

Data File : VU025048.D
Acq On : 29 Jun 2018 03:11
Operator : MD/SY
Sample : J3671-19ME
Misc : 7.03g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 44 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
WP021SB481-19-21-180621ME

Quant Time: Jul 05 03:29:58 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U061318W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 13 13:55:26 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	231760	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	349487	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.10	117	339943	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	197163	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.31	65	173604	45.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.76%	
35) Dibromofluoromethane	4.89	113	133317	45.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.92%	
50) Toluene-d8	7.57	98	512155	48.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.82%	
62) 4-Bromofluorobenzene	10.32	95	209990	49.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.98%	

Target Compounds

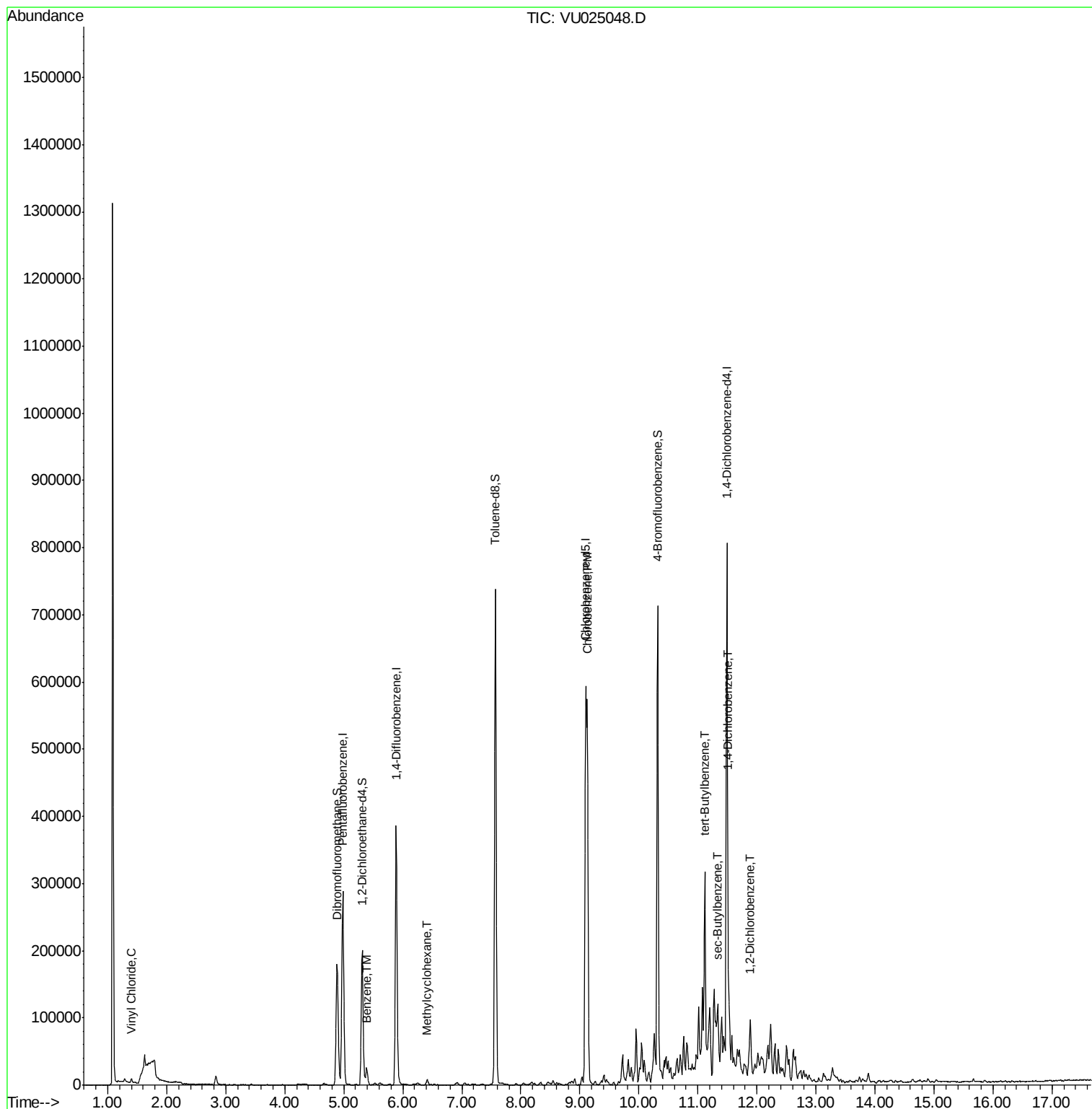
						Qvalue
4) Vinyl Chloride	1.40	62	4350	1.423	ug/l	97
39) Methylcyclohexane	6.41	83	2580	0.503	ug/l	89
40) Benzene	5.39	78	24979	2.135	ug/l	97
65) Chlorobenzene	9.13	112	306618	35.307	ug/l	98
83) tert-Butylbenzene	11.10	119	8494	0.673	ug/l	94
85) sec-Butylbenzene	11.33	105	20599	1.304	ug/l	99
88) 1,4-Dichlorobenzene	11.51	146	16627	2.333	ug/l	87
91) 1,2-Dichlorobenzene	11.89	146	24693	3.482	ug/l	96

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.98 min Scan# 1366

Delta R.T. -0.01 min

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MSVOA_U

ClientSampleId :

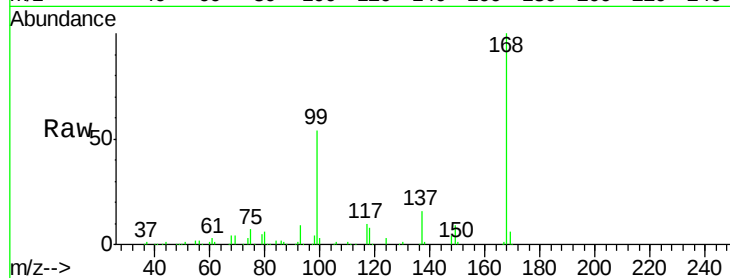
WP021SB481-19-21-180621ME

Tgt Ion:168 Resp: 231760

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) (-)

