

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU072718\
 Data File : VU025669.D
 Acq On : 27 Jul 2018 15:11
 Operator : MD/SY
 Sample : J4086-10
 Misc : 5.00µg/10mL/100µL/5.00mL/MSVOA_U/MEOH
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 1565

Quant Time: Jul 28 03:36:50 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U072718W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 27 13:11:52 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	166478	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	251587	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	248361	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	168071	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	128094	49.38	ug/l	0.00
Spiked Amount			Recovery	=	98.76%	
35) Dibromofluoromethane	4.88	113	102108	46.66	ug/l	0.00
Spiked Amount			Recovery	=	93.32%	
50) Toluene-d8	7.57	98	372121	48.60	ug/l	0.00
Spiked Amount			Recovery	=	97.20%	
62) 4-Bromofluorobenzene	10.32	95	152855	51.43	ug/l	0.00
Spiked Amount			Recovery	=	102.86%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.32	50	1436	0.60	ug/l #	86
5) Bromomethane	1.60	94	1392	1.26	ug/l	92
10) Methyl Iodide	2.43	142	125	8.65	ug/l #	39
11) Tert butyl alcohol	2.83	59	2085	3.67	ug/l #	73
13) Acrolein	2.21	56	39	Below	Cal #	14
16) Acetone	2.35	43	265027	209.57	ug/l	97
17) Carbon Disulfide	2.43	76	2362	0.41	ug/l #	86
18) Methyl Acetate	2.35	43	264143	86.78	ug/l #	52
20) Methylene Chloride	2.68	84	53845	24.02	ug/l	99
25) 2-Butanone	4.29	43	387647	225.18	ug/l	99
28) Bromochloromethane	4.67	49	11568	6.81	ug/l #	9
30) Chloroform	4.67	83	148073	36.92	ug/l	99
31) Cyclohexane	4.98	56	3570	Below	Cal #	28
32) 1,1,1-Trichloroethane	4.91	97	77387	21.43	ug/l	100
36) 1,1-Dichloropropene	4.98	75	12676	4.31	ug/l #	50
37) Ethyl Acetate	4.29	43	387647	127.15	ug/l #	69
38) Carbon Tetrachloride	5.12	117	70973	21.31	ug/l	99
44) Trichloroethene	6.18	130	69712	29.13	ug/l	97
45) 1,2-Dichloropropane	6.43	63	66407	29.63	ug/l	97
46) Dibromomethane	6.76	93	7748	4.77	ug/l #	2
47) Bromodichloromethane	6.76	83	245687	79.31	ug/l	97
48) Methyl methacrylate	6.43	41	36748	14.88	ug/l #	37
49) 1,4-Dioxane	6.75	88	89	1.48	ug/l #	32
51) 4-Methyl-2-Pentanone	7.48	43	498447	158.03	ug/l	100
55) 1,1,2-Trichloroethane	8.23	97	493	0.22	ug/l #	5
58) 2-Chloroethyl Vinyl ether	7.10	63	138	7.17	ug/l #	47
60) Dibromochloromethane	8.48	129	221383	84.61	ug/l	100
61) 1,2-Dibromoethane	8.59	107	86503	35.05	ug/l	98
64) Tetrachloroethene	8.23	164	64736	29.61	ug/l	98
66) 1,1,1,2-Tetrachloroethane	9.21	131	29977	12.94	ug/l	96
67) Ethyl Benzene	9.26	91	196857	18.56	ug/l	99
68) m/p-Xylenes	9.38	106	155716	38.24	ug/l	99
69) o-Xylene	9.79	106	167244	42.02	ug/l	97
70) Styrene	9.79	104	9237	1.44	ug/l #	1

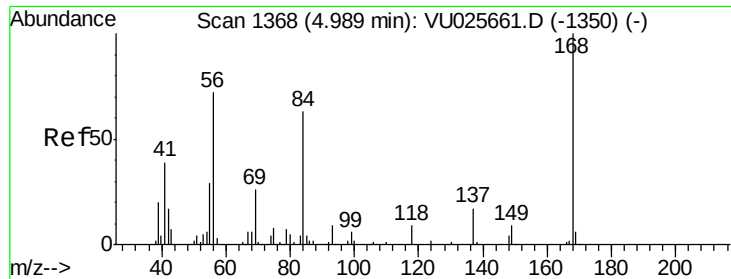
Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU072718\
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Quant Time: Jul 28 03:36:50 2018
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 Quant Title : SW846 8260
 QLast Update : Fri Jul 27 13:11:52 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
71) Bromoform	9.97	173	39087	19.46	ug/l #	99
74) N-amyl acetate	9.93	43	3432	0.73	ug/l #	45
75) 1,1,2,2-Tetrachloroethane	10.50	83	6499	1.64	ug/l #	94
76) 1,2,3-Trichloropropane	10.50	75	223372	60.32	ug/l	87
81) trans-1,4-Dichloro-2-buten	10.50	75	223372	151.25	ug/l #	100
87) 1,3-Dichlorobenzene	11.42	146	246001	41.89	ug/l	99
88) 1,4-Dichlorobenzene	11.51	146	424779	69.38	ug/l	99
91) 1,2-Dichlorobenzene	11.89	146	522265	90.72	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.66	75	75416	80.19	ug/l	99
93) 1,2,4-Trichlorobenzene	13.51	180	173243	44.59	ug/l	99
95) Naphthalene	13.75	128	915436	72.77	ug/l	99
96) 1,2,3-Trichlorobenzene	13.99	180	1369	0.35	ug/l	84

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 4.98 min Scan# 1365

Delta R.T. -0.01 min

Lab File: VU025669.D

Acq: 27 Jul 2018 15:11

Instrument :

MSVOA_U

ClientSampleId :

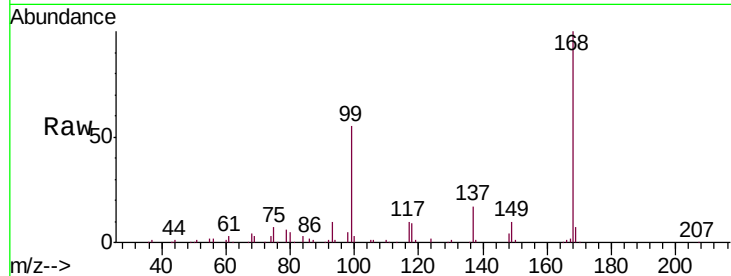
1565

Tot Ion:168 Resp: 166478

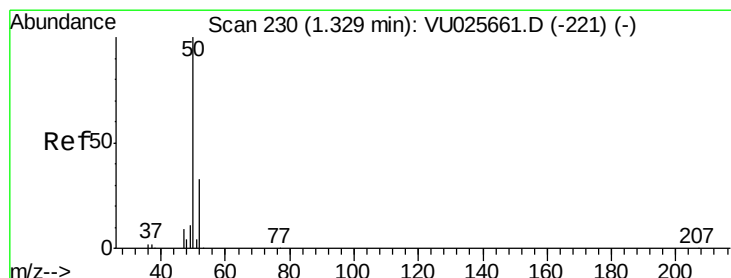
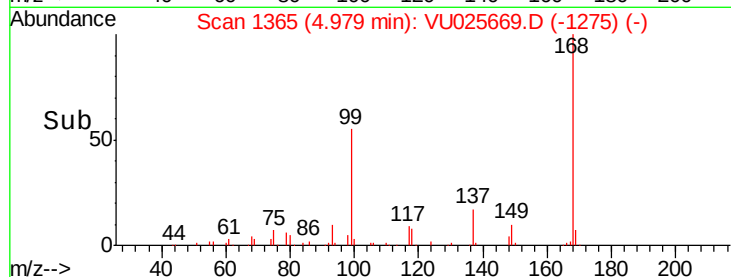
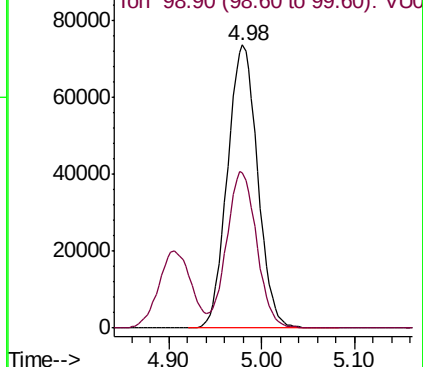
Ion Ratio Lower Upper

168 100

99 55.1 42.8 64.2



Abundance Ion 167.90 (167.60 to 168.60): VU025669.D (-1275) (-)



#3

Chloromethane

Concen: 0.60 ug/l

RT: 1.32 min Scan# 227

Delta R.T. -0.01 min

Lab File: VU025669.D

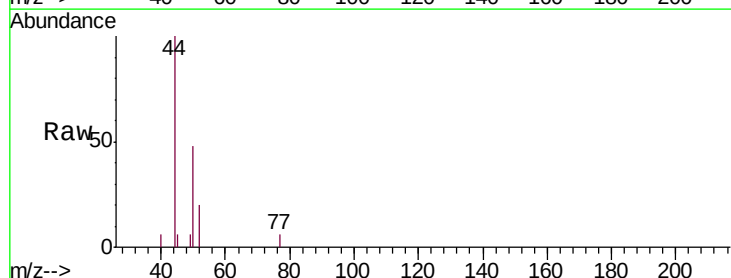
Acq: 27 Jul 2018 15:11

Tgt Ion: 50 Resp: 1436

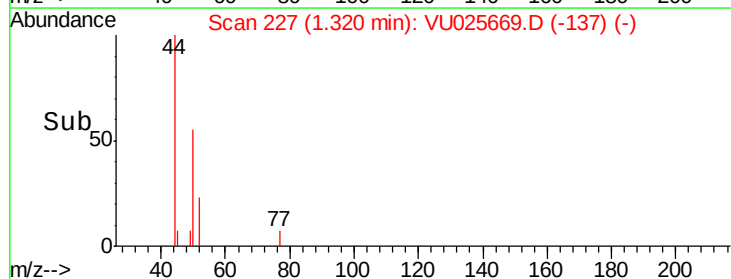
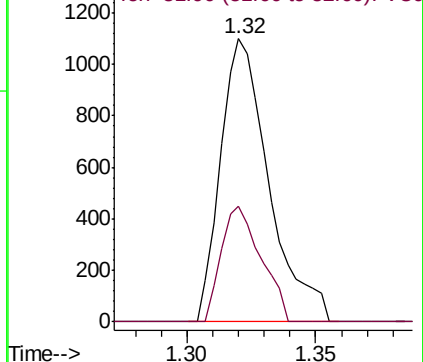
Ion Ratio Lower Upper

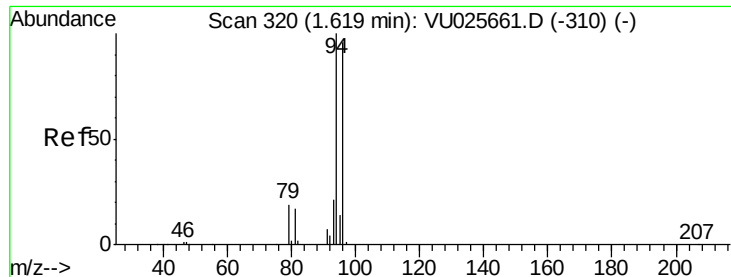
50 100

52 40.9 26.5 39.7#



Abundance Ion 49.90 (49.60 to 50.60): VU025669.D (-137) (-)





#5

Bromomethane

Concen: 1.26 ug/l

RT: 1.60 min Scan# 314

Delta R.T. -0.02 min

Lab File: VU025669.D

Acq: 27 Jul 2018 15:11

Instrument :

MSVOA_U

ClientSampleId :

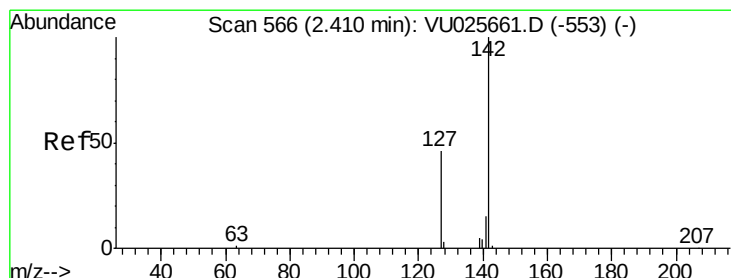
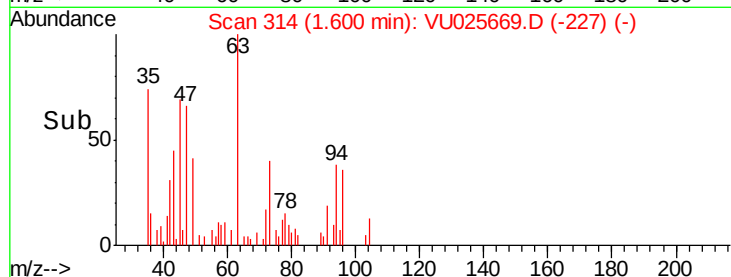
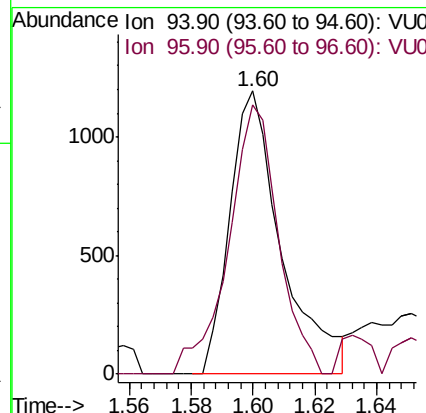
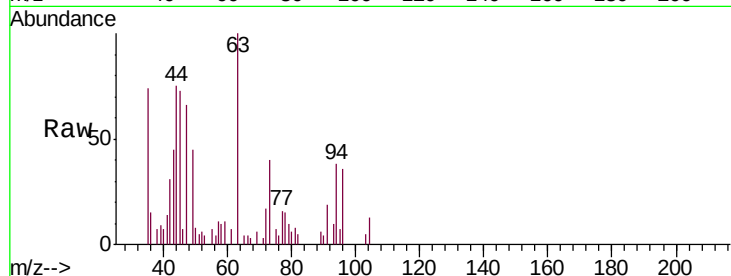
1565

Tot Ion: 94 Resp: 1392

Ion Ratio Lower Upper

94 100

96 85.8 75.0 112.4



#10

Methyl Iodide

Concen: 8.65 ug/l

RT: 2.43 min Scan# 572

Delta R.T. 0.02 min

Lab File: VU025669.D

Acq: 27 Jul 2018 15:11

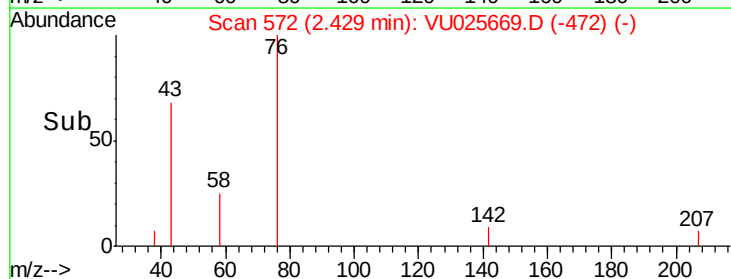
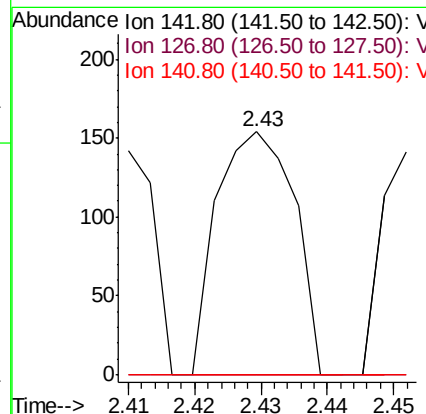
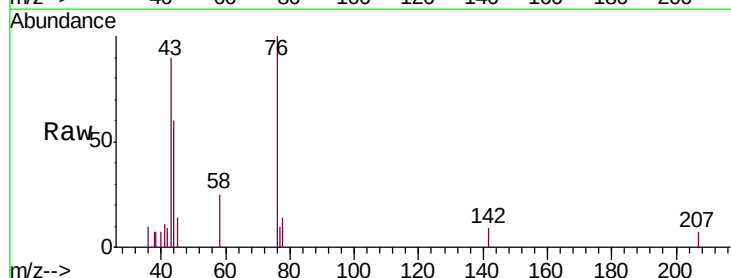
Tgt Ion: 142 Resp: 125

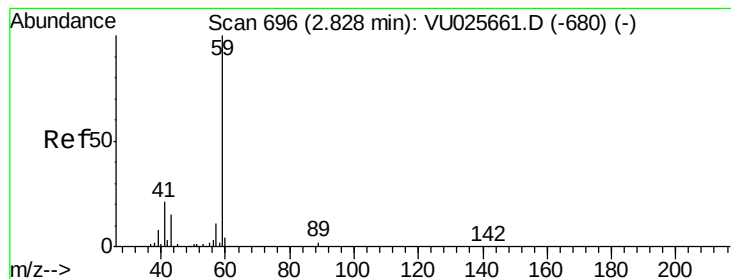
Ion Ratio Lower Upper

142 100

127 0.0 36.5 54.7#

141 0.0 11.4 17.2#



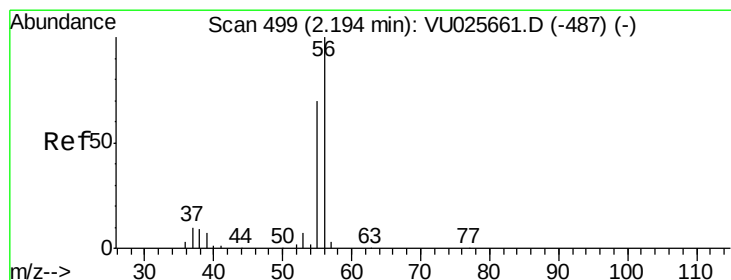
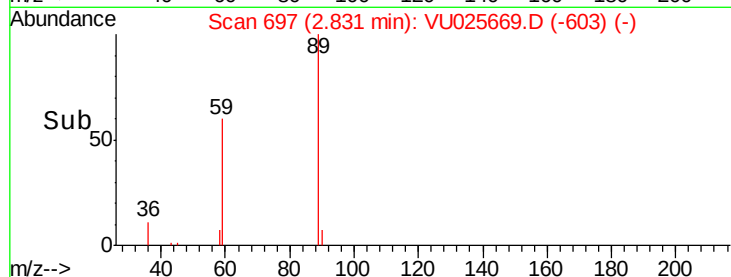
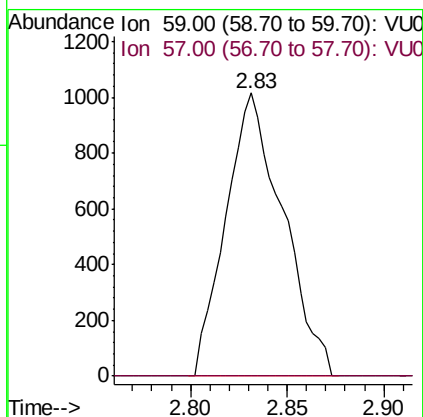
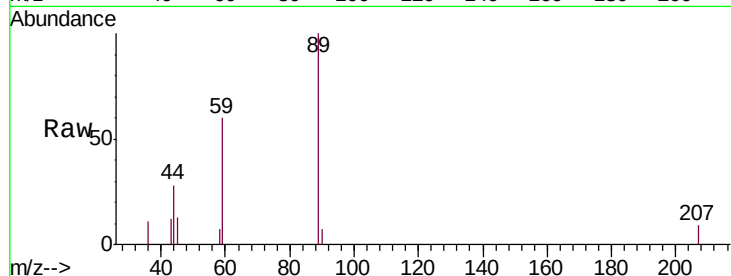


#11

Tert butyl alcohol
 Concen: 3.67 ug/l
 RT: 2.83 min Scan# 697
 Delta R.T. 0.00 min
 Lab File: VU025669.D
 Acq: 27 Jul 2018 15:11

