

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU070318\
 Data File : VU025194.D
 Acq On : 03 Jul 2018 17:04
 Operator : MD/SY
 Sample : J3783-01
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jul 04 04:59:13 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	205377	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	309199	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	290855	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	163828	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	154769	46.16	ug/l	0.00
Spiked Amount			Recovery	=	92.32%	
35) Dibromofluoromethane	4.89	113	118778	46.29	ug/l	0.00
Spiked Amount			Recovery	=	92.58%	
50) Toluene-d8	7.57	98	445260	47.57	ug/l	0.00
Spiked Amount			Recovery	=	95.14%	
62) 4-Bromofluorobenzene	10.31	95	172552	46.43	ug/l	0.00
Spiked Amount			Recovery	=	92.86%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.33	50	627	0.239	ug/l #	78
5) Bromomethane	1.64	94	377	0.288	ug/l	93
6) Chloroethane	1.69	64	253	Below Cal	#	43
10) Methyl Iodide	2.42	142	23	5.298	ug/l #	40
11) Tert butyl alcohol	2.82	59	284857	349.331	ug/l	100
13) Acrolein	2.17	56	102	0.238	ug/l #	1
14) Allyl chloride	2.71	41	36653	8.441	ug/l #	58
15) Acrylonitrile	3.00	53	549	0.346	ug/l #	27
16) Acetone	2.32	43	8171	4.536	ug/l	97
18) Methyl Acetate	2.71	43	89499	23.174	ug/l #	53
20) Methylene Chloride	2.70	84	1573	0.556	ug/l #	4
25) 2-Butanone	4.28	43	934	0.386	ug/l #	84
31) Cyclohexane	5.00	56	42185	7.933	ug/l #	89
36) 1,1-Dichloropropene	4.99	75	15403	4.239	ug/l #	52
38) Carbon Tetrachloride	4.99	117	20055	5.019	ug/l #	16
39) Methylcyclohexane	6.42	83	12807	2.825	ug/l #	87
40) Benzene	5.39	78	6871906	663.759	ug/l	99
42) 1,2-Dichloroethane	5.39	62	63039	15.987	ug/l #	77
43) Isopropyl Acetate	5.54	43	10401	1.519	ug/l #	62
48) Methyl methacrylate	6.59	41	2595	0.779	ug/l #	27
51) 4-Methyl-2-Pentanone	7.46	43	11273	2.621	ug/l	91
52) Toluene	7.64	92	47943	7.198	ug/l	97
55) 1,1,2-Trichloroethane	8.05	97	710	0.262	ug/l #	23
59) 2-Hexanone	8.40	43	29166	8.307	ug/l	75
67) Ethyl Benzene	9.25	91	1202805	92.340	ug/l	98
68) m/p-Xylenes	9.38	106	266872	53.354	ug/l	99
69) o-Xylene	9.78	106	19773	3.994	ug/l	99
73) Isopropylbenzene	10.17	105	51517	4.096	ug/l	99
76) 1,2,3-Trichloropropane	10.31	75	89965	24.942	ug/l #	36
78) n-propylbenzene	10.59	91	20265	1.368	ug/l	97
79) 2-Chlorotoluene	10.71	91	3884	0.445	ug/l #	41
80) 1,3,5-Trimethylbenzene	10.78	105	28309	2.597	ug/l	97
81) trans-1,4-Dichloro-2-buten	10.31	75	89965	57.727	ug/l #	100
82) 4-Chlorotoluene	10.78	91	3234	0.318	ug/l #	45

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QLast Update : Wed Jun 13 13:55:26 2018
Response via : Initial Calibration

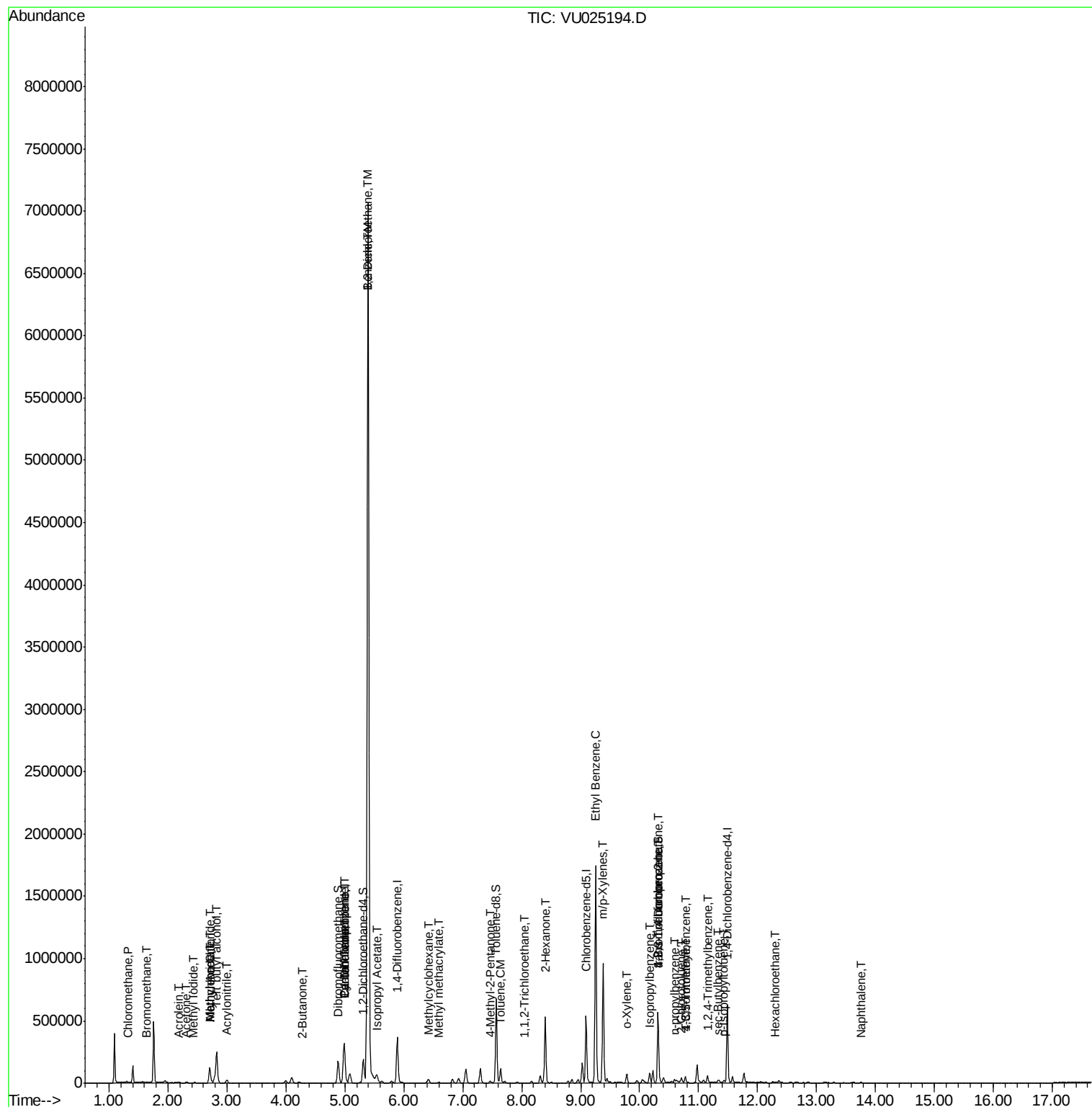
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
84) 1,2,4-Trimethylbenzene	11.15	105	32295	2.907	ug/l	99
85) sec-Butylbenzene	11.33	105	2671	0.203	ug/l	90
86) p-Isopropyltoluene	11.43	119	2785	0.237	ug/l	89
90) Hexachloroethane	12.29	117	1581	0.689	ug/l #	8
95) Naphthalene	13.75	128	3710	0.983	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# 1367

Delta R.T. -0.00 min

Lab File: VU025194.D

Acq: 03 Jul 2018 17:04

Instrument :

MSVOA_U

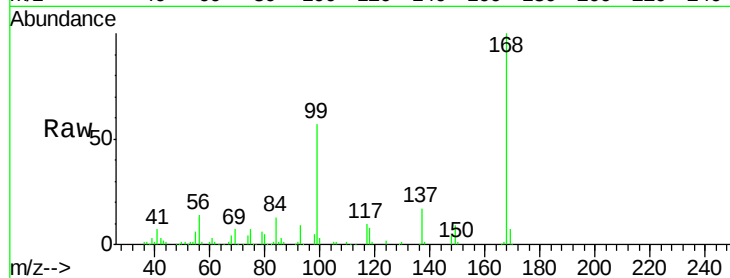
ClientSampleId :

Tot Ion:168 Resp: 205377

Ion Ratio Lower Upper

168 100

99 56.7 43.2 64.8



Abundance Ion 167.90 (167.60 to 168.60): VU025194.D (-1275) (-)

Ion 98.90 (98.60 to 99.60): VU025194.D (-1275) (-)

4.99

100000

80000

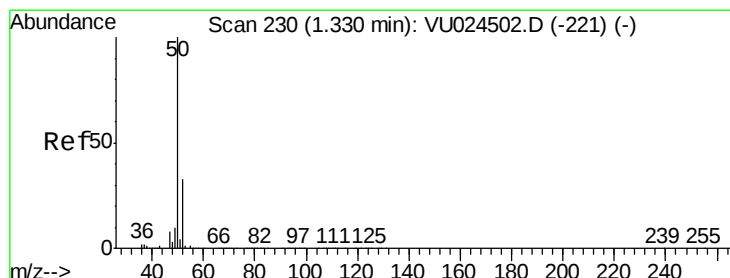
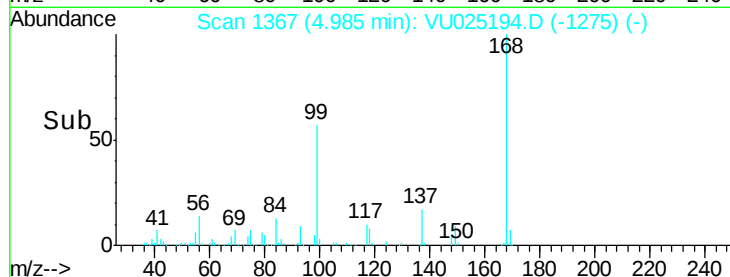
60000

40000

20000

0

Time-->



#3

Chloromethane

Concen: 0.239 ug/l

RT: 1.33 min Scan# 230

Delta R.T. 0.00 min

Lab File: VU025194.D

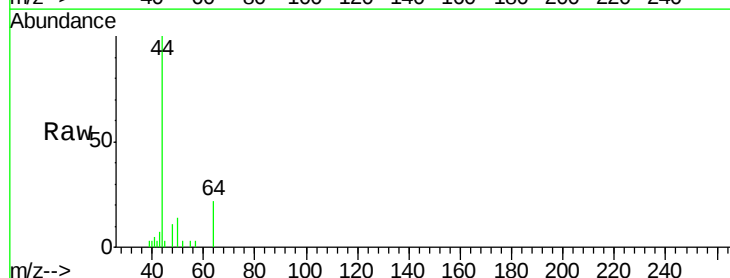
Acq: 03 Jul 2018 17:04

Tgt Ion: 50 Resp: 627

Ion Ratio Lower Upper

50 100

52 20.6 26.4 39.6#



Abundance Ion 49.90 (49.60 to 50.60): VU025194.D (-137) (-)

Ion 51.90 (51.60 to 52.60): VU025194.D (-137) (-)

1.33

600

500

400

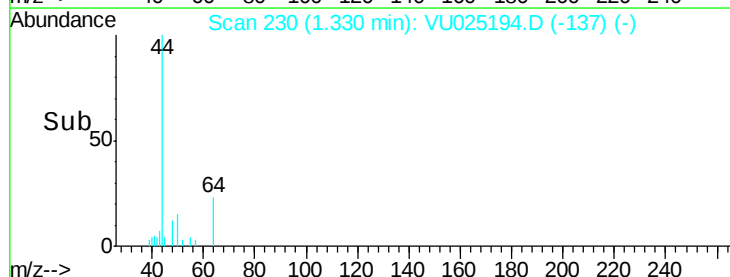
300

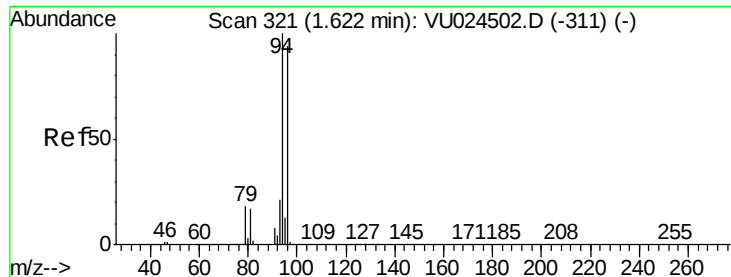
200

100

0

Time-->





#5

Bromomethane

Concen: 0.288 ug/l

RT: 1.64 min Scan# 325

Delta R.T. 0.01 min

Lab File: VU025194.D

Acq: 03 Jul 2018 17:04

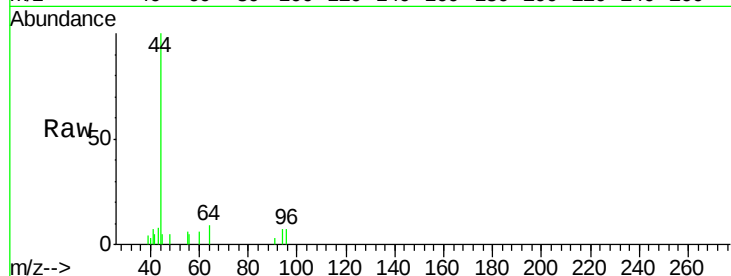
Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 94 Resp: 377

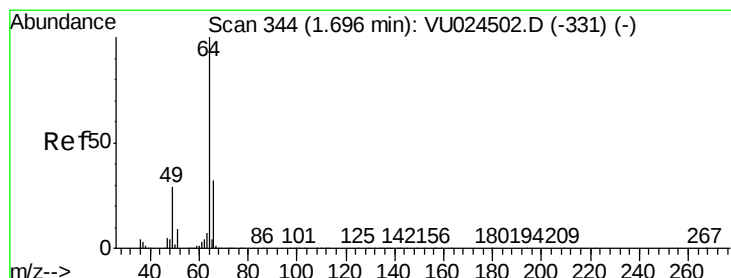
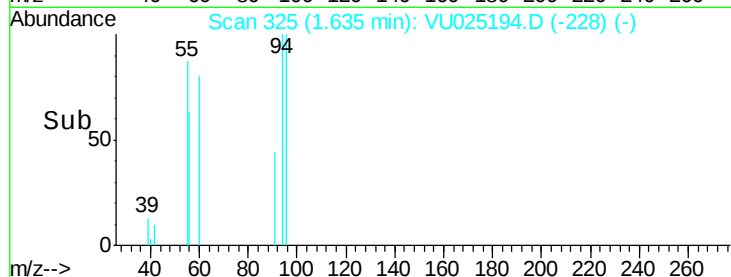
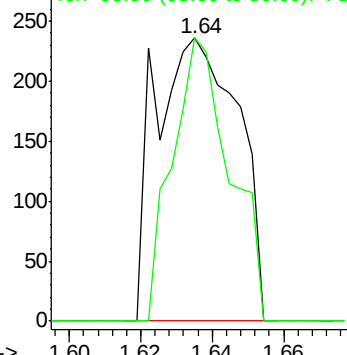
Ion Ratio Lower Upper

94 100

96 100.0 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: Below Cal

RT: 1.69 min Scan# 343

Delta R.T. -0.00 min

Lab File: VU025194.D

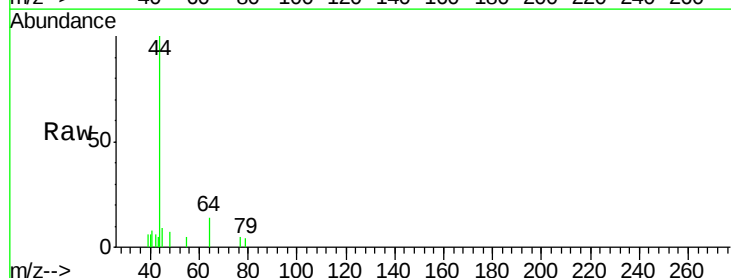
Acq: 03 Jul 2018 17:04

Tgt Ion: 64 Resp: 253

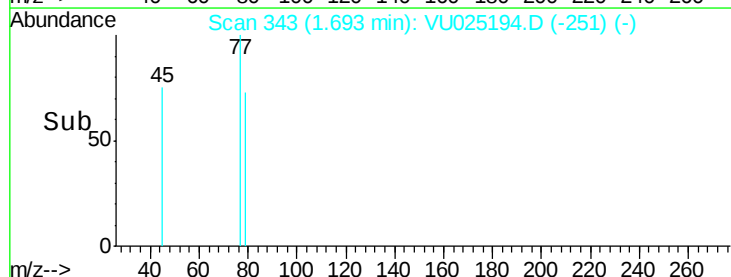
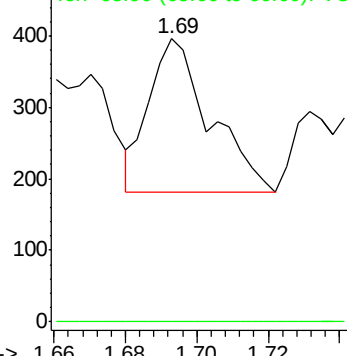
Ion Ratio Lower Upper

