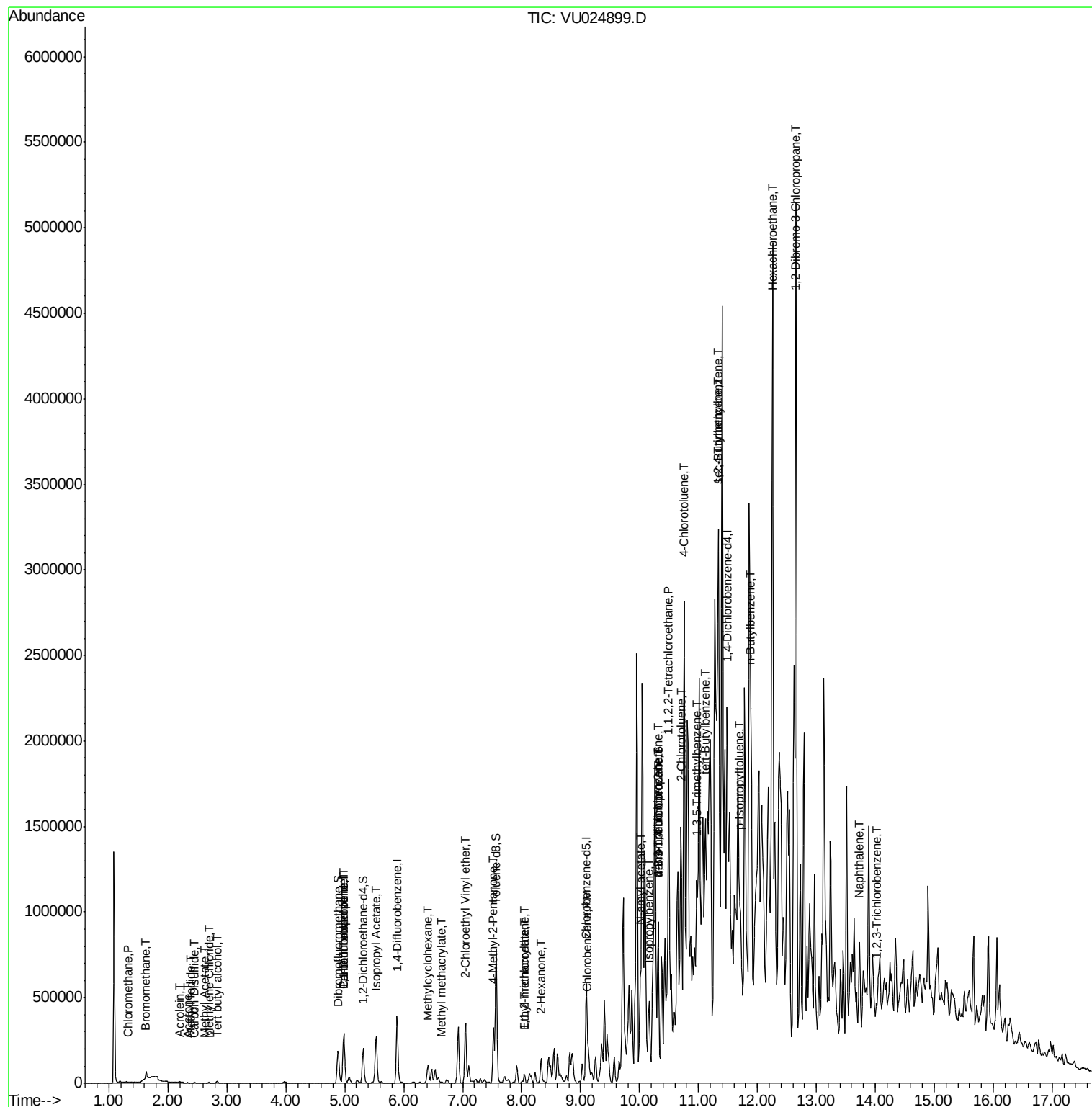
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
86) p-Isopropyltoluene	11.70	119	291102	18.10	ug/l	94
89) n-Butylbenzene	11.90	91	539460	37.79	ug/l #	78
90) Hexachloroethane	12.26	117	226555	72.23	ug/l #	8
92) 1,2-Dibromo-3-Chloropropan	12.65	75	20688	13.01	ug/l #	3
95) Naphthalene	13.73	128	24572	2.15	ug/l #	37
96) 1,2,3-Trichlorobenzene	14.02	180	3332	0.67	ug/l #	1

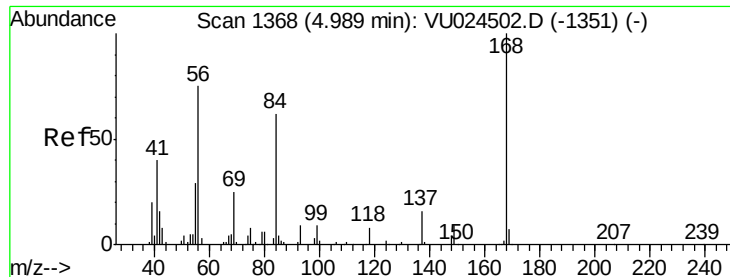
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 4.98 min Scan# 1366

Delta R.T. -0.01 min

Lab File: VU024899.D

Acq: 26 Jun 2018 01:25

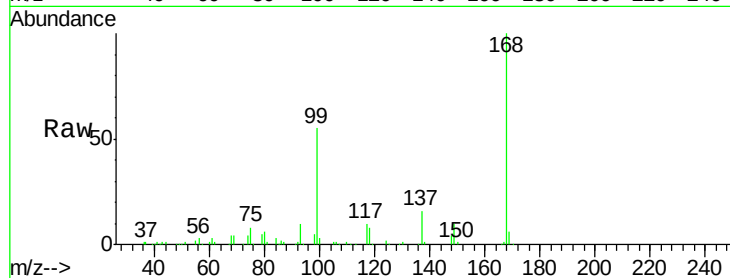
Instrument :
MSVOA_U
ClientSampleId :

Tot Ion:168 Resp: 230952

Ion Ratio Lower Upper

168 100

99 55.3 43.2 64.8



Abundance Ion 167.90 (167.60 to 168.60): VU024502.D (-1351) (-)

Ion 98.90 (98.60 to 99.60): VU024502.D (-1351) (-)

4.98

100000

80000

60000

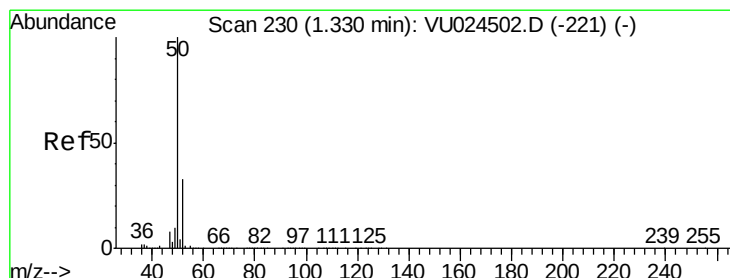
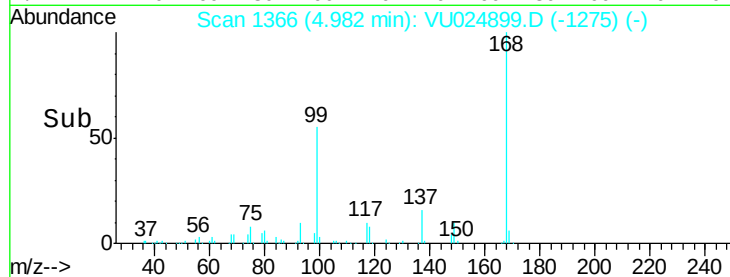
40000

20000

0

Time-->

4.90 5.00 5.10



#3

Chloromethane

Concen: 0.46 ug/l

RT: 1.32 min Scan# 228

Delta R.T. -0.01 min

Lab File: VU024899.D

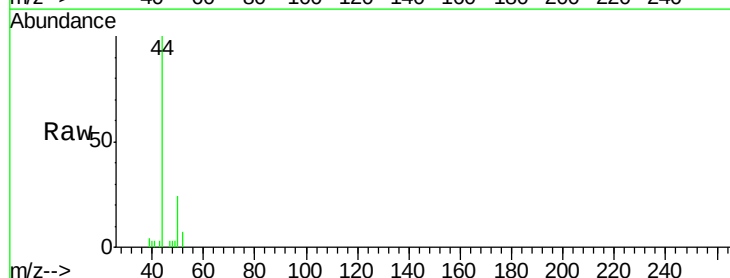
Acq: 26 Jun 2018 01:25

Tgt Ion: 50 Resp: 1350

Ion Ratio Lower Upper

50 100

52 29.7 26.4 39.6



Abundance Ion 49.90 (49.60 to 50.60): VU024502.D (-221) (-)

Ion 51.90 (51.60 to 52.60): VU024502.D (-221) (-)

1.32

1200

1000

800

600

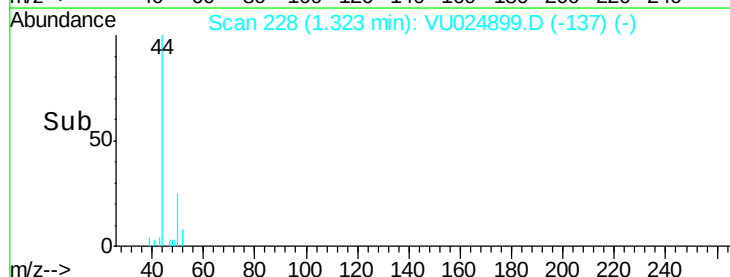
400

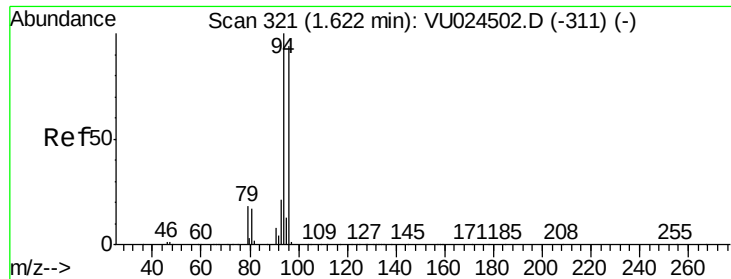
200

0

Time-->

1.30 1.35





#5

Bromomethane

Concen: 0.80 ug/l

RT: 1.61 min Scan# 318

Delta R.T. -0.01 min

Lab File: VU024899.D

Acq: 26 Jun 2018 01:25

Instrument :

MSVOA_U

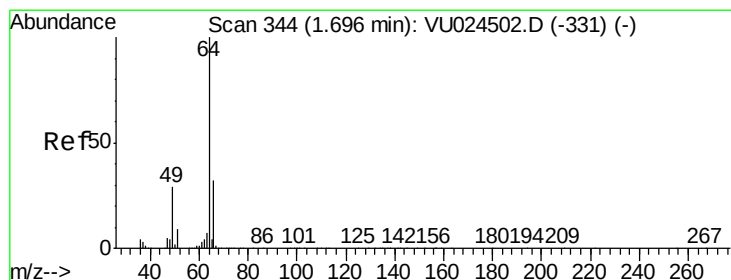
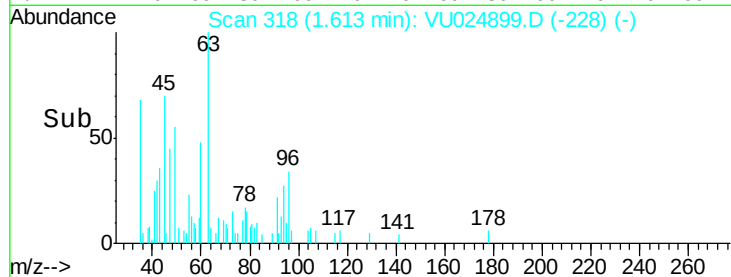
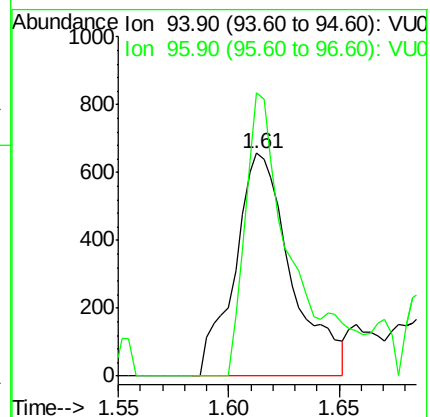
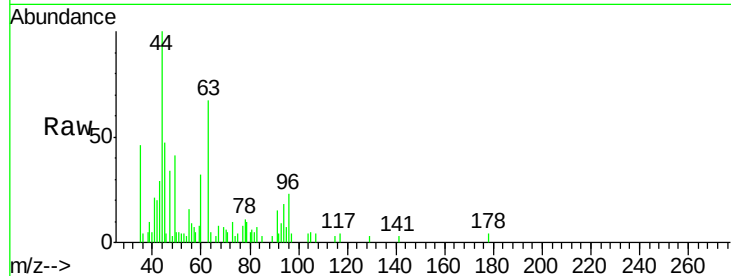
ClientSampleId :

Tot Ion: 94 Resp: 1175

Ion Ratio Lower Upper

94 100

96 127.1 74.5 111.7#



#6

Chloroethane

Concen: Below Cal

RT: 1.71 min Scan# 348

Delta R.T. 0.01 min

Lab File: VU024899.D

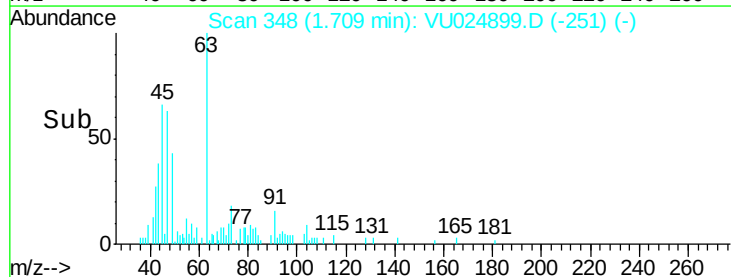
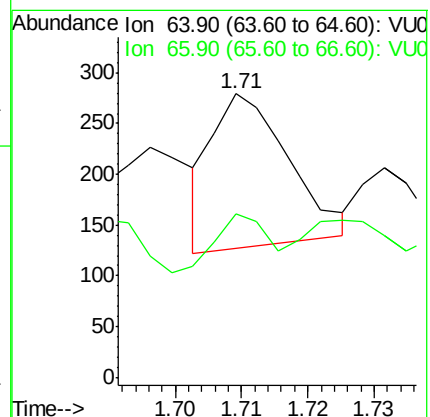
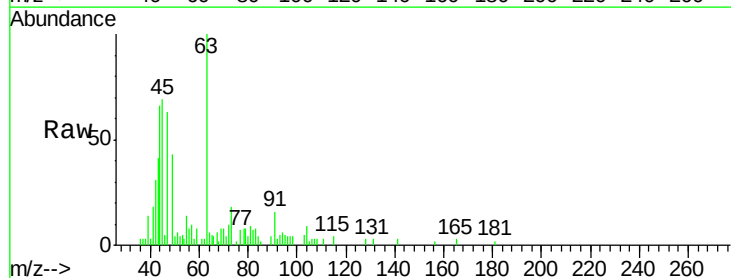
Acq: 26 Jun 2018 01:25

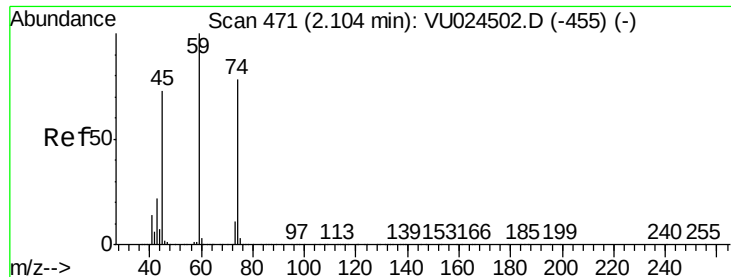
Tgt Ion: 64 Resp: 121

Ion Ratio Lower Upper

64 100

66 44.4 25.5 38.3#





#8

Diethyl Ether

Concen: Below Cal

RT: 1.99 min Scan# 436

Delta R.T. -0.11 min

Lab File: VU024899.D

Acq: 26 Jun 2018 01:25

Instrument :

MSVOA_U

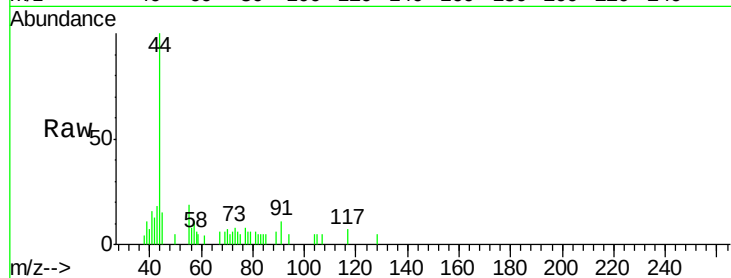
ClientSampleId :

Tot Ion: 74 Resp: 72

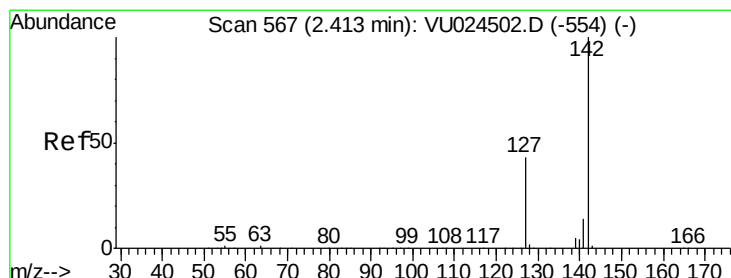
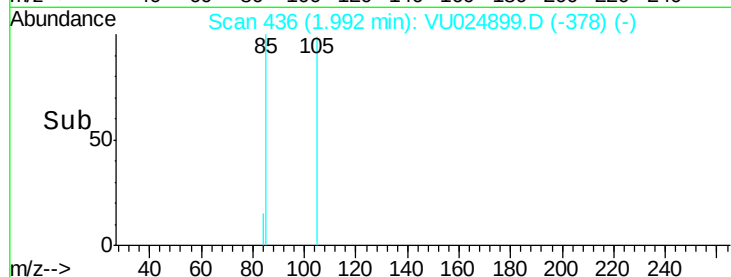
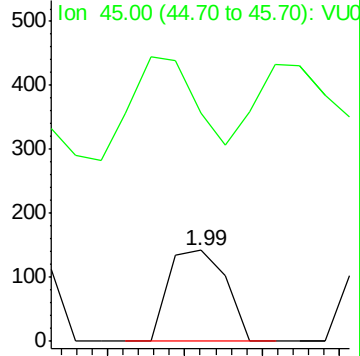
Ion Ratio Lower Upper

