

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU122218\
 Data File : VU028912.D
 Acq On : 22 Dec 2018 14:11
 Operator : MD/SY
 Sample : J6426-12ME
 Misc : 6.53g/10mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 P001-SS013B-3036-01ME

Quant Time: Feb 28 13:27:14 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U120618W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 07 00:39:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.97	168	112283	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.88	114	194457	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	184397	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	86747	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.30	65	74045	43.21	ug/l	0.00
Spiked Amount			Recovery	=	86.42%	
35) Dibromofluoromethane	4.88	113	62943	51.44	ug/l	0.00
Spiked Amount			Recovery	=	102.88%	
50) Toluene-d8	7.56	98	245241	50.66	ug/l	0.00
Spiked Amount			Recovery	=	101.32%	
62) 4-Bromofluorobenzene	10.31	95	89494	49.46	ug/l	0.00
Spiked Amount			Recovery	=	98.92%	

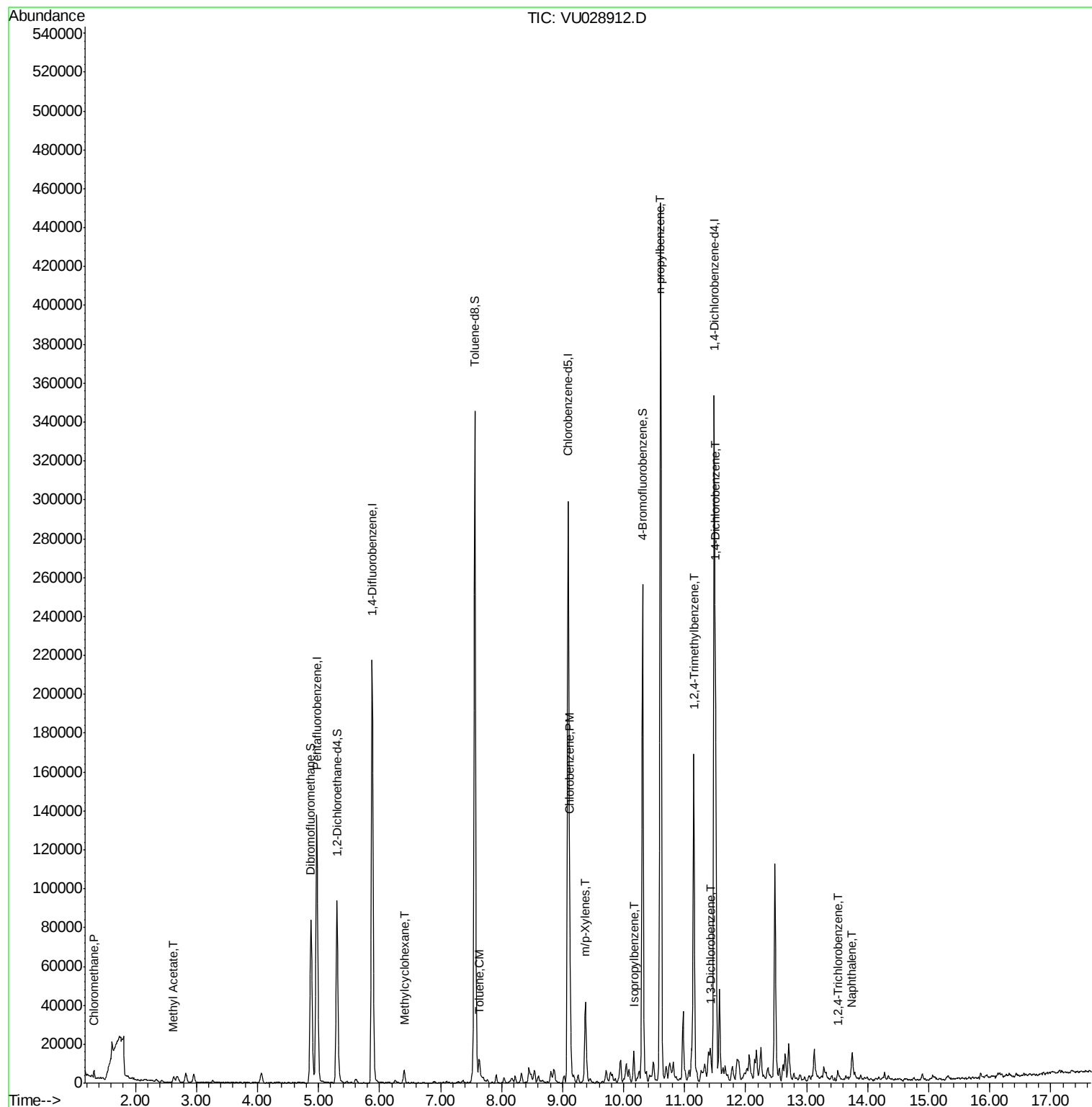
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.32	50	3271	1.182	ug/l	98
18) Methyl Acetate	2.62	43	4570	1.577	ug/l	99
39) Methylcyclohexane	6.40	83	3055	1.177	ug/l	93
52) Toluene	7.64	92	5077	1.376	ug/l	92
65) Chlorobenzene	9.12	112	34404	8.756	ug/l	99
68) m/p-Xylenes	9.37	106	12152	4.623	ug/l	100
73) Isopropylbenzene	10.17	105	10710	1.609	ug/l	99
78) n-propylbenzene	10.59	91	21108	2.552	ug/l	91
84) 1,2,4-Trimethylbenzene	11.15	105	89222	15.712	ug/l	97
87) 1,3-Dichlorobenzene	11.42	146	6118	2.081	ug/l	90
88) 1,4-Dichlorobenzene	11.51	146	65612	21.573	ug/l	98
93) 1,2,4-Trichlorobenzene	13.51	180	779	1.223	ug/l	95
95) Naphthalene	13.75	128	14587	2.067	ug/l	97

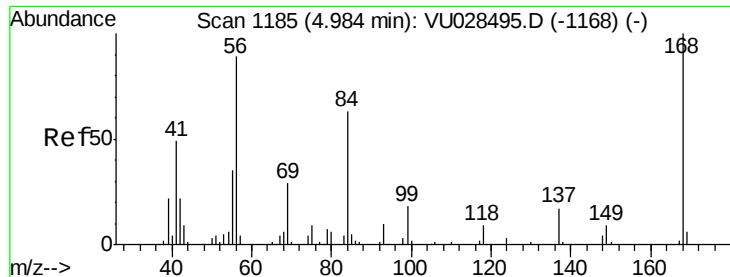
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_U\DATA\VU122218\
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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.97 min Scan# 1182

Delta R.T. -0.01 min

Lab File: VU028912.D

Acq: 22 Dec 2018 14:11

Instrument :

MSVOA_U

ClientSampleId :

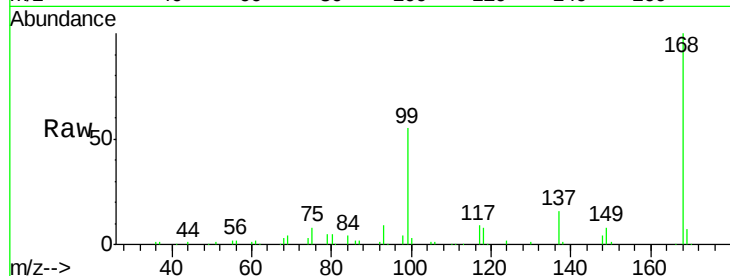
P001-SS013B-3036-01ME

Tgt Ion: 168 Resp: 112283

Ion Ratio Lower Upper

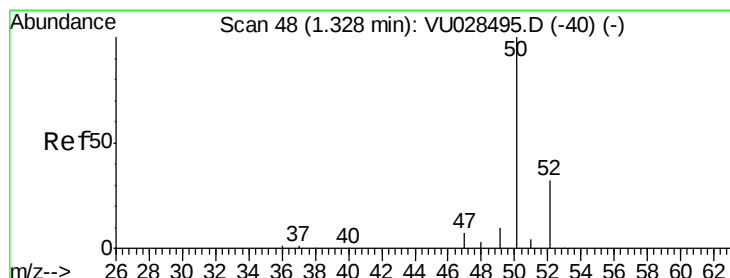
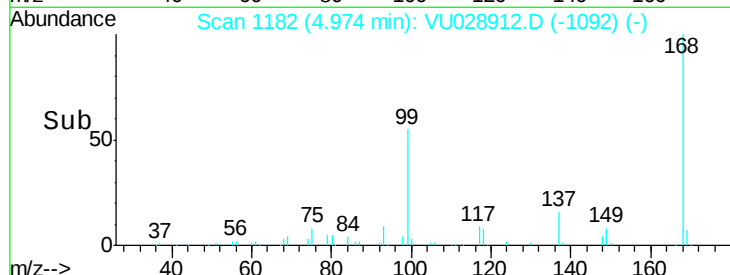
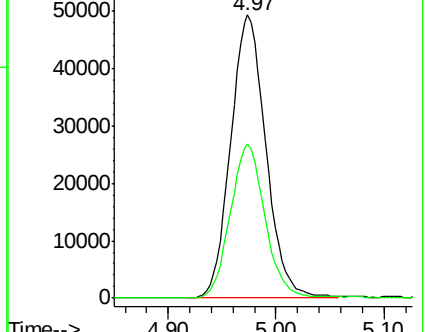
168 100