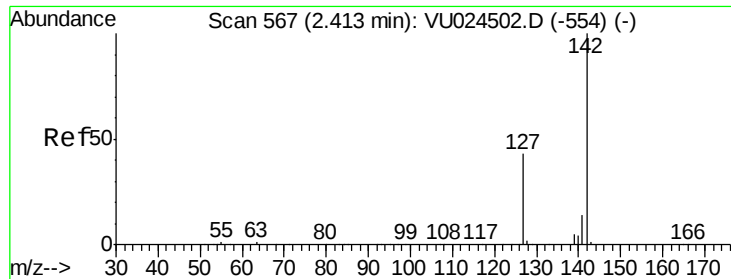
64 100

66 0.0 25.5 38.3#



Abundance Ion 63.90 (63.60 to 64.60): VU0
Ion 65.90 (65.60 to 66.60): VU0

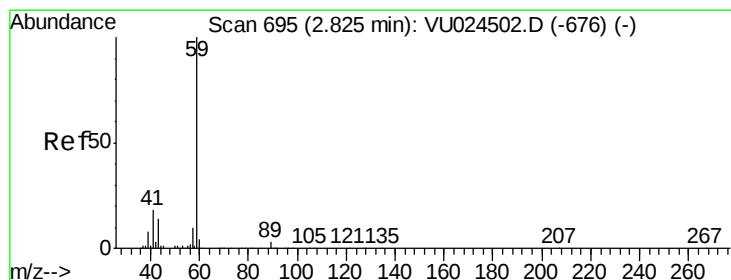
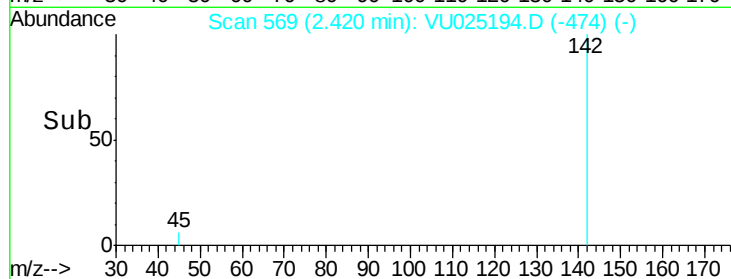
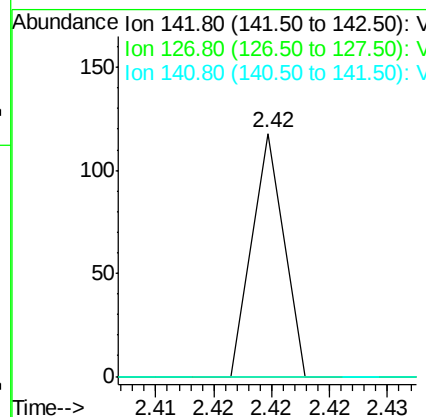
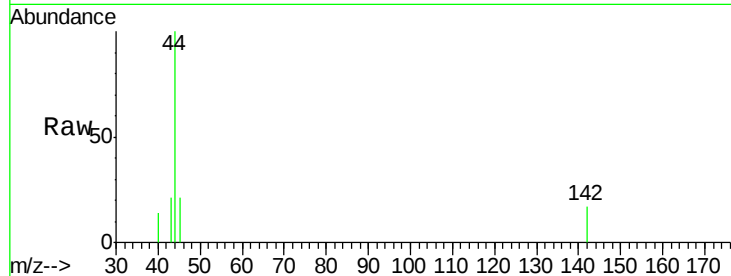




#10
Methvl Iodide
Concen: 5.298 ug/l
RT: 2.42 min Scan# 569
Delta R.T. 0.01 min
Lab File: VU025194.D
Acq: 03 Jul 2018 17:04

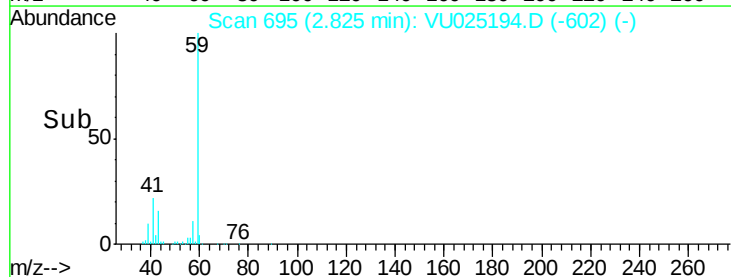
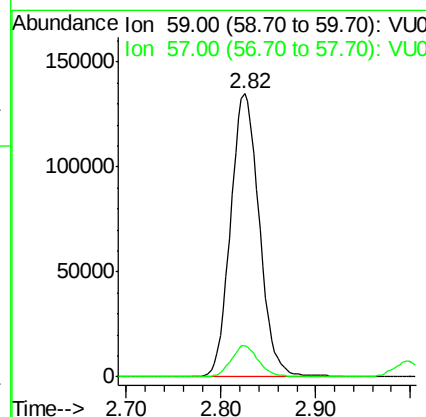
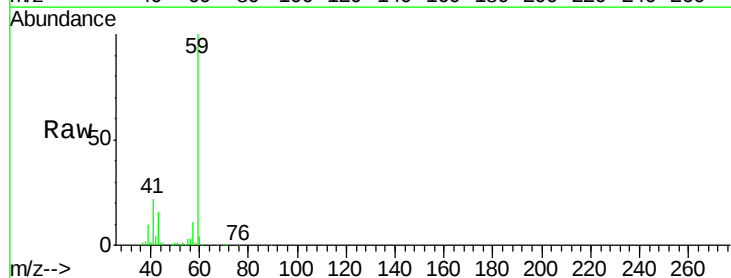
Instrument :
MSVOA_U
ClientSampleId :

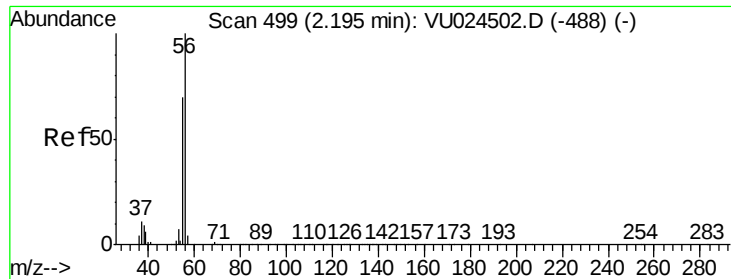
Tot Ion:142 Resp: 23
Ion Ratio Lower Upper
142 100
127 0.0 35.6 53.4#
141 0.0 11.7 17.5#



#11
Tert butyl alcohol
Concen: 349.331 ug/l
RT: 2.82 min Scan# 695
Delta R.T. 0.00 min
Lab File: VU025194.D
Acq: 03 Jul 2018 17:04

Tgt Ion: 59 Resp: 284857
Ion Ratio Lower Upper
59 100
57 10.6 8.5 12.7





#13

Acrolein

Concen: 0.238 ug/l

RT: 2.17 min Scan# 492

Delta R.T. -0.02 min

Lab File: VU025194.D

Acq: 03 Jul 2018 17:04

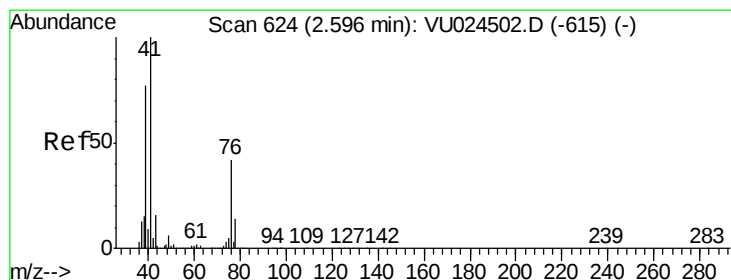
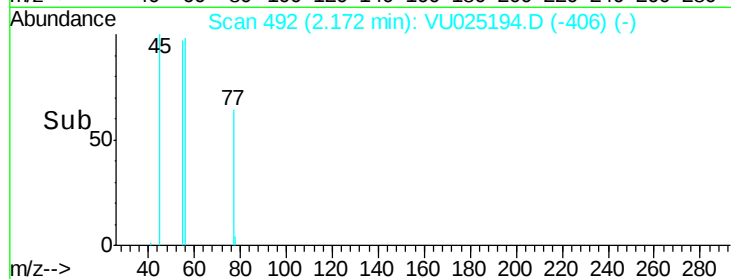
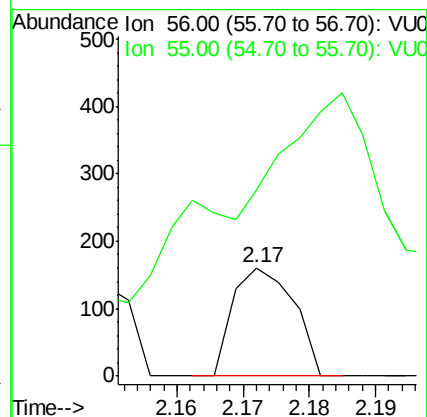
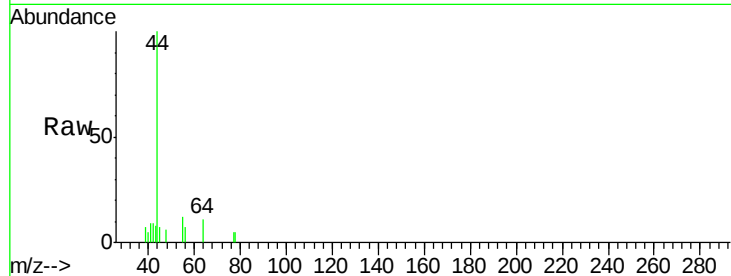
Instrument :
MSVOA_U
ClientSampled :

Tot Ion: 56 Resp: 102

Ion Ratio Lower Upper

56 100

55 479.4 58.4 87.6#



#14

Allyl chloride

Concen: 8.441 ug/l

RT: 2.71 min Scan# 658

Delta R.T. 0.11 min

Lab File: VU025194.D

Acq: 03 Jul 2018 17:04

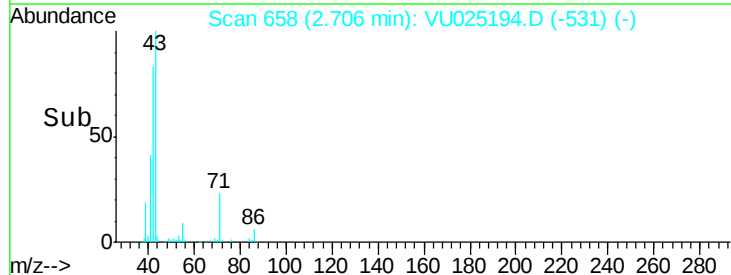
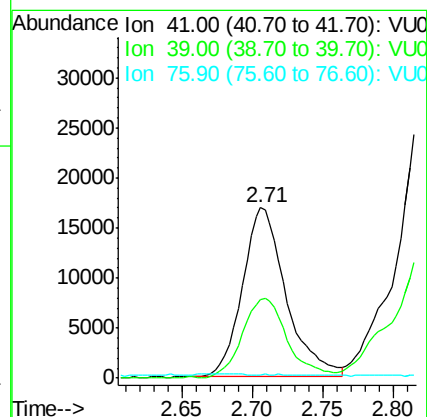
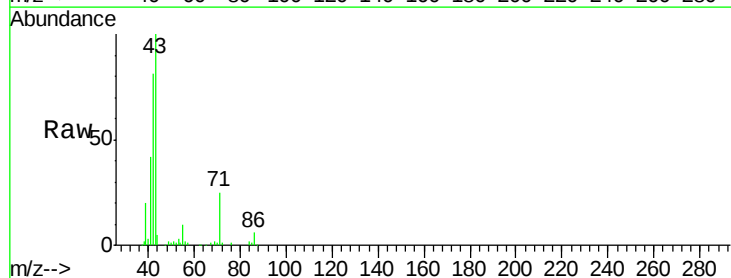
Tgt Ion: 41 Resp: 36653

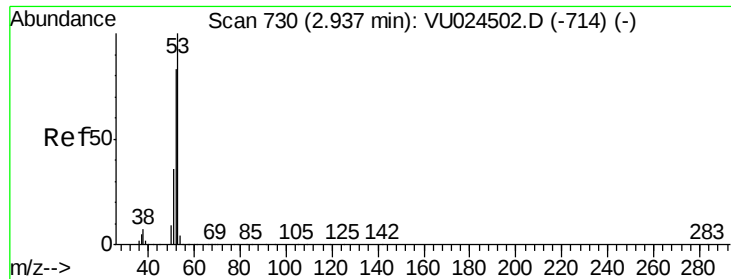
Ion Ratio Lower Upper

41 100

39 48.8 61.6 92.4#

76 0.0 29.7 44.5#





#15

Acrylonitrile

Concen: 0.346 ug/l

RT: 3.00 min Scan# 749

Delta R.T. 0.06 min

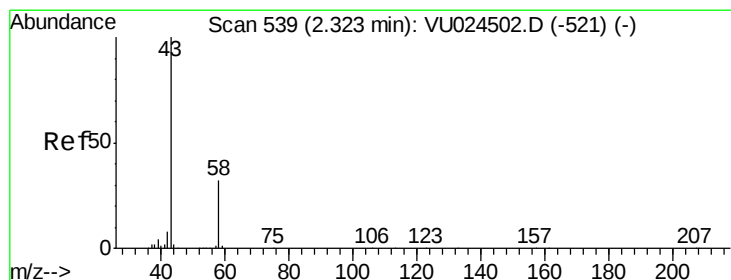
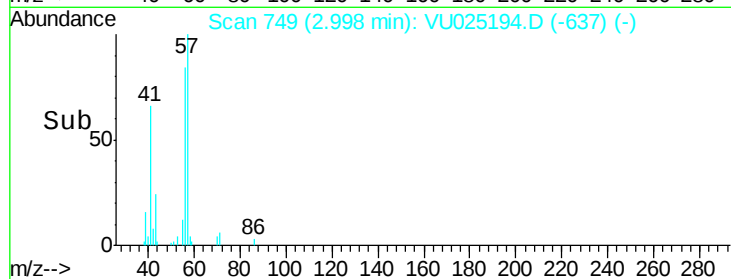
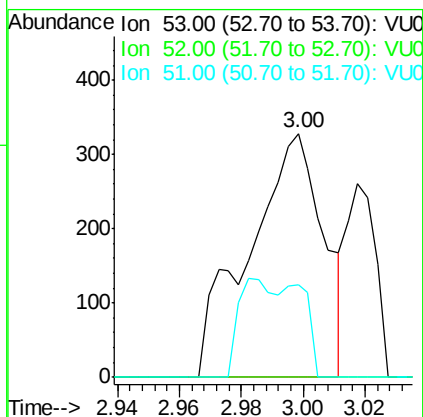
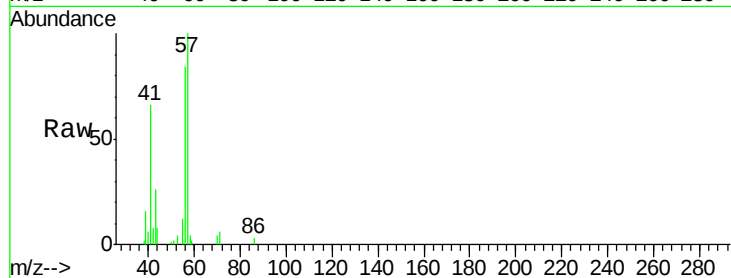
Lab File: VU025194.D

Acq: 03 Jul 2018 17:04

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 53 Resp: 549

Ion	Ratio	Lower	Upper
53	100		
52	0.0	67.1	100.7#
51	20.8	28.4	42.6#



#16

Acetone

Concen: 4.536 ug/l

RT: 2.32 min Scan# 539

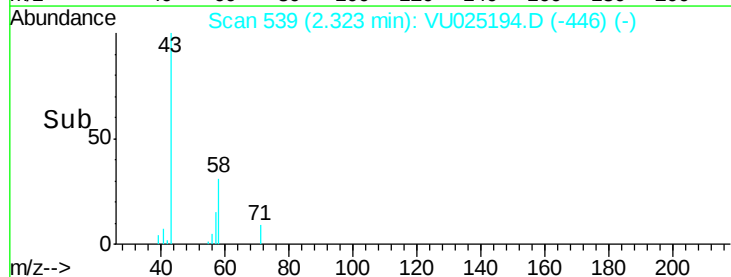
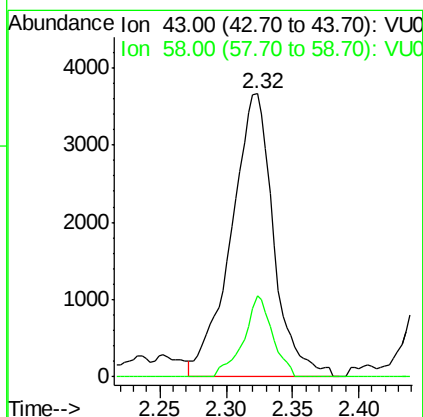
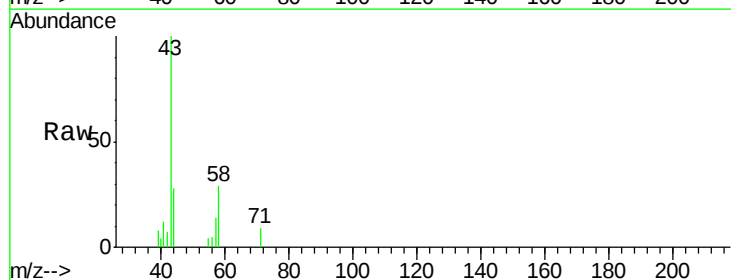
Delta R.T. 0.00 min

