

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062018\
 Data File : VU024781.D
 Acq On : 21 Jun 2018 01:37
 Operator : MD/SY
 Sample : J3245-14
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 CL-02-061918-C

Quant Time: Jun 21 08:44:41 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	199349	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	312130	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	289763	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	160995	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	141989	43.63	ug/l	0.00
Spiked Amount			Recovery	=	87.26%	
35) Dibromofluoromethane	4.89	113	119652	46.19	ug/l	0.00
Spiked Amount			Recovery	=	92.38%	
50) Toluene-d8	7.57	98	448795	47.50	ug/l	0.00
Spiked Amount			Recovery	=	95.00%	
62) 4-Bromofluorobenzene	10.31	95	163795	43.66	ug/l	0.00
Spiked Amount			Recovery	=	87.32%	

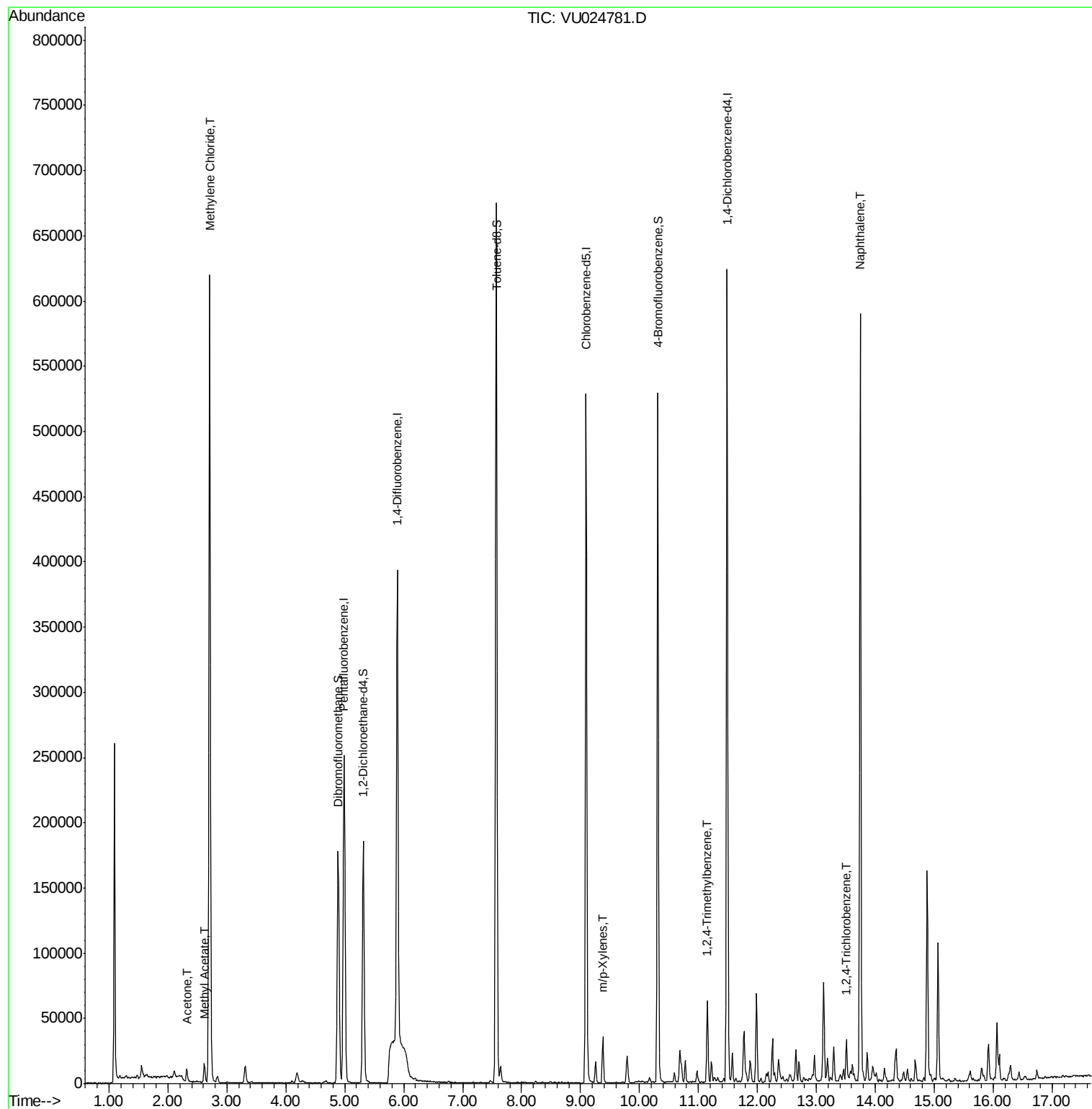
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.32	43	9309	5.32	ug/l	97
18) Methyl Acetate	2.62	43	17275	4.61	ug/l	95
20) Methylene Chloride	2.71	84	275145	100.28	ug/l	97
68) m/p-Xylenes	9.38	106	10350	2.08	ug/l	99
84) 1,2,4-Trimethylbenzene	11.15	105	34324	3.14	ug/l	95
93) 1,2,4-Trichlorobenzene	13.51	180	5459	1.53	ug/l	91
95) Naphthalene	13.74	128	455072	38.60	ug/l	99

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

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 4.99 min Scan# 1368

Delta R.T. -0.00 min

Lab File: VU024781.D

Acq: 21 Jun 2018 01:37

Instrument :

MSVOA_U

ClientSampleId :