4.98

100000

80000

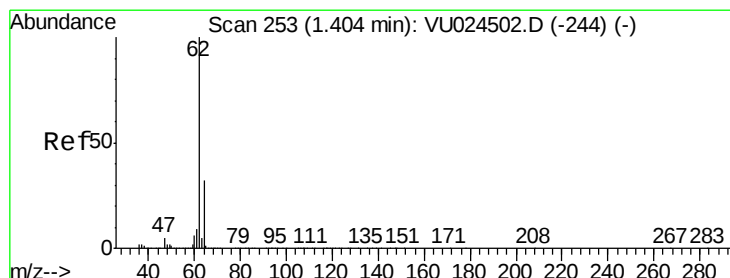
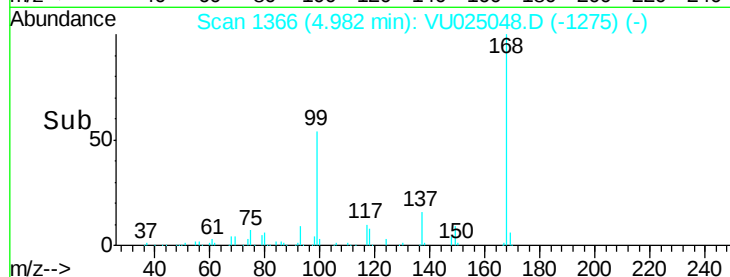
60000

40000

20000

0

Time-->



#4

Vinyl Chloride

Concen: 1.423 ug/l

RT: 1.40 min Scan# 252

Delta R.T. -0.00 min

Lab File: VU025048.D

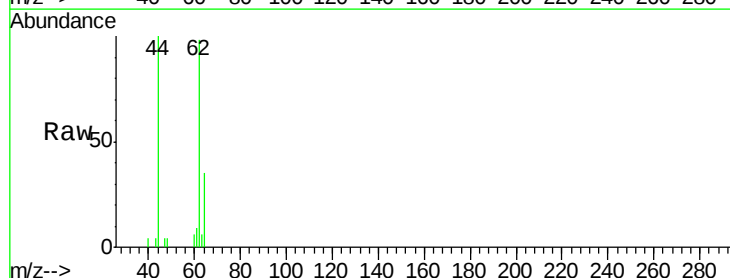
Acq: 29 Jun 2018 03:11

Tgt Ion: 62 Resp: 4350

Ion Ratio Lower Upper

62 100

64 32.9 24.8 37.2



Abundance Ion 61.90 (61.60 to 62.60): VU024502.D (-244) (-)

Ion 63.90 (63.60 to 64.60): VU024502.D (-244) (-)

1.40

4000

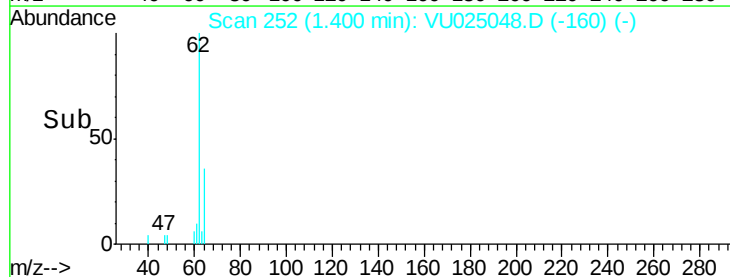
3000

2000

1000

0

Time-->

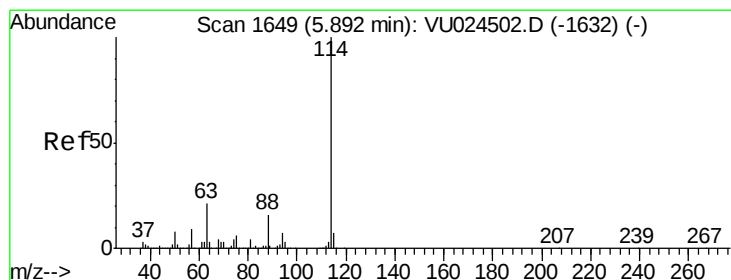
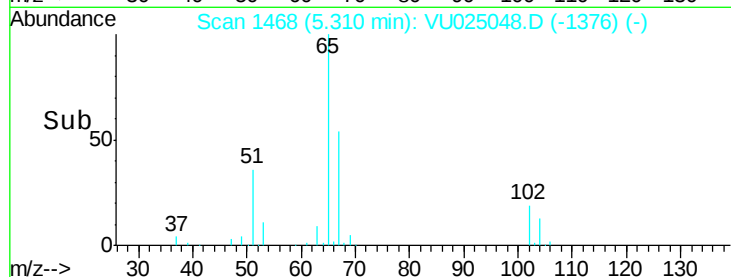
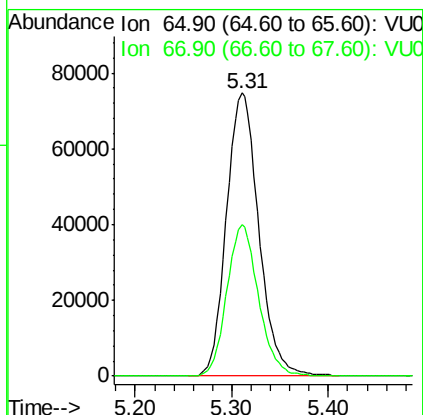
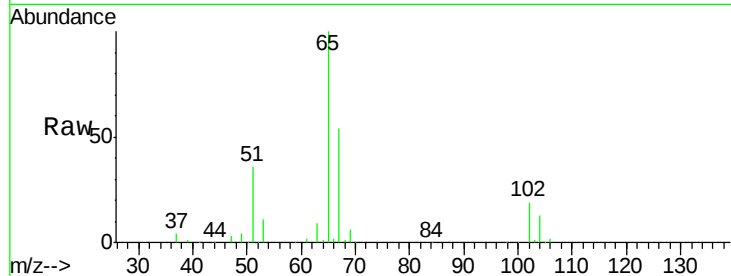