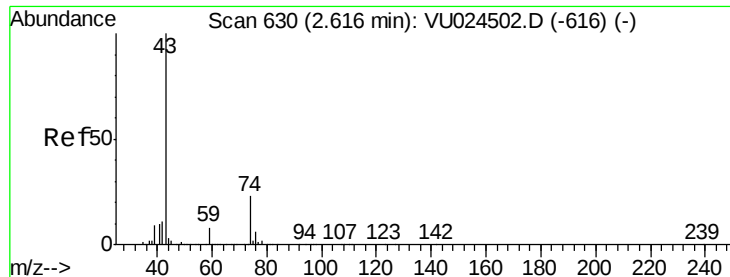
Lab File: VU025194.D

Acq: 03 Jul 2018 17:04

Tgt Ion: 43 Resp: 8171

Ion	Ratio	Lower	Upper
43	100		
58	28.6	24.4	36.6

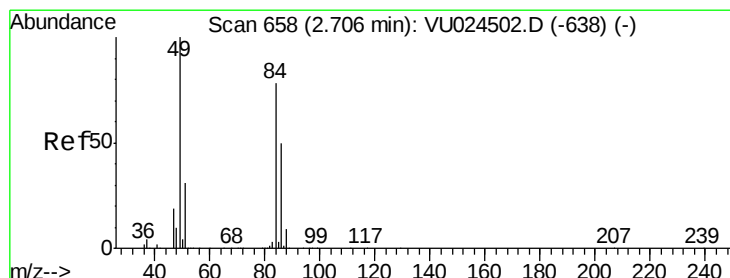
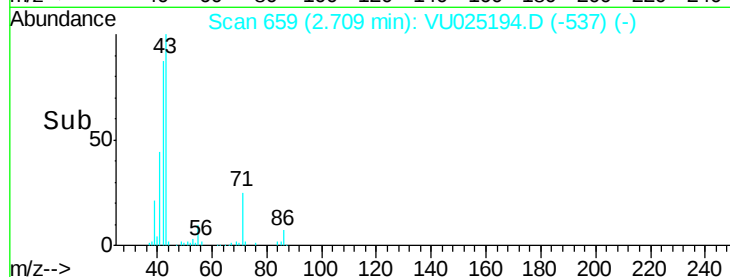
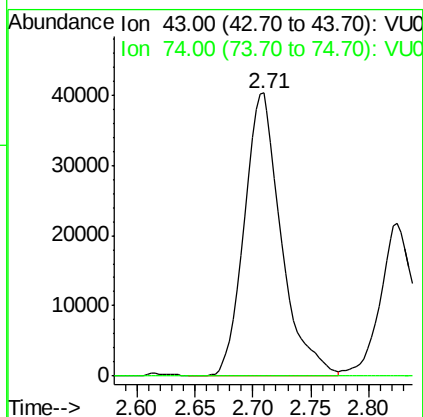
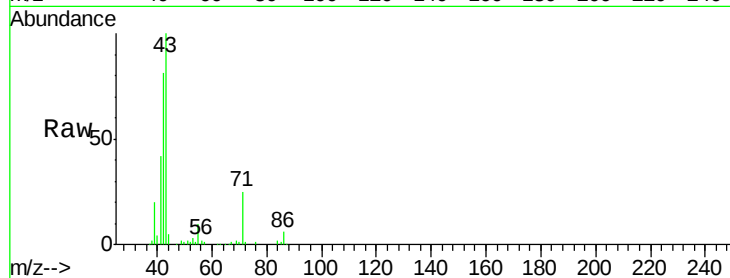




#18
Methvl Acetate
Concen: 23.174 ug/l
RT: 2.71 min Scan# 659
Delta R.T. 0.09 min
Lab File: VU025194.D
Acq: 03 Jul 2018 17:04

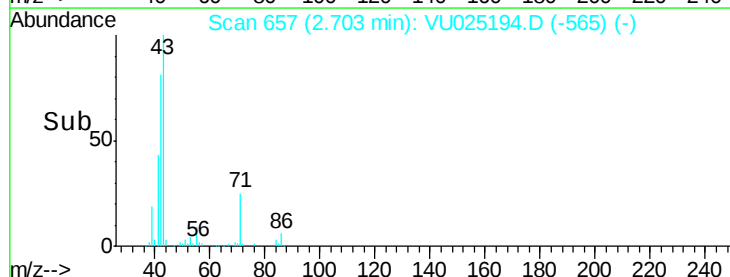
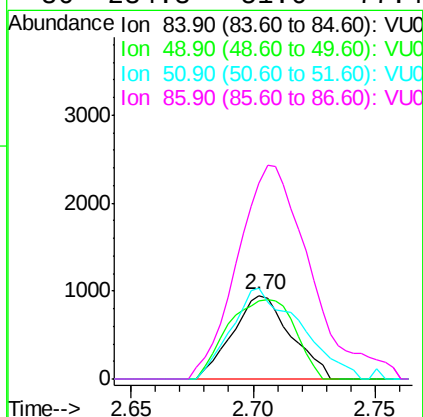
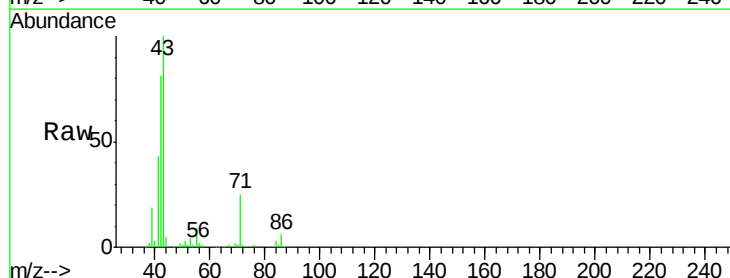
Instrument :
MSVOA_U
ClientSampleId :

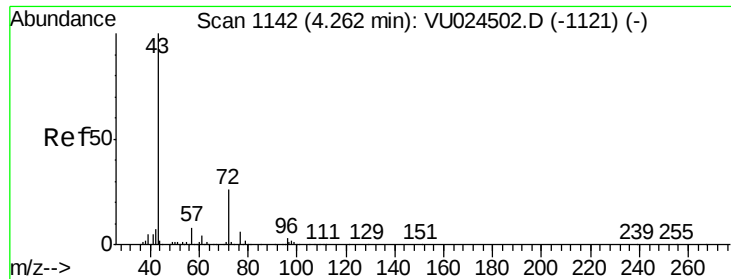
Tot Ion: 43 Resp: 89499
Ion Ratio Lower Upper
43 100
74 0.0 18.0 27.0#



#20
Methylene Chloride
Concen: 0.556 ug/l
RT: 2.70 min Scan# 657
Delta R.T. -0.00 min
Lab File: VU025194.D
Acq: 03 Jul 2018 17:04

Tgt Ion: 84 Resp: 1573
Ion Ratio Lower Upper
84 100
49 92.9 103.8 155.8#
51 108.2 32.0 48.0#
86 234.3 51.6 77.4#

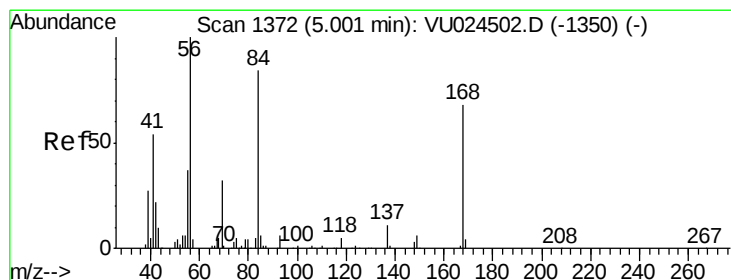
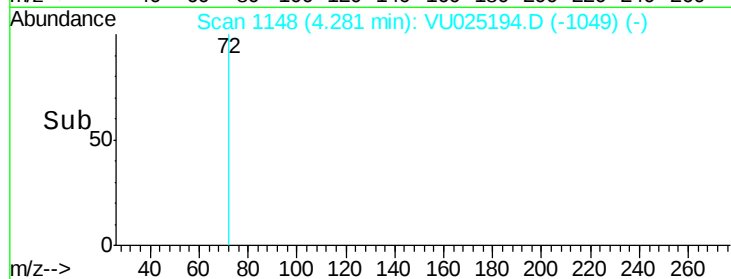
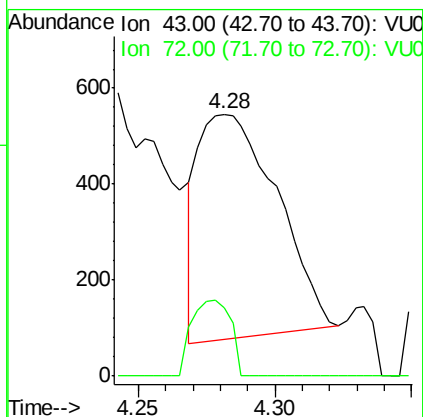
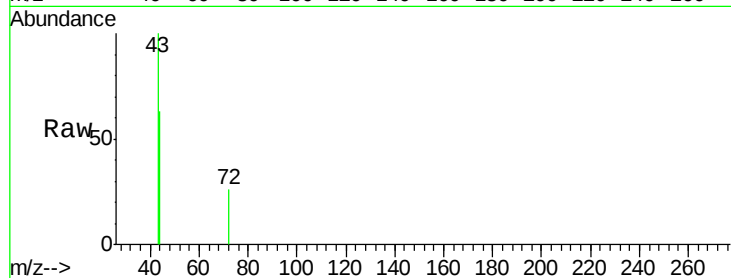




#25
2-Butanone
Concen: 0.386 ug/l
RT: 4.28 min Scan# 1148
Delta R.T. 0.02 min
Lab File: VU025194.D
Acq: 03 Jul 2018 17:04

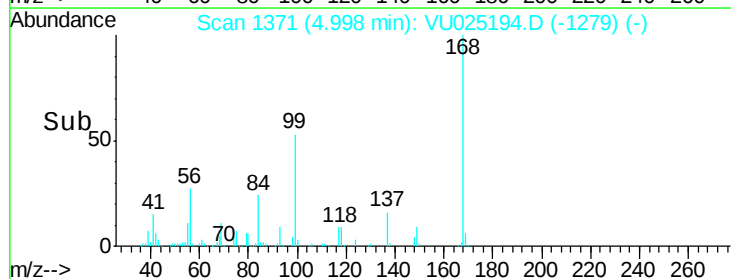
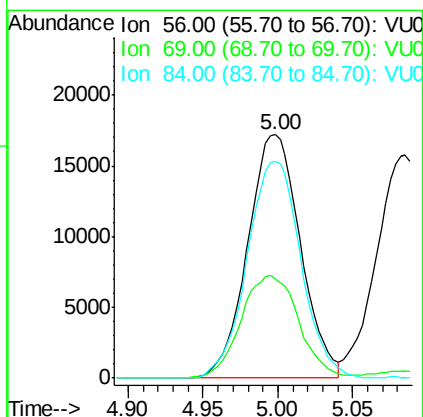
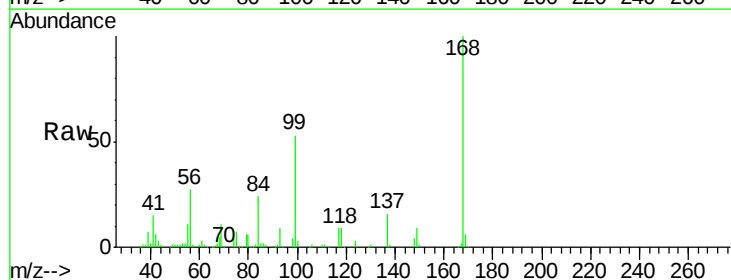
Instrument :
MSVOA_U
ClientSampleId :

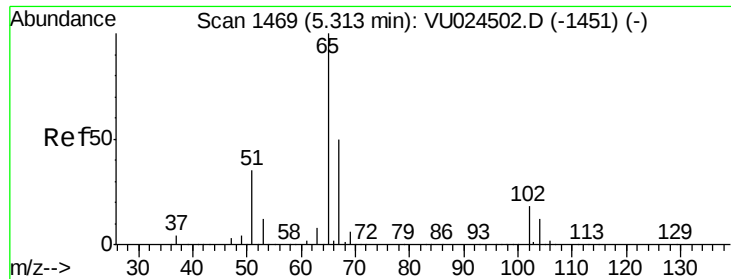
Tot Ion: 43 Resp: 934
Ion Ratio Lower Upper
43 100
72 32.4 19.6 29.4#



#31
Cyclohexane
Concen: 7.933 ug/l
RT: 5.00 min Scan# 1371
Delta R.T. -0.00 min
Lab File: VU025194.D
Acq: 03 Jul 2018 17:04

Tgt Ion: 56 Resp: 42185
Ion Ratio Lower Upper
56 100
69 40.7 24.8 37.2#
84 89.1 65.2 97.8

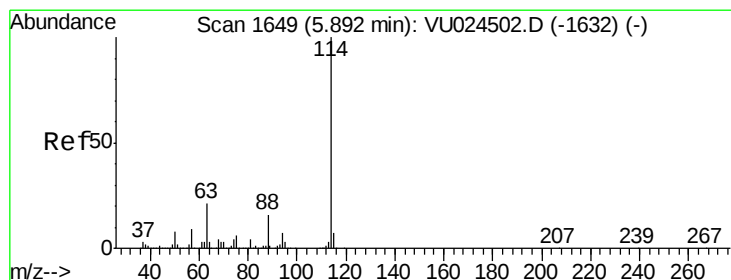
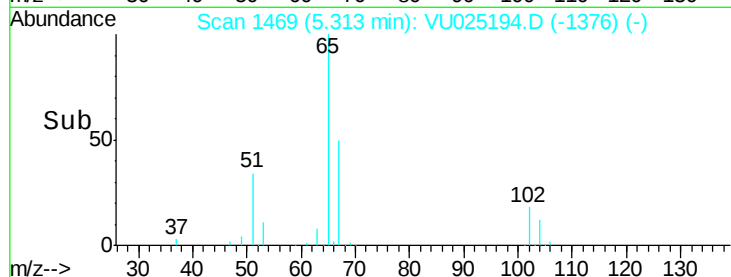
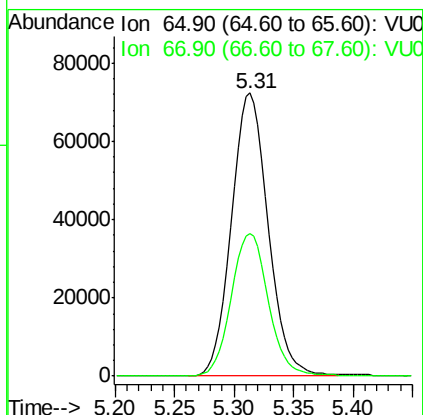
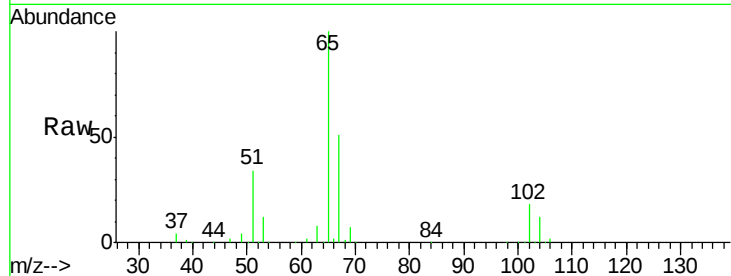




#33
 1,2-Dichloroethane-d4
 Concen: 46.161 ug/l
 RT: 5.31 min Scan# 1469
 Delta R.T. 0.00 min
 Lab File: VU025194.D
 Acq: 03 Jul 2018 17:04

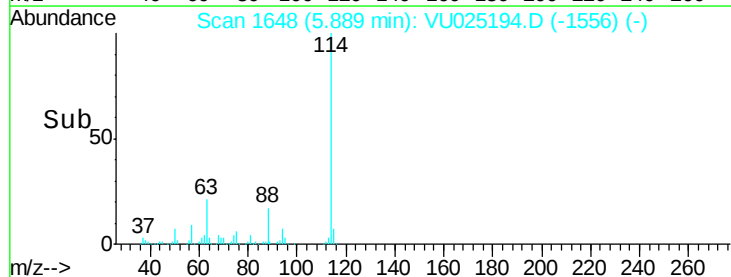
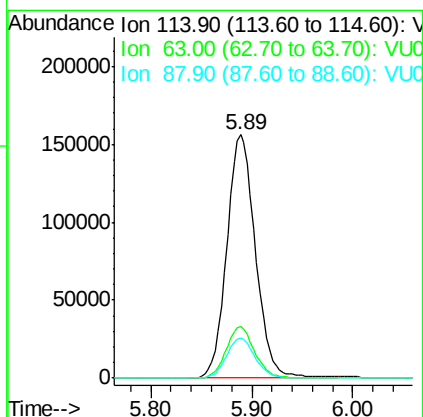
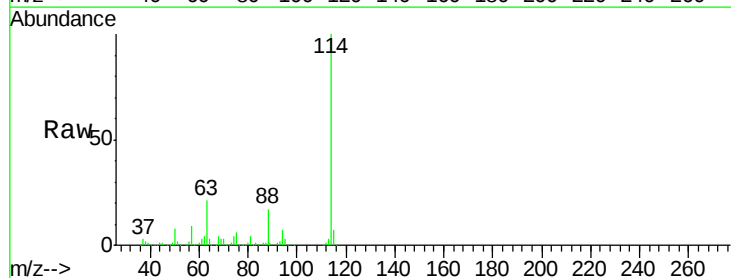
Instrument :
 MSVOA_U
 ClientSampled :

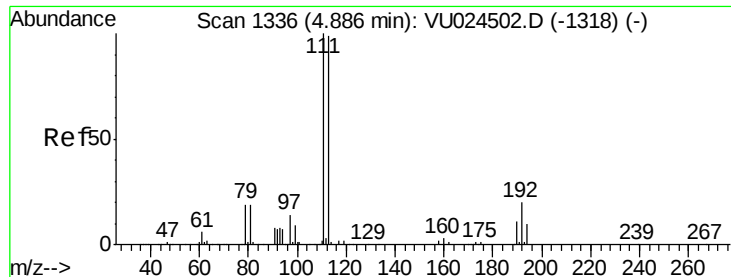
Tot Ion: 65 Resp: 154769
 Ion Ratio Lower Upper
 65 100
 67 51.0 0.0 107.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1648
 Delta R.T. -0.00 min
 Lab File: VU025194.D
 Acq: 03 Jul 2018 17:04

