

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU062818\
 Data File : VU025019.D
 Acq On : 28 Jun 2018 14:40
 Operator : MD/SY
 Sample : J3707-02DL 5X
 Misc : 5.97g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 WP021SB488-23-25-180622DL

Quant Time: Jun 29 05:06:22 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	234859	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	348047	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	331197	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	211793	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	169258	44.15	ug/l	0.00
Spiked Amount			Recovery	=	88.30%	
35) Dibromofluoromethane	4.89	113	134911	46.71	ug/l	0.00
Spiked Amount			Recovery	=	93.42%	
50) Toluene-d8	7.57	98	502680	47.71	ug/l	0.00
Spiked Amount			Recovery	=	95.42%	
62) 4-Bromofluorobenzene	10.31	95	208143	49.76	ug/l	0.00
Spiked Amount			Recovery	=	99.52%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.33	50	900	0.300	ug/l	89
4) Vinyl Chloride	1.40	62	103935	33.557	ug/l	97
5) Bromomethane	1.61	94	650	0.434	ug/l #	65
10) Methyl Iodide	2.42	142	395	5.431	ug/l #	40
11) Tert butyl alcohol	2.83	59	2309	2.476	ug/l #	72
16) Acetone	2.32	43	1728	0.839	ug/l	90
18) Methyl Acetate	2.62	43	2885	0.653	ug/l #	82
20) Methylene Chloride	2.70	84	1097	0.339	ug/l	87
24) 1,1-Dichloroethane	3.44	63	3058	0.540	ug/l #	83
29) Tetrahydrofuran	4.65	42	2475	1.444	ug/l	95
31) Cyclohexane	4.99	56	8730	Below Cal	#	44
36) 1,1-Dichloropropene	4.99	75	16609	4.061	ug/l #	50
38) Carbon Tetrachloride	4.99	117	22459	4.994	ug/l #	16
39) Methylcyclohexane	6.42	83	11887	2.329	ug/l	98
40) Benzene	5.39	78	3985	0.342	ug/l	92
51) 4-Methyl-2-Pentanone	7.47	43	5571	1.151	ug/l	99
52) Toluene	7.64	92	221209	29.504	ug/l	99
53) t-1,3-Dichloropropene	7.64	75	2813	0.576	ug/l #	1
55) 1,1,2-Trichloroethane	8.05	97	1164	0.382	ug/l #	14
59) 2-Hexanone	8.33	43	6914	1.749	ug/l #	26
65) Chlorobenzene	9.12	112	8442	0.998	ug/l	95
67) Ethyl Benzene	9.26	91	15758	1.062	ug/l	97
68) m/p-Xylenes	9.38	106	27581	4.842	ug/l	98
69) o-Xylene	9.78	106	12087	2.144	ug/l	97
73) Isopropylbenzene	10.17	105	8359	0.514	ug/l	95
74) N-amyl acetate	10.01	43	12189	1.576	ug/l #	55
75) 1,1,2,2-Tetrachloroethane	10.46	83	7457	1.369	ug/l #	20
76) 1,2,3-Trichloropropane	10.31	75	106069	22.747	ug/l #	36
78) n-propylbenzene	10.59	91	18081	0.944	ug/l	99
79) 2-Chlorotoluene	10.69	91	8257	0.731	ug/l #	43
80) 1,3,5-Trimethylbenzene	10.78	105	48522	3.443	ug/l	95
81) trans-1,4-Dichloro-2-buten	10.31	75	106069	52.647	ug/l #	100
82) 4-Chlorotoluene	10.78	91	5811	0.442	ug/l #	45
83) tert-Butylbenzene	11.10	119	4221	0.311	ug/l	84

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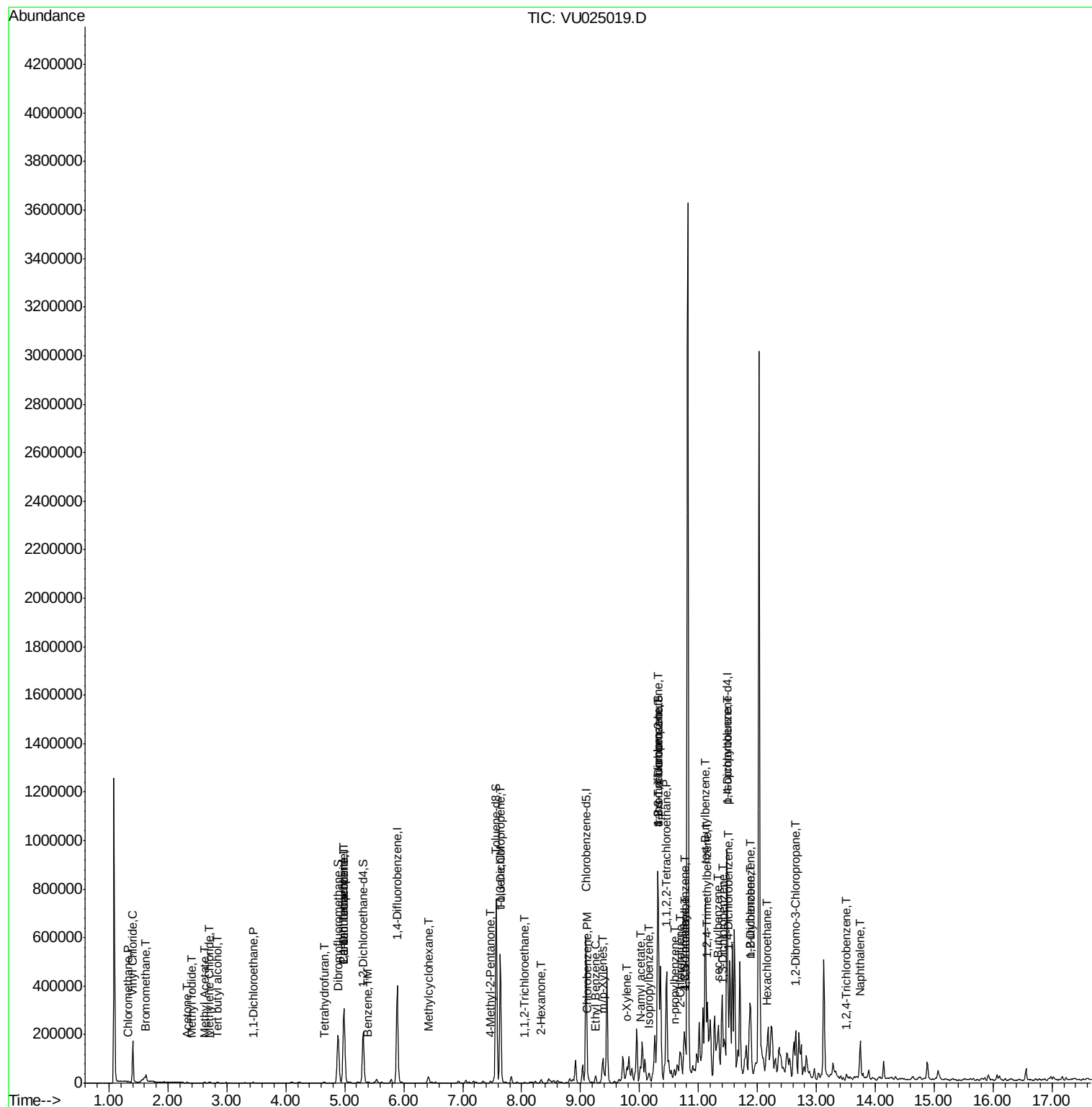
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
84) 1,2,4-Trimethylbenzene	11.15	105	122503	8.529	ug/l	100
85) sec-Butylbenzene	11.33	105	14973	0.882	ug/l	98
86) p-Isopropyltoluene	11.48	119	14003	0.921	ug/l	96
87) 1,3-Dichlorobenzene	11.42	146	7435	0.978	ug/l #	74
88) 1,4-Dichlorobenzene	11.51	146	21283	2.780	ug/l #	83
89) n-Butylbenzene	11.89	91	31602	2.342	ug/l #	42
90) Hexachloroethane	12.15	117	3684	1.243	ug/l #	8
91) 1,2-Dichlorobenzene	11.89	146	49918	6.553	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	12.65	75	330	0.219	ug/l #	1
93) 1,2,4-Trichlorobenzene	13.51	180	1169	0.249	ug/l #	57
95) Naphthalene	13.75	128	113108	7.844	ug/l	98

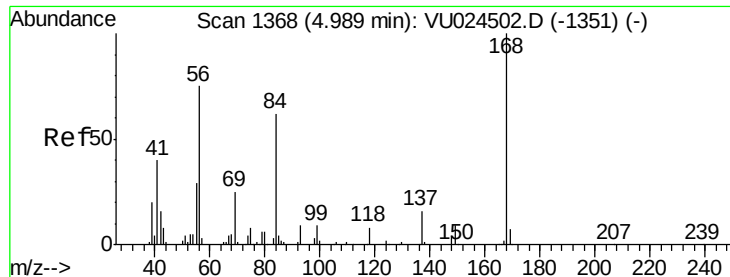
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VU025019.D

Acq: 28 Jun 2018 14:40

Instrument :

MSVOA_U

ClientSampleId :

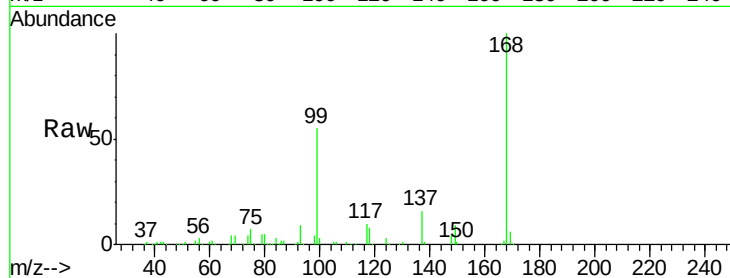
WP021SB488-23-25-180622DL

Tgt Ion:168 Resp: 234859

Ion Ratio Lower Upper

168 100

99 55.4 43.2 64.8



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

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

4.99

120000

100000

80000

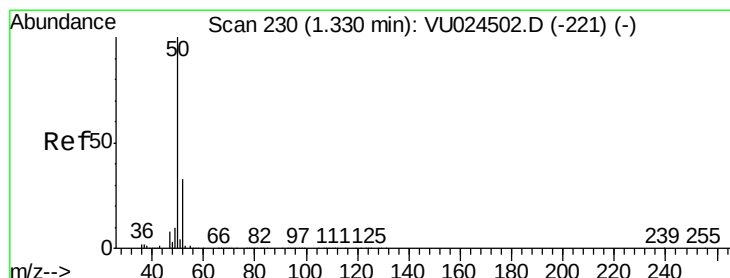
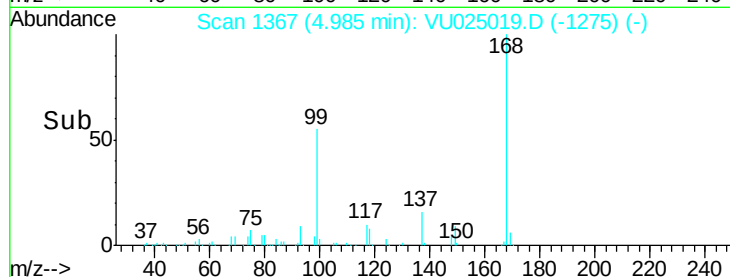
60000

40000

20000

0

Time-->



#3

Chloromethane

Concen: 0.300 ug/l

RT: 1.33 min Scan# 229

Delta R.T. -0.00 min

Lab File: VU025019.D

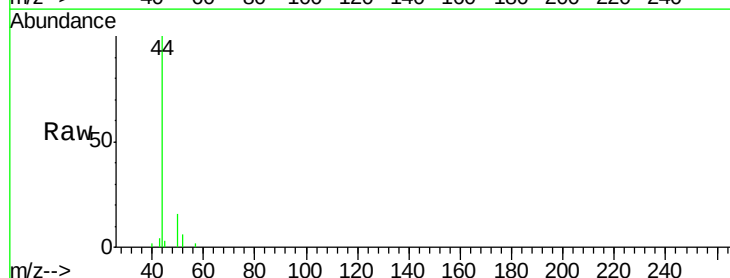
Acq: 28 Jun 2018 14:40

Tgt Ion: 50 Resp: 900

Ion Ratio Lower Upper

50 100

52 39.1 26.4 39.6



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

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

1.33

800

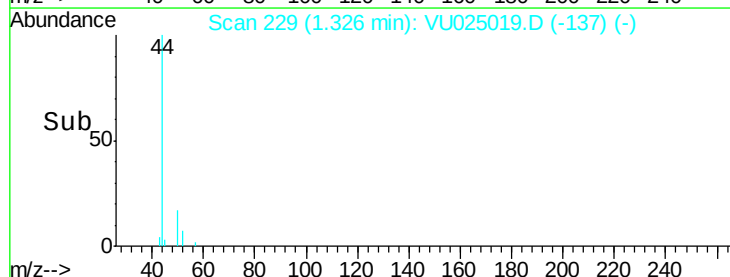
600

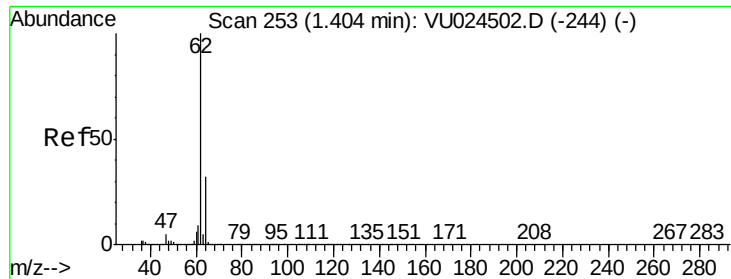
400

200

0

Time-->





#4

Vinyl Chloride

Concen: 33.557 ug/l

RT: 1.40 min Scan# 253

Delta R.T. 0.00 min

Lab File: VU025019.D

Acq: 28 Jun 2018 14:40

Instrument :

MSVOA_U

ClientSampleId :

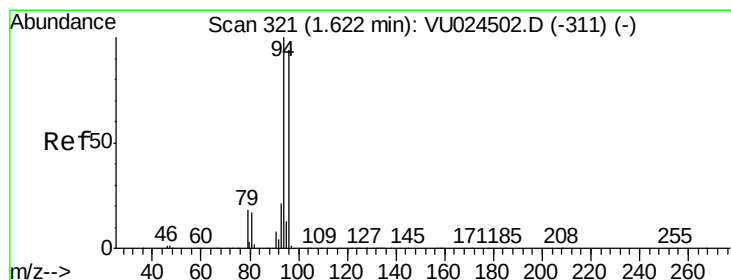
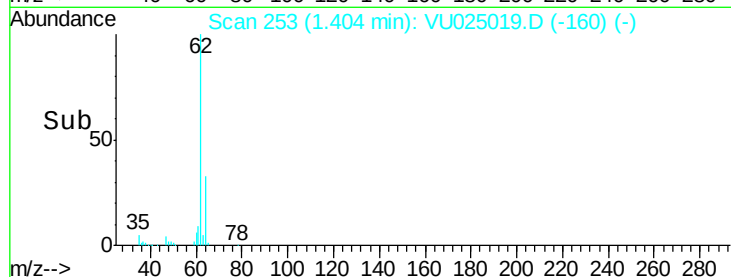
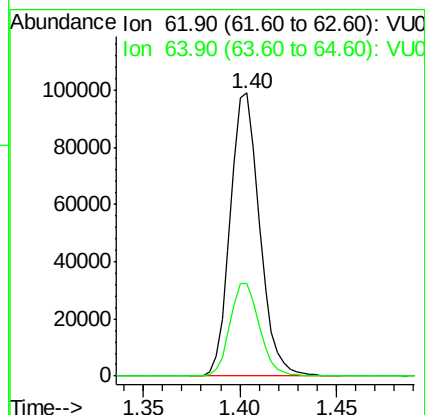
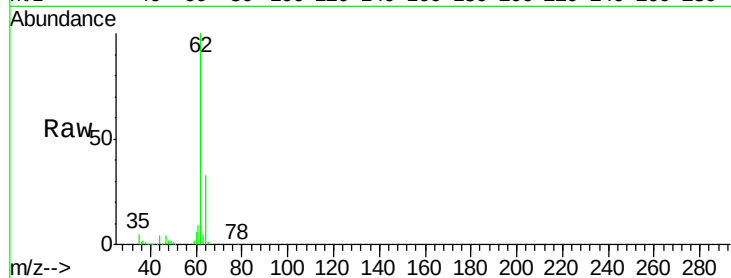
WP021SB488-23-25-180622DL

Tgt Ion: 62 Resp: 103935

Ion Ratio Lower Upper

62 100

64 32.6 24.8 37.2



#5

Bromomethane

Concen: 0.434 ug/l

RT: 1.61 min Scan# 318

Delta R.T. -0.01 min

Lab File: VU025019.D

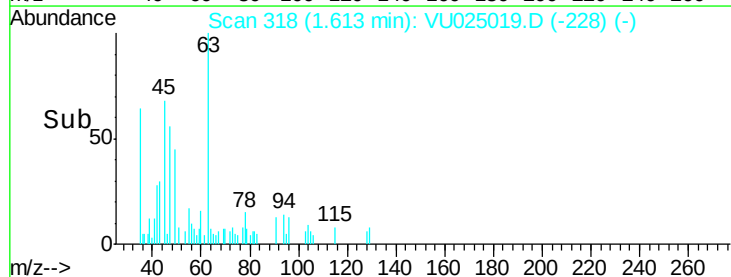
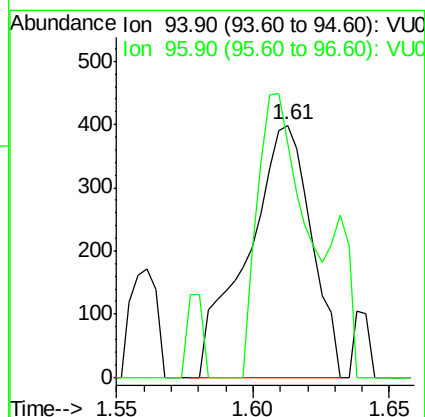
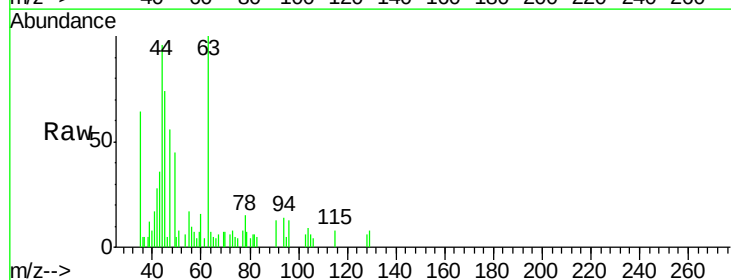
Acq: 28 Jun 2018 14:40