74 100

45 137.5 55.0 165.0



Abundance Ion 74.00 (73.70 to 74.70): VU024502.D (-455) (-)



#10

Methyl Iodide

Concen: 5.47 ug/l

RT: 2.40 min Scan# 562

Delta R.T. -0.02 min

Lab File: VU024899.D

Acq: 26 Jun 2018 01:25

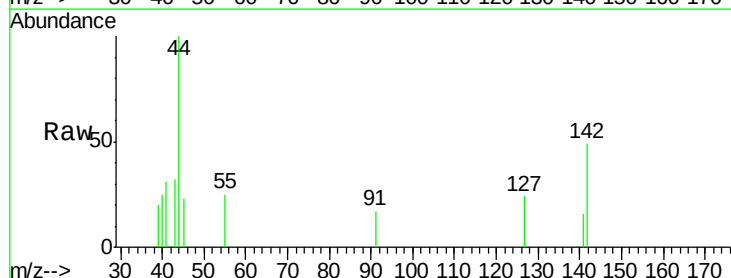
Tgt Ion: 142 Resp: 505

Ion Ratio Lower Upper

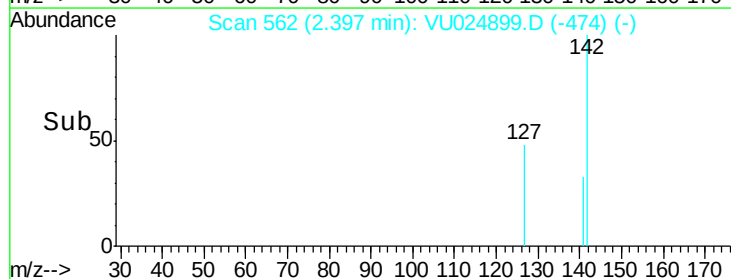
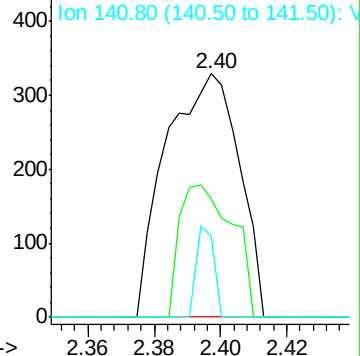
142 100

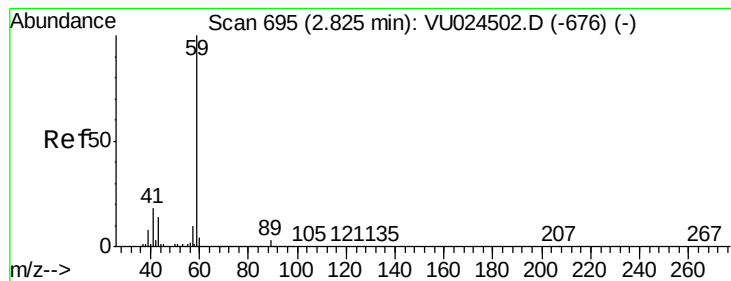
127 39.4 35.6 53.4

141 8.9 11.7 17.5#



Abundance Ion 141.80 (141.50 to 142.50): VU024502.D (-554) (-)



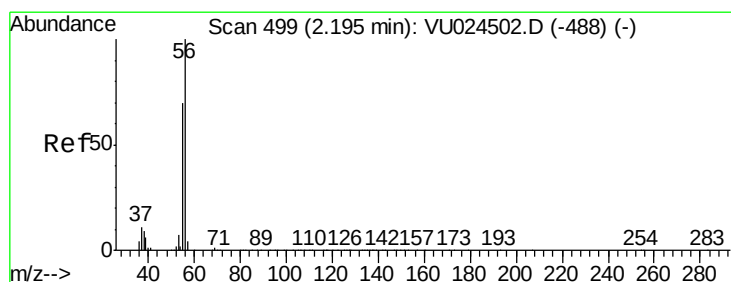
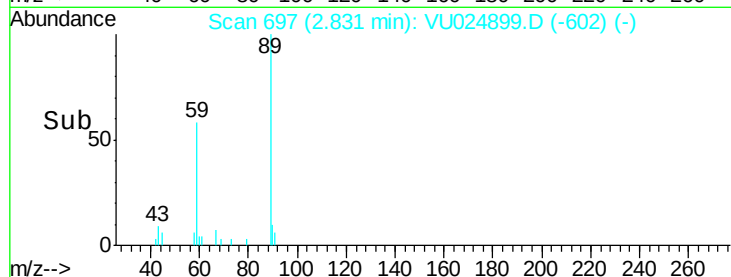
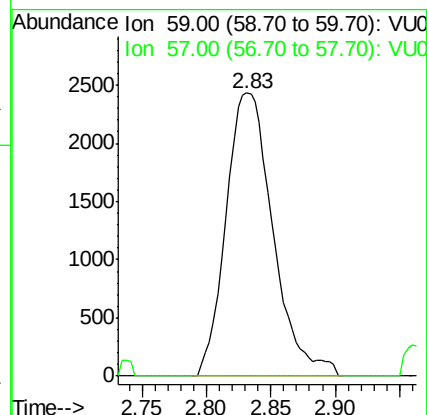
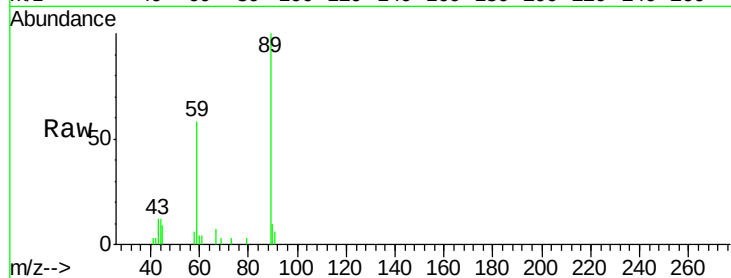


#11

Tert butyl alcohol
 Concen: 6.72 ug/l
 RT: 2.83 min Scan# 697
 Delta R.T. 0.01 min
 Lab File: VU024899.D
 Acq: 26 Jun 2018 01:25

Instrument :
 MSVOA_U
 ClientSampled :

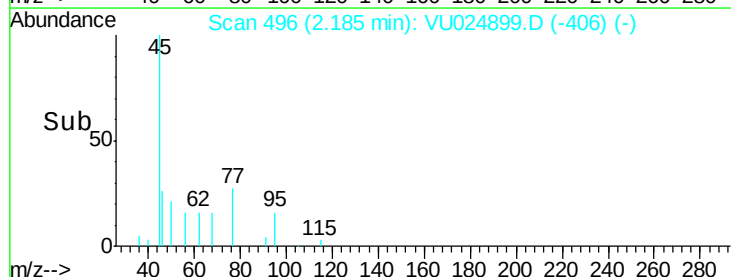
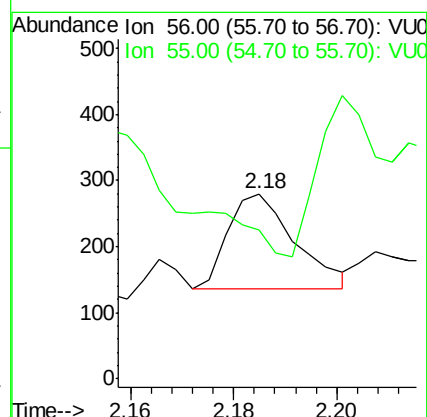
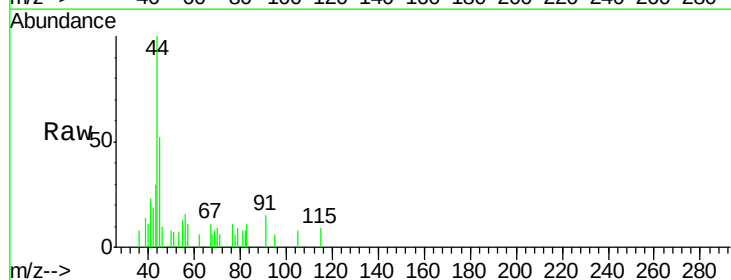
Tot Ion: 59 Resp: 6161
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.5 12.7#

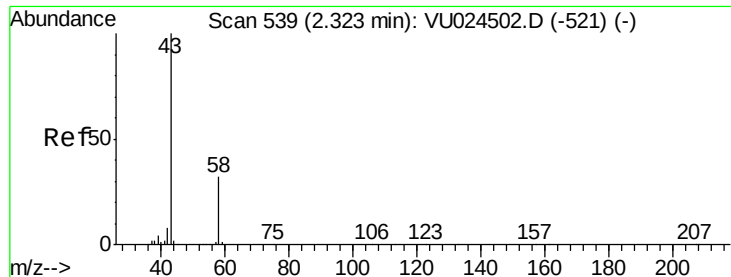


#13

Acrolein
 Concen: 0.27 ug/l
 RT: 2.18 min Scan# 496
 Delta R.T. -0.01 min
 Lab File: VU024899.D
 Acq: 26 Jun 2018 01:25

Tgt Ion: 56 Resp: 130
 Ion Ratio Lower Upper
 56 100
 55 153.8 58.4 87.6#





#16

Acetone

Concen: 0.34 ug/l

RT: 2.34 min Scan# 543

Delta R.T. 0.01 min

Lab File: VU024899.D

Acq: 26 Jun 2018 01:25

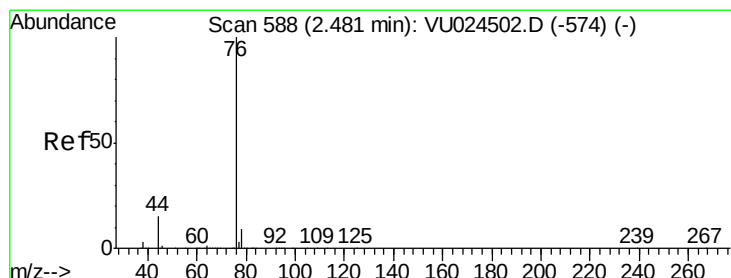
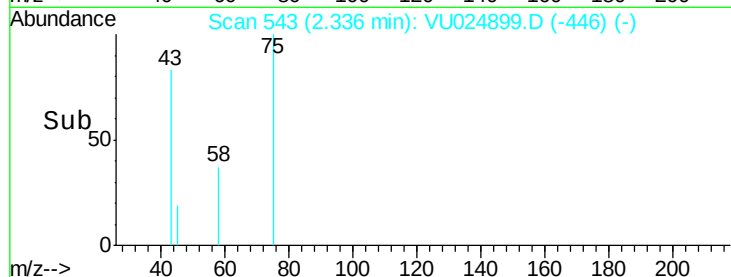
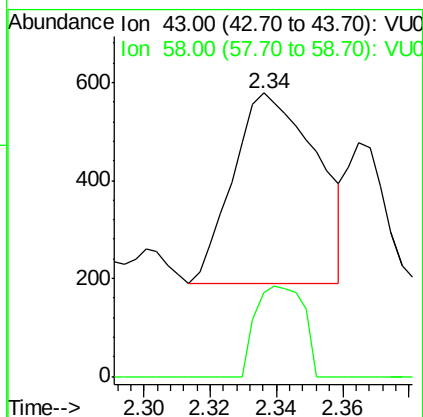
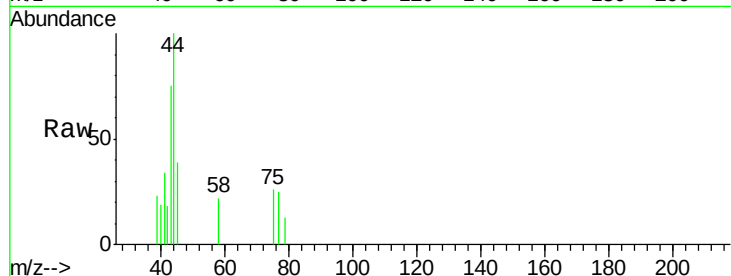
Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 43 Resp: 682

Ion Ratio Lower Upper

43 100

58 44.2 24.4 36.6#



#17

Carbon Disulfide

Concen: 0.25 ug/l

RT: 2.45 min Scan# 579

Delta R.T. -0.03 min

Lab File: VU024899.D

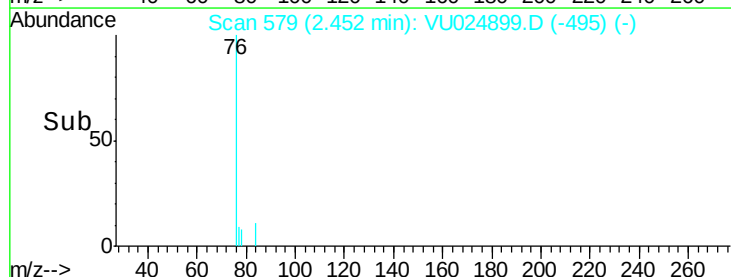
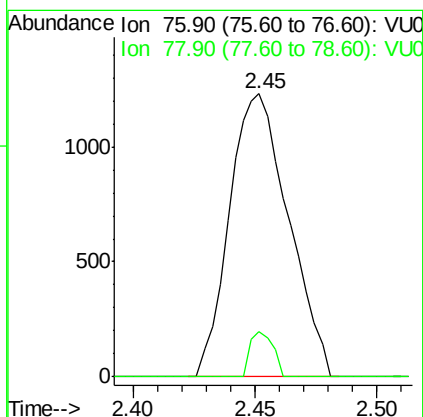
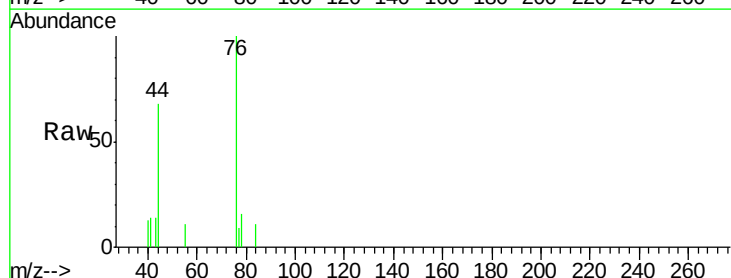
Acq: 26 Jun 2018 01:25

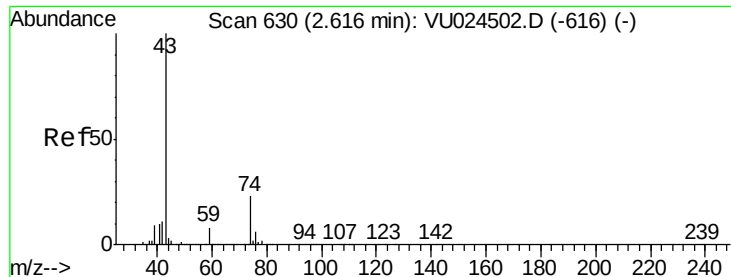
Tgt Ion: 76 Resp: 2064

Ion Ratio Lower Upper

76 100

78 15.9 7.1 10.7#

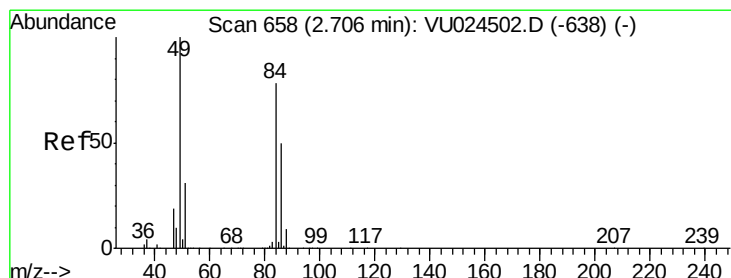
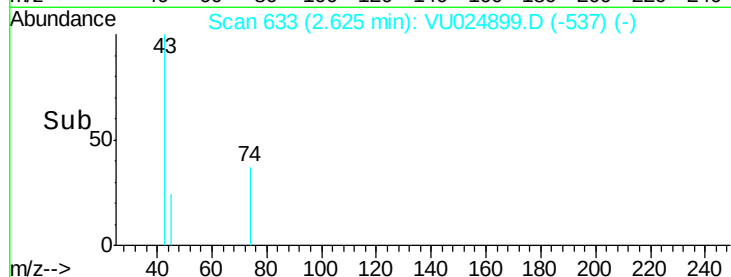
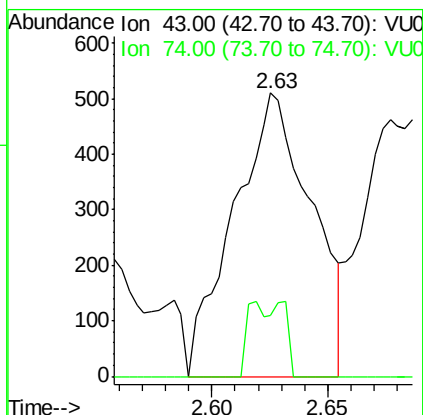
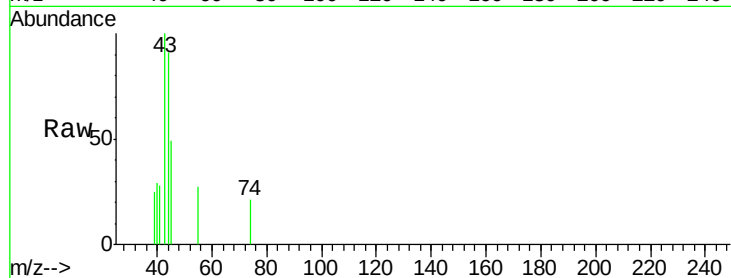




