

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\U100418\
 Data File : VU027428.D
 Acq On : 04 Oct 2018 23:07
 Operator : MD/SY
 Sample : J5165-13
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EP1-MW-F-092718

Quant Time: Oct 05 03:19:06 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U100118W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 02 02:04:34 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	104150	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	185464	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	181271	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	102394	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	104598	60.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	120.28%	
35) Dibromofluoromethane	4.89	113	70106	55.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.32%	
50) Toluene-d8	7.57	98	285022	59.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	119.82%	
62) 4-Bromofluorobenzene	10.31	95	110729	62.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	125.26%	

Target Compounds						Qvalue
3) Chloromethane	1.27	50	10244	5.039	ug/l #	42
5) Bromomethane	1.63	94	305	0.369	ug/l #	77
10) Methyl Iodide	2.41	142	66	8.384	ug/l #	39
11) Tert butyl alcohol	2.83	59	3270	8.929	ug/l #	85
14) Allyl chloride	2.55	41	770	0.295	ug/l #	52
16) Acetone	2.32	43	61973	60.320	ug/l	98
17) Carbon Disulfide	2.48	76	15895	4.006	ug/l	97
18) Methyl Acetate	2.62	43	1180	0.503	ug/l #	56
20) Methylene Chloride	2.70	84	438	0.306	ug/l #	67
25) 2-Butanone	4.27	43	10353	7.390	ug/l	100
28) Bromochloromethane	4.68	49	315	0.239	ug/l #	24
30) Chloroform	4.68	83	4284	1.766	ug/l	90
31) Cyclohexane	4.99	56	2339	0.604	ug/l #	1
36) 1,1-Dichloropropene	4.98	75	8855	4.397	ug/l #	47
37) Ethyl Acetate	4.27	43	10353	3.978	ug/l #	70
38) Carbon Tetrachloride	4.99	117	10427	5.732	ug/l #	18
51) 4-Methyl-2-Pentanone	7.47	43	2207	0.840	ug/l #	84
55) 1,1,2-Trichloroethane	8.05	97	4075	2.960	ug/l #	17
56) Ethyl methacrylate	8.04	69	980	2.626	ug/l #	1
59) 2-Hexanone	8.38	43	1268	0.622	ug/l	94
73) Isopropylbenzene	10.17	105	6880	0.925	ug/l	100
74) N-amyl acetate	10.01	43	1253	0.294	ug/l #	45
75) 1,1,2,2-Tetrachloroethane	10.31	83	894	0.306	ug/l	85
76) 1,2,3-Trichloropropane	10.31	75	59033	22.241	ug/l #	38
78) n-propylbenzene	10.59	91	10787	1.207	ug/l	96
81) trans-1,4-Dichloro-2-buten	10.31	75	59033	58.206	ug/l #	100
83) tert-Butylbenzene	11.10	119	24500	4.186	ug/l	87
84) 1,2,4-Trimethylbenzene	11.15	105	177502	28.700	ug/l	99
85) sec-Butylbenzene	11.32	105	24112	3.269	ug/l	98
86) p-Isopropyltoluene	11.48	119	13176	2.087	ug/l	95
89) n-Butylbenzene	11.86	91	16465	4.311	ug/l #	1
90) Hexachloroethane	12.15	117	14896	12.515	ug/l #	12
92) 1,2-Dibromo-3-Chloropropan	12.65	75	1959	3.027	ug/l #	7
95) Naphthalene	13.74	128	3200	2.060	ug/l #	36

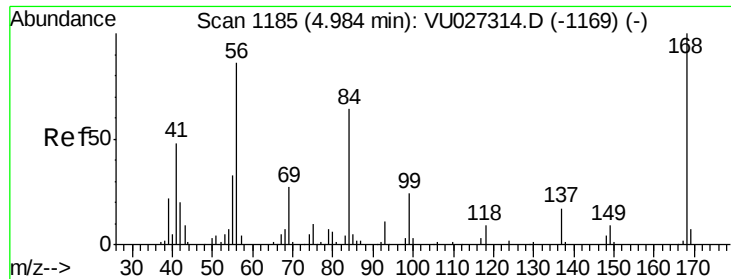
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU100418\
Data File : VU027428.D
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Quant Title : SW846 8260
QLast Update : Tue Oct 02 02:04:34 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.99 min Scan# 1186

Delta R.T. 0.00 min

Lab File: VU027428.D

Acq: 04 Oct 2018 23:07

Instrument :

MSVOA_U

ClientSampleId :

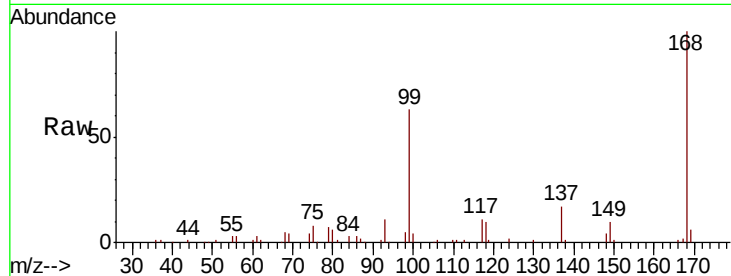
EP1-MW-F-092718

Tgt Ion:168 Resp: 104150

Ion Ratio Lower Upper

168 100

99 62.9 50.8 76.2



Abundance Ion 167.90 (167.60 to 168.60): VU027314.D (-1169) (-)

Ion 98.90 (98.60 to 99.60): VU027314.D (-1169) (-)

4.99

40000

30000

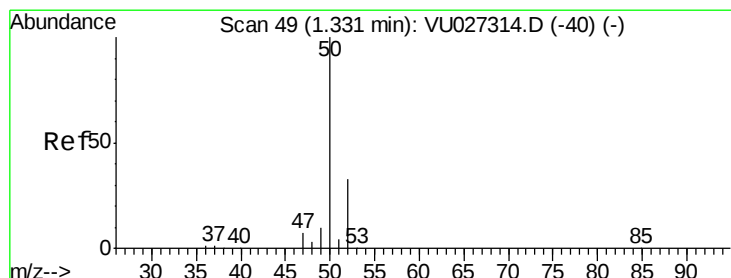
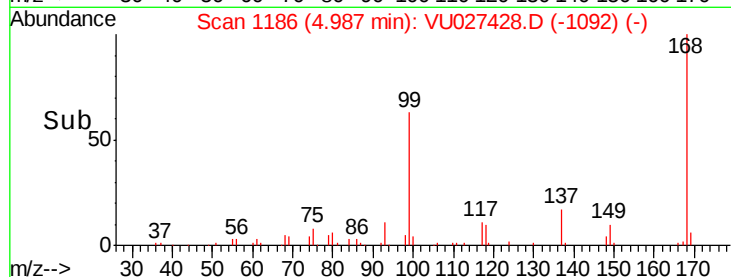
20000

10000

0

4.90 5.00 5.10 5.20

Time-->



#3

Chloromethane

Concen: 5.039 ug/l

RT: 1.27 min Scan# 31

Delta R.T. -0.06 min

Lab File: VU027428.D

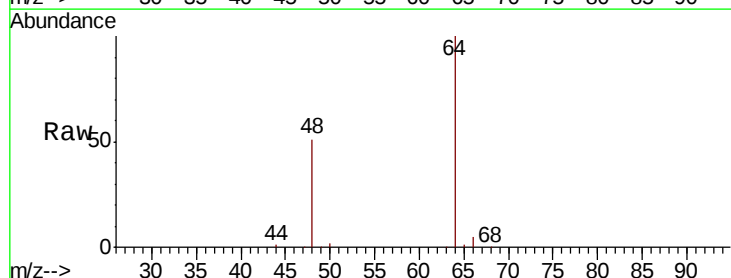
Acq: 04 Oct 2018 23:07

Tgt Ion: 50 Resp: 10244

Ion Ratio Lower Upper

50 100

52 0.0 26.5 39.7#



Abundance Ion 49.90 (49.60 to 50.60): VU027314.D (-40) (-)

Ion 51.90 (51.60 to 52.60): VU027314.D (-40) (-)

1.27

8000

6000

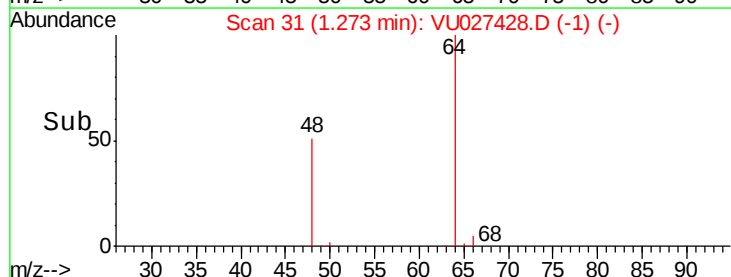
4000

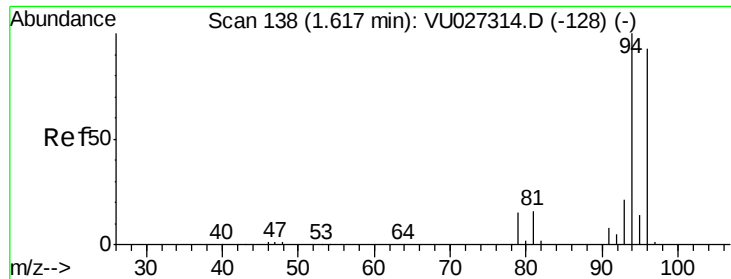
2000

0

1.24 1.26 1.28 1.30 1.32

Time-->





#5

Bromomethane

Concen: 0.369 ug/l

RT: 1.63 min Scan# 143

Delta R.T. 0.02 min

Lab File: VU027428.D

Acq: 04 Oct 2018 23:07

Instrument :

MSVOA_U

ClientSampleId :

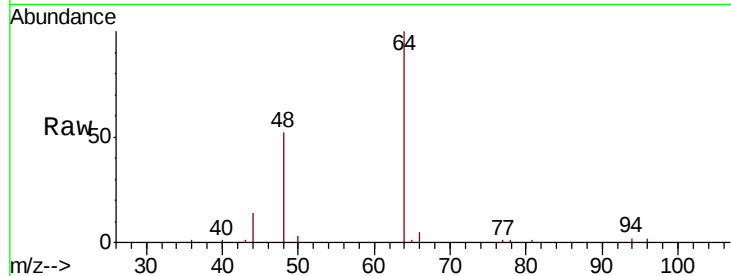
EP1-MW-F-092718

Tgt Ion: 94 Resp: 305

Ion Ratio Lower Upper

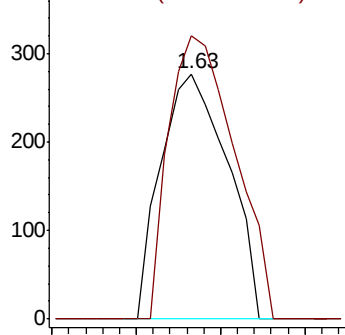
94 100

96 115.5 74.6 111.8#

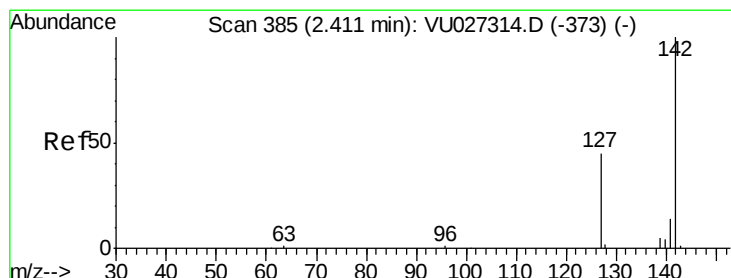
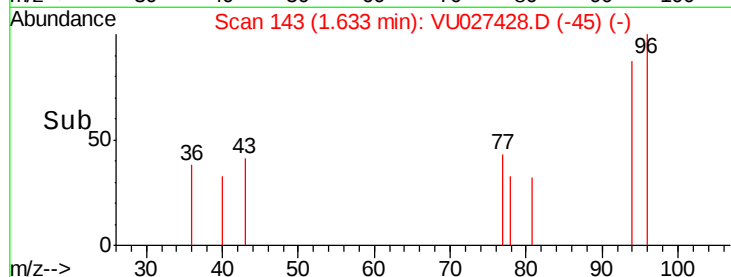


Abundance Ion 93.90 (93.60 to 94.60): VU0

Ion 95.90 (95.60 to 96.60): VU0



Time--> 1.60 1.62 1.64 1.66



#10

Methyl Iodide

Concen: 8.384 ug/l

RT: 2.41 min Scan# 386

Delta R.T. 0.00 min

Lab File: VU027428.D

Acq: 04 Oct 2018 23:07

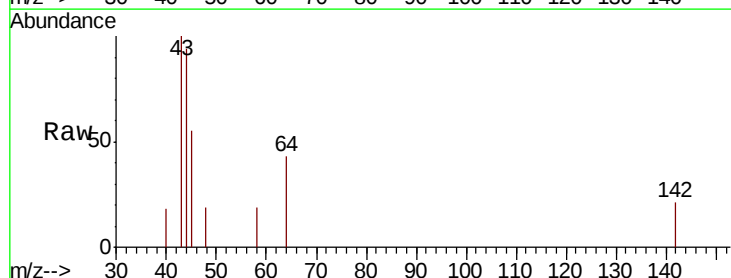
Tgt Ion: 142 Resp: 66

Ion Ratio Lower Upper

142 100

127 0.0 36.3 54.5#

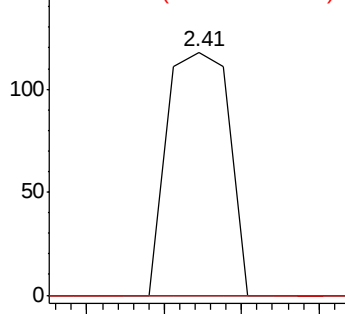
141 0.0 11.6 17.4#



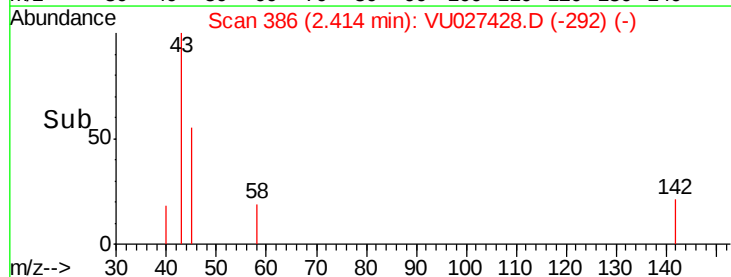
Abundance Ion 141.80 (141.50 to 142.50): V

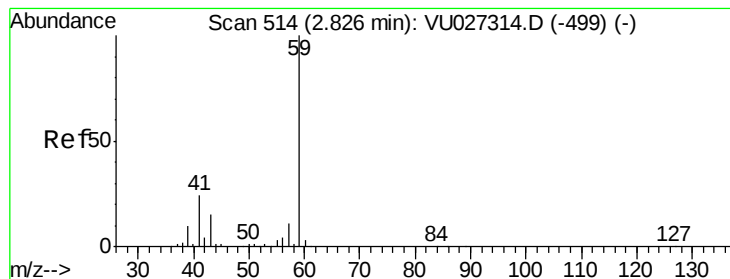
Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