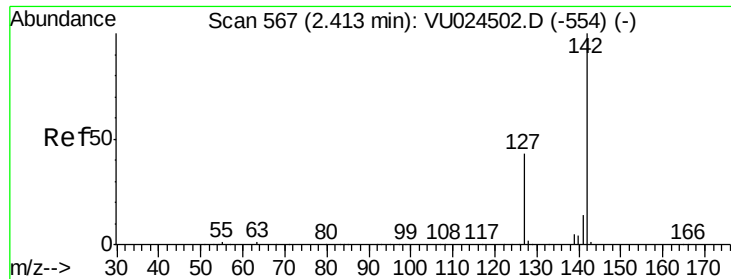
Tgt Ion: 94 Resp: 650

Ion Ratio Lower Upper

94 100

96 59.9 74.5 111.7#

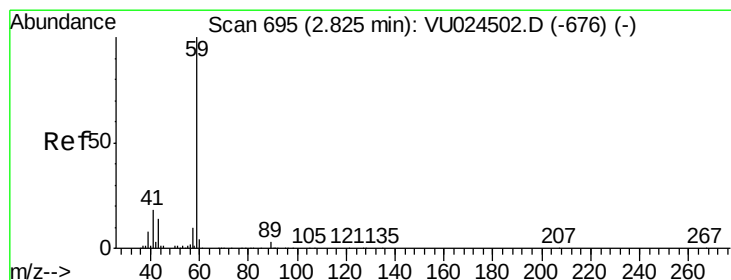
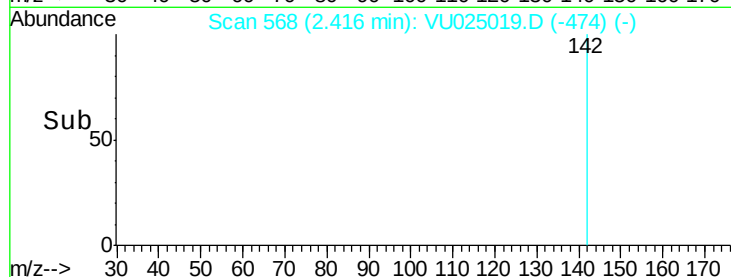
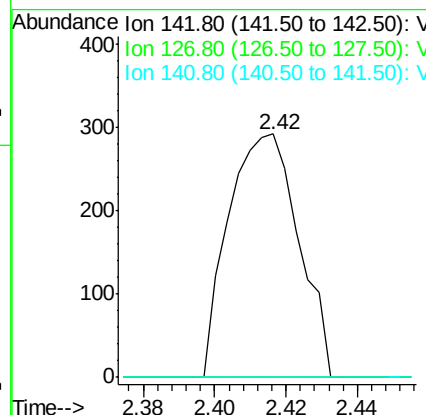
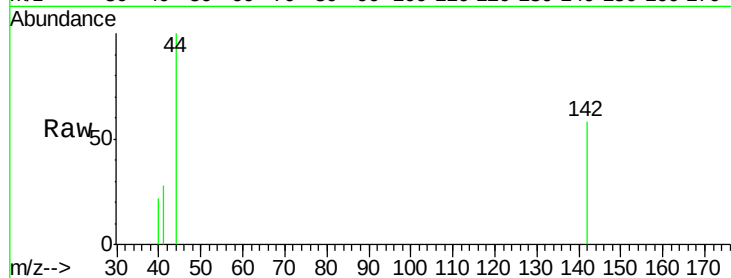




#10
Methyl Iodide
Concen: 5.431 ug/l
RT: 2.42 min Scan# 568
Delta R.T. 0.00 min
Lab File: VU025019.D
Acq: 28 Jun 2018 14:40

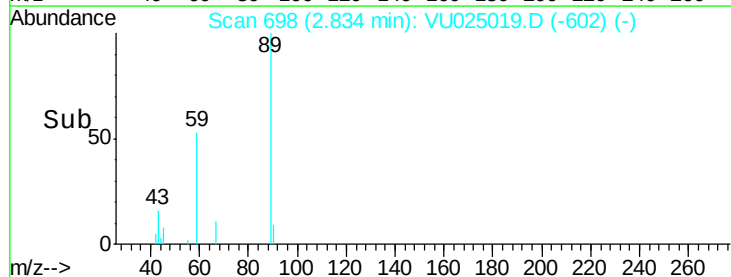
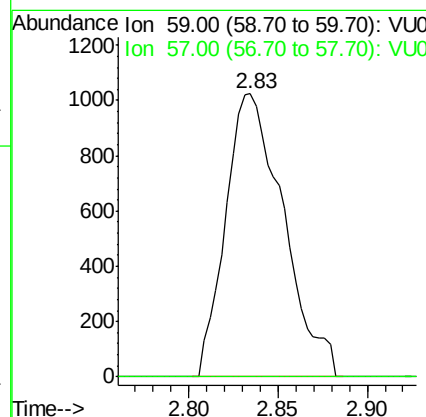
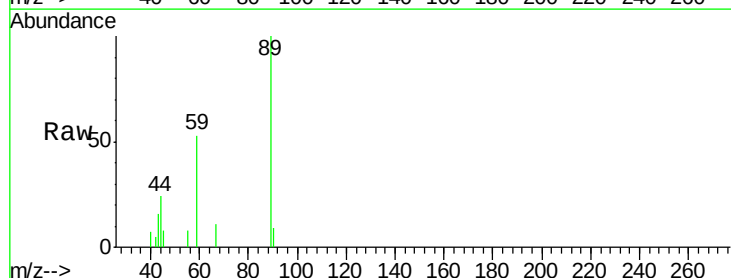
Instrument :
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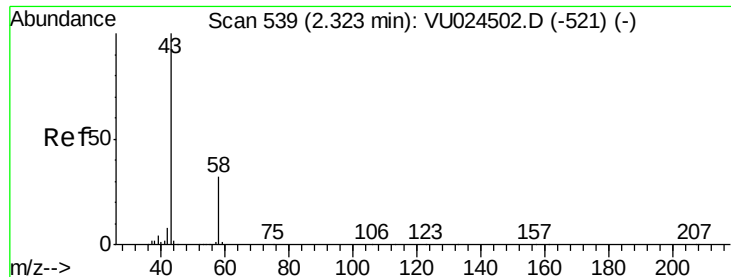
Tgt Ion:142 Resp: 395
Ion Ratio Lower Upper
142 100
127 0.0 35.6 53.4#
141 0.0 11.7 17.5#



#11
Tert butyl alcohol
Concen: 2.476 ug/l
RT: 2.83 min Scan# 698
Delta R.T. 0.01 min
Lab File: VU025019.D
Acq: 28 Jun 2018 14:40

Tgt Ion: 59 Resp: 2309
Ion Ratio Lower Upper
59 100
57 0.0 8.5 12.7#





#16

Acetone

Concen: 0.839 ug/l

RT: 2.32 min Scan# 539

Delta R.T. 0.00 min

Lab File: VU025019.D

Acq: 28 Jun 2018 14:40

Instrument :

MSVOA_U

ClientSampleId :

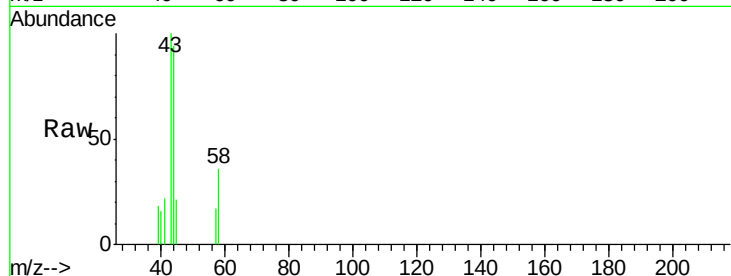
WP021SB488-23-25-180622DL

Tgt Ion: 43 Resp: 1728

Ion Ratio Lower Upper

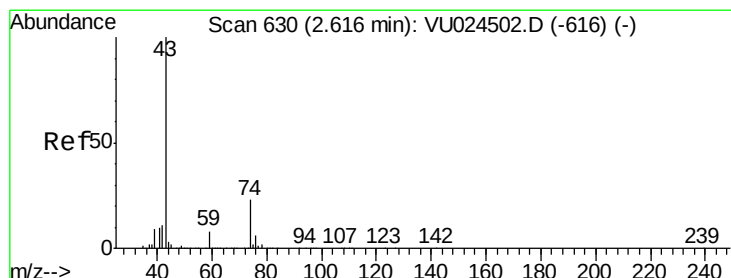
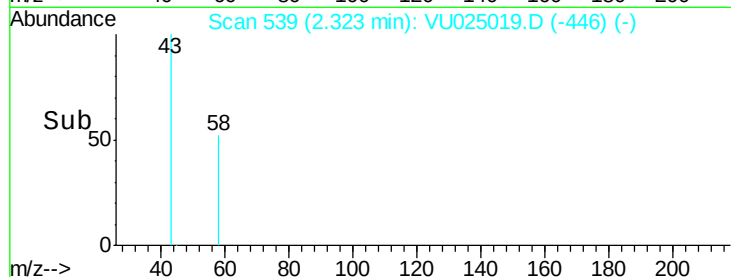
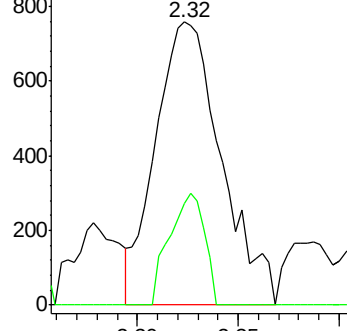
43 100

58 35.8 24.4 36.6



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0



#18

Methyl Acetate

Concen: 0.653 ug/l

RT: 2.62 min Scan# 630

Delta R.T. 0.00 min

Lab File: VU025019.D

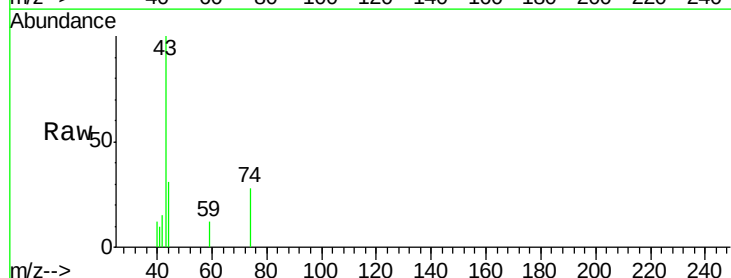
Acq: 28 Jun 2018 14:40

Tgt Ion: 43 Resp: 2885

Ion Ratio Lower Upper

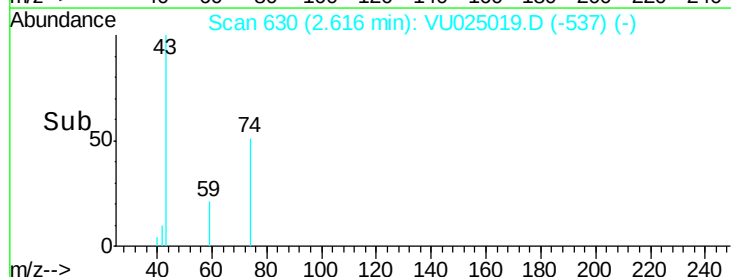
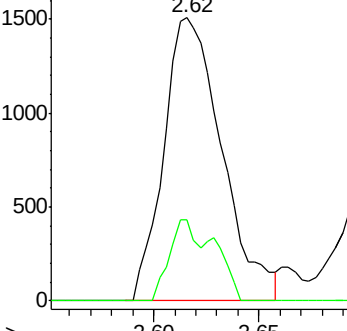
43 100

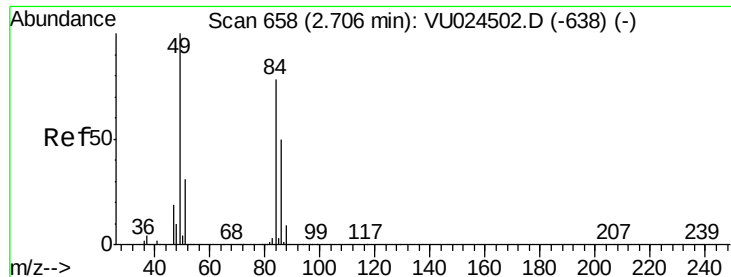
74 13.9 18.0 27.0#



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 74.00 (73.70 to 74.70): VU0

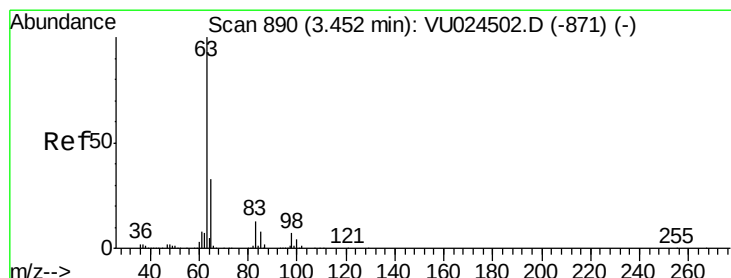
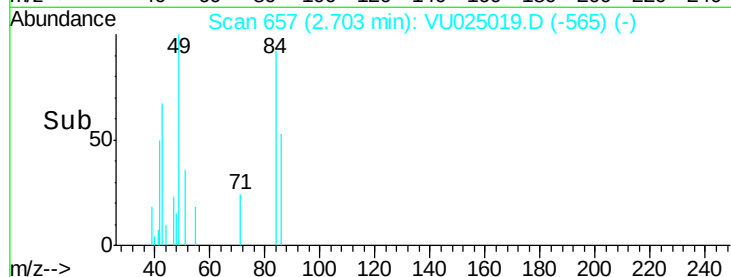
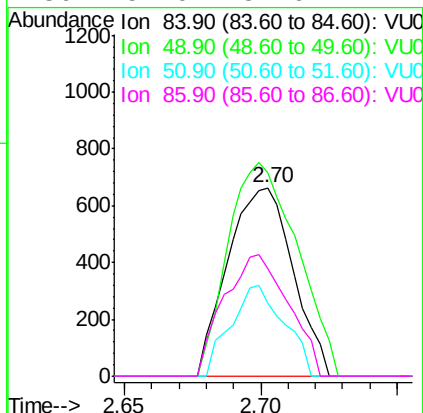
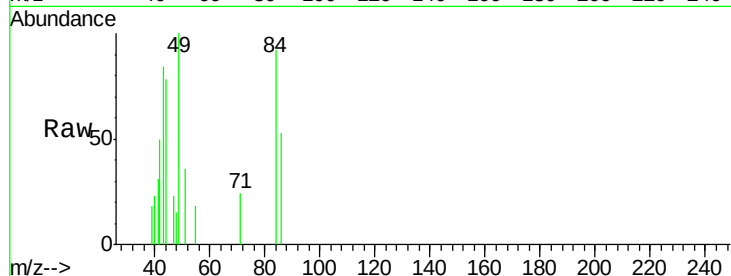




#20
Methylene Chloride
Concen: 0.339 ug/l
RT: 2.70 min Scan# 657
Delta R.T. -0.00 min
Lab File: VU025019.D
Acq: 28 Jun 2018 14:40

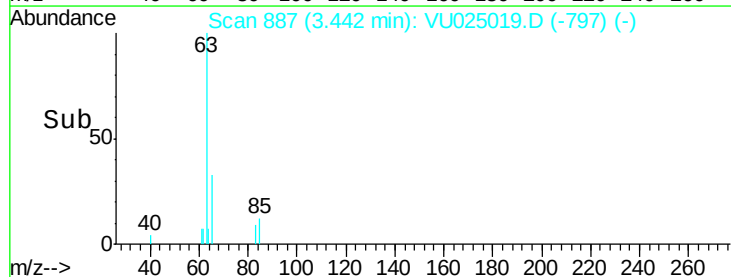
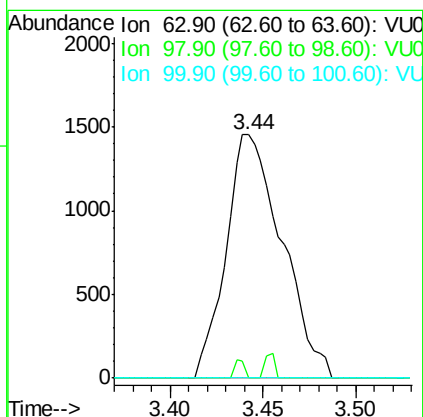
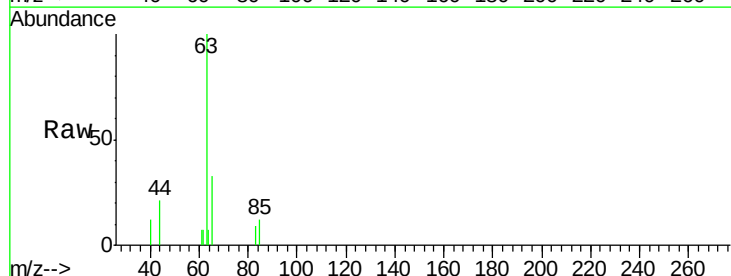
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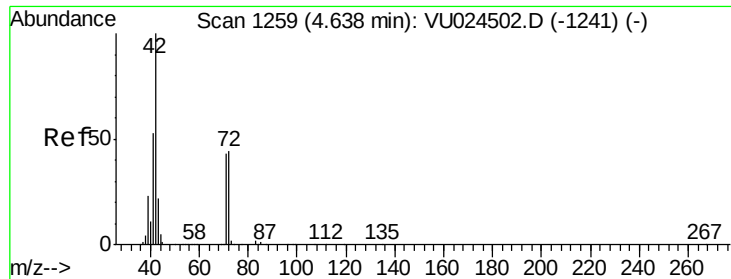
Tgt Ion:	84	Resp:	1097
Ion	Ratio	Lower	Upper
84	100		
49	108.1	103.8	155.8
51	38.8	32.0	48.0
86	57.0	51.6	77.4



#24
1,1-Dichloroethane
Concen: 0.540 ug/l
RT: 3.44 min Scan# 887
Delta R.T. -0.01 min
Lab File: VU025019.D
Acq: 28 Jun 2018 14:40

Tgt Ion:	63	Resp:	3058
Ion	Ratio	Lower	Upper
63	100		
98	0.0	3.5	10.4#
100	0.0	1.8	5.5#

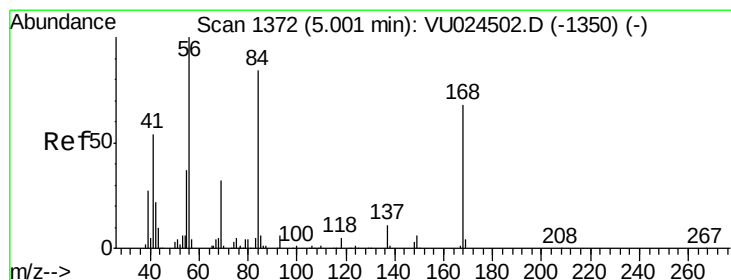
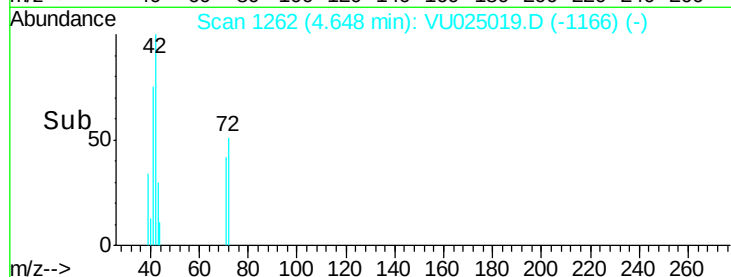
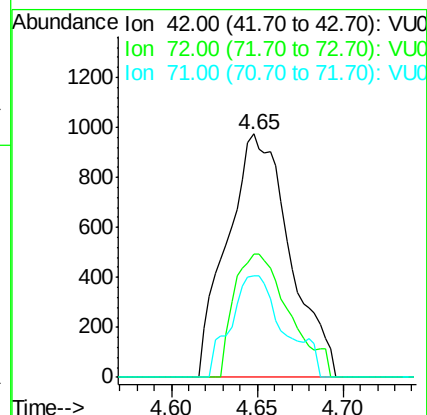
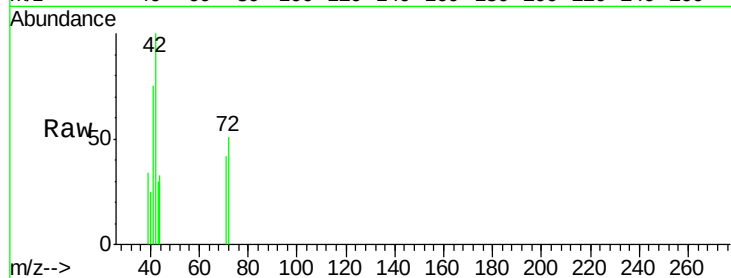




#29
Tetrahydrofuran
Concen: 1.444 ug/l
RT: 4.65 min Scan# 1262
Delta R.T. 0.01 min
Lab File: VU025019.D
Acq: 28 Jun 2018 14:40