Tgt Ion: 114 Resp: 309199
 Ion Ratio Lower Upper
 114 100
 63 21.2 0.0 45.4
 88 16.6 0.0 31.0

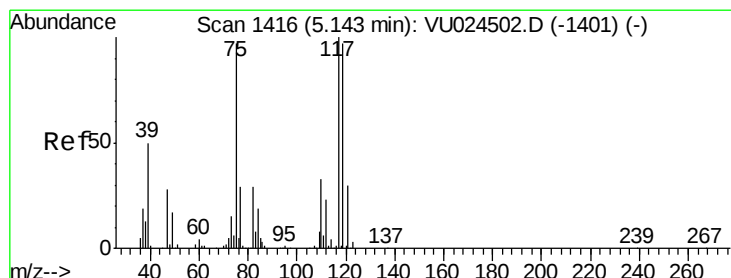
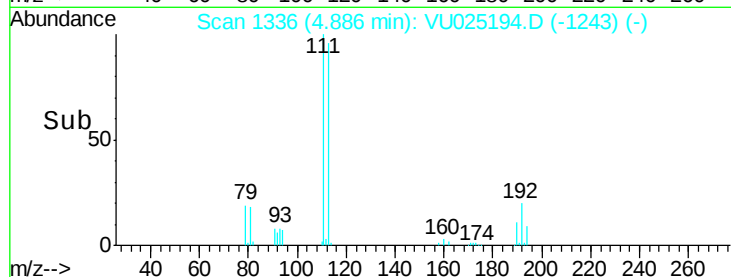
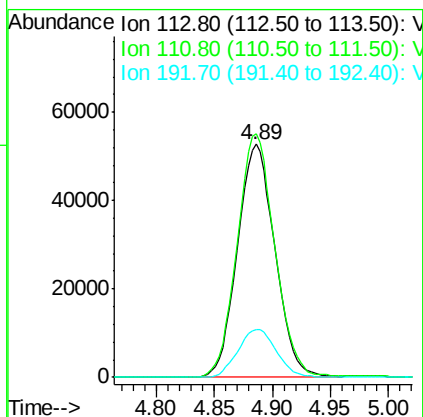
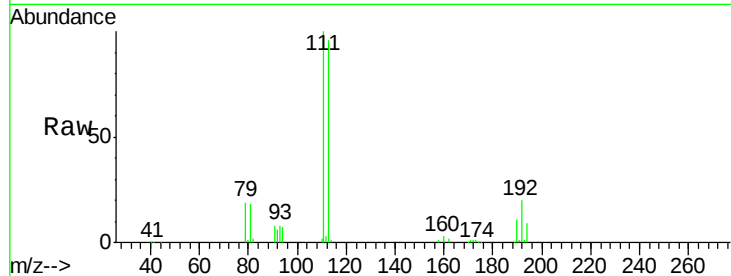




#35
 Dibromofluoromethane
 Concen: 46.287 ug/l
 RT: 4.89 min Scan# 1336
 Delta R.T. 0.00 min
 Lab File: VU025194.D
 Acq: 03 Jul 2018 17:04

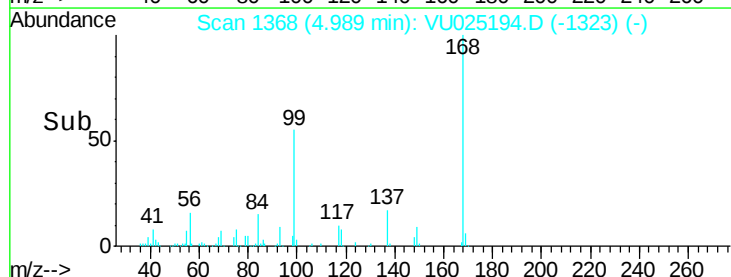
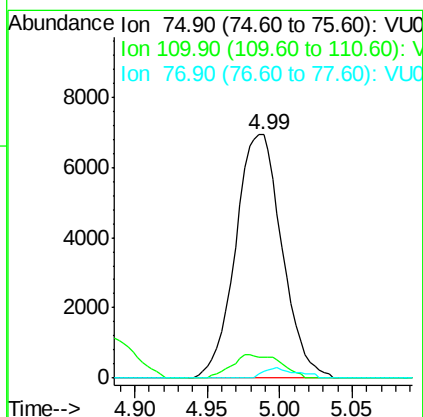
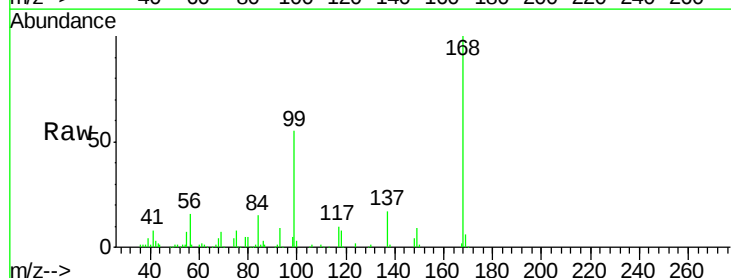
Instrument :
 MSVOA_U
 ClientSampleId :

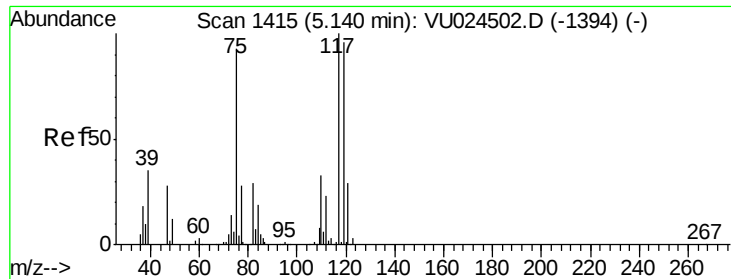
Tot Ion	Ratio	Lower	Upper
113	100		
111	104.9	82.2	123.4
192	21.1	16.2	24.4



#36
 1,1-Dichloropropene
 Concen: 4.239 ug/l
 RT: 4.99 min Scan# 1368
 Delta R.T. -0.15 min
 Lab File: VU025194.D
 Acq: 03 Jul 2018 17:04

Tgt Ion	Ratio	Lower	Upper
75	100		
110	10.0	17.0	50.9#
77	0.0	24.2	36.4#





#38

Carbon Tetrachloride

Concen: 5.019 ug/l

RT: 4.99 min Scan# 1367

Delta R.T. -0.15 min

Lab File: VU025194.D

Acq: 03 Jul 2018 17:04

Instrument :

MSVOA_U

ClientSampleId :

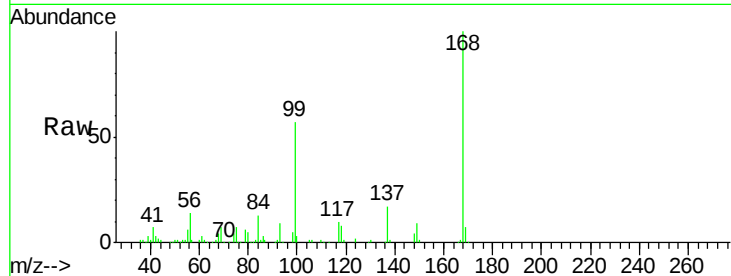
Tot Ion:117 Resp: 20055

Ion Ratio Lower Upper

117 100

119 5.2 76.1 114.1#

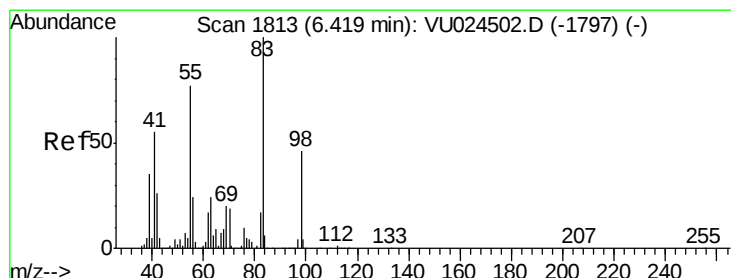
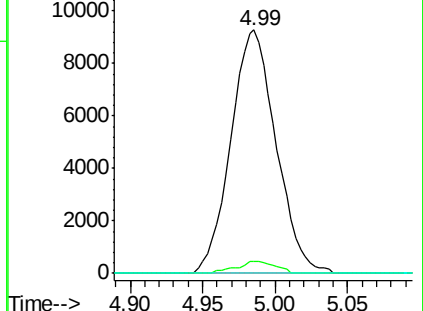
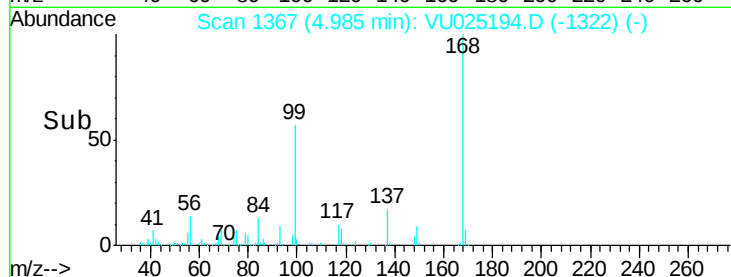
121 0.0 23.7 35.5#



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: 2.825 ug/l

RT: 6.42 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VU025194.D

Acq: 03 Jul 2018 17:04

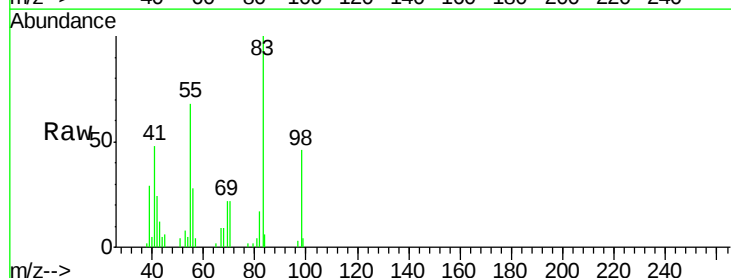
Tgt Ion: 83 Resp: 12807

Ion Ratio Lower Upper

83 100

55 64.9 65.8 98.6#

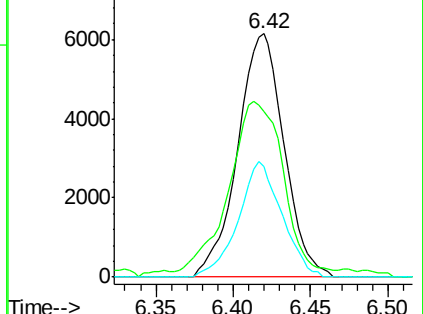
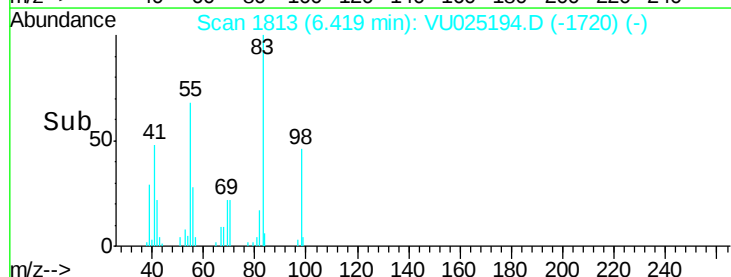
98 45.5 36.7 55.1

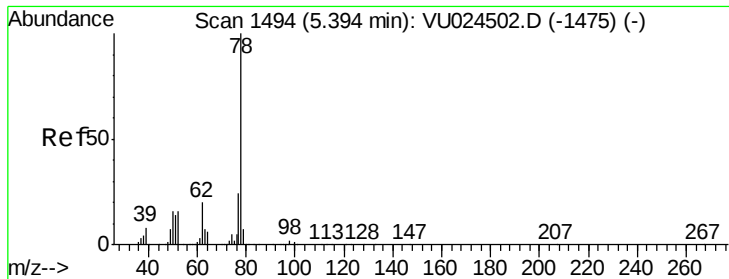


Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 55.00 (54.70 to 55.70): VU0

Ion 98.00 (97.70 to 98.70): VU0





#40

Benzene

Concen: 663.759 ug/l

RT: 5.39 min Scan# 1494

Delta R.T. 0.00 min

Lab File: VU025194.D

Acq: 03 Jul 2018 17:04

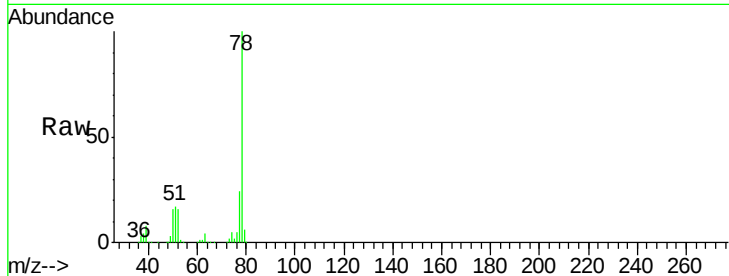
Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 78 Resp: 6871906

Ion Ratio Lower Upper

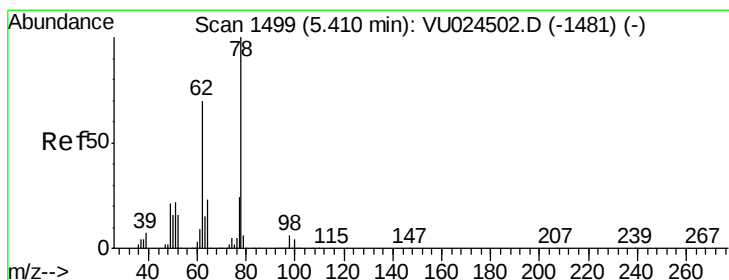
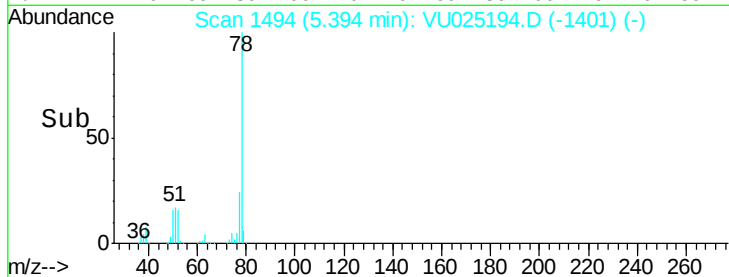
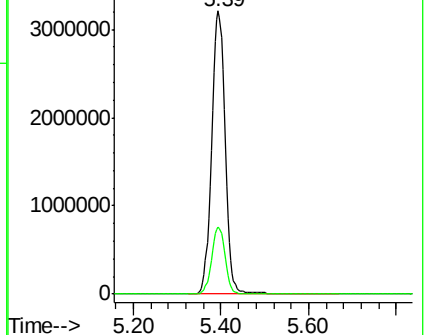
78 100

77 23.7 19.2 28.8



Abundance Ion 78.00 (77.70 to 78.70): VU024502.D (-1475) (-)

Ion 77.00 (76.70 to 77.70): VU024502.D (-1475) (-)



#42

1,2-Dichloroethane

Concen: 15.987 ug/l

RT: 5.39 min Scan# 1494

Delta R.T. -0.02 min

Lab File: VU025194.D

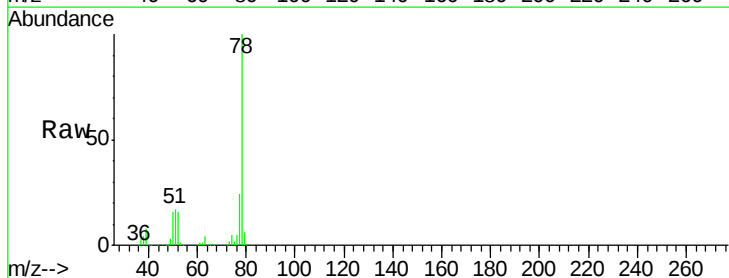
Acq: 03 Jul 2018 17:04

Tgt Ion: 62 Resp: 63039

Ion Ratio Lower Upper

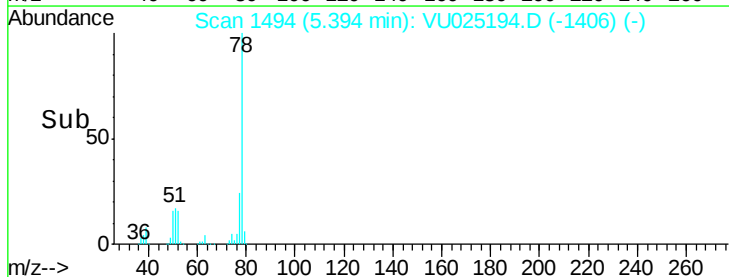
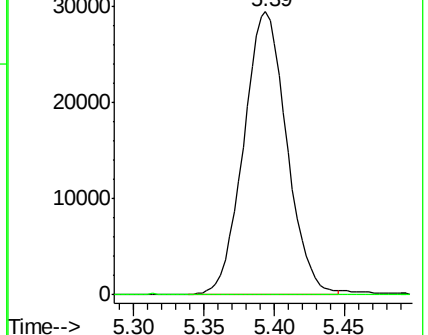
62 100

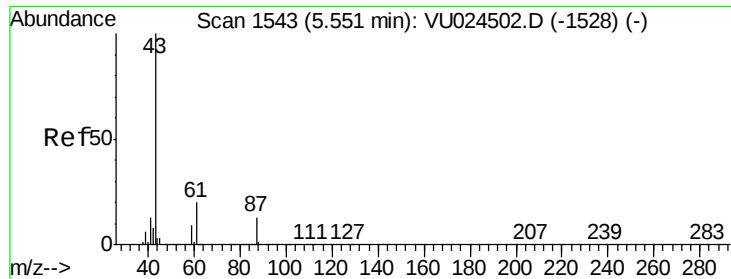
98 0.0 0.0 16.6



Abundance Ion 61.90 (61.60 to 62.60): VU024502.D (-1481) (-)