Time--> 2.40 2.41 2.42 2.43





#11

Tert butyl alcohol

Concen: 8.929 ug/l

RT: 2.83 min Scan# 516

Delta R.T. 0.01 min

Lab File: VU027428.D

Acq: 04 Oct 2018 23:07

Instrument :

MSVOA_U

ClientSampleId :

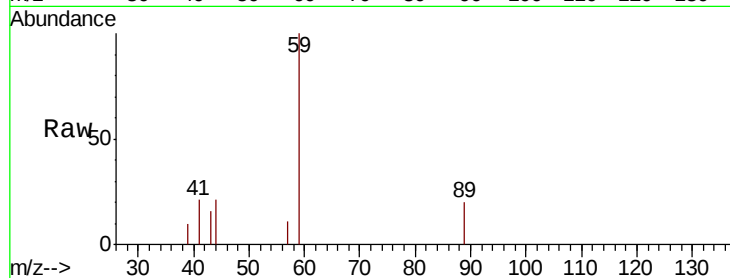
EP1-MW-F-092718

Tgt Ion: 59 Resp: 3270

Ion Ratio Lower Upper

59 100

57 5.0 8.4 12.6#



Abundance Ion 59.00 (58.70 to 59.70): VU0

Ion 57.00 (56.70 to 57.70): VU0

2.83

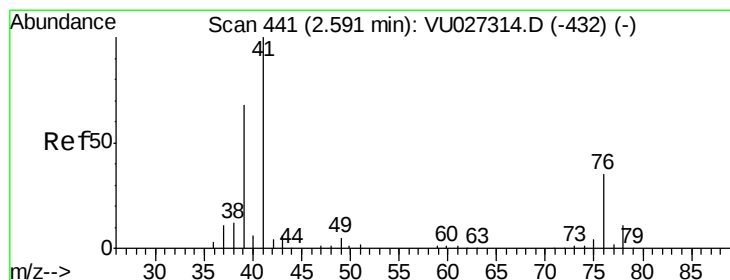
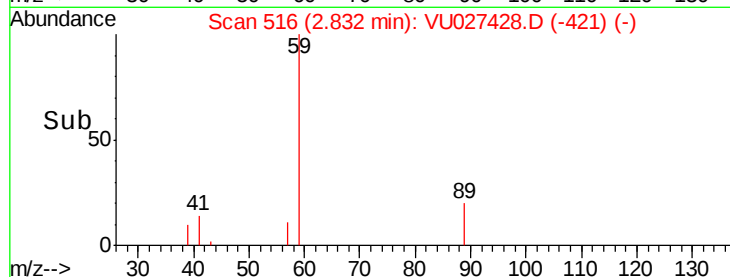
1500

1000

500

0

Time-->



#14

Allyl chloride

Concen: 0.295 ug/l

RT: 2.55 min Scan# 428

Delta R.T. -0.04 min

Lab File: VU027428.D

Acq: 04 Oct 2018 23:07

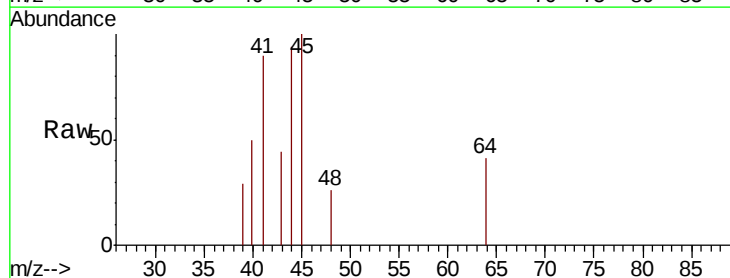
Tgt Ion: 41 Resp: 770

Ion Ratio Lower Upper

41 100

39 30.5 51.8 77.8#

76 0.0 25.9 38.9#



Abundance Ion 41.00 (40.70 to 41.70): VU0

Ion 39.00 (38.70 to 39.70): VU0

Ion 75.90 (75.60 to 76.60): VU0

6000

5000

4000

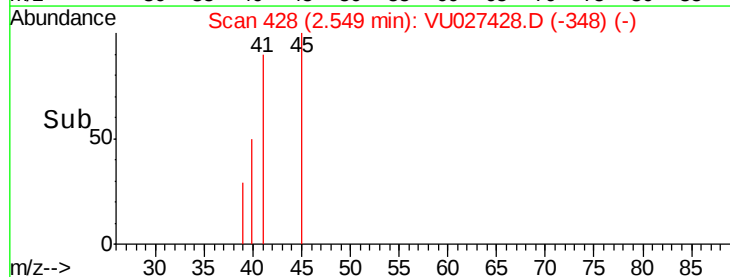
3000

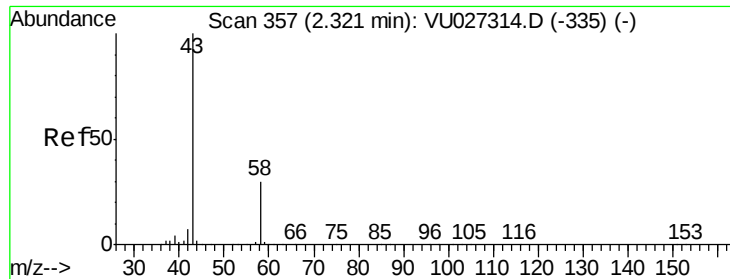
2000

1000

0

Time-->





#16

Acetone

Concen: 60.320 ug/l

RT: 2.32 min Scan# 358

Delta R.T. 0.00 min

Lab File: VU027428.D

Acq: 04 Oct 2018 23:07

Instrument :

MSVOA_U

ClientSampleId :

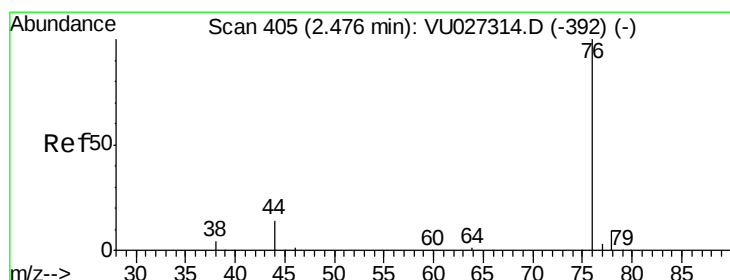
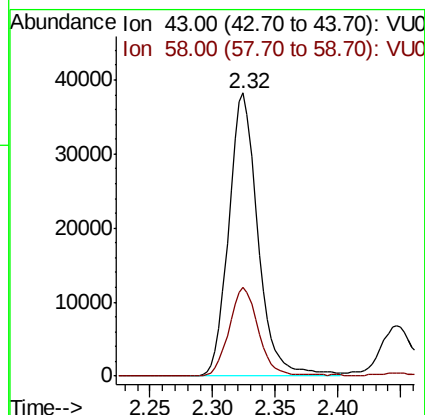
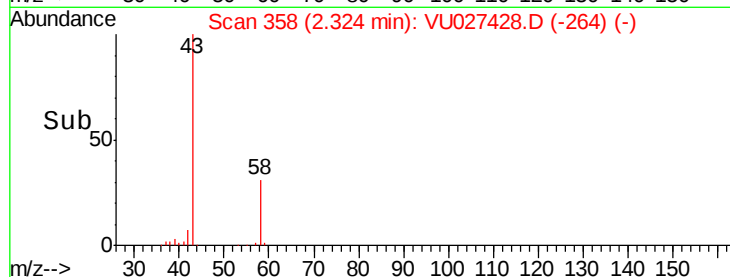
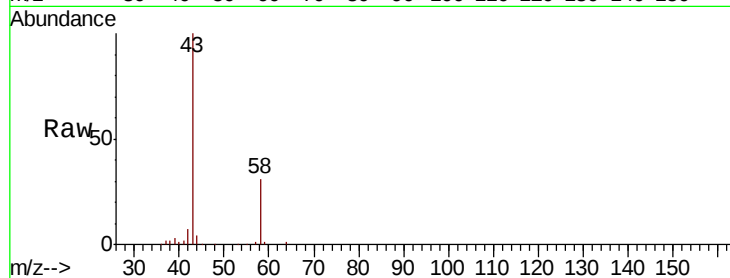
EP1-MW-F-092718

Tgt Ion: 43 Resp: 61973

Ion Ratio Lower Upper

43 100

58 31.2 24.2 36.4



#17

Carbon Disulfide

Concen: 4.006 ug/l

RT: 2.48 min Scan# 406

Delta R.T. 0.00 min

Lab File: VU027428.D

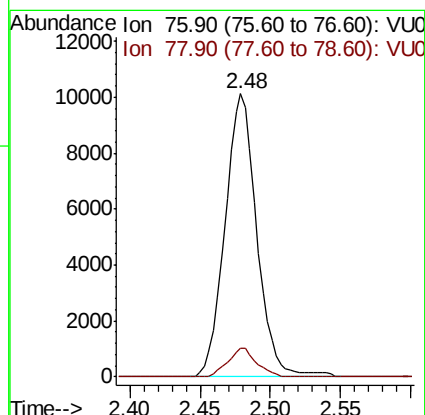
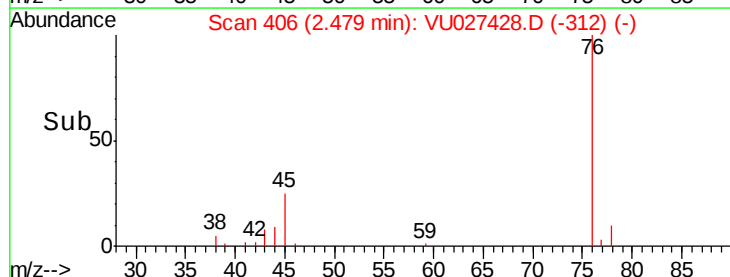
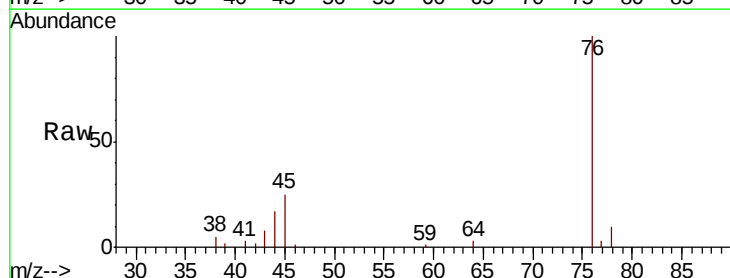
Acq: 04 Oct 2018 23:07

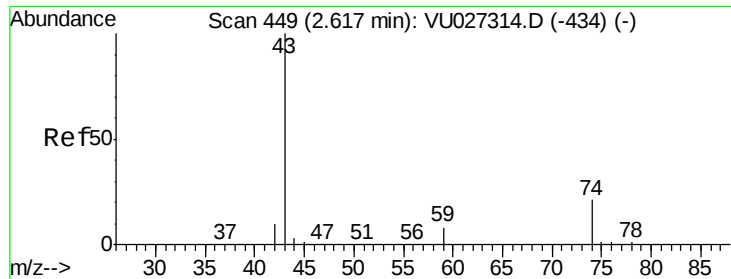
Tgt Ion: 76 Resp: 15895

Ion Ratio Lower Upper

76 100

78 10.2 7.3 10.9

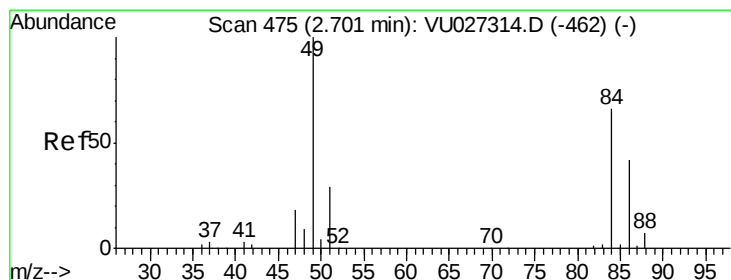
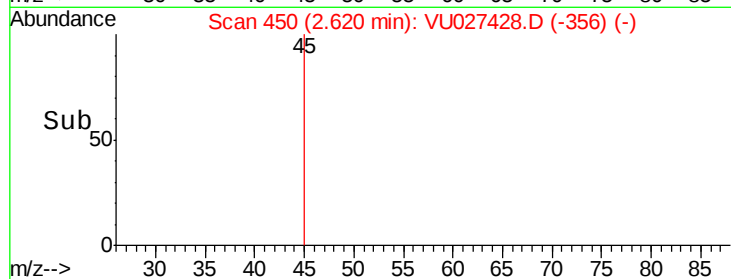
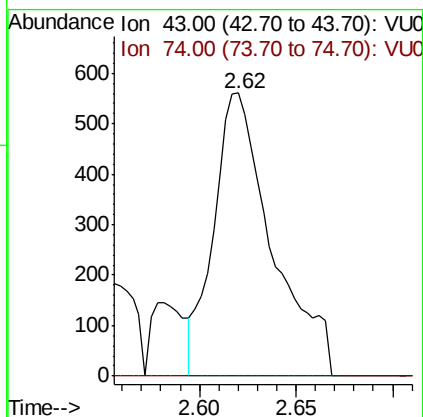
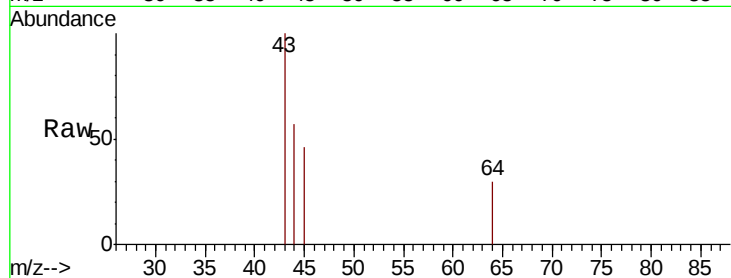




#18
Methyl Acetate
Concen: 0.503 ug/l
RT: 2.62 min Scan# 450
Delta R.T. 0.00 min
Lab File: VU027428.D
Acq: 04 Oct 2018 23:07

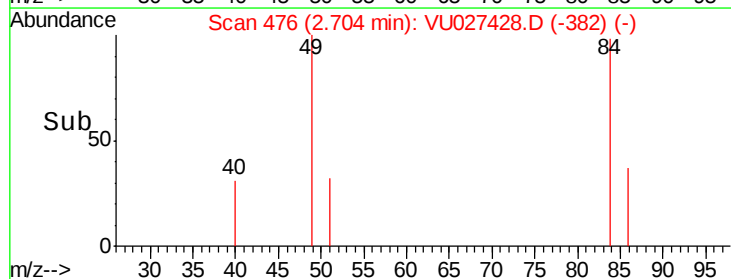
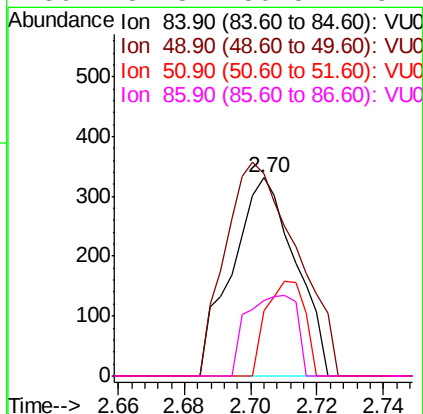
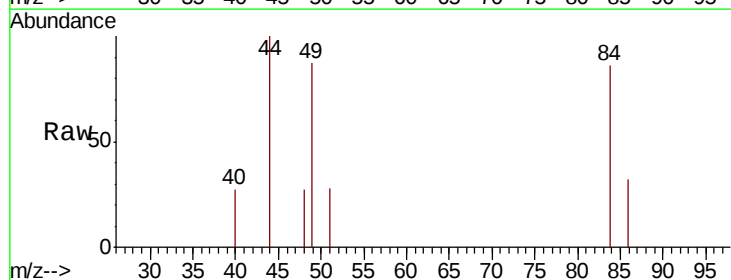
Instrument :
MSVOA_U
ClientSampleId :
EP1-MW-F-092718