#33
 1,2-Dichloroethane-d4
 Concen: 45.884 ug/l
 RT: 5.31 min Scan# 1468
 Delta R.T. -0.00 min
 Lab File: VU025048.D
 Acq: 29 Jun 2018 03:11

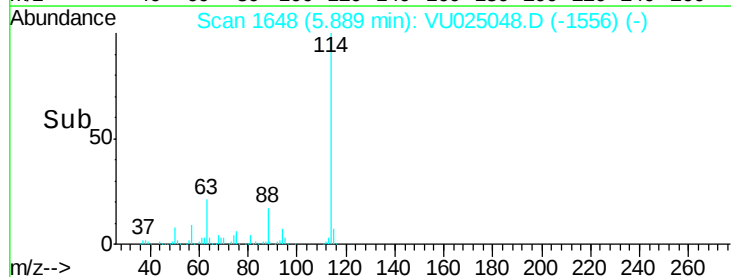
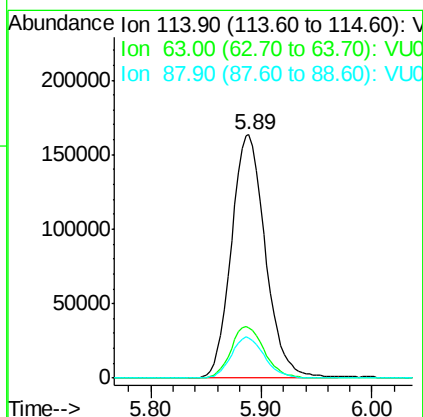
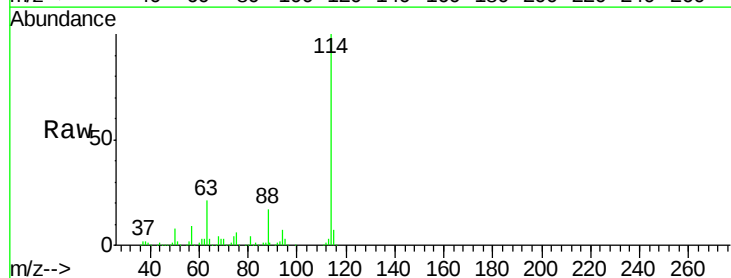
Instrument :
 MSVOA_U
 ClientSampleId :
 WP021SB481-19-21-180621ME

Tgt Ion: 65 Resp: 173604
 Ion Ratio Lower Upper
 65 100
 67 52.3 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: VU025048.D
 Acq: 29 Jun 2018 03:11

Tgt Ion: 114 Resp: 349487
 Ion Ratio Lower Upper
 114 100
 63 20.8 0.0 45.4
 88 16.6 0.0 31.0

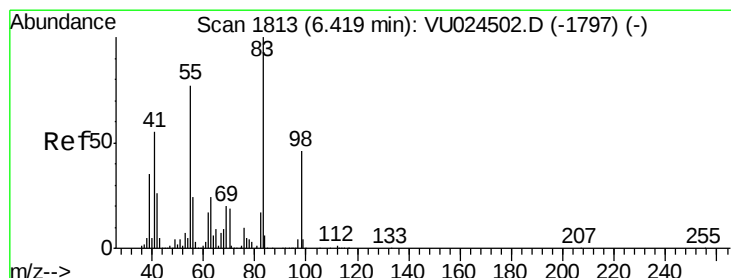
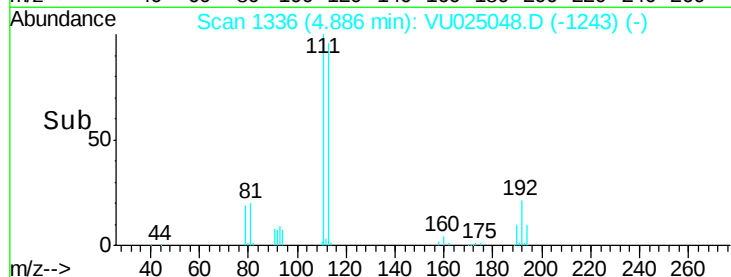
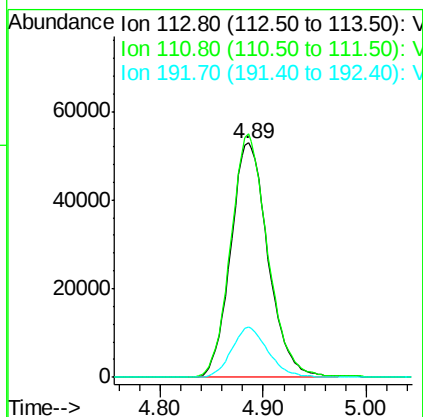
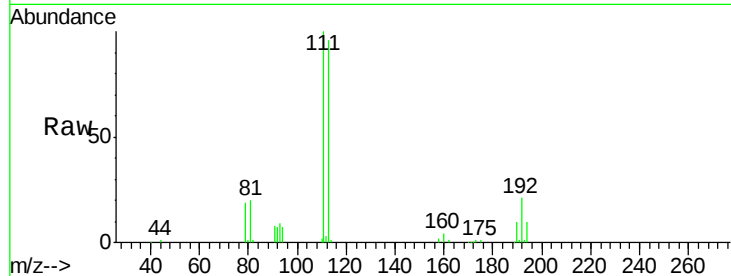




#35
Dibromofluoromethane
Concen: 45.964 ug/l
RT: 4.89 min Scan# 1336
Delta R.T. 0.00 min
Lab File: VU025048.D
Acq: 29 Jun 2018 03:11