Instrument :
 MSVOA_U
 ClientSampleId :
 1565

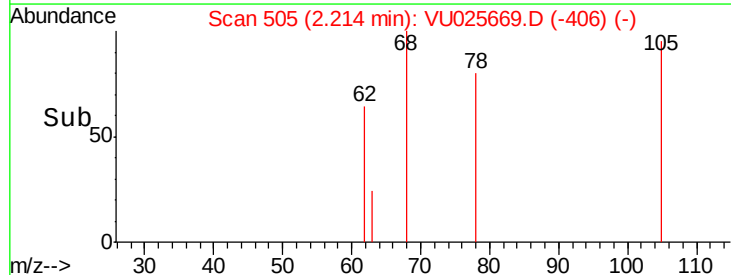
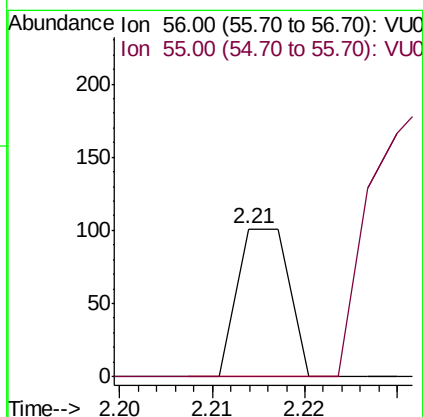
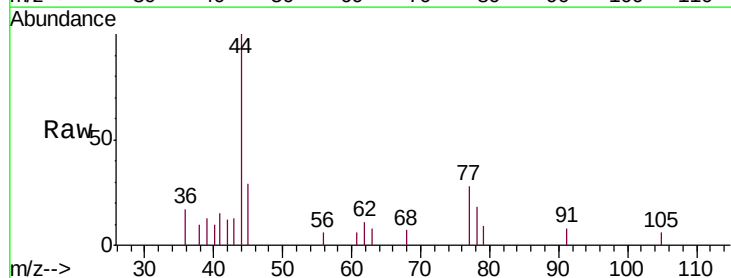
Tot Ion: 59 Resp: 2085
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.2 12.2#

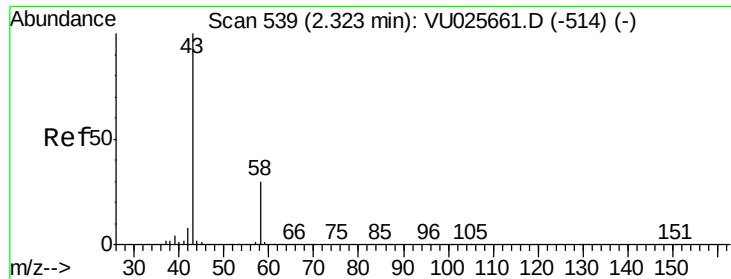


#13

Acrolein
 Concen: Below Cal
 RT: 2.21 min Scan# 505
 Delta R.T. 0.02 min
 Lab File: VU025669.D
 Acq: 27 Jul 2018 15:11

Tgt Ion: 56 Resp: 39
 Ion Ratio Lower Upper
 56 100
 55 0.0 57.2 85.8#





#16

Acetone

Concen: 209.57 ug/l

RT: 2.35 min Scan# 548

Delta R.T. 0.03 min

Lab File: VU025669.D

Acq: 27 Jul 2018 15:11

Instrument :

MSVOA_U

ClientSampleId :

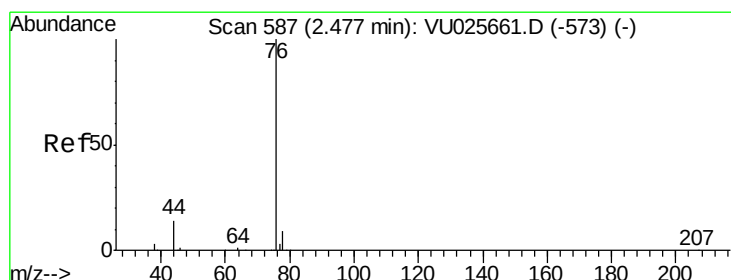
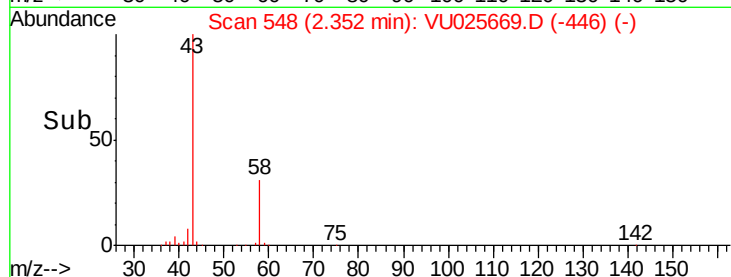
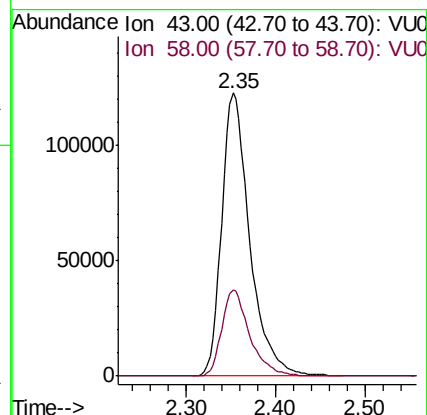
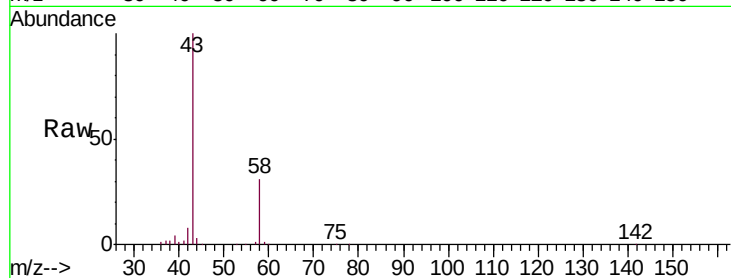
1565

Tot Ion: 43 Resp: 265027

Ion Ratio Lower Upper

43 100

58 30.7 23.1 34.7



#17

Carbon Disulfide

Concen: 0.41 ug/l

RT: 2.43 min Scan# 572

Delta R.T. -0.05 min

Lab File: VU025669.D

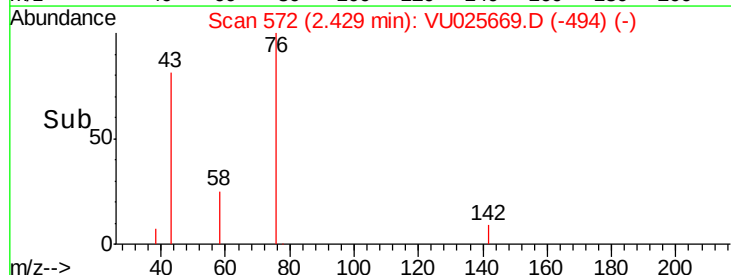
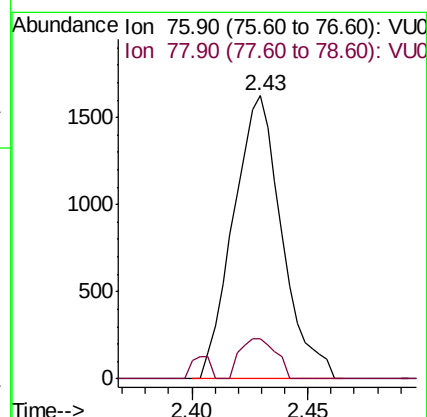
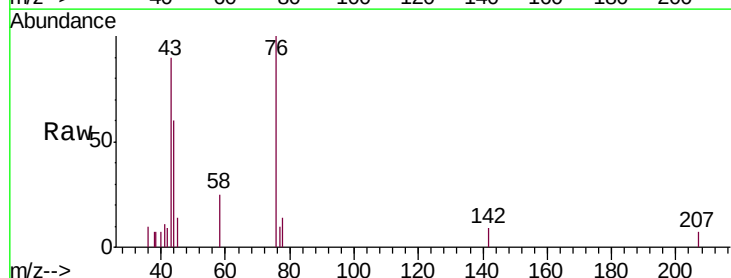
Acq: 27 Jul 2018 15:11

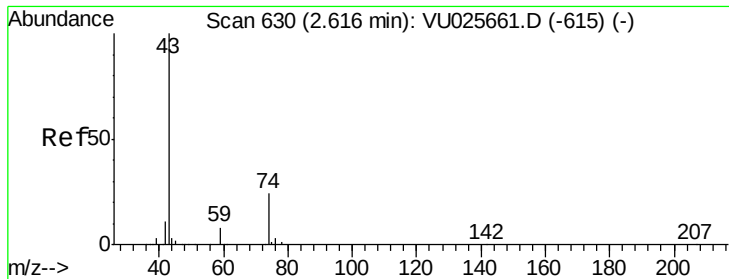
Tgt Ion: 76 Resp: 2362

Ion Ratio Lower Upper

76 100

78 14.3 7.4 11.2#

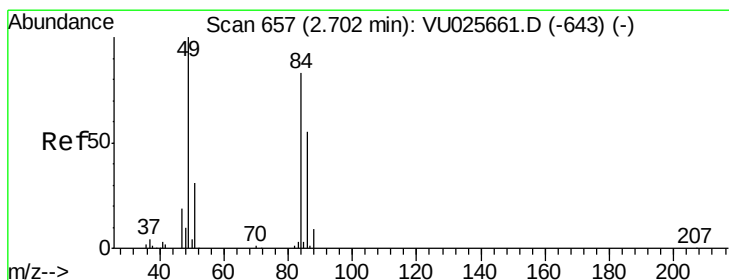
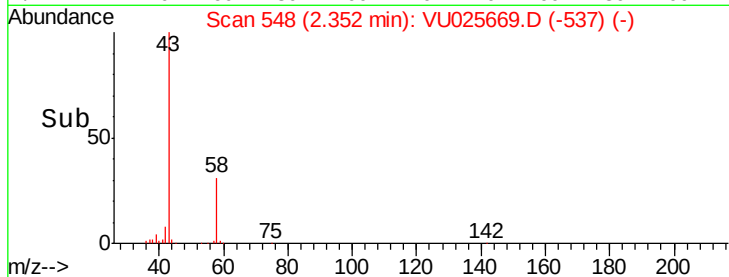
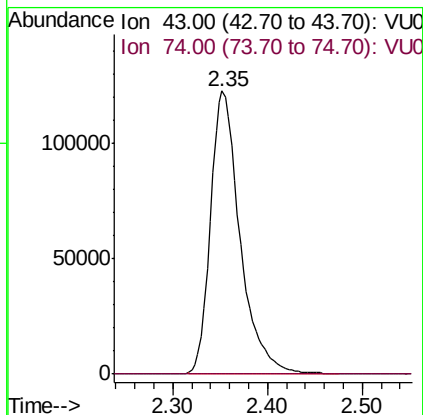
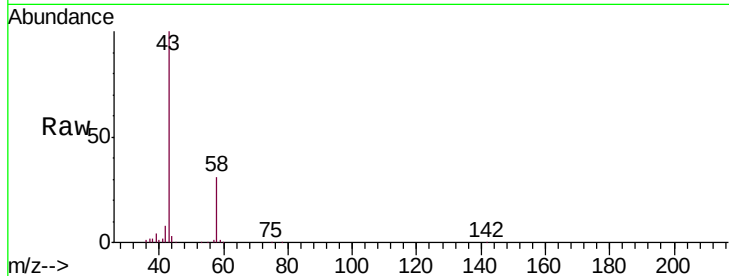




#18
Methyl Acetate
Concen: 86.78 ug/l
RT: 2.35 min Scan# 548
Delta R.T. -0.26 min
Lab File: VU025669.D
Acq: 27 Jul 2018 15:11

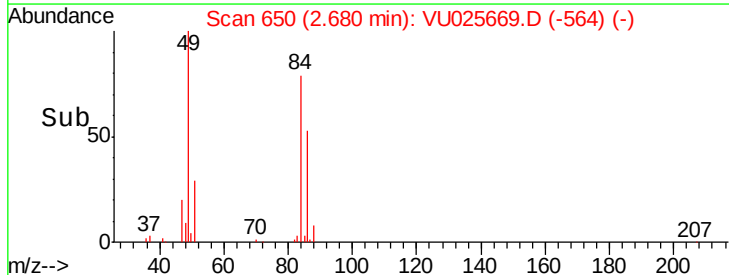
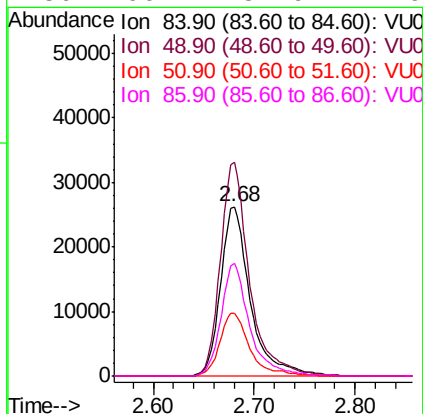
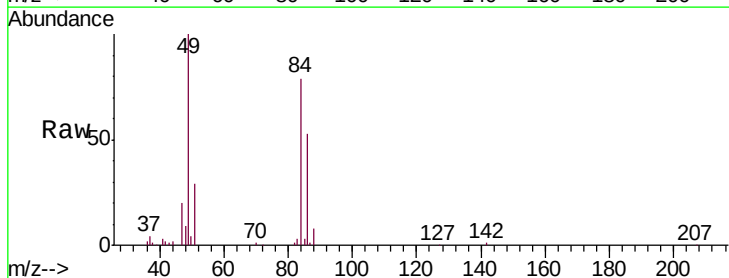
Instrument :
MSVOA_U
ClientSampled :
1565

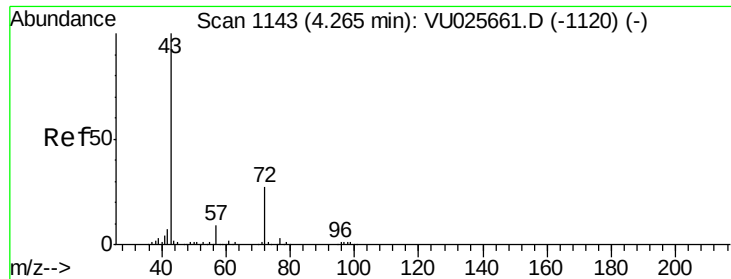
Tot Ion: 43 Resp: 264143
Ion Ratio Lower Upper
43 100
74 0.0 18.5 27.7#



#20
Methylene Chloride
Concen: 24.02 ug/l
RT: 2.68 min Scan# 650
Delta R.T. -0.02 min
Lab File: VU025669.D
Acq: 27 Jul 2018 15:11

Tgt Ion: 84 Resp: 53845
Ion Ratio Lower Upper
84 100
49 126.1 101.8 152.6
51 37.2 30.8 46.2
86 66.4 51.9 77.9

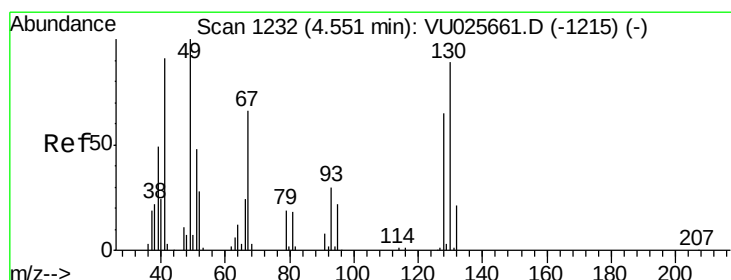
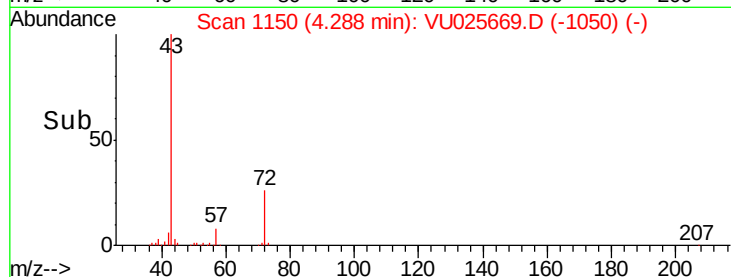
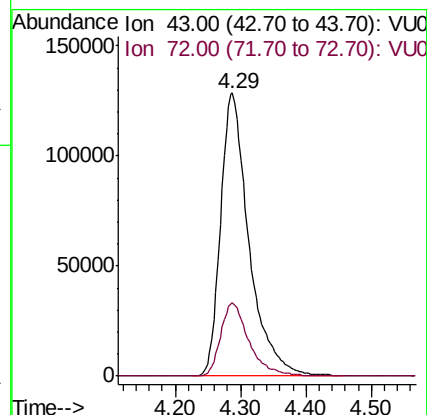
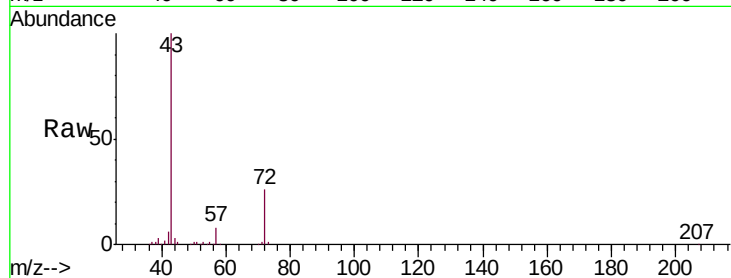




#25
2-Butanone
Concen: 225.18 ug/l
RT: 4.29 min Scan# 1150
Delta R.T. 0.02 min
Lab File: VU025669.D
Acq: 27 Jul 2018 15:11

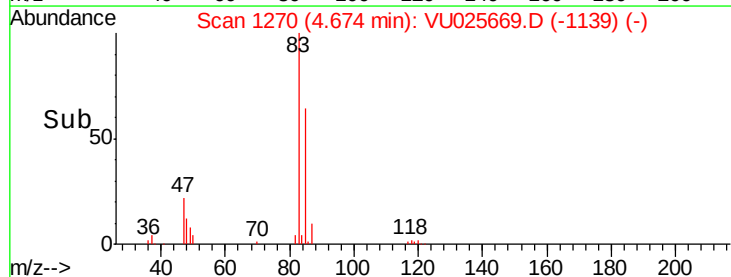
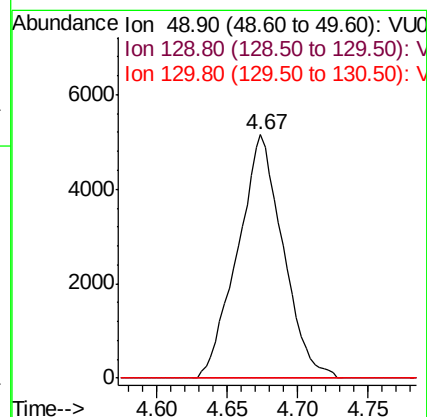
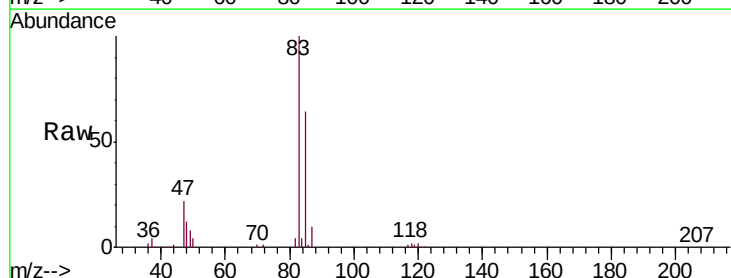
Instrument :
MSVOA_U
ClientSampled :
1565

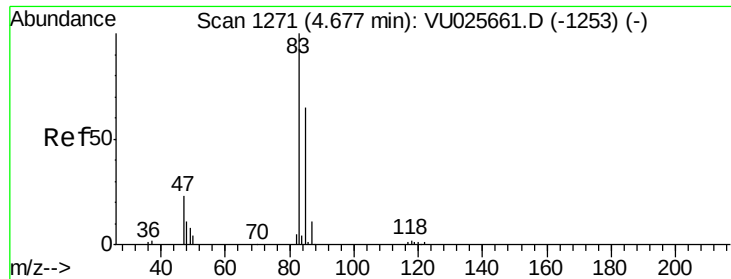
Tot Ion: 43 Resp: 387647
Ion Ratio Lower Upper
43 100
72 25.8 21.0 31.4