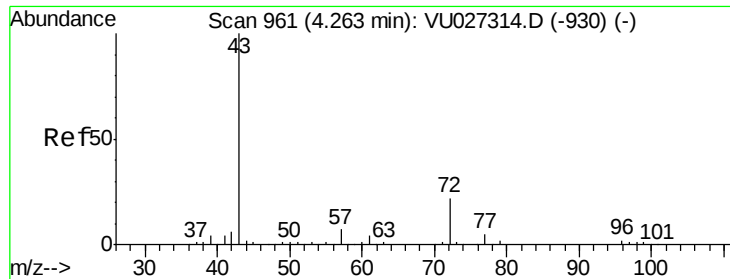
Tgt Ion: 43 Resp: 1180
Ion Ratio Lower Upper
43 100
74 0.0 16.5 24.7#



#20
Methylene Chloride
Concen: 0.306 ug/l
RT: 2.70 min Scan# 476
Delta R.T. 0.00 min
Lab File: VU027428.D
Acq: 04 Oct 2018 23:07

Tgt Ion: 84 Resp: 438
Ion Ratio Lower Upper
84 100
49 102.1 120.5 180.7#
51 32.9 35.1 52.7#
86 37.8 50.5 75.7#





#25

2-Butanone

Concen: 7.390 ug/l

RT: 4.27 min Scan# 964

Delta R.T. 0.01 min

Lab File: VU027428.D

Acq: 04 Oct 2018 23:07

Instrument :

MSVOA_U

ClientSampleId :

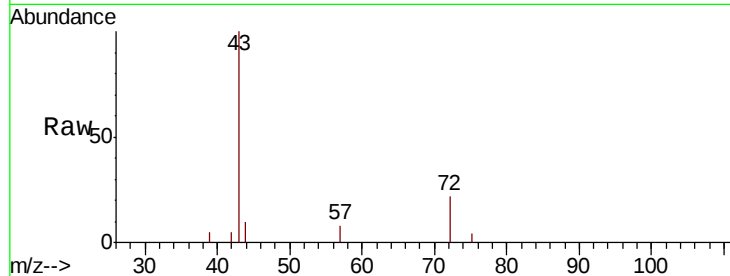
EP1-MW-F-092718

Tgt Ion: 43 Resp: 10353

Ion Ratio Lower Upper

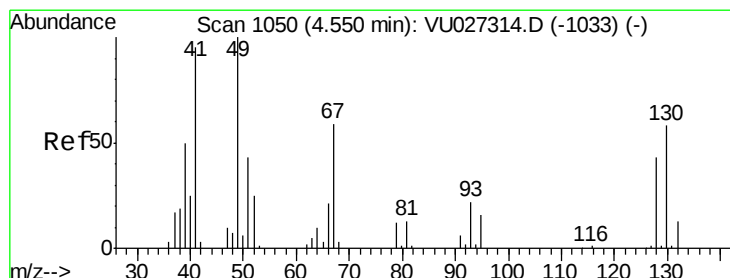
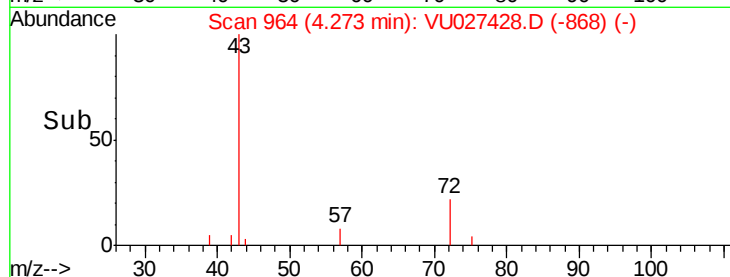
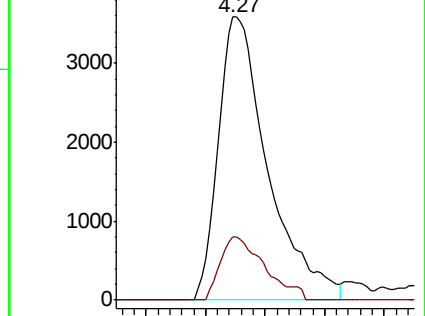
43 100

72 22.3 17.8 26.6



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 72.00 (71.70 to 72.70): VU0



#28

Bromochloromethane

Concen: 0.239 ug/l

RT: 4.68 min Scan# 1090

Delta R.T. 0.13 min

Lab File: VU027428.D

Acq: 04 Oct 2018 23:07

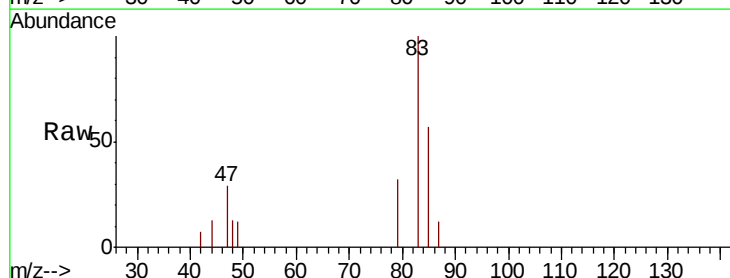
Tgt Ion: 49 Resp: 315

Ion Ratio Lower Upper

49 100

129 0.0 0.0 3.0

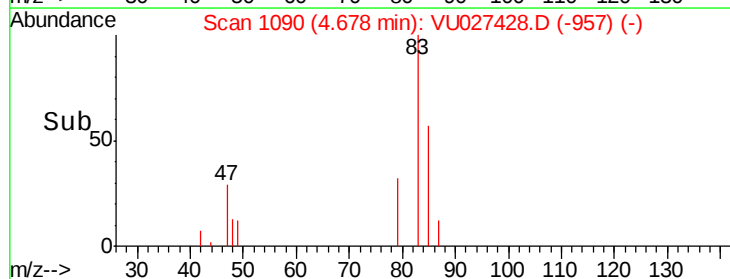
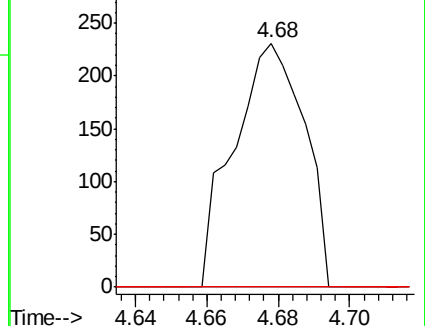
130 0.0 46.1 69.1#

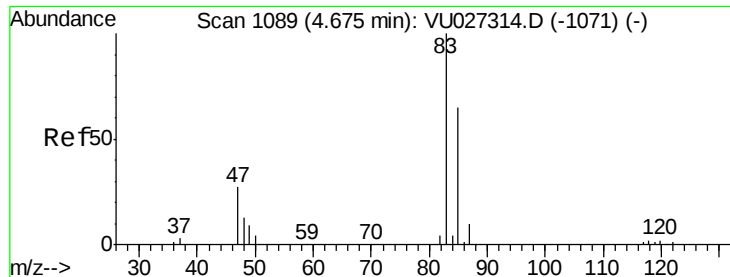


Abundance Ion 48.90 (48.60 to 49.60): VU0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





#30

Chloroform

Concen: 1.766 ug/l

RT: 4.68 min Scan# 1090

Delta R.T. 0.00 min

Lab File: VU027428.D

Acq: 04 Oct 2018 23:07

Instrument :

MSVOA_U

ClientSampleId :

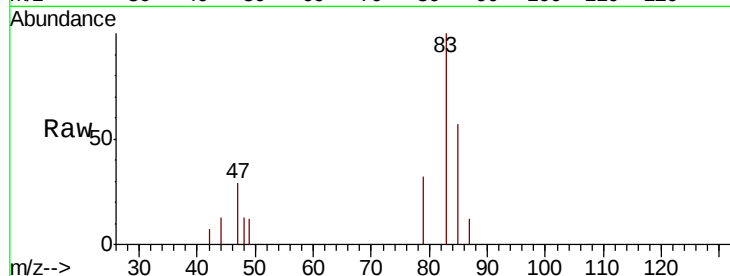
EP1-MW-F-092718

Tgt Ion: 83 Resp: 4284

Ion Ratio Lower Upper

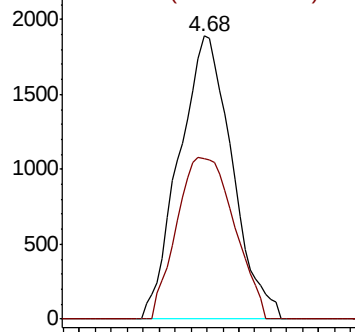
83 100

85 56.8 51.8 77.6

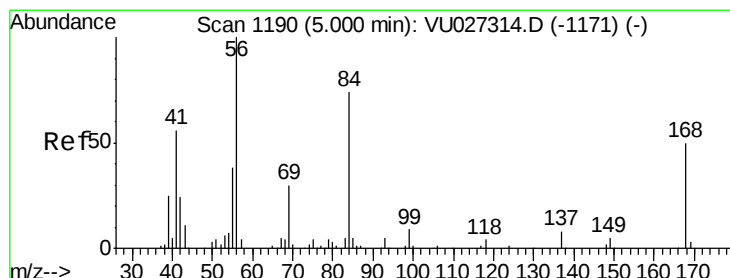
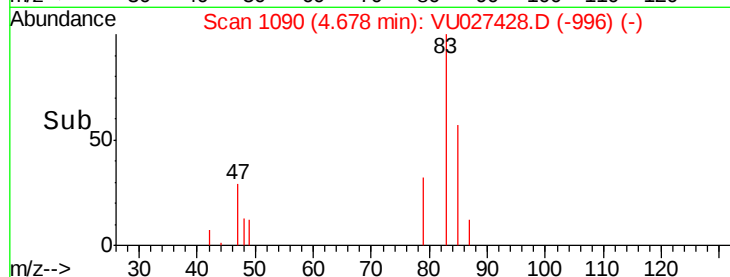


Abundance Ion 82.90 (82.60 to 83.60): VU0

Ion 84.90 (84.60 to 85.60): VU0



Time-->



#31

Cyclohexane

Concen: 0.604 ug/l

RT: 4.99 min Scan# 1186

Delta R.T. -0.01 min

Lab File: VU027428.D

Acq: 04 Oct 2018 23:07

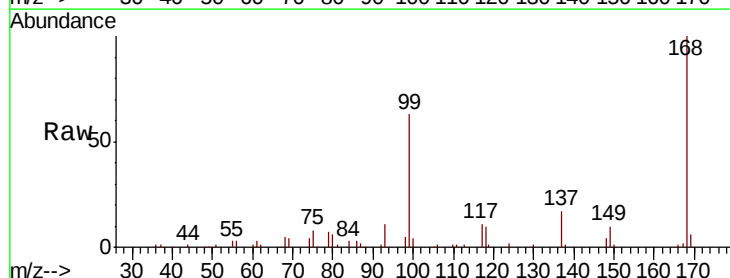
Tgt Ion: 56 Resp: 2339

Ion Ratio Lower Upper

56 100

69 147.1 24.1 36.1#

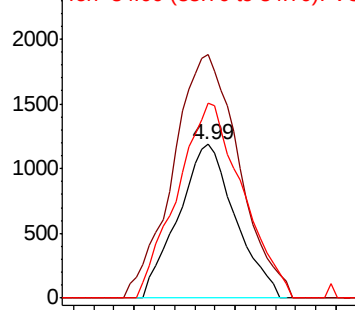
84 126.4 59.1 88.7#



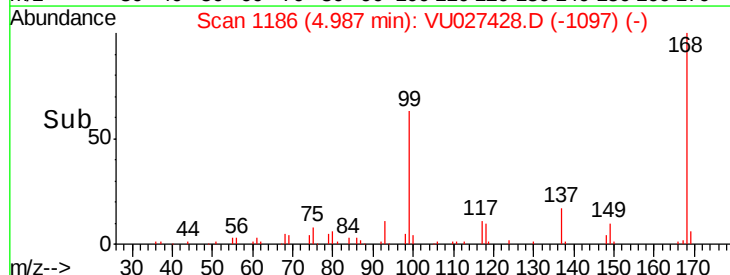
Abundance Ion 56.00 (55.70 to 56.70): VU0

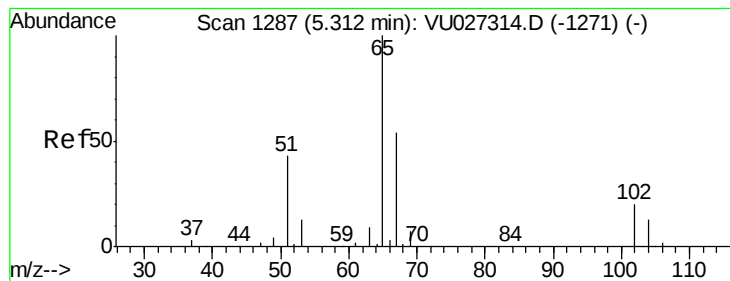
Ion 69.00 (68.70 to 69.70): VU0

Ion 84.00 (83.70 to 84.70): VU0



Time-->





#33

1,2-Dichloroethane-d4

Concen: 60.144 ug/l

RT: 5.31 min Scan# 1287

Delta R.T. 0.00 min

Lab File: VU027428.D

Acq: 04 Oct 2018 23:07

Instrument :

MSVOA_U

ClientSampleId :

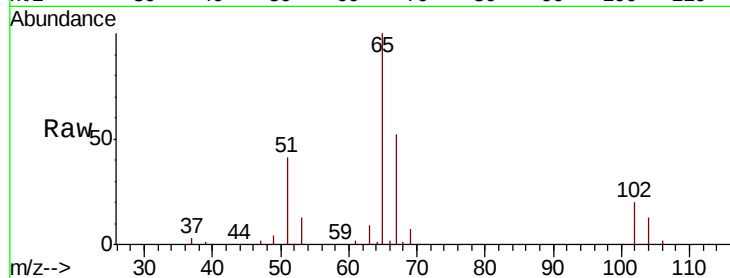
EP1-MW-F-092718

Tgt Ion: 65 Resp: 104598

Ion Ratio Lower Upper

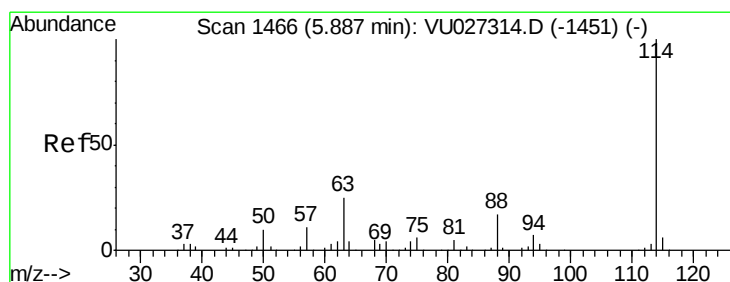
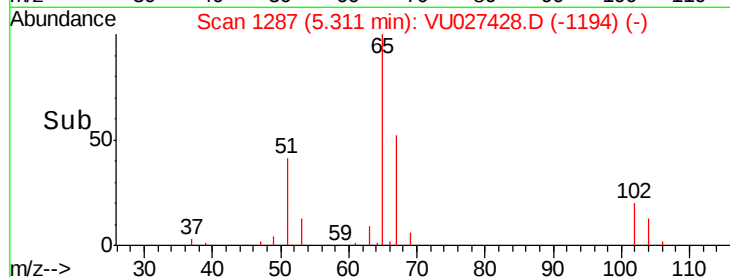
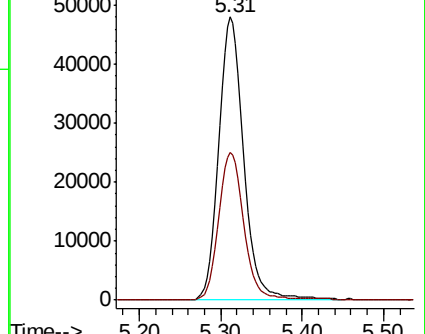
65 100