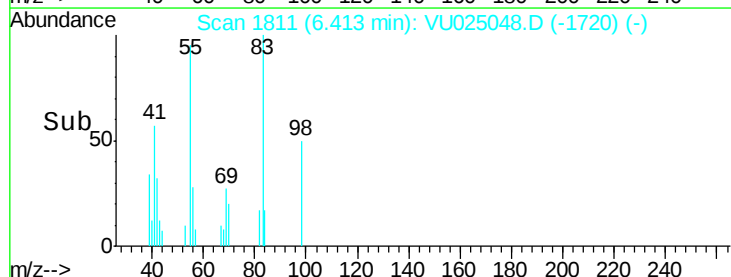
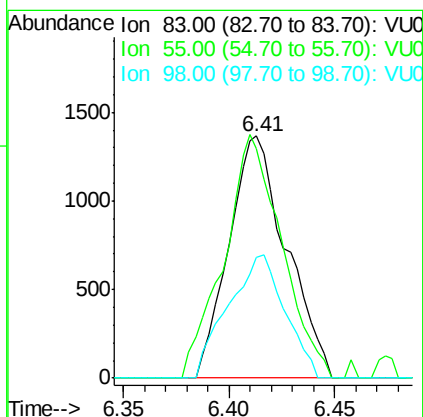
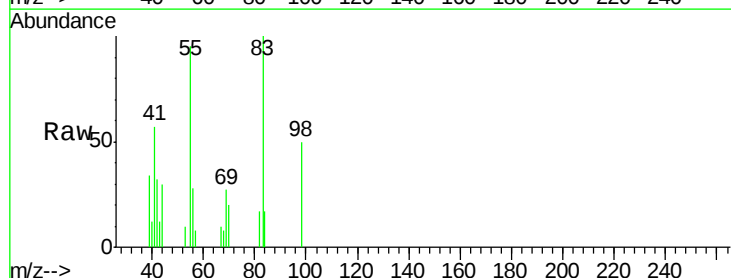
Instrument :
MSVOA_U
ClientSampleId :
WP021SB481-19-21-180621ME

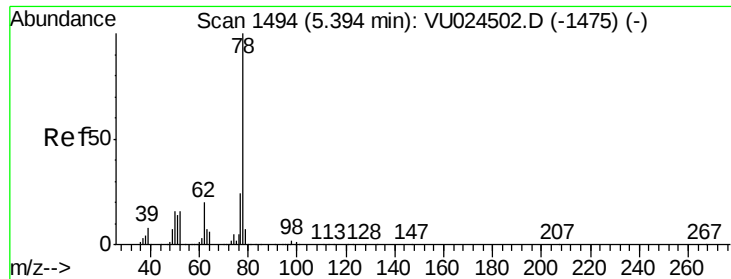
Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.7	82.2	123.4
192	20.7	16.2	24.4



#39
Methylcyclohexane
Concen: 0.503 ug/l
RT: 6.41 min Scan# 1811
Delta R.T. -0.01 min
Lab File: VU025048.D
Acq: 29 Jun 2018 03:11

Tgt Ion	Ratio	Lower	Upper
83	100		
55	94.9	65.8	98.6
98	49.9	36.7	55.1





#40

Benzene

Concen: 2.135 ug/l

RT: 5.39 min Scan# 1492

Delta R.T. -0.01 min

Lab File: VU025048.D

Acq: 29 Jun 2018 03:11

Instrument :

MSVOA_U

ClientSampleId :

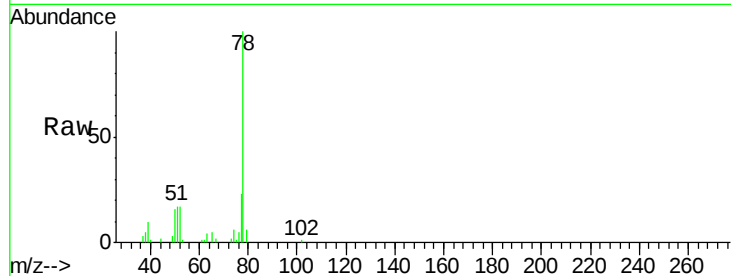
WP021SB481-19-21-180621ME

Tgt Ion: 78 Resp: 24979

Ion Ratio Lower Upper

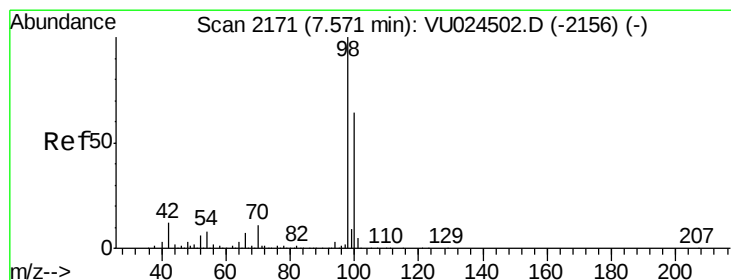
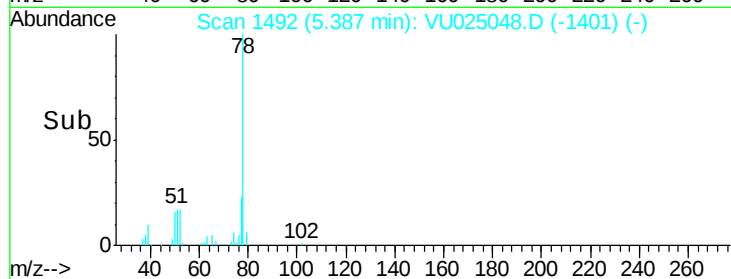
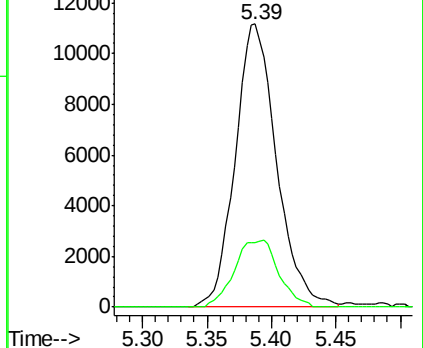
78 100