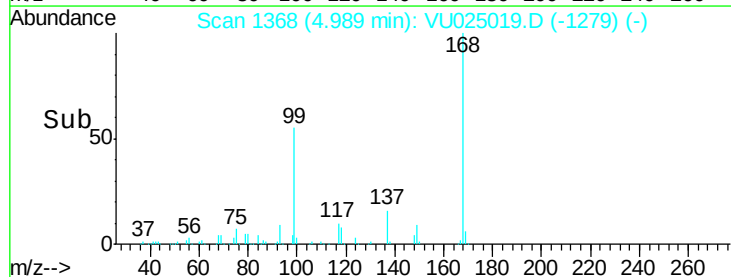
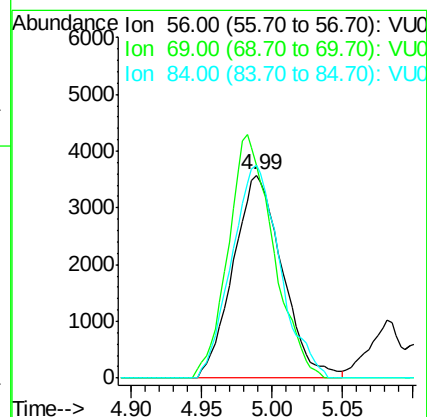
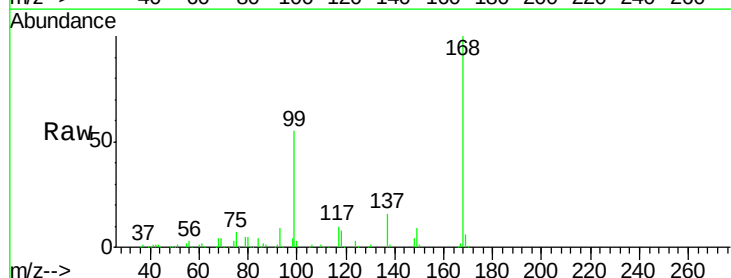
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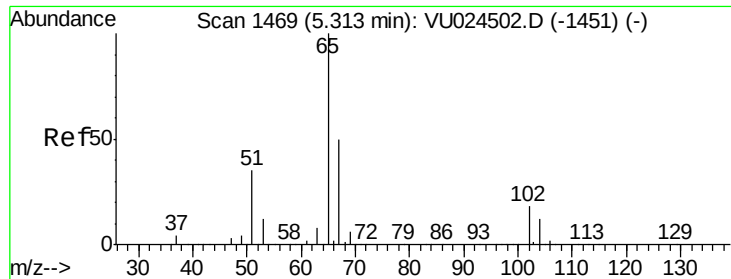
Tgt Ion: 42 Resp: 2475
Ion Ratio Lower Upper
42 100
72 44.4 34.5 51.7
71 35.5 32.2 48.4



#31
Cyclohexane
Concen: Below Cal
RT: 4.99 min Scan# 1368
Delta R.T. -0.01 min
Lab File: VU025019.D
Acq: 28 Jun 2018 14:40

Tgt Ion: 56 Resp: 8730
Ion Ratio Lower Upper
56 100
69 104.8 24.8 37.2#
84 105.1 65.2 97.8#

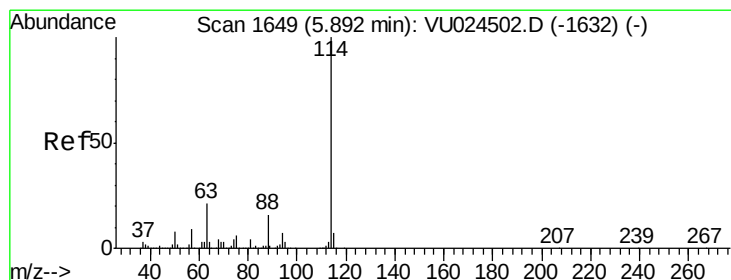
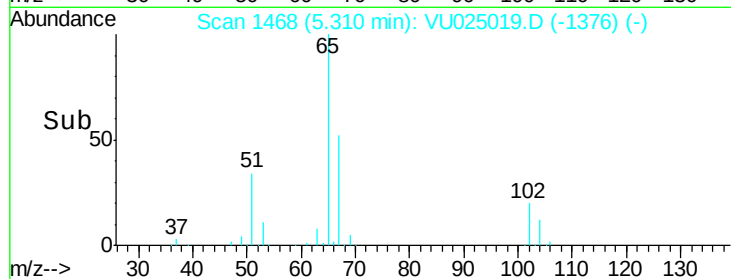
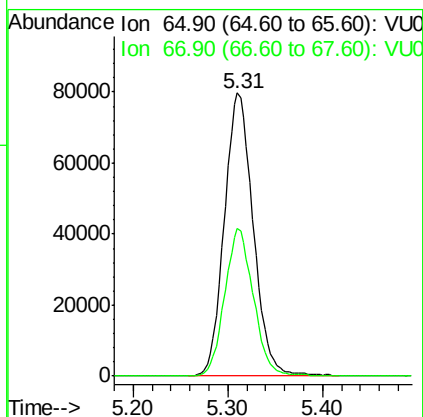
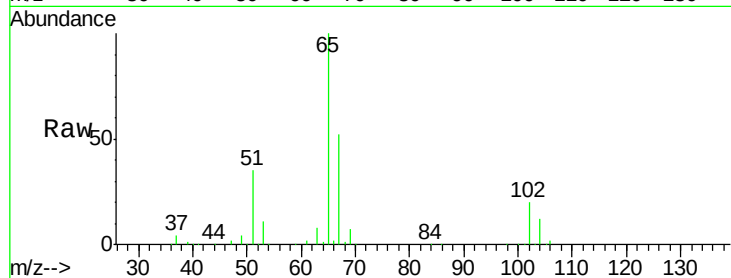




#33
 1,2-Dichloroethane-d4
 Concen: 44.145 ug/l
 RT: 5.31 min Scan# 1468
 Delta R.T. -0.00 min
 Lab File: VU025019.D
 Acq: 28 Jun 2018 14:40

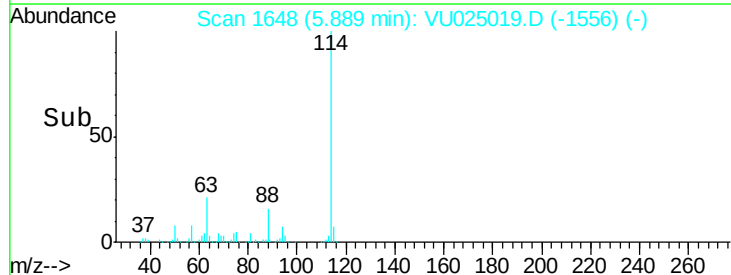
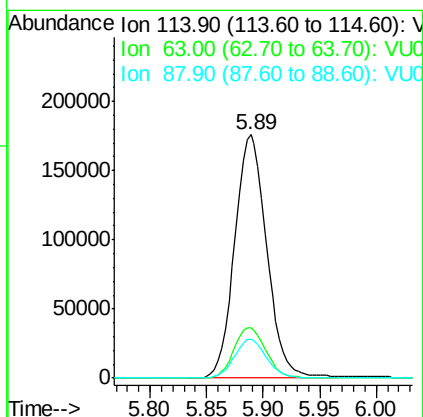
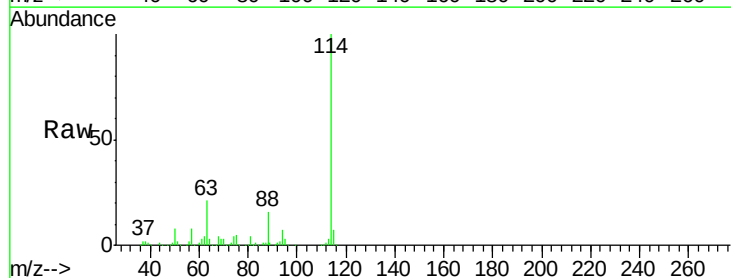
Instrument :
 MSVOA_U
 ClientSampleId :
 WP021SB488-23-25-180622DL

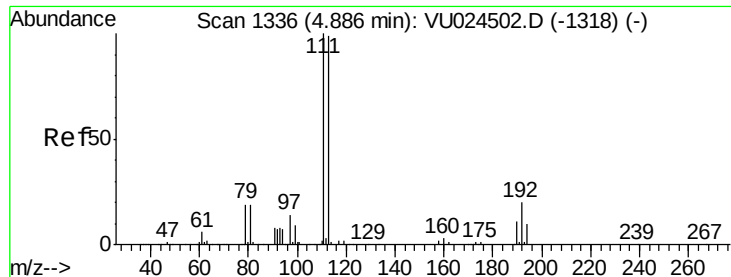
Tgt Ion: 65 Resp: 169258
 Ion Ratio Lower Upper
 65 100
 67 51.8 0.0 107.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1648
 Delta R.T. -0.00 min
 Lab File: VU025019.D
 Acq: 28 Jun 2018 14:40

Tgt Ion: 114 Resp: 348047
 Ion Ratio Lower Upper
 114 100
 63 20.7 0.0 45.4
 88 16.2 0.0 31.0





#35

Dibromofluoromethane

Concen: 46.706 ug/l

RT: 4.89 min Scan# 1336

Delta R.T. 0.00 min

Lab File: VU025019.D

Acq: 28 Jun 2018 14:40

Instrument :

MSVOA_U

ClientSampleId :

WP021SB488-23-25-180622DL

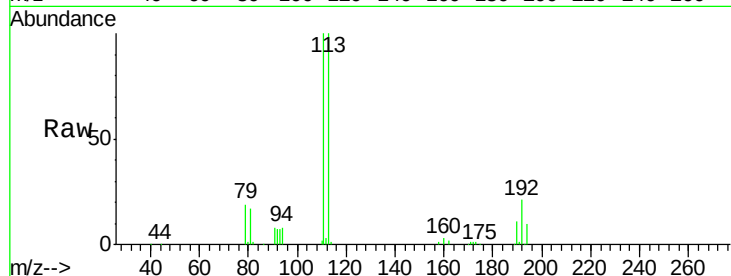
Tgt Ion:113 Resp: 134911

Ion Ratio Lower Upper

113 100

111 102.8 82.2 123.4

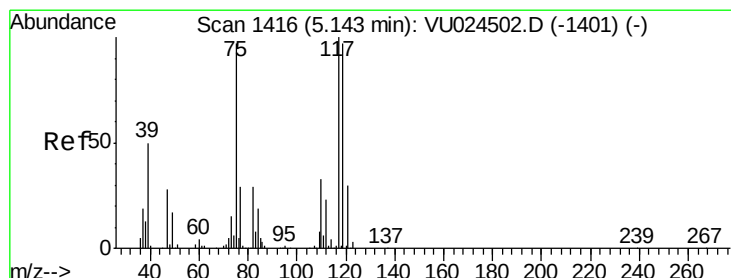
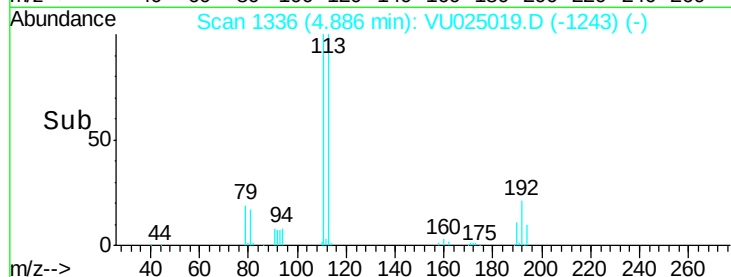
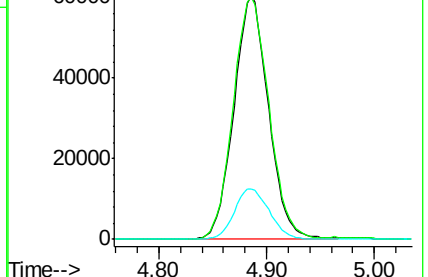
192 21.0 16.2 24.4



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 4.061 ug/l

RT: 4.99 min Scan# 1367

Delta R.T. -0.16 min

Lab File: VU025019.D

Acq: 28 Jun 2018 14:40

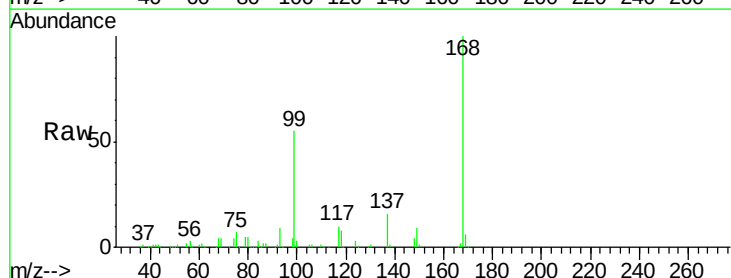
Tgt Ion: 75 Resp: 16609

Ion Ratio Lower Upper

75 100

110 8.1 17.0 50.9#

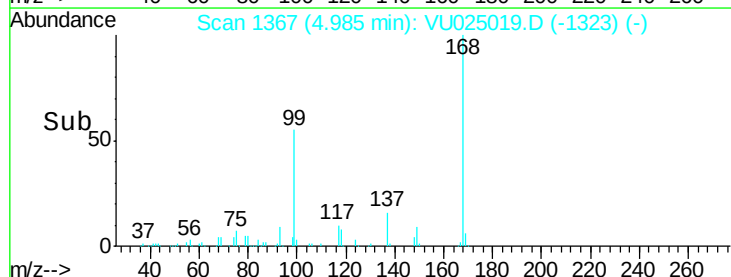
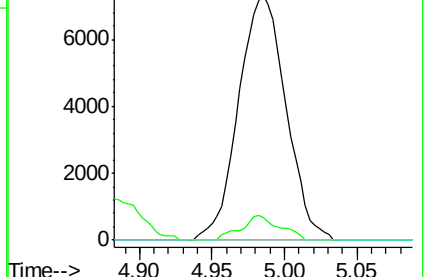
77 0.0 24.2 36.4#

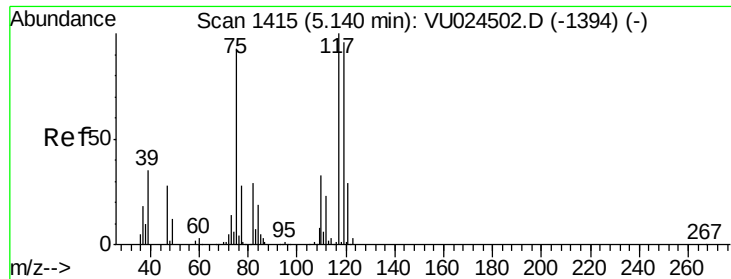


Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VU0





#38

Carbon Tetrachloride

Concen: 4.994 ug/l

RT: 4.99 min Scan# 1367

Delta R.T. -0.15 min

Lab File: VU025019.D

Acq: 28 Jun 2018 14:40

Instrument :

MSVOA_U

ClientSampleId :

WP021SB488-23-25-180622DL

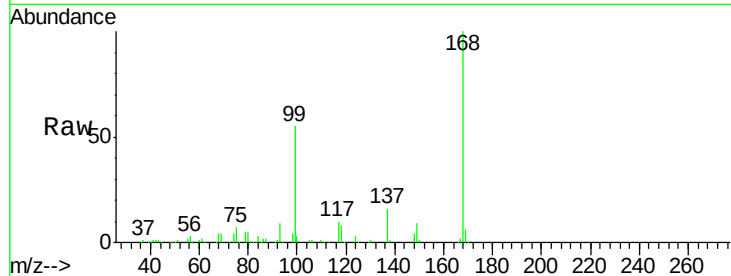
Tgt Ion:117 Resp: 22459

Ion Ratio Lower Upper

117 100

119 4.6 76.1 114.1#

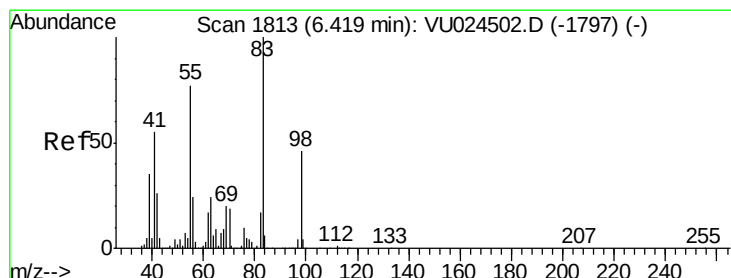
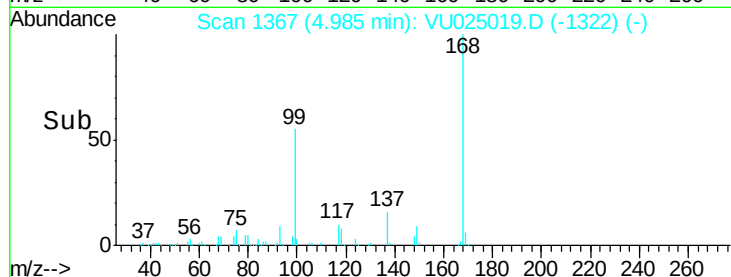
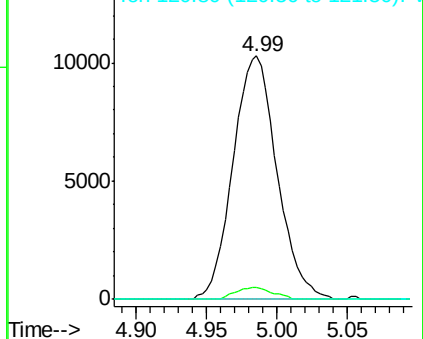
121 0.0 23.7 35.5#



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: 2.329 ug/l

RT: 6.42 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VU025019.D

Acq: 28 Jun 2018 14:40

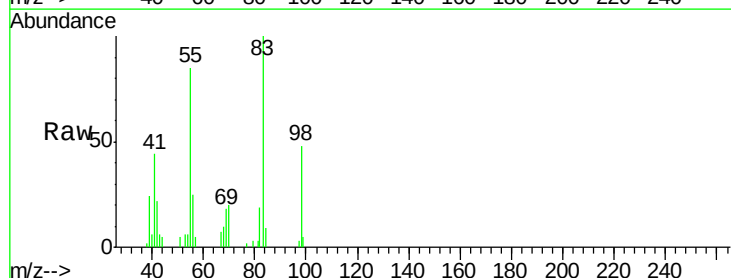
Tgt Ion: 83 Resp: 11887

Ion Ratio Lower Upper

83 100

55 83.5 65.8 98.6

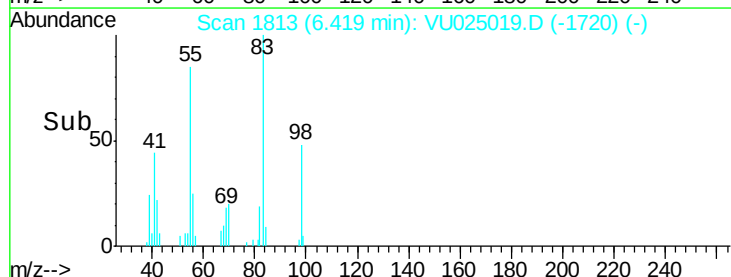
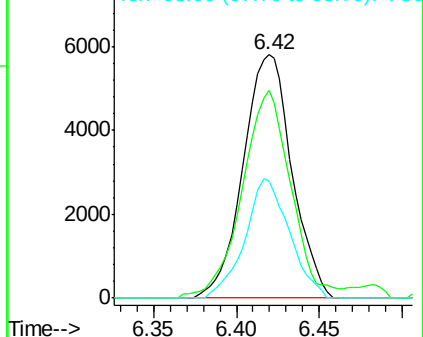
98 48.0 36.7 55.1

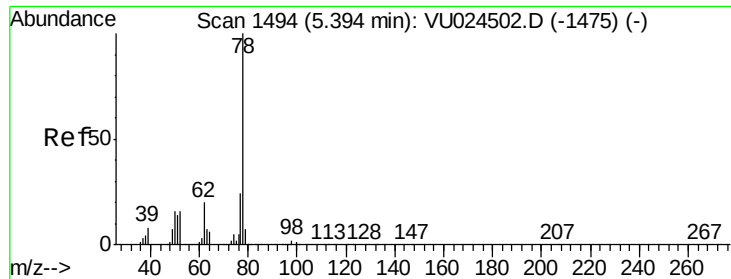


Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 55.00 (54.70 to 55.70): VU0

Ion 98.00 (97.70 to 98.70): VU0





#40

Benzene

Concen: 0.342 ug/l

RT: 5.39 min Scan# 1494

Delta R.T. 0.00 min

Lab File: VU025019.D

Acq: 28 Jun 2018 14:40

Instrument :

MSVOA_U

ClientSampleId :