67 52.6 0.0 107.8



Abundance Ion 64.90 (64.60 to 65.60): VU0

Ion 66.90 (66.60 to 67.60): VU0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.89 min Scan# 1467

Delta R.T. 0.00 min

Lab File: VU027428.D

Acq: 04 Oct 2018 23:07

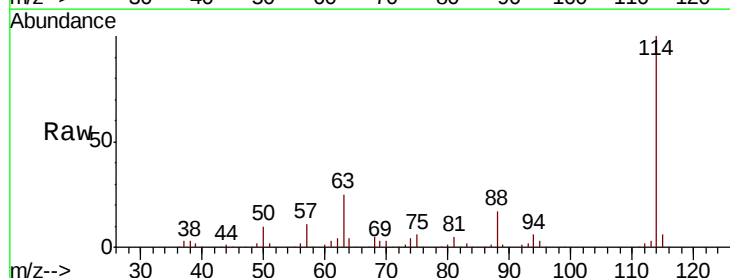
Tgt Ion: 114 Resp: 185464

Ion Ratio Lower Upper

114 100

63 24.8 0.0 50.2

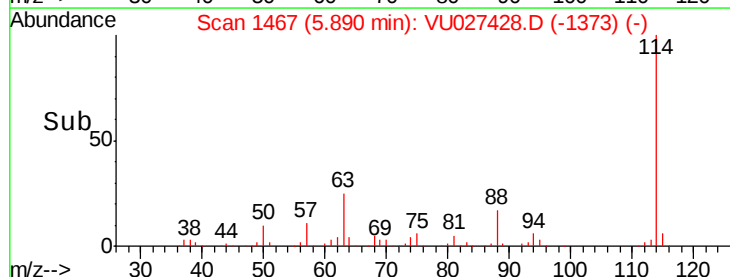
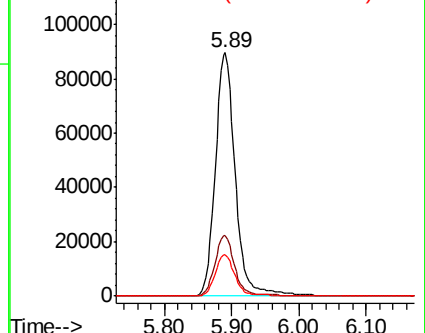
88 17.2 0.0 33.8

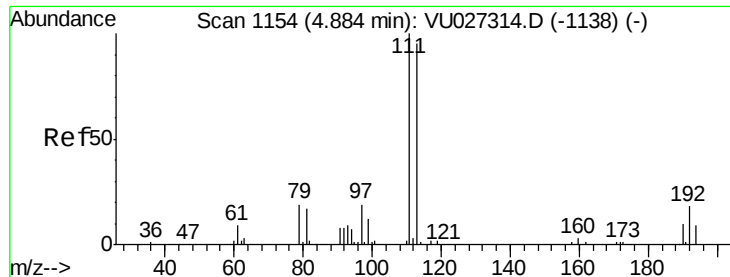


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VU0

Ion 87.90 (87.60 to 88.60): VU0





#35

Dibromofluoromethane

Concen: 55.156 ug/l

RT: 4.89 min Scan# 1155

Delta R.T. 0.00 min

Lab File: VU027428.D

Acq: 04 Oct 2018 23:07

Instrument :
MSVOA_U
ClientSampleId :
EP1-MW-F-092718

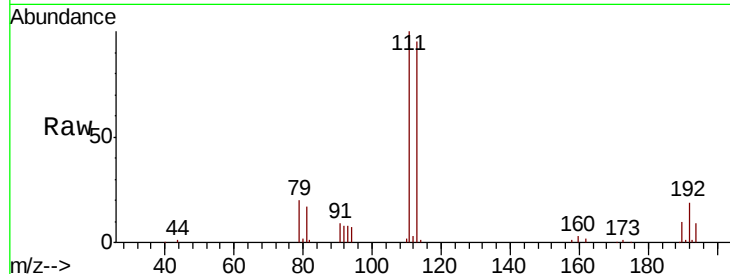
Tgt Ion:113 Resp: 70106

Ion Ratio Lower Upper

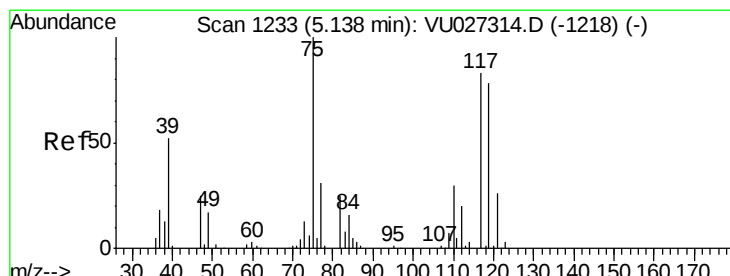
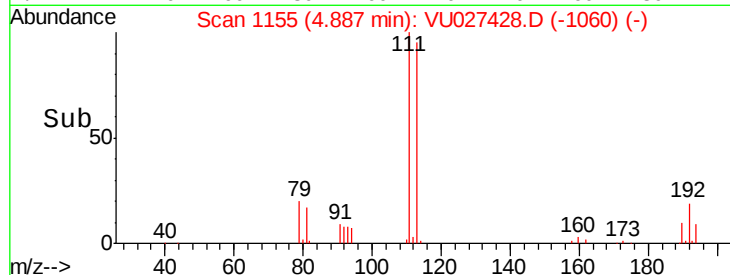
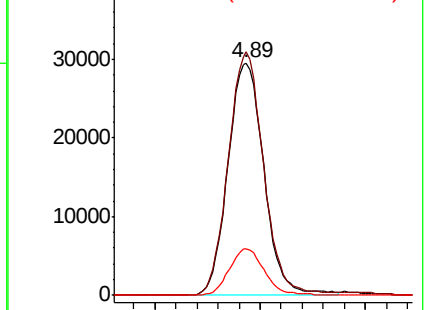
113 100

111 103.6 83.1 124.7

192 19.4 15.4 23.0



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: 4.397 ug/l

RT: 4.98 min Scan# 1185

Delta R.T. -0.15 min

Lab File: VU027428.D

Acq: 04 Oct 2018 23:07

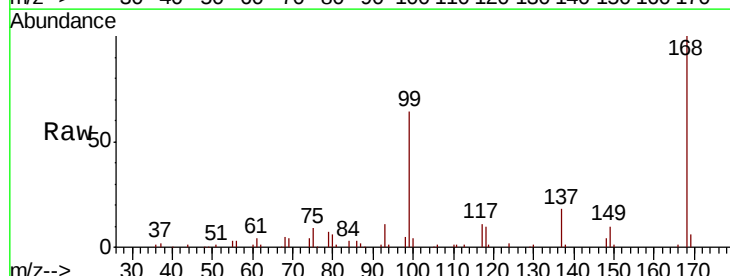
Tgt Ion: 75 Resp: 8855

Ion Ratio Lower Upper

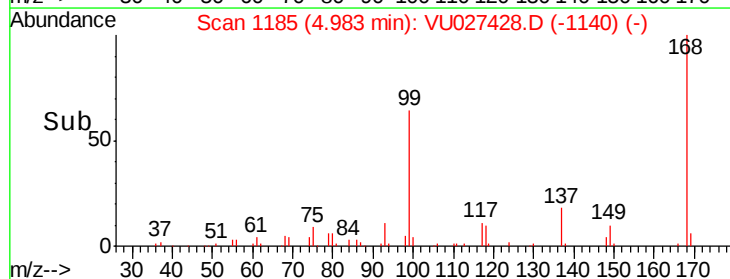
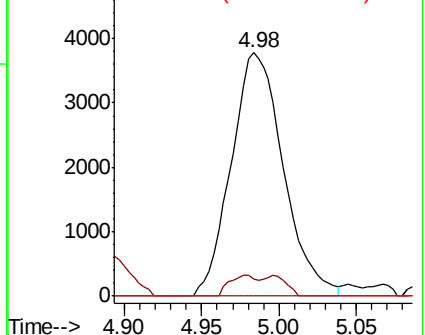
75 100

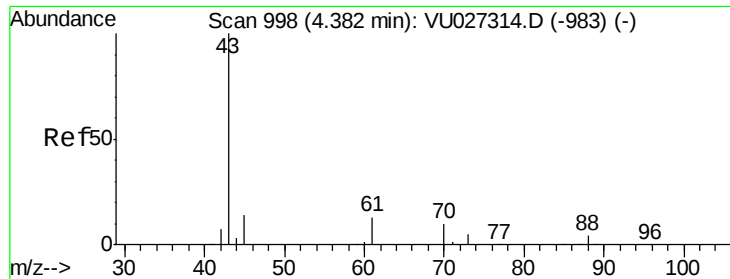
110 4.5 15.5 46.5#

77 0.0 25.4 38.0#



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

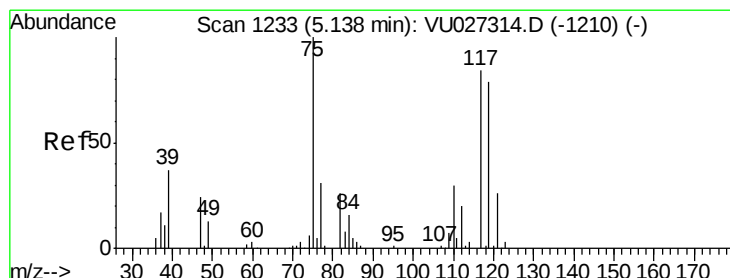
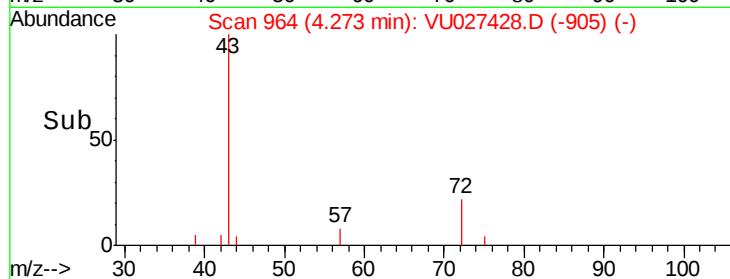
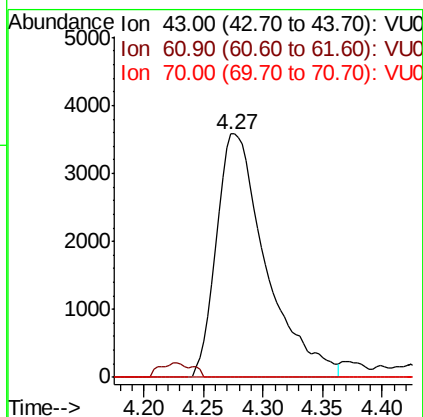
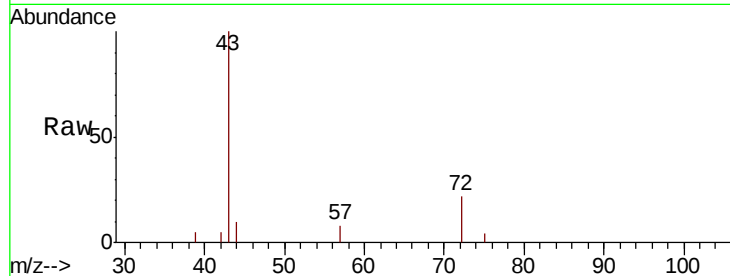




#37
Ethyl Acetate
Concen: 3.978 ug/l
RT: 4.27 min Scan# 964
Delta R.T. -0.11 min
Lab File: VU027428.D
Acq: 04 Oct 2018 23:07

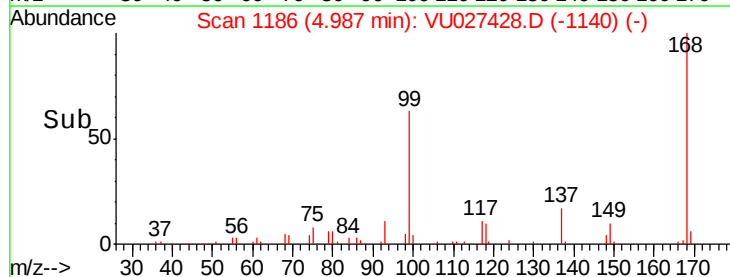
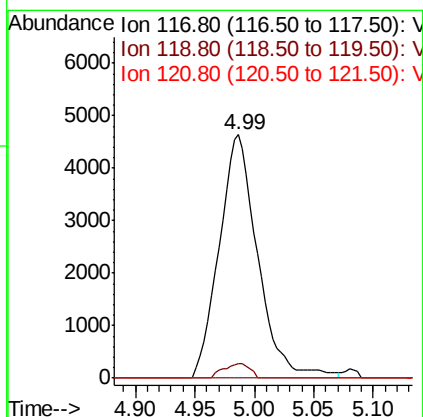
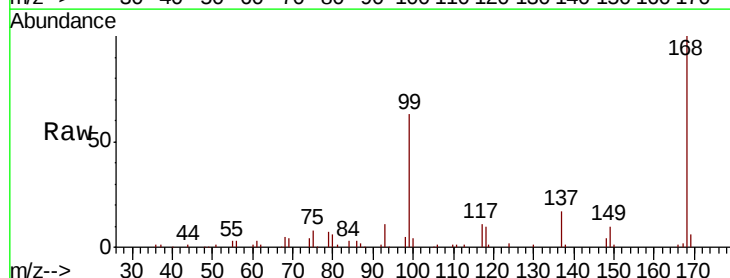
Instrument :
MSVOA_U
ClientSampleId :
EP1-MW-F-092718

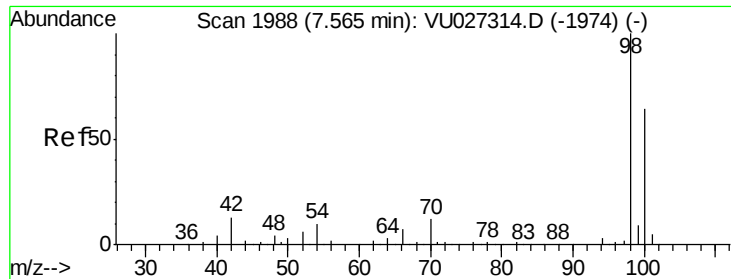
Tgt Ion: 43 Resp: 10353
Ion Ratio Lower Upper
43 100
61 0.0 10.7 16.1#
70 0.0 7.4 11.2#