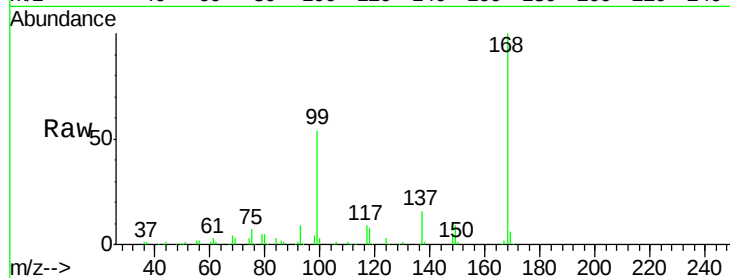
CL-02-061918-C

Tot Ion:168 Resp: 199349

Ion Ratio Lower Upper

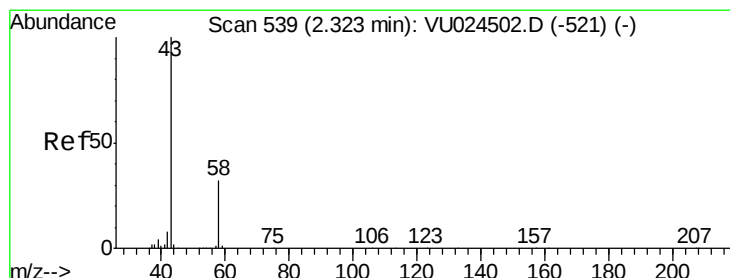
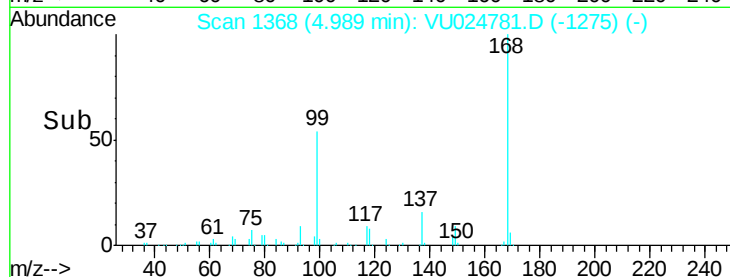
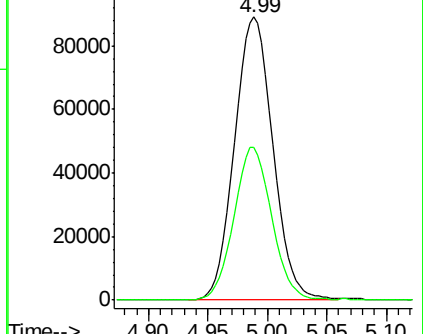
168 100

99 54.1 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) (-)



#16

Acetone

Concen: 5.32 ug/l

RT: 2.32 min Scan# 538

Delta R.T. -0.00 min

Lab File: VU024781.D

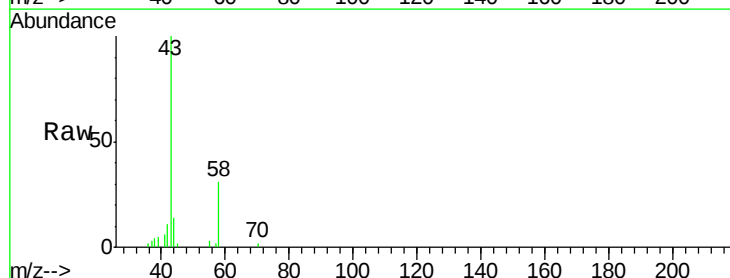
Acq: 21 Jun 2018 01:37

Tgt Ion: 43 Resp: 9309

Ion Ratio Lower Upper

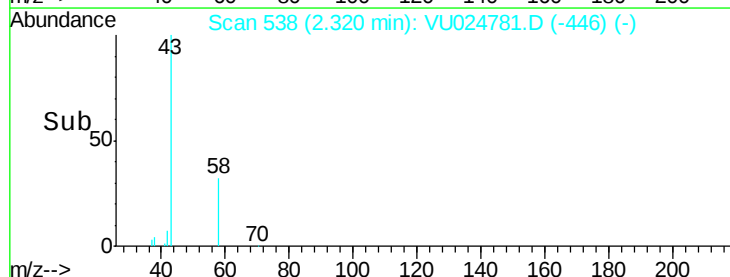
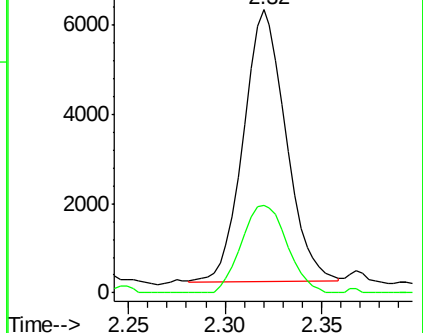
43 100

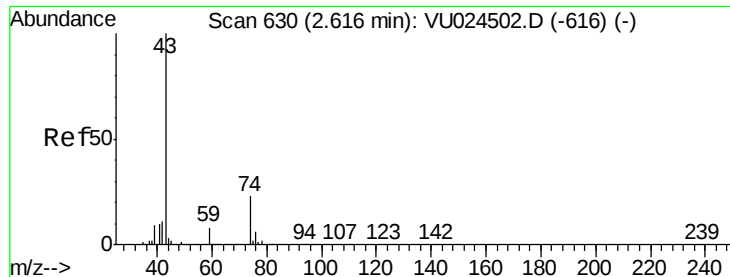
58 32.1 24.4 36.6



Abundance Ion 43.00 (42.70 to 43.70): VU024502.D (-521) (-)

Ion 58.00 (57.70 to 58.70): VU024502.D (-521) (-)