#18
Methyl Acetate
Concen: 0.27 ug/l
RT: 2.63 min Scan# 633
Delta R.T. 0.01 min
Lab File: VU024899.D
Acq: 26 Jun 2018 01:25

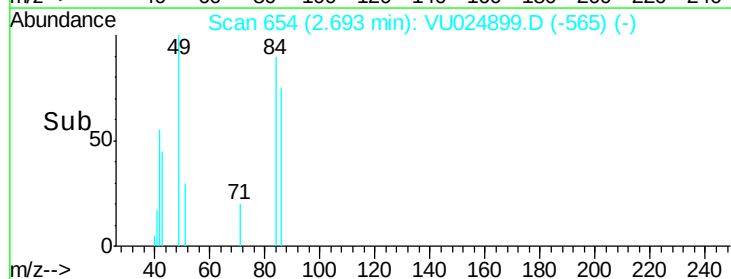
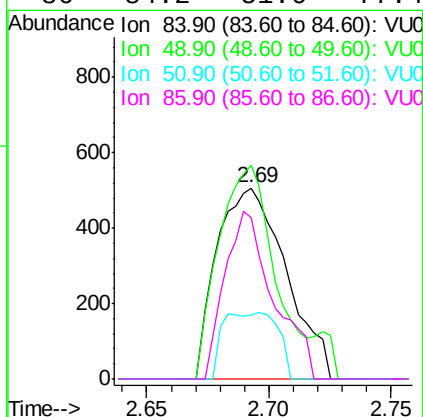
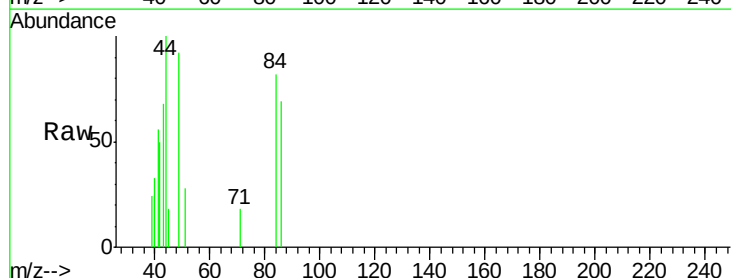
Instrument :
MSVOA_U
ClientSampled :

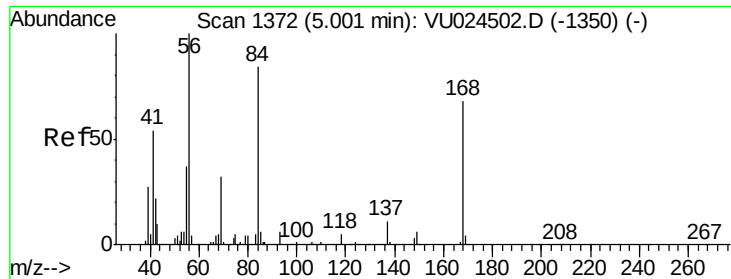
Tot Ion: 43 Resp: 1187
Ion Ratio Lower Upper
43 100
74 6.1 18.0 27.0#



#20
Methylene Chloride
Concen: 0.31 ug/l
RT: 2.69 min Scan# 654
Delta R.T. -0.01 min
Lab File: VU024899.D
Acq: 26 Jun 2018 01:25

Tgt Ion: 84 Resp: 995
Ion Ratio Lower Upper
84 100
49 111.6 103.8 155.8
51 33.7 32.0 48.0
86 84.2 51.6 77.4#

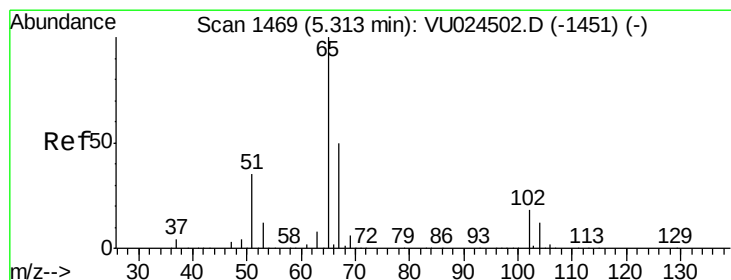
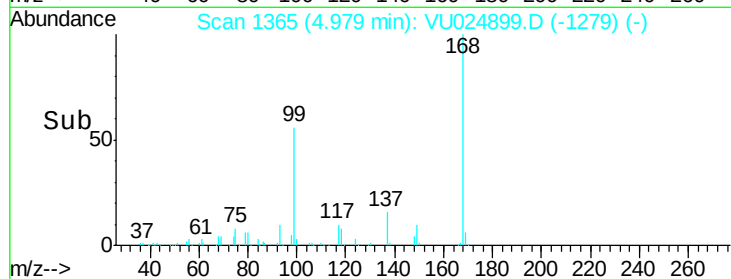
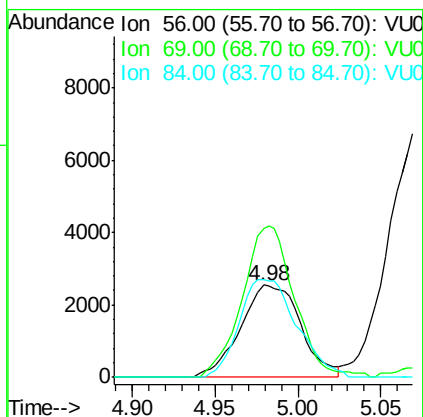
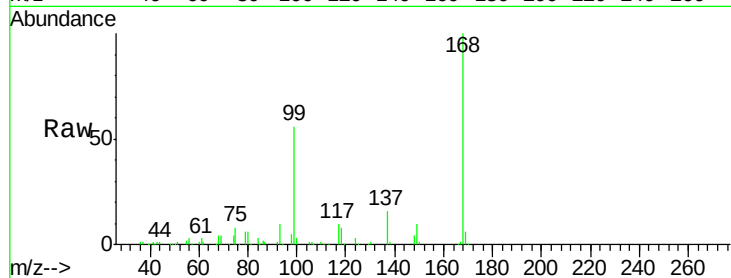




#31
Cyclohexane
Concen: Below Cal
RT: 4.98 min Scan# 1365
Delta R.T. -0.02 min
Lab File: VU024899.D
Acq: 26 Jun 2018 01:25

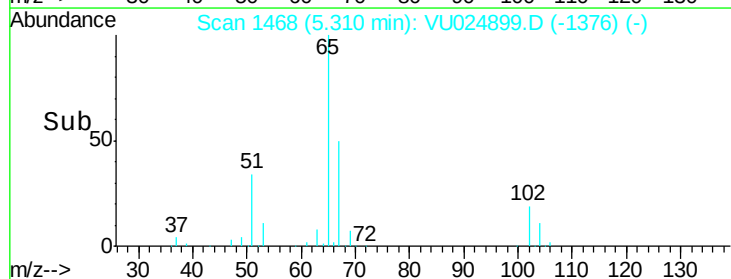
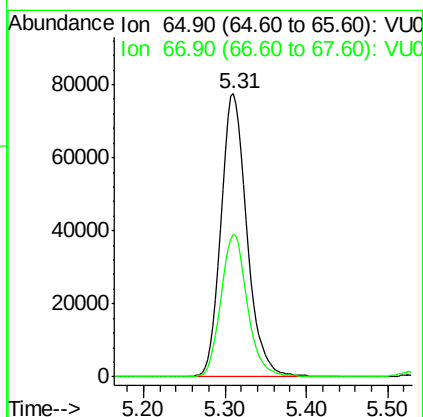
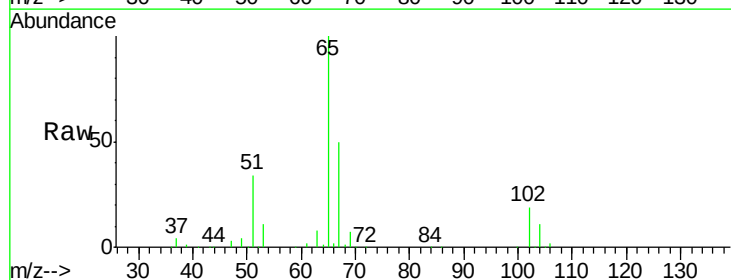
Instrument :
MSVOA_U
ClientSampleId :

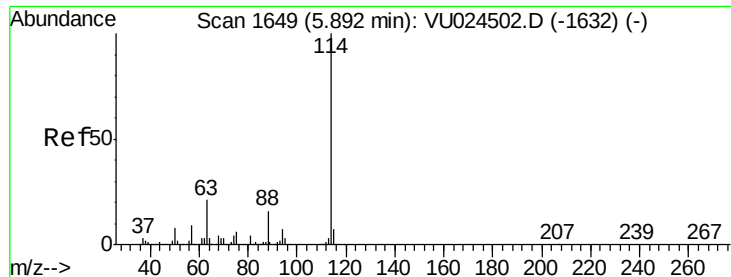
Tot Ion: 56 Resp: 6426
Ion Ratio Lower Upper
56 100
69 161.8 24.8 37.2#
84 105.6 65.2 97.8#



#33
1,2-Dichloroethane-d4
Concen: 46.52 ug/l
RT: 5.31 min Scan# 1468
Delta R.T. -0.00 min
Lab File: VU024899.D
Acq: 26 Jun 2018 01:25

Tgt Ion: 65 Resp: 175381
Ion Ratio Lower Upper
65 100
67 51.1 0.0 107.0





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 5.89 min Scan# 1648

Delta R.T. -0.00 min

Lab File: VU024899.D

Acq: 26 Jun 2018 01:25

Instrument :

MSVOA_U

ClientSampleId :

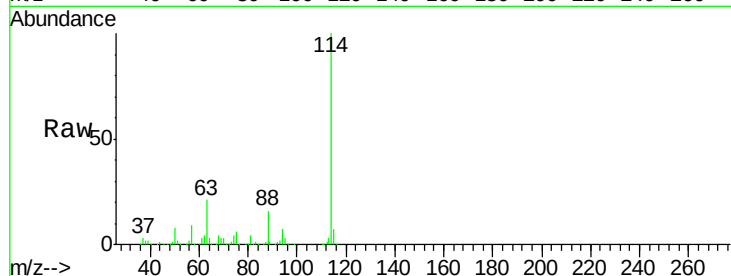
Tot Ion:114 Resp: 355100

Ion Ratio Lower Upper

114 100

63 20.5 0.0 45.4

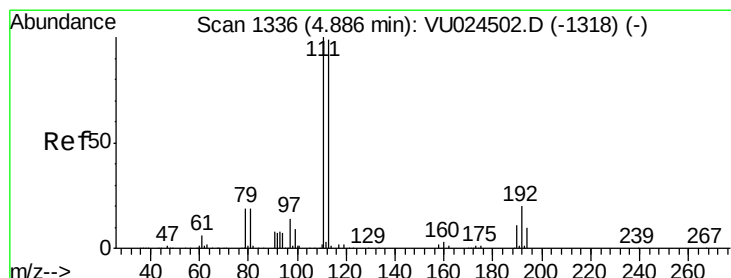
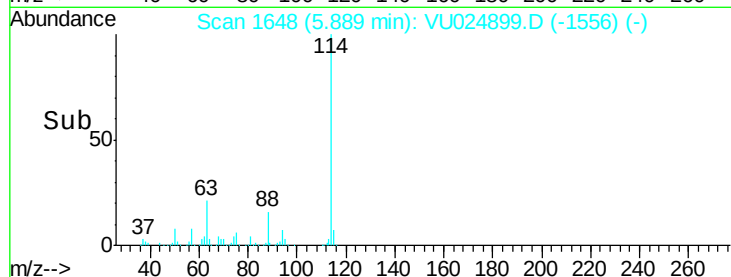
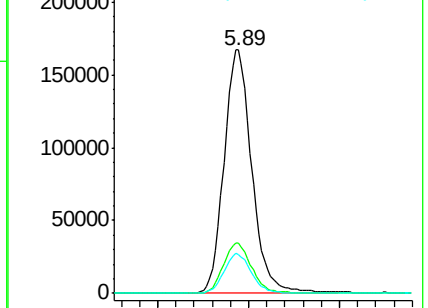
88 16.1 0.0 31.0



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: 47.02 ug/l

RT: 4.89 min Scan# 1336

Delta R.T. 0.00 min

Lab File: VU024899.D

Acq: 26 Jun 2018 01:25

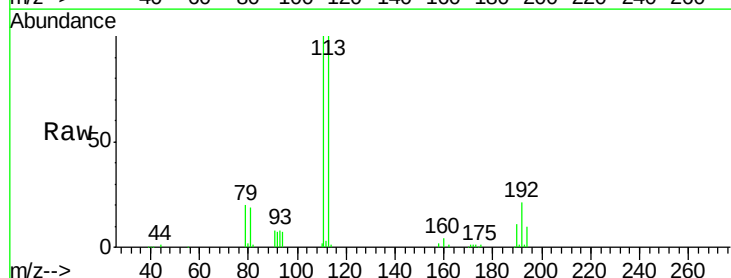
Tgt Ion:113 Resp: 138572

Ion Ratio Lower Upper

113 100

111 100.6 82.2 123.4

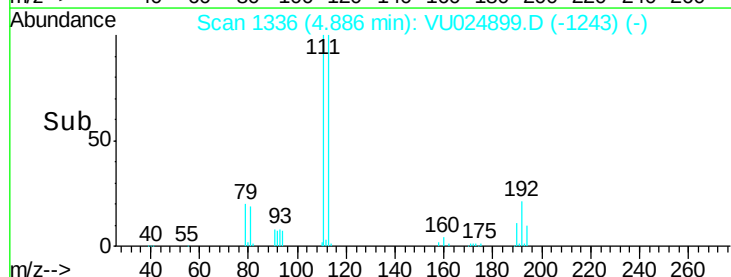
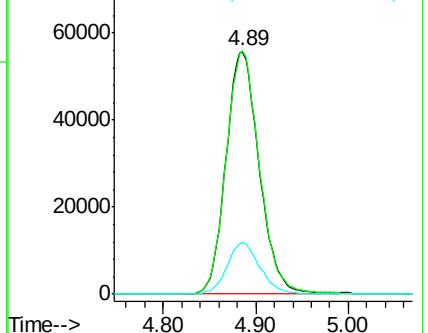
192 20.9 16.2 24.4

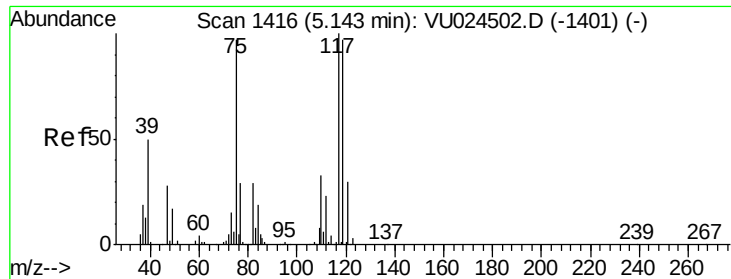


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

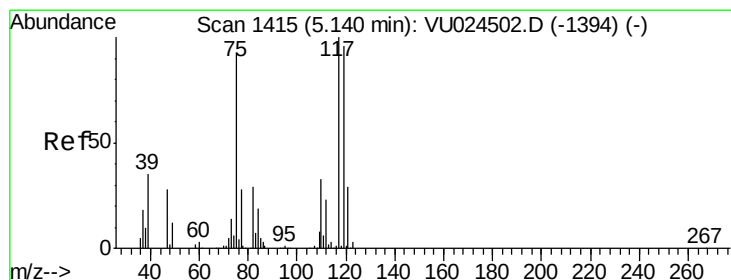
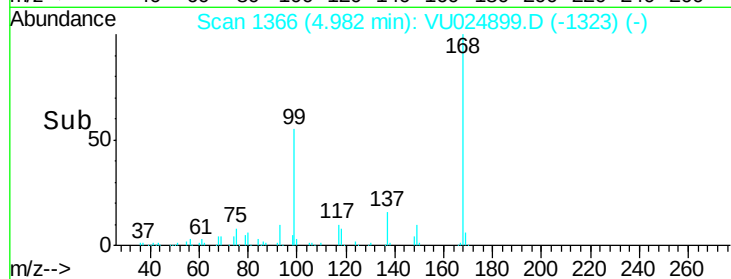
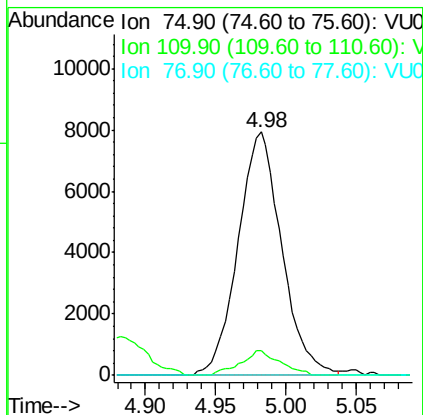
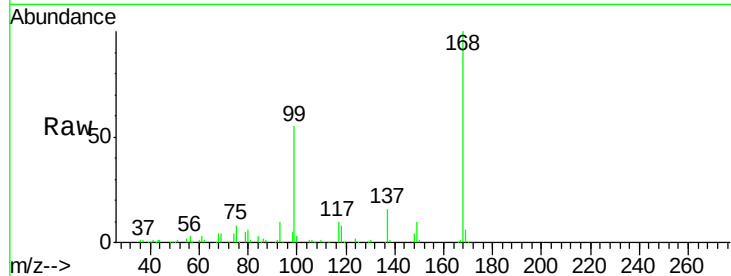




#36
 1,1-Dichloropropene
 Concen: 4.12 ug/l
 RT: 4.98 min Scan# 1366
 Delta R.T. -0.16 min
 Lab File: VU024899.D
 Acq: 26 Jun 2018 01:25