#38
Carbon Tetrachloride
Concen: 5.732 ug/l
RT: 4.99 min Scan# 1186
Delta R.T. -0.15 min
Lab File: VU027428.D
Acq: 04 Oct 2018 23:07

Tgt Ion: 117 Resp: 10427
Ion Ratio Lower Upper
117 100
119 5.9 74.5 111.7#
121 0.0 24.6 37.0#





#50

Toluene-d8

Concen: 59.915 ug/l

RT: 7.57 min Scan# 1989

Delta R.T. 0.00 min

Lab File: VU027428.D

Acq: 04 Oct 2018 23:07

Instrument :

MSVOA_U

ClientSampleId :

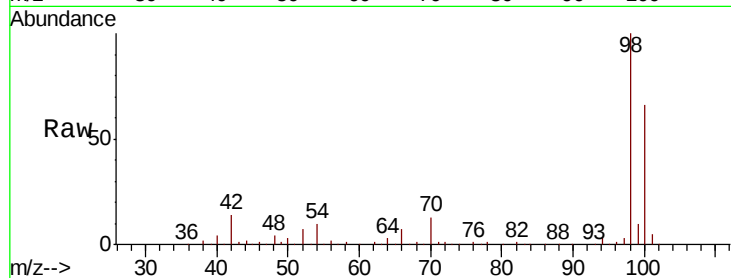
EP1-MW-F-092718

Tgt Ion: 98 Resp: 285022

Ion Ratio Lower Upper

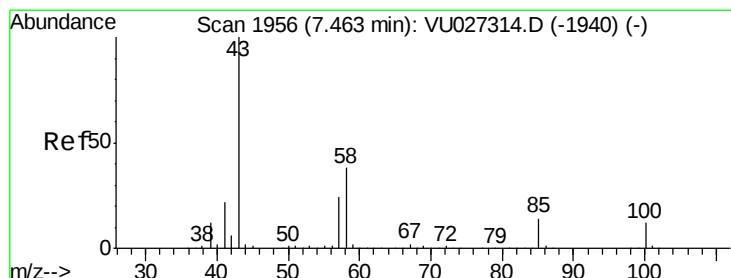
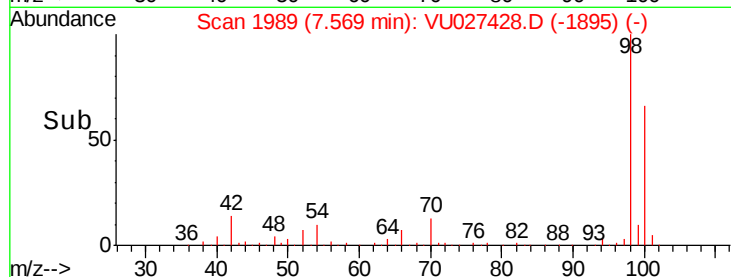
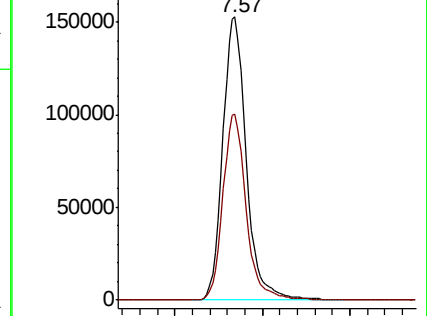
98 100

100 65.2 52.1 78.1



Abundance Ion 98.00 (97.70 to 98.70): VU0

Ion 100.00 (99.70 to 100.70): VU



#51

4-Methyl-2-Pentanone

Concen: 0.840 ug/l

RT: 7.47 min Scan# 1958

Delta R.T. 0.01 min

Lab File: VU027428.D

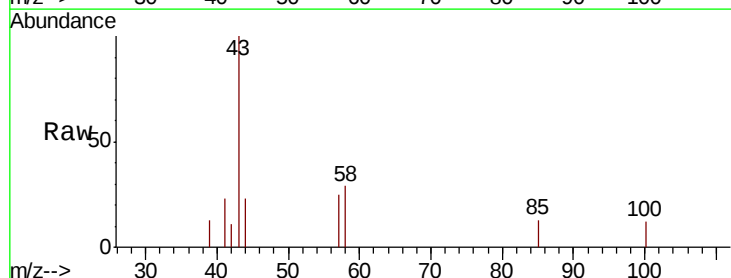
Acq: 04 Oct 2018 23:07

Tgt Ion: 43 Resp: 2207

Ion Ratio Lower Upper

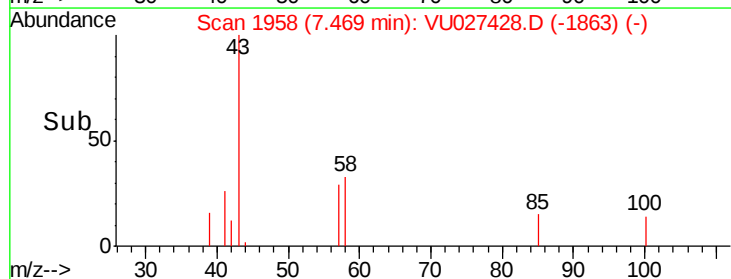
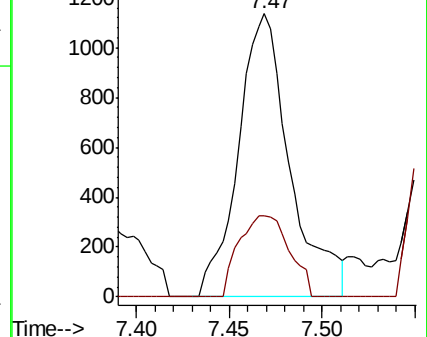
43 100

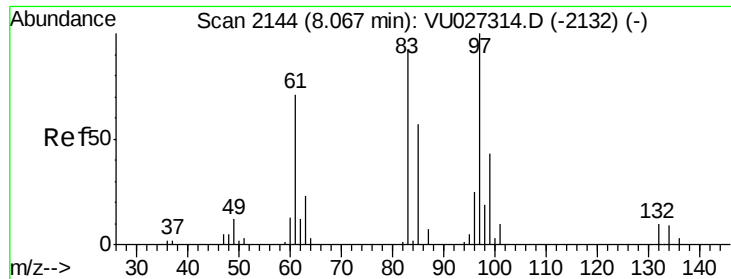
58 28.0 29.8 44.8#



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

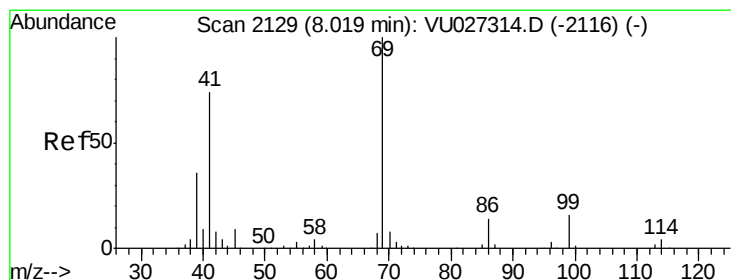
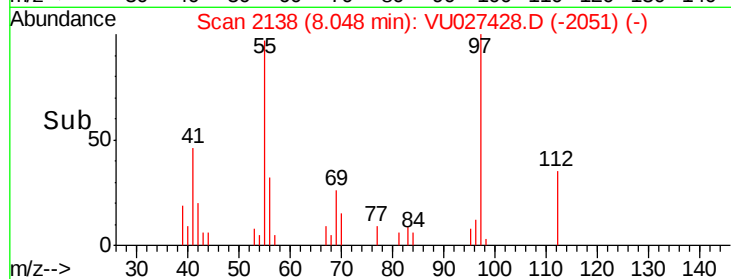
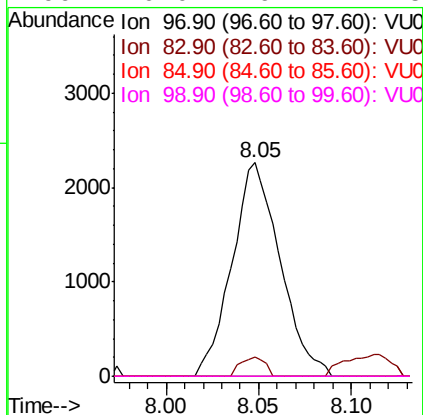
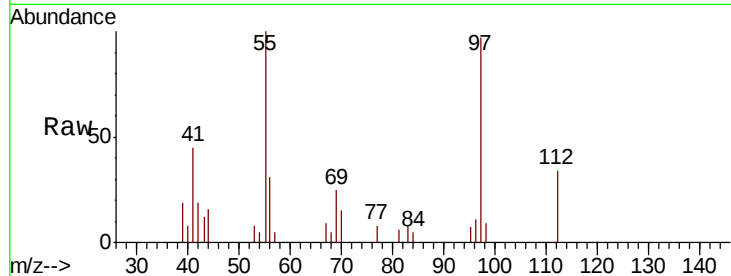




#55
 1,1,2-Trichloroethane
 Concen: 2.960 ug/l
 RT: 8.05 min Scan# 2138
 Delta R.T. -0.02 min
 Lab File: VU027428.D
 Acq: 04 Oct 2018 23:07

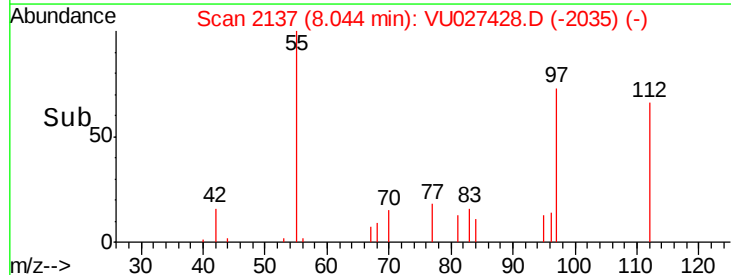
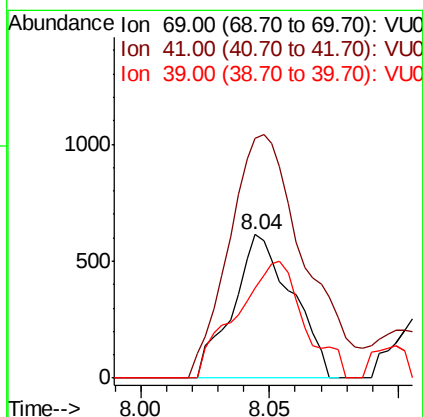
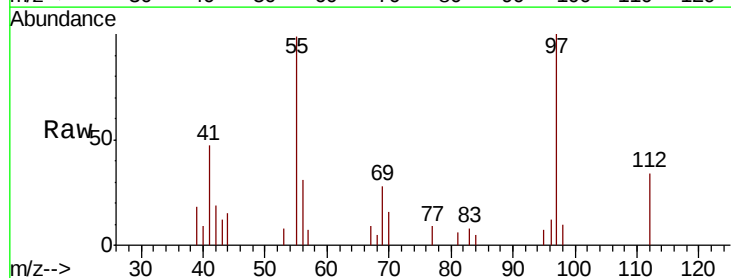
Instrument :
 MSVOA_U
 ClientSampleId :
 EP1-MW-F-092718

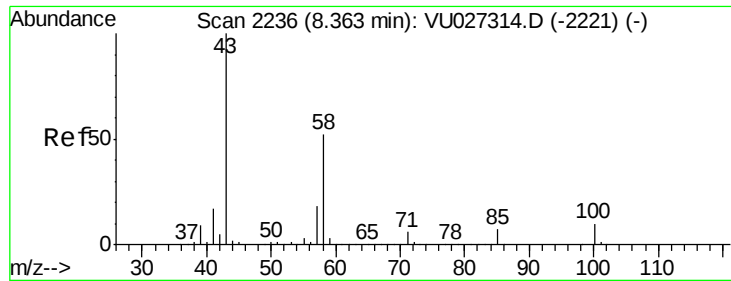
Tgt Ion: 97 Resp: 4075
 Ion Ratio Lower Upper
 97 100
 83 8.7 73.0 109.6#
 85 0.0 47.3 70.9#
 99 0.0 49.7 74.5#



#56
 Ethyl methacrylate
 Concen: 2.626 ug/l
 RT: 8.04 min Scan# 2137
 Delta R.T. 0.03 min
 Lab File: VU027428.D
 Acq: 04 Oct 2018 23:07

Tgt Ion: 69 Resp: 980
 Ion Ratio Lower Upper
 69 100
 41 216.2 60.0 90.0#
 39 93.0 29.5 44.3#

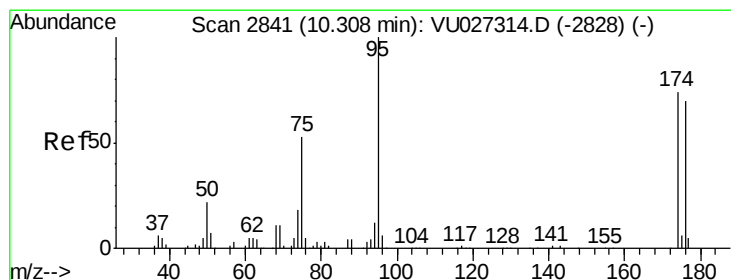
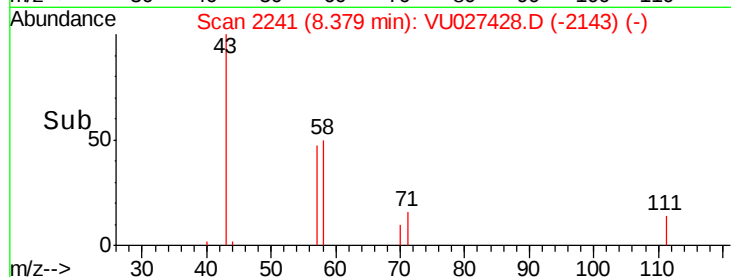
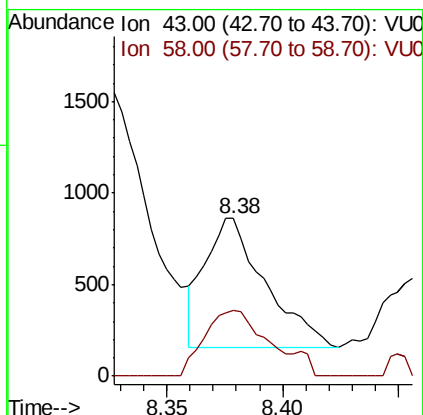
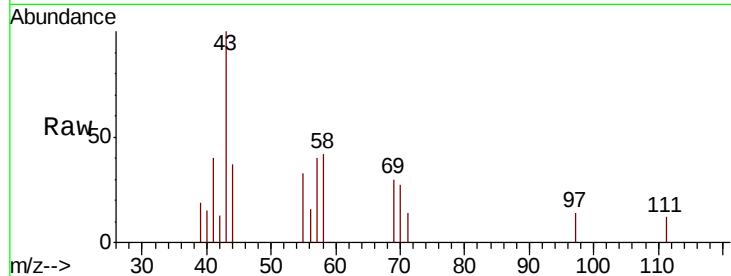