77 22.7 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: 48.409 ug/l

RT: 7.57 min Scan# 2170

Delta R.T. -0.00 min

Lab File: VU025048.D

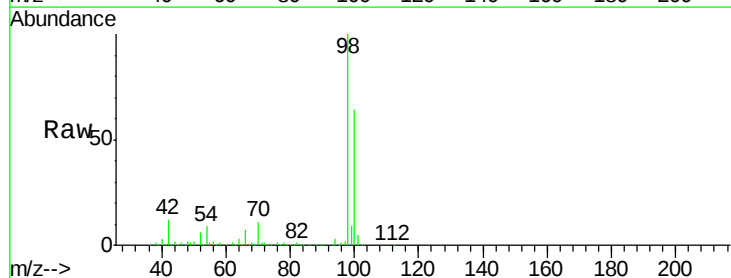
Acq: 29 Jun 2018 03:11

Tgt Ion: 98 Resp: 512155

Ion Ratio Lower Upper

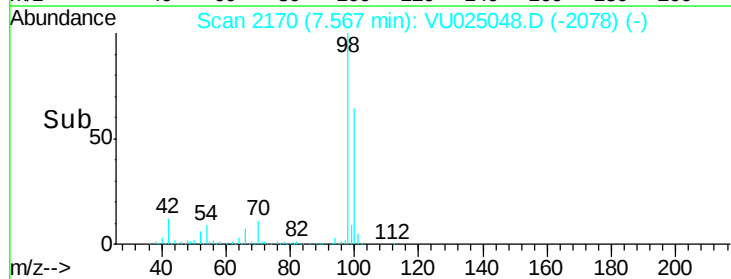
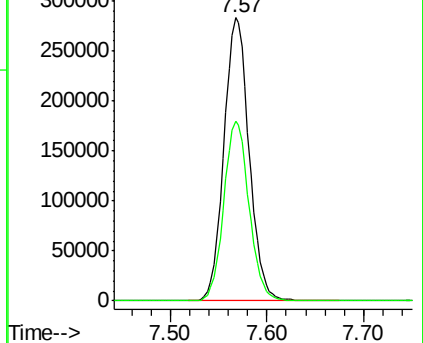
98 100

100 63.6 51.1 76.7



Abundance Ion 98.00 (97.70 to 98.70): VU0

Ion 100.00 (99.70 to 100.70): VU0

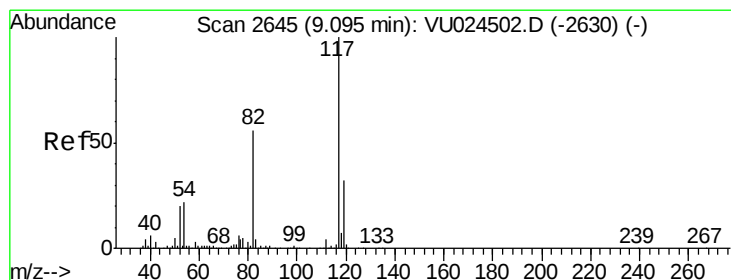
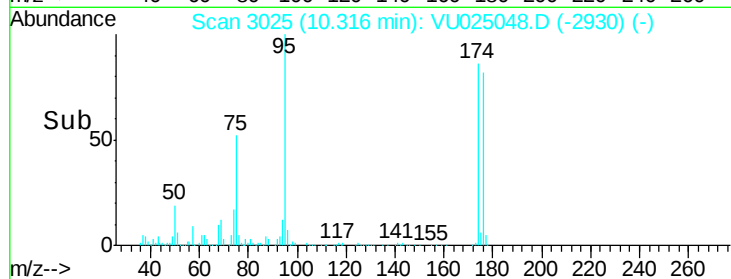
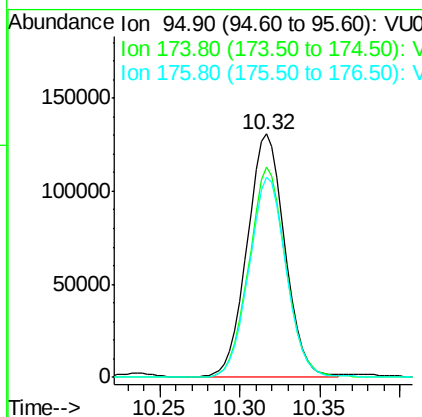
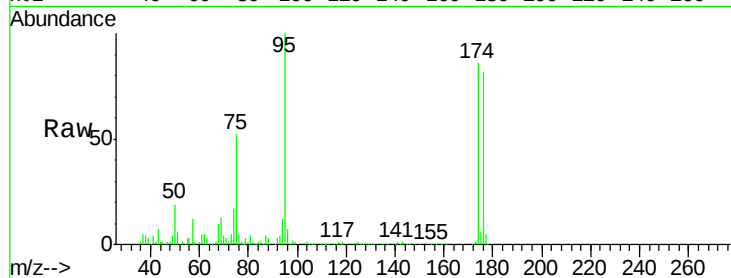




#62
4-Bromofluorobenzene
Concen: 49.991 ug/l
RT: 10.32 min Scan# 3025
Delta R.T. 0.01 min
Lab File: VU025048.D
Acq: 29 Jun 2018 03:11