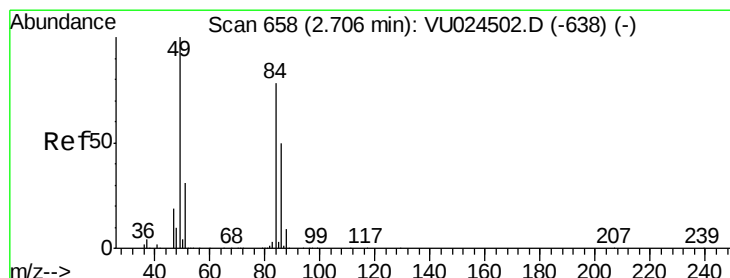
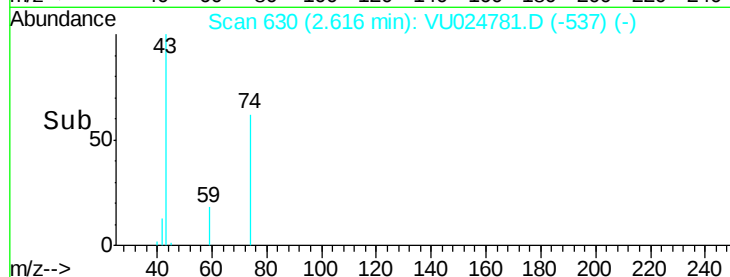
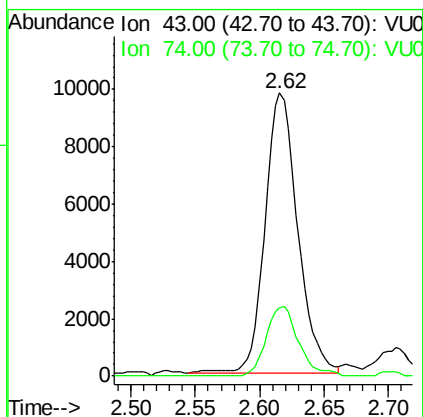
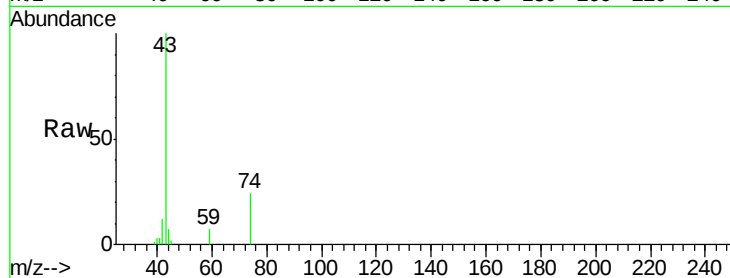




#18
Methvl Acetate
Concen: 4.61 ug/l
RT: 2.62 min Scan# 630
Delta R.T. -0.00 min
Lab File: VU024781.D
Acq: 21 Jun 2018 01:37

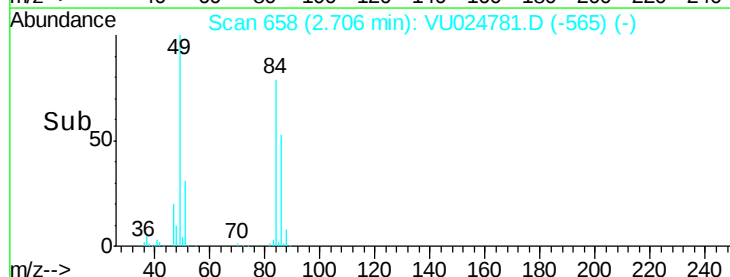
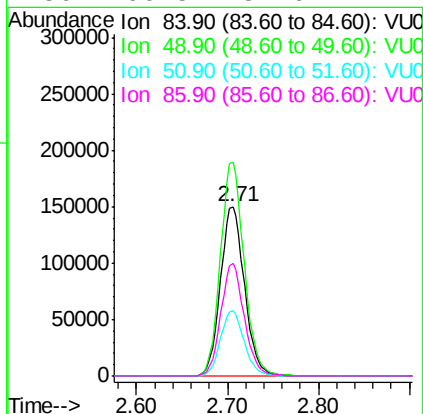
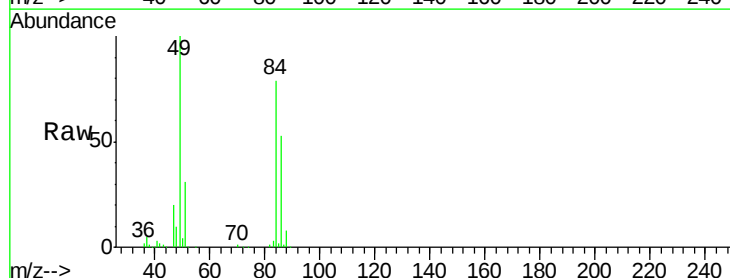
Instrument :
MSVOA_U
ClientSampleId :
CL-02-061918-C

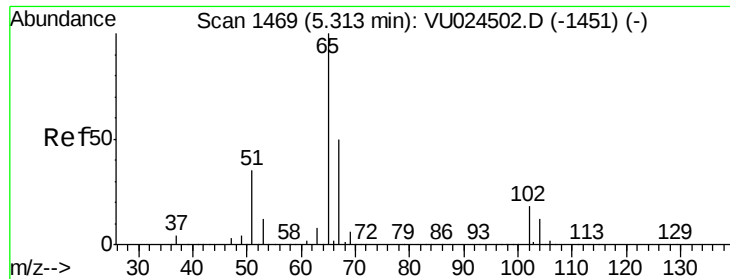
Tot Ion: 43 Resp: 17275
Ion Ratio Lower Upper
43 100
74 24.7 18.0 27.0



#20
Methylene Chloride
Concen: 100.28 ug/l
RT: 2.71 min Scan# 658
Delta R.T. -0.00 min
Lab File: VU024781.D
Acq: 21 Jun 2018 01:37

Tgt Ion: 84 Resp: 275145
Ion Ratio Lower Upper
84 100
49 126.0 103.8 155.8
51 38.6 32.0 48.0
86 66.5 51.6 77.4