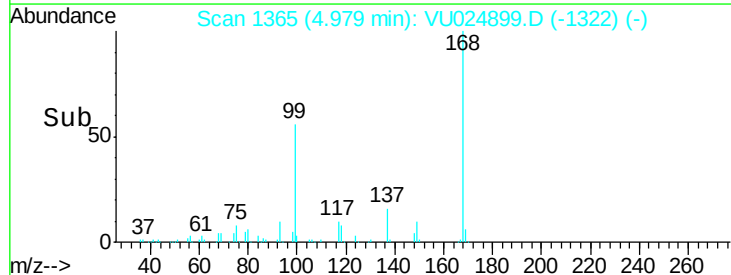
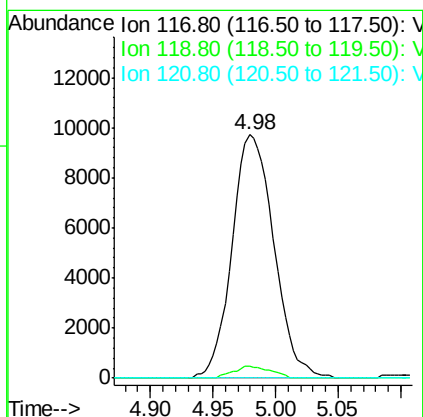
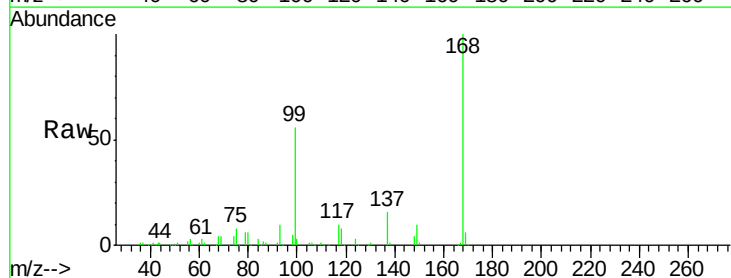
Instrument :
 MSVOA_U
 ClientSampled :

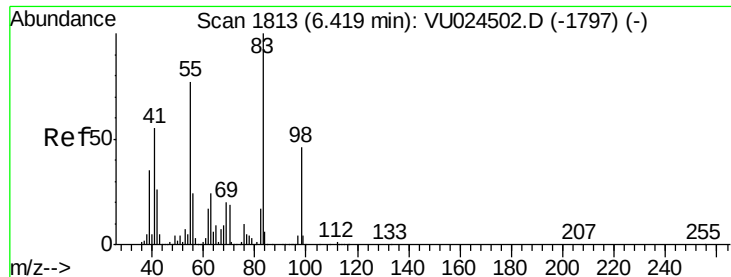
Tot Ion: 75 Resp: 17178
 Ion Ratio Lower Upper
 75 100
 110 9.1 17.0 50.9#
 77 0.0 24.2 36.4#



#38
 Carbon Tetrachloride
 Concen: 4.92 ug/l
 RT: 4.98 min Scan# 1365
 Delta R.T. -0.16 min
 Lab File: VU024899.D
 Acq: 26 Jun 2018 01:25

Tgt Ion: 117 Resp: 22579
 Ion Ratio Lower Upper
 117 100
 119 4.9 76.1 114.1#
 121 0.0 23.7 35.5#

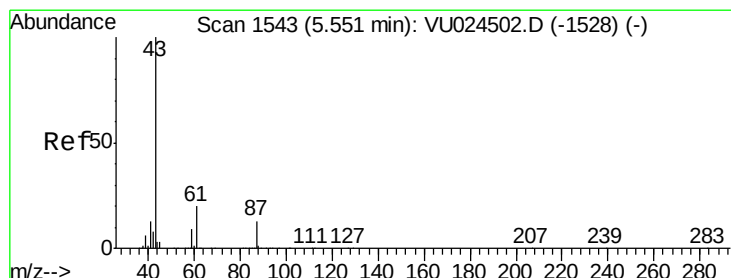
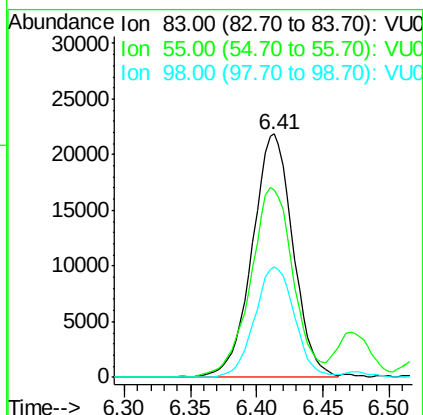
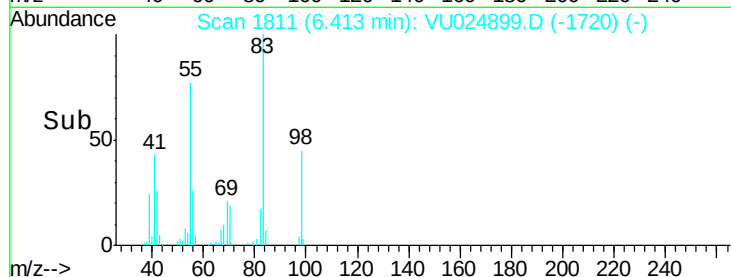
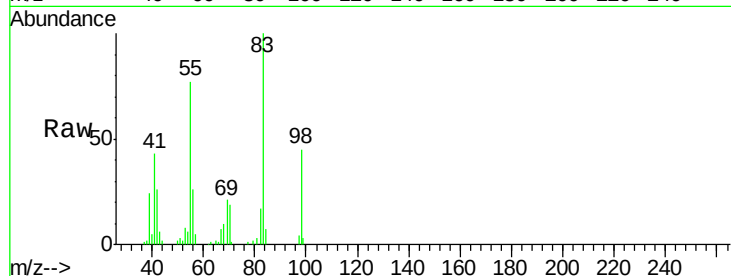




#39
Methylvlcyclohexane
Concen: 9.01 ug/l
RT: 6.41 min Scan# 1811
Delta R.T. -0.01 min
Lab File: VU024899.D
Acq: 26 Jun 2018 01:25

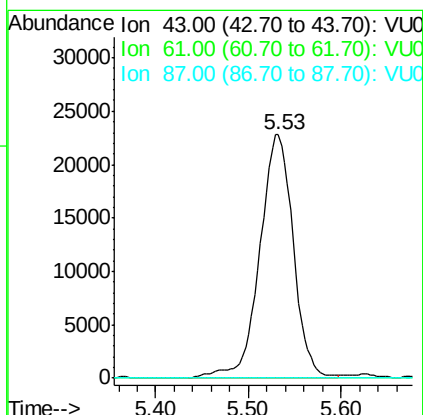
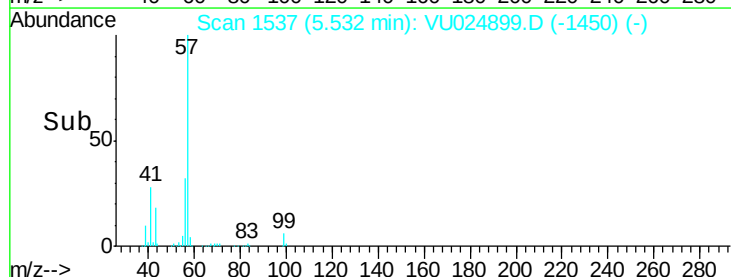
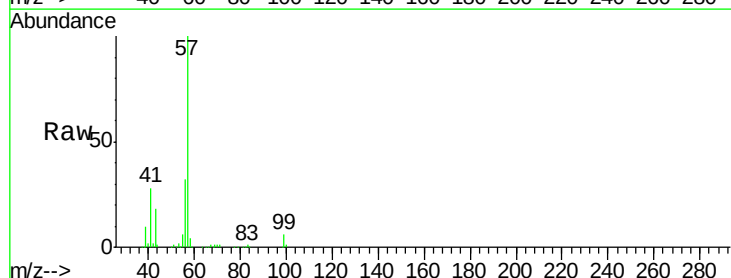
Instrument :
MSVOA_U
ClientSampled :

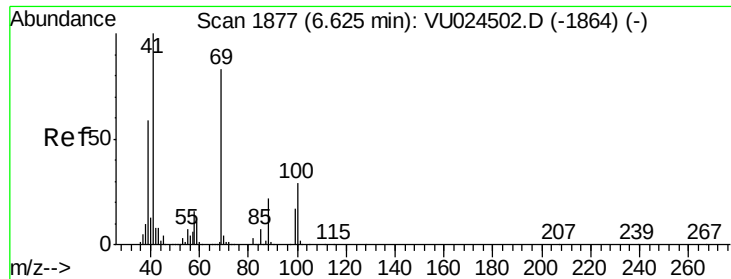
Tot Ion	Ratio	Lower	Upper
83	100		
55	77.1	65.8	98.6
98	45.5	36.7	55.1



#43
Isopropyl Acetate
Concen: 7.32 ug/l
RT: 5.53 min Scan# 1537
Delta R.T. -0.02 min
Lab File: VU024899.D
Acq: 26 Jun 2018 01:25

Tgt Ion	Ratio	Lower	Upper
43	100		
61	0.0	15.4	23.0#
87	0.0	10.0	15.0#

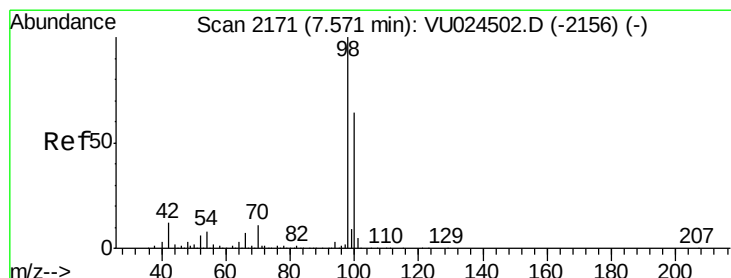
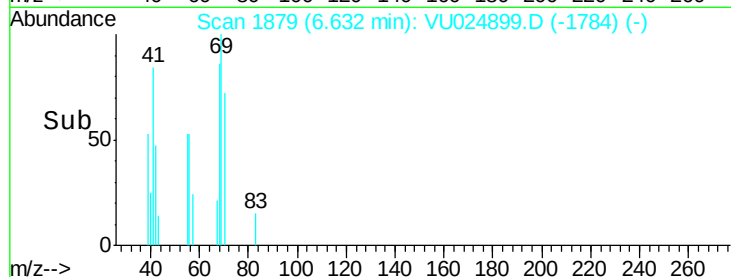
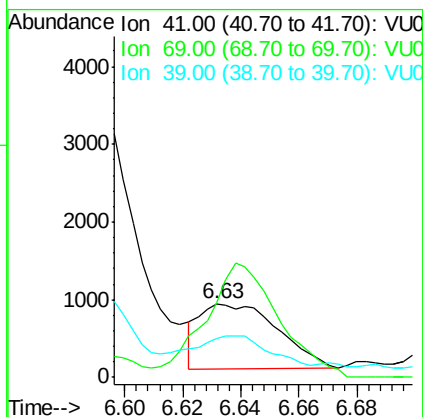
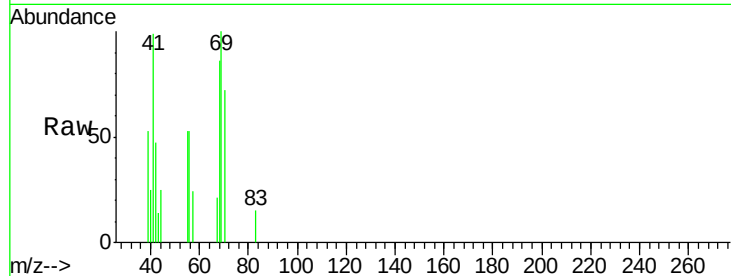




#48
Methvl methacrylate
Concen: 0.41 ug/l
RT: 6.63 min Scan# 1879
Delta R.T. 0.01 min
Lab File: VU024899.D
Acq: 26 Jun 2018 01:25

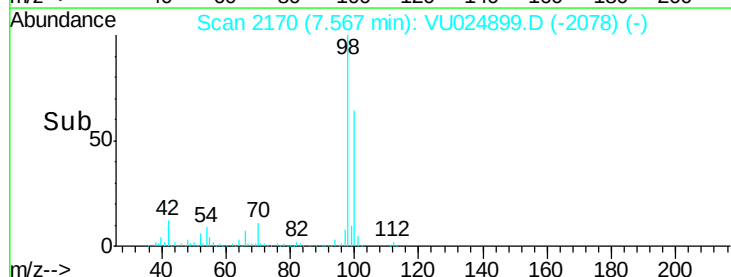
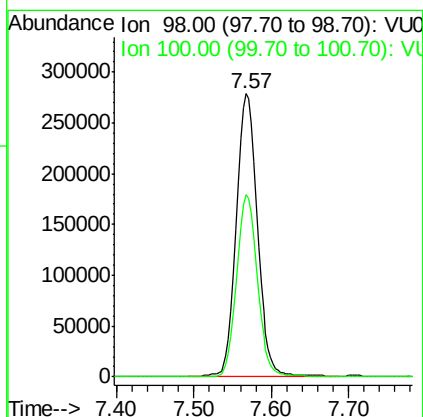
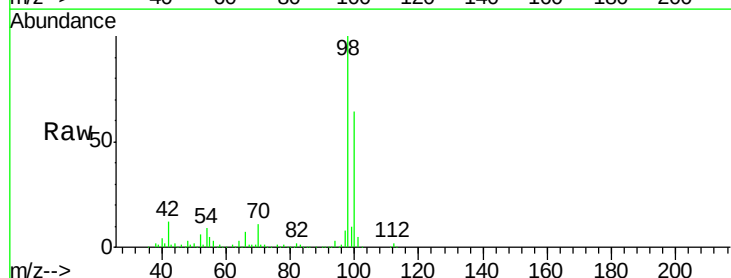
Instrument :
MSVOA_U
ClientSampleId :

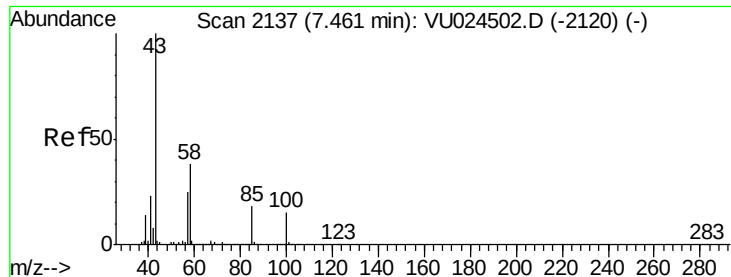
Tot Ion: 41 Resp: 1553
Ion Ratio Lower Upper
41 100
69 165.9 67.3 100.9#
39 44.8 46.5 69.7#



#50
Toluene-d8
Concen: 48.97 ug/l
RT: 7.57 min Scan# 2170
Delta R.T. -0.00 min
Lab File: VU024899.D
Acq: 26 Jun 2018 01:25

Tgt Ion: 98 Resp: 526377
Ion Ratio Lower Upper
98 100
100 63.0 51.1 76.7





#51

4-Methyl-2-Pentanone

Concen: 6.13 ug/l

RT: 7.52 min Scan# 2156

Delta R.T. 0.06 min

Lab File: VU024899.D

Acq: 26 Jun 2018 01:25

Instrument :

MSVOA_U

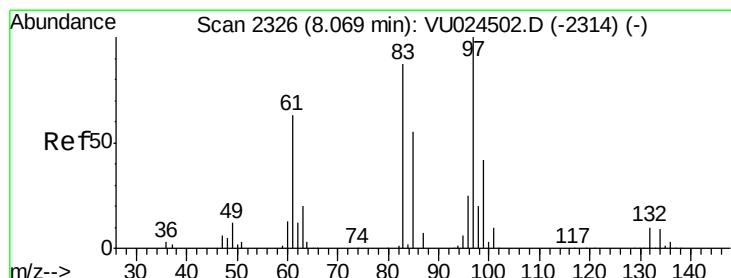
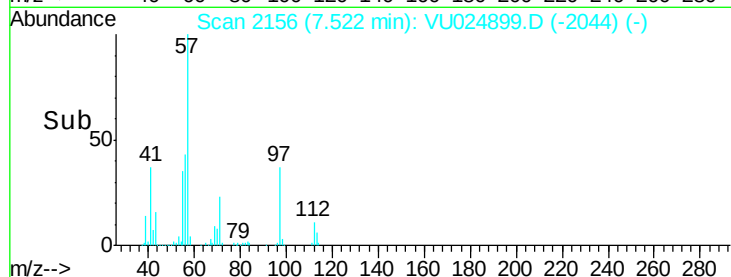
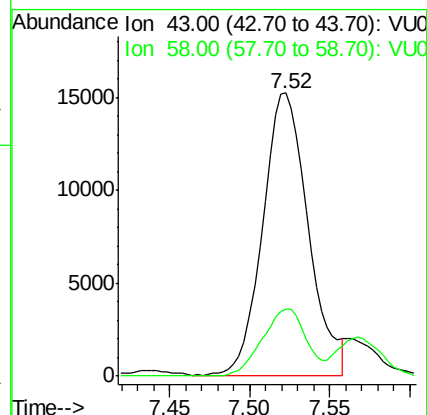
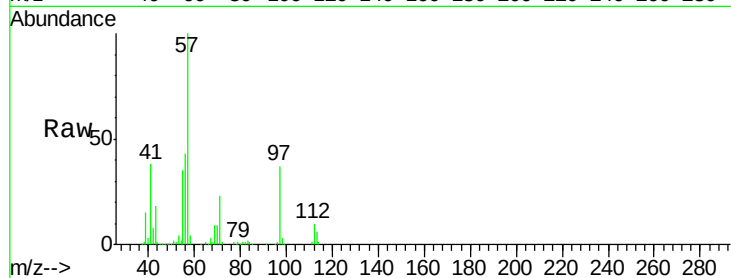
ClientSampleId :