99 54.6 46.6 69.8



Abundance Ion 167.90 (167.60 to 168.60): VU028495.D (-1168) (-)

Ion 98.90 (98.60 to 99.60): VU028495.D (-1168) (-)



#3

Chloromethane

Concen: 1.182 ug/l

RT: 1.32 min Scan# 46

Delta R.T. -0.01 min

Lab File: VU028912.D

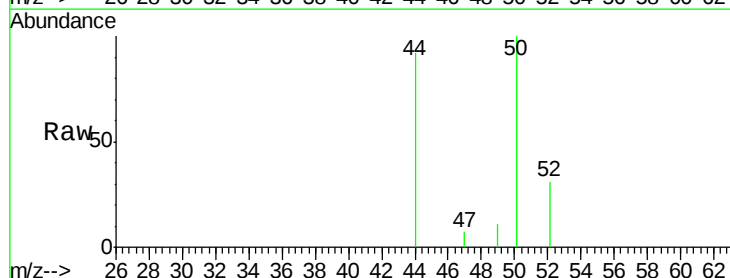
Acq: 22 Dec 2018 14:11

Tgt Ion: 50 Resp: 3271

Ion Ratio Lower Upper

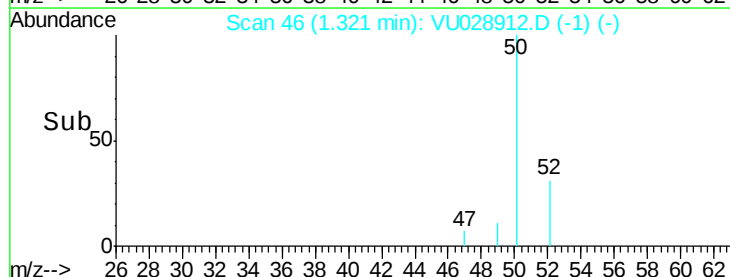
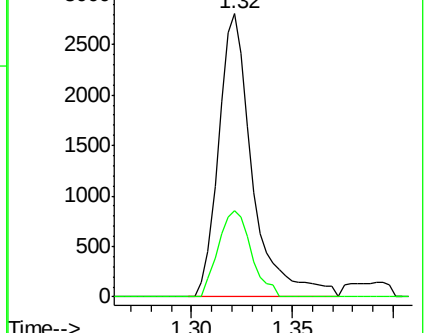
50 100

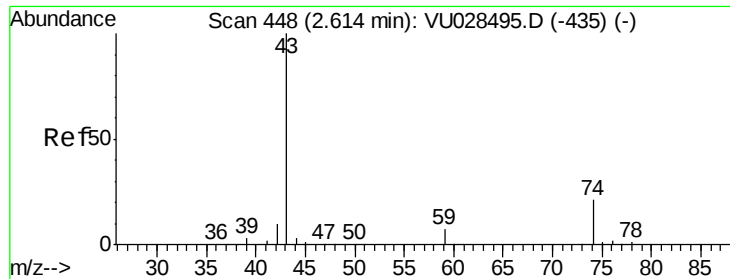
52 30.6 25.5 38.3



Abundance Ion 49.90 (49.60 to 50.60): VU028495.D (-40) (-)

Ion 51.90 (51.60 to 52.60): VU028495.D (-40) (-)

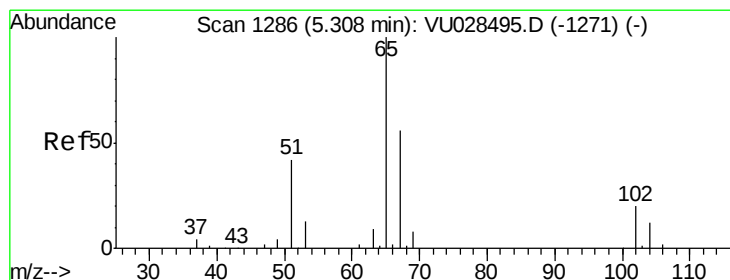
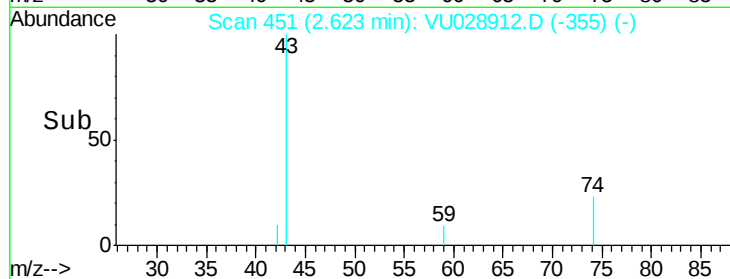
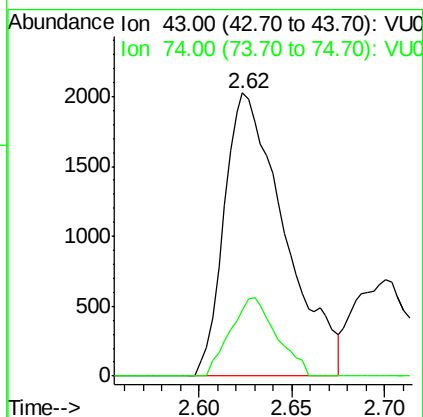
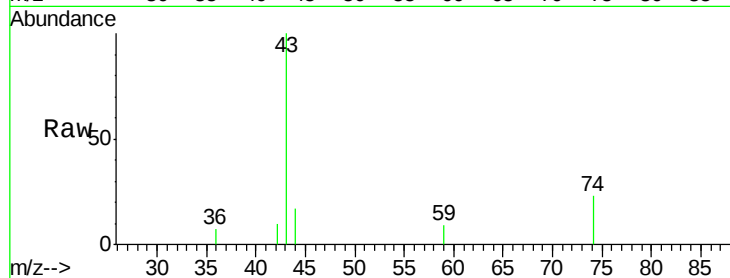




#18
Methyl Acetate
Concen: 1.577 ug/l
RT: 2.62 min Scan# 451
Delta R.T. 0.01 min
Lab File: VU028912.D
Acq: 22 Dec 2018 14:11

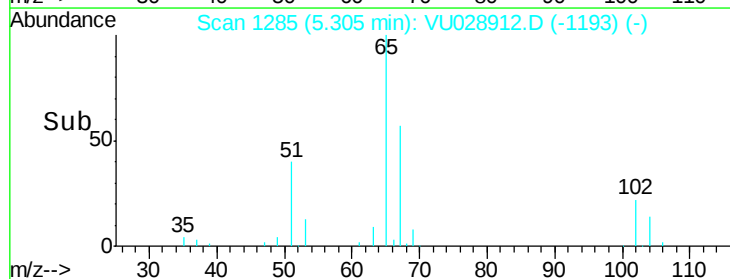
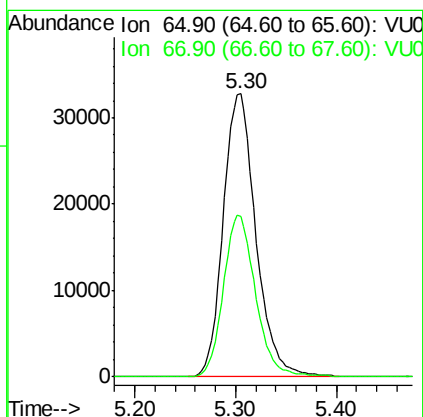
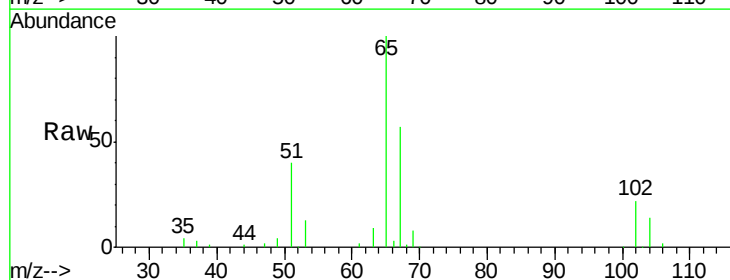
Instrument :
MSVOA_U
ClientSampleId :
P001-SS013B-3036-01ME