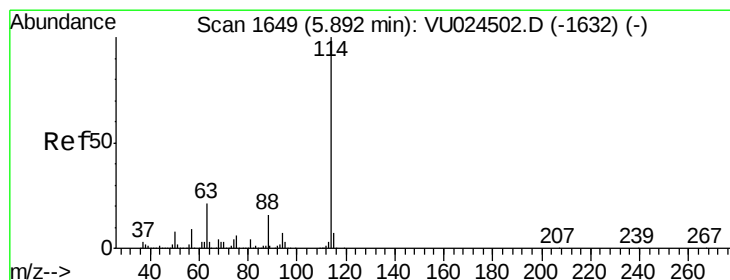
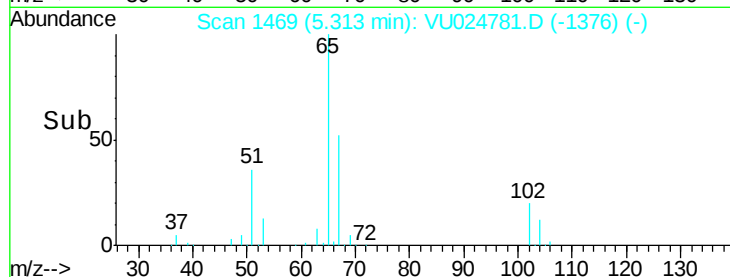
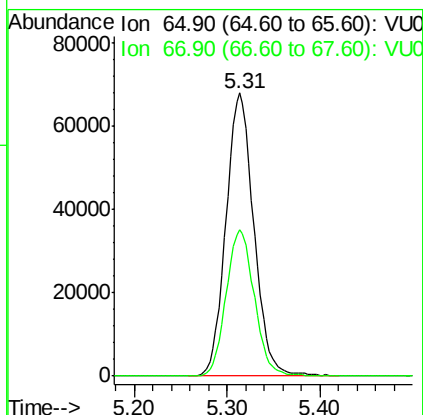
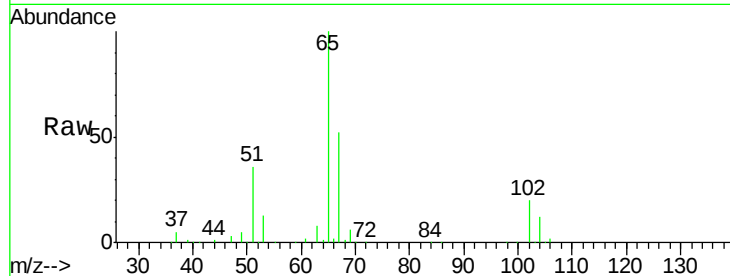




#33
 1,2-Dichloroethane-d4
 Concen: 43.63 ug/l
 RT: 5.31 min Scan# 1469
 Delta R.T. -0.00 min
 Lab File: VU024781.D
 Acq: 21 Jun 2018 01:37

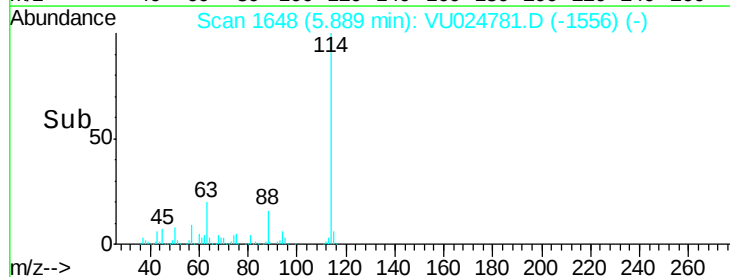
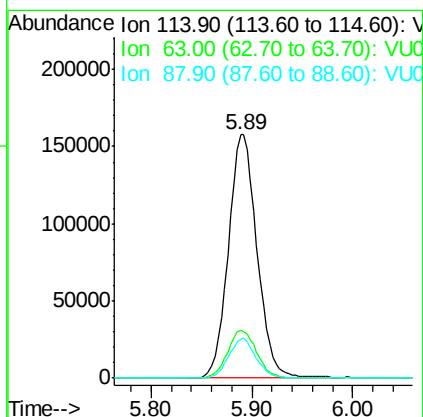
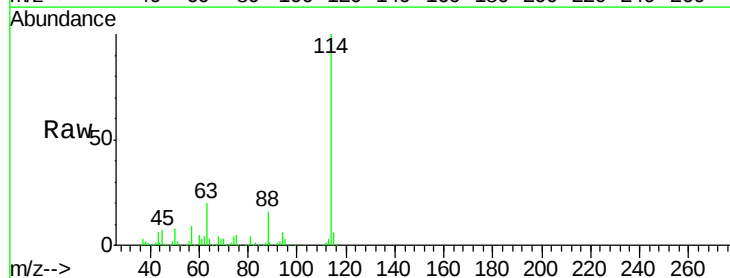
Instrument :
 MSVOA_U
 ClientSampleId :
 CL-02-061918-C

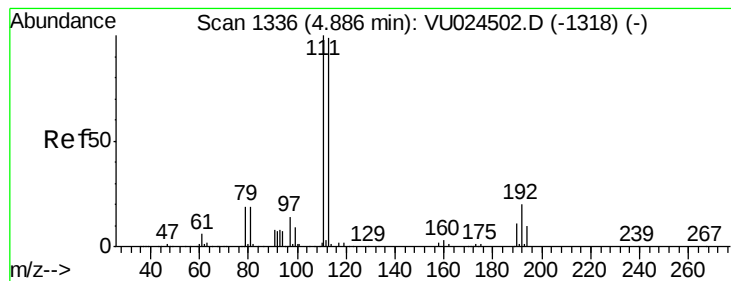
Tot Ion: 65 Resp: 141989
 Ion Ratio Lower Upper
 65 100
 67 52.5 0.0 107.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 5.89 min Scan# 1648
 Delta R.T. -0.00 min
 Lab File: VU024781.D
 Acq: 21 Jun 2018 01:37

Tgt Ion: 114 Resp: 312130
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 45.4
 88 16.0 0.0 31.0





#35

Dibromofluoromethane

Concen: 46.19 ug/l

RT: 4.89 min Scan# 1337

Delta R.T. 0.00 min

Lab File: VU024781.D

Acq: 21 Jun 2018 01:37

Instrument :

MSVOA_U

ClientSampleId :