Tot Ion: 43 Resp: 30293

Ion Ratio Lower Upper

43 100

58 22.6 30.0 45.0#



#55

1,1,2-Trichloroethane

Concen: 6.80 ug/l

RT: 8.05 min Scan# 2320

Delta R.T. -0.02 min

Lab File: VU024899.D

Acq: 26 Jun 2018 01:25

Tgt Ion: 97 Resp: 21154

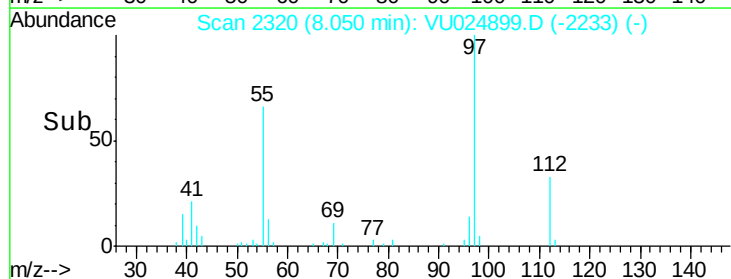
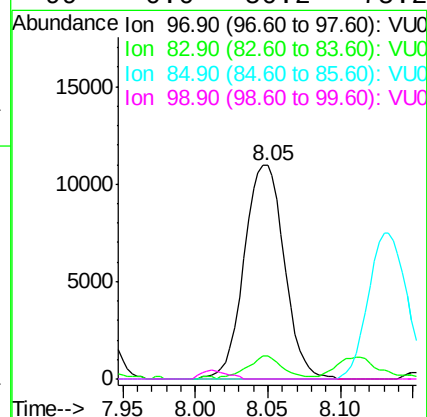
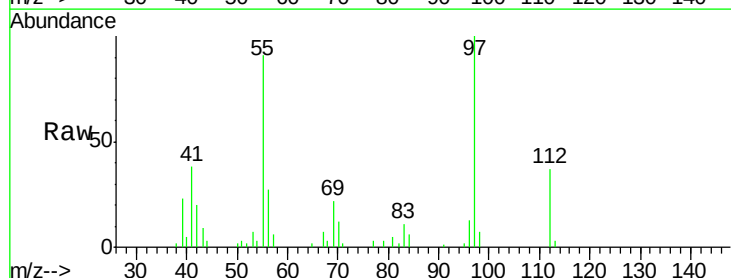
Ion Ratio Lower Upper

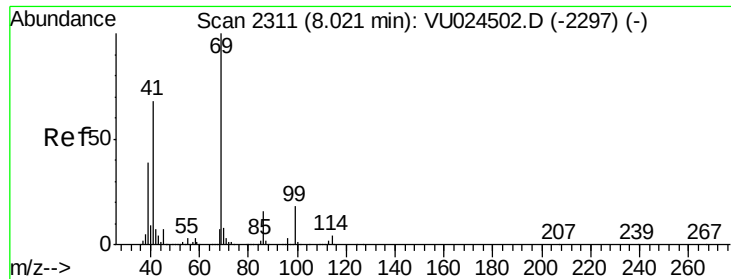
97 100

83 10.7 70.5 105.7#

85 0.0 46.4 69.6#

99 0.0 50.2 75.2#





#56

Ethyl methacrylate

Concen: 0.90 ug/l

RT: 8.05 min Scan# 2319

Delta R.T. 0.03 min

Lab File: VU024899.D

Acq: 26 Jun 2018 01:25

Instrument :
MSVOA_U
ClientSampled :

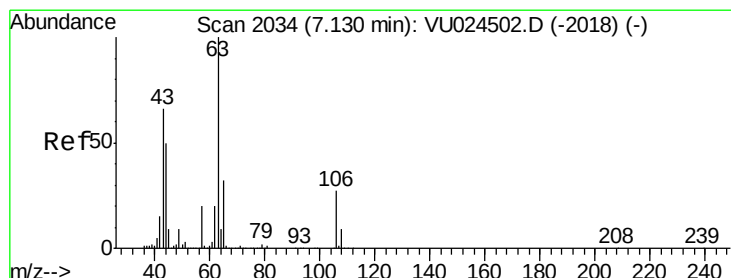
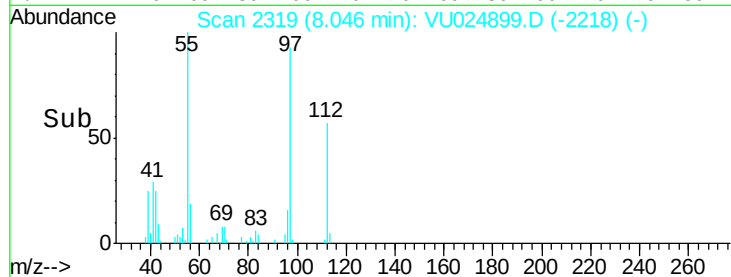
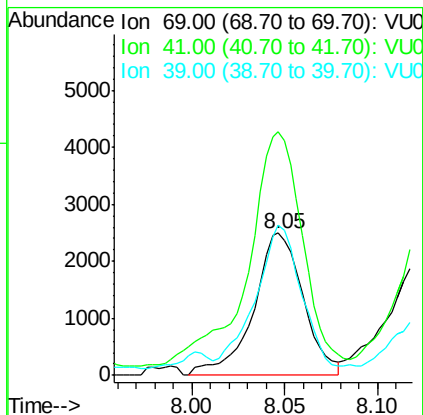
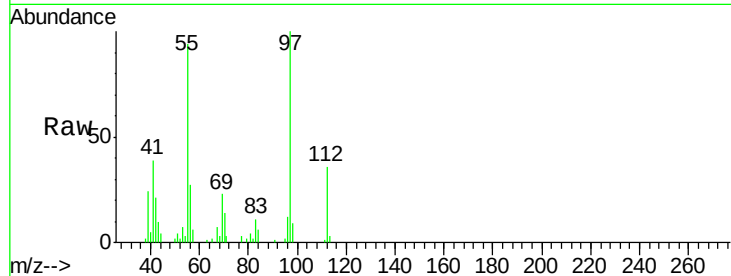
Tot Ion: 69 Resp: 4659

Ion Ratio Lower Upper

69 100

41 179.1 54.1 81.1#

39 102.3 30.3 45.5#



#58

2-Chloroethyl Vinyl ether

Concen: 0.25 ug/l

RT: 7.04 min Scan# 2005

Delta R.T. -0.09 min

Lab File: VU024899.D

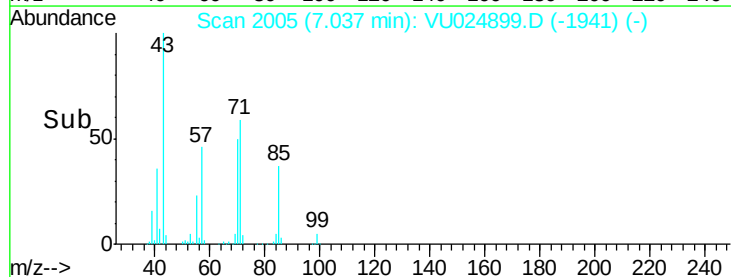
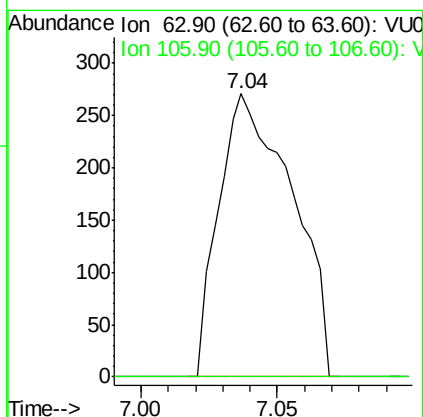
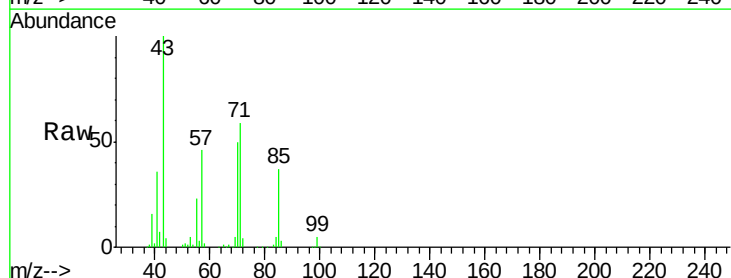
Acq: 26 Jun 2018 01:25

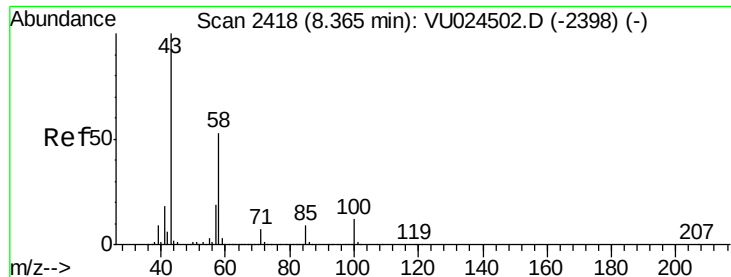
Tgt Ion: 63 Resp: 506

Ion Ratio Lower Upper

63 100

106 0.0 20.2 30.2#

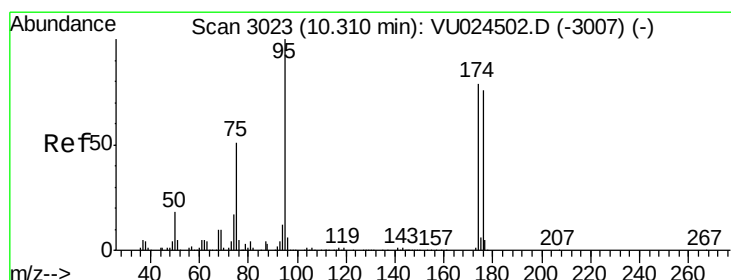
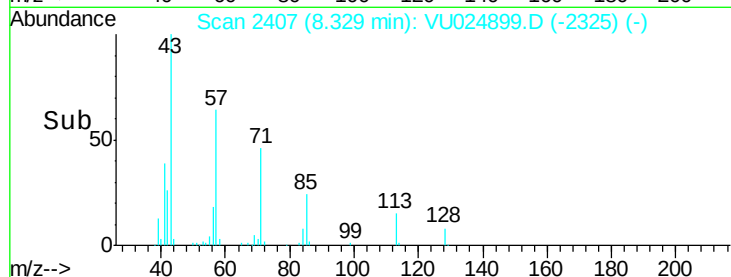
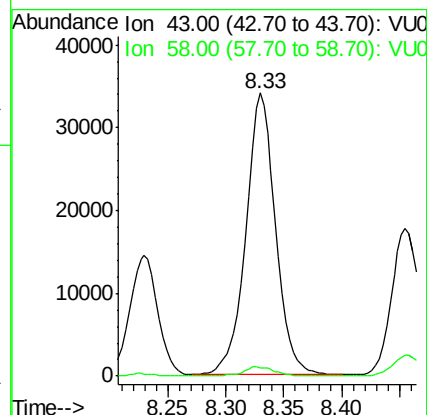
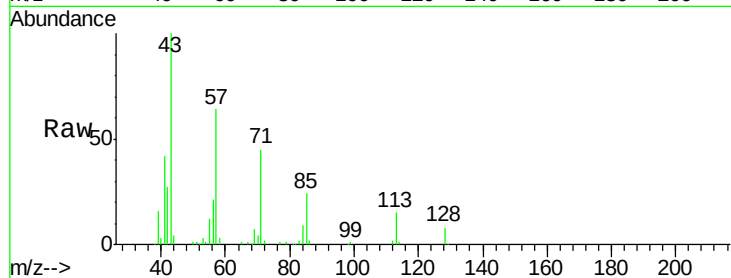




#59
2-Hexanone
Concen: 15.07 ug/l
RT: 8.33 min Scan# 2407
Delta R.T. -0.04 min
Lab File: VU024899.D
Acq: 26 Jun 2018 01:25

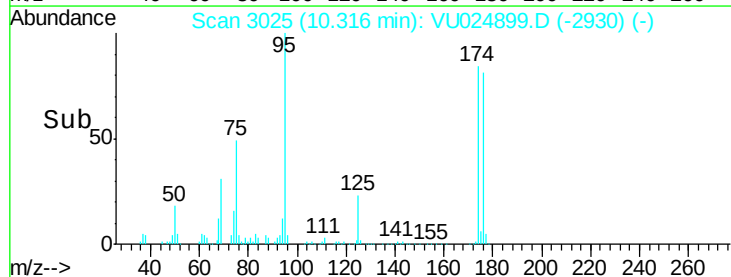
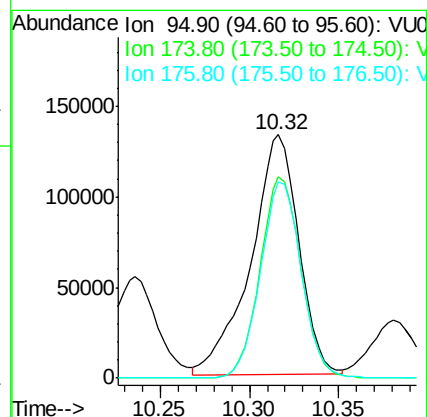
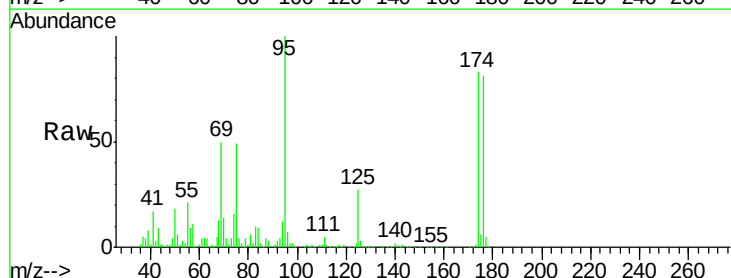
Instrument :
MSVOA_U
ClientSampleId :

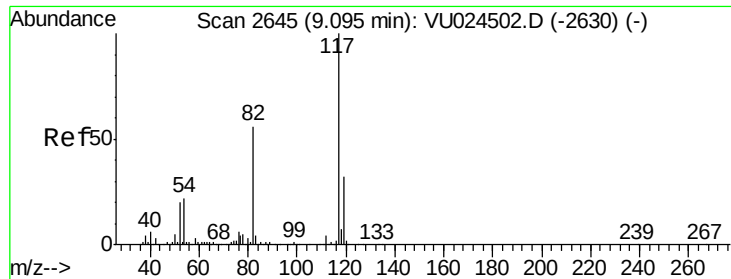
Tot Ion: 43 Resp: 60760
Ion Ratio Lower Upper
43 100
58 3.4 26.4 79.0#



#62
4-Bromofluorobenzene
Concen: 58.14 ug/l
RT: 10.32 min Scan# 3025
Delta R.T. 0.01 min
Lab File: VU024899.D
Acq: 26 Jun 2018 01:25

Tgt Ion: 95 Resp: 248161
Ion Ratio Lower Upper
95 100
174 72.1 0.0 165.8
176 70.4 0.0 159.4

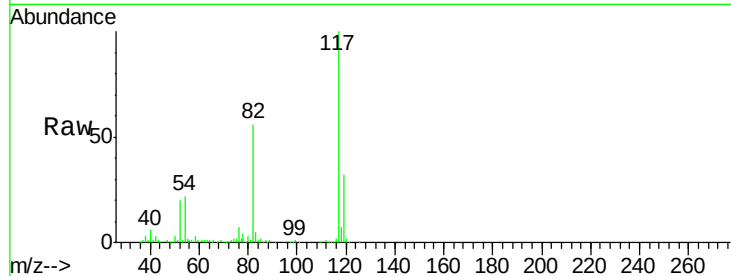




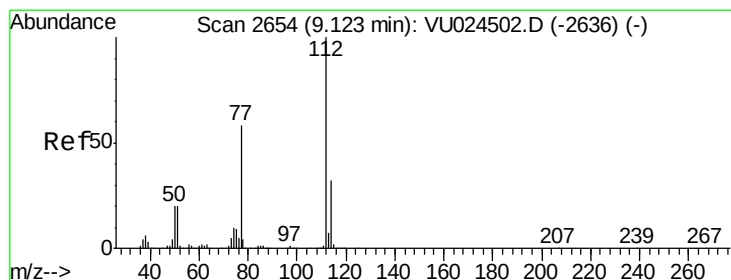
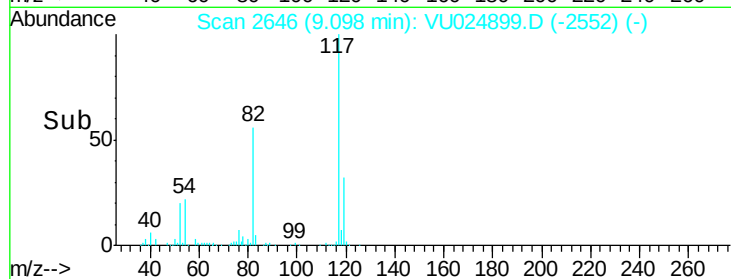
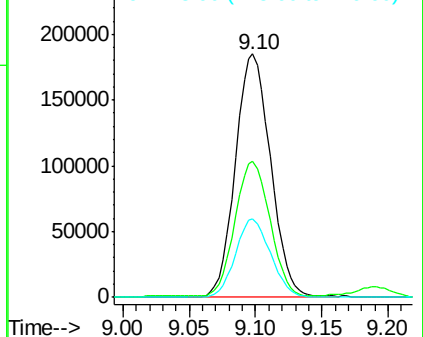
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.10 min Scan# 2646
Delta R.T. 0.00 min
Lab File: VU024899.D
Acq: 26 Jun 2018 01:25

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.2	44.3	66.5
119	32.4	25.4	38.2