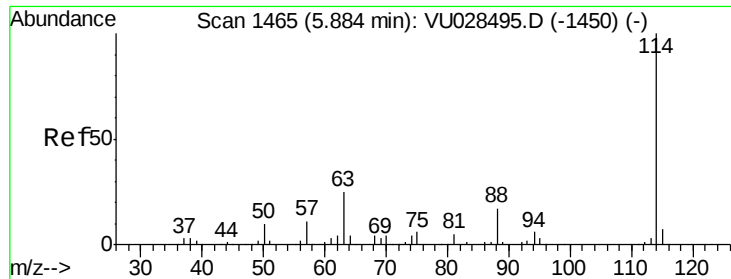
Tgt Ion: 43 Resp: 4570
Ion Ratio Lower Upper
43 100
74 21.2 16.4 24.6



#33
1,2-Dichloroethane-d4
Concen: 43.212 ug/l
RT: 5.30 min Scan# 1285
Delta R.T. -0.00 min
Lab File: VU028912.D
Acq: 22 Dec 2018 14:11

Tgt Ion: 65 Resp: 74045
Ion Ratio Lower Upper
65 100
67 56.3 0.0 110.6

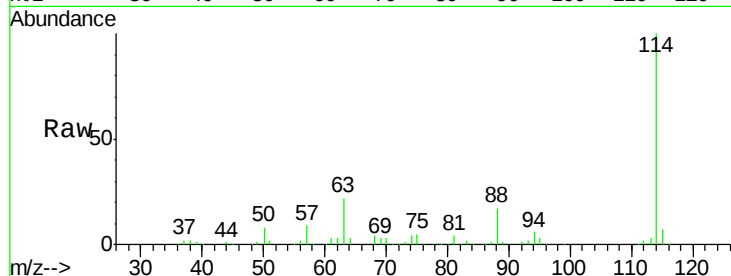




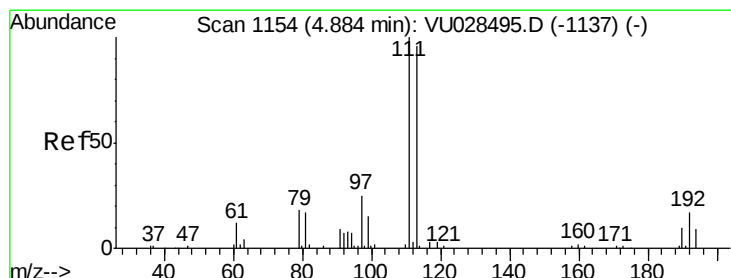
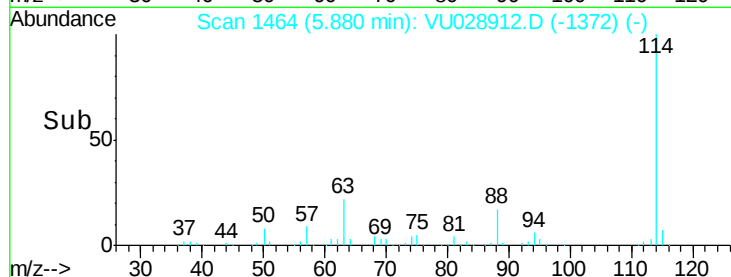
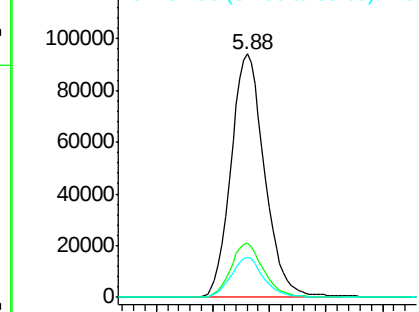
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.88 min Scan# 1464
 Delta R.T. -0.00 min
 Lab File: VU028912.D
 Acq: 22 Dec 2018 14:11

Instrument :
 MSVOA_U
 ClientSampleId :
 P001-SS013B-3036-01ME

Tgt Ion:114 Resp: 194457
 Ion Ratio Lower Upper
 114 100
 63 22.1 0.0 49.2
 88 16.6 0.0 33.4

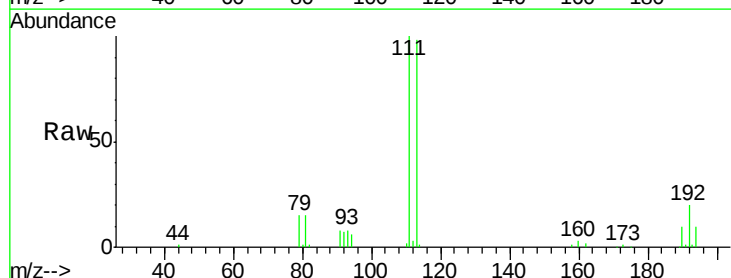


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VU0
 Ion 87.90 (87.60 to 88.60): VU0

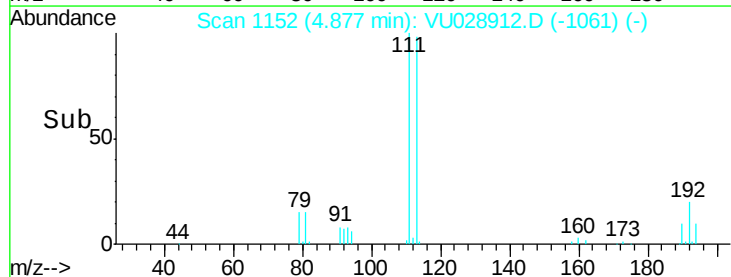
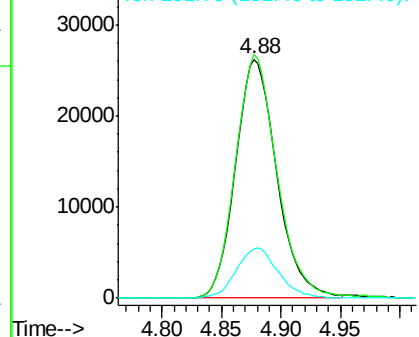


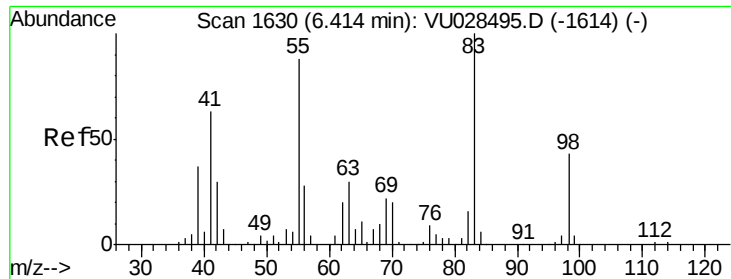
#35
 Dibromofluoromethane
 Concen: 51.435 ug/l
 RT: 4.88 min Scan# 1152
 Delta R.T. -0.01 min
 Lab File: VU028912.D
 Acq: 22 Dec 2018 14:11

Tgt Ion:113 Resp: 62943
 Ion Ratio Lower Upper
 113 100
 111 102.1 83.4 125.0
 192 21.2 14.8 22.2