#28
Bromochloromethane
Concen: 6.81 ug/l
RT: 4.67 min Scan# 1270
Delta R.T. 0.12 min
Lab File: VU025669.D
Acq: 27 Jul 2018 15:11

Tgt Ion: 49 Resp: 11568
Ion Ratio Lower Upper
49 100
129 0.0 0.0 4.6
130 0.0 68.6 102.8#

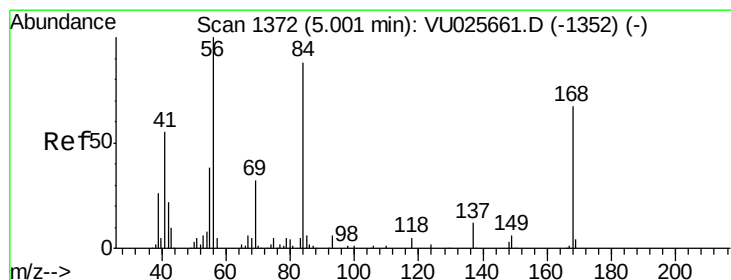
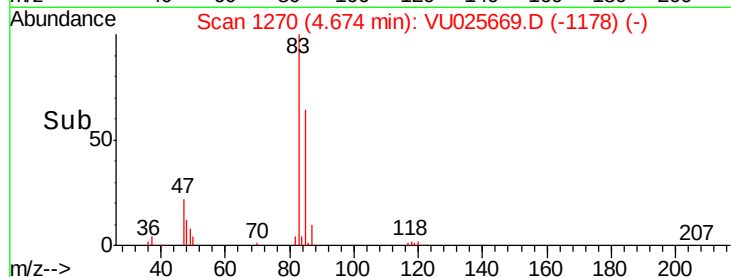
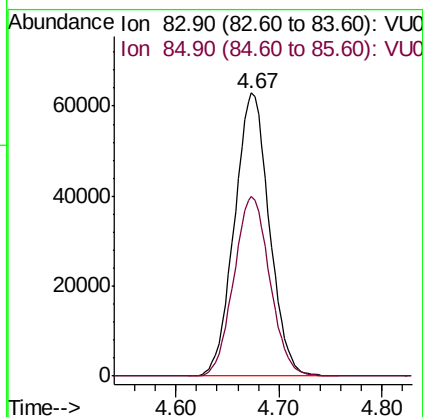
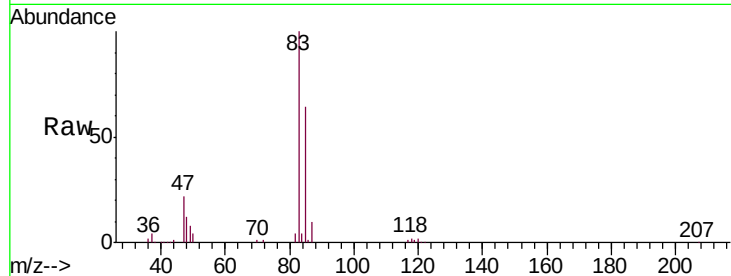




#30
Chloroform
Concen: 36.92 ug/l
RT: 4.67 min Scan# 1270
Delta R.T. -0.00 min
Lab File: VU025669.D
Acq: 27 Jul 2018 15:11

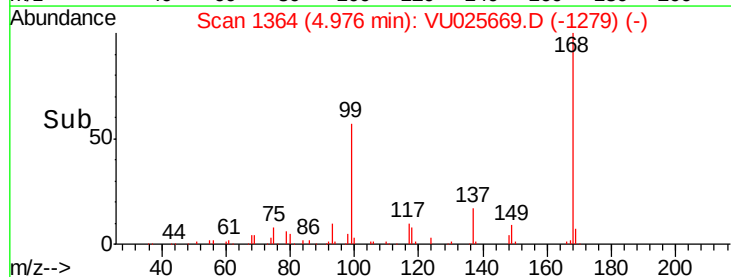
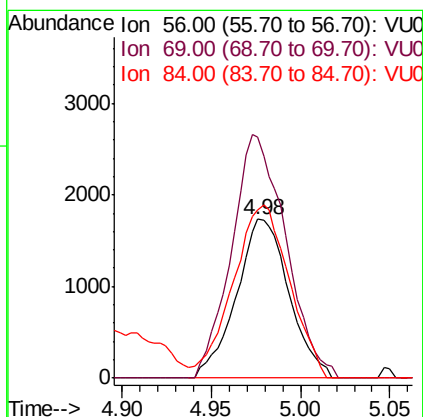
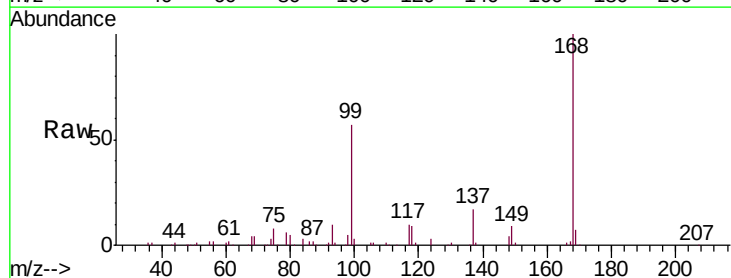
Instrument :
MSVOA_U
ClientSampleId :
1565

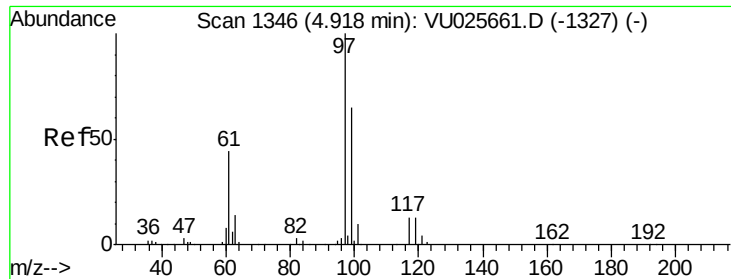
Tot Ion: 83 Resp: 148073
Ion Ratio Lower Upper
83 100
85 63.5 51.5 77.3



#31
Cyclohexane
Concen: Below Cal
RT: 4.98 min Scan# 1364
Delta R.T. -0.03 min
Lab File: VU025669.D
Acq: 27 Jul 2018 15:11

Tgt Ion: 56 Resp: 3570
Ion Ratio Lower Upper
56 100
69 152.1 26.8 40.2#
84 105.7 69.7 104.5#





#32

1,1,1-Trichloroethane

Concen: 21.43 ug/l

RT: 4.91 min Scan# 1342

Delta R.T. -0.01 min

Lab File: VU025669.D

Acq: 27 Jul 2018 15:11

Instrument :

MSVOA_U

ClientSampleId :

1565

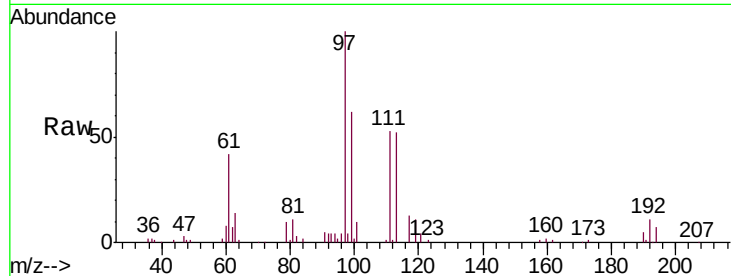
Tot Ion: 97 Resp: 77387

Ion Ratio Lower Upper

97 100

99 64.0 50.8 76.2

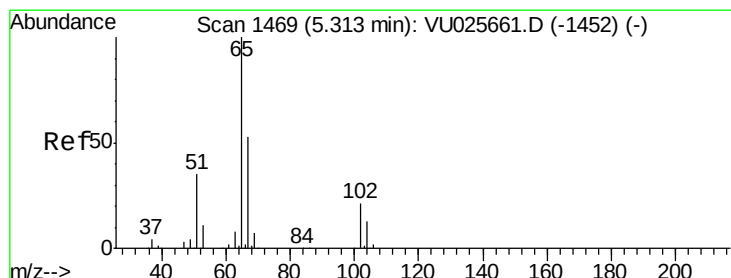
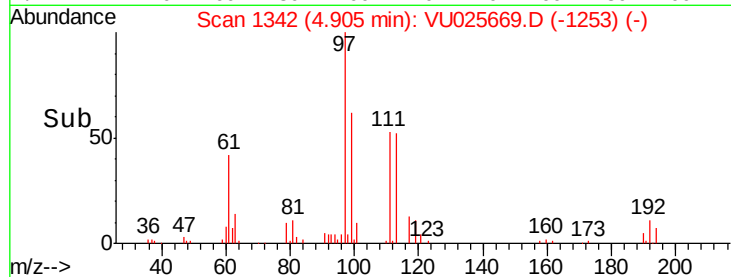
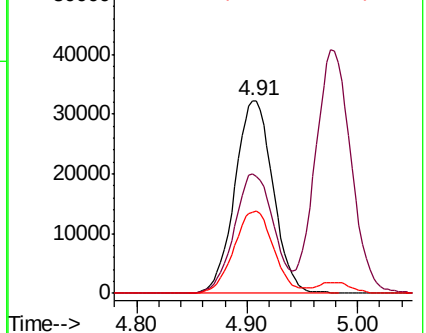
61 44.1 35.2 52.8



Abundance Ion 96.90 (96.60 to 97.60): VU0

Ion 98.90 (98.60 to 99.60): VU0

Ion 60.90 (60.60 to 61.60): VU0



#33

1,2-Dichloroethane-d4

Concen: 49.38 ug/l

RT: 5.31 min Scan# 1467

Delta R.T. -0.01 min

Lab File: VU025669.D

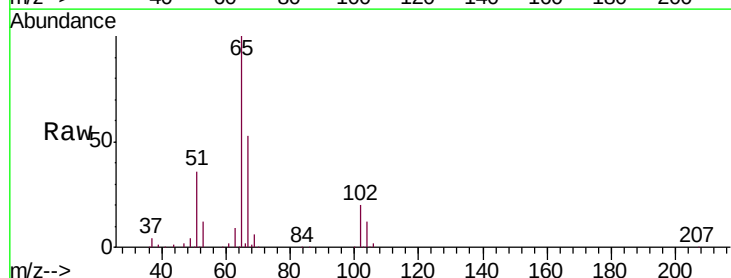
Acq: 27 Jul 2018 15:11

Tgt Ion: 65 Resp: 128094

Ion Ratio Lower Upper

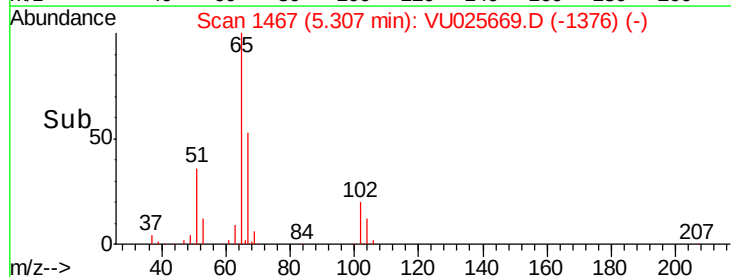
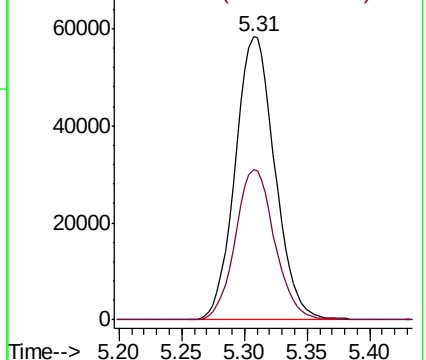
65 100

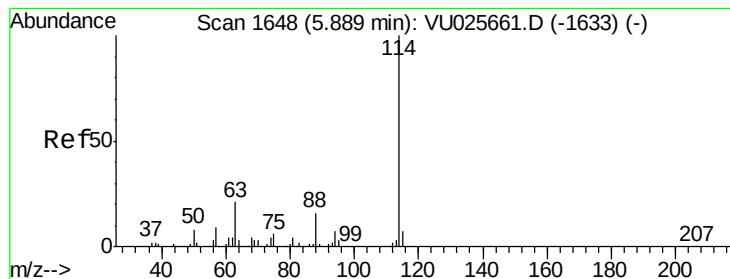
67 52.7 0.0 103.6



Abundance Ion 64.90 (64.60 to 65.60): VU0

Ion 66.90 (66.60 to 67.60): VU0





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 5.89 min Scan# 1647

Delta R.T. -0.00 min

Lab File: VU025669.D

Acq: 27 Jul 2018 15:11

Instrument :

MSVOA_U

ClientSampleId :

1565

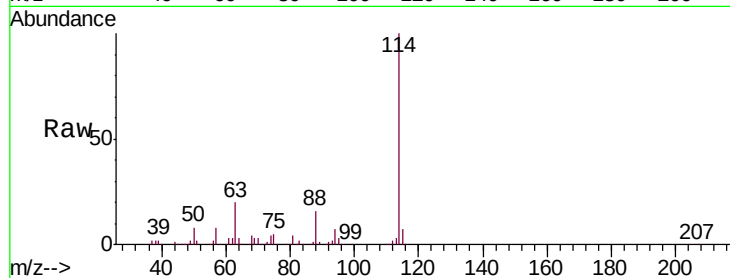
Tot Ion:114 Resp: 251587

Ion Ratio Lower Upper

114 100

63 20.3 0.0 41.6

88 15.9 0.0 32.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VU0

Ion 87.90 (87.60 to 88.60): VU0

150000

100000

50000

0

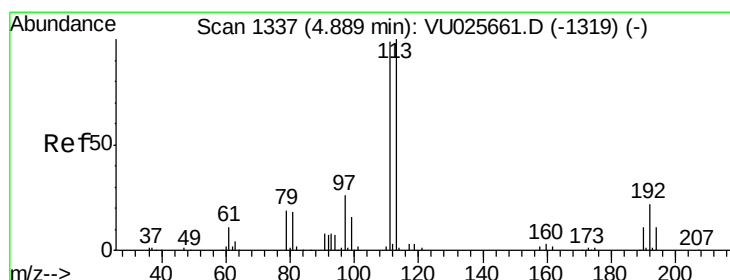
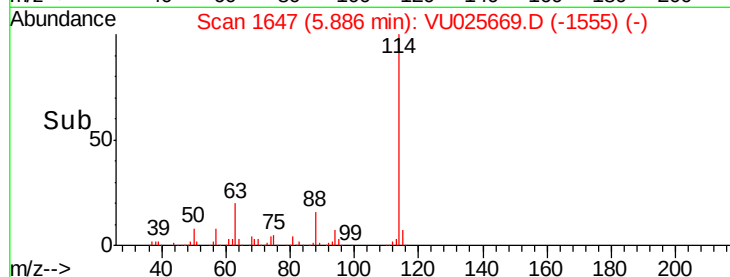
5.89

5.80

5.90

6.00

Time-->



#35

Dibromofluoromethane

Concen: 46.66 ug/l

RT: 4.88 min Scan# 1335

Delta R.T. -0.01 min

Lab File: VU025669.D

Acq: 27 Jul 2018 15:11

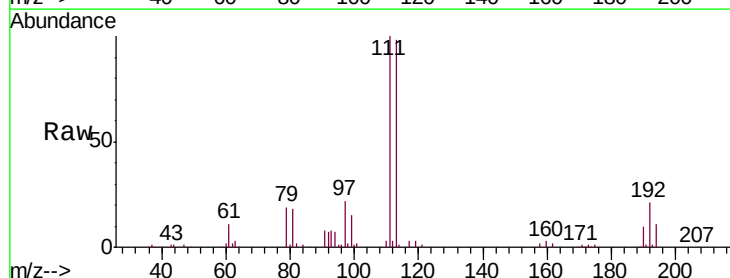
Tgt Ion:113 Resp: 102108

Ion Ratio Lower Upper

113 100

111 103.0 81.7 122.5

192 21.0 17.1 25.7



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

60000

50000

40000

30000

20000

10000

0

4.88

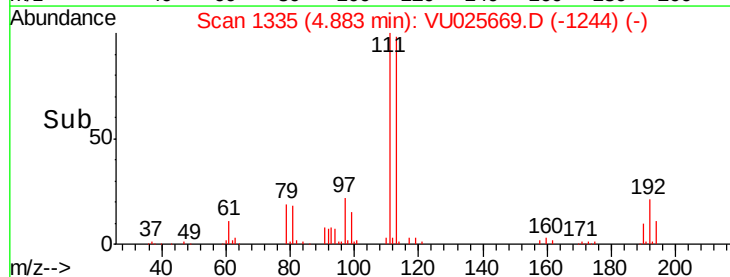
4.80

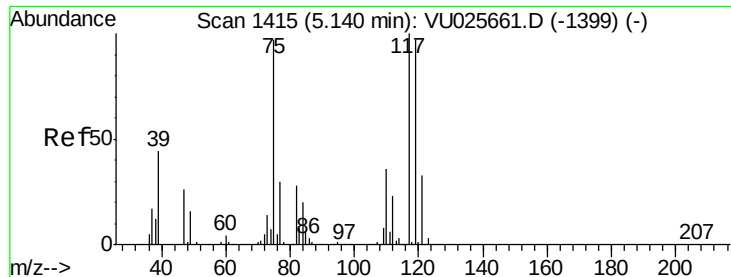
4.85

4.90

4.95

Time-->





#36

1,1-Dichloropropene

Concen: 4.31 ug/l

RT: 4.98 min Scan# 1364

Delta R.T. -0.16 min

Lab File: VU025669.D

Acq: 27 Jul 2018 15:11

Instrument :
MSVOA_U
ClientSampleId :
1565

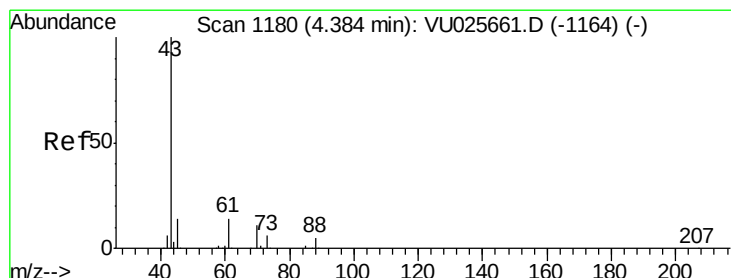
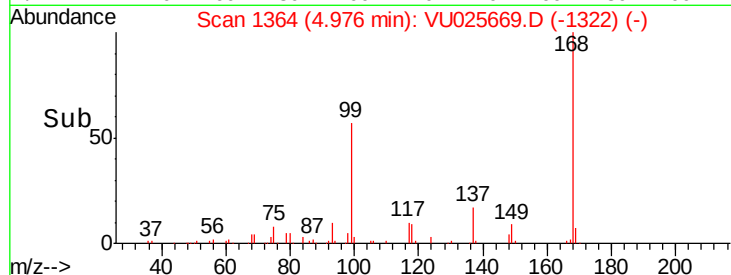
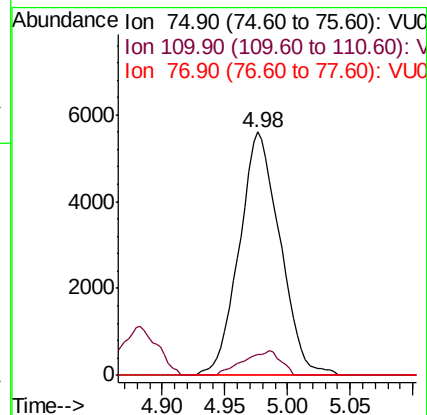
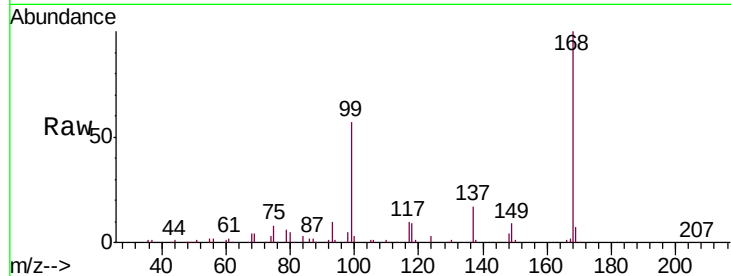
Tot Ion: 75 Resp: 12676