Ion 97.90 (97.60 to 98.60): VU024502.D (-1481) (-)





#43

Isopropyl Acetate

Concen: 1.519 ug/l

RT: 5.54 min Scan# 1539

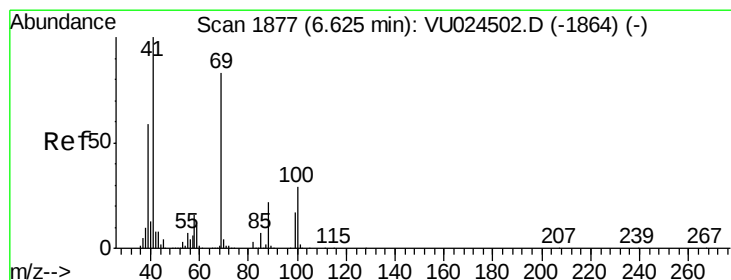
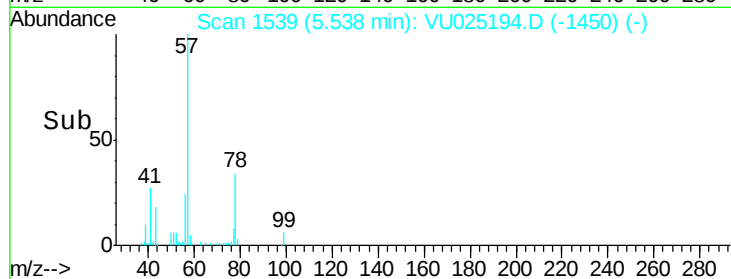
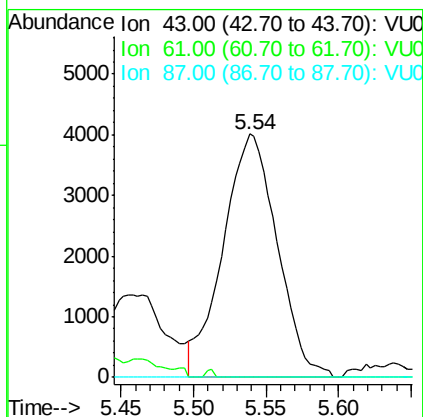
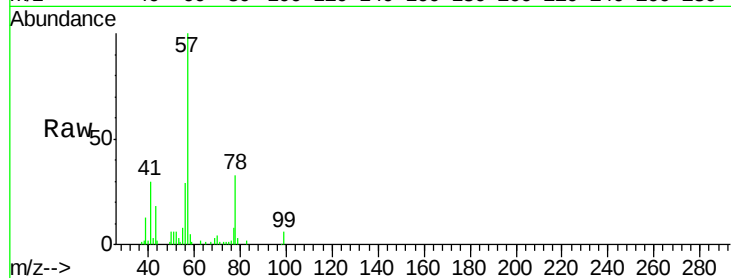
Delta R.T. -0.01 min

Lab File: VU025194.D

Acq: 03 Jul 2018 17:04

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion:	43	Resp:	10401
Ion	Ratio	Lower	Upper
43	100		
61	0.0	15.4	23.0#
87	0.0	10.0	15.0#



#48

Methyl methacrylate

Concen: 0.779 ug/l

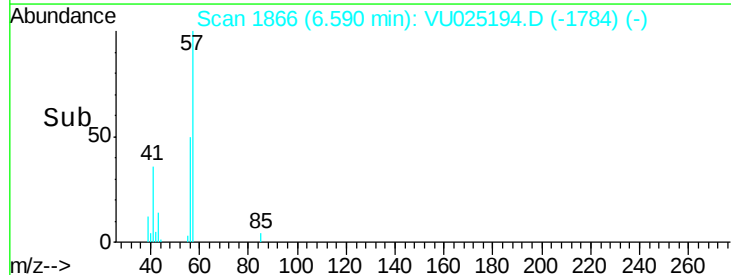
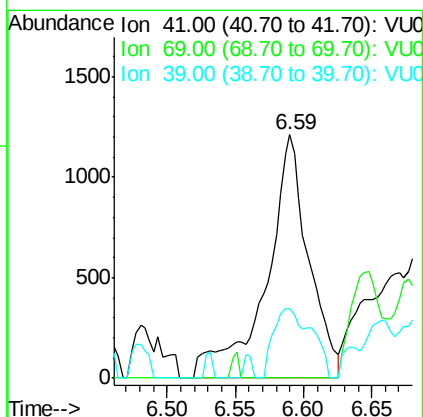
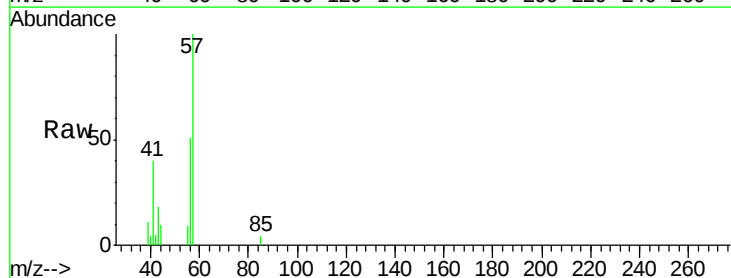
RT: 6.59 min Scan# 1866

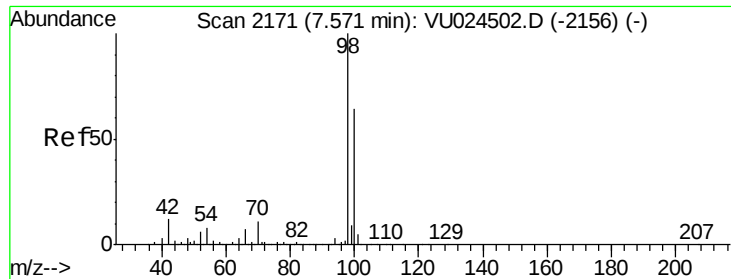
Delta R.T. -0.04 min

Lab File: VU025194.D

Acq: 03 Jul 2018 17:04

Tgt Ion:	41	Resp:	2595
Ion	Ratio	Lower	Upper
41	100		
69	0.0	67.3	100.9#
39	25.9	46.5	69.7#

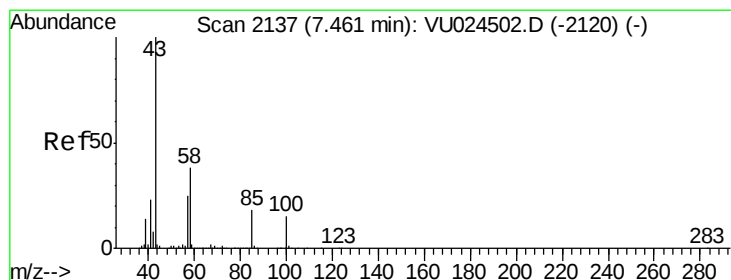
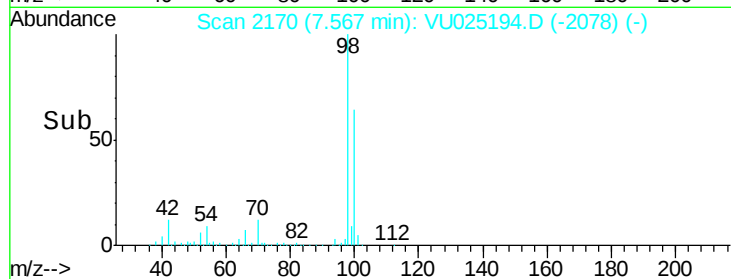
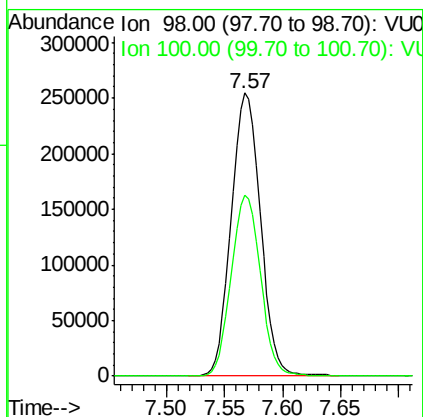
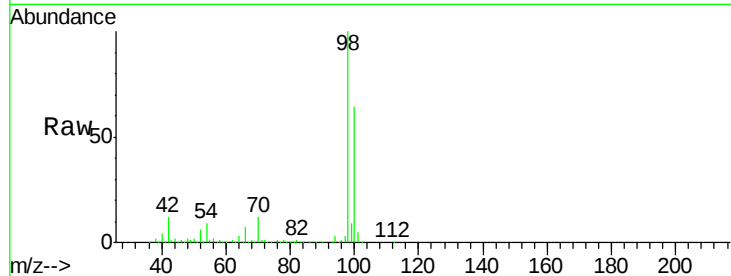




#50
Toluene-d8
Concen: 47.570 ug/l
RT: 7.57 min Scan# 2170
Delta R.T. -0.00 min
Lab File: VU025194.D
Acq: 03 Jul 2018 17:04

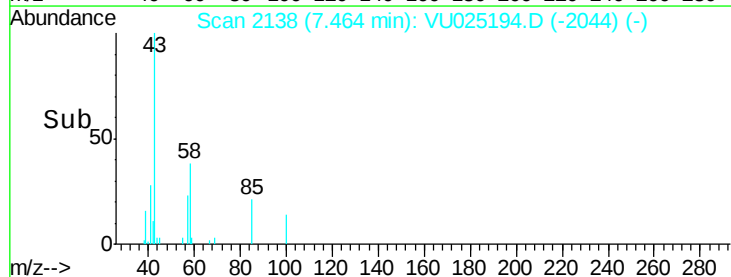
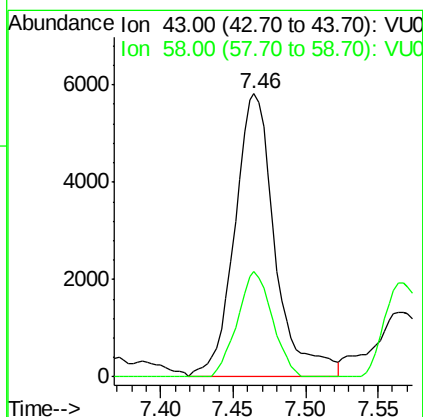
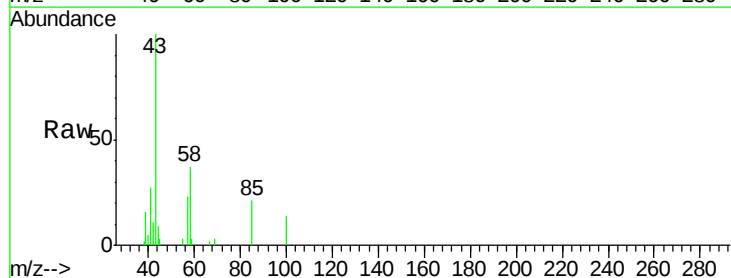
Instrument :
MSVOA_U
ClientSampleId :

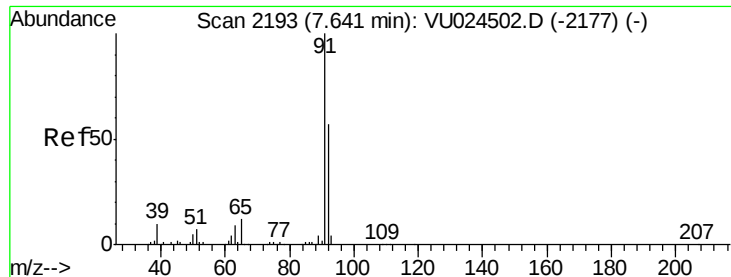
Tot Ion: 98 Resp: 445260
Ion Ratio Lower Upper
98 100
100 64.1 51.1 76.7



#51
4-Methyl-2-Pentanone
Concen: 2.621 ug/l
RT: 7.46 min Scan# 2138
Delta R.T. 0.00 min
Lab File: VU025194.D
Acq: 03 Jul 2018 17:04

Tgt Ion: 43 Resp: 11273
Ion Ratio Lower Upper
43 100
58 32.2 30.0 45.0





#52

Toluene

Concen: 7.198 ug/l

RT: 7.64 min Scan# 2192

Delta R.T. -0.00 min

Lab File: VU025194.D

Acq: 03 Jul 2018 17:04

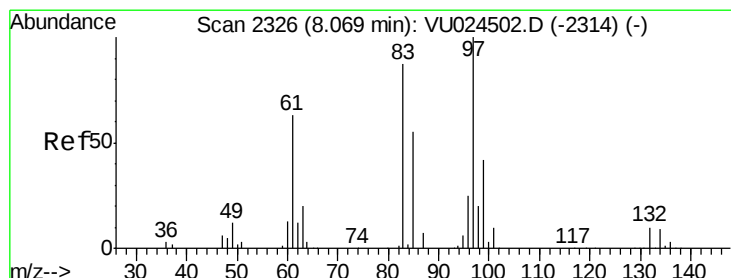
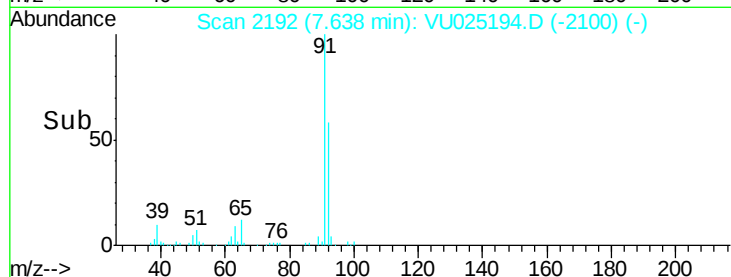
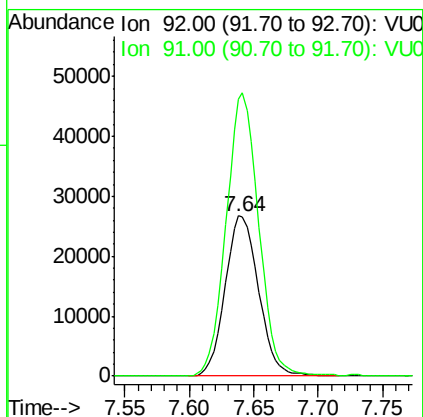
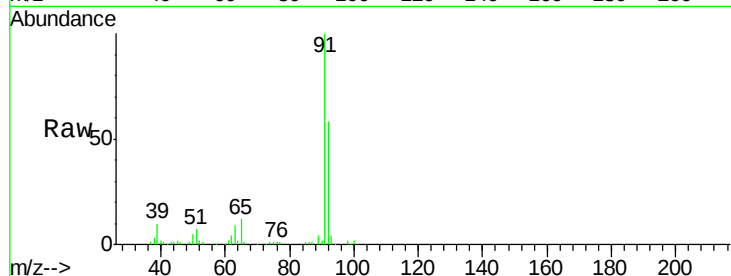
Instrument :
MSVOA_U
ClientSampled :

Tot Ion: 92 Resp: 47943

Ion Ratio Lower Upper

92 100

91 172.0 140.5 210.7



#55

1,1,2-Trichloroethane

Concen: 0.262 ug/l

RT: 8.05 min Scan# 2320

Delta R.T. -0.02 min

Lab File: VU025194.D

Acq: 03 Jul 2018 17:04

Tgt Ion: 97 Resp: 710

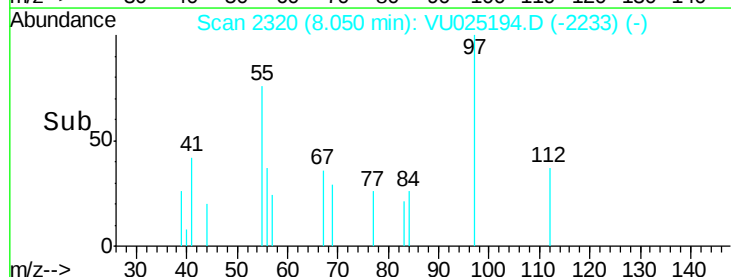
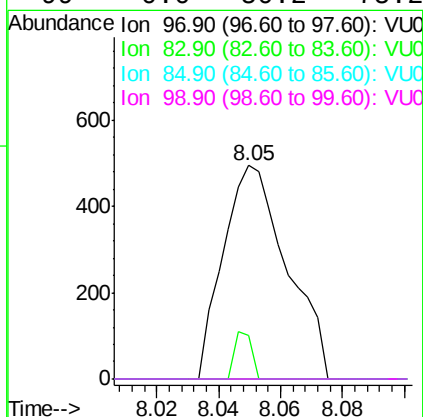
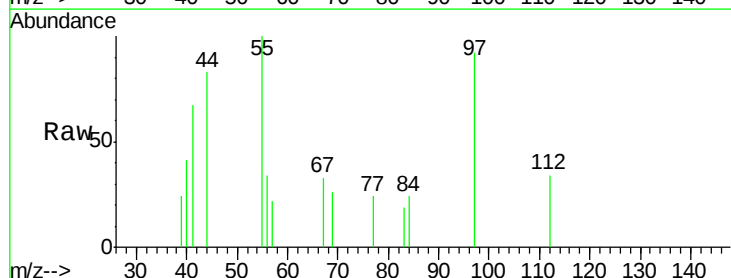
Ion Ratio Lower Upper