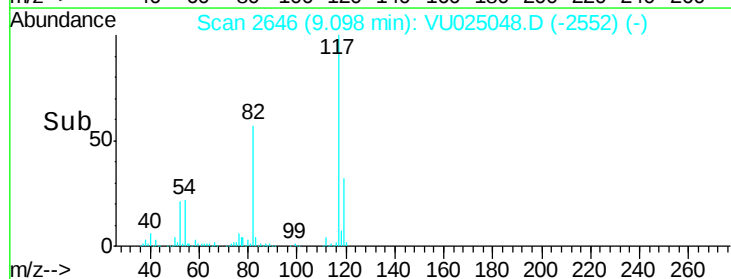
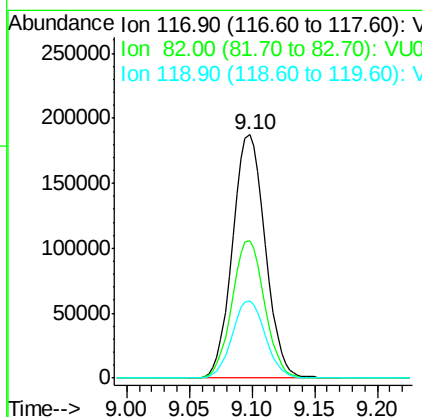
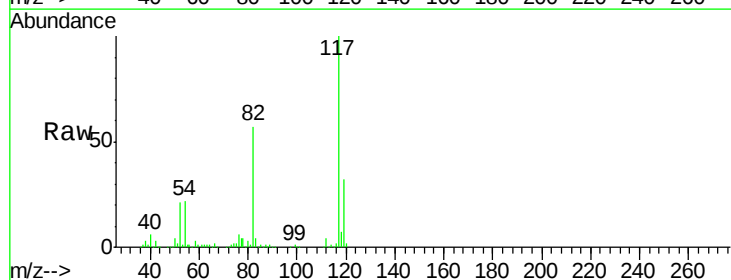
Instrument :
MSVOA_U
ClientSampleId :
WP021SB481-19-21-180621ME

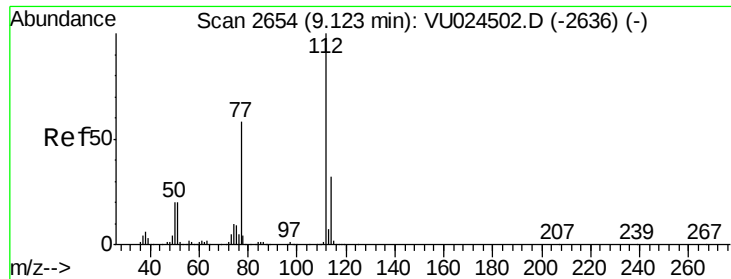
Tgt Ion	Ratio	Lower	Upper
95	100		
174	85.5	0.0	165.8
176	82.3	0.0	159.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.10 min Scan# 2646
Delta R.T. 0.00 min
Lab File: VU025048.D
Acq: 29 Jun 2018 03:11

Tgt Ion	Ratio	Lower	Upper
117	100		
82	56.6	44.3	66.5
119	31.9	25.4	38.2

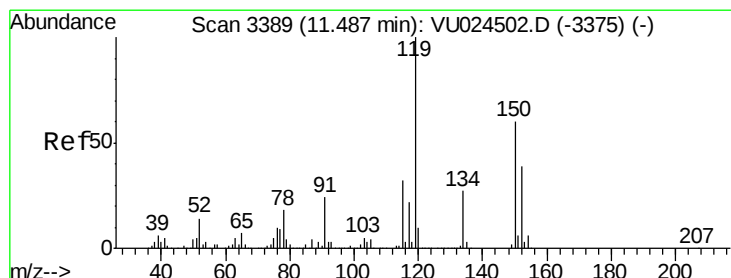
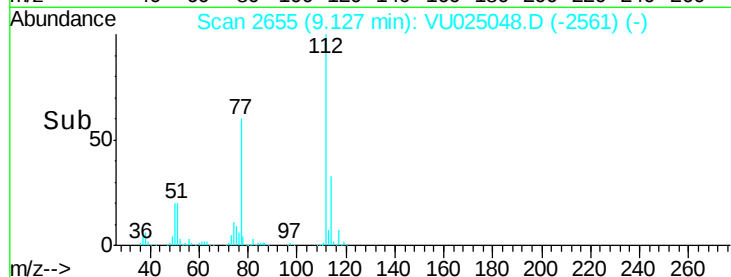
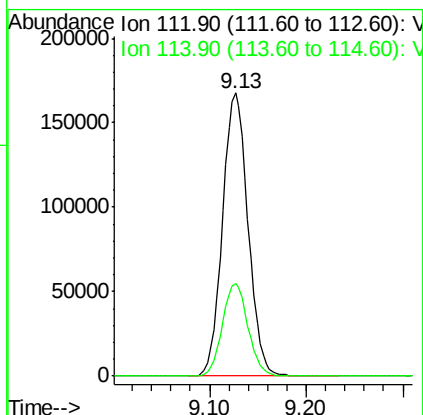
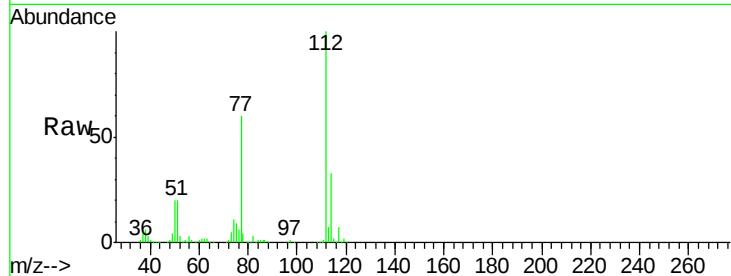




#65
Chlorobenzene
Concen: 35.307 ug/l
RT: 9.13 min Scan# 2655
Delta R.T. 0.00 min
Lab File: VU025048.D
Acq: 29 Jun 2018 03:11