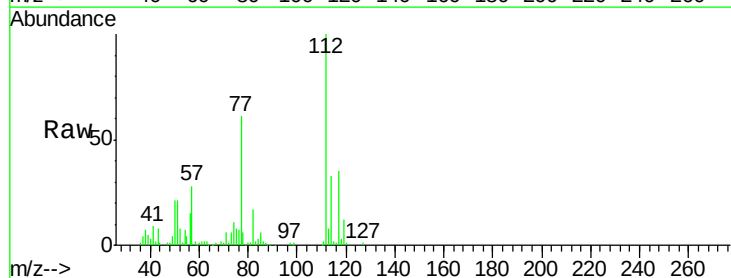


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

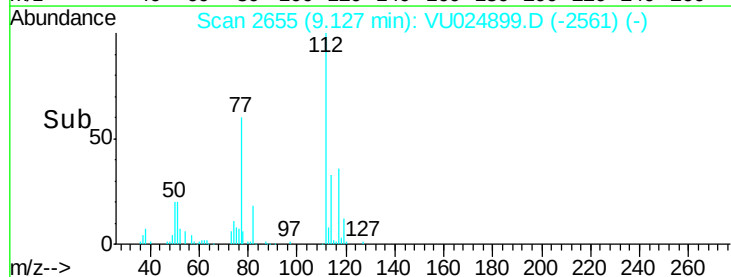
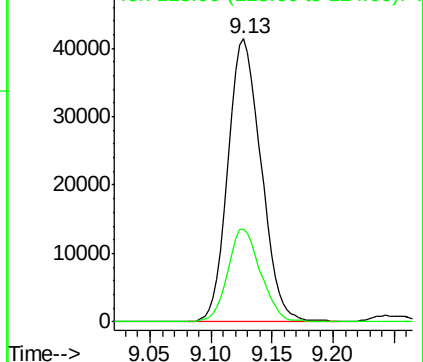


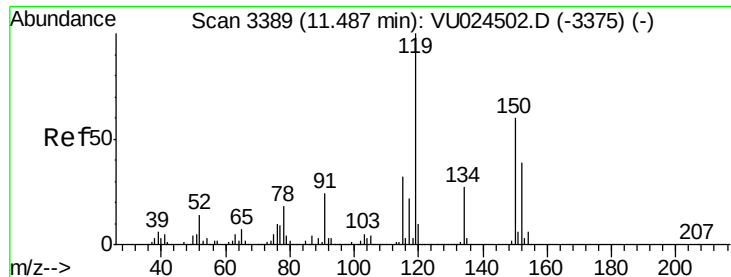
#65
Chlorobenzene
Concen: 9.01 ug/l
RT: 9.13 min Scan# 2655
Delta R.T. 0.00 min
Lab File: VU024899.D
Acq: 26 Jun 2018 01:25

Tgt Ion	Ratio	Lower	Upper
112	100		
114	32.9	25.6	38.4



Abundance Ion 111.90 (111.60 to 112.60): V
Ion 113.90 (113.60 to 114.60): V

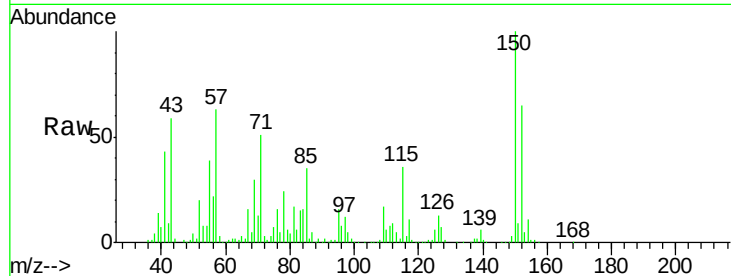




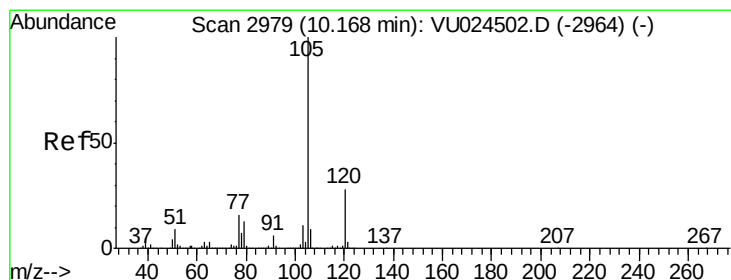
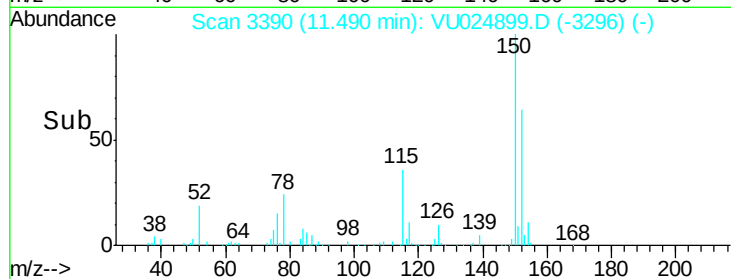
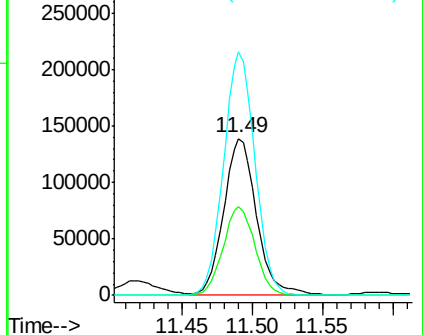
#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 11.49 min Scan# 3390
 Delta R.T. 0.00 min
 Lab File: VU024899.D
 Acq: 26 Jun 2018 01:25

Instrument :
 MSVOA_U
 ClientSampled :

Tot Ion:152 Resp: 224063
 Ion Ratio Lower Upper
 152 100
 115 54.8 43.0 129.0
 150 149.3 0.0 354.0

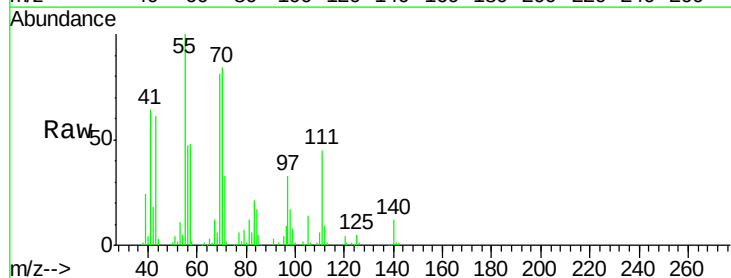


Abundance Ion 151.90 (151.60 to 152.60): V
 Ion 114.90 (114.60 to 115.60): V
 Ion 149.90 (149.60 to 150.60): V

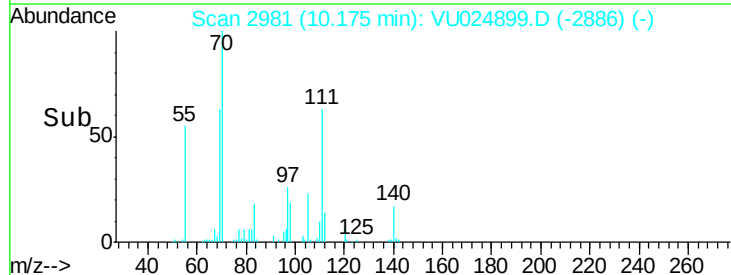
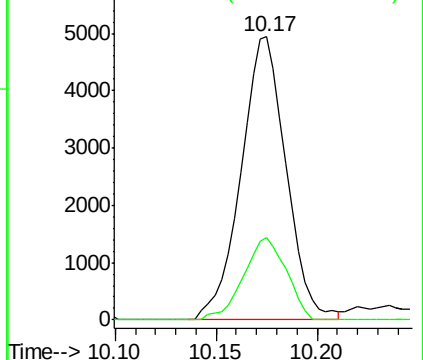


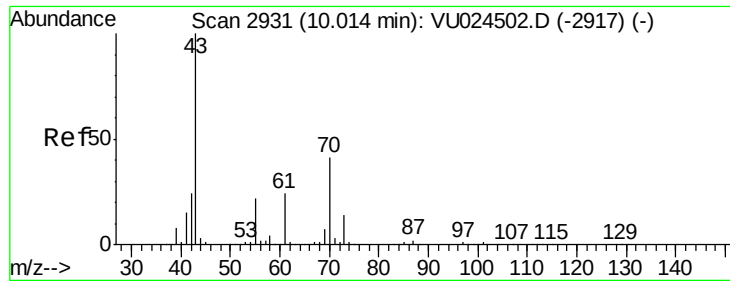
#73
 Isopropylbenzene
 Concen: 0.45 ug/l
 RT: 10.17 min Scan# 2981
 Delta R.T. 0.01 min
 Lab File: VU024899.D
 Acq: 26 Jun 2018 01:25

Tgt Ion:105 Resp: 7739
 Ion Ratio Lower Upper
 105 100
 120 27.7 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-amvl acetate

Concen: 12.72 ug/l

RT: 10.01 min Scan# 2931

Delta R.T. 0.00 min

Lab File: VU024899.D

Acq: 26 Jun 2018 01:25

Instrument :

MSVOA_U

ClientSampleId :

Tot Ion: 43 Resp: 104086

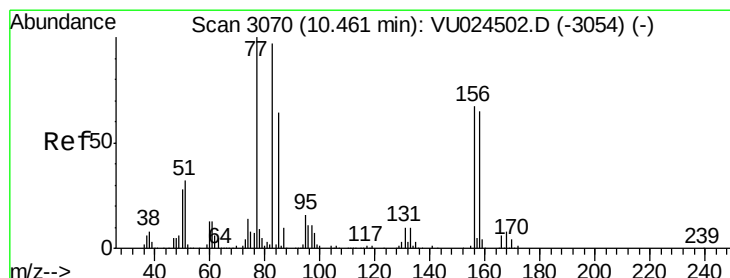
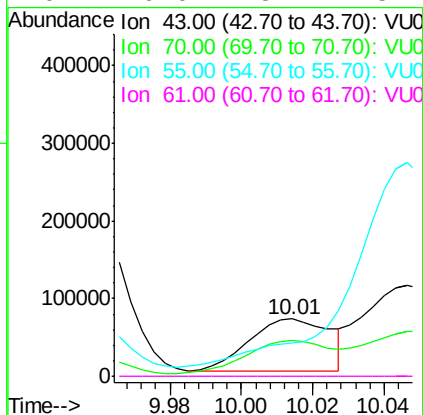
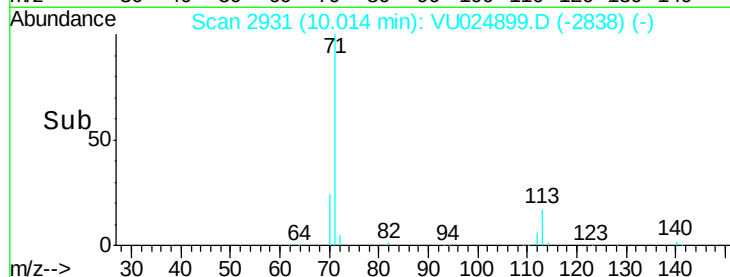
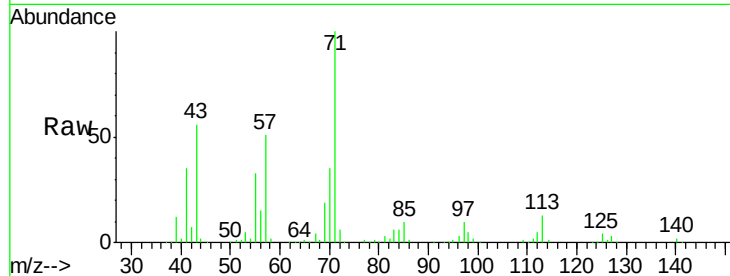
Ion Ratio Lower Upper

43 100

70 65.0 32.2 48.4#

55 0.0 20.5 30.7#

61 0.0 18.7 28.1#



#75

1,1,2,2-Tetrachloroethane

Concen: 20.14 ug/l

RT: 10.49 min Scan# 3080

Delta R.T. 0.03 min

Lab File: VU024899.D

Acq: 26 Jun 2018 01:25

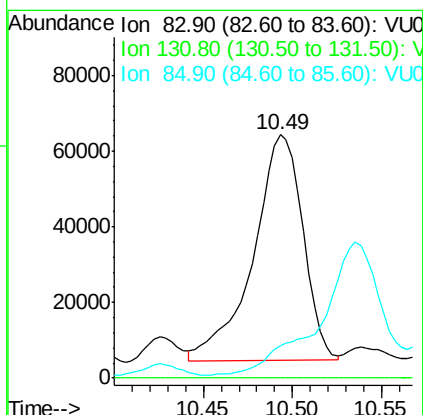
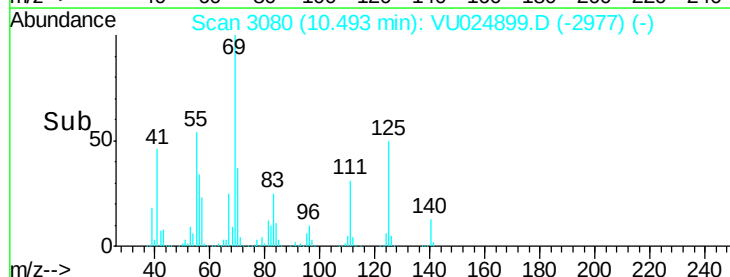
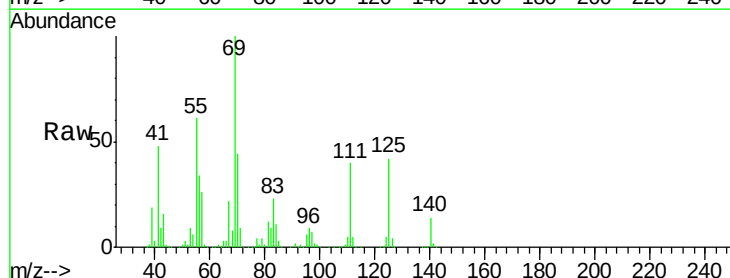
Tgt Ion: 83 Resp: 116111

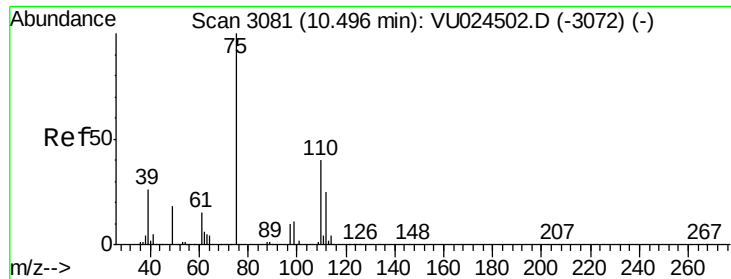
Ion Ratio Lower Upper

83 100

131 0.0 4.7 14.1#

85 0.0 32.5 97.5#





#76

1,2,3-Trichloropropane

Concen: 21.66 ug/l

RT: 10.32 min Scan# 3025

Delta R.T. -0.18 min

Lab File: VU024899.D

Acq: 26 Jun 2018 01:25

Instrument :

MSVOA_U

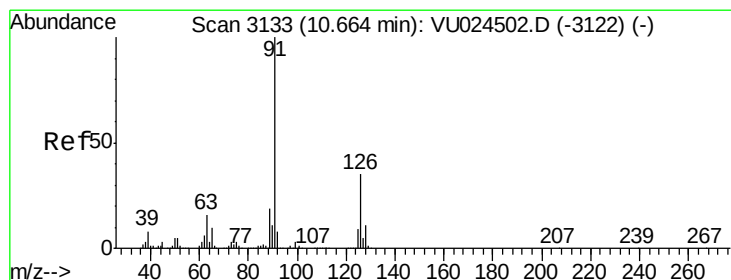
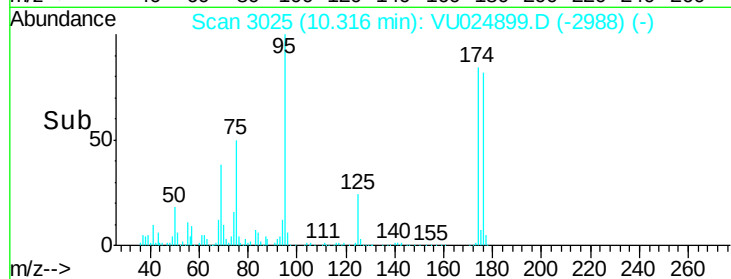
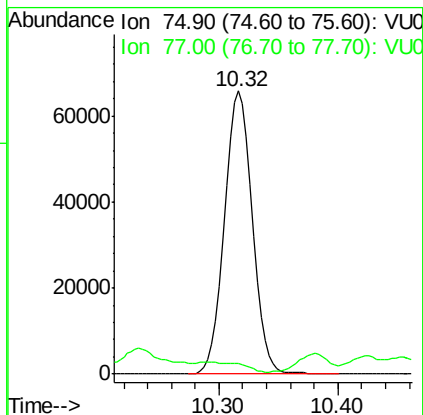
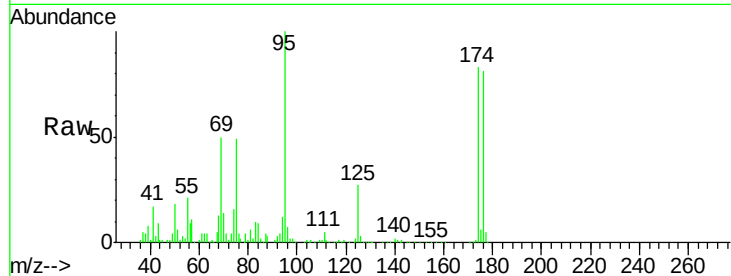
ClientSampleId :