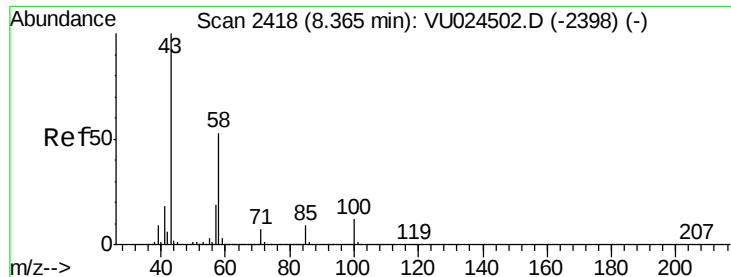
97 100

83 20.6 70.5 105.7#

85 0.0 46.4 69.6#

99 0.0 50.2 75.2#

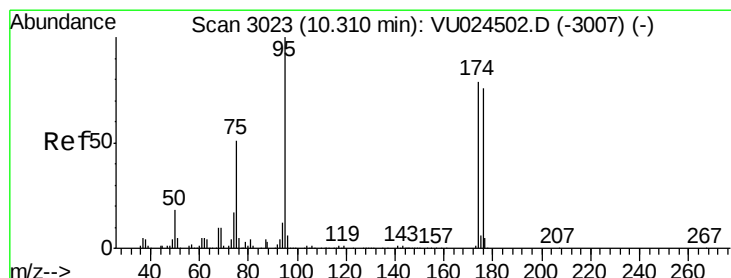
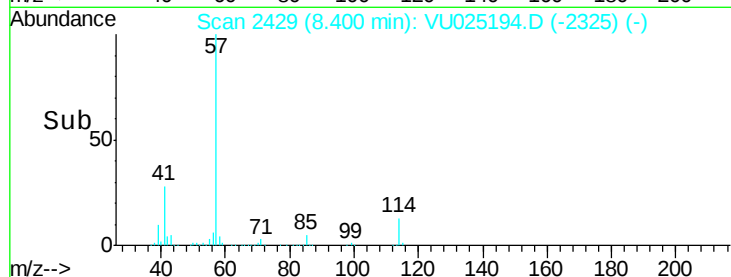
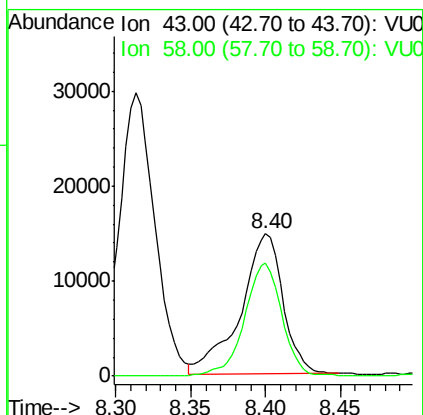
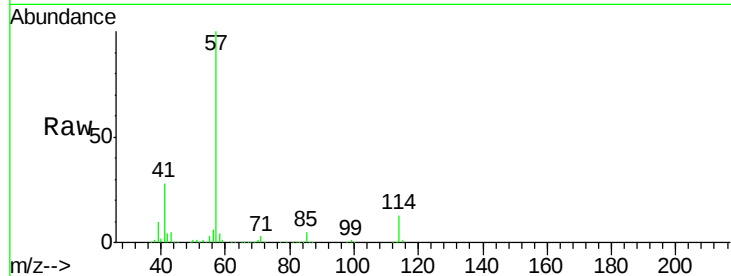




#59
2-Hexanone
Concen: 8.307 ug/l
RT: 8.40 min Scan# 2429
Delta R.T. 0.04 min
Lab File: VU025194.D
Acq: 03 Jul 2018 17:04

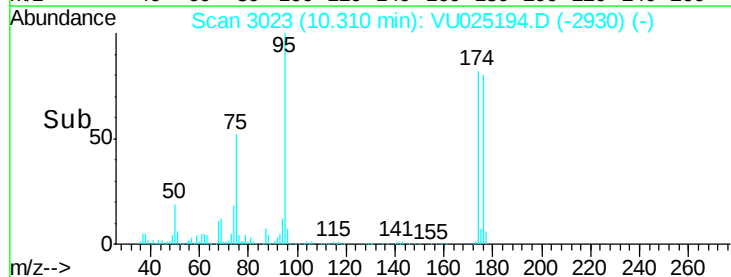
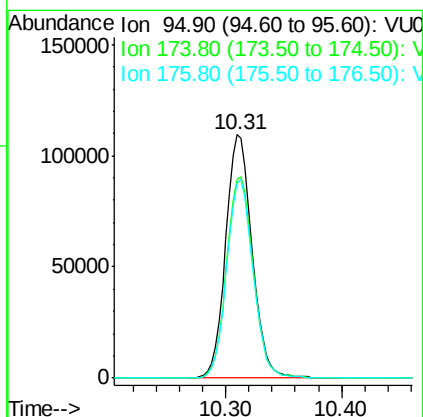
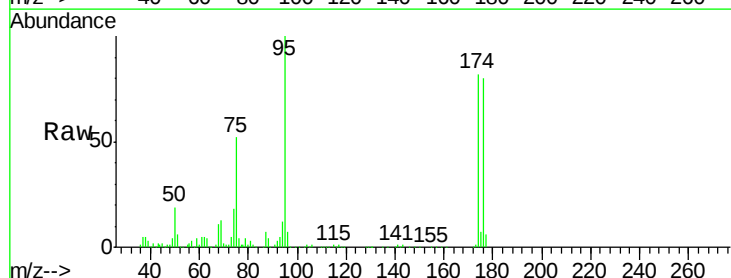
Instrument :
MSVOA_U
ClientSampleId :

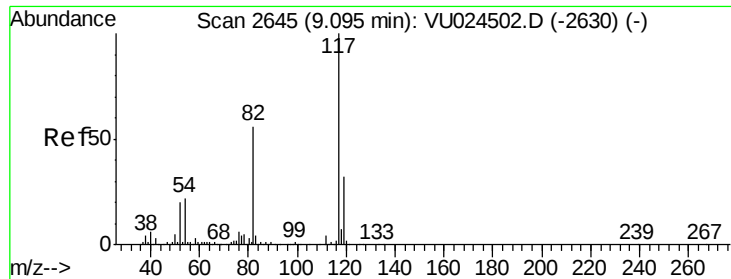
Tot Ion: 43 Resp: 29166
Ion Ratio Lower Upper
43 100
58 70.4 26.4 79.0



#62
4-Bromofluorobenzene
Concen: 46.430 ug/l
RT: 10.31 min Scan# 3023
Delta R.T. 0.00 min
Lab File: VU025194.D
Acq: 03 Jul 2018 17:04

Tgt Ion: 95 Resp: 172552
Ion Ratio Lower Upper
95 100
174 84.1 0.0 165.8
176 81.8 0.0 159.4

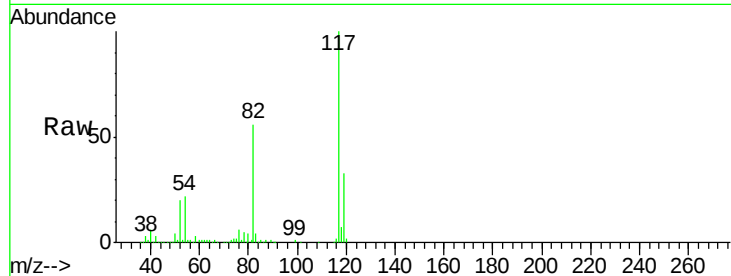




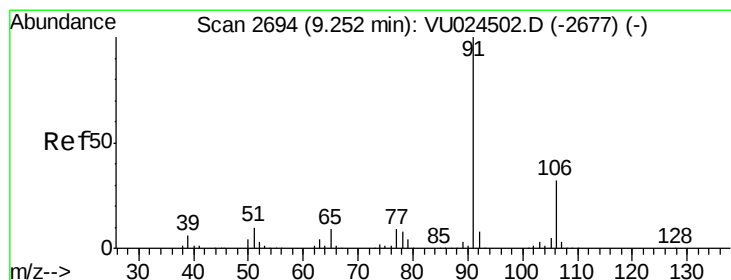
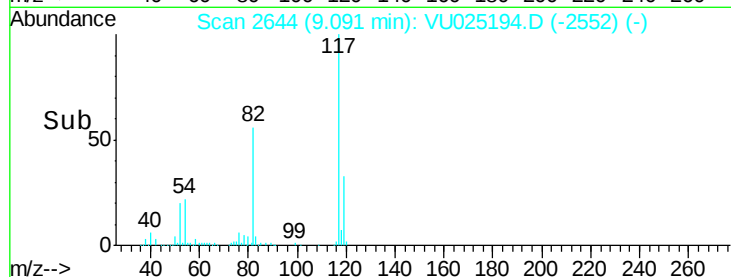
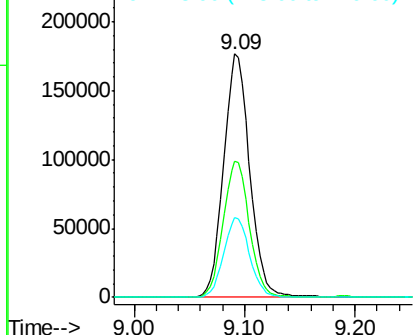
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2644
Delta R.T. -0.00 min
Lab File: VU025194.D
Acq: 03 Jul 2018 17:04

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion:117 Resp: 290855
Ion Ratio Lower Upper
117 100
82 56.1 44.3 66.5
119 32.6 25.4 38.2

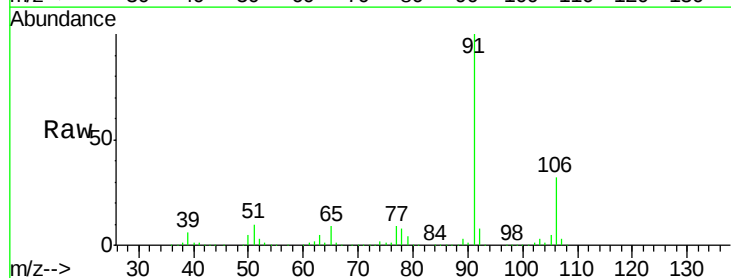


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

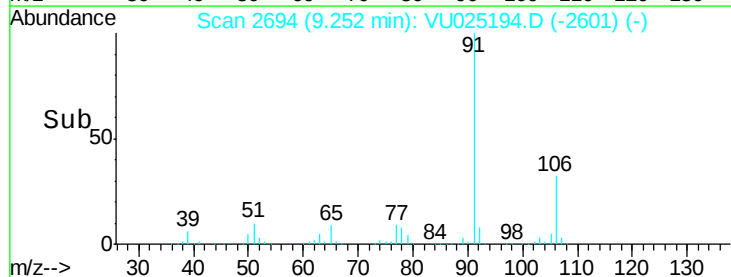
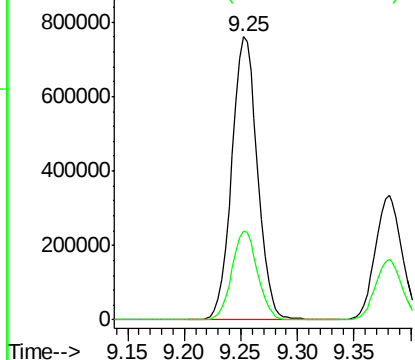


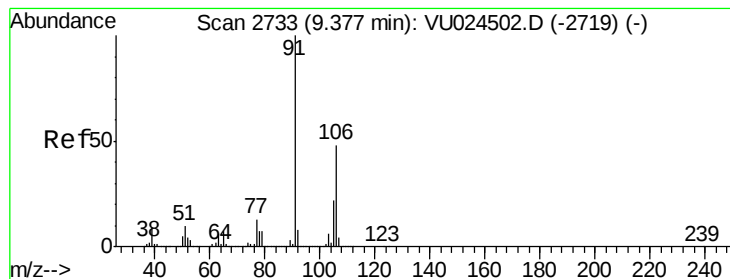
#67
Ethyl Benzene
Concen: 92.340 ug/l
RT: 9.25 min Scan# 2694
Delta R.T. 0.00 min
Lab File: VU025194.D
Acq: 03 Jul 2018 17:04

Tgt Ion: 91 Resp: 1202805
Ion Ratio Lower Upper
91 100
106 31.5 24.2 36.4



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





#68

m/p-Xylenes

Concen: 53.354 ug/l

RT: 9.38 min Scan# 2734

Delta R.T. 0.00 min

Lab File: VU025194.D

Acq: 03 Jul 2018 17:04

Instrument :

MSVOA_U

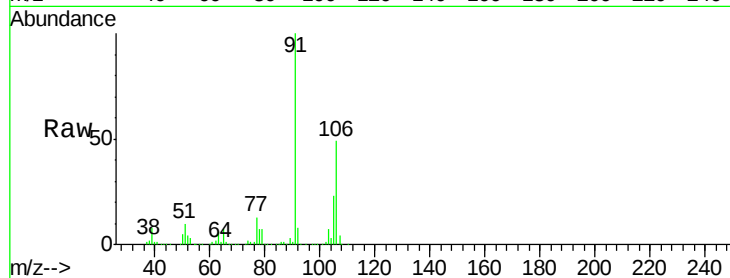
ClientSampled :

Tot Ion:106 Resp: 266872

Ion Ratio Lower Upper

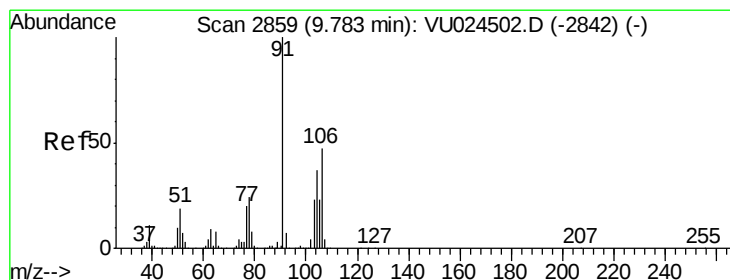
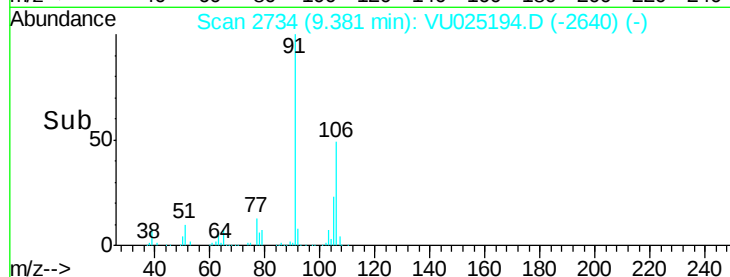
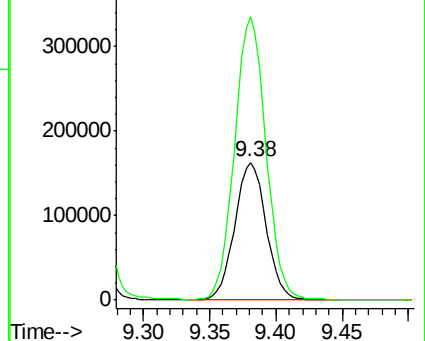
106 100

91 207.0 166.5 249.7



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VU0



#69

o-Xylene

Concen: 3.994 ug/l

RT: 9.78 min Scan# 2859

Delta R.T. 0.00 min

Lab File: VU025194.D

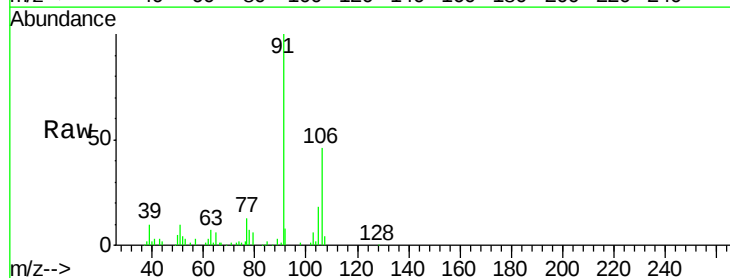
Acq: 03 Jul 2018 17:04

Tgt Ion:106 Resp: 19773

Ion Ratio Lower Upper

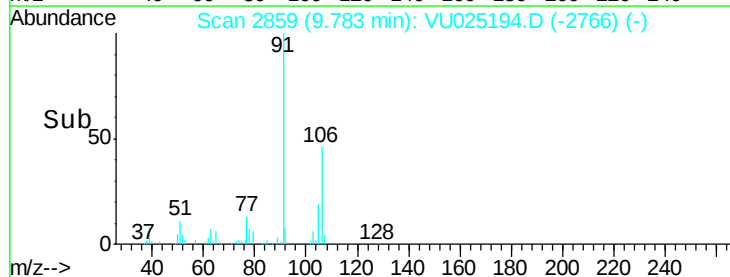
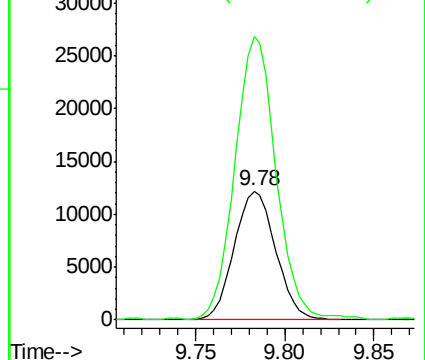
106 100

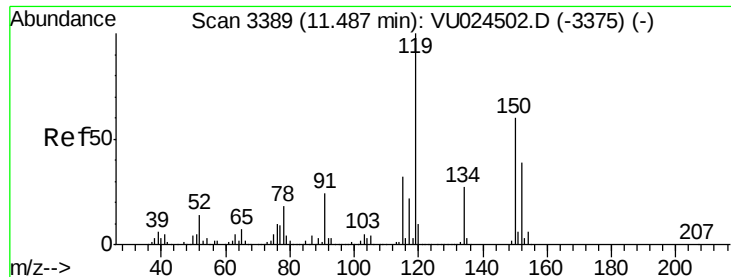
91 218.9 110.7 331.9



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VU0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.49 min Scan# 3389

Delta R.T. 0.00 min

Lab File: VU025194.D

Acq: 03 Jul 2018 17:04

Instrument :