Ion Ratio Lower Upper

75 100

110 9.2 17.6 52.9#

77 0.0 24.4 36.6#



#37

Ethyl Acetate

Concen: 127.15 ug/l

RT: 4.29 min Scan# 1150

Delta R.T. -0.10 min

Lab File: VU025669.D

Acq: 27 Jul 2018 15:11

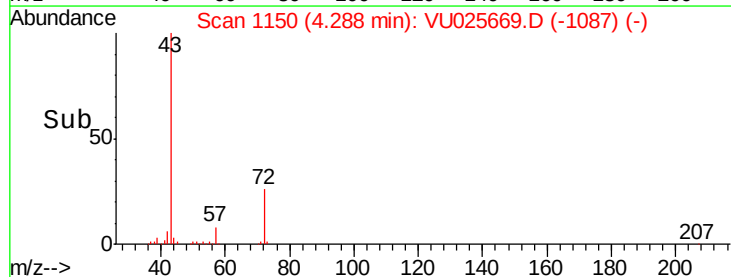
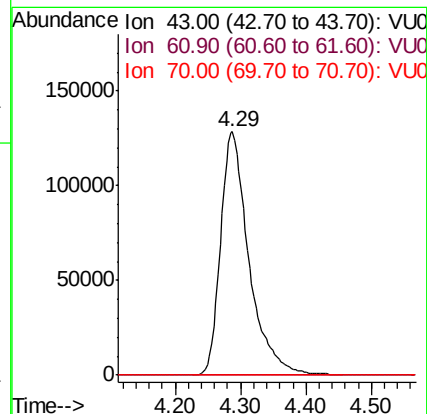
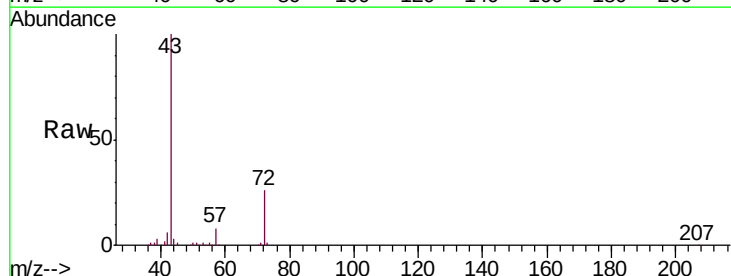
Tgt Ion: 43 Resp: 387647

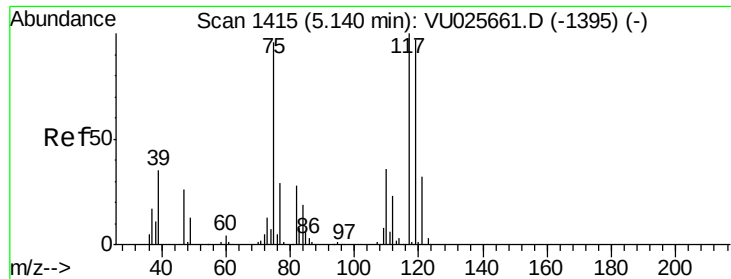
Ion Ratio Lower Upper

43 100

61 0.0 10.7 16.1#

70 0.0 8.4 12.6#





#38

Carbon Tetrachloride

Concen: 21.31 ug/l

RT: 5.12 min Scan# 1410

Delta R.T. -0.02 min

Lab File: VU025669.D

Acq: 27 Jul 2018 15:11

Instrument :

MSVOA_U

ClientSampleId :

1565

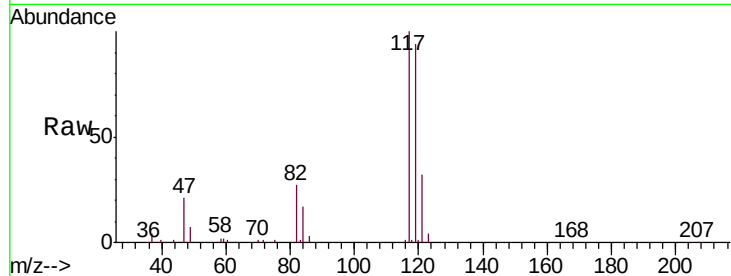
Tot Ion:117 Resp: 70973

Ion Ratio Lower Upper

117 100

119 94.4 75.7 113.5

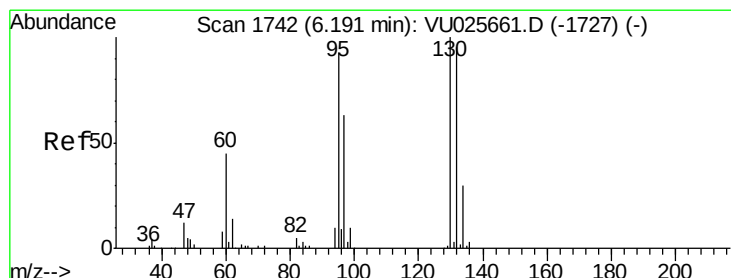
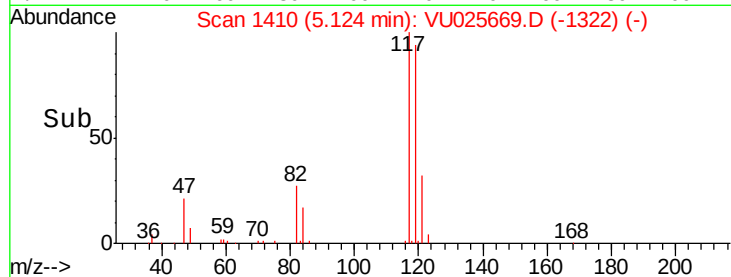
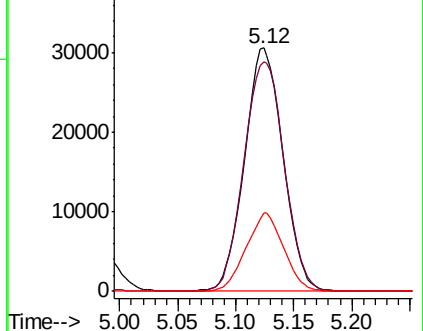
121 32.0 24.6 36.8



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#44

Trichloroethene

Concen: 29.13 ug/l

RT: 6.18 min Scan# 1740

Delta R.T. -0.01 min

Lab File: VU025669.D

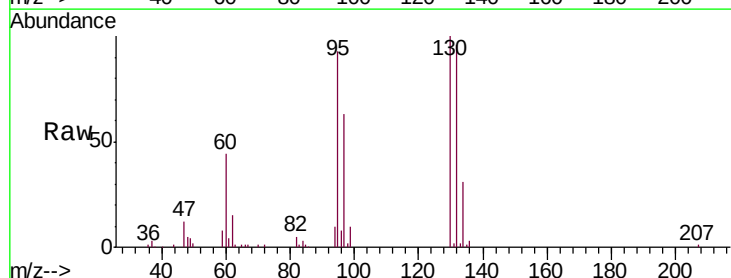
Acq: 27 Jul 2018 15:11

Tgt Ion:130 Resp: 69712

Ion Ratio Lower Upper

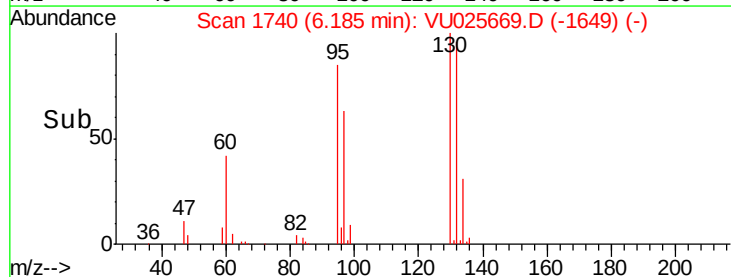
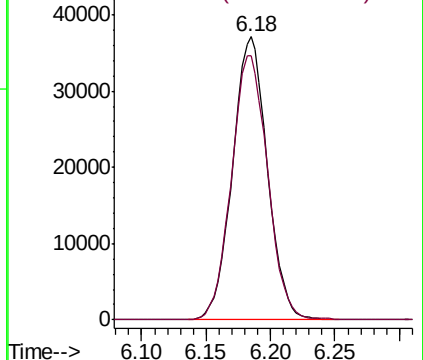
130 100

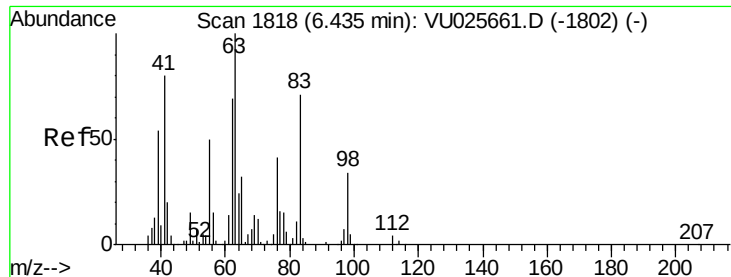
95 93.2 0.0 192.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VU0

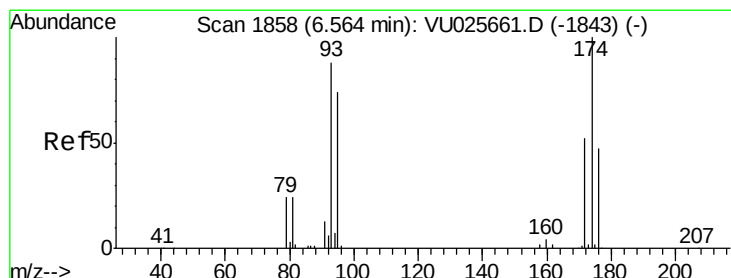
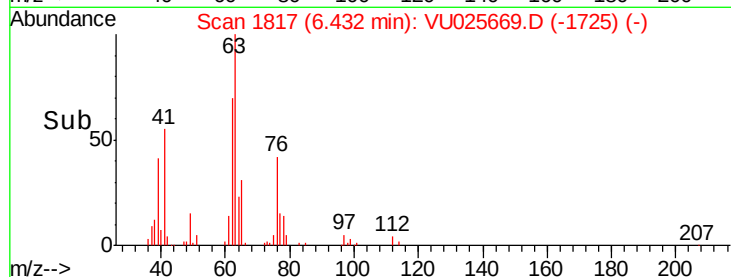
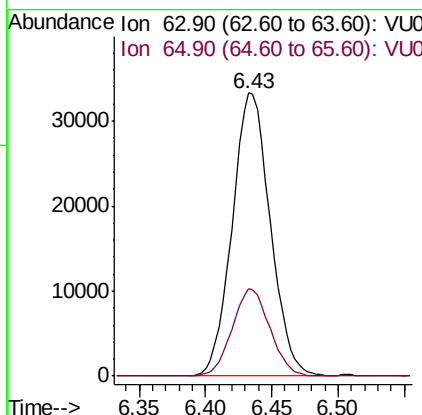
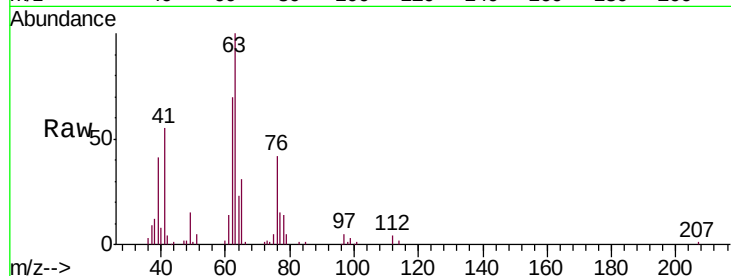




#45
 1,2-Dichloropropane
 Concen: 29.63 ug/l
 RT: 6.43 min Scan# 1817
 Delta R.T. -0.00 min
 Lab File: VU025669.D
 Acq: 27 Jul 2018 15:11

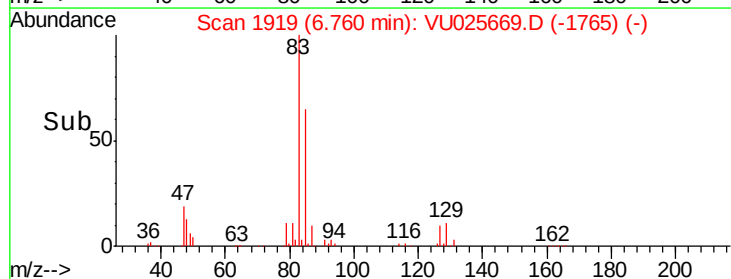
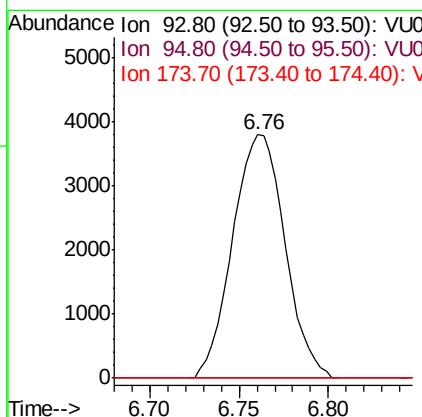
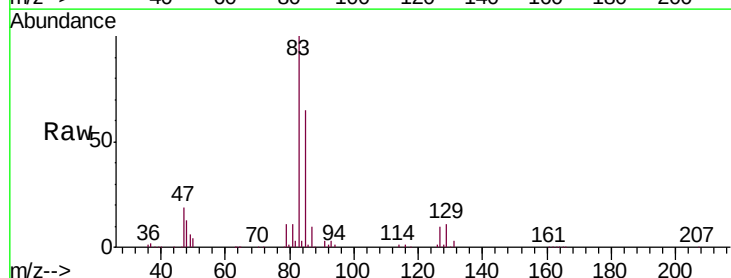
Instrument :
 MSVOA_U
 ClientSampled :
 1565

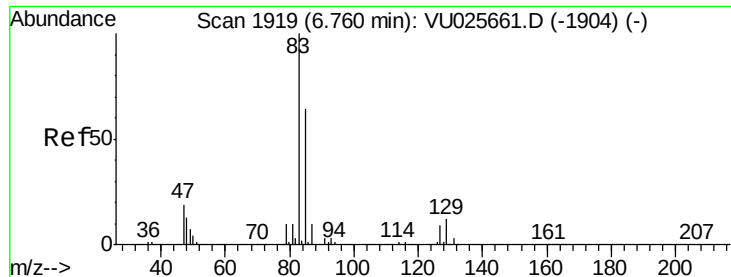
Tot Ion: 63 Resp: 66407
 Ion Ratio Lower Upper
 63 100
 65 30.8 26.1 39.1



#46
 Dibromomethane
 Concen: 4.77 ug/l
 RT: 6.76 min Scan# 1919
 Delta R.T. 0.20 min
 Lab File: VU025669.D
 Acq: 27 Jul 2018 15:11

Tgt Ion: 93 Resp: 7748
 Ion Ratio Lower Upper
 93 100
 95 0.0 66.6 100.0#
 174 0.0 85.8 128.8#

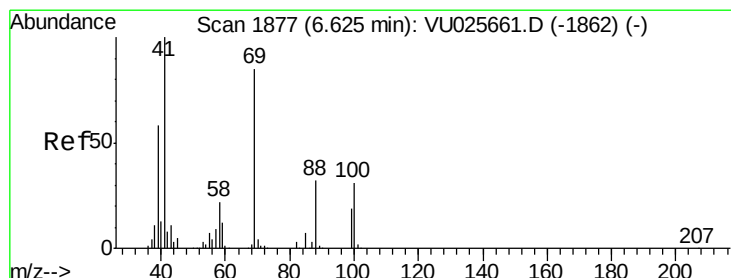
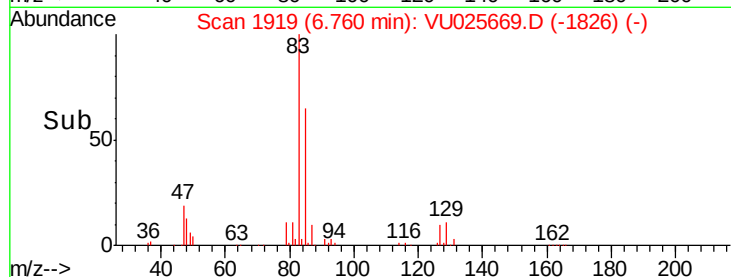
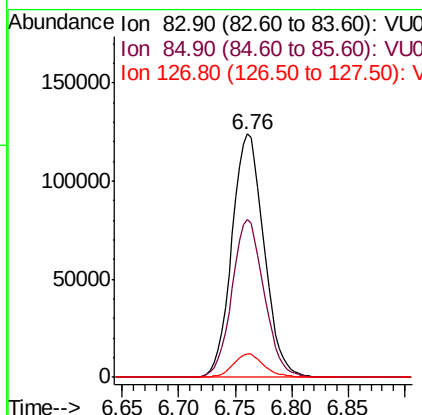
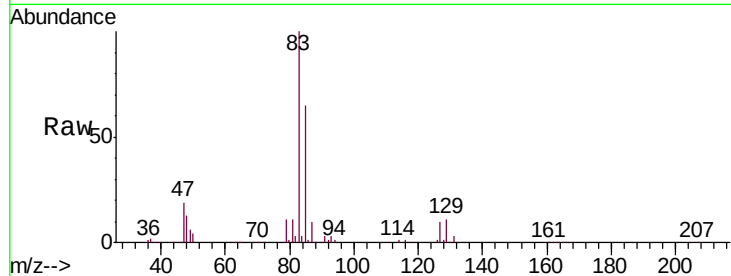




#47
Bromodichloromethane
Concen: 79.31 ug/l
RT: 6.76 min Scan# 1919
Delta R.T. 0.00 min
Lab File: VU025669.D
Acq: 27 Jul 2018 15:11

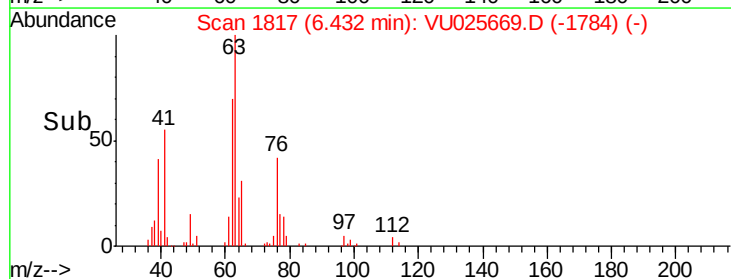
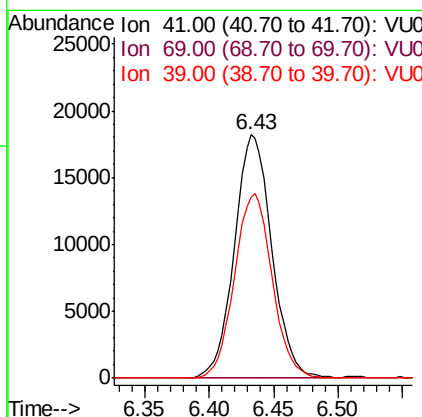
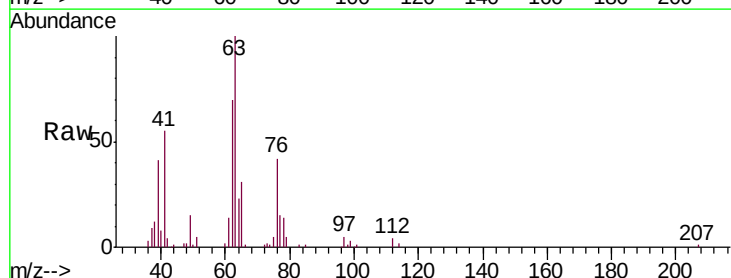
Instrument :
MSVOA_U
ClientSampleId :
1565

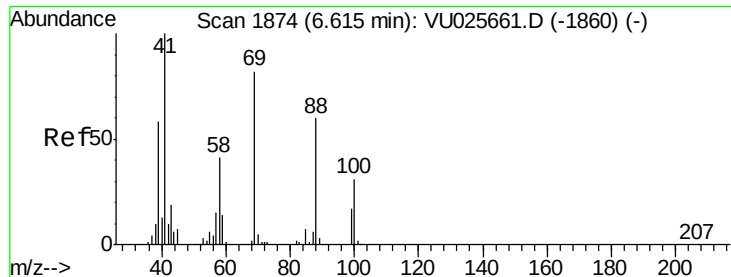
Tot Ion	83	Resp	245687
Ion Ratio	Lower	Upper	
83	100		
85	64.9	50.2	75.4
127	9.5	7.2	10.8