Tot Ion: 75 Resp: 106853

Ion Ratio Lower Upper

75 100

77 0.0 20.9 62.7#



#79

2-Chlorotoluene

Concen: 0.81 ug/l

RT: 10.70 min Scan# 3143

Delta R.T. 0.03 min

Lab File: VU024899.D

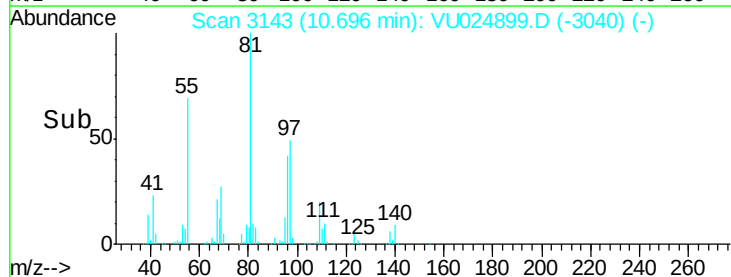
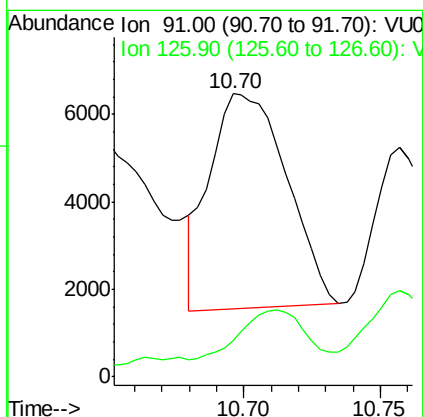
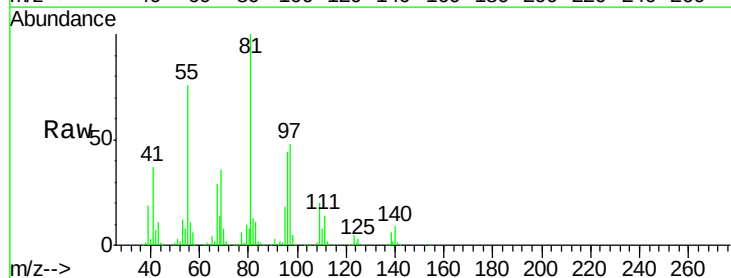
Acq: 26 Jun 2018 01:25

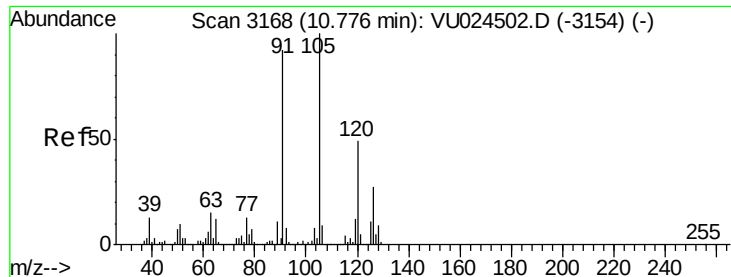
Tgt Ion: 91 Resp: 9623

Ion Ratio Lower Upper

91 100

126 20.2 16.9 50.7





#80

1,3,5-Trimethylbenzene

Concen: 0.77 ug/l

RT: 10.98 min Scan# 3231

Delta R.T. 0.20 min

Lab File: VU024899.D

Acq: 26 Jun 2018 01:25

Instrument :

MSVOA_U

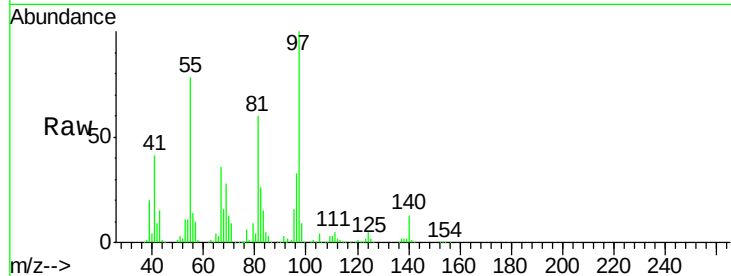
ClientSampleId :

Tot Ion:105 Resp: 11456

Ion Ratio Lower Upper

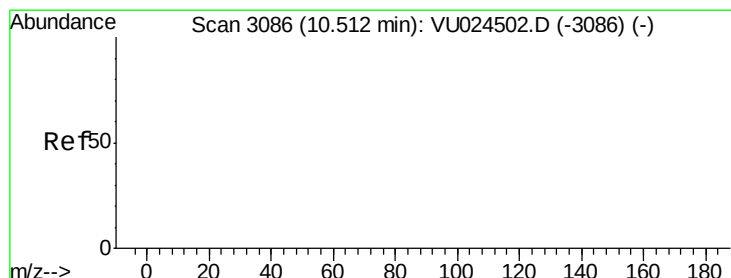
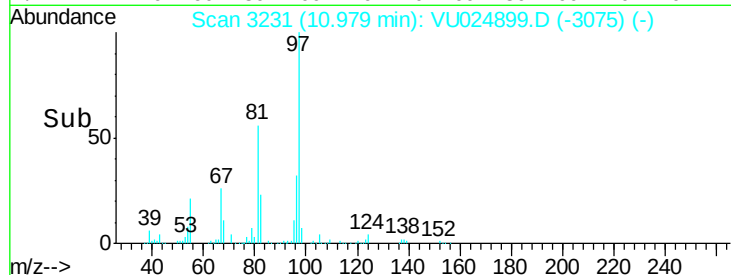
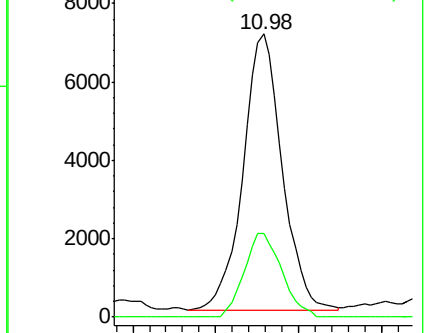
105 100

120 29.1 24.1 72.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#81

trans-1,4-Dichloro-2-butene

Concen: 50.13 ug/l

RT: 10.32 min Scan# 3025

Delta R.T. -0.20 min

Lab File: VU024899.D

Acq: 26 Jun 2018 01:25

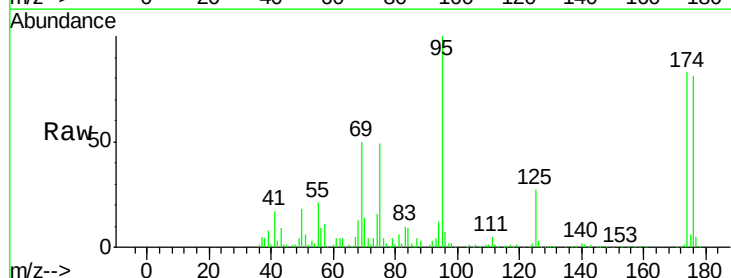
Tgt Ion: 75 Resp: 106853

Ion Ratio Lower Upper

75 100

53 0.0 0.0 0.0

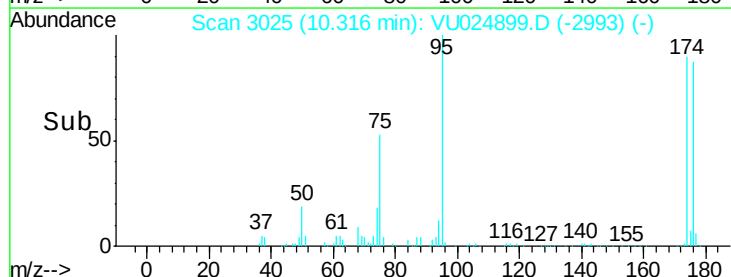
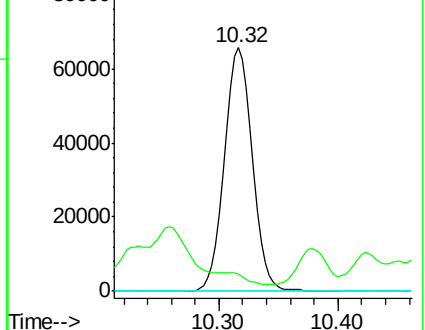
89 0.0 0.0 0.0

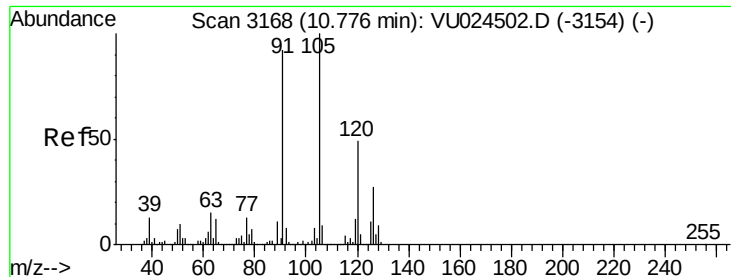


Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 53.00 (52.70 to 53.70): VU0

Ion 88.90 (88.60 to 89.60): VU0

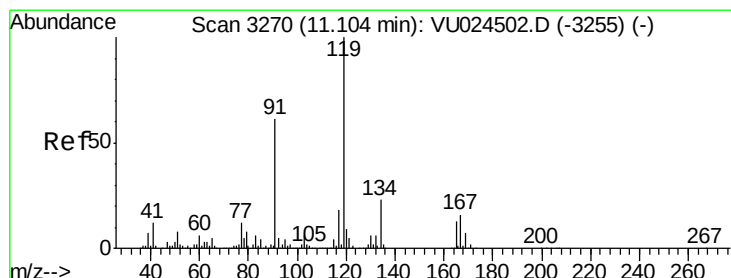
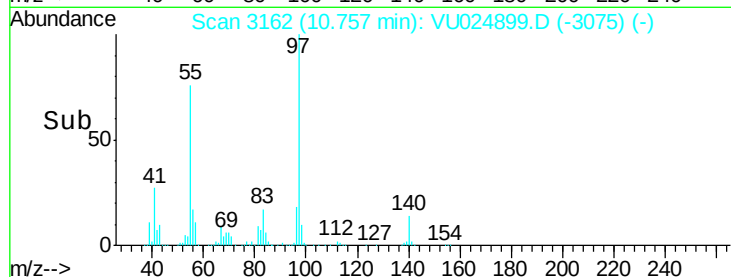
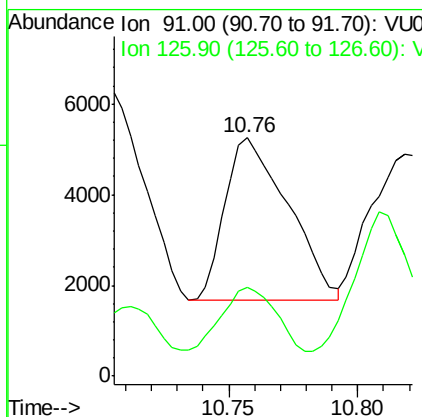
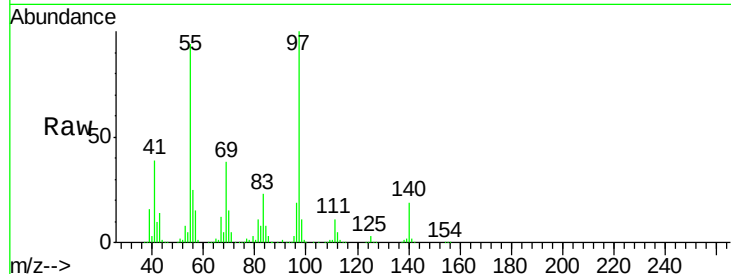




#82
4-Chlorotoluene
Concen: 0.44 ug/l
RT: 10.76 min Scan# 3162
Delta R.T. -0.02 min
Lab File: VU024899.D
Acq: 26 Jun 2018 01:25

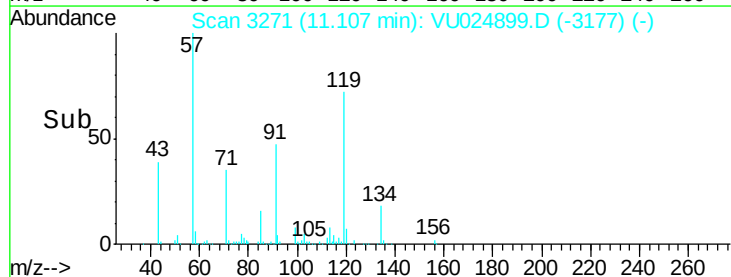
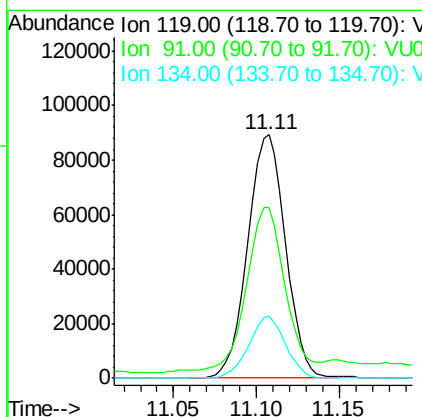
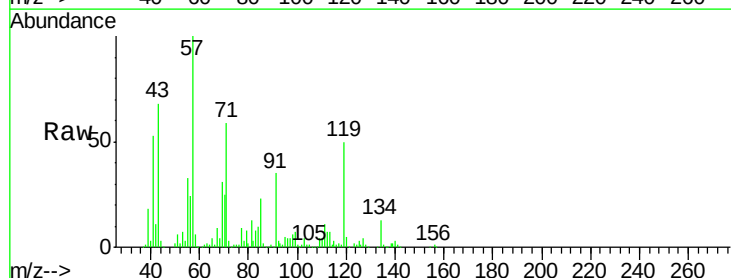
Instrument :
MSVOA_U
ClientSampleId :

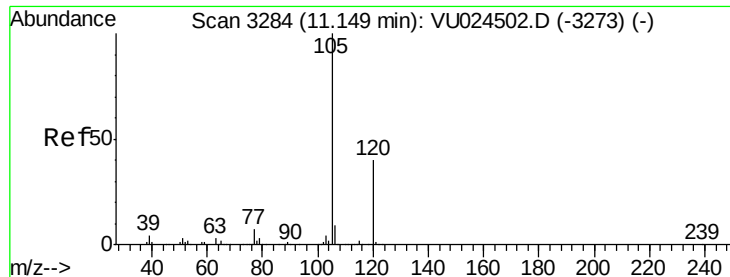
Tot Ion: 91 Resp: 6062
Ion Ratio Lower Upper
91 100
126 42.5 14.9 44.9



#83
tert-Butylbenzene
Concen: 9.89 ug/l
RT: 11.11 min Scan# 3271
Delta R.T. 0.00 min
Lab File: VU024899.D
Acq: 26 Jun 2018 01:25

Tgt Ion: 119 Resp: 141844
Ion Ratio Lower Upper
119 100
91 65.9 29.7 89.1
134 24.4 11.6 34.7

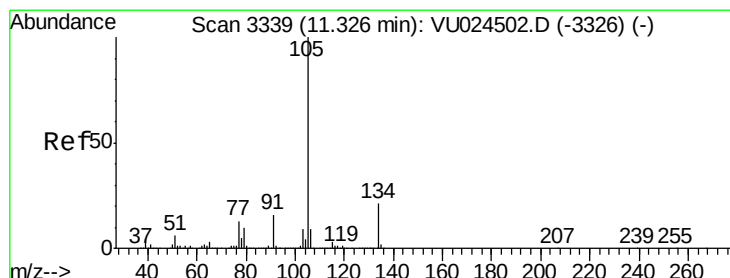
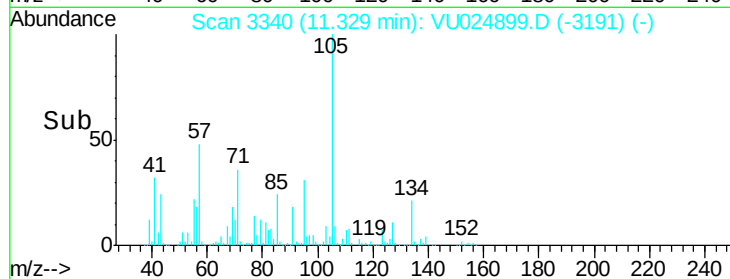
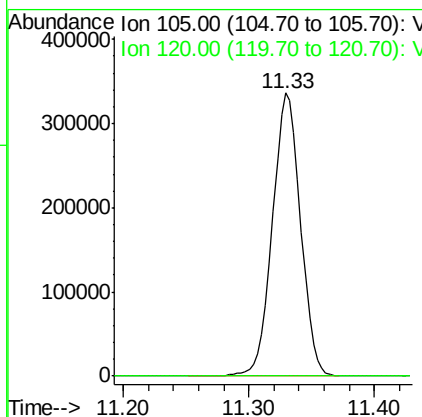
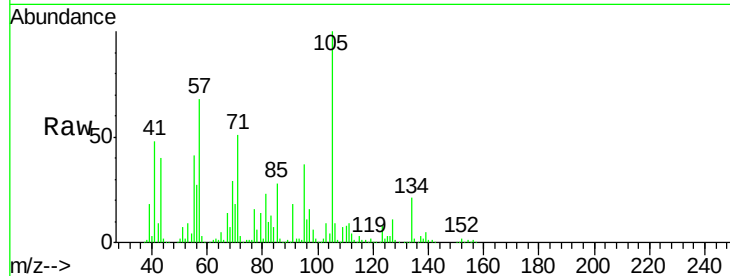




#84
 1,2,4-Trimethylbenzene
 Concen: 34.36 ug/l
 RT: 11.33 min Scan# 3340
 Delta R.T. 0.18 min
 Lab File: VU024899.D
 Acq: 26 Jun 2018 01:25