CL-02-061918-C

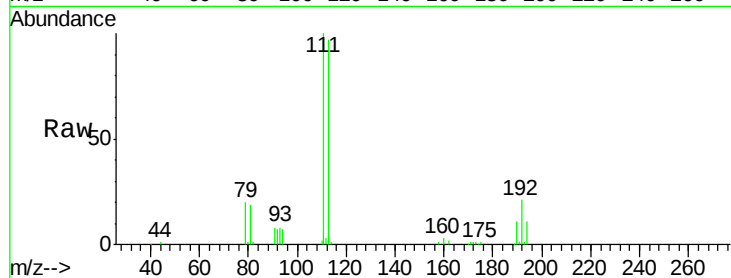
Tot Ion:113 Resp: 119652

Ion Ratio Lower Upper

113 100

111 103.9 82.2 123.4

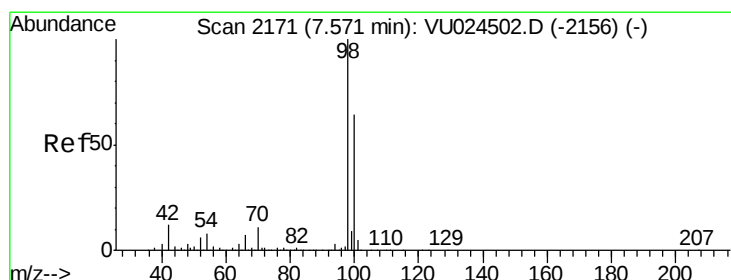
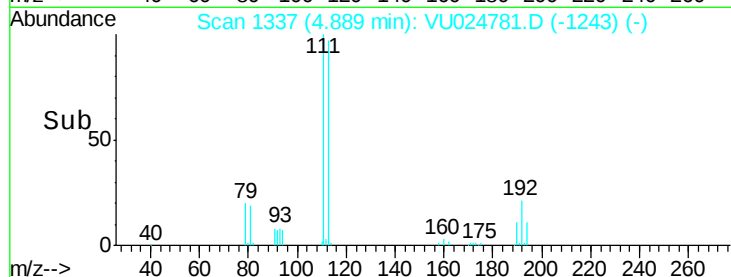
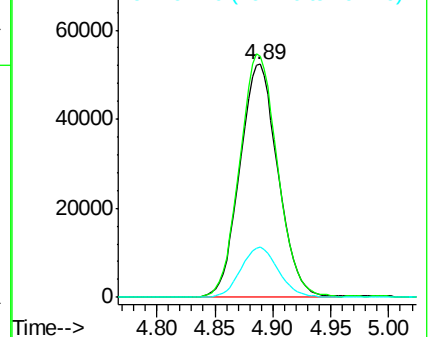
192 21.1 16.2 24.4



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



#50

Toluene-d8

Concen: 47.50 ug/l

RT: 7.57 min Scan# 2171

Delta R.T. -0.00 min

Lab File: VU024781.D

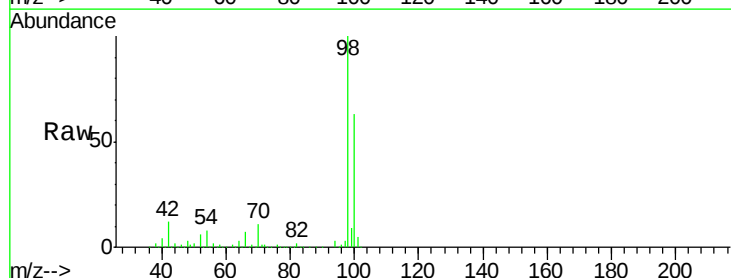
Acq: 21 Jun 2018 01:37

Tgt Ion: 98 Resp: 448795

Ion Ratio Lower Upper

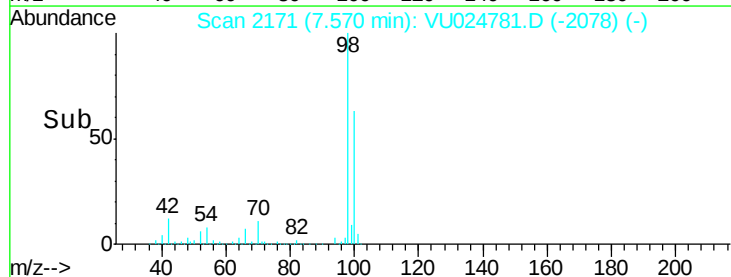
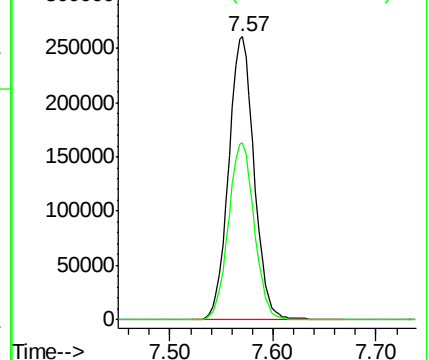
98 100