#48
Methyl methacrylate
Concen: 14.88 ug/l
RT: 6.43 min Scan# 1817
Delta R.T. -0.19 min
Lab File: VU025669.D
Acq: 27 Jul 2018 15:11

Tgt Ion	41	Resp	36748
Ion Ratio	Lower	Upper	
41	100		
69	0.0	65.0	97.4#
39	76.2	46.4	69.6#

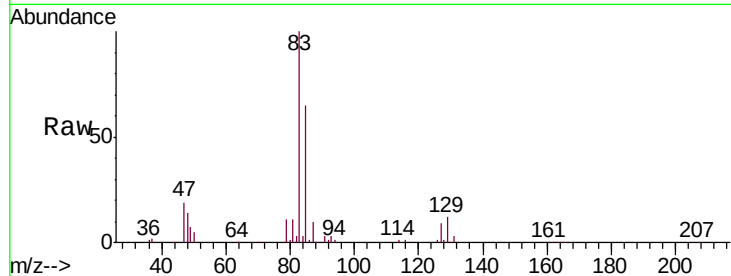




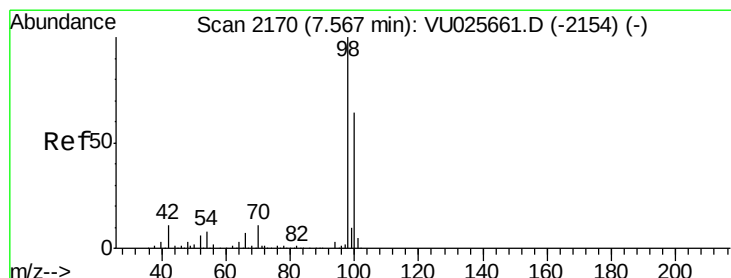
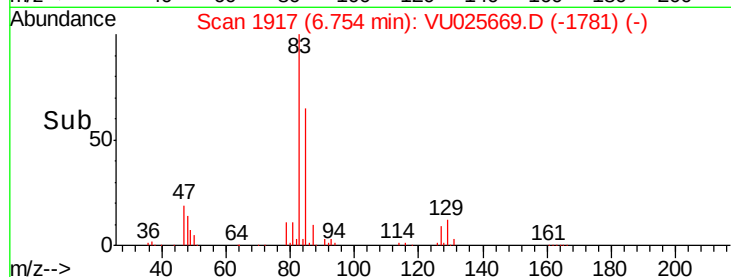
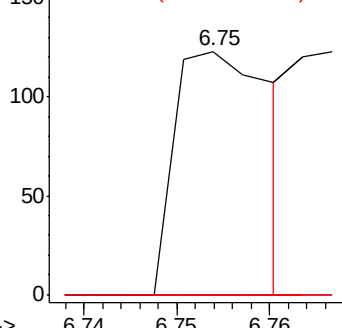
#49
1,4-Dioxane
Concen: 1.48 ug/l
RT: 6.75 min Scan# 1917
Delta R.T. 0.14 min
Lab File: VU025669.D
Acq: 27 Jul 2018 15:11

Instrument :
MSVOA_U
ClientSampleId :
1565

Tot Ion: 88 Resp: 89
Ion Ratio Lower Upper
88 100
43 51.7 27.3 40.9#
58 0.0 57.6 86.4#

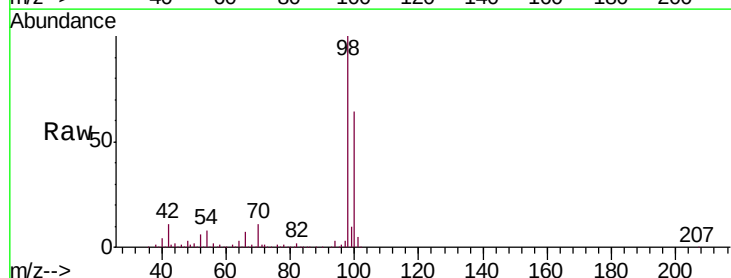


Abundance Ion 88.00 (87.70 to 88.70): VU0
Ion 43.00 (42.70 to 43.70): VU0
Ion 58.00 (57.70 to 58.70): VU0

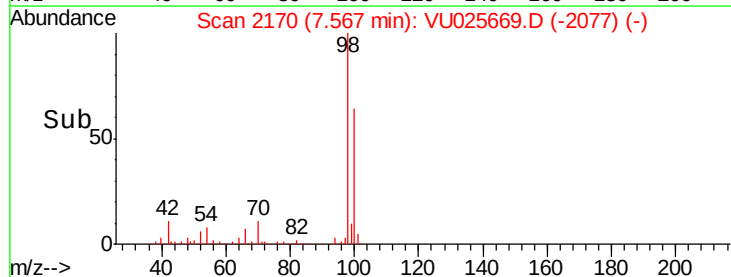
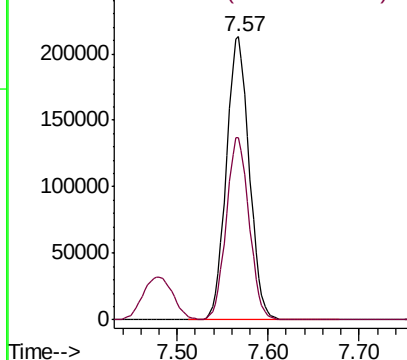


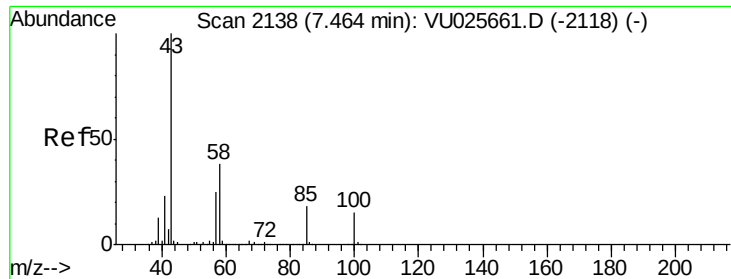
#50
Toluene-d8
Concen: 48.60 ug/l
RT: 7.57 min Scan# 2170
Delta R.T. 0.00 min
Lab File: VU025669.D
Acq: 27 Jul 2018 15:11

Tgt Ion: 98 Resp: 372121
Ion Ratio Lower Upper
98 100
100 64.1 51.1 76.7



Abundance Ion 98.00 (97.70 to 98.70): VU0
Ion 100.00 (99.70 to 100.70): VU0

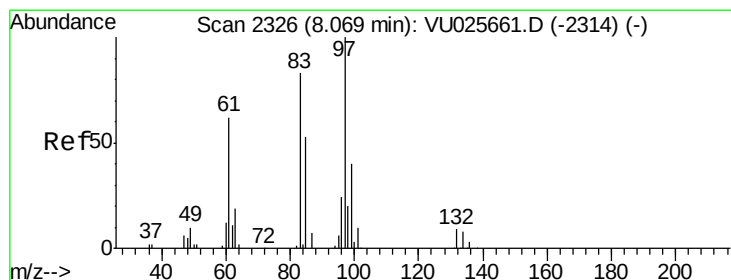
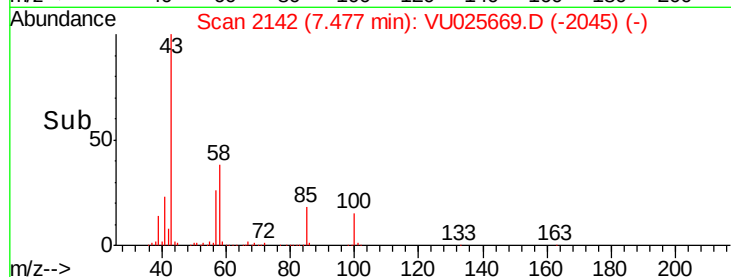
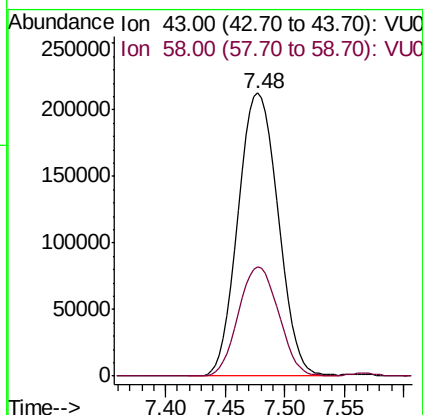
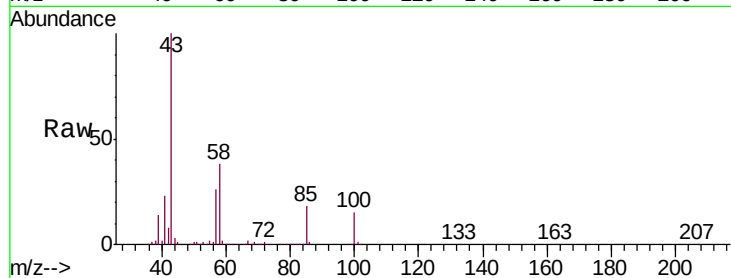




#51
 4-Methyl-2-Pentanone
 Concen: 158.03 ug/l
 RT: 7.48 min Scan# 2142
 Delta R.T. 0.01 min
 Lab File: VU025669.D
 Acq: 27 Jul 2018 15:11

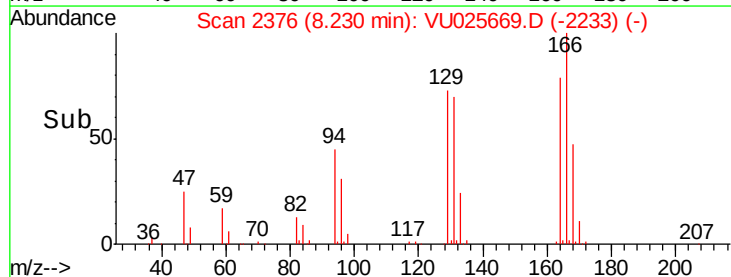
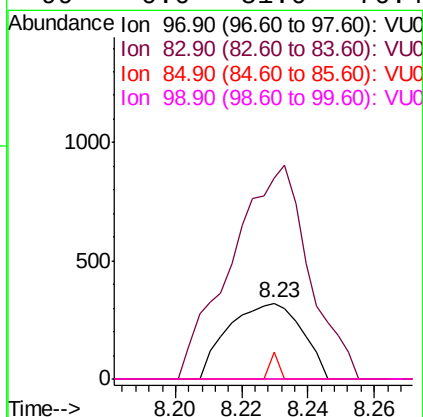
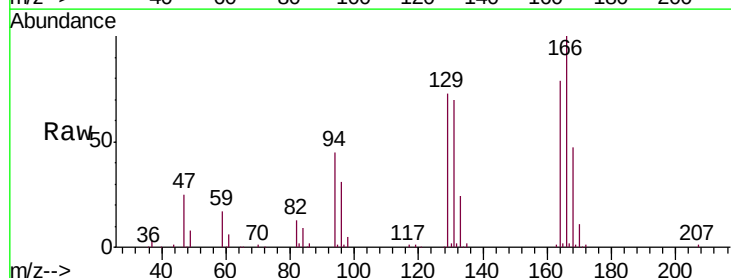
Instrument :
 MSVOA_U
 ClientSampleID :
 1565

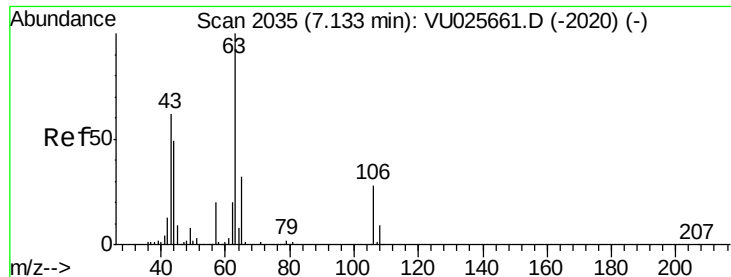
Tot Ion: 43 Resp: 498447
 Ion Ratio Lower Upper
 43 100
 58 38.6 31.0 46.4



#55
 1,1,2-Trichloroethane
 Concen: 0.22 ug/l
 RT: 8.23 min Scan# 2376
 Delta R.T. 0.16 min
 Lab File: VU025669.D
 Acq: 27 Jul 2018 15:11

Tgt Ion: 97 Resp: 493
 Ion Ratio Lower Upper
 97 100
 83 220.8 68.9 103.3#
 85 34.8 44.4 66.6#
 99 0.0 51.0 76.4#

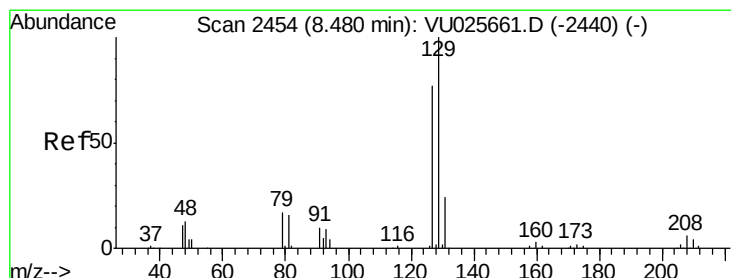
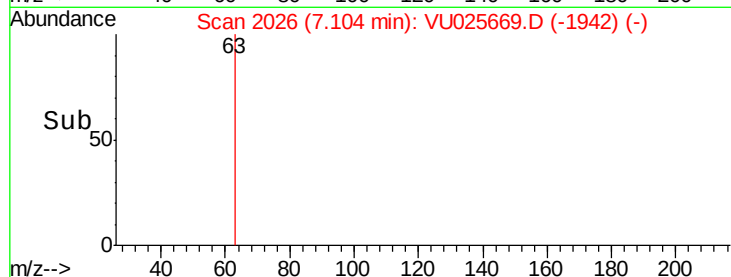
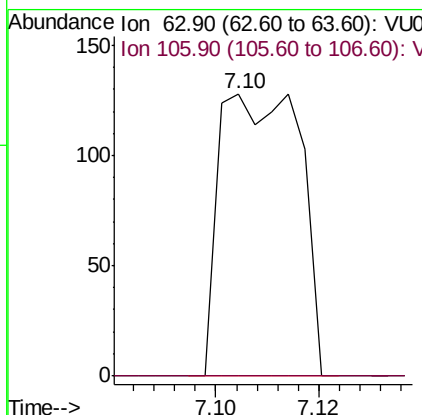
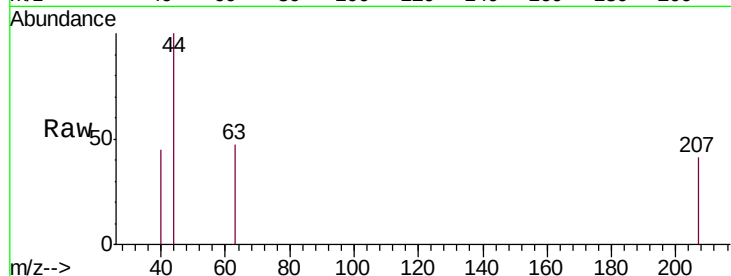




#58
 2-Chloroethyl Vinyl ether
 Concen: 7.17 ug/l
 RT: 7.10 min Scan# 2026
 Delta R.T. -0.03 min
 Lab File: VU025669.D
 Acq: 27 Jul 2018 15:11

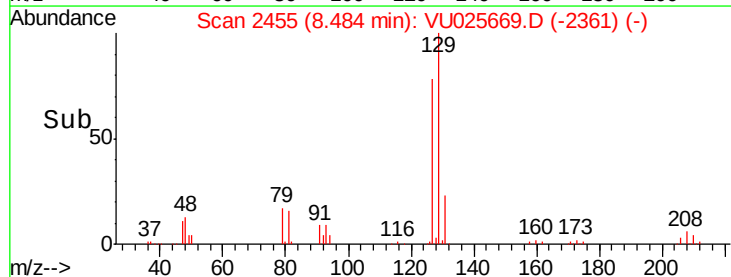
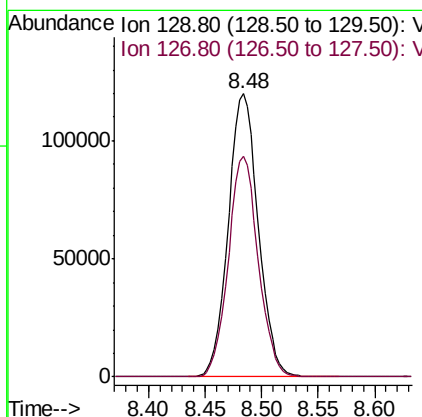
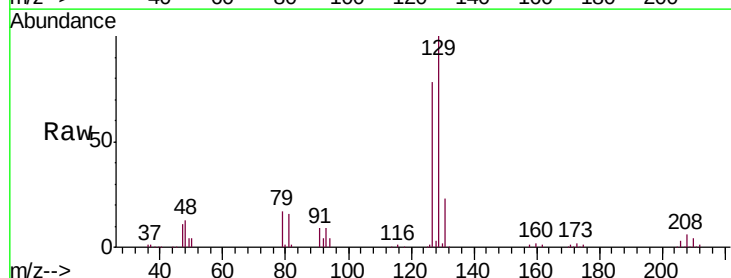
Instrument :
 MSVOA_U
 ClientSampleId :
 1565

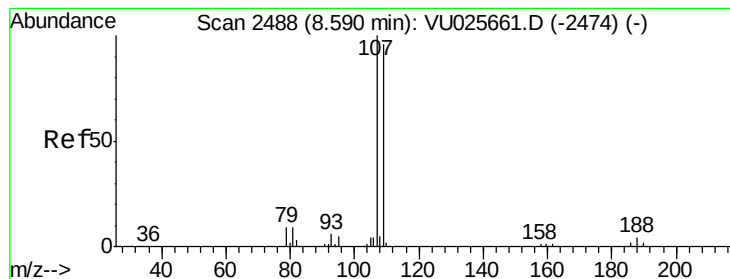
Tot Ion: 63 Resp: 138
 Ion Ratio Lower Upper
 63 100
 106 0.0 22.3 33.5#



#60
 Dibromochloromethane
 Concen: 84.61 ug/l
 RT: 8.48 min Scan# 2455
 Delta R.T. 0.00 min
 Lab File: VU025669.D
 Acq: 27 Jul 2018 15:11

Tgt Ion: 129 Resp: 221383
 Ion Ratio Lower Upper
 129 100
 127 77.4 38.6 115.8





#61

1,2-Dibromoethane

Concen: 35.05 ug/l

RT: 8.59 min Scan# 2488

Delta R.T. 0.00 min

Lab File: VU025669.D

Acq: 27 Jul 2018 15:11

Instrument :

MSVOA_U

ClientSampleId :