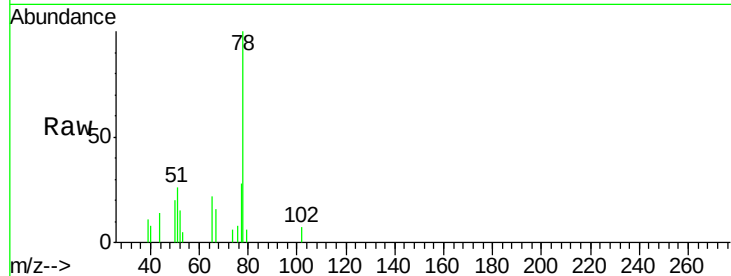
WP021SB488-23-25-180622DL

Tgt Ion: 78 Resp: 3985

Ion Ratio Lower Upper

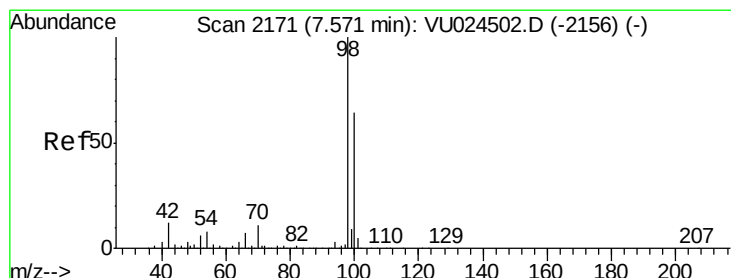
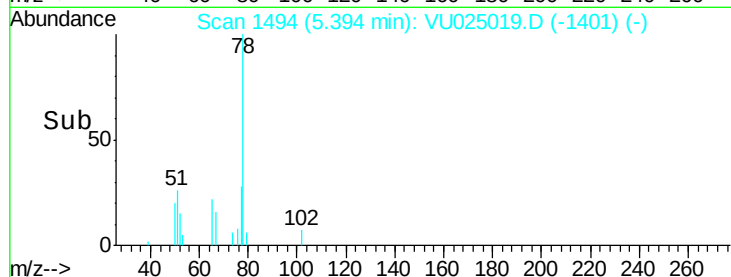
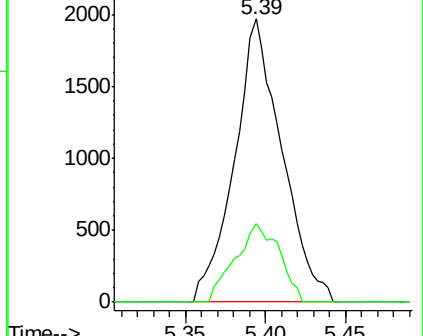
78 100

77 27.7 19.2 28.8



Abundance Ion 78.00 (77.70 to 78.70): VU0

Ion 77.00 (76.70 to 77.70): VU0



#50

Toluene-d8

Concen: 47.710 ug/l

RT: 7.57 min Scan# 2170

Delta R.T. -0.00 min

Lab File: VU025019.D

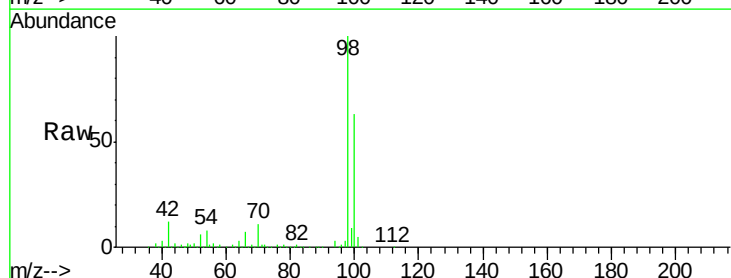
Acq: 28 Jun 2018 14:40

Tgt Ion: 98 Resp: 502680

Ion Ratio Lower Upper

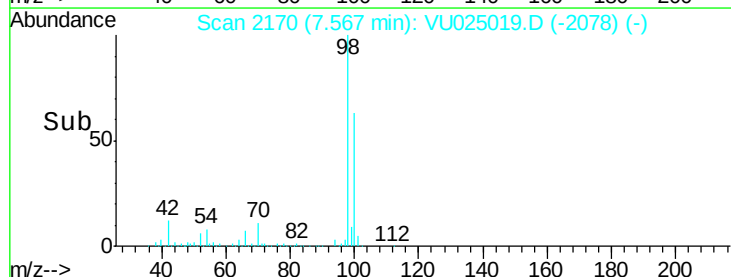
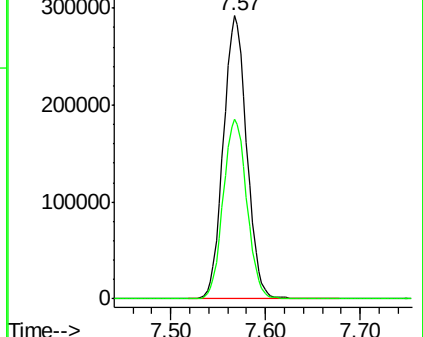
98 100

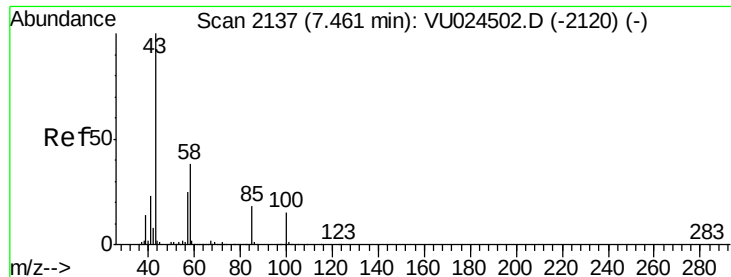
100 64.2 51.1 76.7



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: 1.151 ug/l

RT: 7.47 min Scan# 2139

Delta R.T. 0.01 min

Lab File: VU025019.D

Acq: 28 Jun 2018 14:40

Instrument :

MSVOA_U

ClientSampleId :

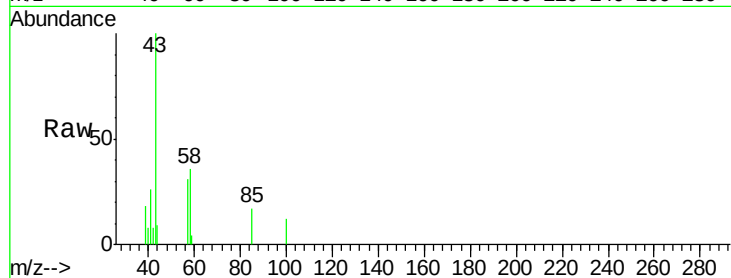
WP021SB488-23-25-180622DL

Tgt Ion: 43 Resp: 5571

Ion Ratio Lower Upper

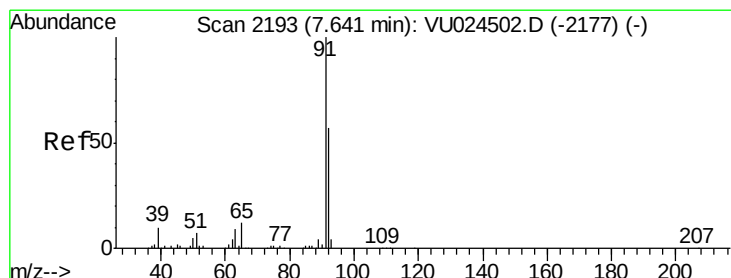
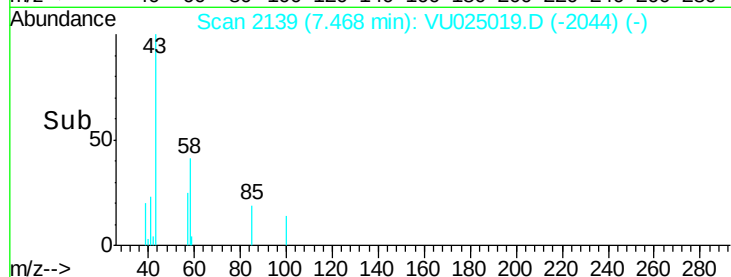
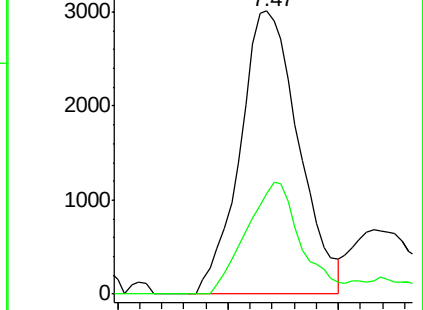
43 100

58 36.6 30.0 45.0



Abundance Ion 43.00 (42.70 to 43.70): VU024502.D (-2120) (-)

Ion 58.00 (57.70 to 58.70): VU024502.D (-2120) (-)



#52

Toluene

Concen: 29.504 ug/l

RT: 7.64 min Scan# 2192

Delta R.T. -0.00 min

Lab File: VU025019.D

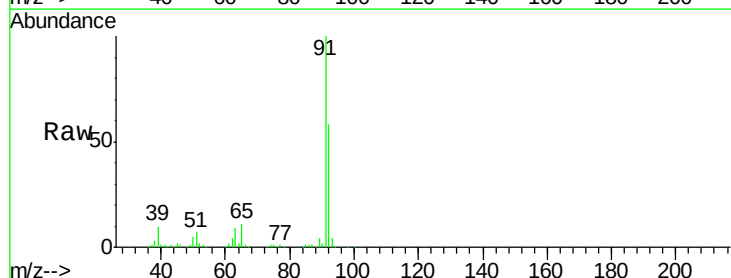
Acq: 28 Jun 2018 14:40

Tgt Ion: 92 Resp: 221209

Ion Ratio Lower Upper

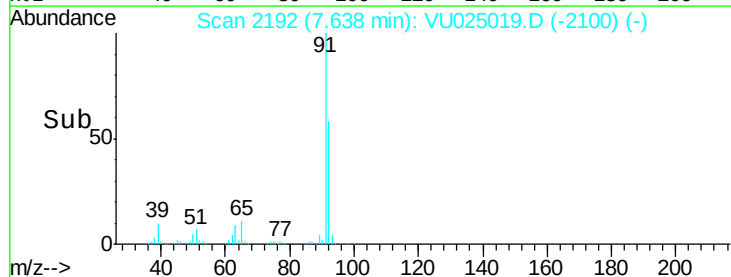
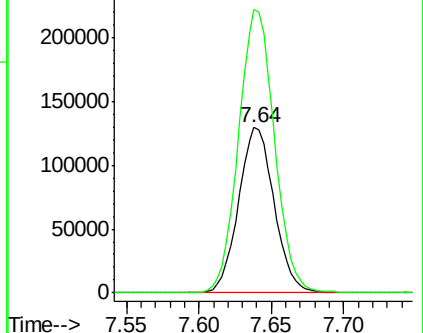
92 100

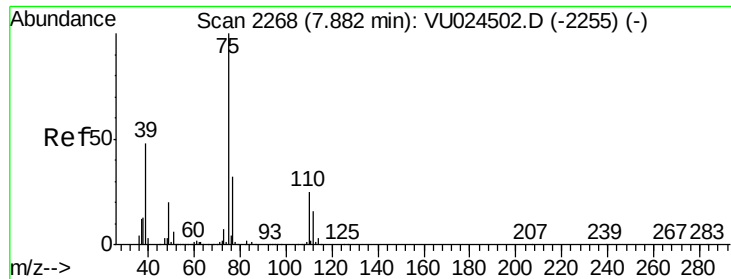
91 173.6 140.5 210.7



Abundance Ion 92.00 (91.70 to 92.70): VU024502.D (-2177) (-)

Ion 91.00 (90.70 to 91.70): VU024502.D (-2177) (-)

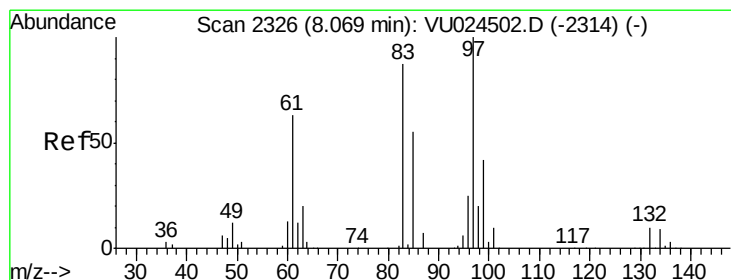
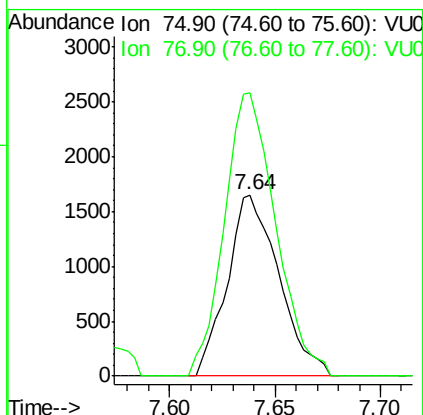
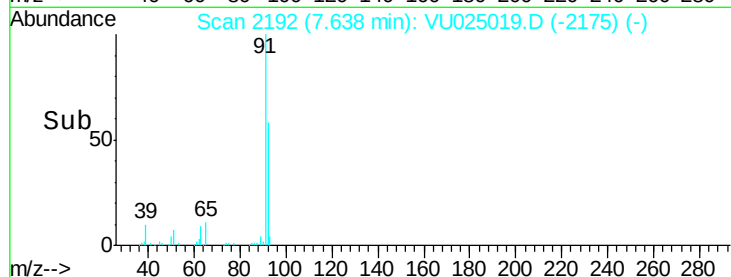
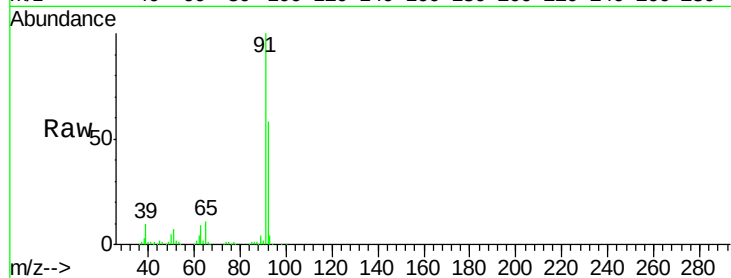




#53
t-1,3-Dichloropropene
Concen: 0.576 ug/l
RT: 7.64 min Scan# 2192
Delta R.T. -0.24 min
Lab File: VU025019.D
Acq: 28 Jun 2018 14:40

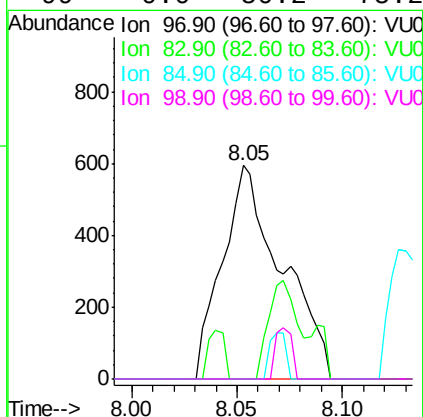
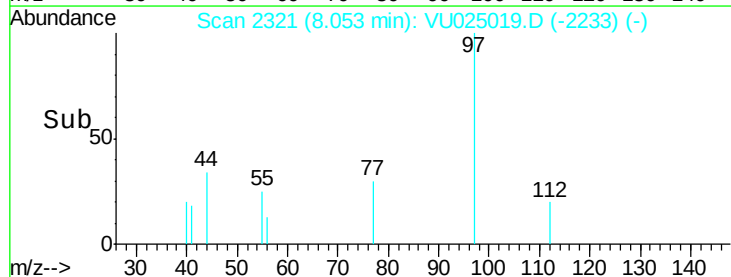
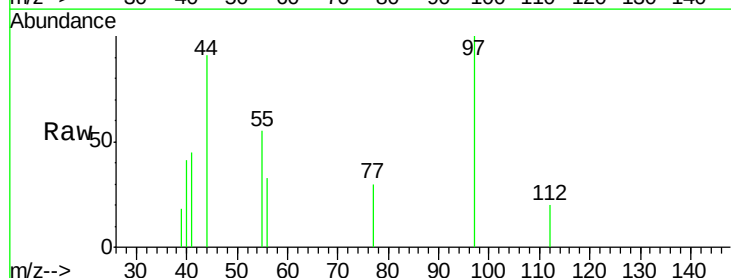
Instrument :
MSVOA_U
ClientSampleId :
WP021SB488-23-25-180622DL

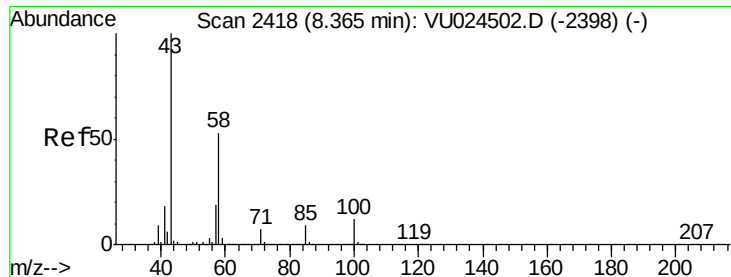
Tgt Ion: 75 Resp: 2813
Ion Ratio Lower Upper
75 100
77 155.9 24.8 37.2#



#55
1,1,2-Trichloroethane
Concen: 0.382 ug/l
RT: 8.05 min Scan# 2321
Delta R.T. -0.02 min
Lab File: VU025019.D
Acq: 28 Jun 2018 14:40

Tgt Ion: 97 Resp: 1164
Ion Ratio Lower Upper
97 100
83 0.0 70.5 105.7#
85 0.0 46.4 69.6#
99 0.0 50.2 75.2#

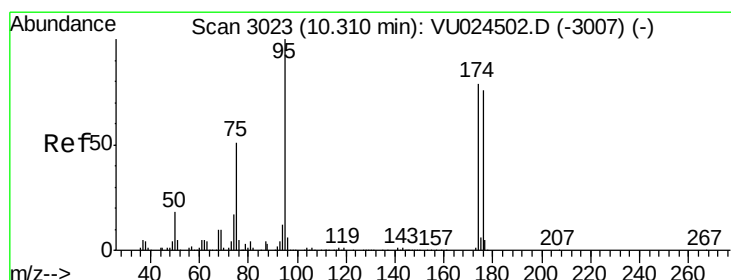
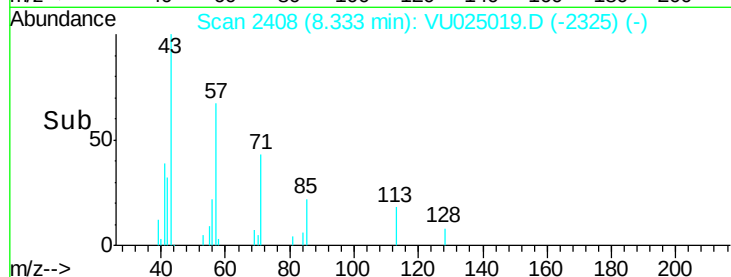
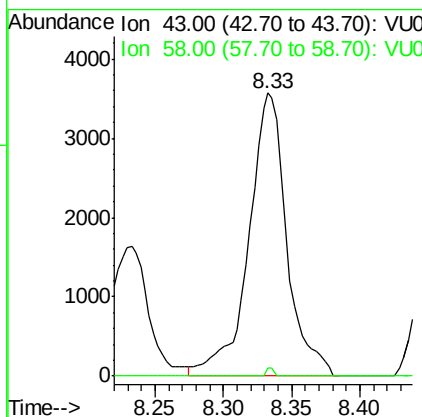
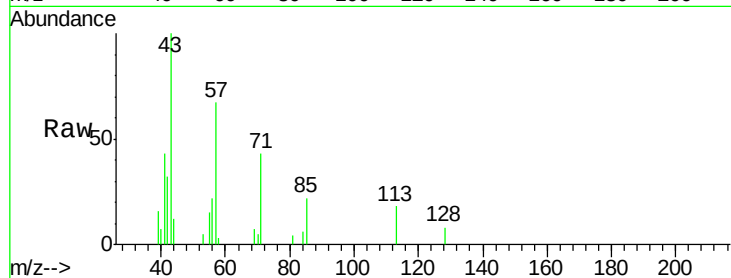




#59
 2-Hexanone
 Concen: 1.749 ug/l
 RT: 8.33 min Scan# 2408
 Delta R.T. -0.03 min
 Lab File: VU025019.D
 Acq: 28 Jun 2018 14:40