MSVOA_U

ClientSampled :

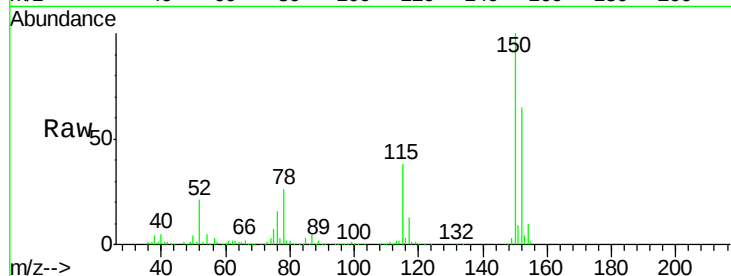
Tot Ion:152 Resp: 163828

Ion Ratio Lower Upper

152 100

115 57.9 43.0 129.0

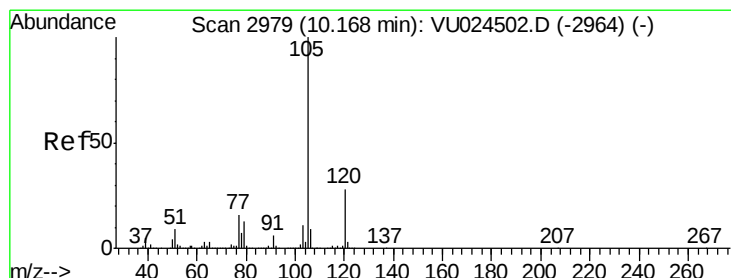
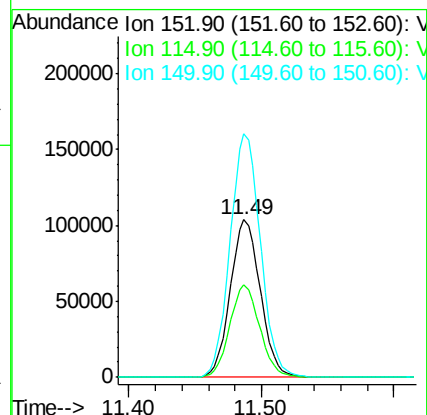
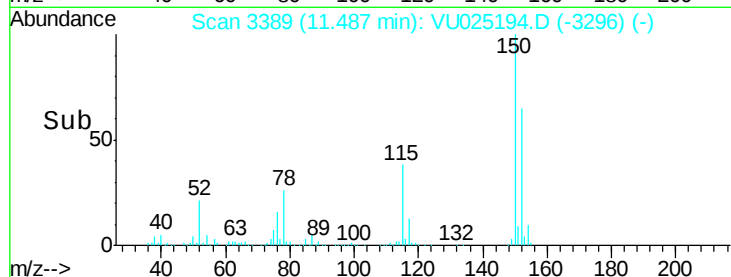
150 155.9 0.0 354.0



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: 4.096 ug/l

RT: 10.17 min Scan# 2980

Delta R.T. 0.00 min

Lab File: VU025194.D

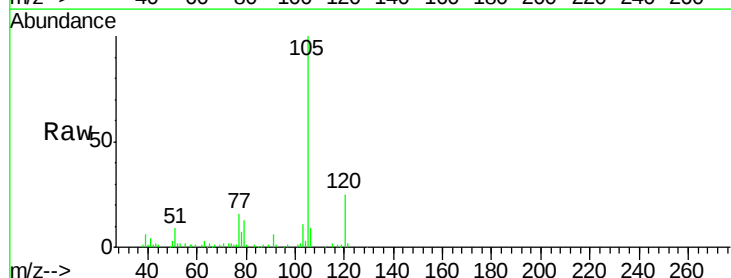
Acq: 03 Jul 2018 17:04

Tgt Ion:105 Resp: 51517

Ion Ratio Lower Upper

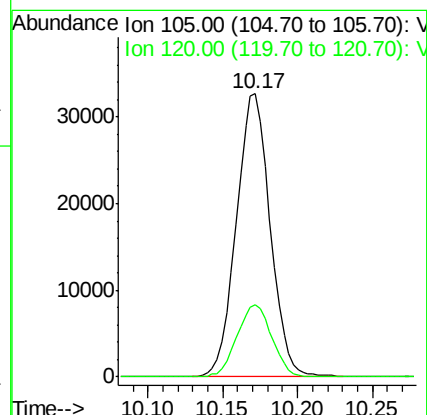
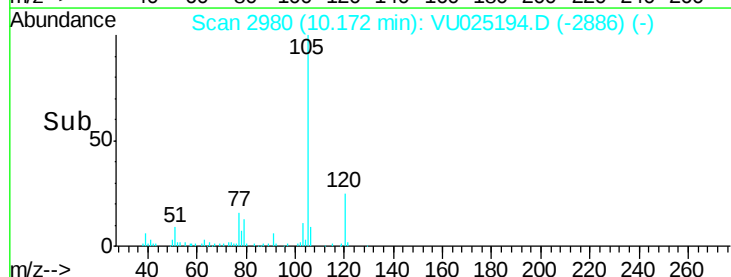
105 100

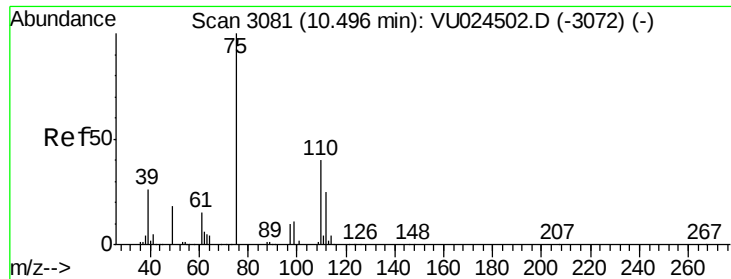
120 26.1 13.2 39.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

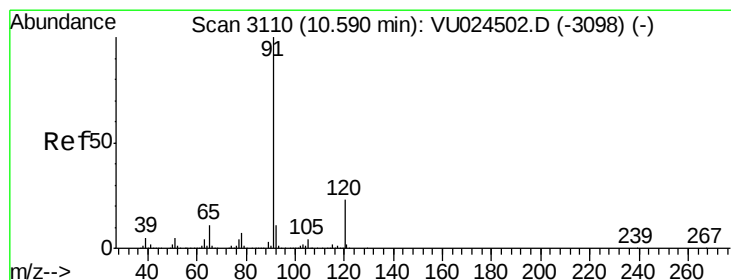
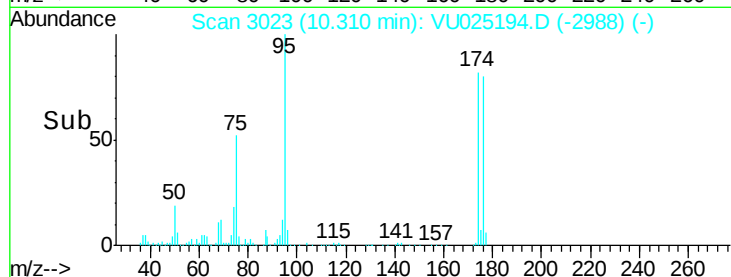
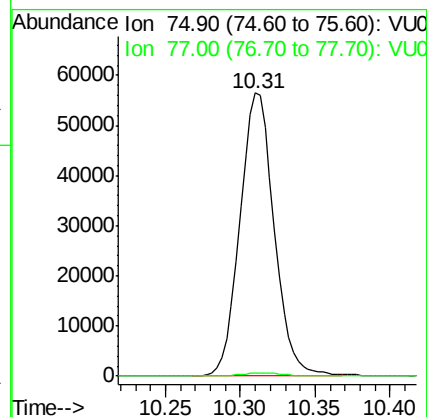
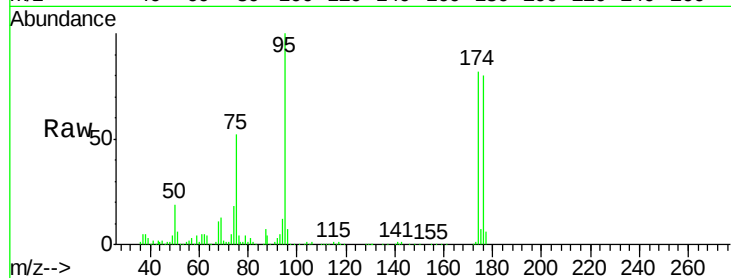




#76
 1,2,3-Trichloropropane
 Concen: 24.942 ug/l
 RT: 10.31 min Scan# 3023
 Delta R.T. -0.19 min
 Lab File: VU025194.D
 Acq: 03 Jul 2018 17:04

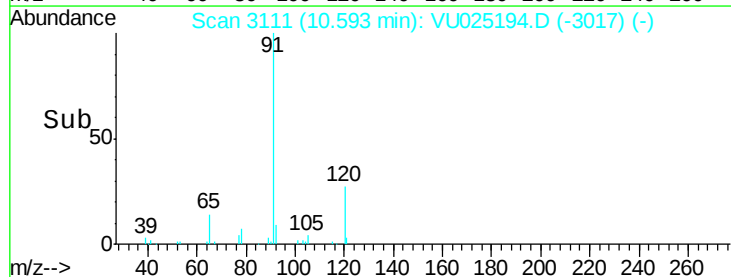
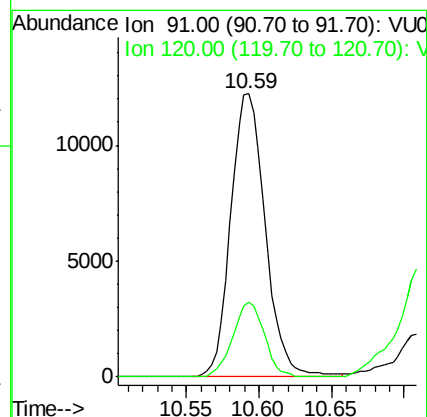
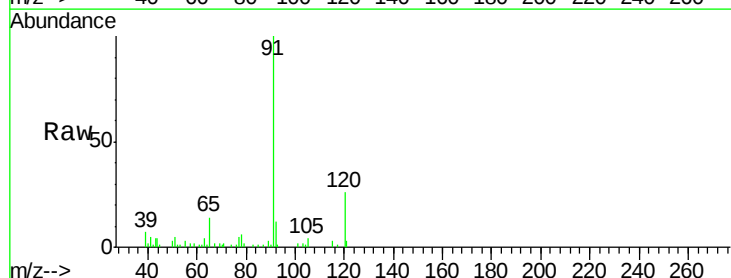
Instrument :
 MSVOA_U
 ClientSampleId :

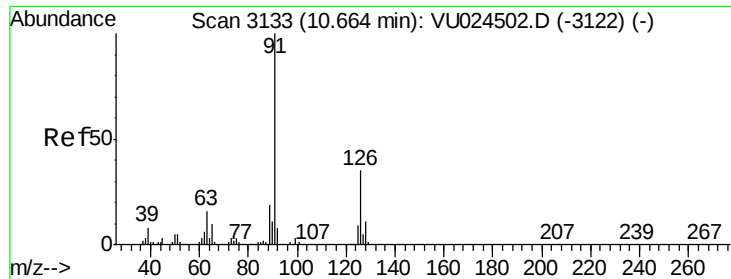
Tot Ion: 75 Resp: 89965
 Ion Ratio Lower Upper
 75 100
 77 1.4 20.9 62.7#



#78
 n-propylbenzene
 Concen: 1.368 ug/l
 RT: 10.59 min Scan# 3111
 Delta R.T. 0.00 min
 Lab File: VU025194.D
 Acq: 03 Jul 2018 17:04

Tgt Ion: 91 Resp: 20265
 Ion Ratio Lower Upper
 91 100
 120 23.9 11.2 33.5





#79

2-Chlorotoluene

Concen: 0.445 ug/l

RT: 10.71 min Scan# 3147

Delta R.T. 0.05 min

Lab File: VU025194.D

Acq: 03 Jul 2018 17:04

Instrument :

MSVOA_U

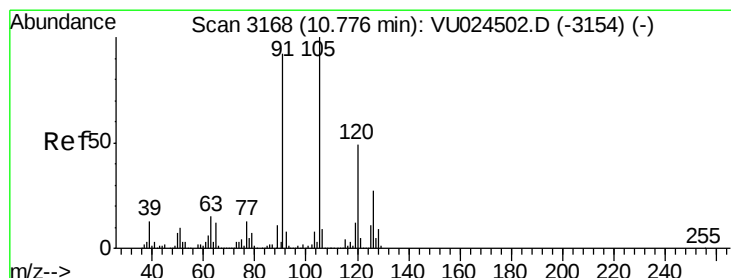
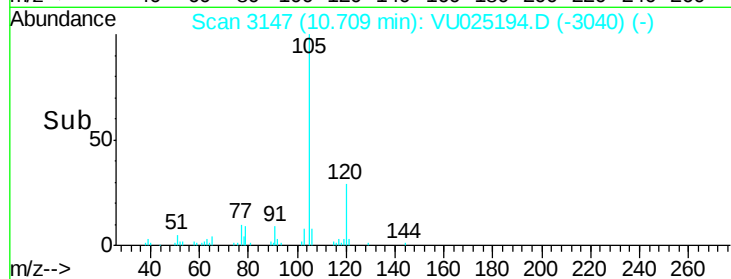
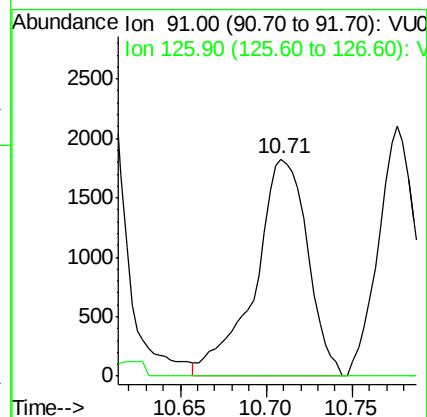
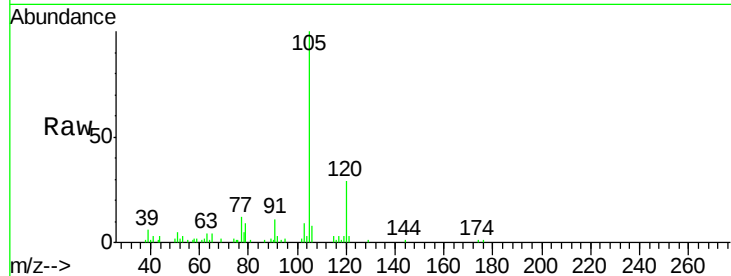
ClientSampleId :

Tot Ion: 91 Resp: 3884

Ion Ratio Lower Upper

91 100

126 0.0 16.9 50.7#



#80

1,3,5-Trimethylbenzene

Concen: 2.597 ug/l

RT: 10.78 min Scan# 3168

Delta R.T. 0.00 min

Lab File: VU025194.D

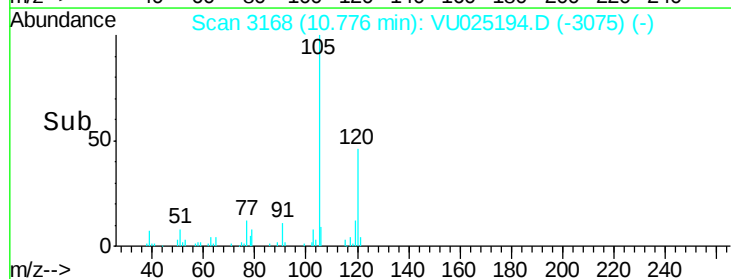
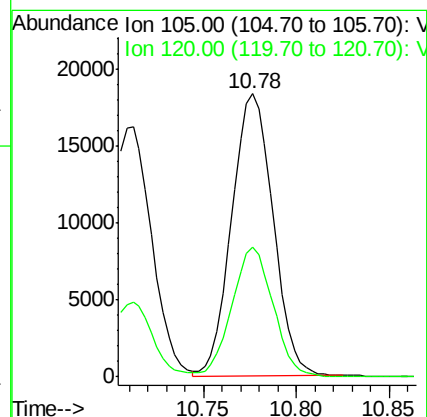
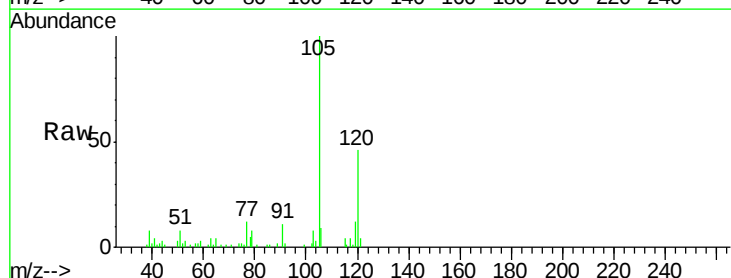
Acq: 03 Jul 2018 17:04