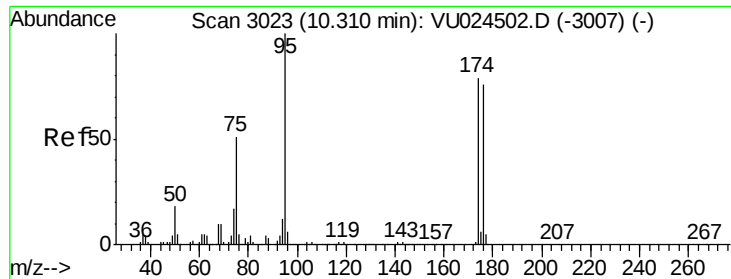
100 63.5 51.1 76.7



Abundance Ion 98.00 (97.70 to 98.70): VU0

Ion 100.00 (99.70 to 100.70): VU

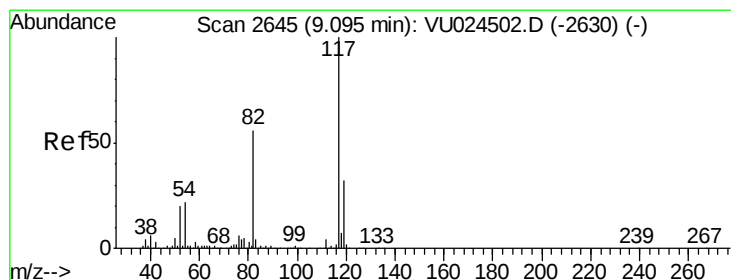
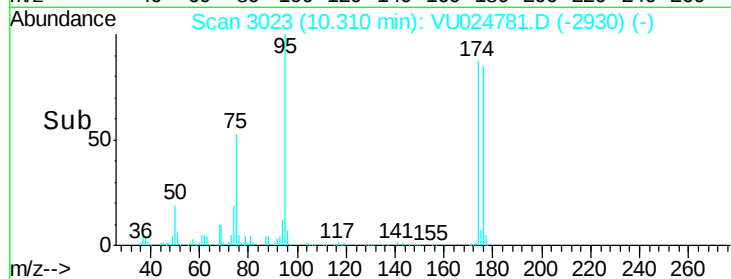
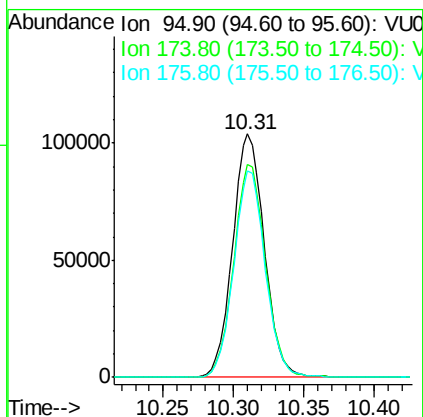
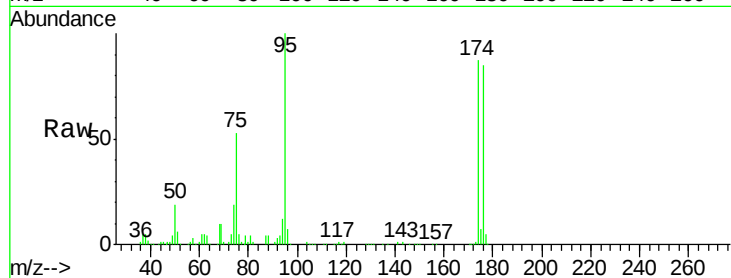




#62
4-Bromofluorobenzene
Concen: 43.66 ug/l
RT: 10.31 min Scan# 3023
Delta R.T. -0.00 min
Lab File: VU024781.D
Acq: 21 Jun 2018 01:37

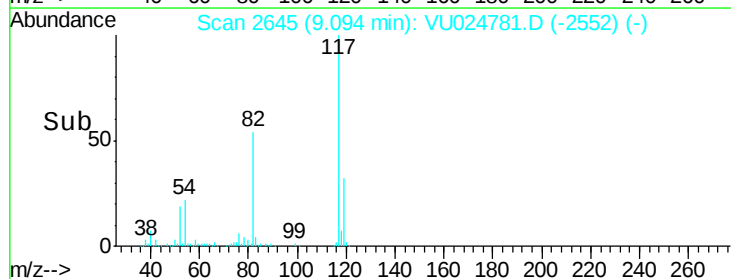
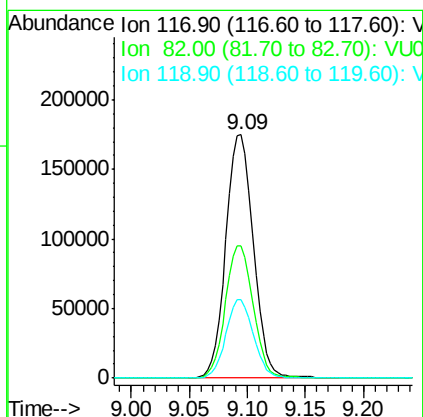
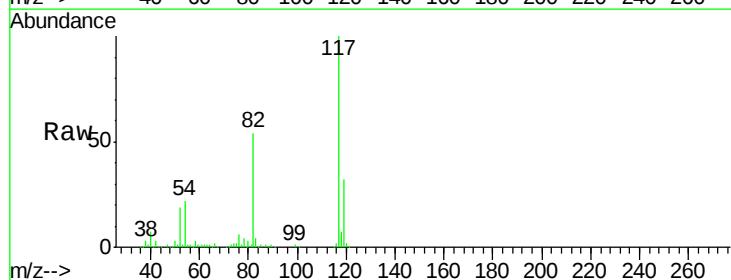
Instrument :
MSVOA_U
ClientSampleId :
CL-02-061918-C

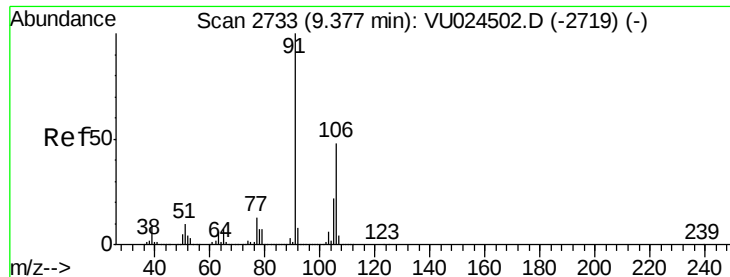
Tot Ion	95	Resp	163795
Ion Ratio	Lower	Upper	
95	100		
174	87.9	0.0	165.8
176	84.5	0.0	159.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.09 min Scan# 2645
Delta R.T. -0.00 min
Lab File: VU024781.D
Acq: 21 Jun 2018 01:37

Tgt Ion	117	Resp	289763
Ion Ratio	Lower	Upper	
117	100		
82	54.1	44.3	66.5
119	32.1	25.4	38.2





#68

m/p-Xvlenes

Concen: 2.08 ug/l

RT: 9.38 min Scan# 2733

Delta R.T. -0.00 min

Lab File: VU024781.D

Acq: 21 Jun 2018 01:37

Instrument :

MSVOA_U

ClientSampleId :