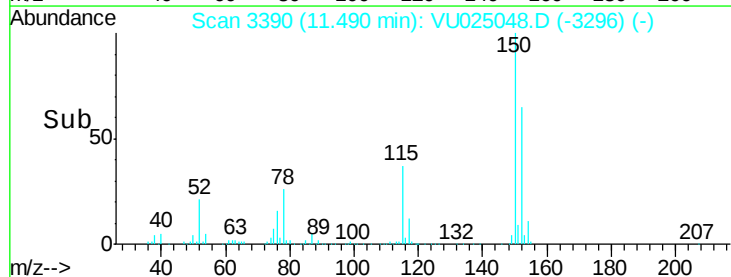
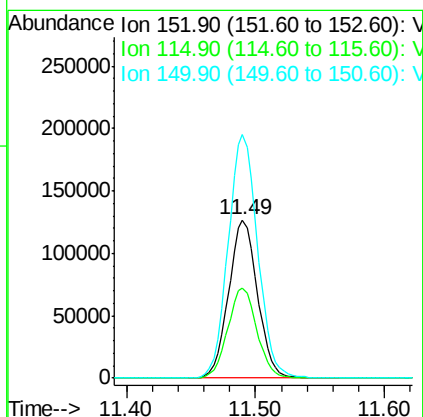
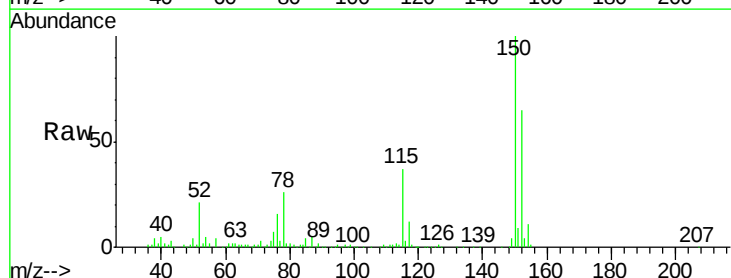
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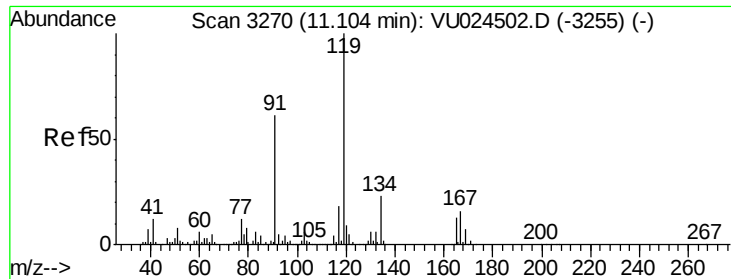
Tgt Ion:112 Resp: 306618
Ion Ratio Lower Upper
112 100
114 32.9 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.49 min Scan# 3390
Delta R.T. 0.00 min
Lab File: VU025048.D
Acq: 29 Jun 2018 03:11

Tgt Ion:152 Resp: 197163
Ion Ratio Lower Upper
152 100
115 57.4 43.0 129.0
150 157.1 0.0 354.0

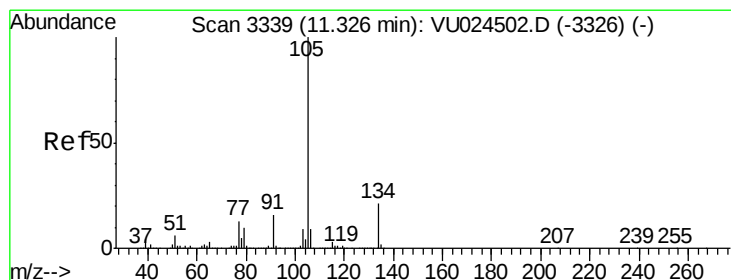
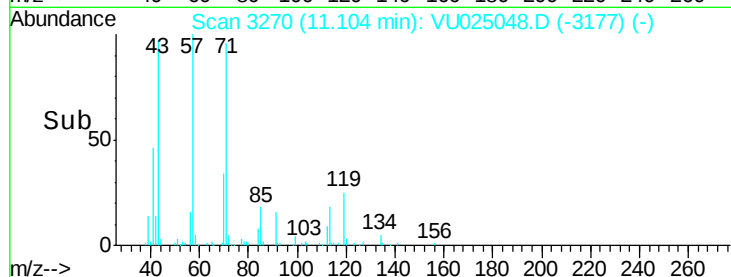
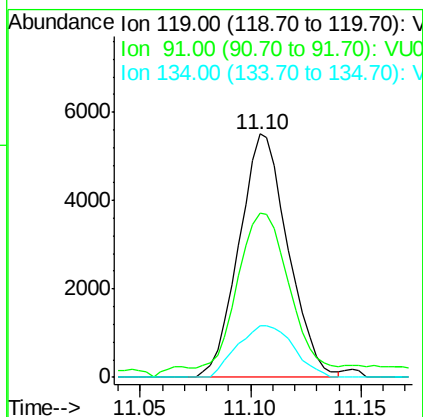
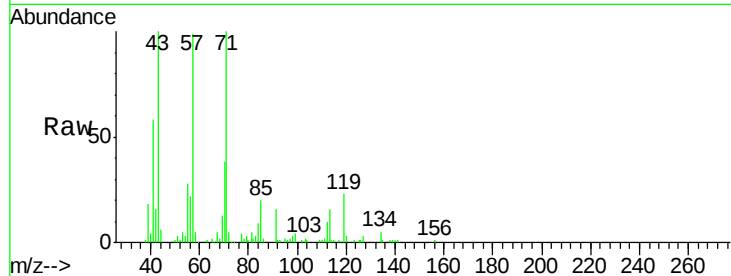




#83
tert-Butylbenzene
Concen: 0.673 ug/l
RT: 11.10 min Scan# 3270
Delta R.T. 0.00 min
Lab File: VU025048.D
Acq: 29 Jun 2018 03:11