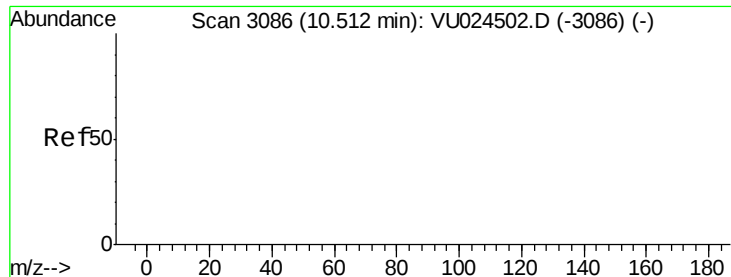
Tgt Ion: 105 Resp: 28309

Ion Ratio Lower Upper

105 100

120 46.0 24.1 72.2

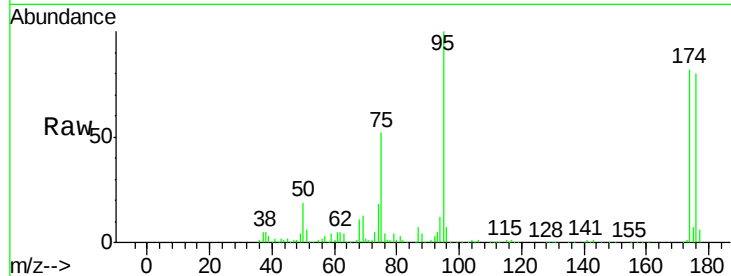




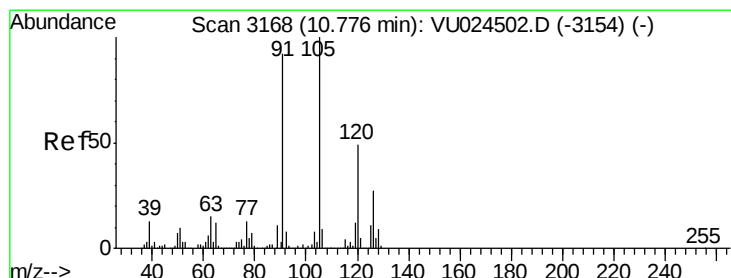
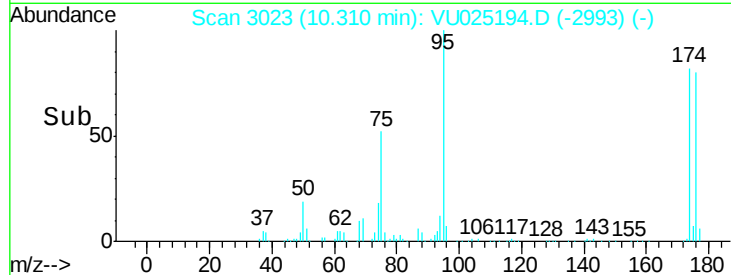
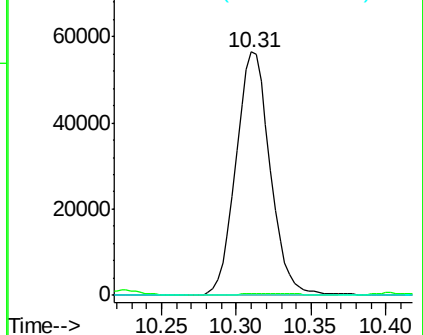
#81
trans-1,4-Dichloro-2-butene
Concen: 57.727 ug/l
RT: 10.31 min Scan# 3023
Delta R.T. -0.20 min
Lab File: VU025194.D
Acq: 03 Jul 2018 17:04

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 75 Resp: 89965
Ion Ratio Lower Upper
75 100
53 1.3 0.0 0.0#
89 0.1 0.0 0.0#

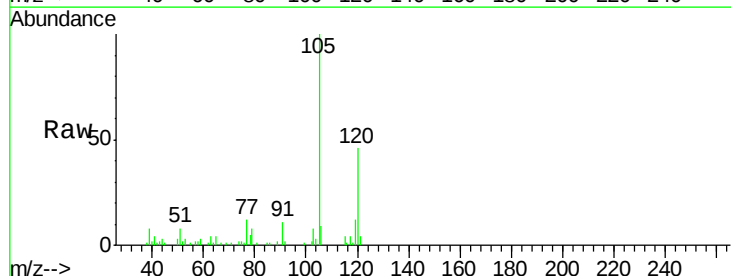


Abundance Ion 74.90 (74.60 to 75.60): VU0
Ion 53.00 (52.70 to 53.70): VU0
Ion 88.90 (88.60 to 89.60): VU0

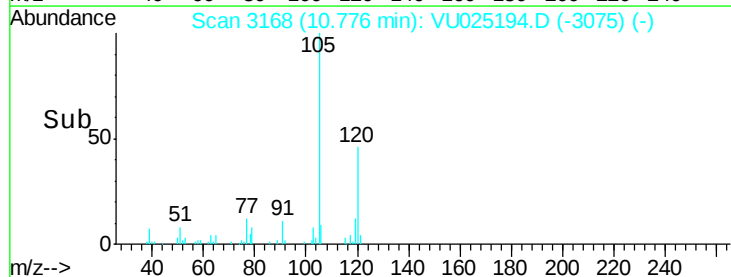
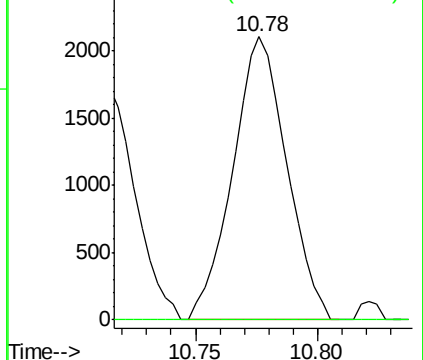


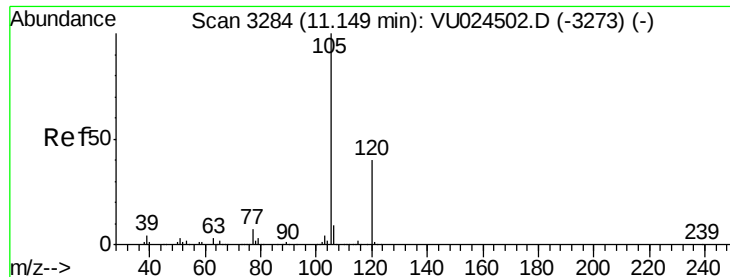
#82
4-Chlorotoluene
Concen: 0.318 ug/l
RT: 10.78 min Scan# 3168
Delta R.T. 0.00 min
Lab File: VU025194.D
Acq: 03 Jul 2018 17:04

Tgt Ion: 91 Resp: 3234
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

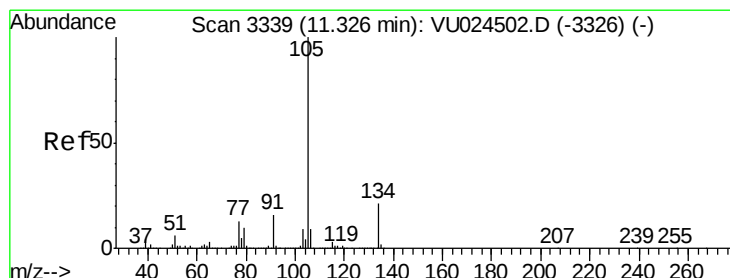
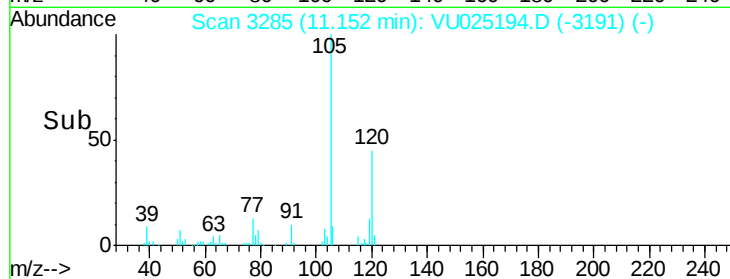
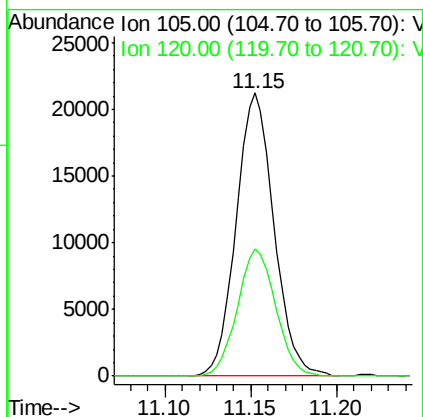
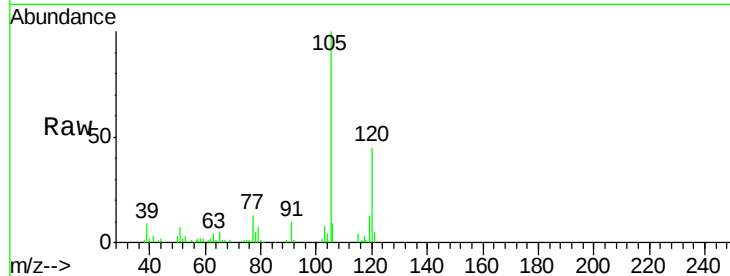




#84
 1,2,4-Trimethylbenzene
 Concen: 2.907 ug/l
 RT: 11.15 min Scan# 3285
 Delta R.T. 0.00 min
 Lab File: VU025194.D
 Acq: 03 Jul 2018 17:04

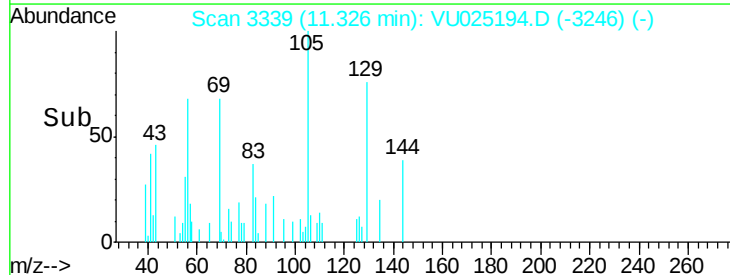
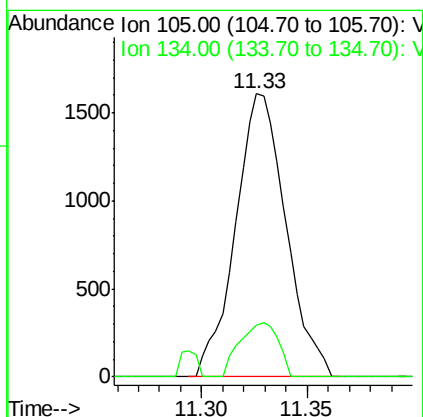
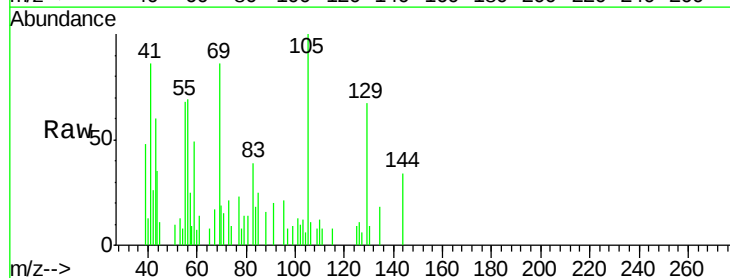
Instrument :
 MSVOA_U
 ClientSampleId :

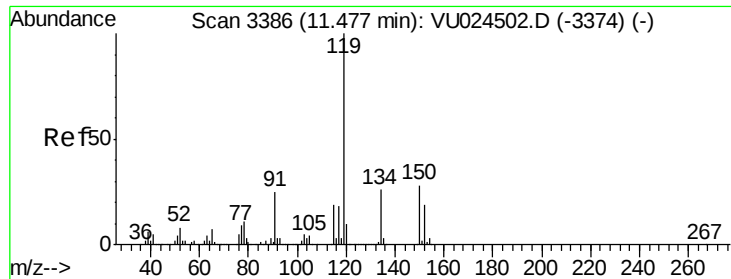
Tot Ion:105 Resp: 32295
 Ion Ratio Lower Upper
 105 100
 120 45.5 22.6 67.8



#85
 sec-Butylbenzene
 Concen: 0.203 ug/l
 RT: 11.33 min Scan# 3339
 Delta R.T. 0.00 min
 Lab File: VU025194.D
 Acq: 03 Jul 2018 17:04

Tgt Ion:105 Resp: 2671
 Ion Ratio Lower Upper
 105 100
 134 14.8 9.7 29.1

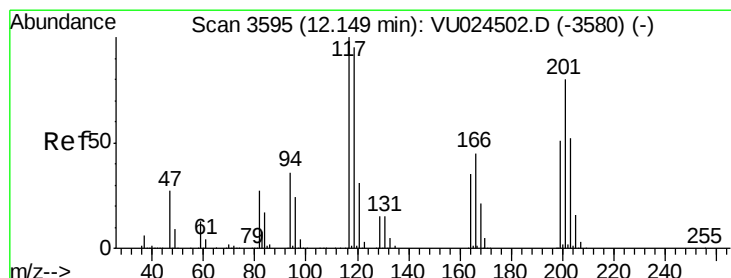
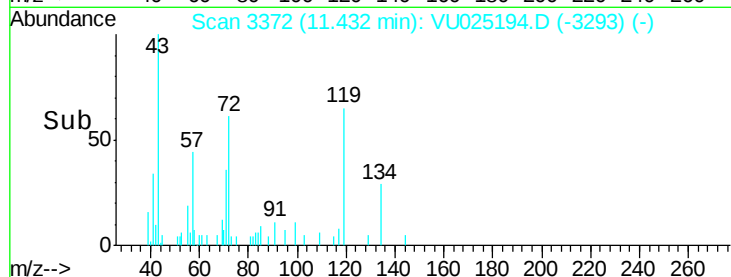
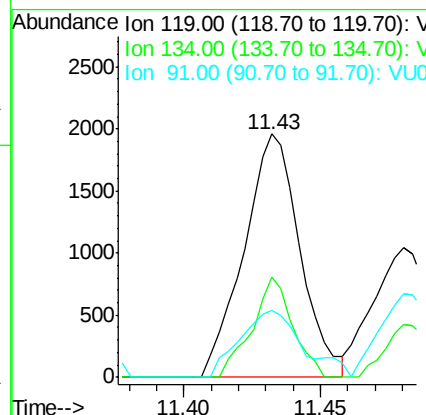
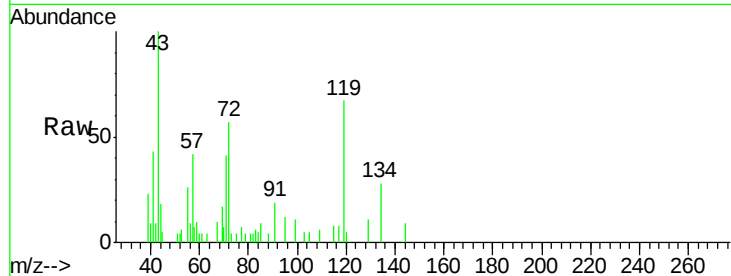




#86
 p-Isopropyltoluene
 Concen: 0.237 ug/l
 RT: 11.43 min Scan# 3372
 Delta R.T. -0.04 min
 Lab File: VU025194.D
 Acq: 03 Jul 2018 17:04

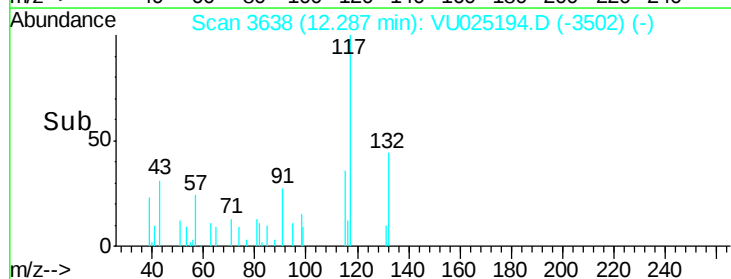
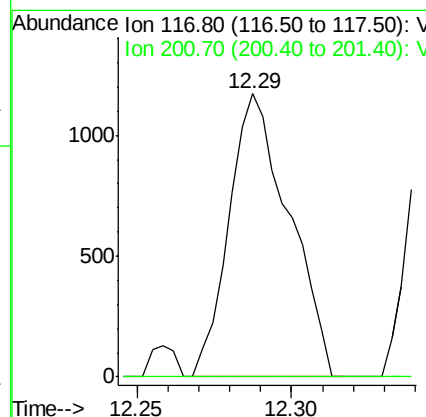
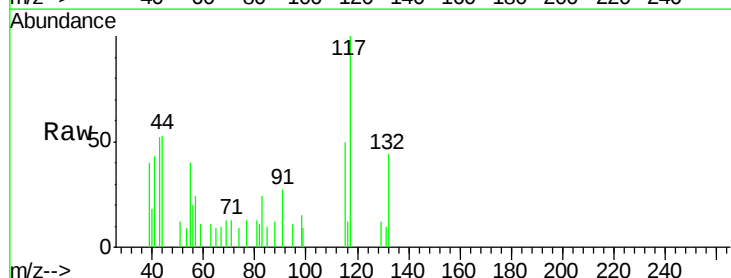
Instrument :
 MSVOA_U
 ClientSampled :

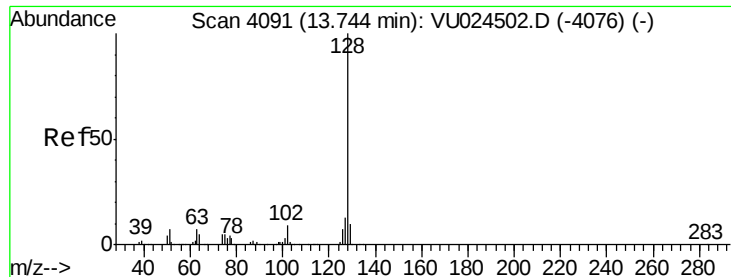
Tot Ion	Ratio	Lower	Upper
119	100		
134	29.8	12.9	38.6
91	30.7	12.0	36.1



#90
 Hexachloroethane
 Concen: 0.689 ug/l
 RT: 12.29 min Scan# 3638
 Delta R.T. 0.14 min
 Lab File: VU025194.D
 Acq: 03 Jul 2018 17:04

Tgt Ion	Ratio	Lower	Upper
117	100		
201	0.0	41.1	123.3#





#95
Naphthalene
Concen: 0.983 ug/l
RT: 13.75 min Scan# 4094
Delta R.T. 0.01 min
Lab File: VU025194.D
Acq: 03 Jul 2018 17:04

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
128	100		
127	15.7	10.6	16.0
129	6.2	8.6	12.8#