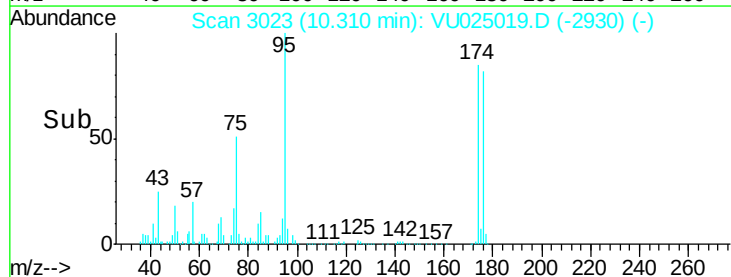
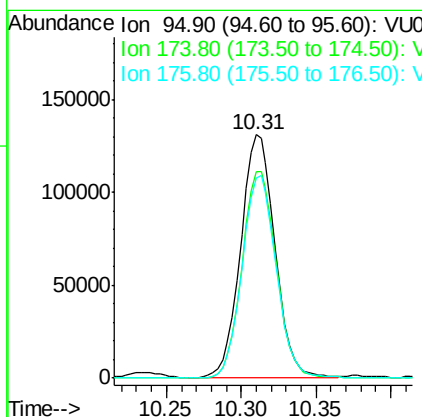
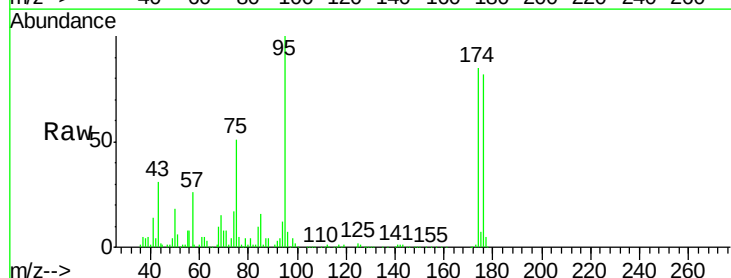
Instrument :
 MSVOA_U
 ClientSampleId :
 WP021SB488-23-25-180622DL

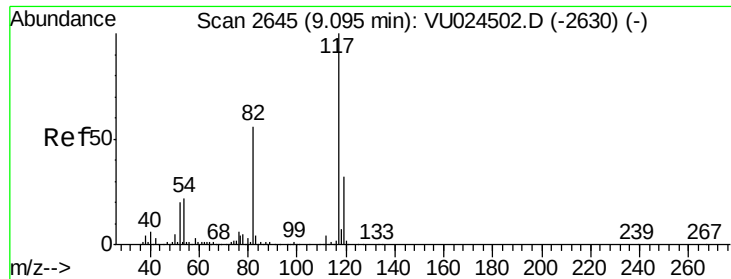
Tgt Ion: 43 Resp: 6914
 Ion Ratio Lower Upper
 43 100
 58 0.6 26.4 79.0#



#62
 4-Bromofluorobenzene
 Concen: 49.756 ug/l
 RT: 10.31 min Scan# 3023
 Delta R.T. 0.00 min
 Lab File: VU025019.D
 Acq: 28 Jun 2018 14:40

Tgt Ion: 95 Resp: 208143
 Ion Ratio Lower Upper
 95 100
 174 85.6 0.0 165.8
 176 83.3 0.0 159.4

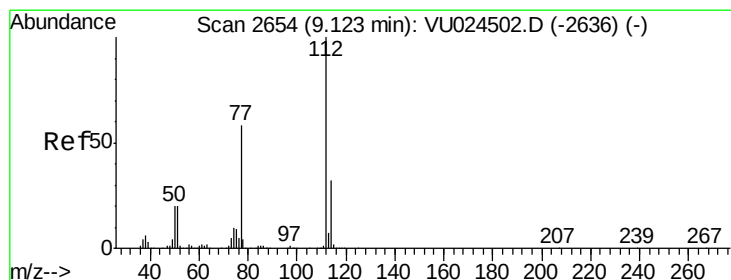
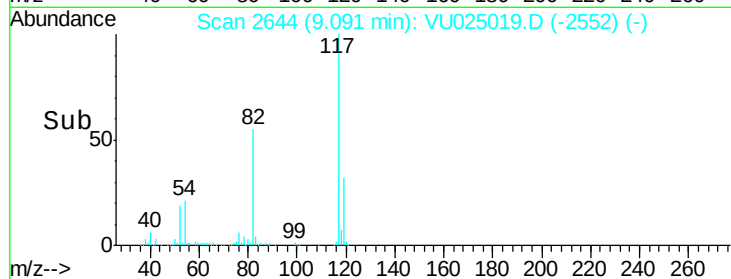
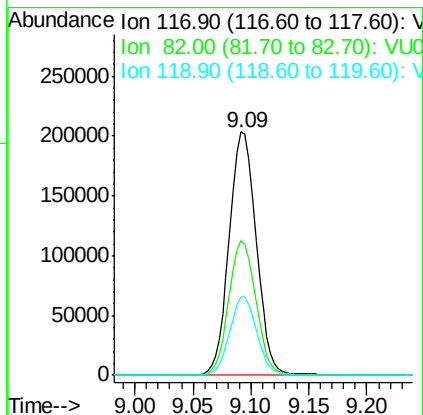
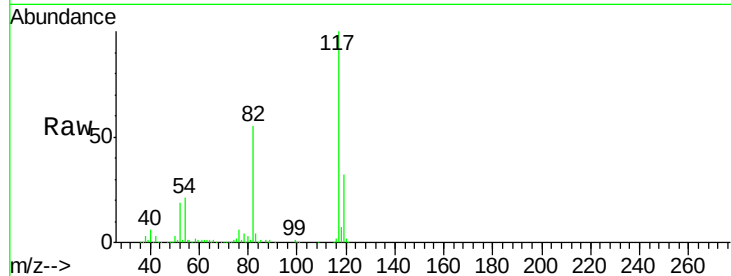




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2644
Delta R.T. -0.00 min
Lab File: VU025019.D
Acq: 28 Jun 2018 14:40

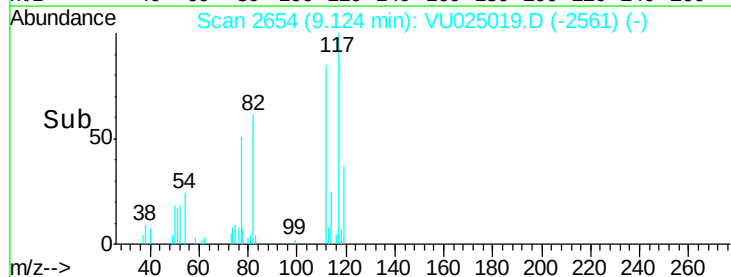
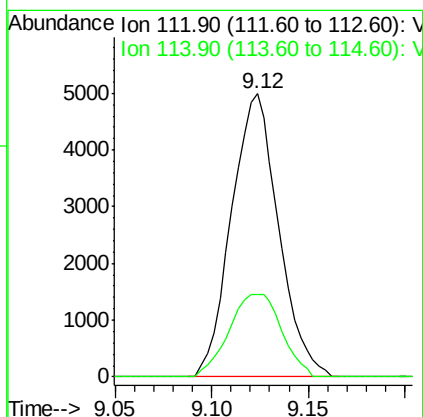
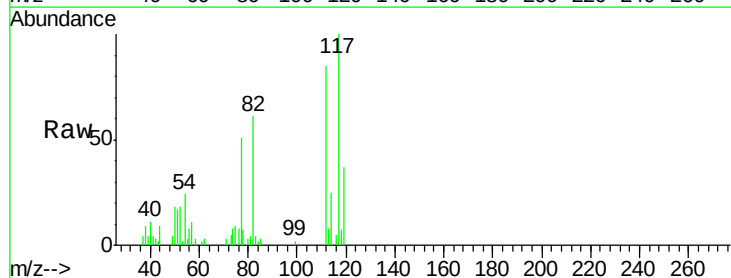
Instrument :
MSVOA_U
ClientSampleId :
WP021SB488-23-25-180622DL

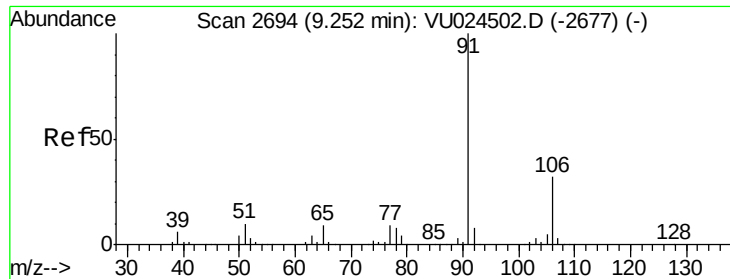
Tgt Ion	Ratio	Lower	Upper
117	100		
82	55.0	44.3	66.5
119	32.0	25.4	38.2



#65
Chlorobenzene
Concen: 0.998 ug/l
RT: 9.12 min Scan# 2654
Delta R.T. 0.00 min
Lab File: VU025019.D
Acq: 28 Jun 2018 14:40

Tgt Ion	Ratio	Lower	Upper
112	100		
114	29.3	25.6	38.4

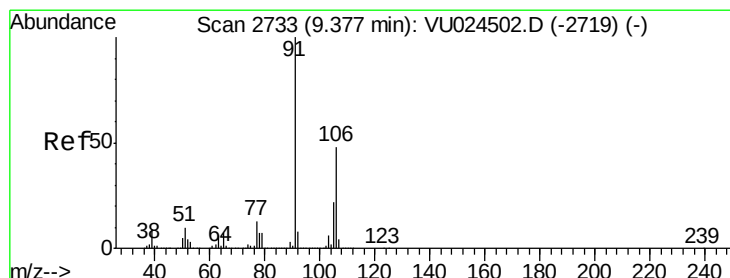
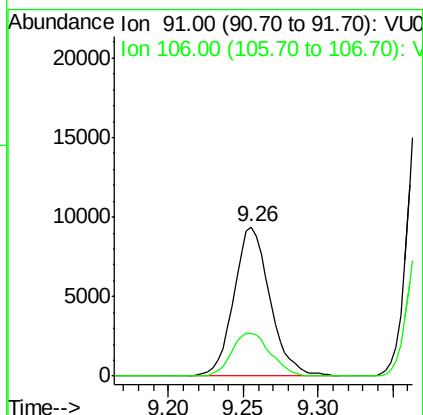
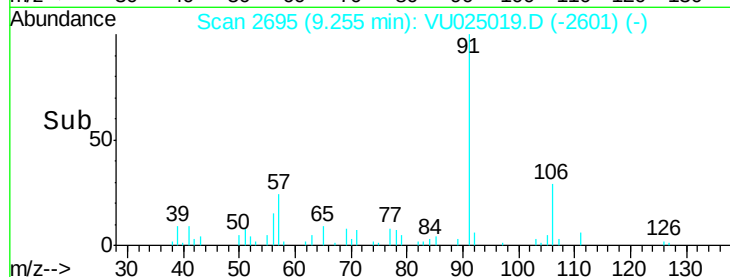
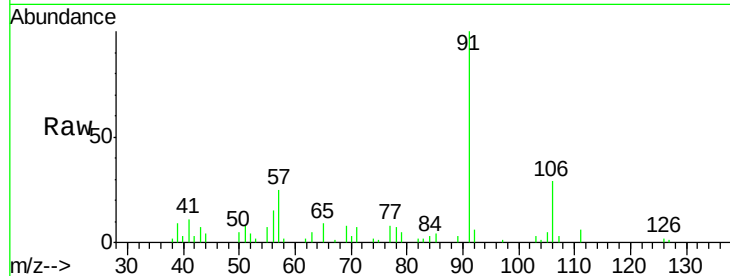




#67
 Ethyl Benzene
 Concen: 1.062 ug/l
 RT: 9.26 min Scan# 2695
 Delta R.T. 0.00 min
 Lab File: VU025019.D
 Acq: 28 Jun 2018 14:40

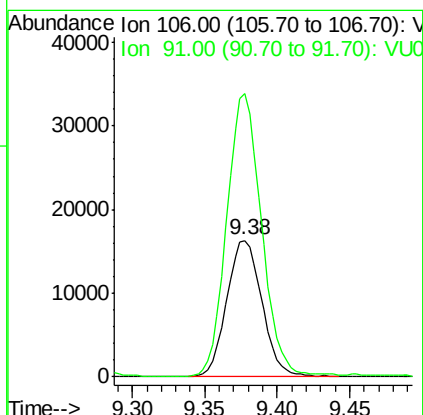
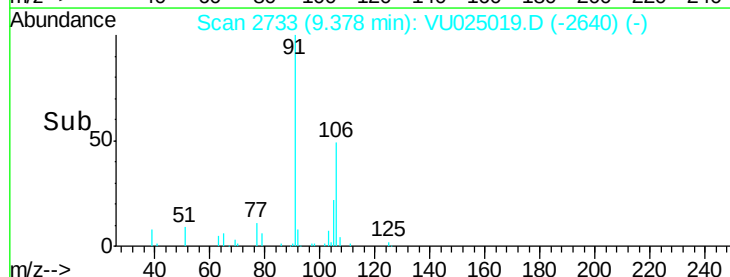
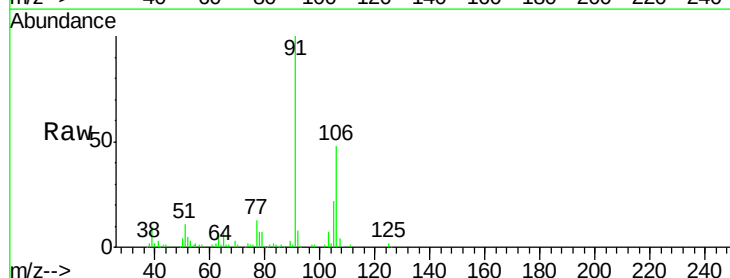
Instrument :
 MSVOA_U
 ClientSampleId :
 WP021SB488-23-25-180622DL

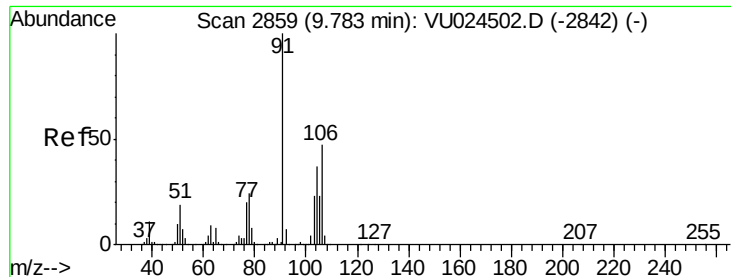
Tgt Ion: 91 Resp: 15758
 Ion Ratio Lower Upper
 91 100
 106 28.8 24.2 36.4



#68
 m/p-Xylenes
 Concen: 4.842 ug/l
 RT: 9.38 min Scan# 2733
 Delta R.T. 0.00 min
 Lab File: VU025019.D
 Acq: 28 Jun 2018 14:40

Tgt Ion: 106 Resp: 27581
 Ion Ratio Lower Upper
 106 100
 91 204.8 166.5 249.7

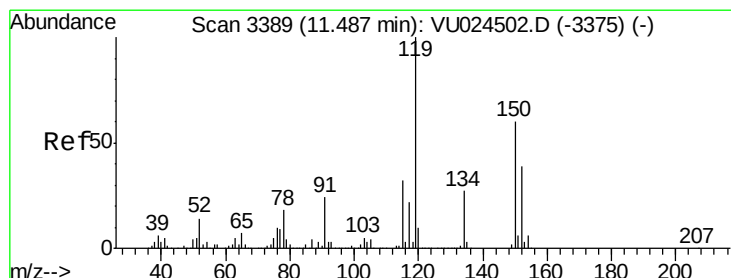
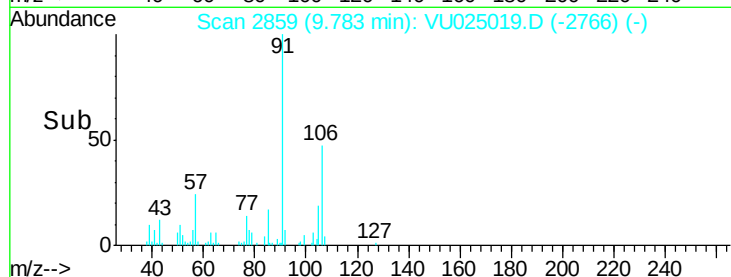
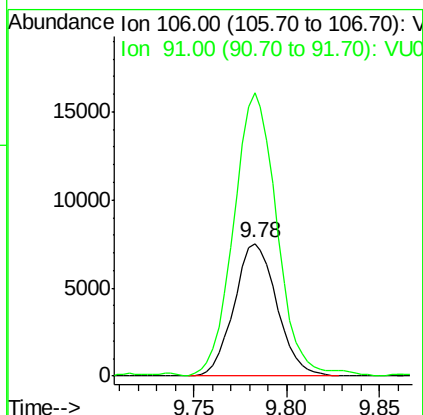
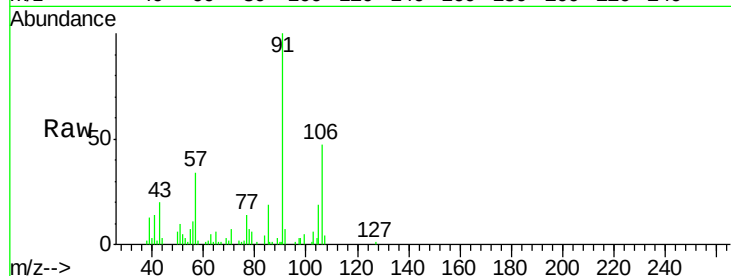




#69
o-Xylene
Concen: 2.144 ug/l
RT: 9.78 min Scan# 2859
Delta R.T. 0.00 min
Lab File: VU025019.D
Acq: 28 Jun 2018 14:40

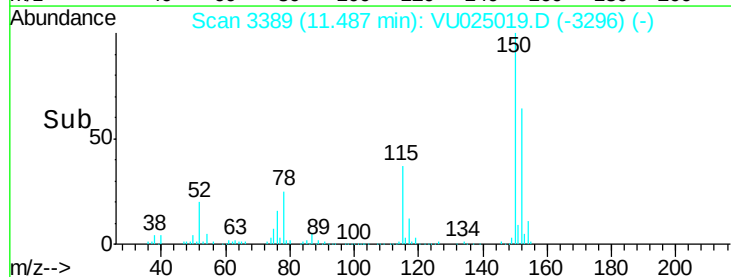
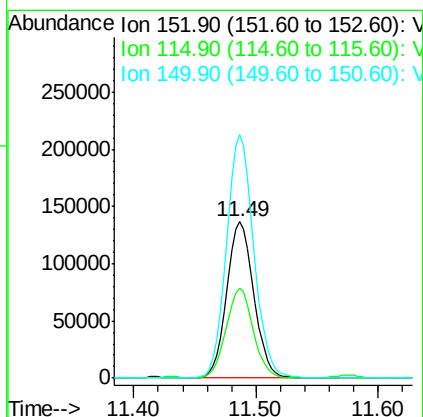
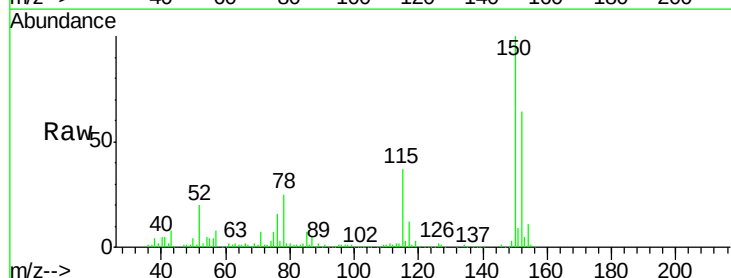
Instrument :
MSVOA_U
ClientSampleId :
WP021SB488-23-25-180622DL

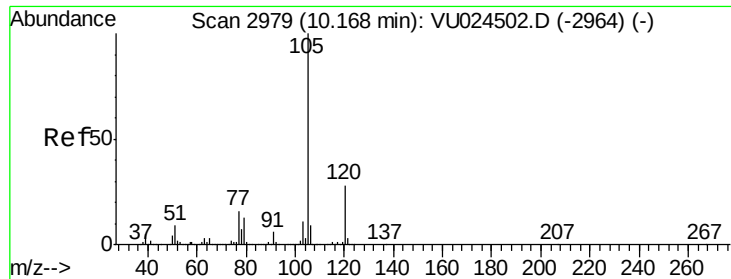
Tgt Ion:106 Resp: 12087
Ion Ratio Lower Upper
106 100
91 215.9 110.7 331.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.49 min Scan# 3389
Delta R.T. 0.00 min
Lab File: VU025019.D
Acq: 28 Jun 2018 14:40