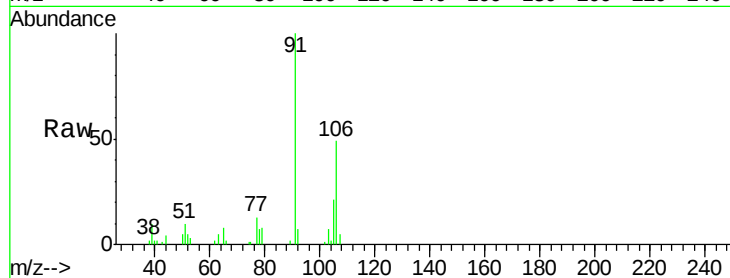
CL-02-061918-C

Tot Ion:106 Resp: 10350

Ion Ratio Lower Upper

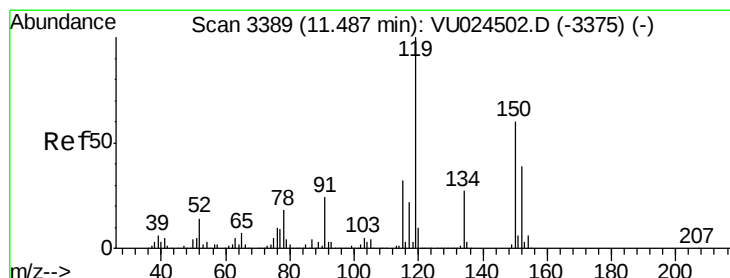
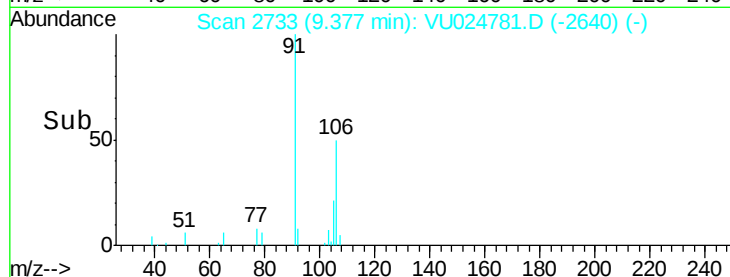
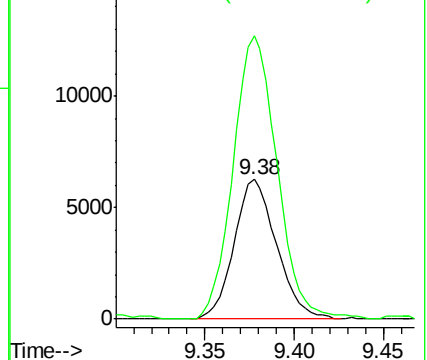
106 100

91 209.9 166.5 249.7



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VU0



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 11.49 min Scan# 3389

Delta R.T. -0.00 min

Lab File: VU024781.D

Acq: 21 Jun 2018 01:37

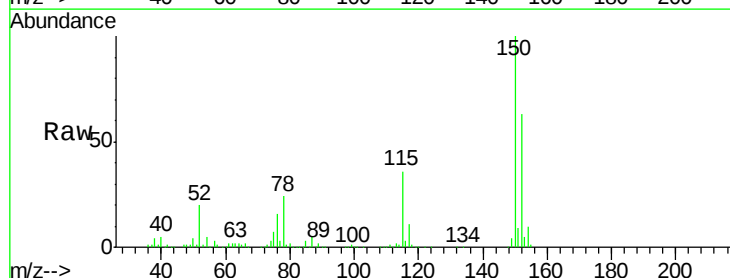
Tgt Ion:152 Resp: 160995

Ion Ratio Lower Upper

152 100

115 56.9 43.0 129.0

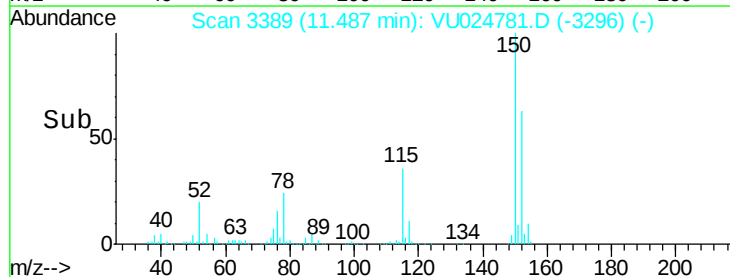
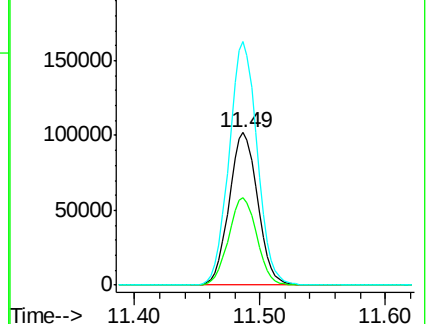
150 157.2 0.0 354.0

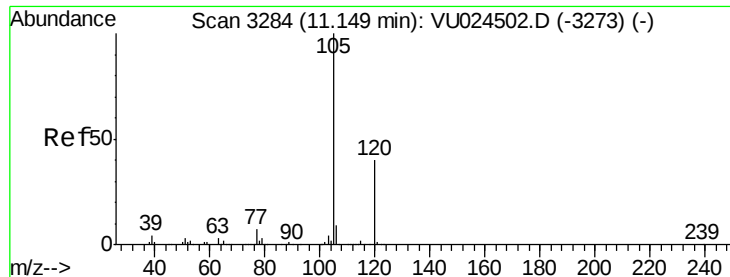


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#84

1,2,4-Trimethylbenzene

Concen: 3.14 ug/l

RT: 11.15 min Scan# 3285

Delta R.T. 0.00 min

Lab File: VU024781.D

Acq: 21 Jun 2018 01:37

Instrument :

MSVOA_U

ClientSampleId :