#59
2-Hexanone
Concen: 0.622 ug/l
RT: 8.38 min Scan# 2241
Delta R.T. 0.02 min
Lab File: VU027428.D
Acq: 04 Oct 2018 23:07

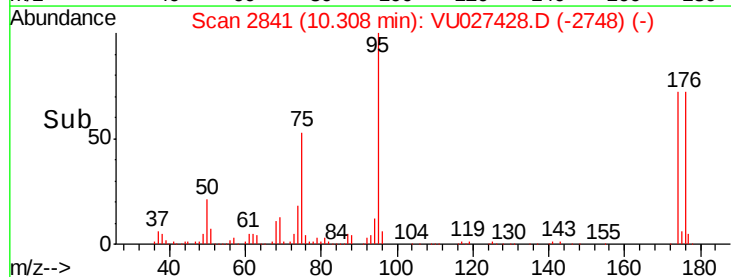
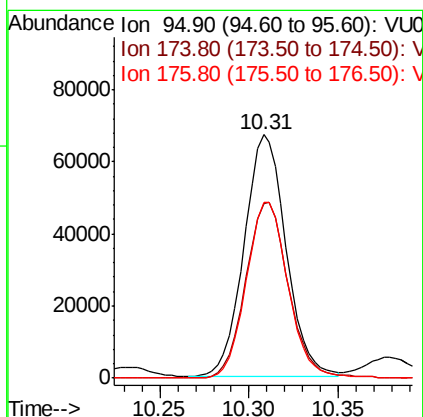
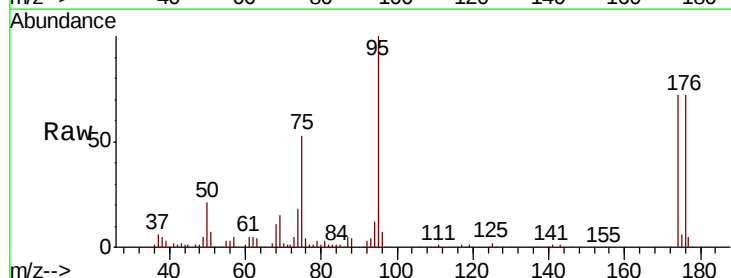
Instrument :
MSVOA_U
ClientSampleId :
EP1-MW-F-092718

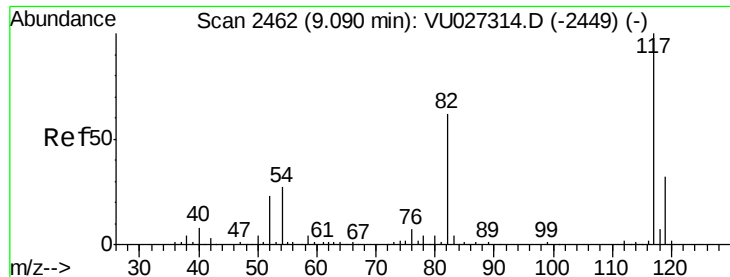
Tgt Ion: 43 Resp: 1268
Ion Ratio Lower Upper
43 100
58 56.1 26.1 78.3



#62
4-Bromofluorobenzene
Concen: 62.632 ug/l
RT: 10.31 min Scan# 2841
Delta R.T. 0.00 min
Lab File: VU027428.D
Acq: 04 Oct 2018 23:07

Tgt Ion: 95 Resp: 110729
Ion Ratio Lower Upper
95 100
174 73.8 0.0 147.8
176 72.4 0.0 140.8

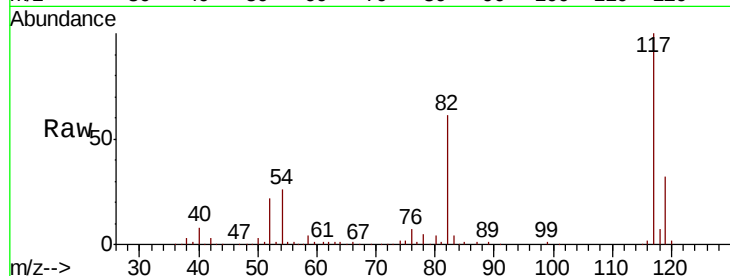




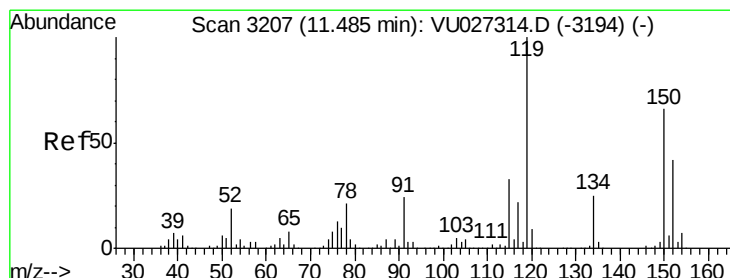
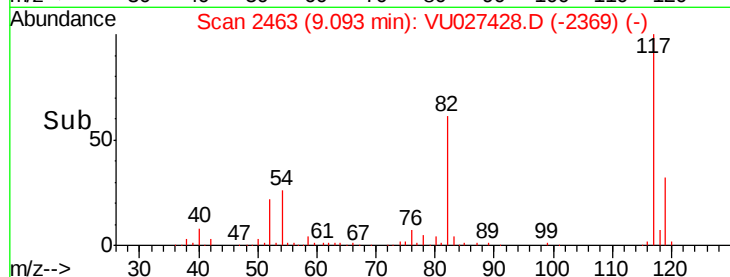
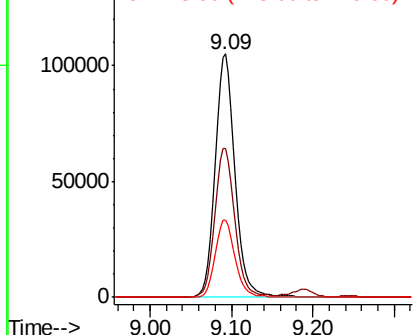
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2463
Delta R.T. 0.00 min
Lab File: VU027428.D
Acq: 04 Oct 2018 23:07

Instrument :
MSVOA_U
ClientSampleId :
EP1-MW-F-092718

Tgt Ion:117 Resp: 181271
Ion Ratio Lower Upper
117 100
82 60.9 49.2 73.8
119 31.8 25.7 38.5

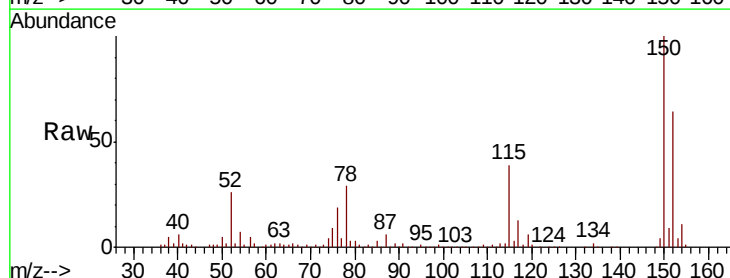


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VU0
Ion 118.90 (118.60 to 119.60): V

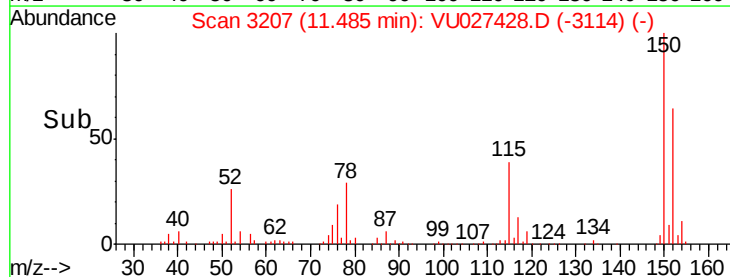
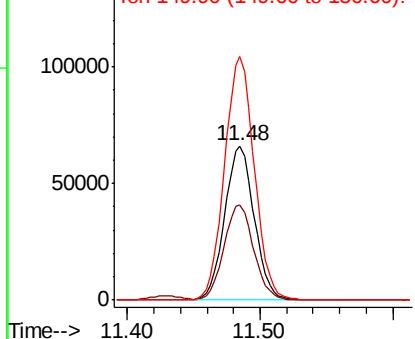


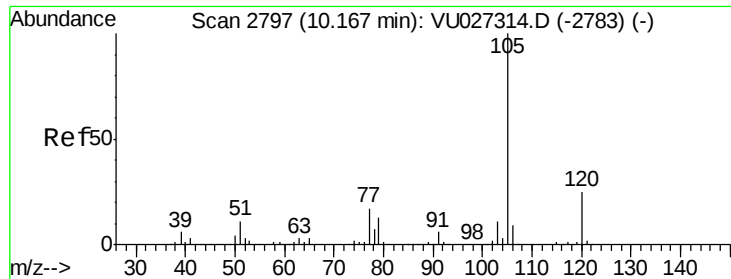
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.48 min Scan# 3207
Delta R.T. -0.00 min
Lab File: VU027428.D
Acq: 04 Oct 2018 23:07

Tgt Ion:152 Resp: 102394
Ion Ratio Lower Upper
152 100
115 62.3 43.4 130.2
150 158.9 0.0 349.2



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





#73

Isopropylbenzene

Concen: 0.925 ug/l

RT: 10.17 min Scan# 2797

Delta R.T. -0.00 min

Lab File: VU027428.D

Acq: 04 Oct 2018 23:07

Instrument :

MSVOA_U

ClientSampleId :

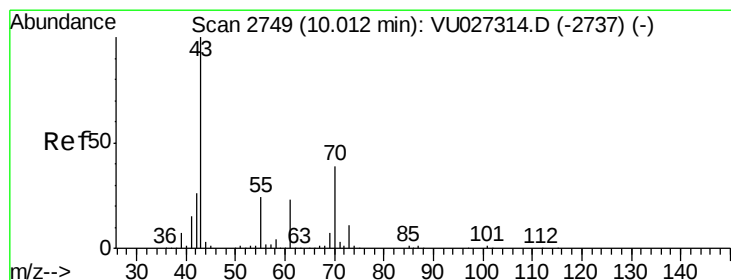
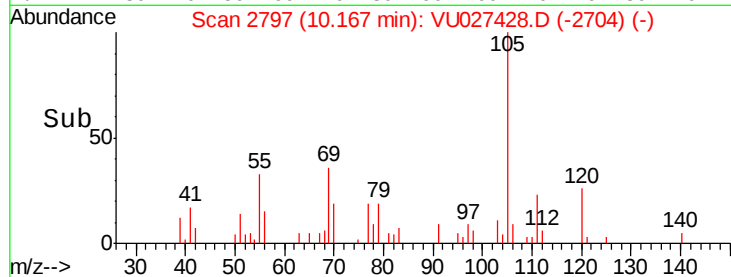
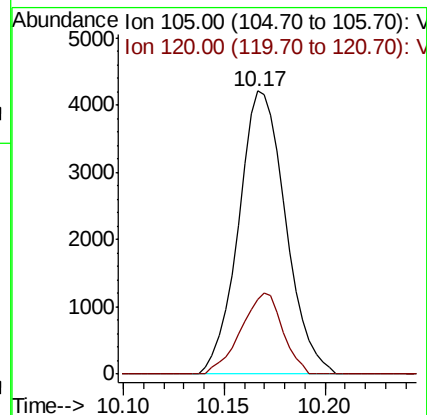
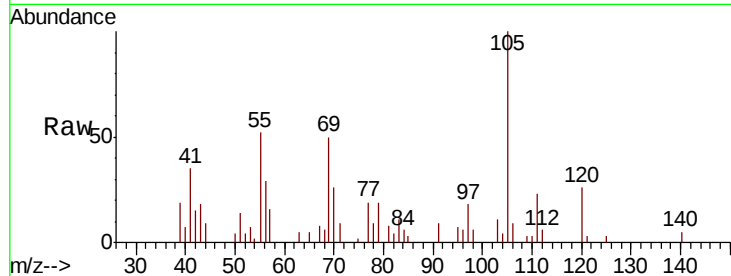
EP1-MW-F-092718

Tgt Ion: 105 Resp: 6880

Ion Ratio Lower Upper

105 100

120 25.4 12.6 37.8



#74

N-ethyl acetate

Concen: 0.294 ug/l

RT: 10.01 min Scan# 2749

Delta R.T. -0.00 min

Lab File: VU027428.D

Acq: 04 Oct 2018 23:07

Tgt Ion: 43 Resp: 1253

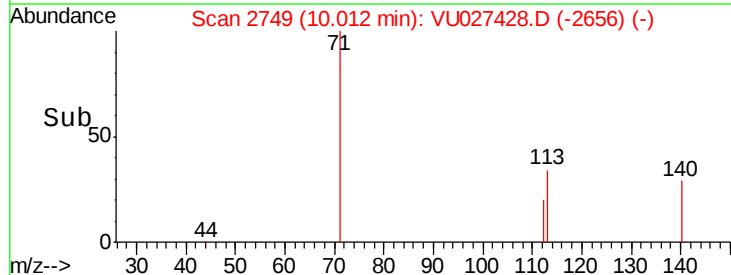
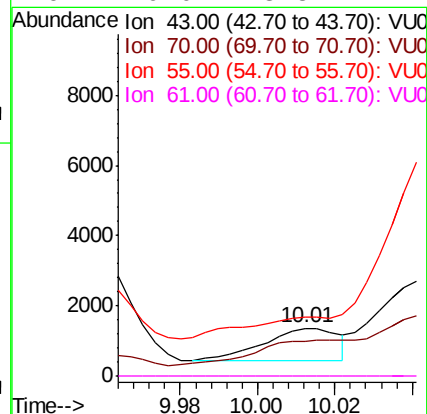
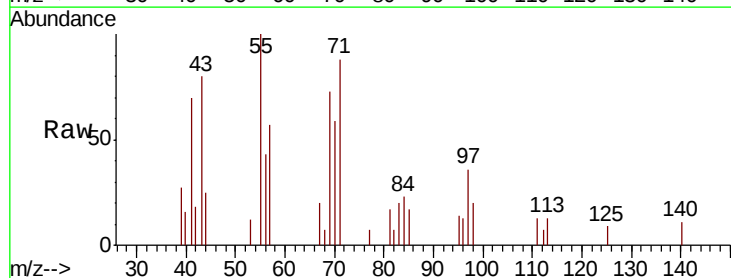
Ion Ratio Lower Upper

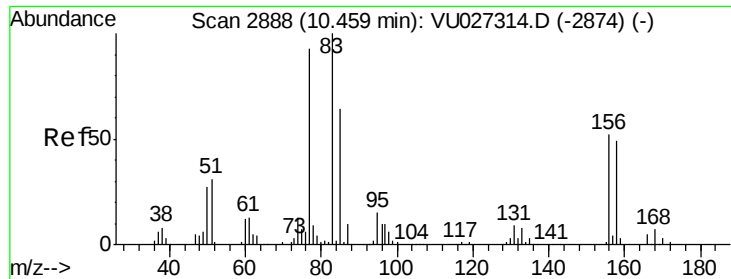
43 100

70 0.0 31.3 46.9#

55 0.0 19.0 28.6#

61 0.0 18.5 27.7#





#75

1,1,2,2-Tetrachloroethane

Concen: 0.306 ug/l

RT: 10.31 min Scan# 2842

Delta R.T. -0.15 min

Lab File: VU027428.D

Acq: 04 Oct 2018 23:07

Instrument :