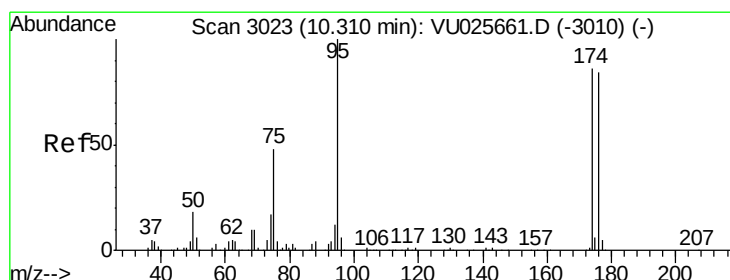
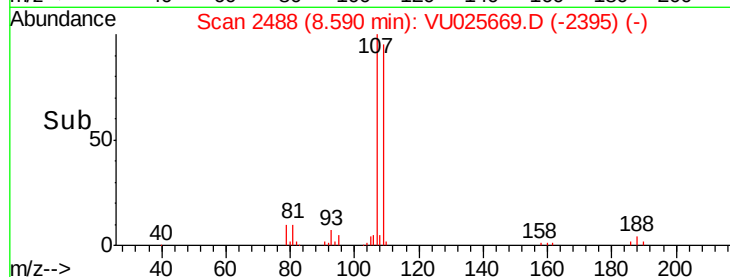
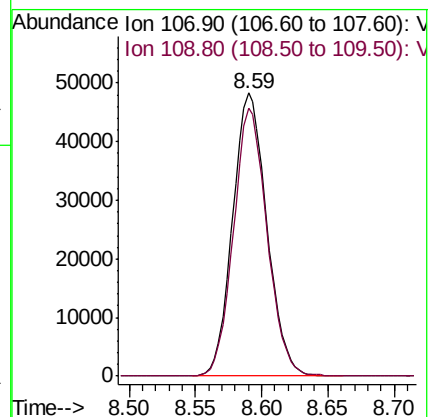
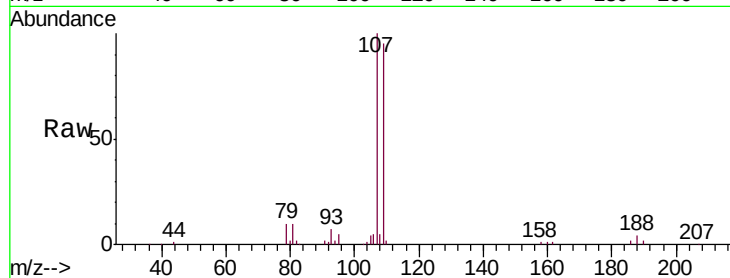
1565

Tot Ion:107 Resp: 86503

Ion Ratio Lower Upper

107 100

109 93.0 75.8 113.8



#62

4-Bromofluorobenzene

Concen: 51.43 ug/l

RT: 10.32 min Scan# 3025

Delta R.T. 0.01 min

Lab File: VU025669.D

Acq: 27 Jul 2018 15:11

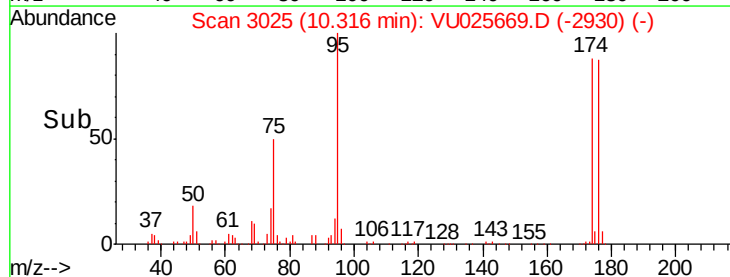
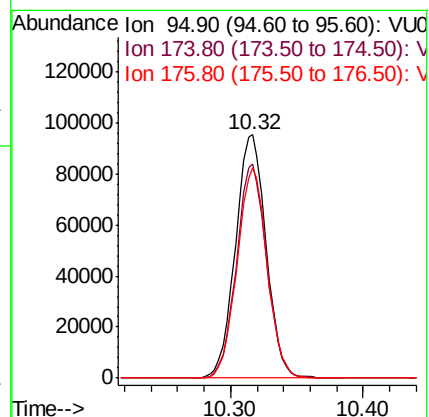
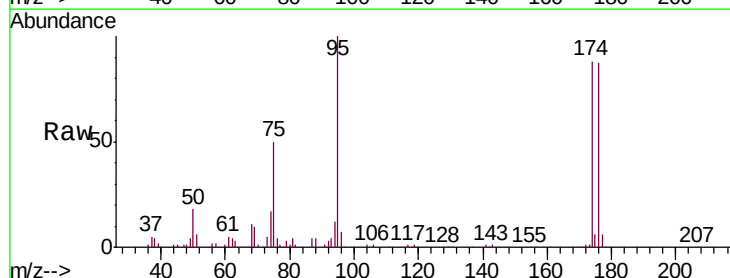
Tgt Ion: 95 Resp: 152855

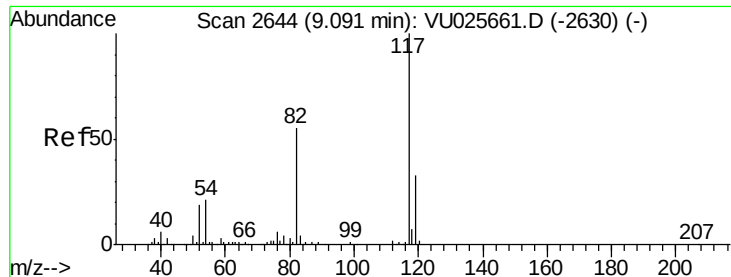
Ion Ratio Lower Upper

95 100

174 86.8 0.0 172.2

176 84.6 0.0 162.6

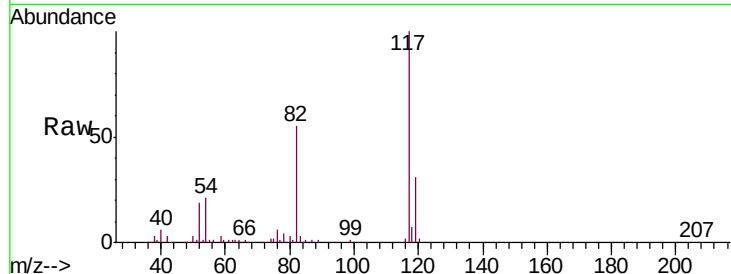




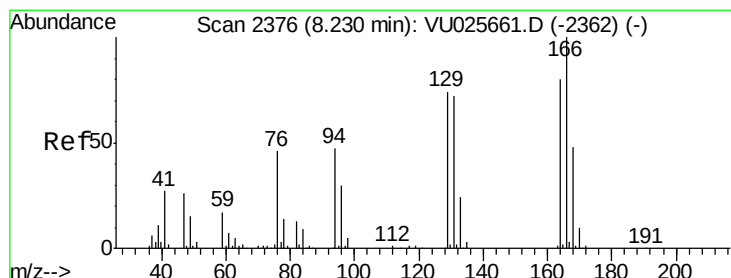
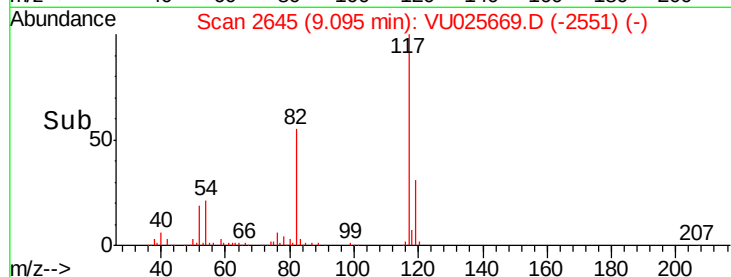
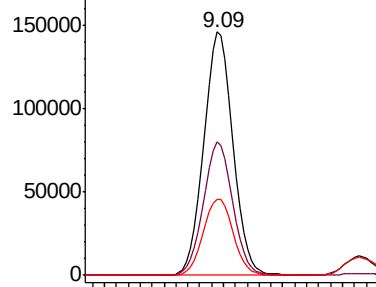
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.09 min Scan# 2645
Delta R.T. 0.00 min
Lab File: VU025669.D
Acq: 27 Jul 2018 15:11

Instrument :
MSVOA_U
ClientSampleId :
1565

Tot Ion:117 Resp: 248361
Ion Ratio Lower Upper
117 100
82 54.8 46.0 69.0
119 31.3 26.0 39.0

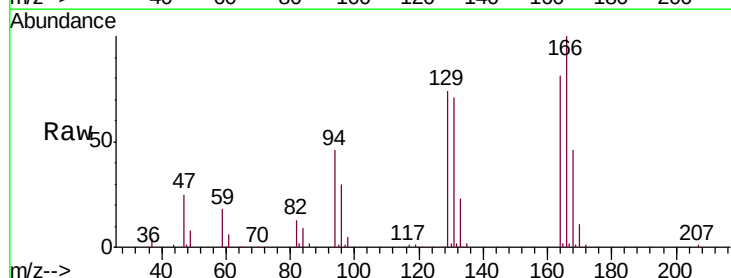


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

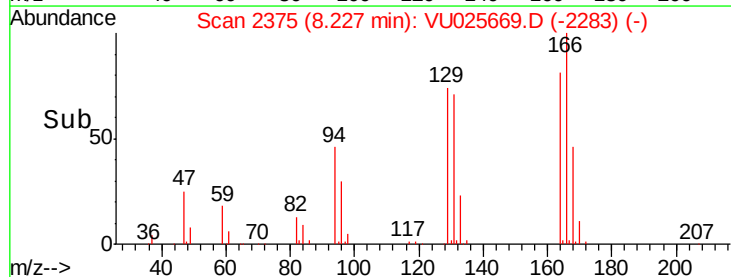
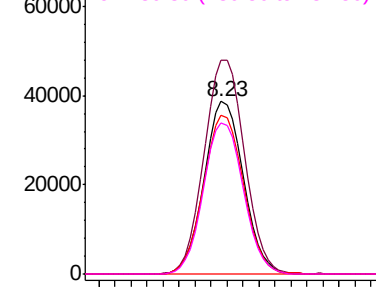


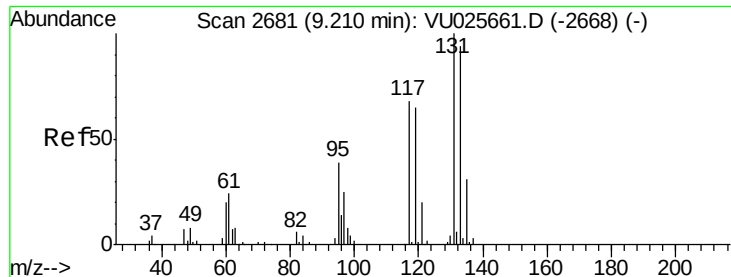
#64
Tetrachloroethene
Concen: 29.61 ug/l
RT: 8.23 min Scan# 2375
Delta R.T. -0.00 min
Lab File: VU025669.D
Acq: 27 Jul 2018 15:11

Tgt Ion:164 Resp: 64736
Ion Ratio Lower Upper
164 100
166 124.0 101.1 151.7
129 92.3 73.0 109.6
131 87.5 72.1 108.1



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V





#66

1,1,1,2-Tetrachloroethane

Concen: 12.94 ug/l

RT: 9.21 min Scan# 2682

Delta R.T. 0.00 min

Lab File: VU025669.D

Acq: 27 Jul 2018 15:11

Instrument :

MSVOA_U

ClientSampled :

1565

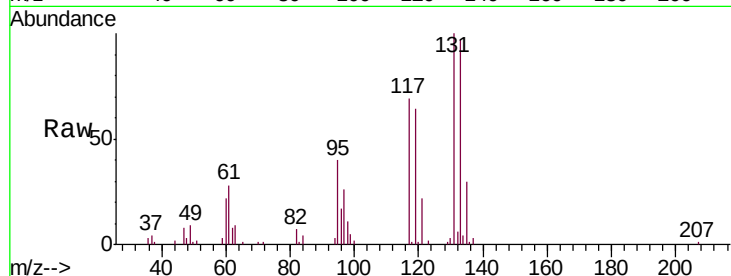
Tot Ion:131 Resp: 29977

Ion Ratio Lower Upper

131 100

133 99.0 47.8 143.3

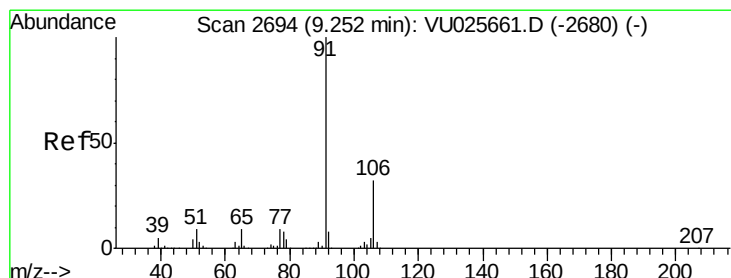
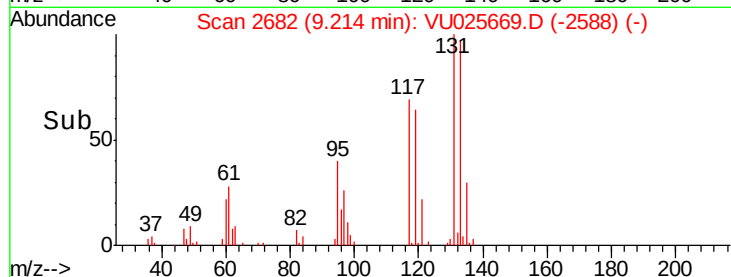
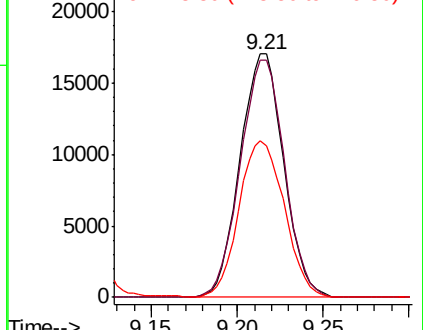
119 66.8 31.6 95.0



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V



#67

Ethyl Benzene

Concen: 18.56 ug/l

RT: 9.26 min Scan# 2695

Delta R.T. 0.00 min

Lab File: VU025669.D

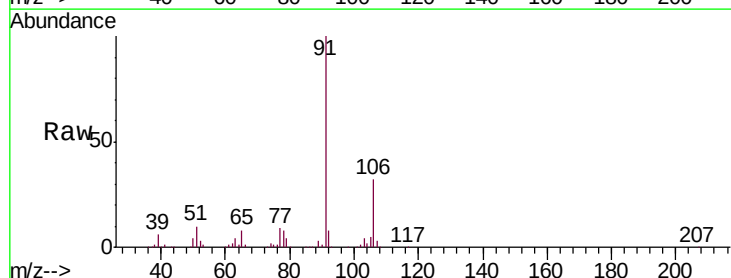
Acq: 27 Jul 2018 15:11

Tgt Ion: 91 Resp: 196857

Ion Ratio Lower Upper

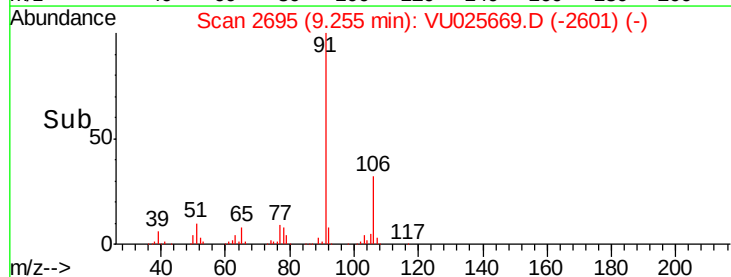
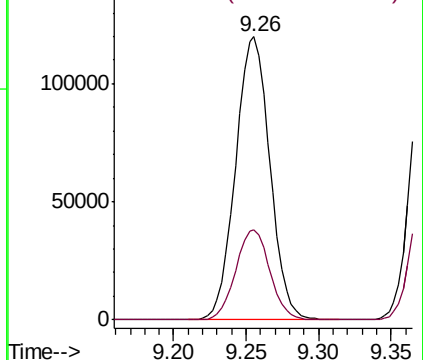
91 100

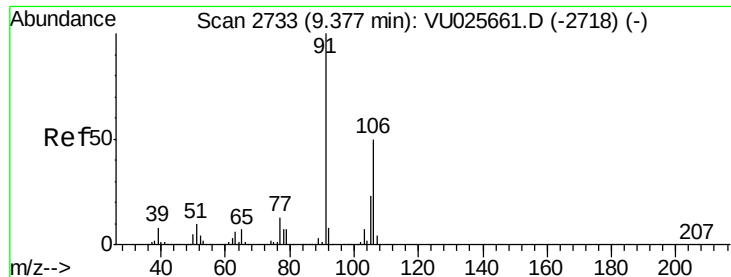
106 32.0 25.3 37.9



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 106.00 (105.70 to 106.70): V

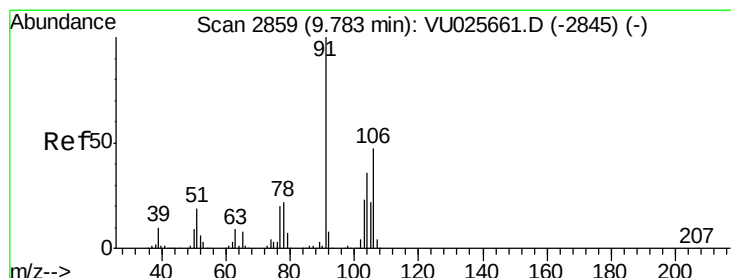
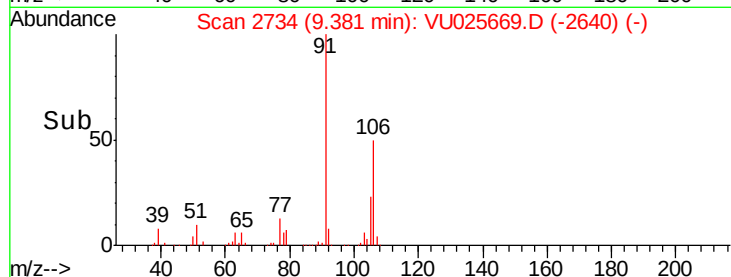
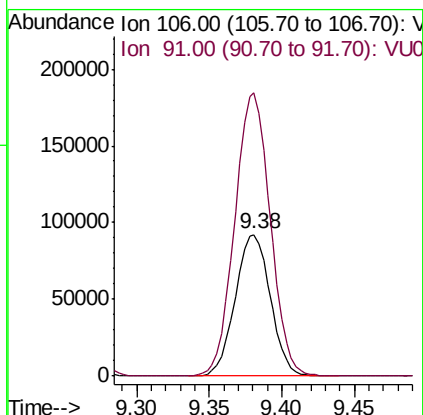
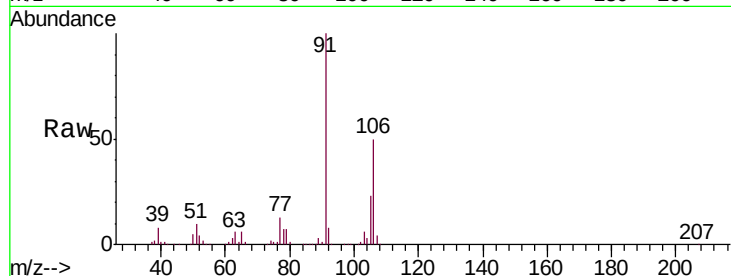




#68
m/p-Xylenes
Concen: 38.24 ug/l
RT: 9.38 min Scan# 2734
Delta R.T. 0.00 min
Lab File: VU025669.D
Acq: 27 Jul 2018 15:11

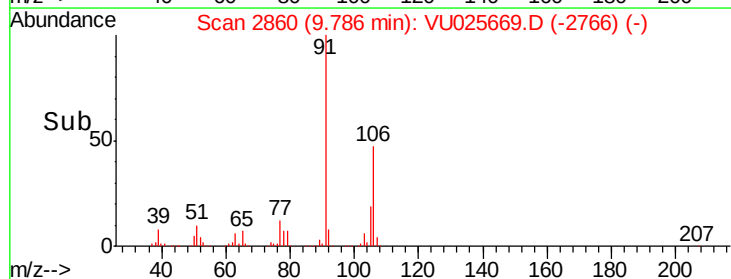
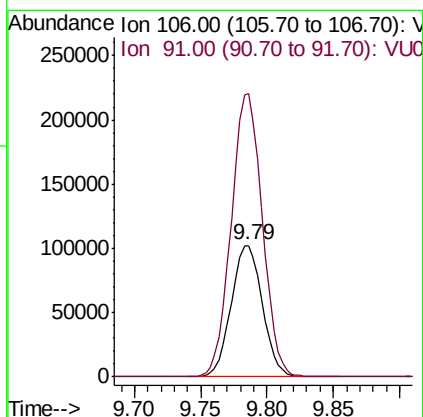
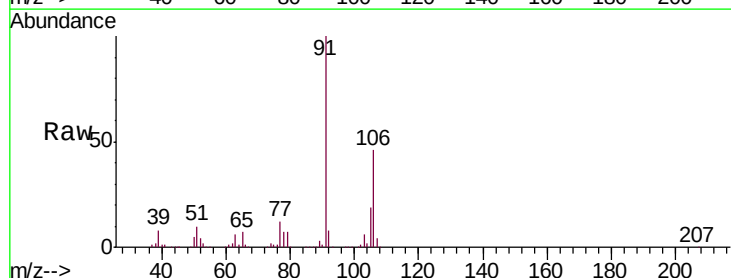
Instrument :
MSVOA_U
ClientSampled :
1565