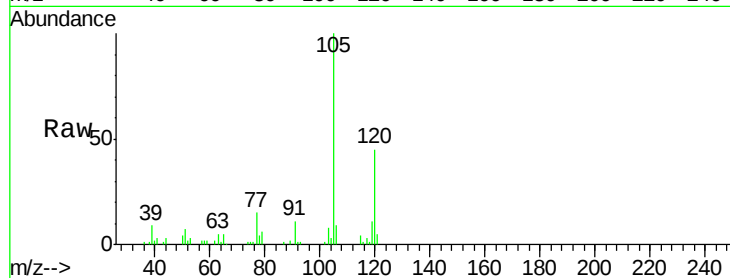
CL-02-061918-C

Tot Ion:105 Resp: 34324

Ion Ratio Lower Upper

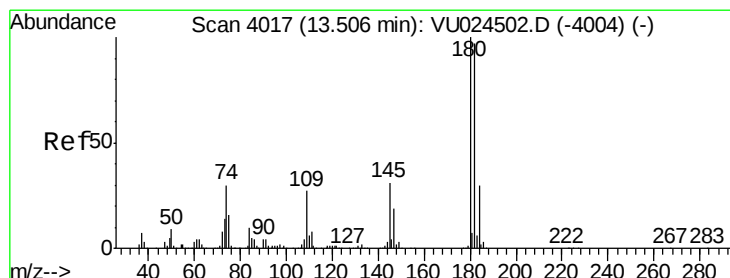
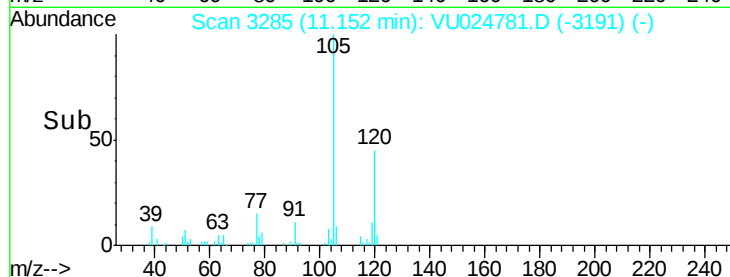
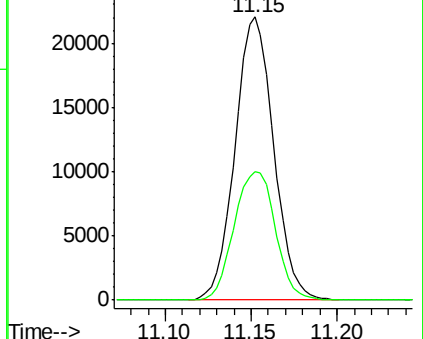
105 100

120 48.3 22.6 67.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#93

1,2,4-Trichlorobenzene

Concen: 1.53 ug/l

RT: 13.51 min Scan# 4018

Delta R.T. 0.00 min

Lab File: VU024781.D

Acq: 21 Jun 2018 01:37

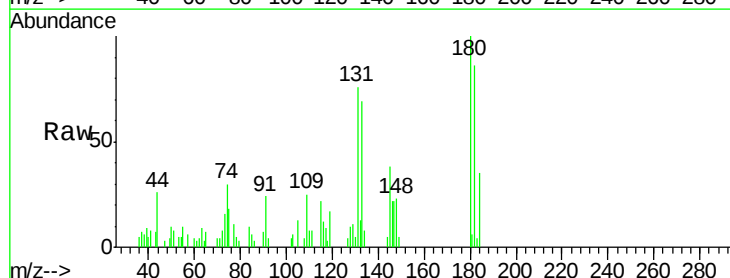
Tgt Ion:180 Resp: 5459

Ion Ratio Lower Upper

180 100

182 90.2 48.0 144.2

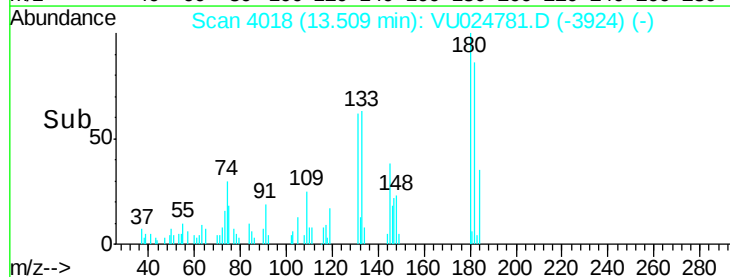
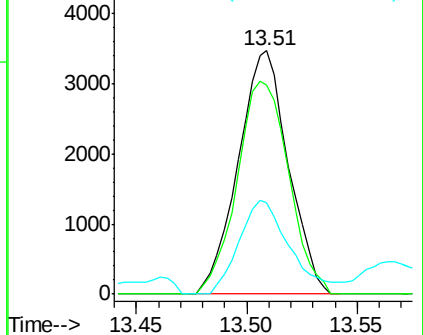
145 40.0 14.7 44.1

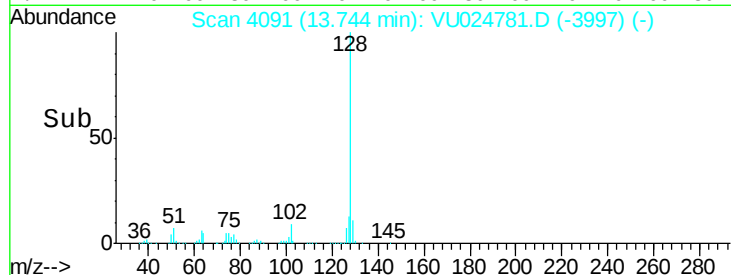
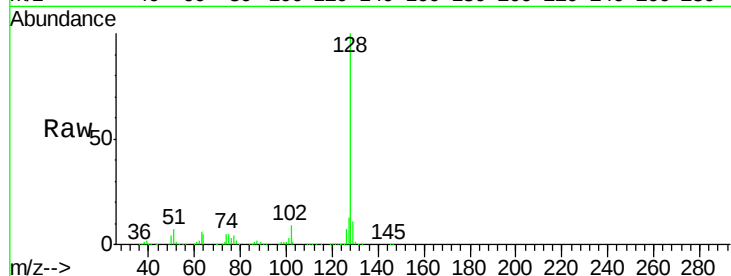
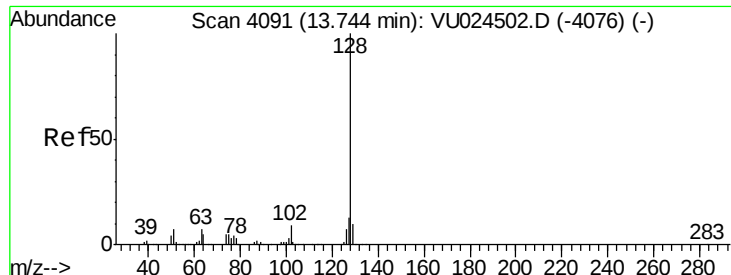


Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V





#95

Naphthalene

Concen: 38.60 ug/l

RT: 13.74 min Scan# 4091

Delta R.T. 0.00 min

Lab File: VU024781.D

Acq: 21 Jun 2018 01:37

Instrument :

MSVOA_U

ClientSampleId :

CL-02-061918-C

Tot Ion:128 Resp: 455072

Ion Ratio Lower Upper

128 100

127 12.7 10.6 16.0

129 10.8 8.6 12.8