MSVOA_U

ClientSampleId :

EP1-MW-F-092718

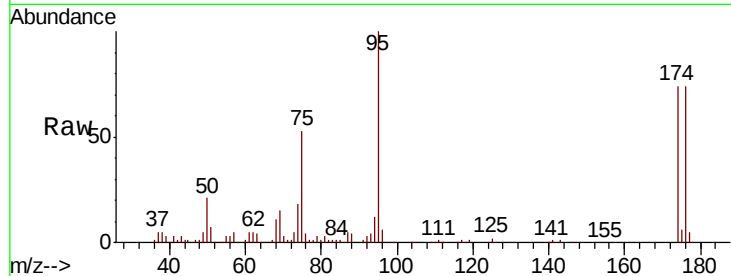
Tgt Ion: 83 Resp: 894

Ion Ratio Lower Upper

83 100

131 10.4 4.4 13.2

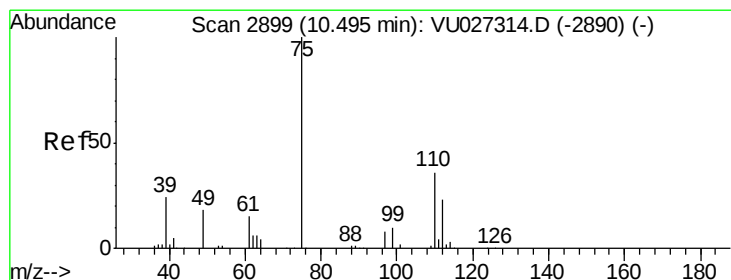
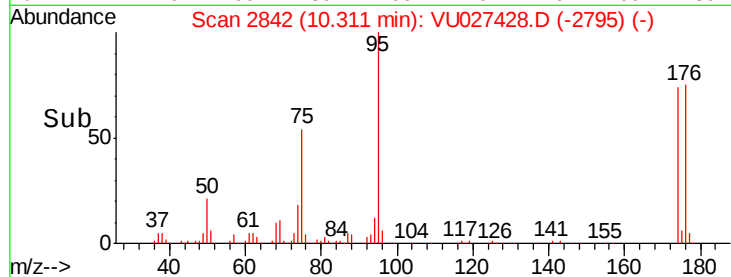
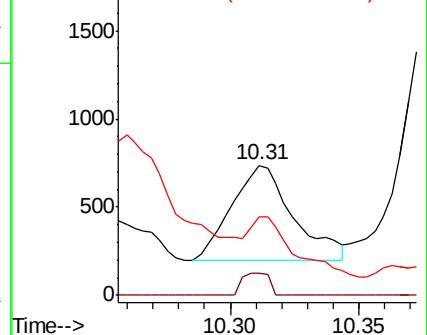
85 76.5 32.0 96.0



Abundance Ion 82.90 (82.60 to 83.60): VU027314.D (-2874) (-)

Ion 130.80 (130.50 to 131.50): VU027314.D (-2874) (-)

Ion 84.90 (84.60 to 85.60): VU027314.D (-2874) (-)



#76

1,2,3-Trichloropropane

Concen: 22.241 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. -0.19 min

Lab File: VU027428.D

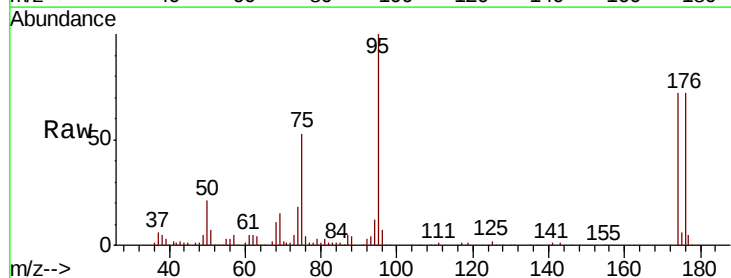
Acq: 04 Oct 2018 23:07

Tgt Ion: 75 Resp: 59033

Ion Ratio Lower Upper

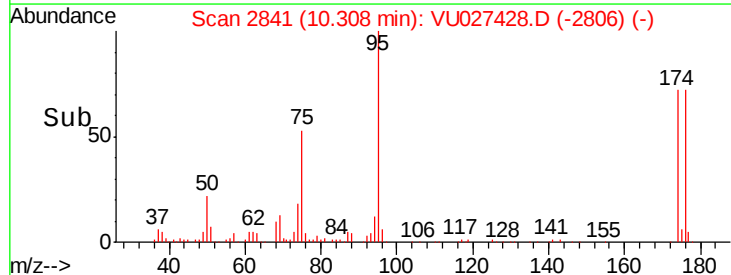
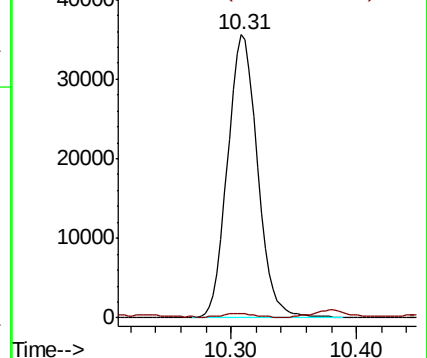
75 100

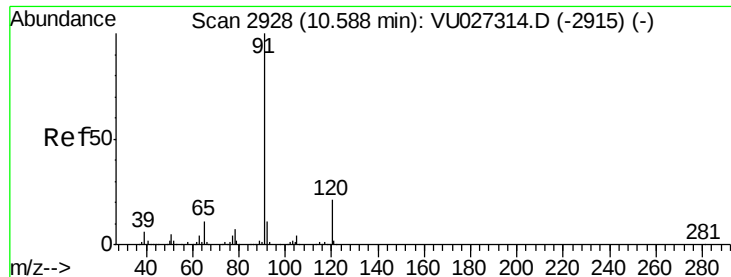
77 1.9 20.3 60.9#



Abundance Ion 74.90 (74.60 to 75.60): VU027314.D (-2890) (-)

Ion 77.00 (76.70 to 77.70): VU027314.D (-2890) (-)





#78

n-propylbenzene

Concen: 1.207 ug/l

RT: 10.59 min Scan# 2929

Delta R.T. 0.00 min

Lab File: VU027428.D

Acq: 04 Oct 2018 23:07

Instrument :

MSVOA_U

ClientSampleId :

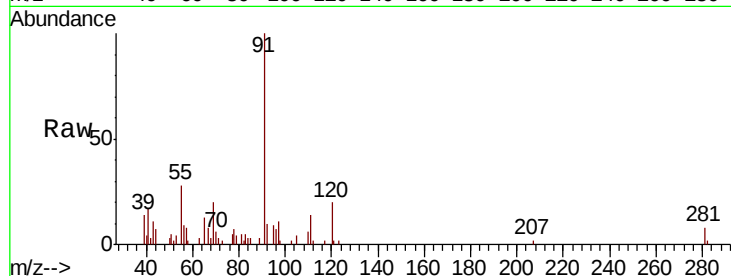
EP1-MW-F-092718

Tgt Ion: 91 Resp: 10787

Ion Ratio Lower Upper

91 100

120 19.4 10.6 31.8



Abundance Ion 91.00 (90.70 to 91.70): VU027314.D (-2915) (-)

Ion 120.00 (119.70 to 120.70): VU027314.D (-2915) (-)

10.59

6000

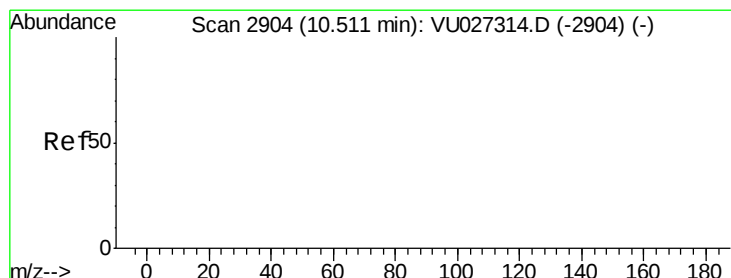
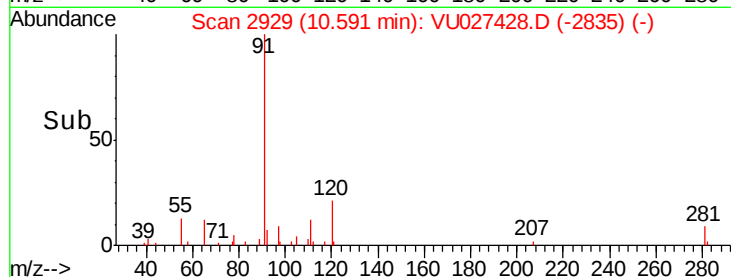
4000

2000

0

10.55 10.60 10.65

Time-->



#81

trans-1,4-Dichloro-2-butene

Concen: 58.206 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. -0.20 min

Lab File: VU027428.D

Acq: 04 Oct 2018 23:07

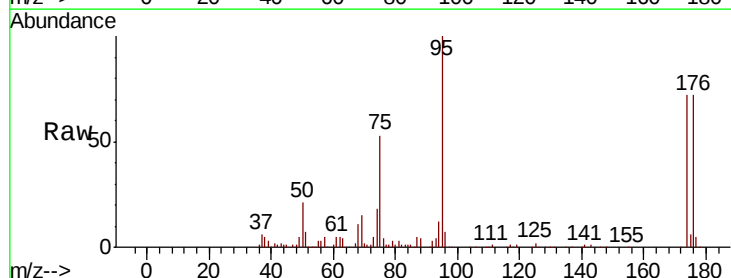
Tgt Ion: 75 Resp: 59033

Ion Ratio Lower Upper

75 100

53 0.0 0.0 0.0

89 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VU027314.D (-2904) (-)

Ion 53.00 (52.70 to 53.70): VU027314.D (-2904) (-)

Ion 88.90 (88.60 to 89.60): VU027314.D (-2904) (-)

10.31

40000

30000

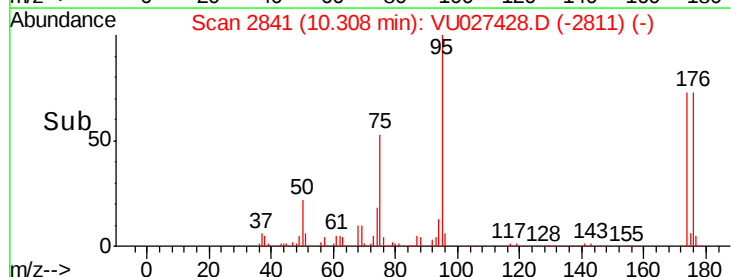
20000

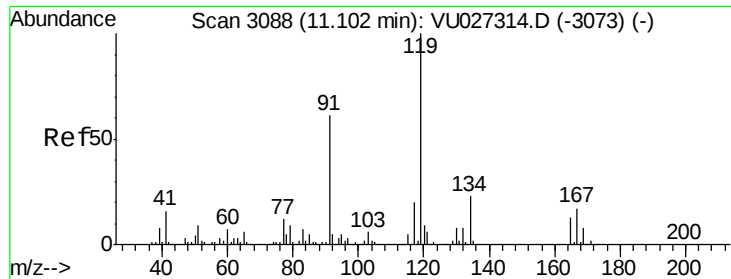
10000

0

10.30 10.40

Time-->

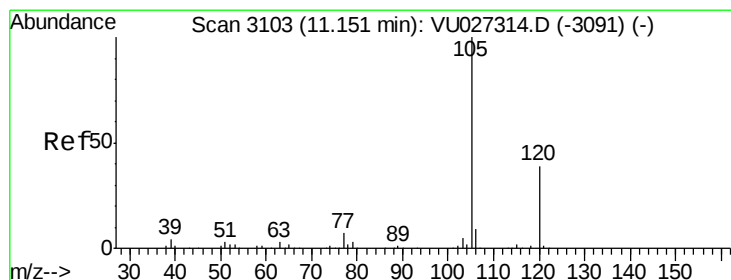
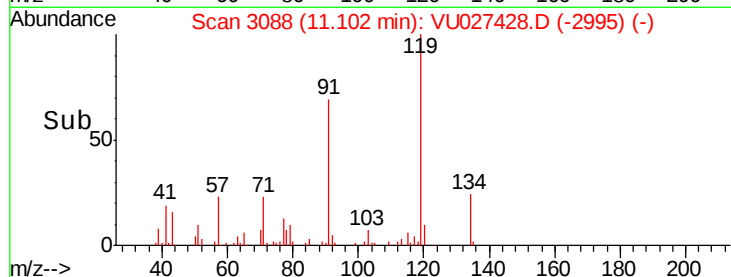
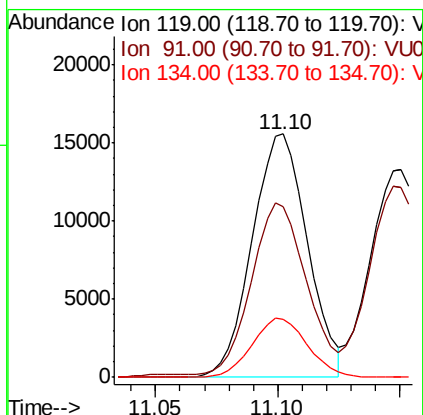
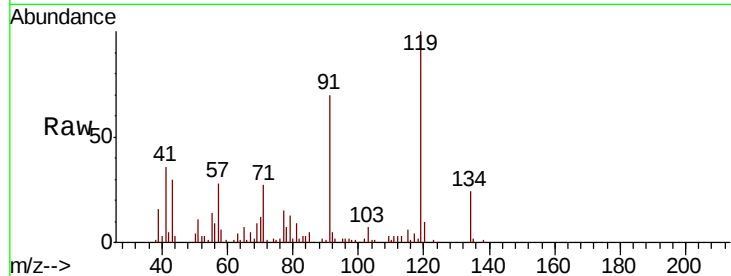




#83
 tert-Butylbenzene
 Concen: 4.186 ug/l
 RT: 11.10 min Scan# 3088
 Delta R.T. -0.00 min
 Lab File: VU027428.D
 Acq: 04 Oct 2018 23:07

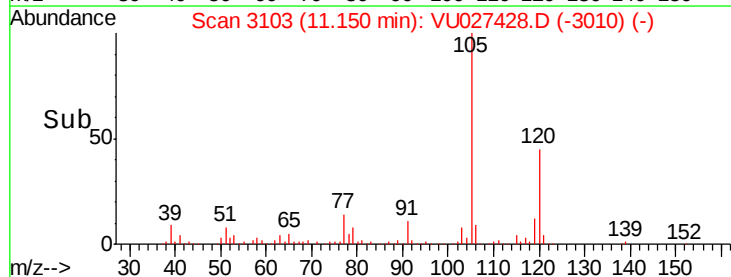
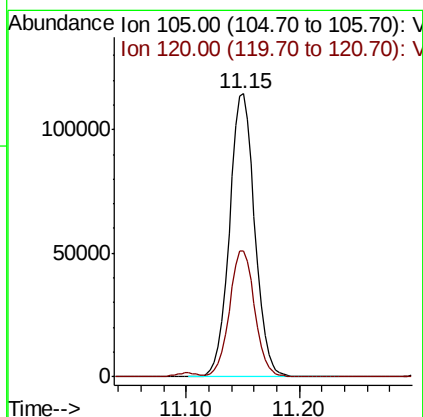
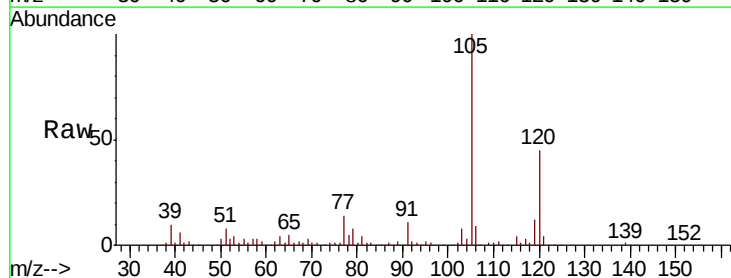
Instrument :
 MSVOA_U
 ClientSampleId :
 EP1-MW-F-092718