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

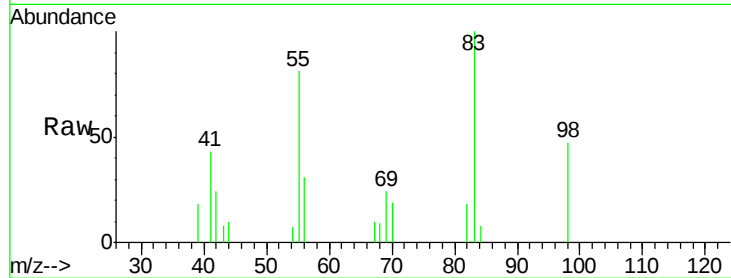




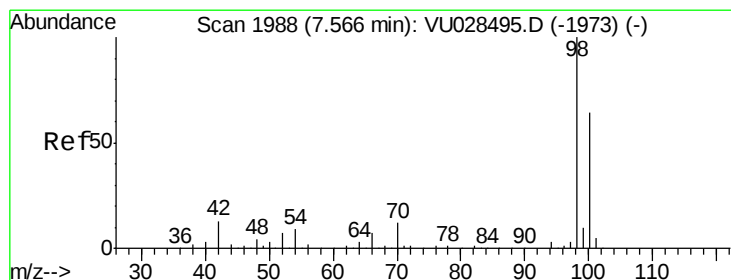
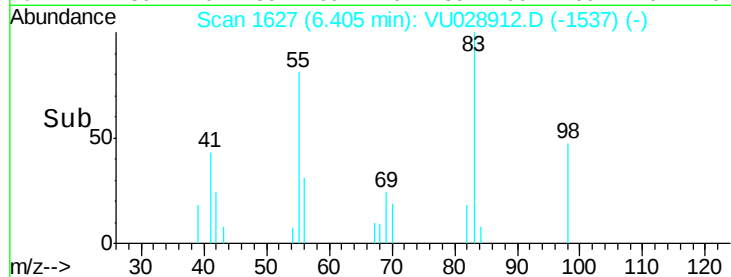
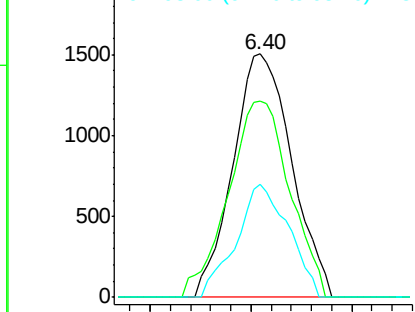
#39
Methylcyclohexane
Concen: 1.177 ug/l
RT: 6.40 min Scan# 1627
Delta R.T. -0.01 min
Lab File: VU028912.D
Acq: 22 Dec 2018 14:11

Instrument :
MSVOA_U
ClientSampleId :
P001-SS013B-3036-01ME

Tgt Ion: 83 Resp: 3055
Ion Ratio Lower Upper
83 100
55 80.7 70.2 105.2
98 46.5 34.2 51.4

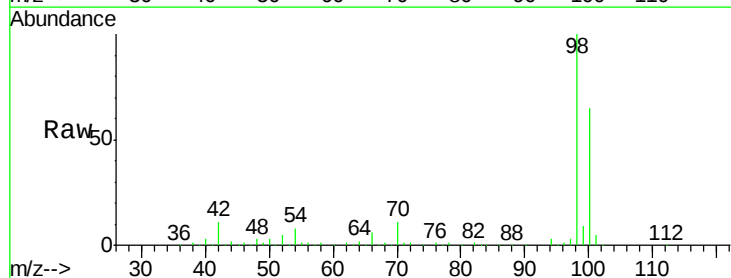


Abundance Ion 83.00 (82.70 to 83.70): VU0
Ion 55.00 (54.70 to 55.70): VU0
Ion 98.00 (97.70 to 98.70): VU0

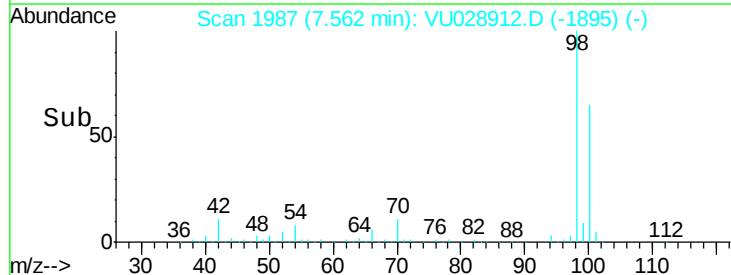
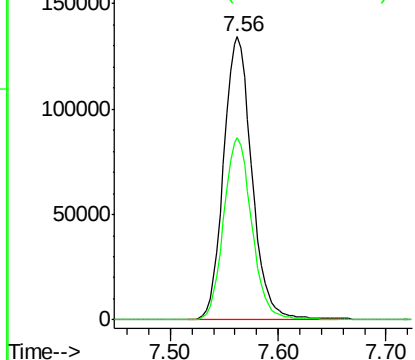


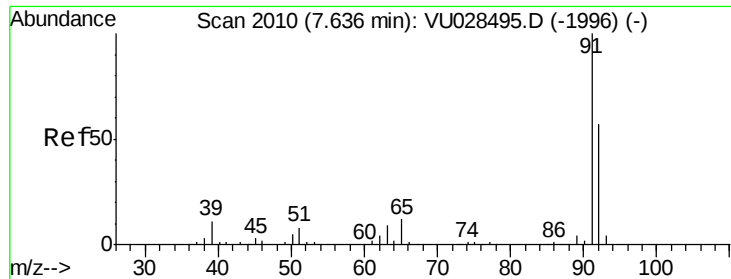
#50
Toluene-d8
Concen: 50.661 ug/l
RT: 7.56 min Scan# 1987
Delta R.T. -0.00 min
Lab File: VU028912.D
Acq: 22 Dec 2018 14:11

Tgt Ion: 98 Resp: 245241
Ion Ratio Lower Upper
98 100
100 64.1 51.0 76.6



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





#52

Toluene

Concen: 1.376 ug/l

RT: 7.64 min Scan# 2010

Delta R.T. -0.00 min

Lab File: VU028912.D

Acq: 22 Dec 2018 14:11

Instrument :

MSVOA_U

ClientSampleId :

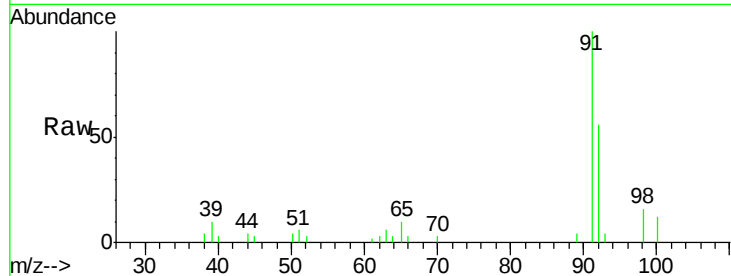
P001-SS013B-3036-01ME

Tgt Ion: 92 Resp: 5077

Ion Ratio Lower Upper

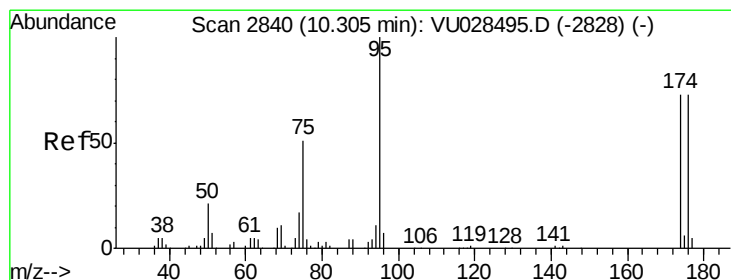
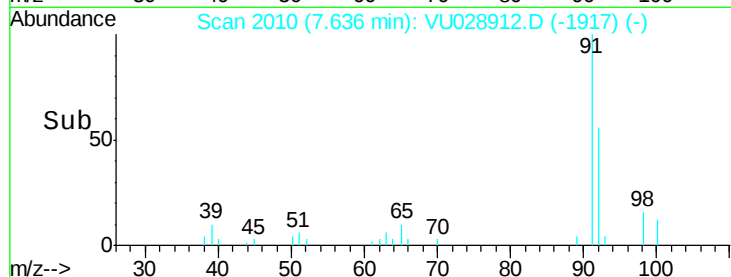
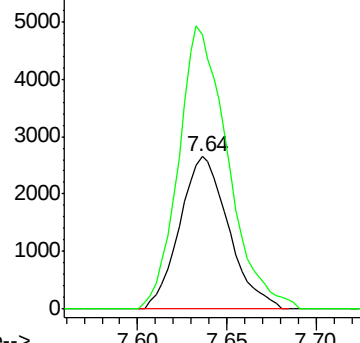
92 100