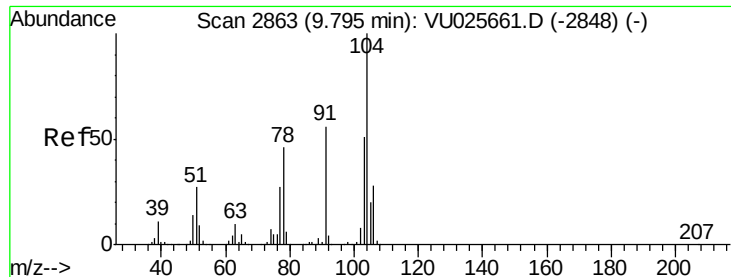
Tot Ion:106 Resp: 155716
Ion Ratio Lower Upper
106 100
91 201.2 162.3 243.5



#69
o-Xylene
Concen: 42.02 ug/l
RT: 9.79 min Scan# 2860
Delta R.T. 0.00 min
Lab File: VU025669.D
Acq: 27 Jul 2018 15:11

Tgt Ion:106 Resp: 167244
Ion Ratio Lower Upper
106 100
91 215.4 105.3 315.8

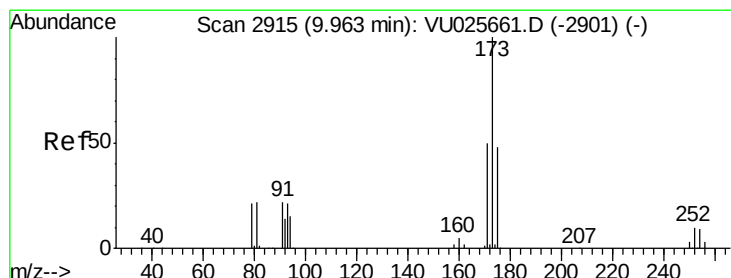
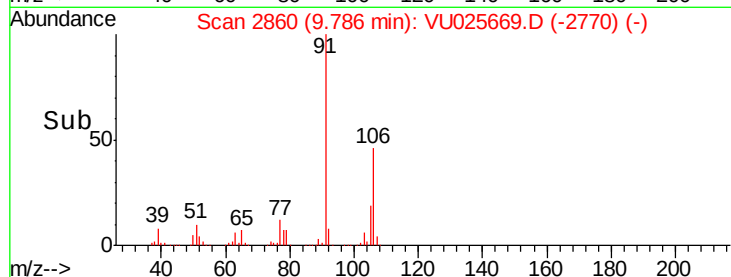
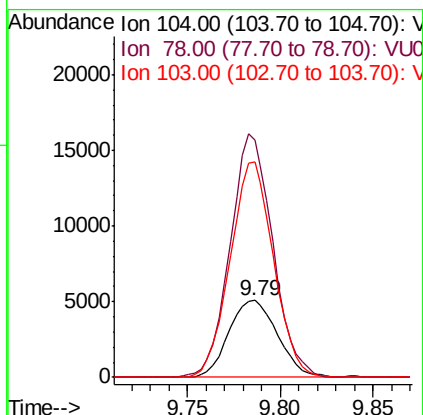
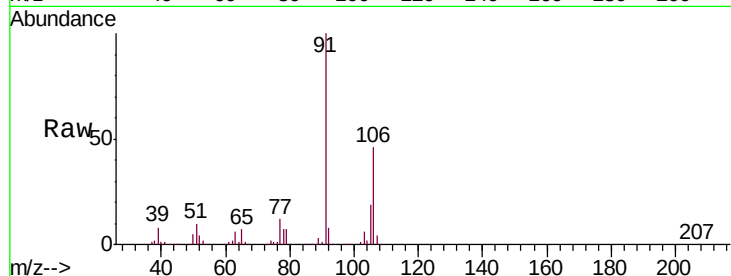




#70
Stvrene
Concen: 1.44 ug/l
RT: 9.79 min Scan# 2860
Delta R.T. -0.01 min
Lab File: VU025669.D
Acq: 27 Jul 2018 15:11

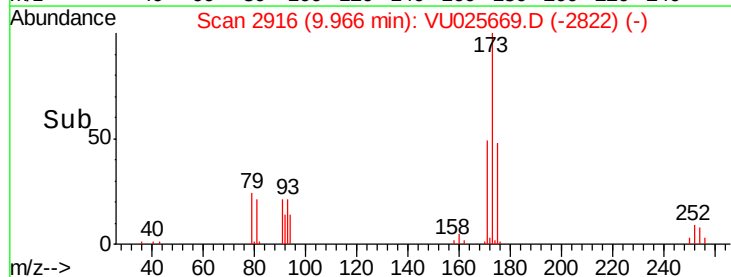
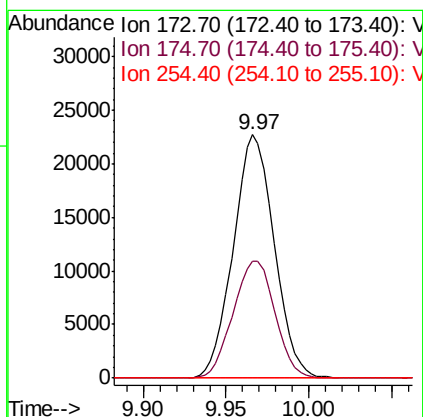
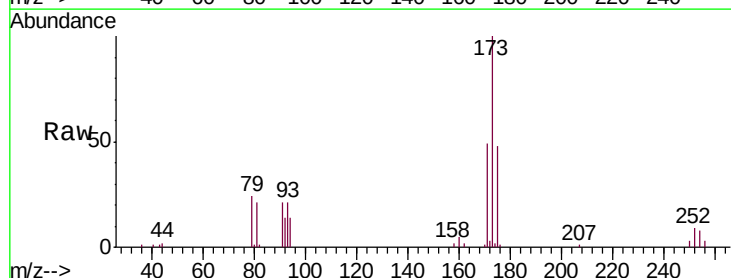
Instrument :
MSVOA_U
ClientSampled :
1565

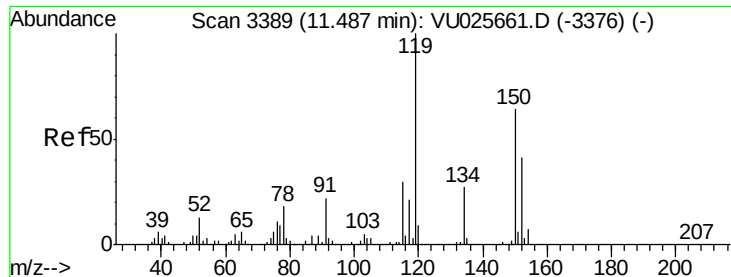
Tot Ion:104 Resp: 9237
Ion Ratio Lower Upper
104 100
78 277.1 41.6 62.4#
103 250.2 44.6 66.8#



#71
Bromoform
Concen: 19.46 ug/l
RT: 9.97 min Scan# 2916
Delta R.T. 0.00 min
Lab File: VU025669.D
Acq: 27 Jul 2018 15:11

Tgt Ion:173 Resp: 39087
Ion Ratio Lower Upper
173 100
175 48.9 24.0 72.0
254 0.0 0.0 0.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 11.49 min Scan# 3390

Delta R.T. 0.00 min

Lab File: VU025669.D

Acq: 27 Jul 2018 15:11

Instrument :

MSVOA_U

ClientSampleId :

1565

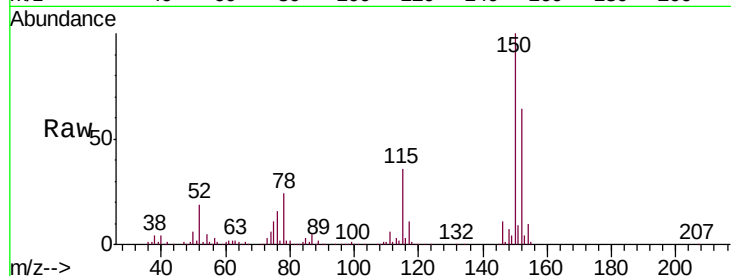
Tot Ion:152 Resp: 168071

Ion Ratio Lower Upper

152 100

115 56.9 40.1 120.3

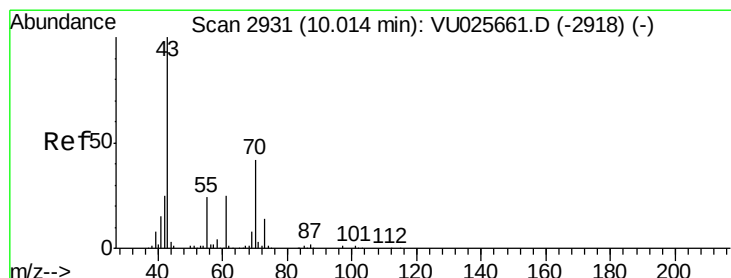
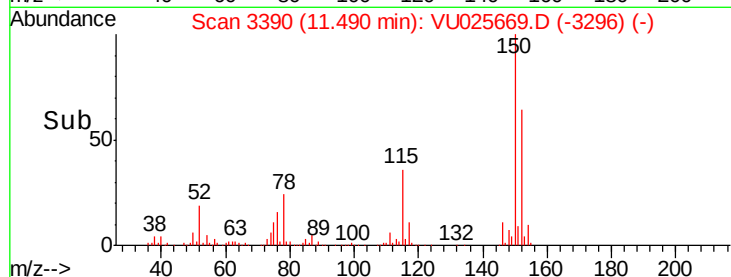
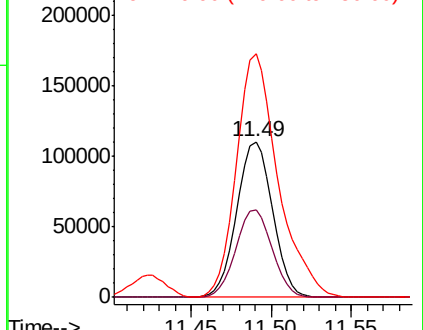
150 181.7 0.0 351.4



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



#74

N-ethyl acetate

Concen: 0.73 ug/l

RT: 9.93 min Scan# 2905

Delta R.T. -0.08 min

Lab File: VU025669.D

Acq: 27 Jul 2018 15:11

Tgt Ion: 43 Resp: 3432

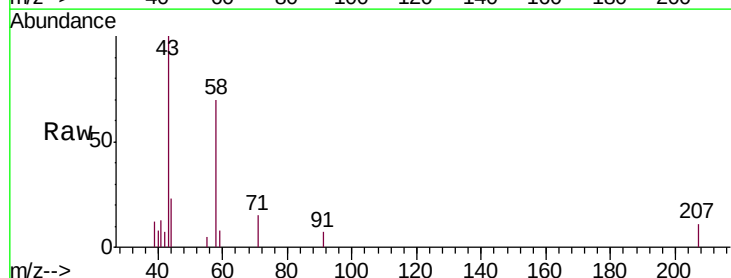
Ion Ratio Lower Upper

43 100

70 0.0 33.4 50.2#

55 3.3 19.0 28.6#

61 0.0 19.3 28.9#

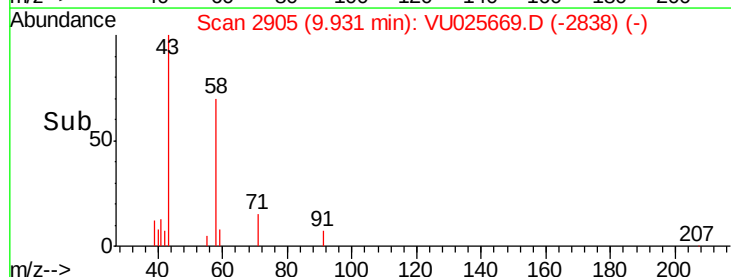
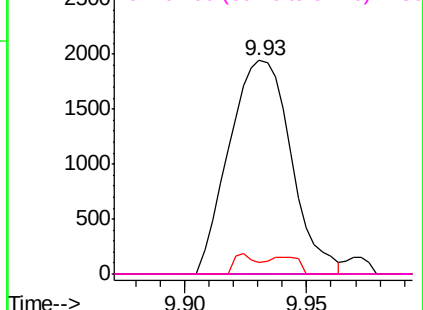


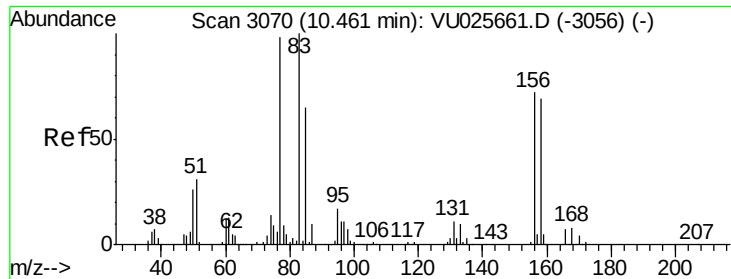
Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 70.00 (69.70 to 70.70): VU0

Ion 55.00 (54.70 to 55.70): VU0

Ion 61.00 (60.70 to 61.70): VU0





#75

1,1,2,2-Tetrachloroethane

Concen: 1.64 ug/l

RT: 10.50 min Scan# 3083

Delta R.T. 0.04 min

Lab File: VU025669.D

Acq: 27 Jul 2018 15:11

Instrument :

MSVOA_U

ClientSampleId :

1565

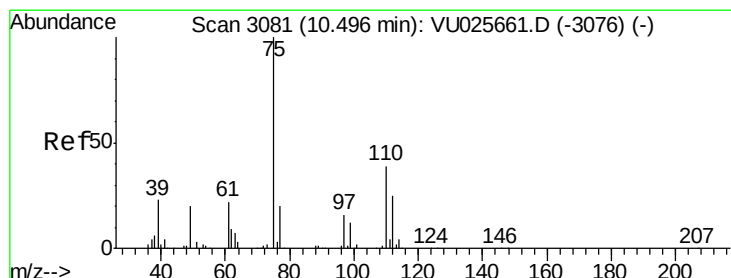
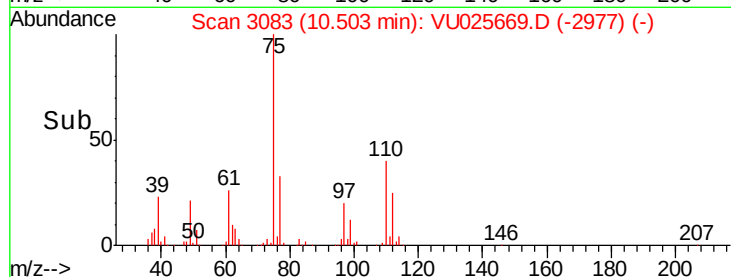
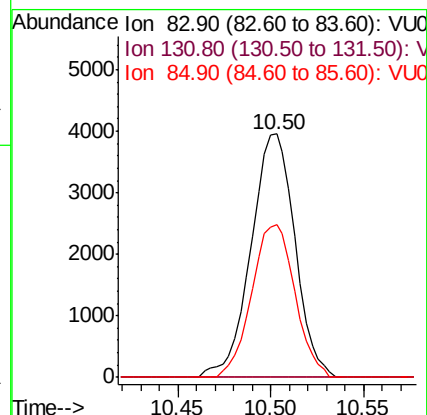
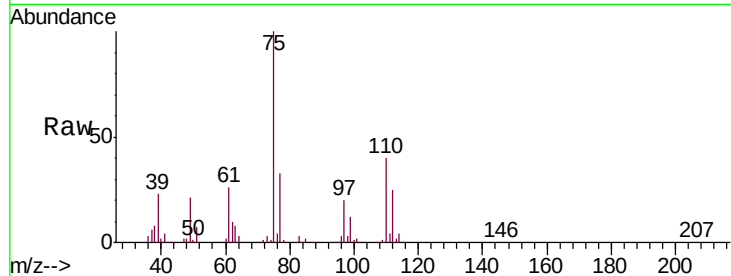
Tot Ion: 83 Resp: 6499

Ion Ratio Lower Upper

83 100

131 0.0 5.5 16.4#

85 61.8 31.6 94.8



#76

1,2,3-Trichloropropane

Concen: 60.32 ug/l

RT: 10.50 min Scan# 3082

Delta R.T. 0.00 min

Lab File: VU025669.D

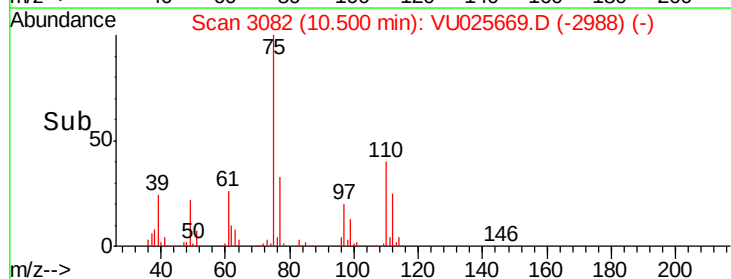
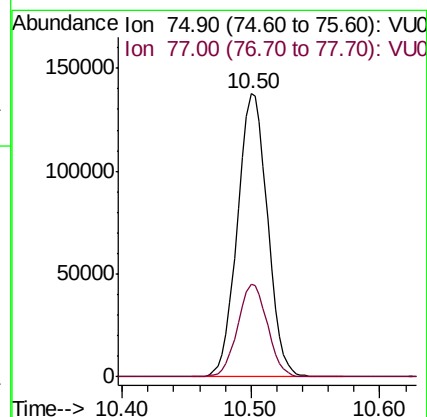
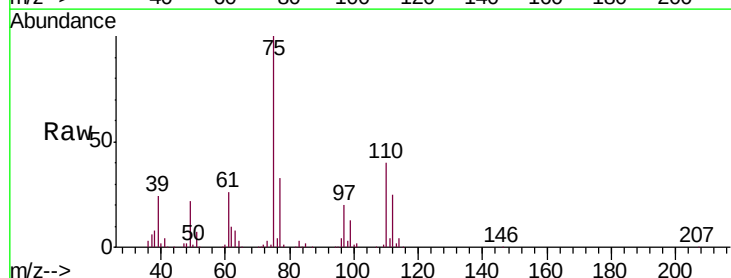
Acq: 27 Jul 2018 15:11

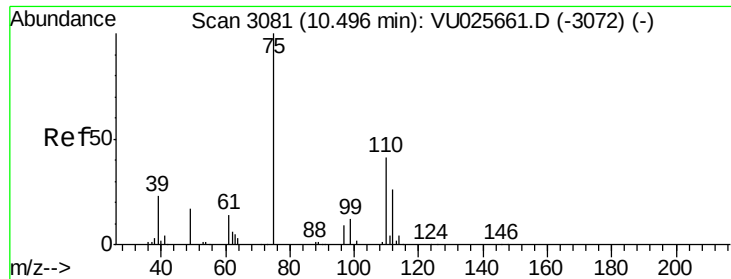
Tgt Ion: 75 Resp: 223372

Ion Ratio Lower Upper

75 100

77 32.6 20.4 61.3





#81

trans-1,4-Dichloro-2-butene

Concen: 151.25 ug/l

RT: 10.50 min Scan# 3082

Delta R.T. 0.00 min

Lab File: VU025669.D

Acq: 27 Jul 2018 15:11

Instrument :

MSVOA_U

ClientSampleId :