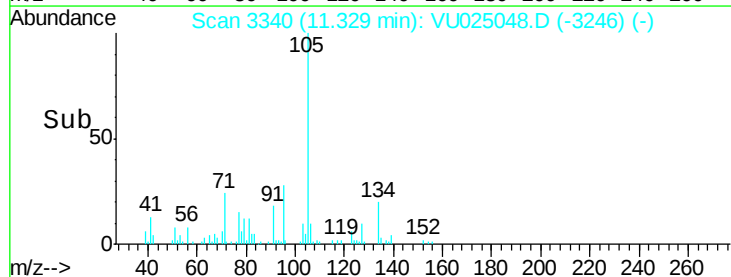
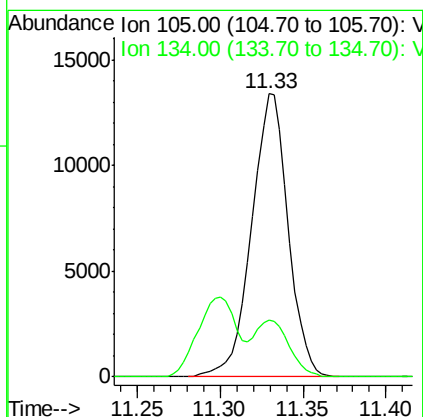
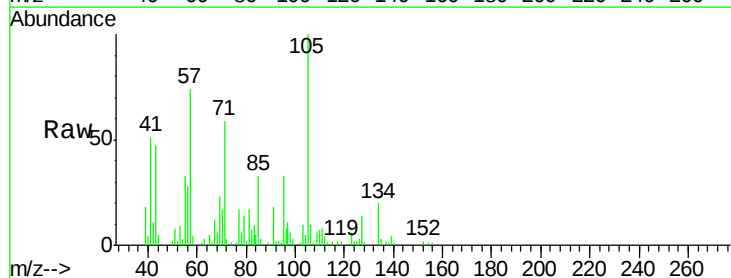
Instrument :
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WP021SB481-19-21-180621ME

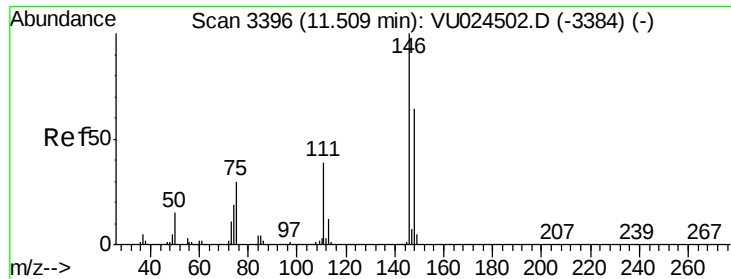
Tgt Ion	Ratio	Lower	Upper
119	100		
91	64.7	29.7	89.1
134	24.4	11.6	34.7



#85
sec-Butylbenzene
Concen: 1.304 ug/l
RT: 11.33 min Scan# 3340
Delta R.T. 0.00 min
Lab File: VU025048.D
Acq: 29 Jun 2018 03:11

Tgt Ion	Ratio	Lower	Upper
105	100		
134	18.8	9.7	29.1

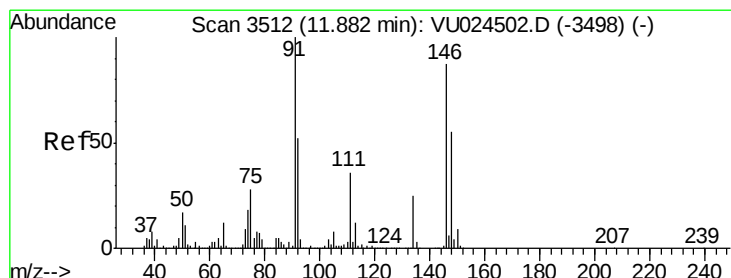
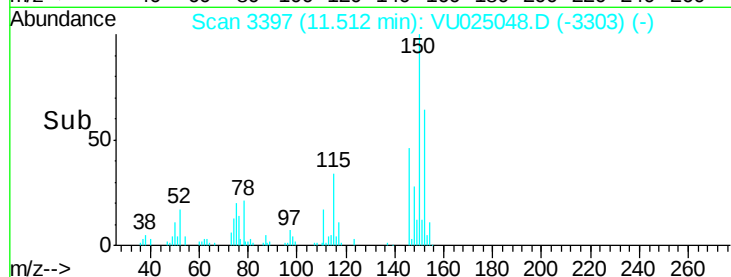
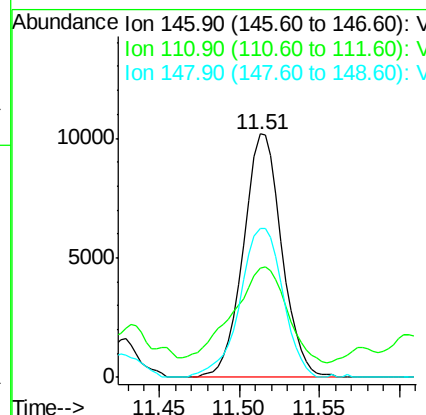
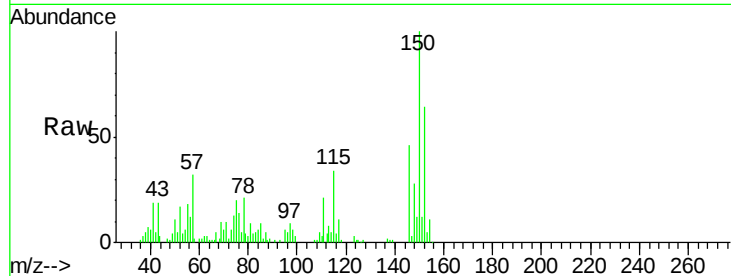




#88
 1,4-Dichlorobenzene
 Concen: 2.333 ug/l
 RT: 11.51 min Scan# 3397
 Delta R.T. 0.00 min
 Lab File: VU025048.D
 Acq: 29 Jun 2018 03:11

Instrument :
 MSVOA_U
 ClientSampleId :
 WP021SB481-19-21-180621ME

Tgt Ion	Ratio	Lower	Upper
146	100		
111	55.7	19.5	58.5
148	68.4	32.4	97.0



#91
 1,2-Dichlorobenzene
 Concen: 3.482 ug/l
 RT: 11.89 min Scan# 3513
 Delta R.T. 0.00 min
 Lab File: VU025048.D
 Acq: 29 Jun 2018 03:11

Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.2	20.5	61.6
148	68.2	31.9	95.7