Tgt Ion:152 Resp: 211793
Ion Ratio Lower Upper
152 100
115 57.4 43.0 129.0
150 157.6 0.0 354.0





#73

Isopropylbenzene

Concen: 0.514 ug/l

RT: 10.17 min Scan# 2980

Delta R.T. 0.00 min

Lab File: VU025019.D

Acq: 28 Jun 2018 14:40

Instrument :

MSVOA_U

ClientSampleId :

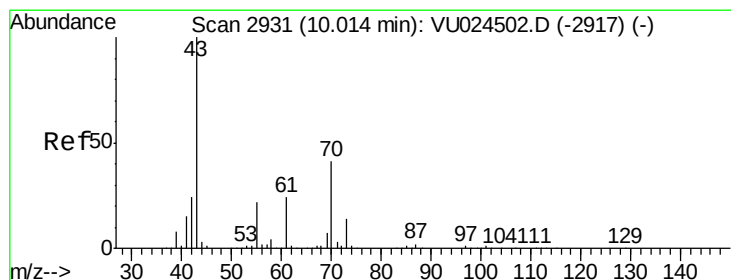
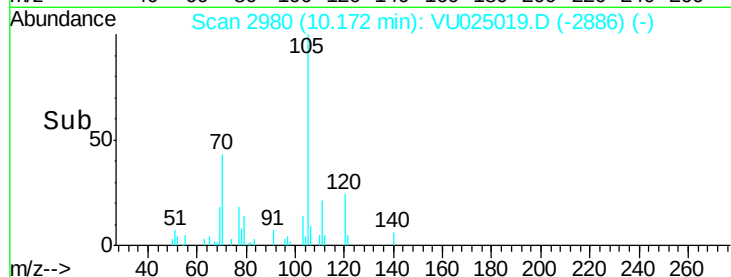
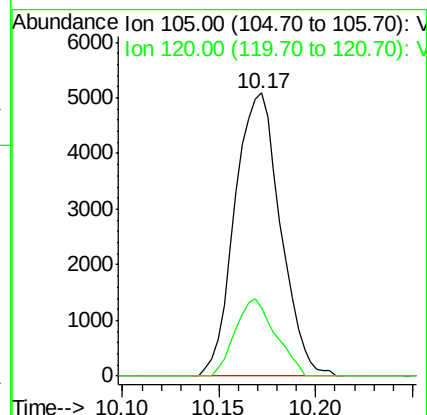
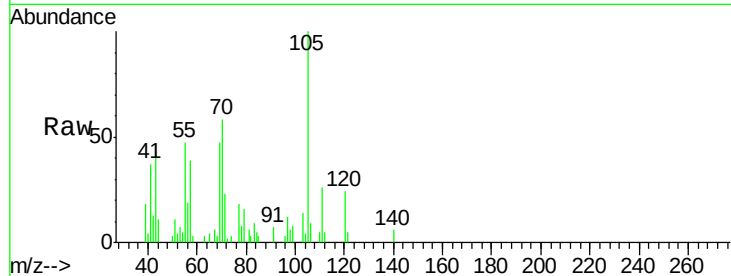
WP021SB488-23-25-180622DL

Tgt Ion:105 Resp: 8359

Ion Ratio Lower Upper

105 100

120 24.0 13.2 39.6



#74

N-ethyl acetate

Concen: 1.576 ug/l

RT: 10.01 min Scan# 2931

Delta R.T. 0.00 min

Lab File: VU025019.D

Acq: 28 Jun 2018 14:40

Tgt Ion: 43 Resp: 12189

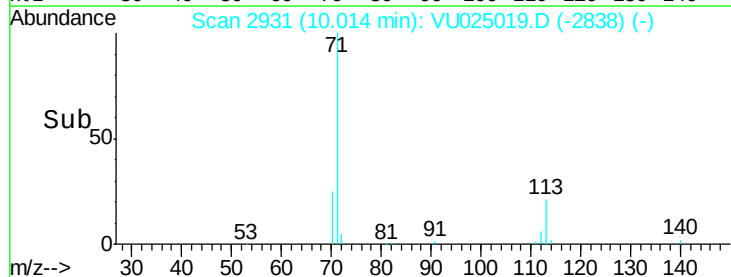
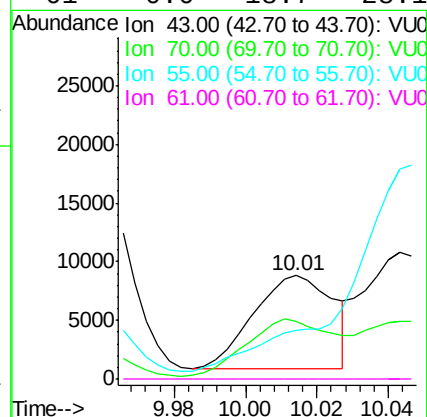
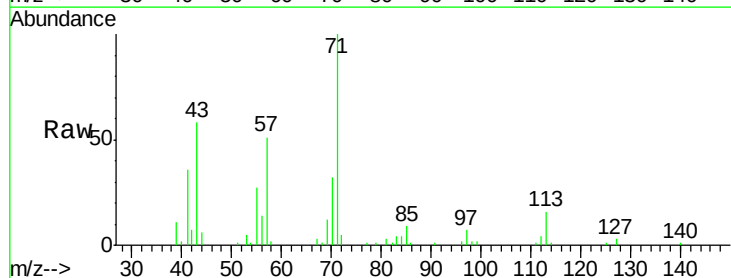
Ion Ratio Lower Upper

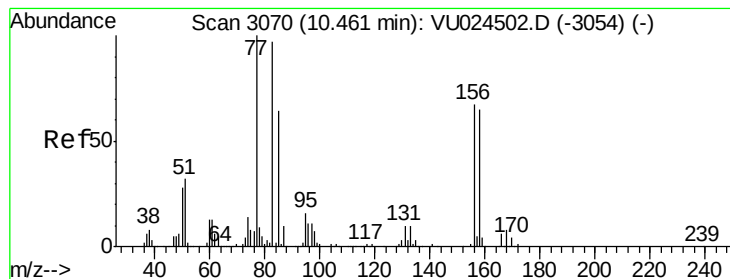
43 100

70 64.4 32.2 48.4#

55 0.0 20.5 30.7#

61 0.0 18.7 28.1#





#75

1,1,2,2-Tetrachloroethane

Concen: 1.369 ug/l

RT: 10.46 min Scan# 3069

Delta R.T. -0.00 min

Lab File: VU025019.D

Acq: 28 Jun 2018 14:40

Instrument :

MSVOA_U

ClientSampleId :

WP021SB488-23-25-180622DL

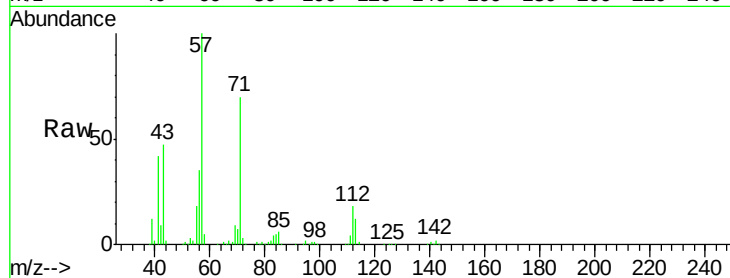
Tgt Ion: 83 Resp: 7457

Ion Ratio Lower Upper

83 100

131 0.0 4.7 14.1#

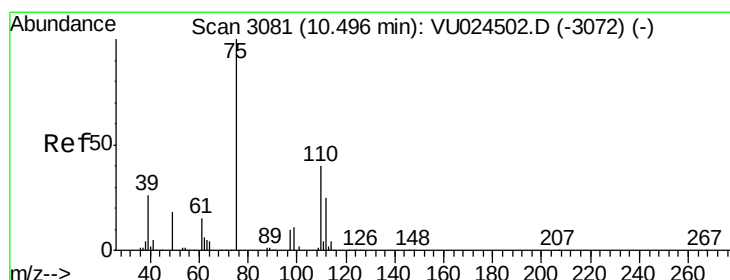
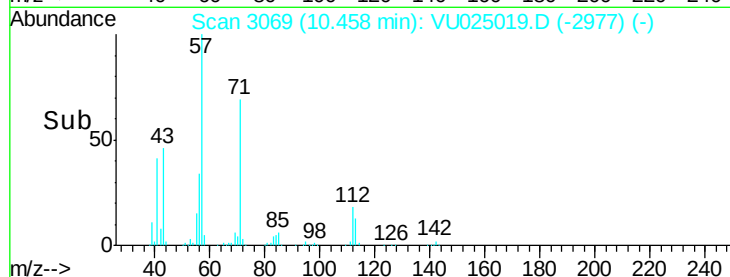
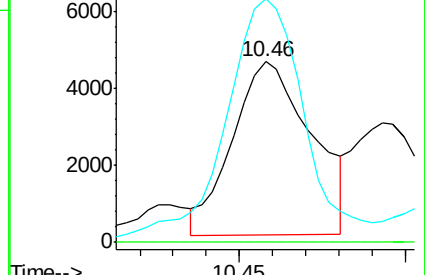
85 133.9 32.5 97.5#



Abundance Ion 82.90 (82.60 to 83.60): VU0

Ion 130.80 (130.50 to 131.50): VU0

Ion 84.90 (84.60 to 85.60): VU0



#76

1,2,3-Trichloropropane

Concen: 22.747 ug/l

RT: 10.31 min Scan# 3023

Delta R.T. -0.19 min

Lab File: VU025019.D

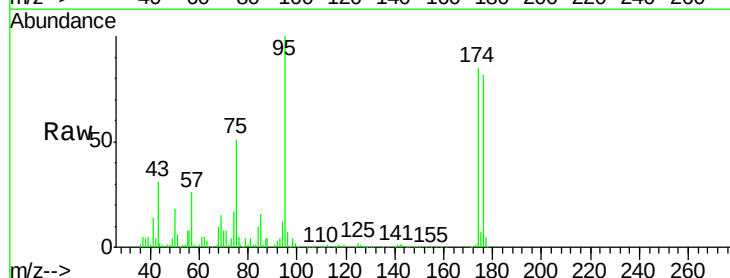
Acq: 28 Jun 2018 14:40

Tgt Ion: 75 Resp: 106069

Ion Ratio Lower Upper

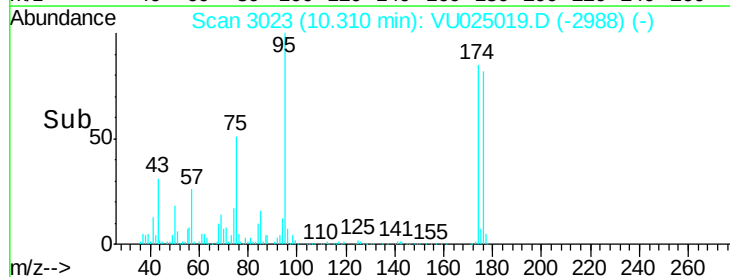
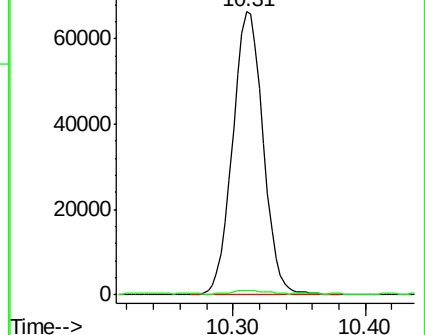
75 100

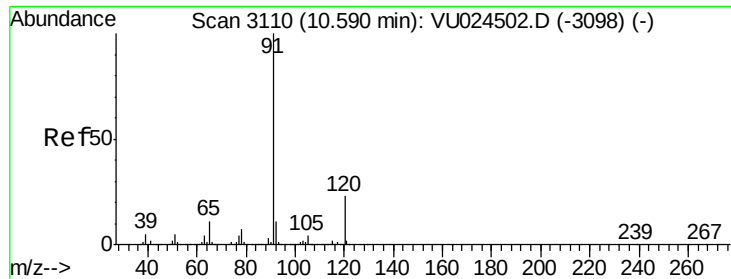
77 1.4 20.9 62.7#



Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 77.00 (76.70 to 77.70): VU0





#78

n-propylbenzene

Concen: 0.944 ug/l

RT: 10.59 min Scan# 3111

Delta R.T. 0.00 min

Lab File: VU025019.D

Acq: 28 Jun 2018 14:40

Instrument :

MSVOA_U

ClientSampleId :

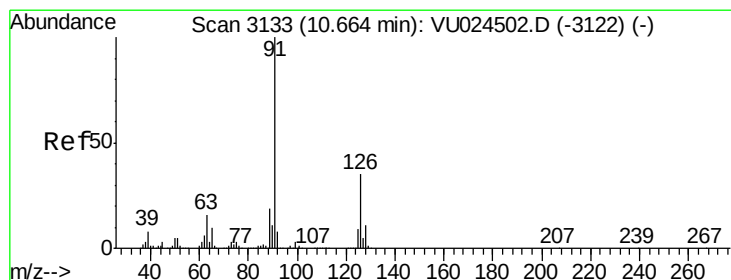
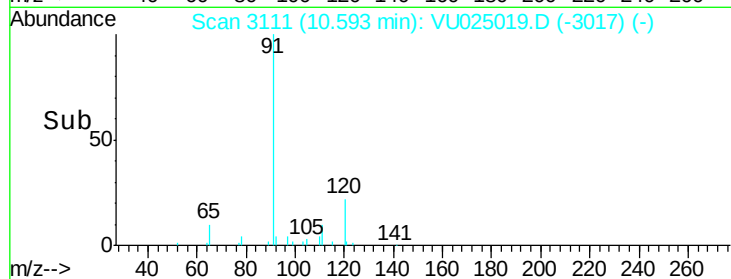
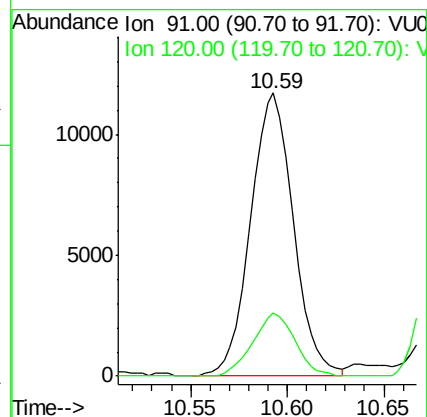
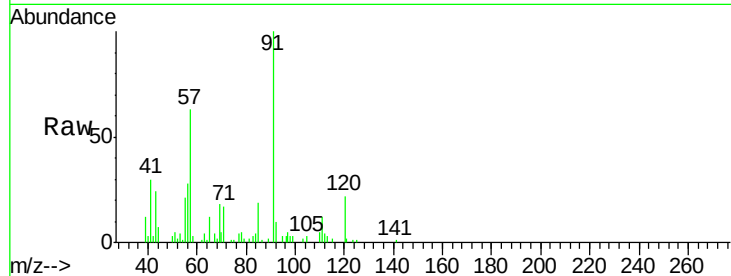
WP021SB488-23-25-180622DL

Tgt Ion: 91 Resp: 18081

Ion Ratio Lower Upper

91 100

120 21.7 11.2 33.5



#79

2-Chlorotoluene

Concen: 0.731 ug/l

RT: 10.69 min Scan# 3140

Delta R.T. 0.02 min

Lab File: VU025019.D

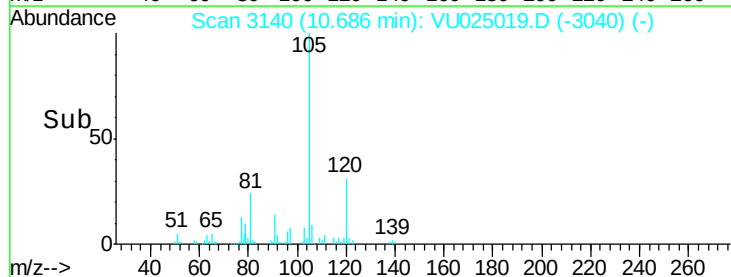
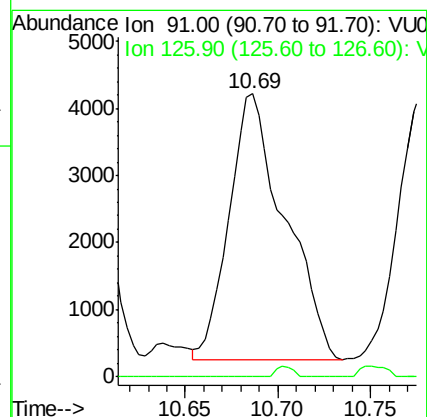
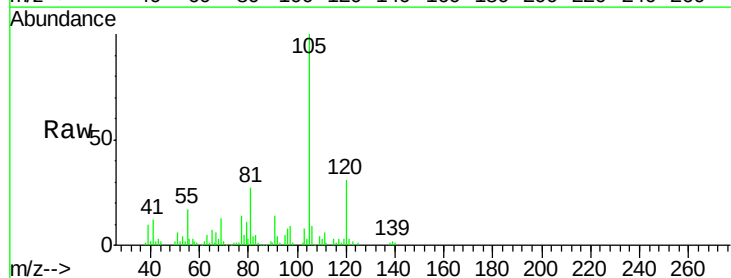
Acq: 28 Jun 2018 14:40

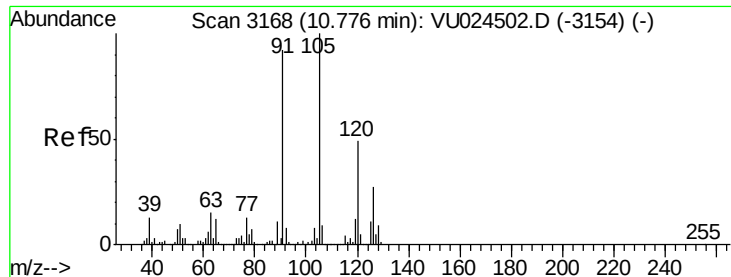
Tgt Ion: 91 Resp: 8257

Ion Ratio Lower Upper

91 100

126 1.2 16.9 50.7#





#80

1,3,5-Trimethylbenzene

Concen: 3.443 ug/l

RT: 10.78 min Scan# 3168

Delta R.T. 0.00 min

Lab File: VU025019.D

Acq: 28 Jun 2018 14:40

Instrument :

MSVOA_U

ClientSampleId :

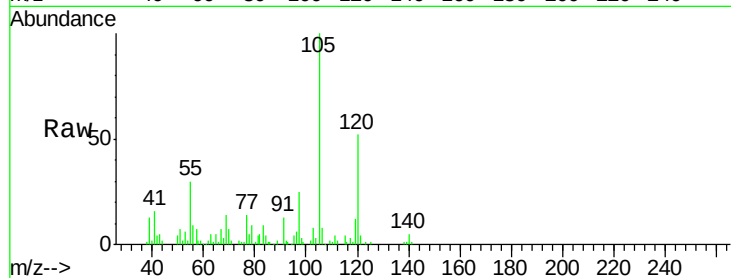
WP021SB488-23-25-180622DL

Tgt Ion:105 Resp: 48522

Ion Ratio Lower Upper

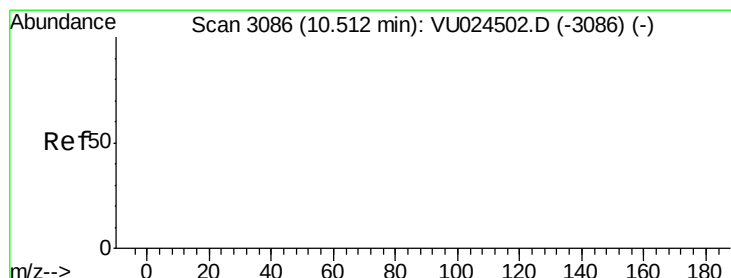
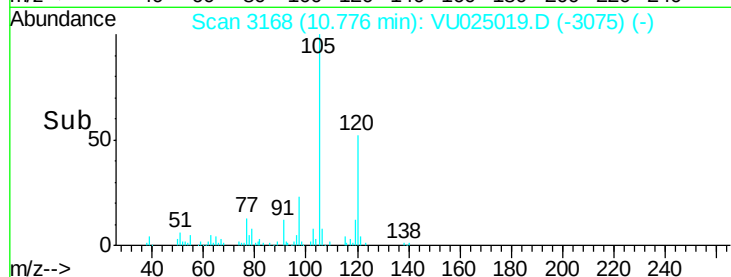
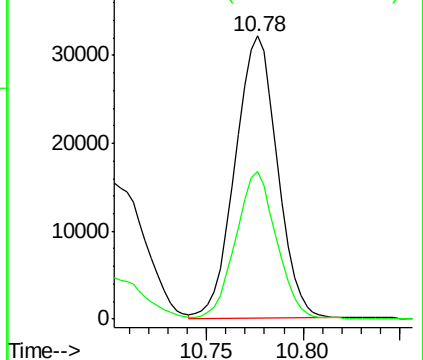
105 100