1565

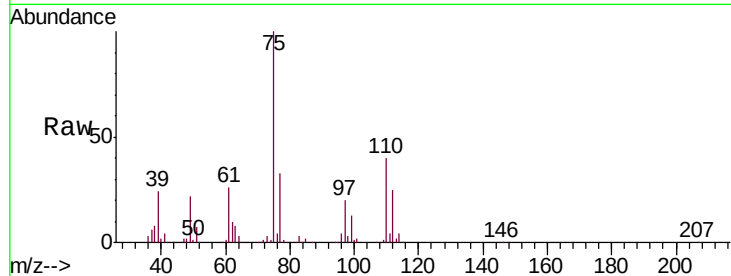
Tot Ion: 75 Resp: 223372

Ion Ratio Lower Upper

75 100

53 0.0 0.0 0.0

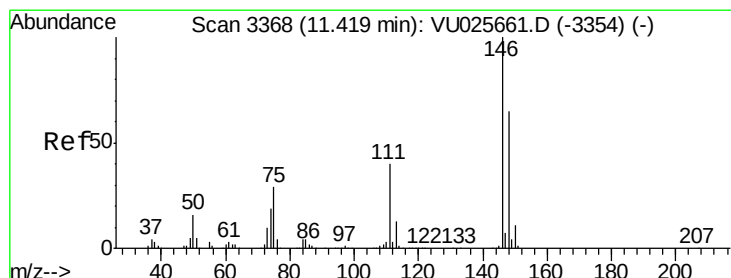
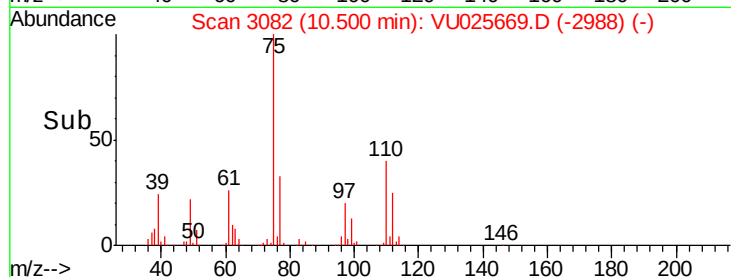
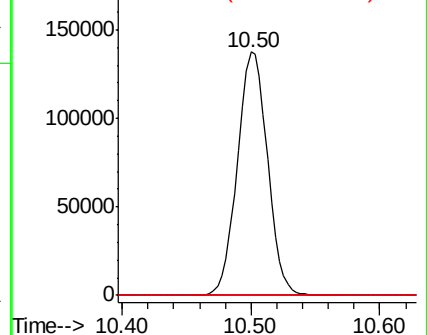
89 0.0 0.0 0.0



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



#87

1,3-Dichlorobenzene

Concen: 41.89 ug/l

RT: 11.42 min Scan# 3369

Delta R.T. 0.00 min

Lab File: VU025669.D

Acq: 27 Jul 2018 15:11

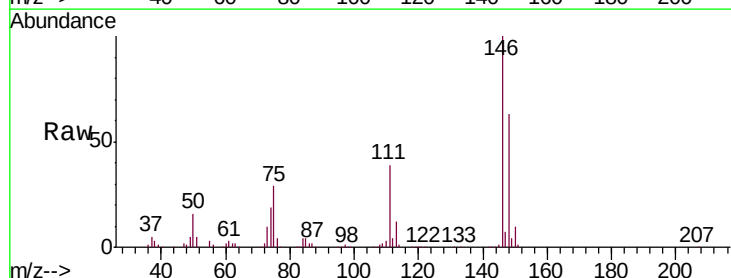
Tgt Ion: 146 Resp: 246001

Ion Ratio Lower Upper

146 100

111 39.6 19.7 59.1

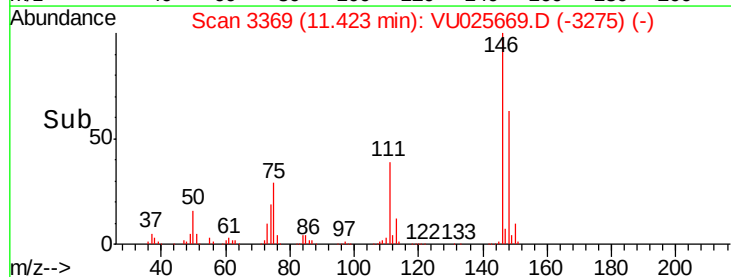
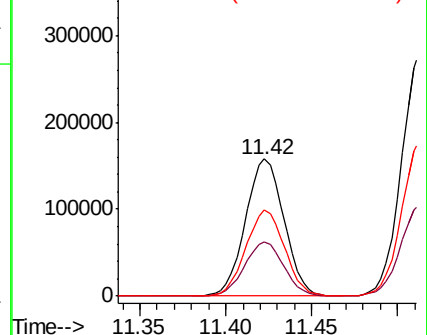
148 63.3 32.1 96.3

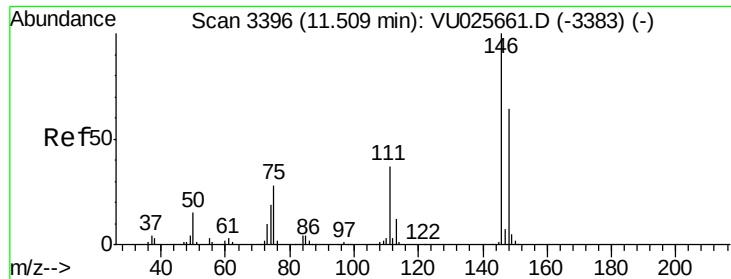


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

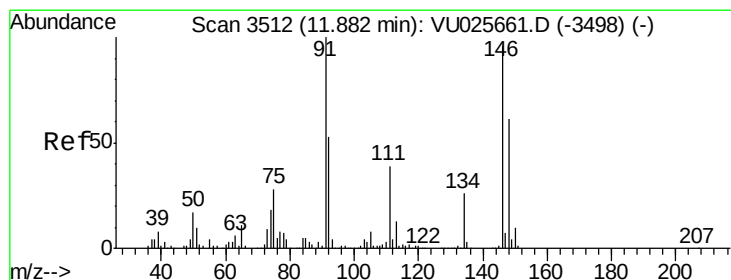
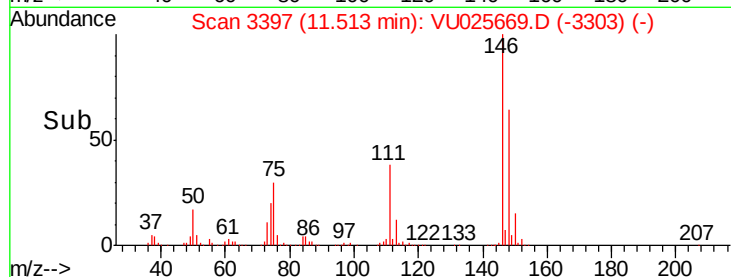
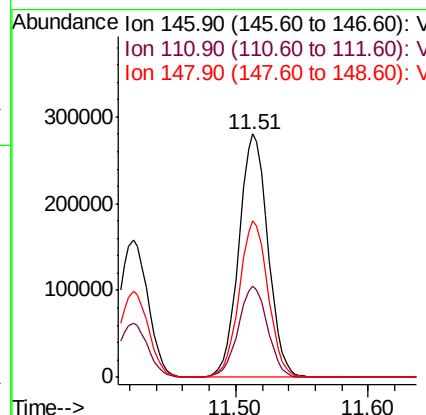
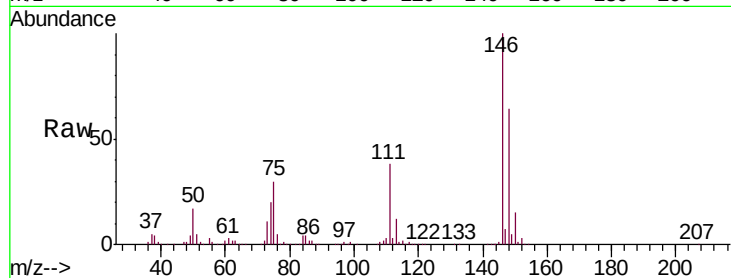




#88
 1,4-Dichlorobenzene
 Concen: 69.38 ug/l
 RT: 11.51 min Scan# 3397
 Delta R.T. 0.00 min
 Lab File: VU025669.D
 Acq: 27 Jul 2018 15:11

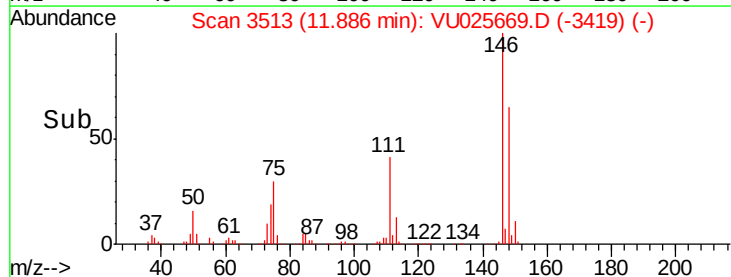
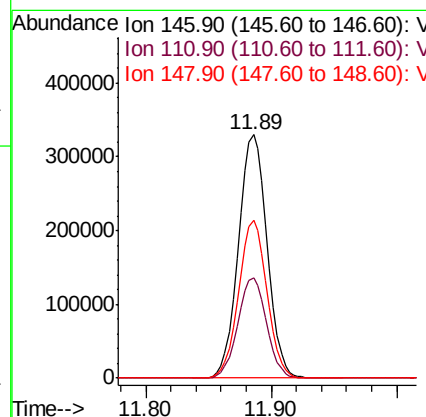
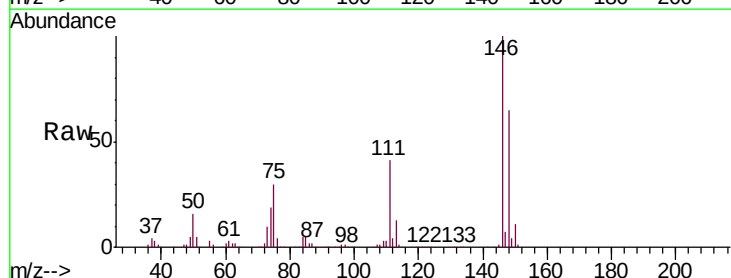
Instrument :
 MSVOA_U
 ClientSampleId :
 1565

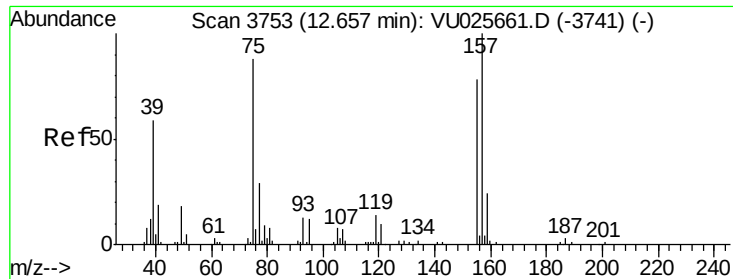
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.1	19.4	58.1
148	64.2	31.7	95.1



#91
 1,2-Dichlorobenzene
 Concen: 90.72 ug/l
 RT: 11.89 min Scan# 3513
 Delta R.T. 0.00 min
 Lab File: VU025669.D
 Acq: 27 Jul 2018 15:11

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.1	20.6	61.8
148	64.1	31.5	94.5





#92

1,2-Dibromo-3-Chloropropane

Concen: 80.19 ug/l

RT: 12.66 min Scan# 3754

Delta R.T. 0.00 min

Lab File: VU025669.D

Acq: 27 Jul 2018 15:11

Instrument :

MSVOA_U

ClientSampleId :

1565

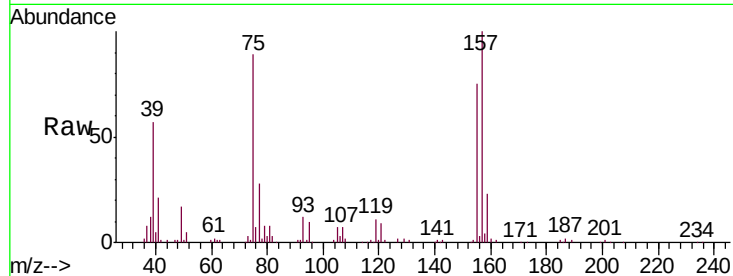
Tot Ion: 75 Resp: 75416

Ion Ratio Lower Upper

75 100

155 87.5 44.5 133.3

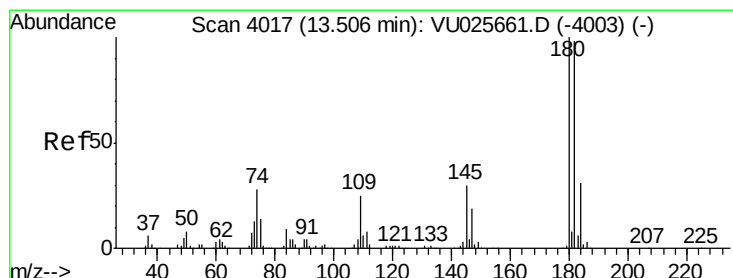
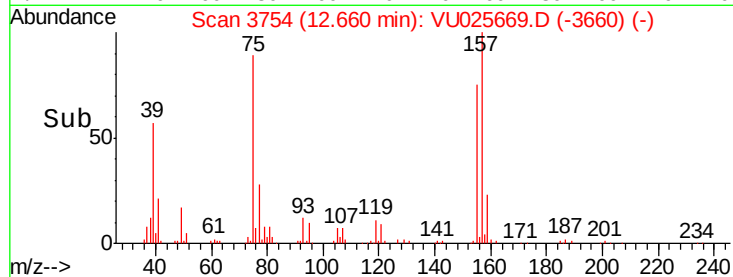
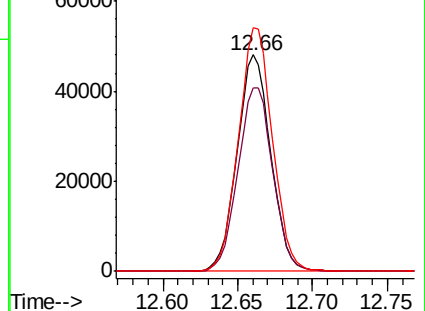
157 113.9 57.0 170.8



Abundance Ion 74.90 (74.60 to 75.60): VU025669.D (-3660) (-)

Ion 154.80 (154.50 to 155.50): VU025669.D (-3660) (-)

Ion 156.80 (156.50 to 157.50): VU025669.D (-3660) (-)



#93

1,2,4-Trichlorobenzene

Concen: 44.59 ug/l

RT: 13.51 min Scan# 4017

Delta R.T. 0.00 min

Lab File: VU025669.D

Acq: 27 Jul 2018 15:11

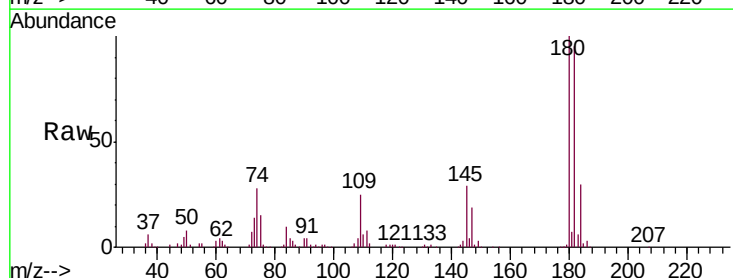
Tgt Ion: 180 Resp: 173243

Ion Ratio Lower Upper

180 100

182 96.4 47.3 141.9

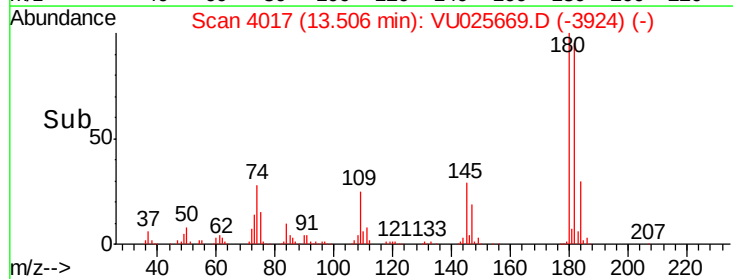
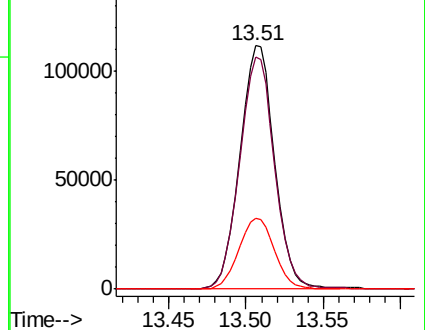
145 30.0 14.9 44.7

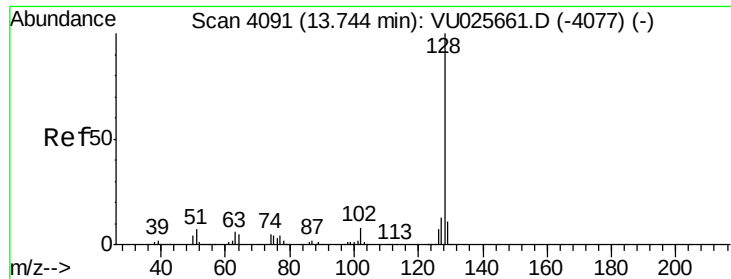


Abundance Ion 179.80 (179.50 to 180.50): VU025669.D (-3924) (-)

Ion 181.80 (181.50 to 182.50): VU025669.D (-3924) (-)

Ion 144.80 (144.50 to 145.50): VU025669.D (-3924) (-)

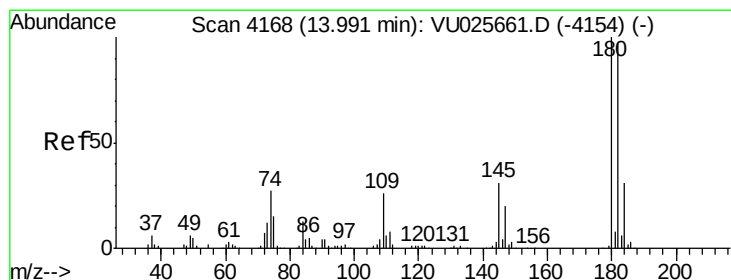
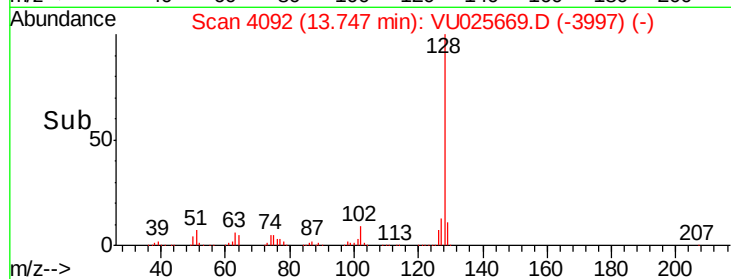
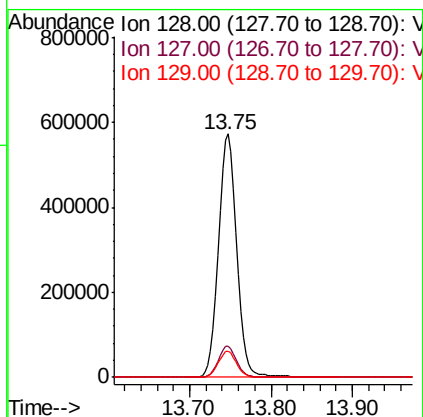
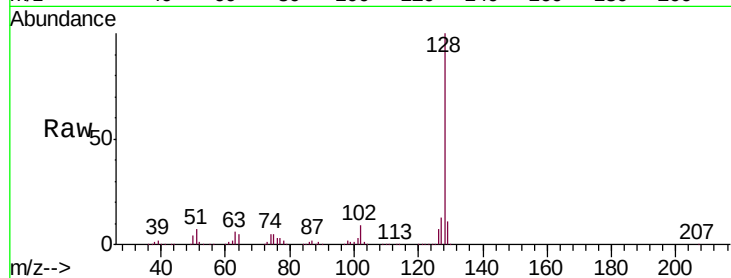




#95
Naphthalene
Concen: 72.77 ug/l
RT: 13.75 min Scan# 4092
Delta R.T. 0.00 min
Lab File: VU025669.D
Acq: 27 Jul 2018 15:11

Instrument :
MSVOA_U
ClientSampleId :
1565

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.5	15.7
129	10.8	8.3	12.5



#96
1,2,3-Trichlorobenzene
Concen: 0.35 ug/l
RT: 13.99 min Scan# 4167
Delta R.T. -0.00 min
Lab File: VU025669.D
Acq: 27 Jul 2018 15:11

Tgt Ion	Ratio	Lower	Upper
180	100		
182	82.3	47.8	143.3
145	17.2	15.6	46.8