91 186.7 140.2 210.4



Abundance Ion 92.00 (91.70 to 92.70): VU0

Ion 91.00 (90.70 to 91.70): VU0



#62

4-Bromofluorobenzene

Concen: 49.462 ug/l

RT: 10.31 min Scan# 2842

Delta R.T. 0.01 min

Lab File: VU028912.D

Acq: 22 Dec 2018 14:11

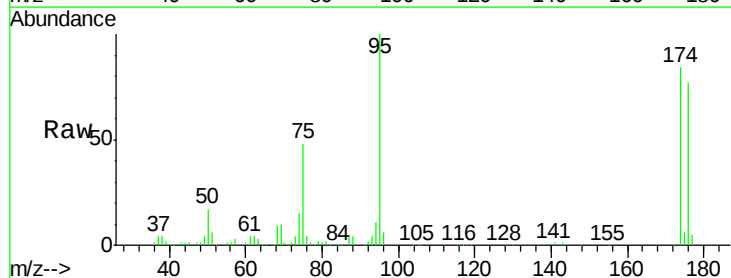
Tgt Ion: 95 Resp: 89494

Ion Ratio Lower Upper

95 100

174 82.4 0.0 150.4

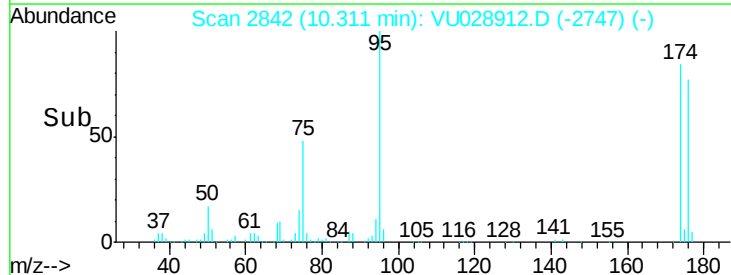
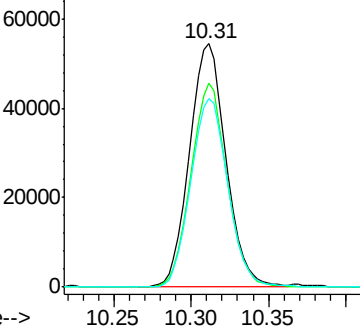
176 78.8 0.0 145.2

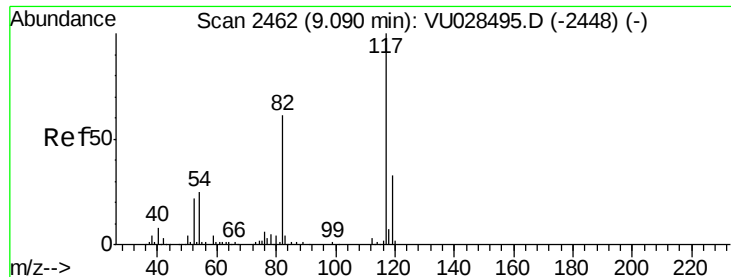


Abundance Ion 94.90 (94.60 to 95.60): VU0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

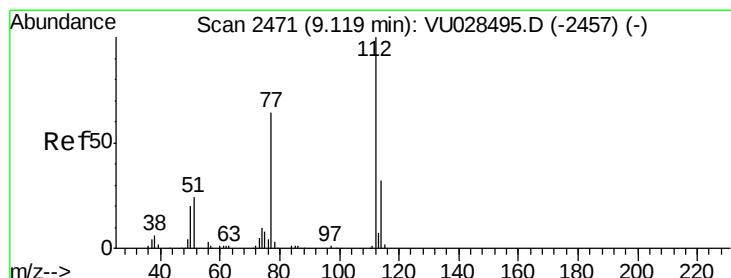
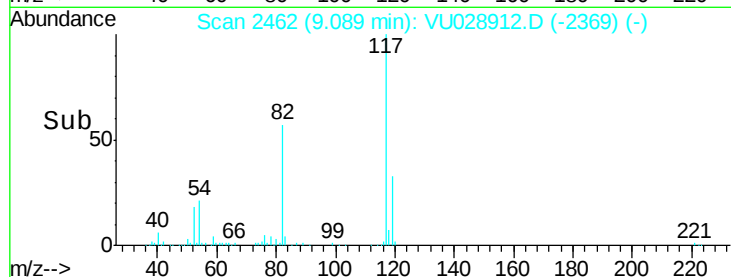
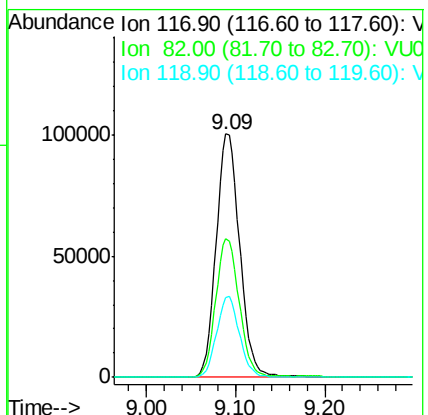
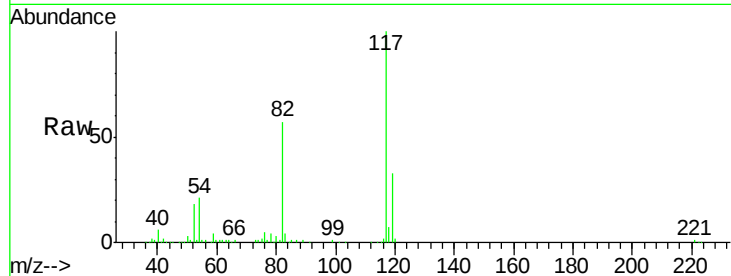




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. -0.00 min
Lab File: VU028912.D
Acq: 22 Dec 2018 14:11

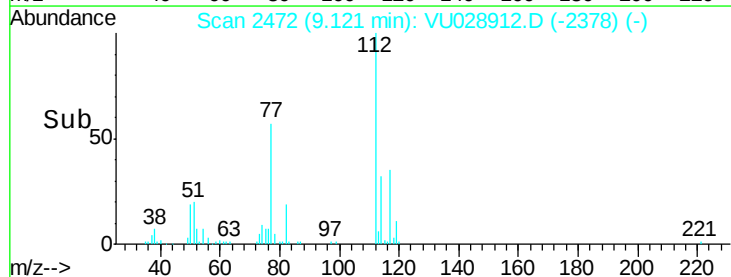
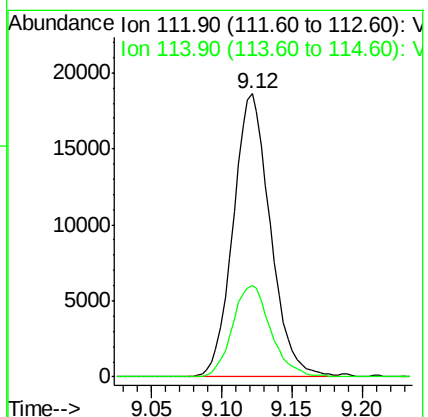
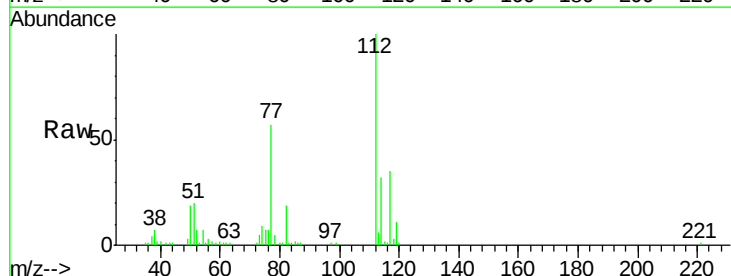
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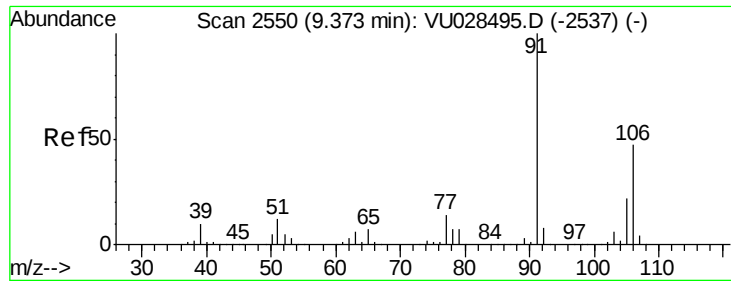
Tgt Ion:117 Resp: 184397
Ion Ratio Lower Upper
117 100
82 57.1 48.9 73.3
119 32.7 26.2 39.4