120 51.1 24.1 72.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#81

trans-1,4-Dichloro-2-butene

Concen: 52.647 ug/l

RT: 10.31 min Scan# 3023

Delta R.T. -0.20 min

Lab File: VU025019.D

Acq: 28 Jun 2018 14:40

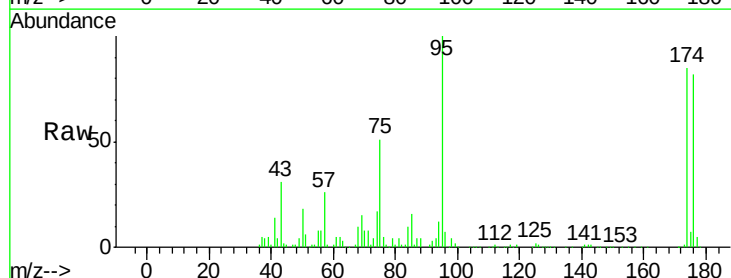
Tgt Ion: 75 Resp: 106069

Ion Ratio Lower Upper

75 100

53 3.6 0.0 0.0#

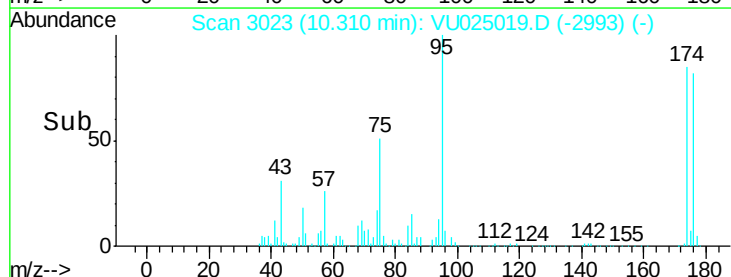
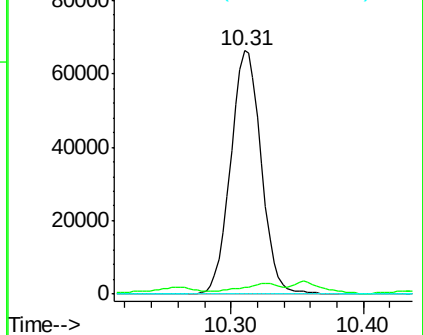
89 0.0 0.0 0.0

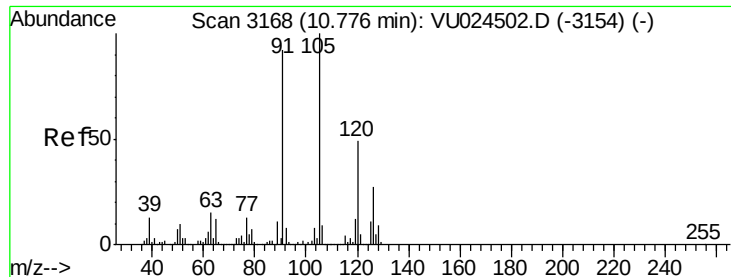


Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 53.00 (52.70 to 53.70): VU0

Ion 88.90 (88.60 to 89.60): VU0





#82

4-Chlorotoluene

Concen: 0.442 ug/l

RT: 10.78 min Scan# 3168

Delta R.T. 0.00 min

Lab File: VU025019.D

Acq: 28 Jun 2018 14:40

Instrument :

MSVOA_U

ClientSampleId :

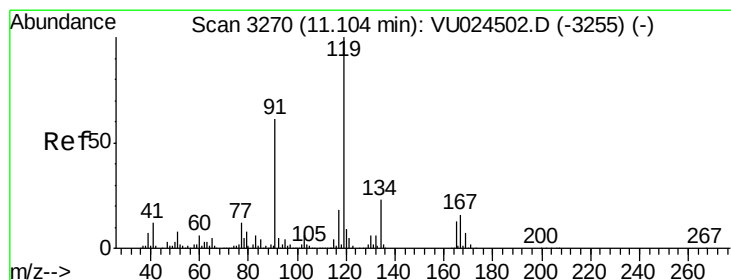
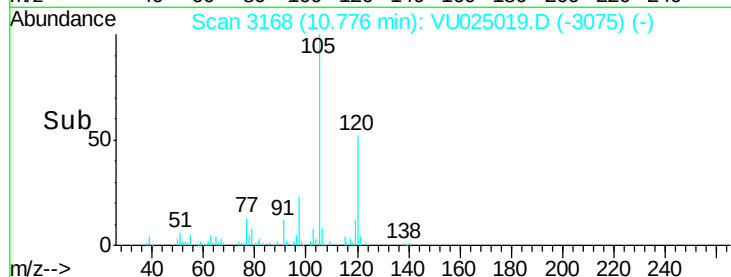
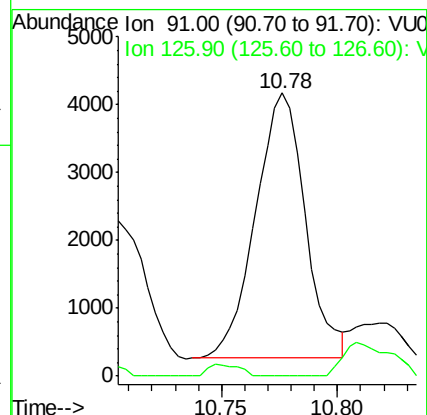
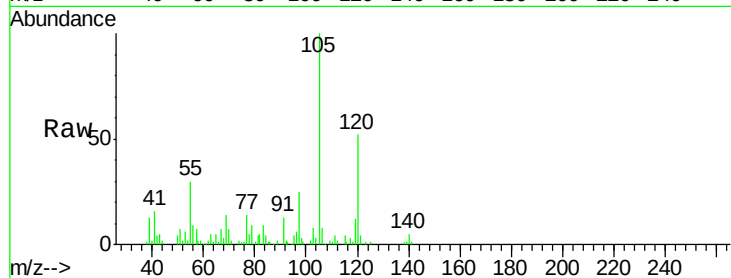
WP021SB488-23-25-180622DL

Tgt Ion: 91 Resp: 5811

Ion Ratio Lower Upper

91 100

126 0.0 14.9 44.9#



#83

tert-Butylbenzene

Concen: 0.311 ug/l

RT: 11.10 min Scan# 3270

Delta R.T. 0.00 min

Lab File: VU025019.D

Acq: 28 Jun 2018 14:40

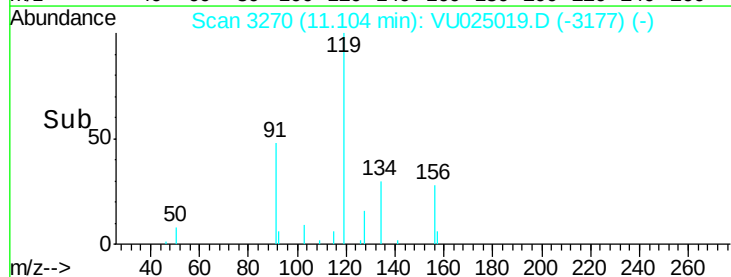
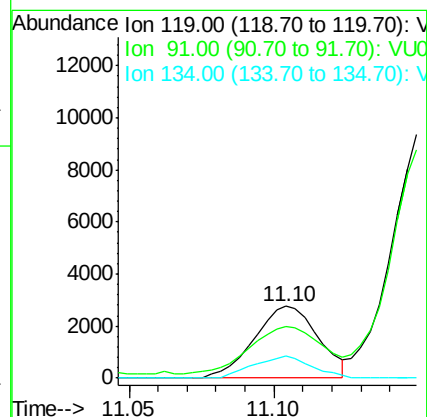
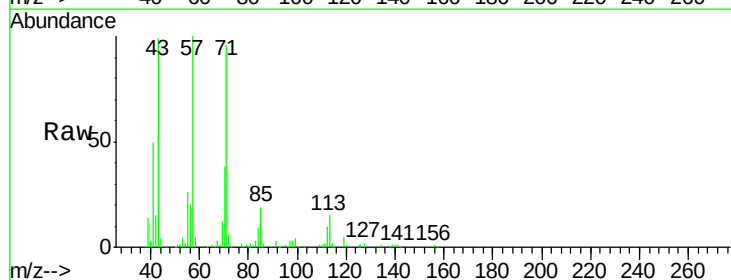
Tgt Ion: 119 Resp: 4221

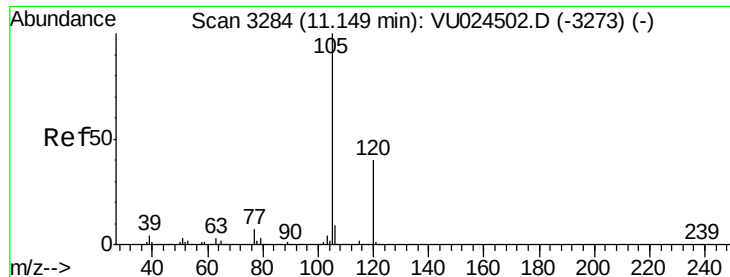
Ion Ratio Lower Upper

119 100

91 72.9 29.7 89.1

134 27.8 11.6 34.7

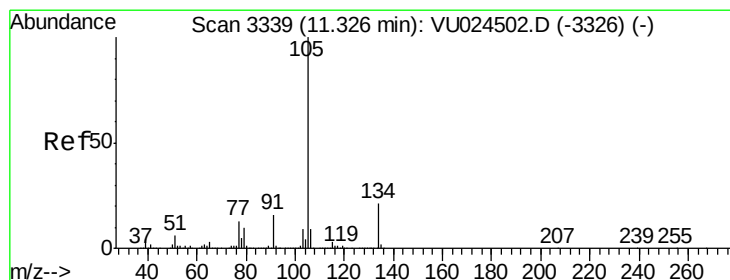
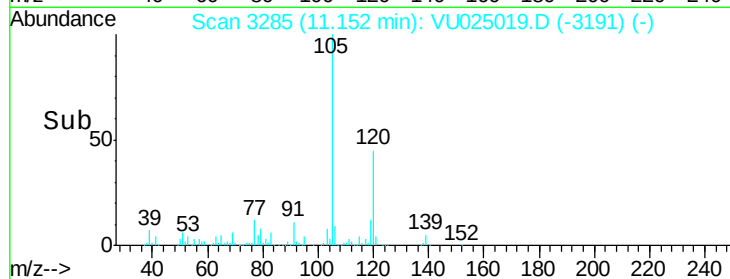
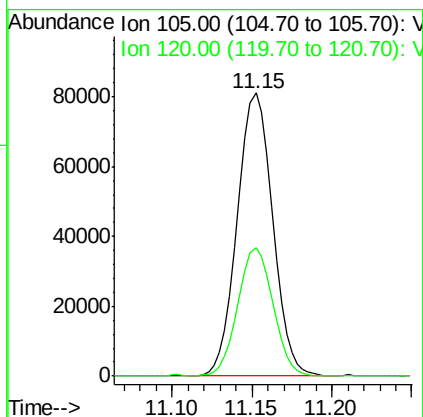
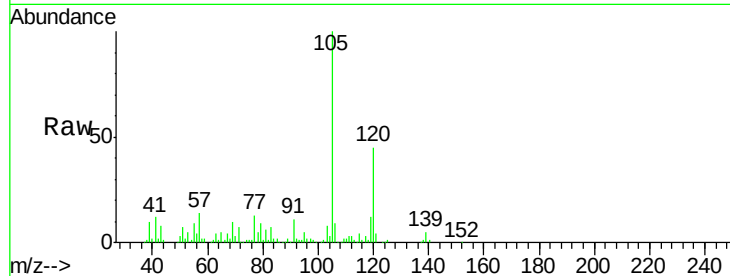




#84
 1,2,4-Trimethylbenzene
 Concen: 8.529 ug/l
 RT: 11.15 min Scan# 3285
 Delta R.T. 0.00 min
 Lab File: VU025019.D
 Acq: 28 Jun 2018 14:40

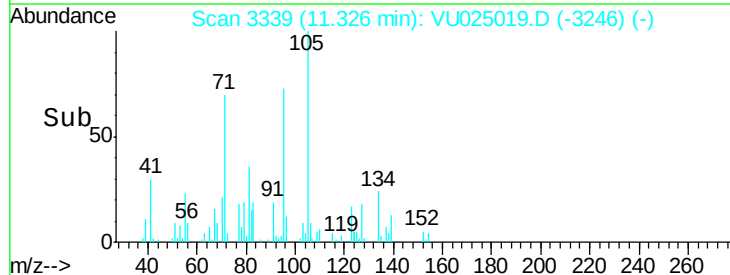
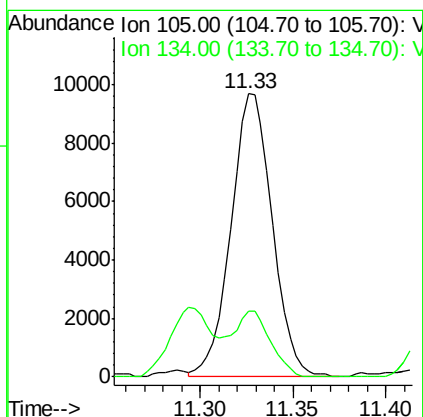
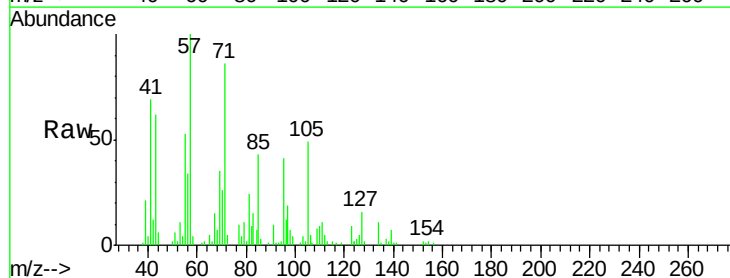
Instrument :
 MSVOA_U
 ClientSampleId :
 WP021SB488-23-25-180622DL

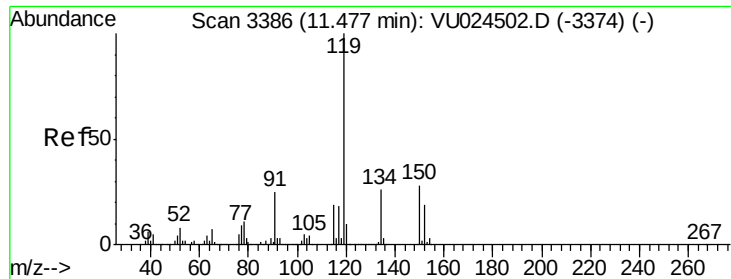
Tgt Ion:105 Resp: 122503
 Ion Ratio Lower Upper
 105 100
 120 45.0 22.6 67.8



#85
 sec-Butylbenzene
 Concen: 0.882 ug/l
 RT: 11.33 min Scan# 3339
 Delta R.T. 0.00 min
 Lab File: VU025019.D
 Acq: 28 Jun 2018 14:40

Tgt Ion:105 Resp: 14973
 Ion Ratio Lower Upper
 105 100
 134 20.1 9.7 29.1

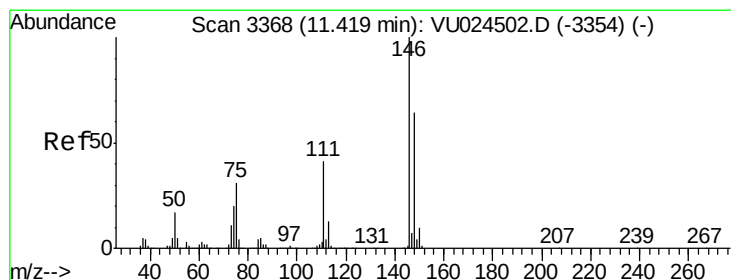
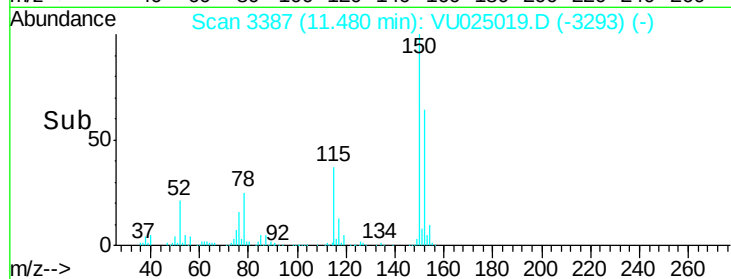
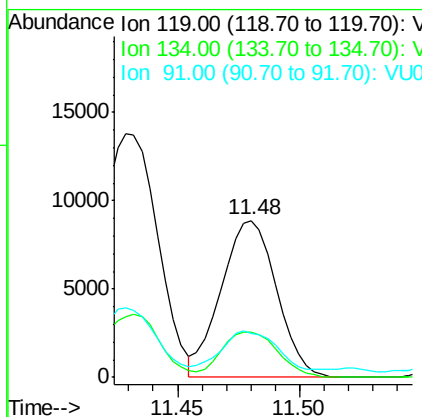
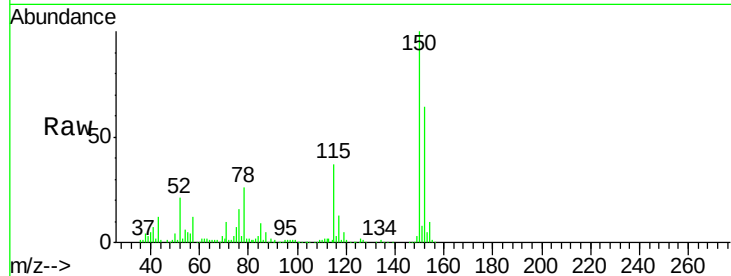




#86
p-Isopropyltoluene
Concen: 0.921 ug/l
RT: 11.48 min Scan# 3387
Delta R.T. 0.00 min
Lab File: VU025019.D
Acq: 28 Jun 2018 14:40

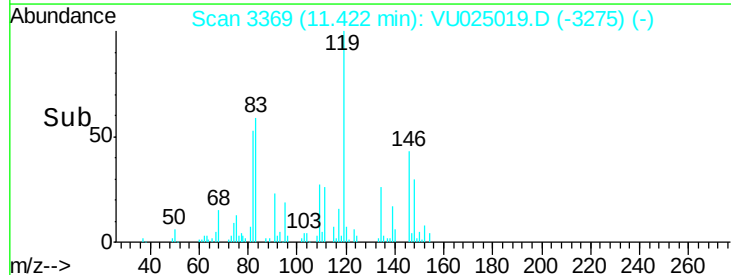
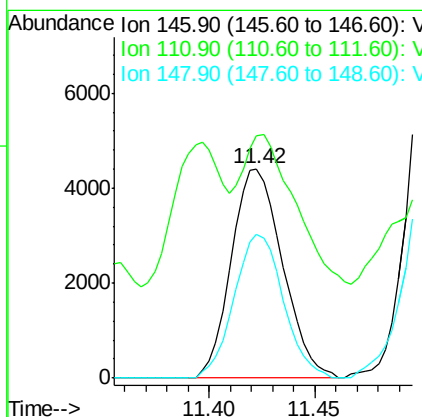
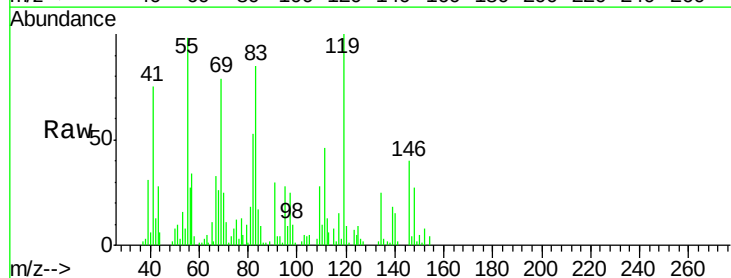
Instrument :
MSVOA_U
ClientSampleId :
WP021SB488-23-25-180622DL