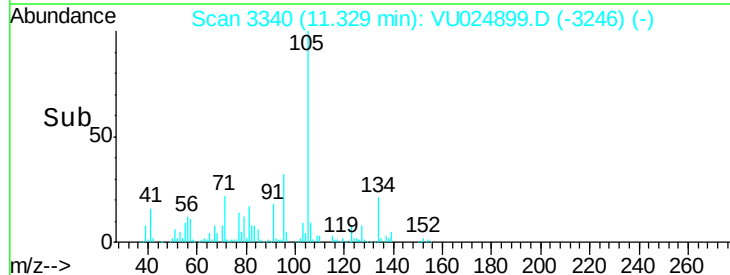
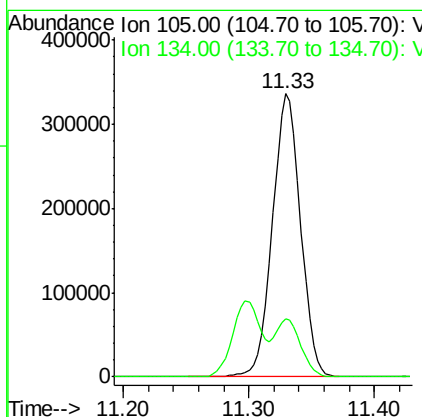
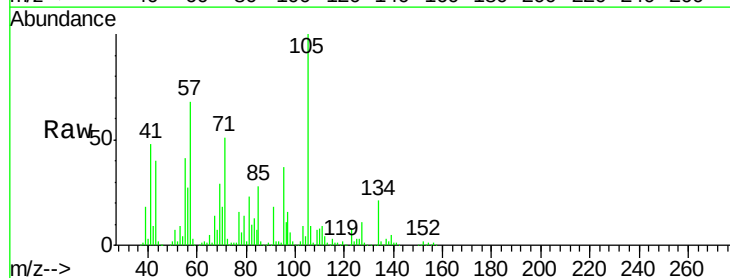
Instrument :
 MSVOA_U
 ClientSampleId :

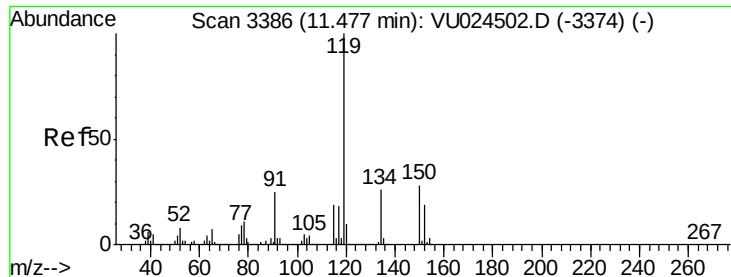
Tot Ion:105 Resp: 522095
 Ion Ratio Lower Upper
 105 100
 120 0.2 22.6 67.8#



#85
 sec-Butylbenzene
 Concen: 29.08 ug/l
 RT: 11.33 min Scan# 3340
 Delta R.T. 0.00 min
 Lab File: VU024899.D
 Acq: 26 Jun 2018 01:25

Tgt Ion:105 Resp: 522095
 Ion Ratio Lower Upper
 105 100
 134 18.7 9.7 29.1

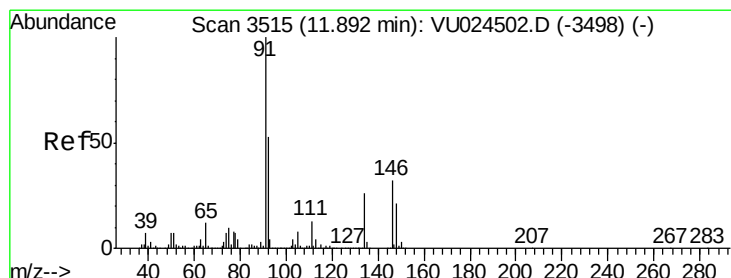
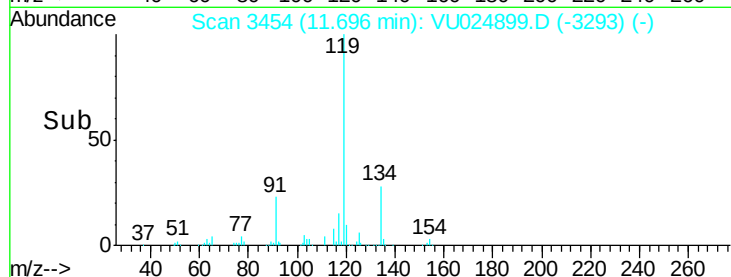
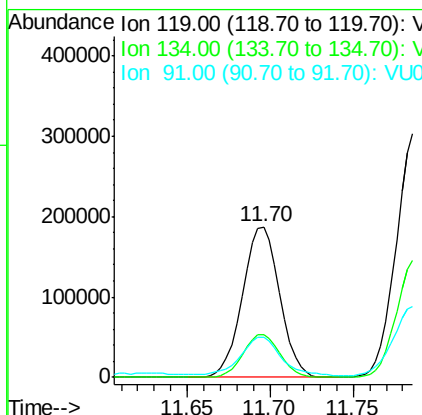
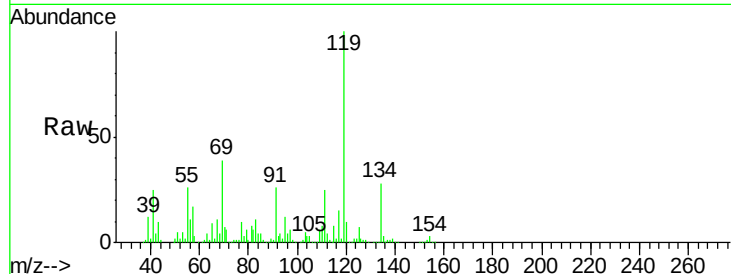




#86
 p-Isopropyltoluene
 Concen: 18.10 ug/l
 RT: 11.70 min Scan# 3454
 Delta R.T. 0.22 min
 Lab File: VU024899.D
 Acq: 26 Jun 2018 01:25

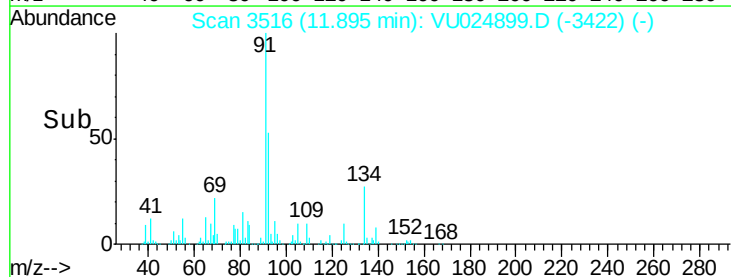
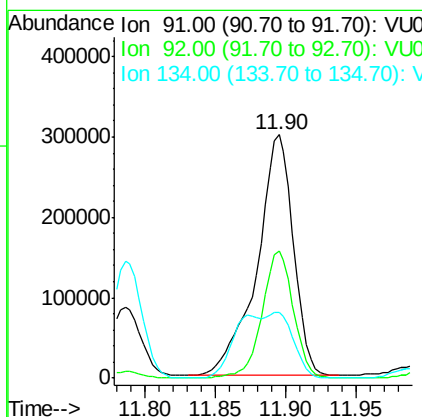
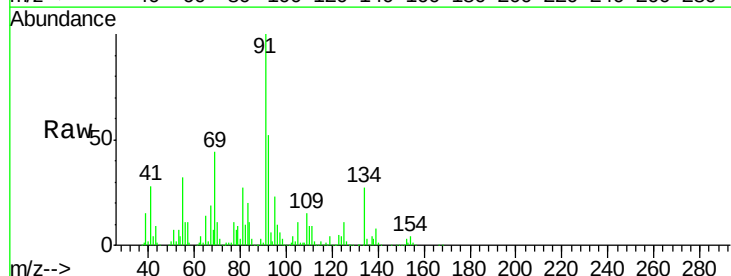
Instrument :
 MSVOA_U
 ClientSampled :

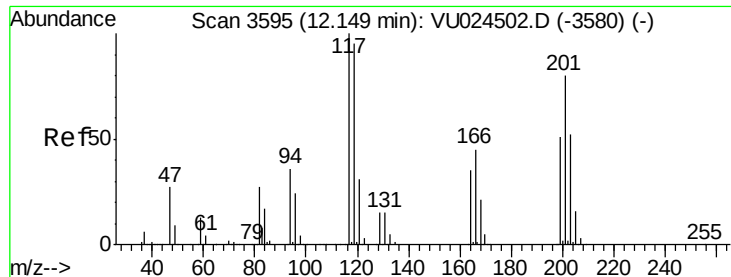
Tot Ion	Ratio	Lower	Upper
119	100		
134	28.2	12.9	38.6
91	27.6	12.0	36.1



#89
 n-Butylbenzene
 Concen: 37.79 ug/l
 RT: 11.90 min Scan# 3516
 Delta R.T. 0.00 min
 Lab File: VU024899.D
 Acq: 26 Jun 2018 01:25

Tgt Ion	Ratio	Lower	Upper
91	100		
92	45.0	25.6	76.8
134	0.0	12.3	36.8#





#90

Hexachloroethane

Concen: 72.23 ug/l

RT: 12.26 min Scan# 3628

Delta R.T. 0.11 min

Lab File: VU024899.D

Acq: 26 Jun 2018 01:25

Instrument :

MSVOA_U

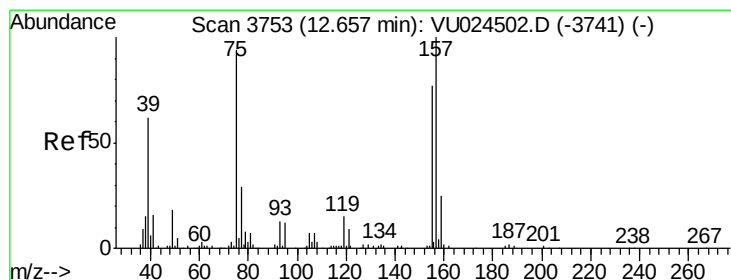
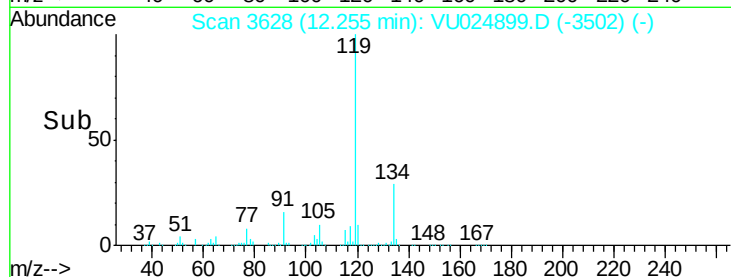
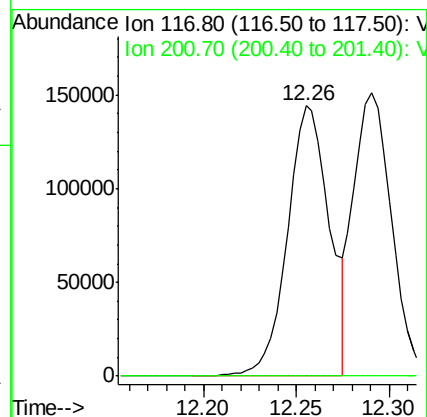
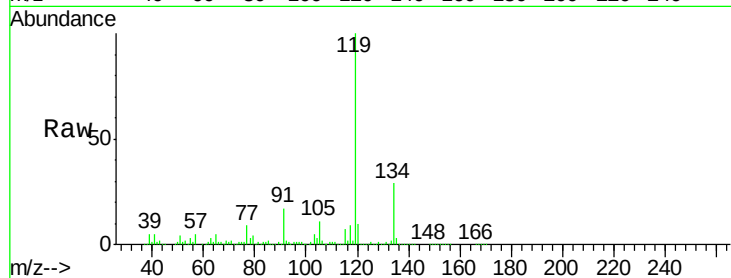
ClientSampleId :

Tot Ion:117 Resp: 226555

Ion Ratio Lower Upper

117 100

201 0.0 41.1 123.3#



#92

1,2-Dibromo-3-Chloropropane

Concen: 13.01 ug/l

RT: 12.65 min Scan# 3752

Delta R.T. -0.00 min

Lab File: VU024899.D

Acq: 26 Jun 2018 01:25

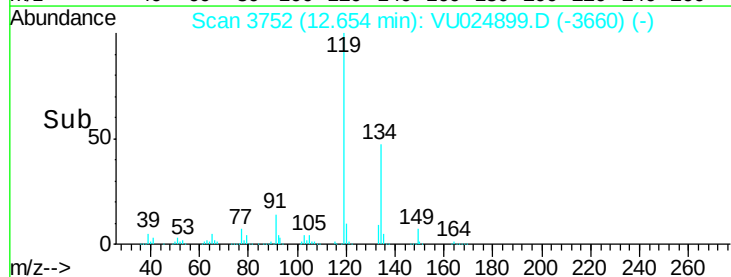
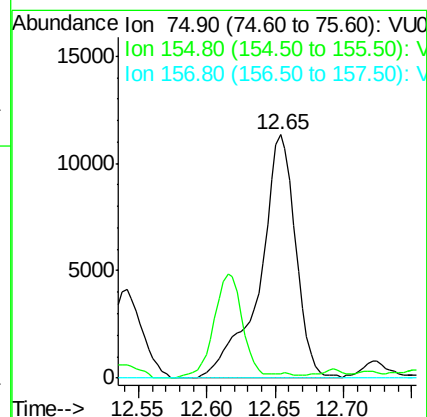
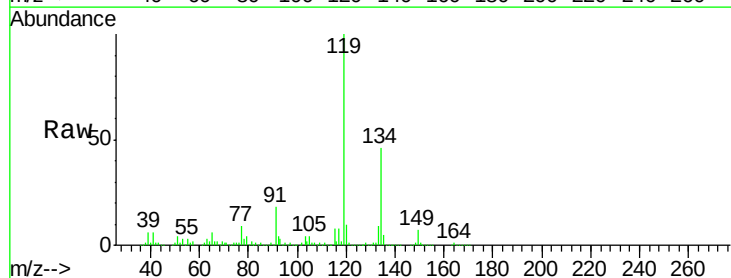
Tgt Ion: 75 Resp: 20688

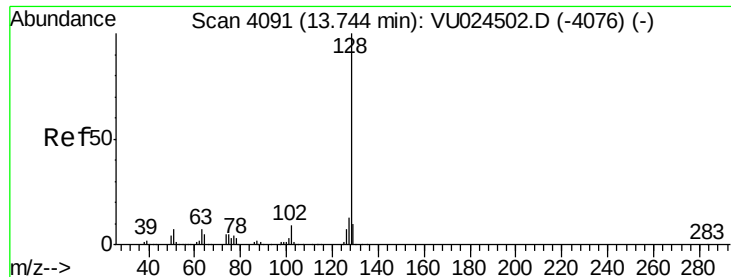
Ion Ratio Lower Upper

75 100

155 0.0 40.4 121.2#

157 0.0 52.3 156.8#





#95

Naphthalene

Concen: 2.15 ug/l

RT: 13.73 min Scan# 4088

Delta R.T. -0.01 min

Lab File: VU024899.D

Acq: 26 Jun 2018 01:25

Instrument :

MSVOA_U

ClientSampleId :

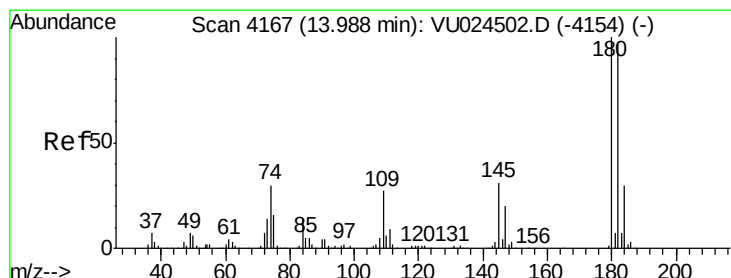
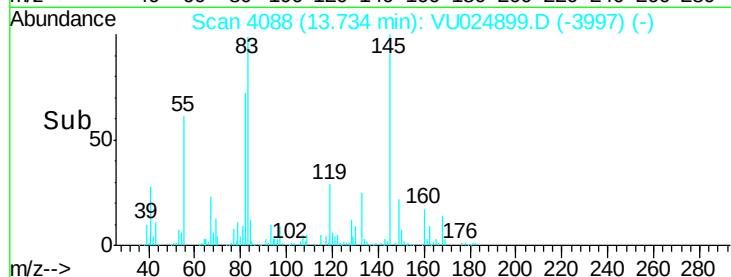
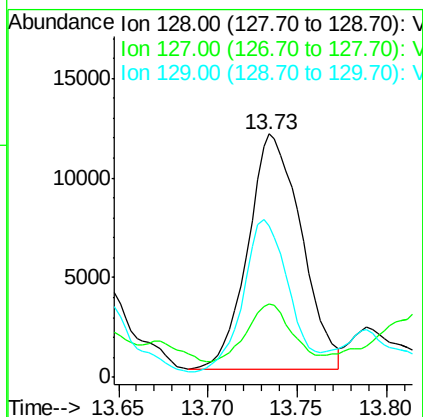
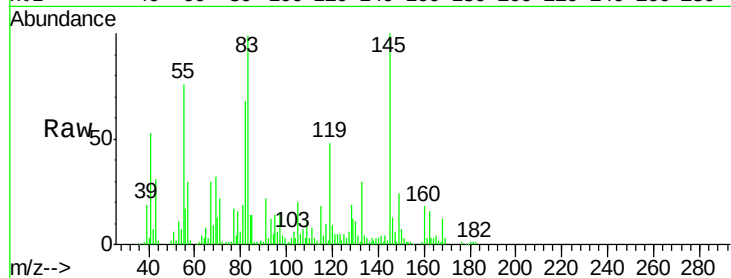
Tot Ion:128 Resp: 24572

Ion Ratio Lower Upper

128 100

127 20.3 10.6 16.0#

129 56.1 8.6 12.8#



#96

1,2,3-Trichlorobenzene

Concen: 0.67 ug/l

RT: 14.02 min Scan# 4177

Delta R.T. 0.03 min

Lab File: VU024899.D

Acq: 26 Jun 2018 01:25

Tgt Ion:180 Resp: 3332

Ion Ratio Lower Upper

180 100

182 11.3 47.9 143.7#

145 1031.9 15.4 46.1#