#65
Chlorobenzene
Concen: 8.756 ug/l
RT: 9.12 min Scan# 2472
Delta R.T. 0.00 min
Lab File: VU028912.D
Acq: 22 Dec 2018 14:11

Tgt Ion:112 Resp: 34404
Ion Ratio Lower Upper
112 100
114 32.2 25.3 37.9

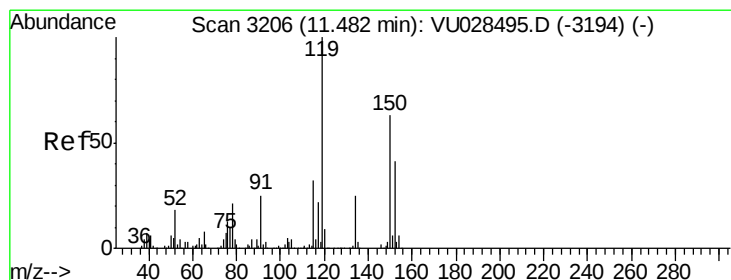
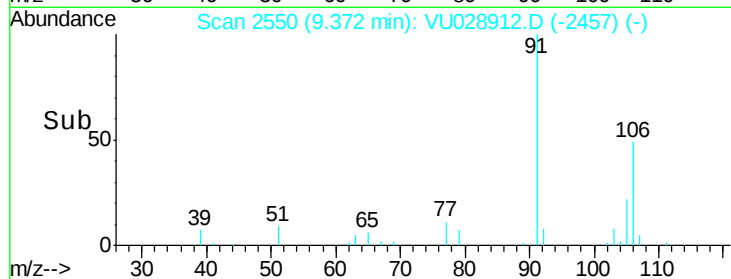
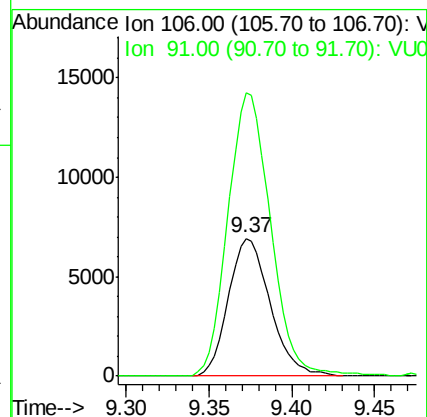
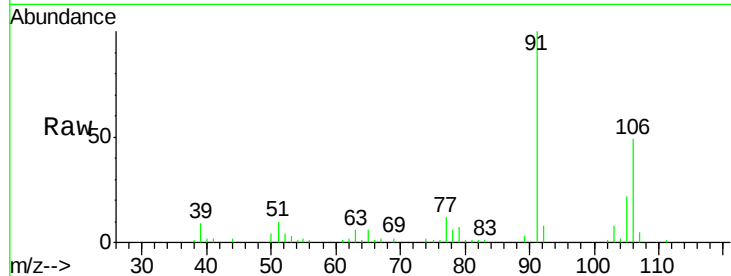




#68
m/p-Xylenes
Concen: 4.623 ug/l
RT: 9.37 min Scan# 2550
Delta R.T. -0.00 min
Lab File: VU028912.D
Acq: 22 Dec 2018 14:11

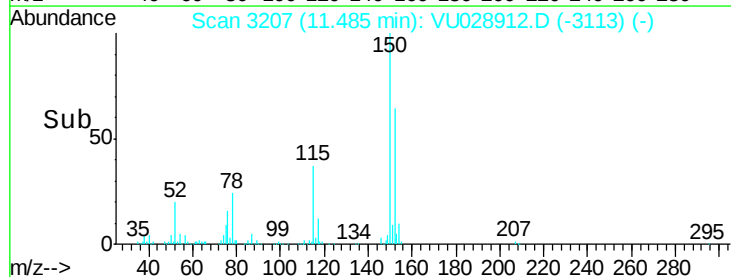
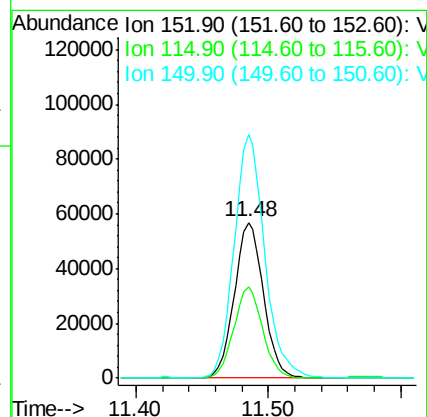
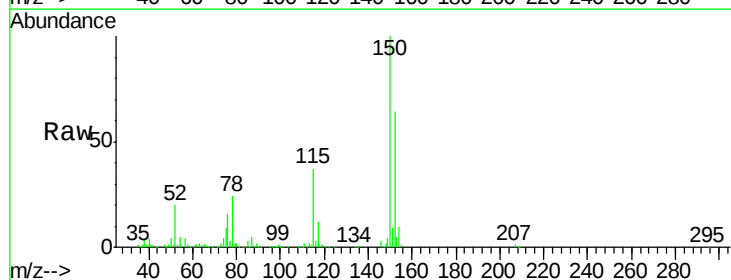
Instrument :
MSVOA_U
ClientSampleId :
P001-SS013B-3036-01ME

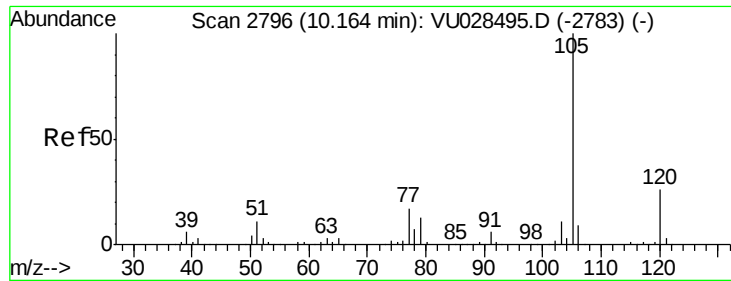
Tgt Ion:106 Resp: 12152
Ion Ratio Lower Upper
106 100
91 210.0 167.4 251.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.48 min Scan# 3207
Delta R.T. 0.00 min
Lab File: VU028912.D
Acq: 22 Dec 2018 14:11

Tgt Ion:152 Resp: 86747
Ion Ratio Lower Upper
152 100
115 57.8 42.7 128.1
150 163.9 0.0 346.0





#73

Isopropylbenzene

Concen: 1.609 ug/l

RT: 10.17 min Scan# 2798

Delta R.T. 0.01 min

Lab File: VU028912.D

Acq: 22 Dec 2018 14:11

Instrument :

MSVOA_U

ClientSampleId :