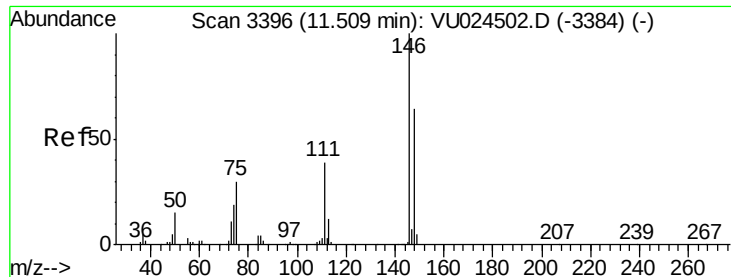
Tgt Ion	Ratio	Lower	Upper
119	100		
134	29.5	12.9	38.6
91	24.1	12.0	36.1



#87
1,3-Dichlorobenzene
Concen: 0.978 ug/l
RT: 11.42 min Scan# 3369
Delta R.T. 0.00 min
Lab File: VU025019.D
Acq: 28 Jun 2018 14:40

Tgt Ion	Ratio	Lower	Upper
146	100		
111	79.2	20.0	60.0#
148	66.1	32.1	96.5





#88

1,4-Dichlorobenzene

Concen: 2.780 ug/l

RT: 11.51 min Scan# 3397

Delta R.T. 0.00 min

Lab File: VU025019.D

Acq: 28 Jun 2018 14:40

Instrument :

MSVOA_U

ClientSampleId :

WP021SB488-23-25-180622DL

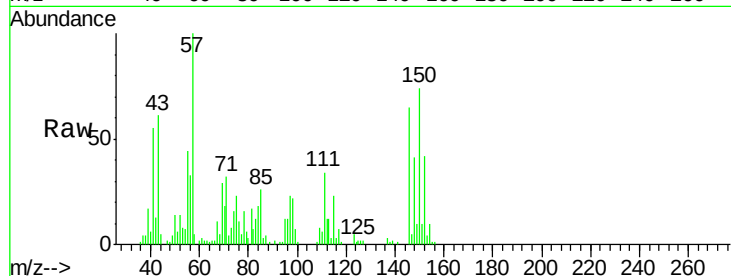
Tgt Ion:146 Resp: 21283

Ion Ratio Lower Upper

146 100

111 64.6 19.5 58.5#

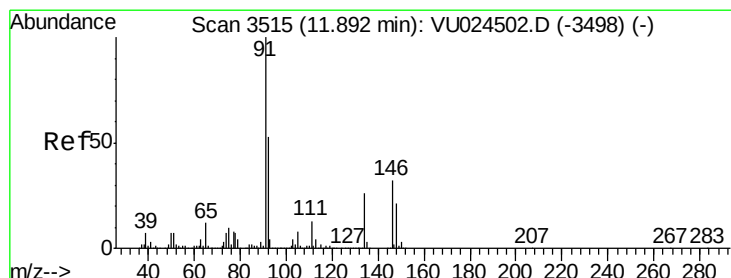
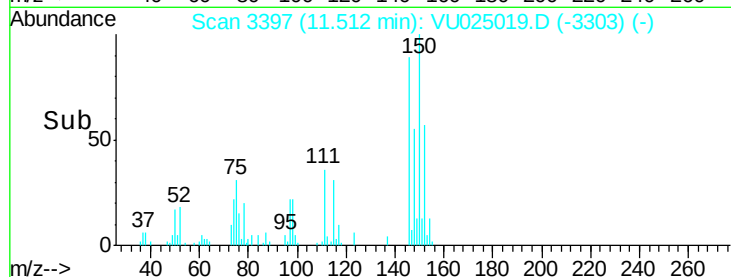
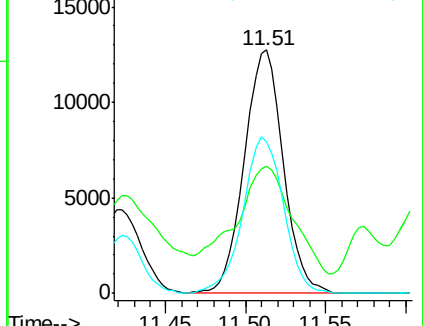
148 66.7 32.4 97.0



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



#89

n-Butylbenzene

Concen: 2.342 ug/l

RT: 11.89 min Scan# 3514

Delta R.T. -0.00 min

Lab File: VU025019.D

Acq: 28 Jun 2018 14:40

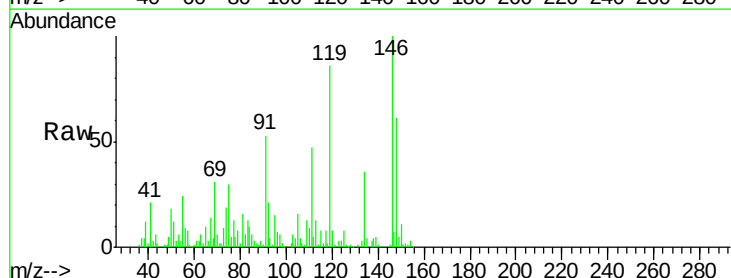
Tgt Ion: 91 Resp: 31602

Ion Ratio Lower Upper

91 100

92 36.2 25.6 76.8

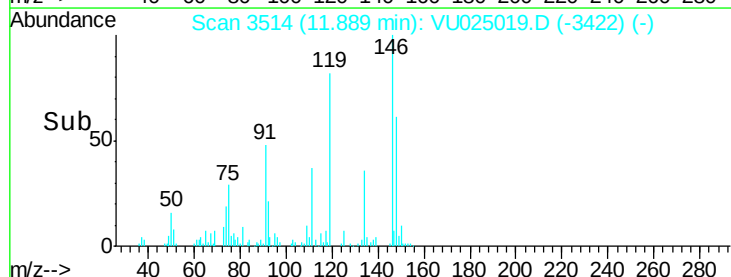
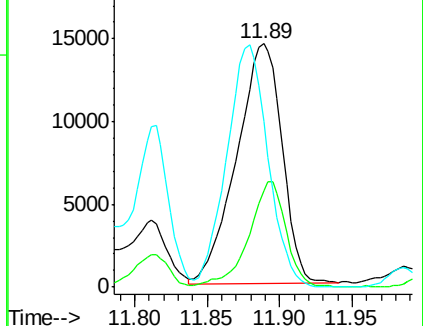
134 91.6 12.3 36.8#

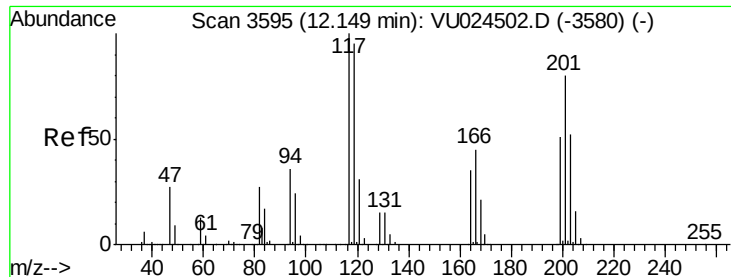


Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 92.00 (91.70 to 92.70): VU0

Ion 134.00 (133.70 to 134.70): V





#90

Hexachloroethane

Concen: 1.243 ug/l

RT: 12.15 min Scan# 3595

Delta R.T. 0.00 min

Lab File: VU025019.D

Acq: 28 Jun 2018 14:40

Instrument :

MSVOA_U

ClientSampleId :

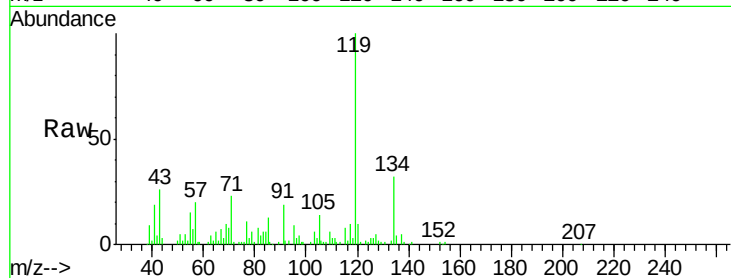
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Tgt Ion:117 Resp: 3684

Ion Ratio Lower Upper

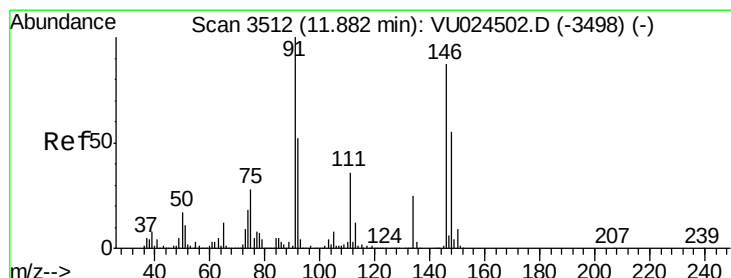
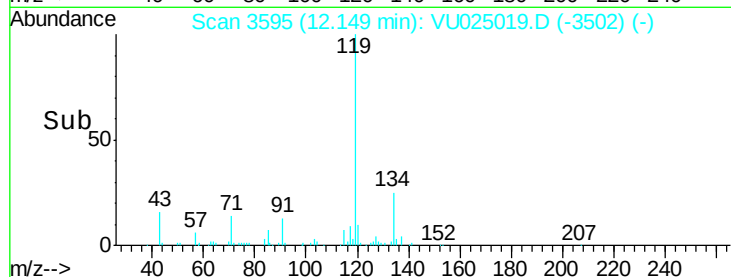
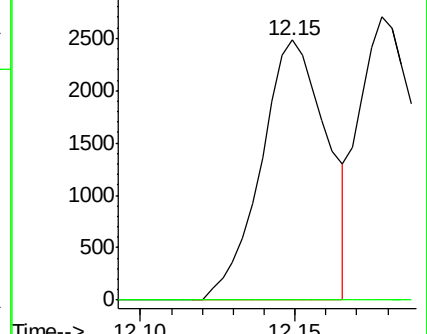
117 100

201 0.0 41.1 123.3#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#91

1,2-Dichlorobenzene

Concen: 6.553 ug/l

RT: 11.89 min Scan# 3513

Delta R.T. 0.00 min

Lab File: VU025019.D

Acq: 28 Jun 2018 14:40

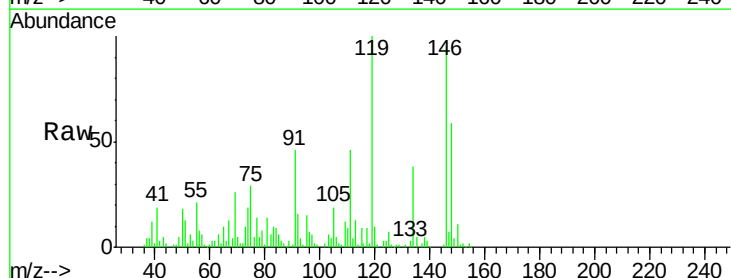
Tgt Ion:146 Resp: 49918

Ion Ratio Lower Upper

146 100

111 45.2 20.5 61.6

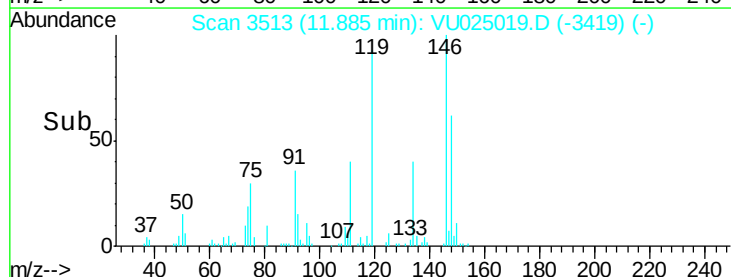
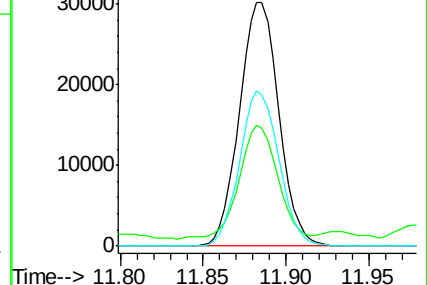
148 63.6 31.9 95.7

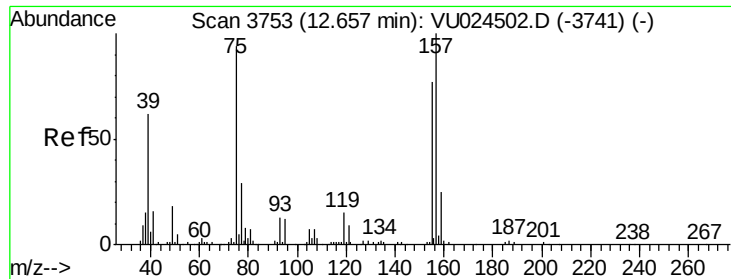


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#92

1,2-Dibromo-3-Chloropropane

Concen: 0.219 ug/l

RT: 12.65 min Scan# 3751

Delta R.T. -0.01 min

Lab File: VU025019.D

Acq: 28 Jun 2018 14:40

Instrument :

MSVOA_U

ClientSampleId :

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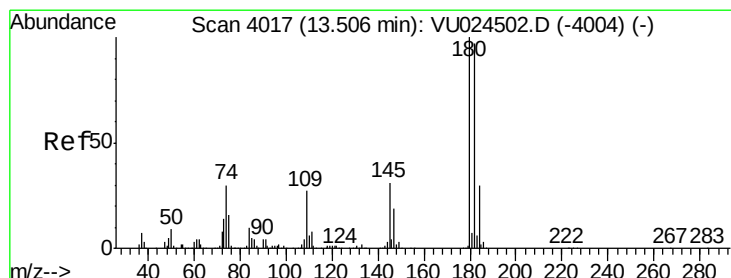
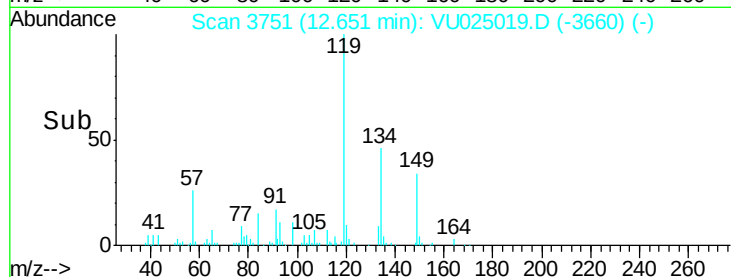
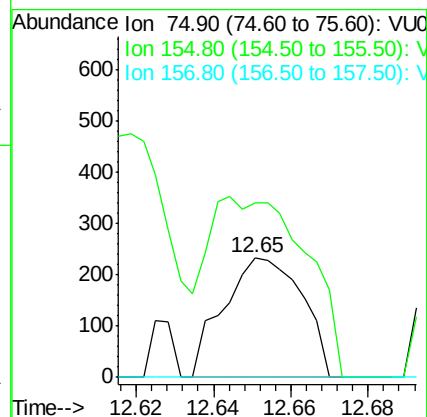
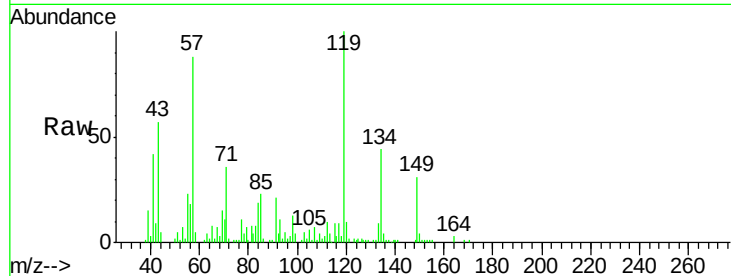
Tgt Ion: 75 Resp: 330

Ion Ratio Lower Upper

75 100

155 185.8 40.4 121.2#

157 0.0 52.3 156.8#



#93

1,2,4-Trichlorobenzene

Concen: 0.249 ug/l

RT: 13.51 min Scan# 4017

Delta R.T. 0.00 min

Lab File: VU025019.D

Acq: 28 Jun 2018 14:40

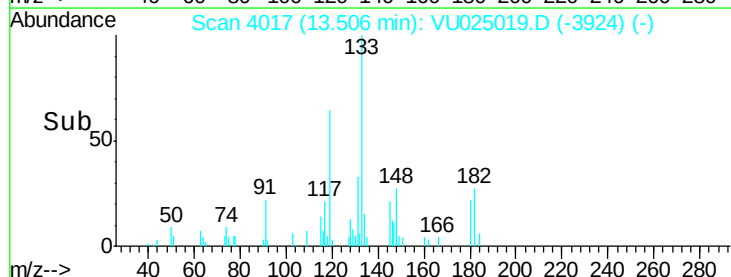
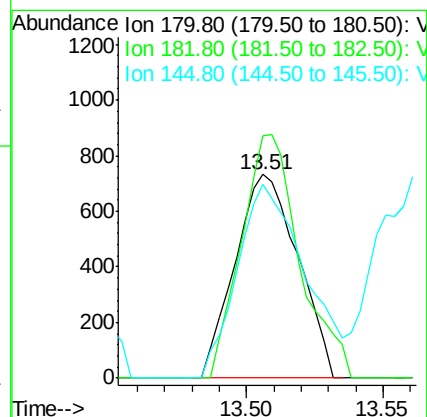
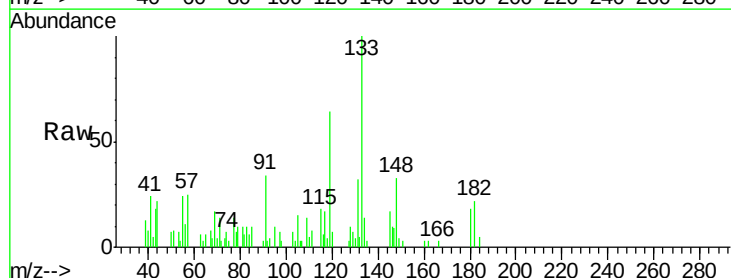
Tgt Ion: 180 Resp: 1169

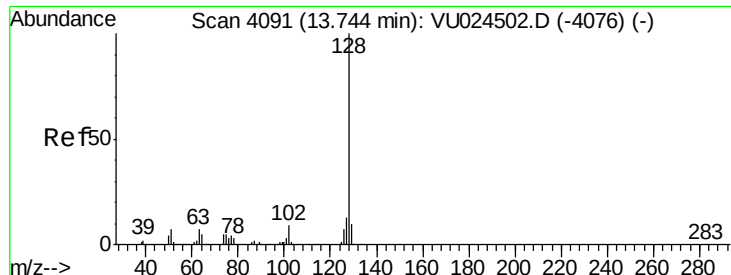
Ion Ratio Lower Upper

180 100

182 110.8 48.0 144.2

145 102.7 14.7 44.1#

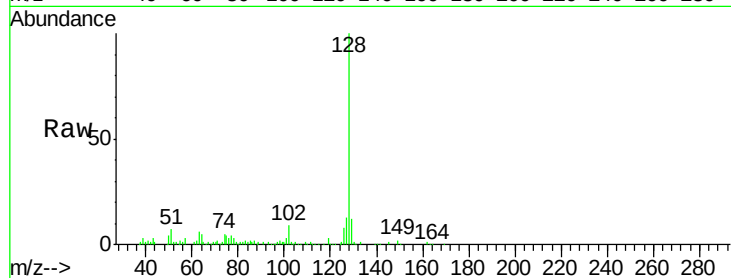




#95
Naphthalene
Concen: 7.844 ug/l
RT: 13.75 min Scan# 4092
Delta R.T. 0.00 min
Lab File: VU025019.D
Acq: 28 Jun 2018 14:40

Instrument :
MSVOA_U
ClientSampleId :
WP021SB488-23-25-180622DL

Tgt Ion:128 Resp: 113108
Ion Ratio Lower Upper
128 100
127 12.7 10.6 16.0
129 11.7 8.6 12.8



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V