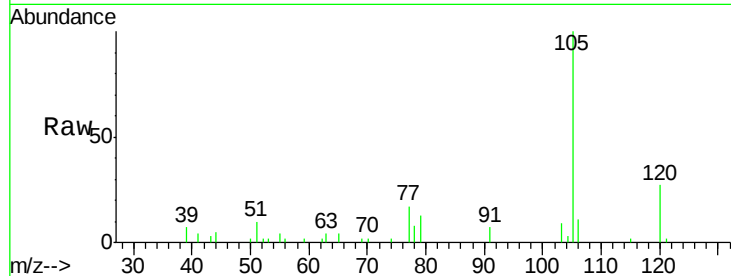
P001-SS013B-3036-01ME

Tgt Ion: 105 Resp: 10710

Ion Ratio Lower Upper

105 100

120 26.4 12.9 38.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

10.17

6000

4000

2000

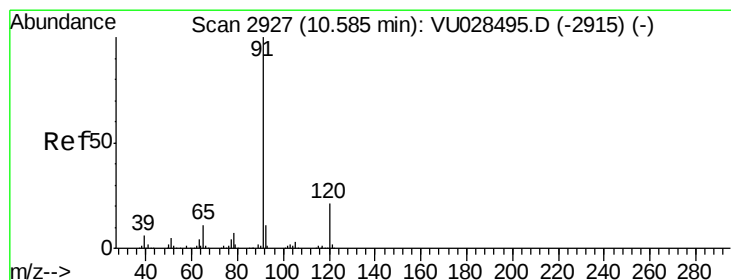
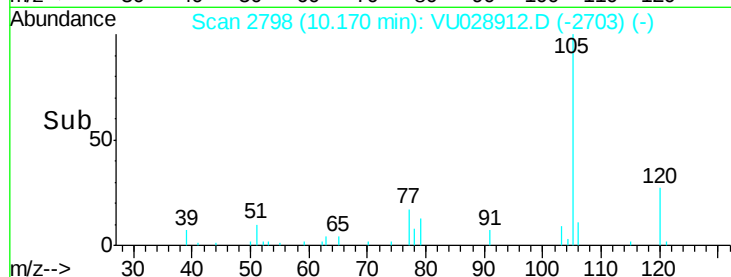
0

Time-->

10.10

10.15

10.20



#78

n-propylbenzene

Concen: 2.552 ug/l

RT: 10.59 min Scan# 2929

Delta R.T. 0.01 min

Lab File: VU028912.D

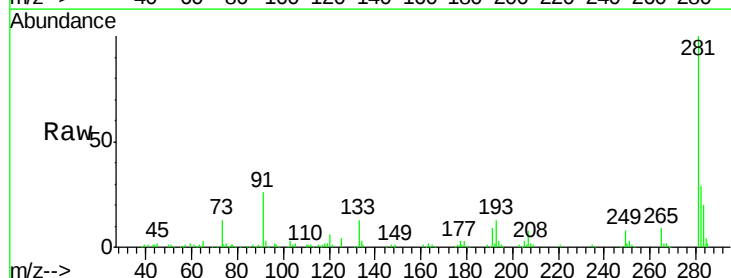
Acq: 22 Dec 2018 14:11

Tgt Ion: 91 Resp: 21108

Ion Ratio Lower Upper

91 100

120 25.5 10.6 31.8



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 120.00 (119.70 to 120.70): V

15000

10000

5000

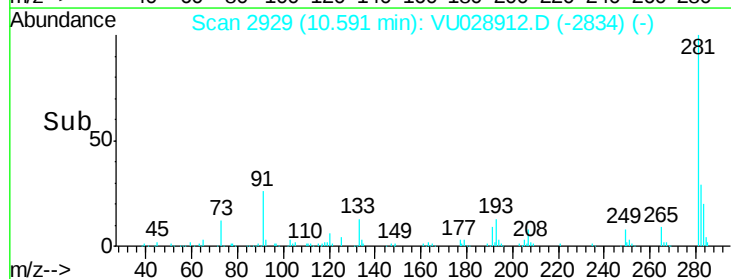
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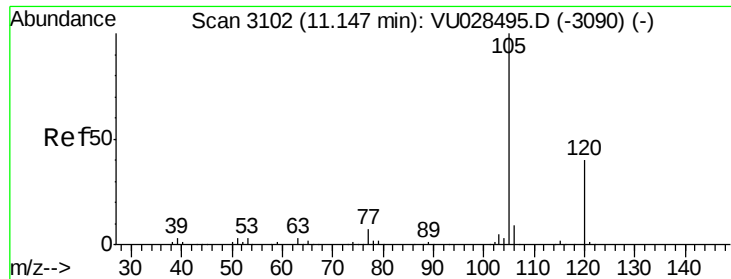
Time-->

10.55

10.60

10.65

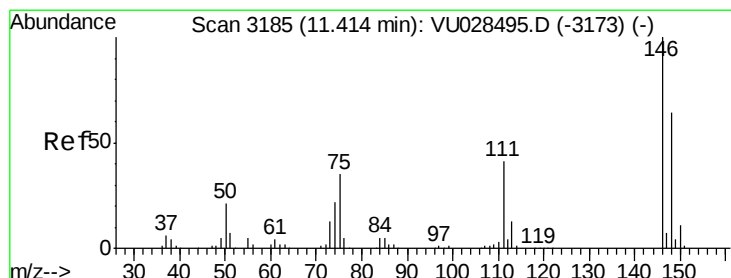
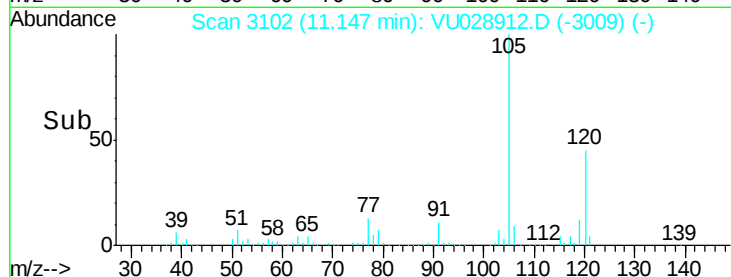
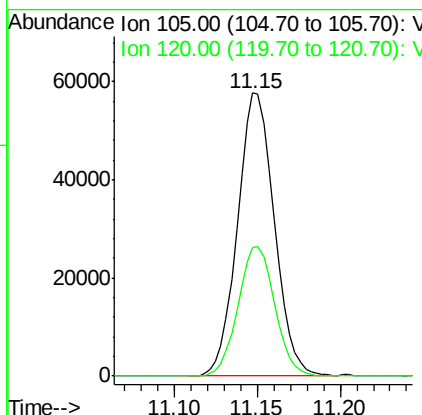
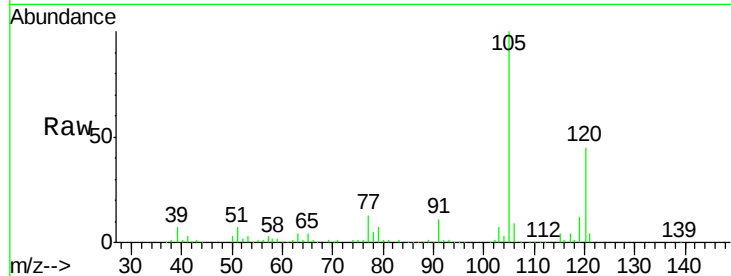




#84
 1,2,4-Trimethylbenzene
 Concen: 15.712 ug/l
 RT: 11.15 min Scan# 3102
 Delta R.T. -0.00 min
 Lab File: VU028912.D
 Acq: 22 Dec 2018 14:11

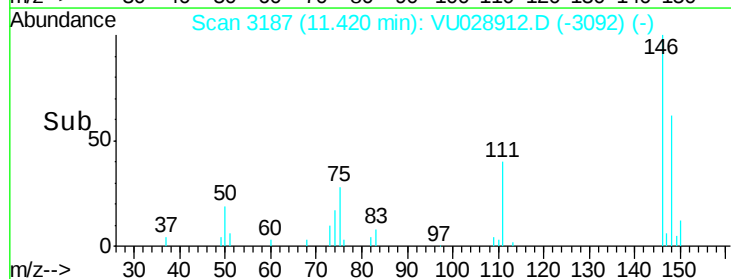
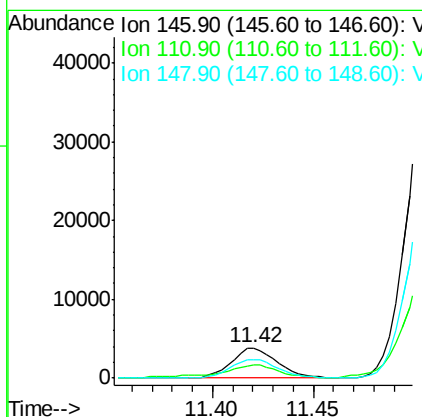
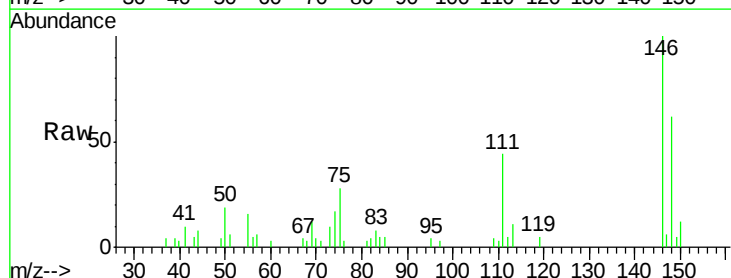
Instrument :
 MSVOA_U
 ClientSampleId :
 P001-SS013B-3036-01ME

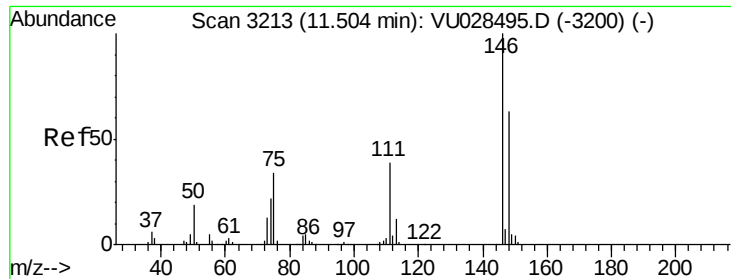
Tgt Ion:105 Resp: 89222
 Ion Ratio Lower Upper
 105 100
 120 45.8 21.8 65.4



#87
 1,3-Dichlorobenzene
 Concen: 2.081 ug/l
 RT: 11.42 min Scan# 3187
 Delta R.T. 0.01 min
 Lab File: VU028912.D
 Acq: 22 Dec 2018 14:11

Tgt Ion:146 Resp: 6118
 Ion Ratio Lower Upper
 146 100
 111 57.0 20.7 62.1
 148 63.5 31.9 95.7

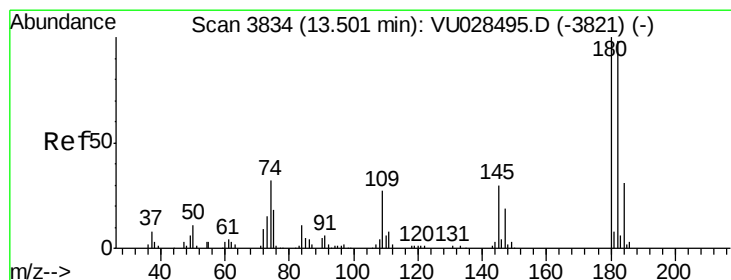
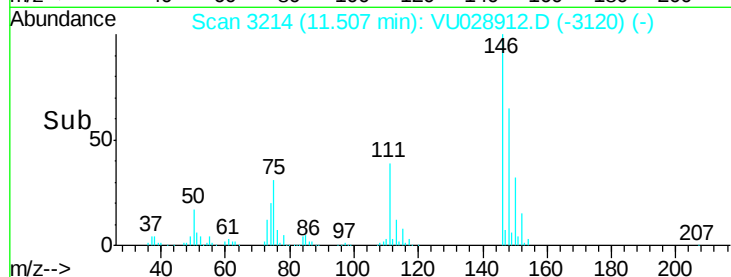
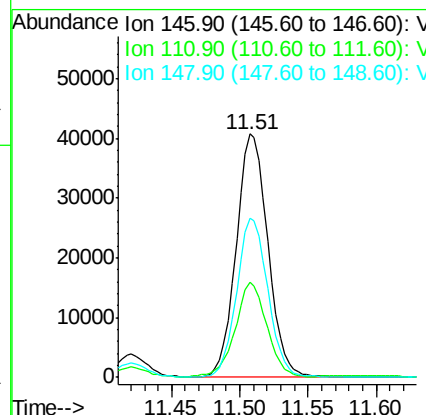
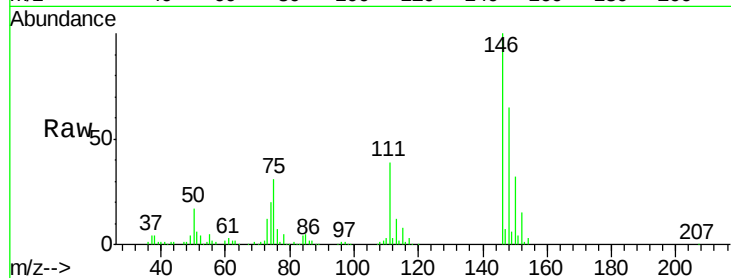




#88
 1,4-Dichlorobenzene
 Concen: 21.573 ug/l
 RT: 11.51 min Scan# 3214
 Delta R.T. 0.00 min
 Lab File: VU028912.D
 Acq: 22 Dec 2018 14:11

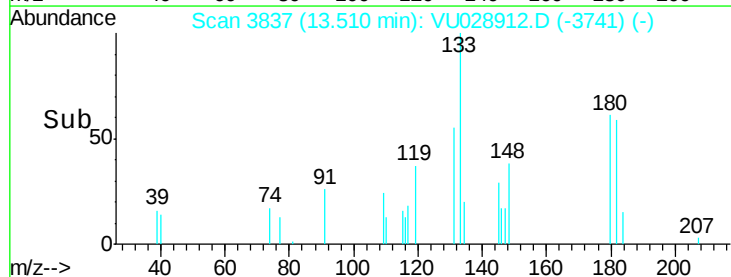
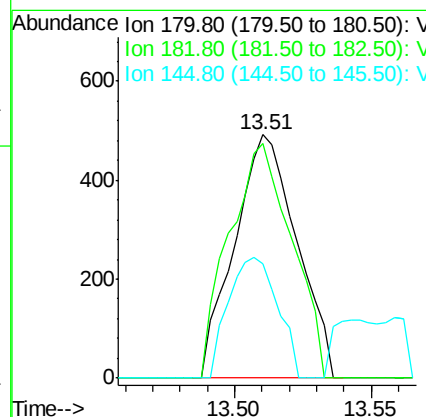
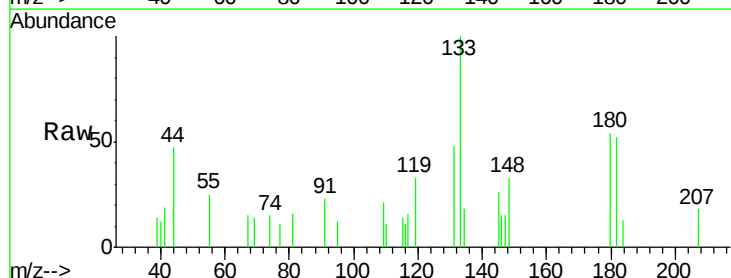
Instrument :
 MSVOA_U
 ClientSampleId :
 P001-SS013B-3036-01ME

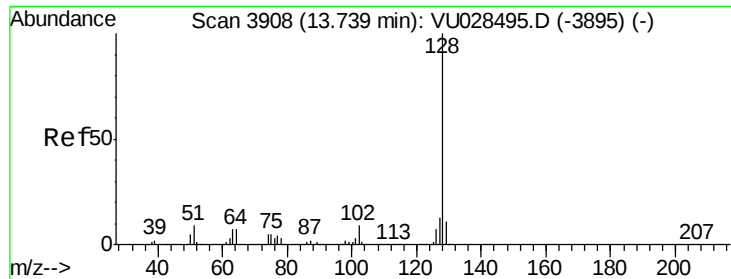
Tgt Ion:146 Resp: 65612
 Ion Ratio Lower Upper
 146 100
 111 39.4 20.2 60.5
 148 64.7 31.6 95.0



#93
 1,2,4-Trichlorobenzene
 Concen: 1.223 ug/l
 RT: 13.51 min Scan# 3837
 Delta R.T. 0.01 min
 Lab File: VU028912.D
 Acq: 22 Dec 2018 14:11

Tgt Ion:180 Resp: 779
 Ion Ratio Lower Upper
 180 100
 182 96.9 47.9 143.8
 145 39.2 15.0 45.1





#95
Naphthalene
Concen: 2.067 ug/l
RT: 13.75 min Scan# 3911
Delta R.T. 0.01 min
Lab File: VU028912.D
Acq: 22 Dec 2018 14:11

Instrument :
MSVOA_U
ClientSampleId :
P001-SS013B-3036-01ME

Tgt Ion	Ratio	Lower	Upper
128	100		
127	12.0	10.4	15.6
129	9.8	8.6	13.0