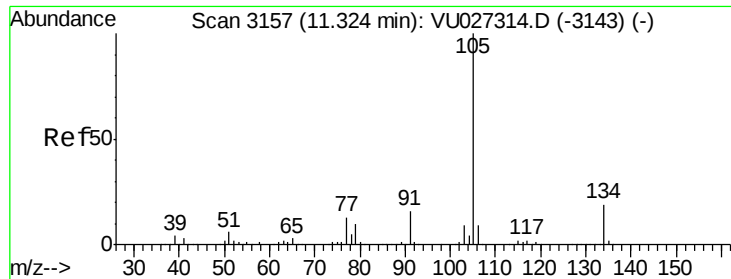
Tgt Ion:119 Resp: 24500
 Ion Ratio Lower Upper
 119 100
 91 73.2 30.3 91.0
 134 24.4 11.5 34.4



#84
 1,2,4-Trimethylbenzene
 Concen: 28.700 ug/l
 RT: 11.15 min Scan# 3103
 Delta R.T. -0.00 min
 Lab File: VU027428.D
 Acq: 04 Oct 2018 23:07

Tgt Ion:105 Resp: 177502
 Ion Ratio Lower Upper
 105 100
 120 44.8 22.1 66.5

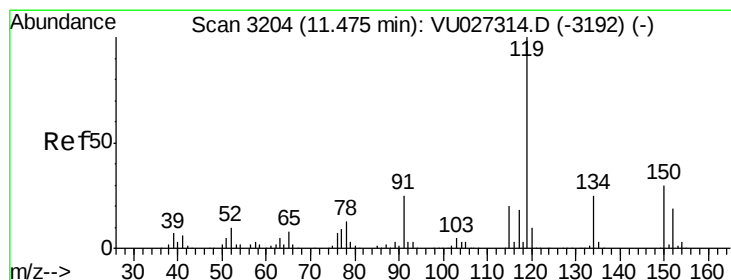
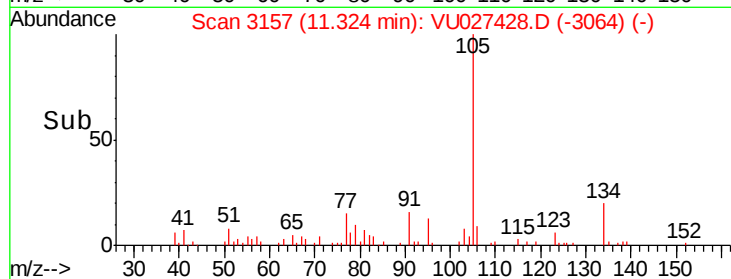
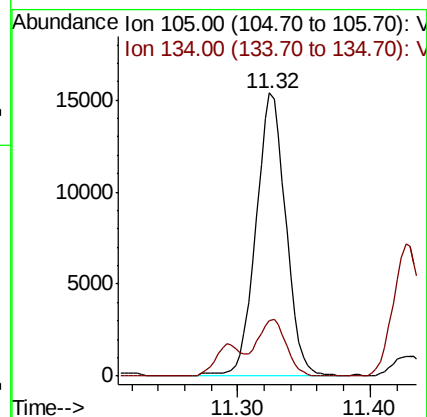
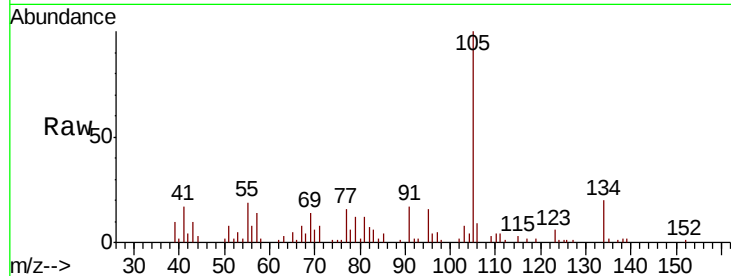




#85
 sec-Butylbenzene
 Concen: 3.269 ug/l
 RT: 11.32 min Scan# 3157
 Delta R.T. -0.00 min
 Lab File: VU027428.D
 Acq: 04 Oct 2018 23:07

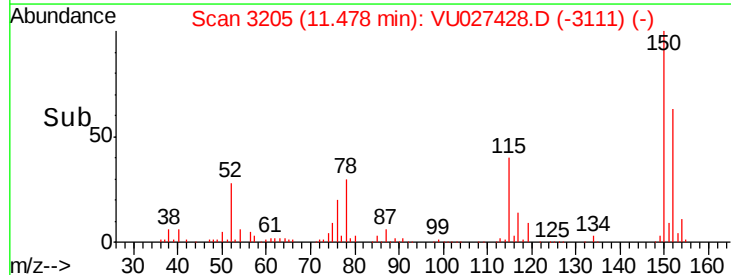
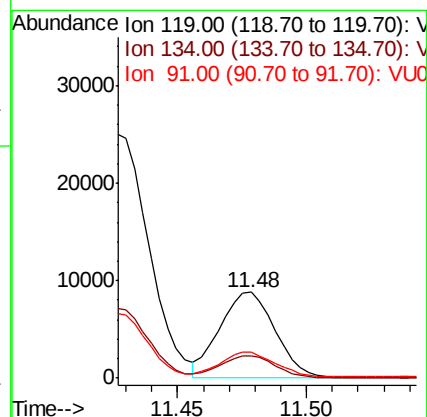
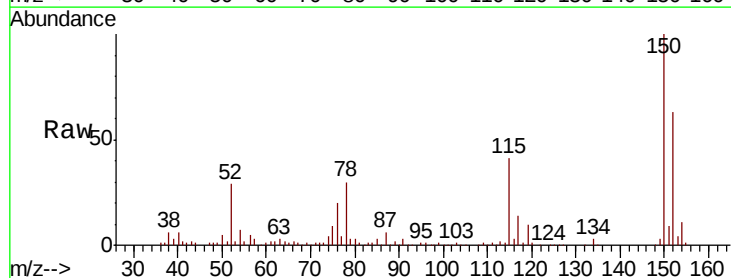
Instrument :
 MSVOA_U
 ClientSampleId :
 EP1-MW-F-092718

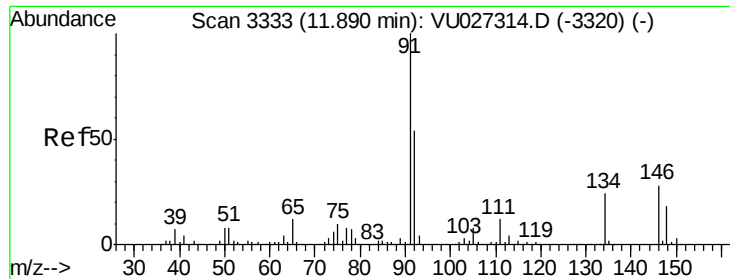
Tgt Ion:105 Resp: 24112
 Ion Ratio Lower Upper
 105 100
 134 19.9 9.6 28.6



#86
 p-Isopropyltoluene
 Concen: 2.087 ug/l
 RT: 11.48 min Scan# 3205
 Delta R.T. 0.00 min
 Lab File: VU027428.D
 Acq: 04 Oct 2018 23:07

Tgt Ion:119 Resp: 13176
 Ion Ratio Lower Upper
 119 100
 134 26.0 12.7 38.1
 91 28.6 12.2 36.4

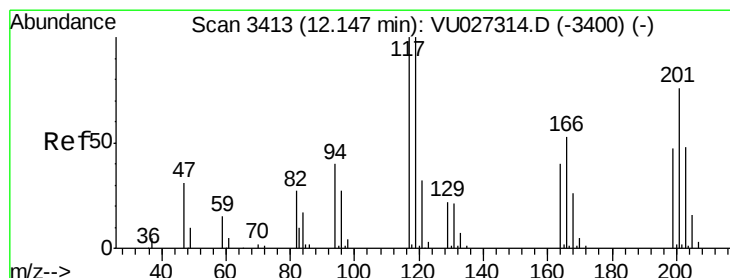
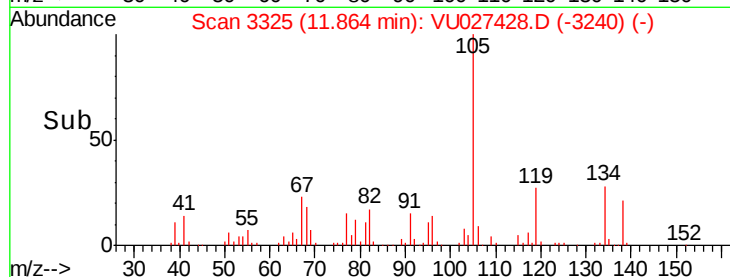
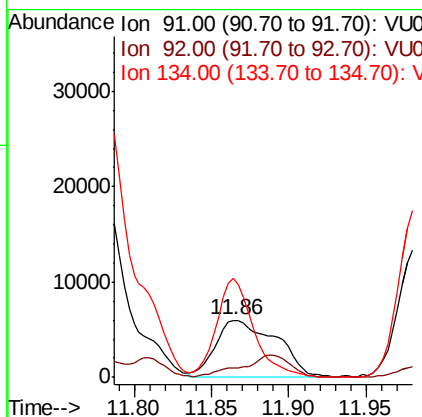
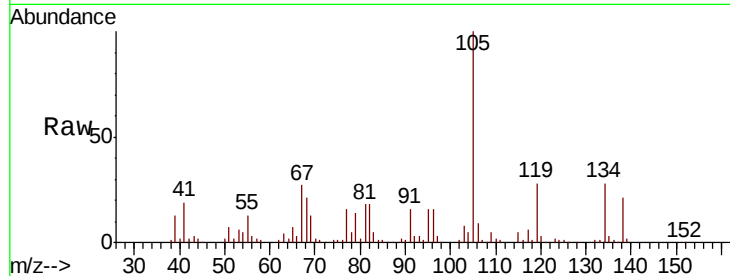




#89
n-Butylbenzene
Concen: 4.311 ug/l
RT: 11.86 min Scan# 3325
Delta R.T. -0.03 min
Lab File: VU027428.D
Acq: 04 Oct 2018 23:07

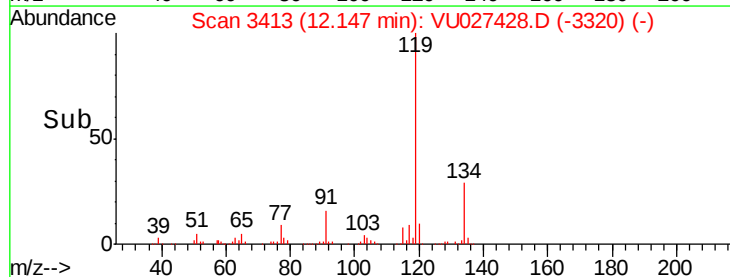
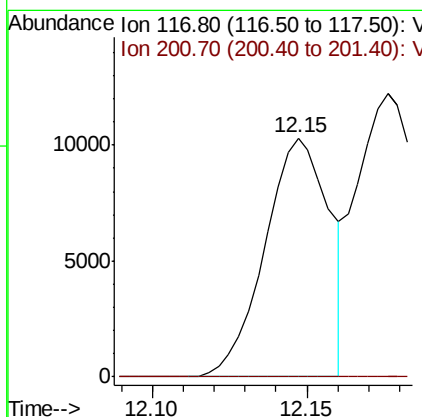
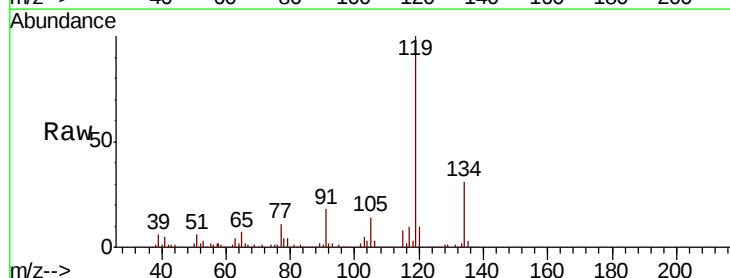
Instrument :
MSVOA_U
ClientSampleId :
EP1-MW-F-092718

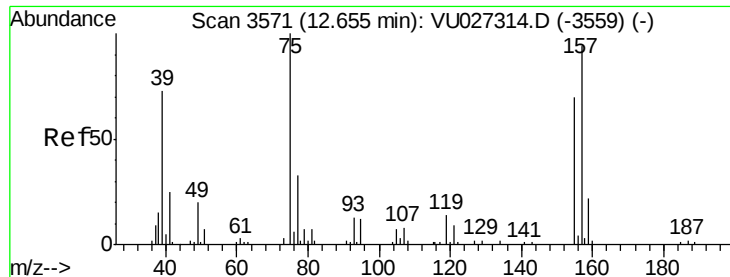
Tgt Ion: 91 Resp: 16465
Ion Ratio Lower Upper
91 100
92 0.0 27.0 81.0#
134 105.4 11.7 35.1#



#90
Hexachloroethane
Concen: 12.515 ug/l
RT: 12.15 min Scan# 3413
Delta R.T. -0.00 min
Lab File: VU027428.D
Acq: 04 Oct 2018 23:07

Tgt Ion: 117 Resp: 14896
Ion Ratio Lower Upper
117 100
201 0.0 37.9 113.6#

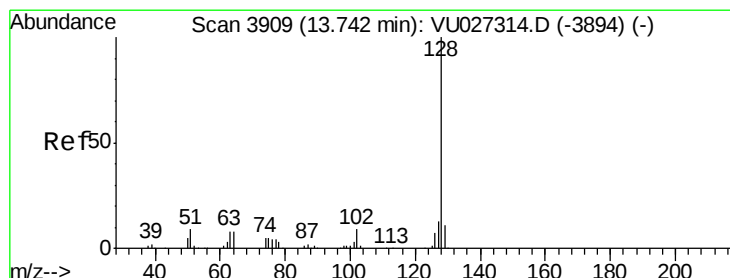
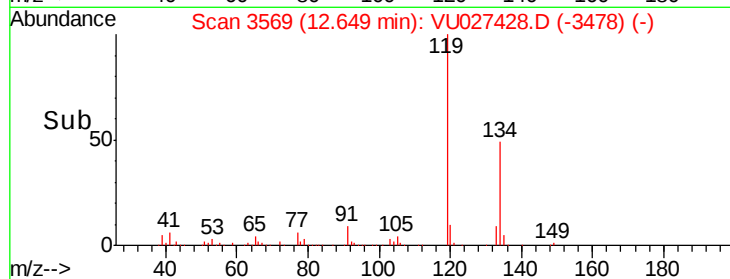
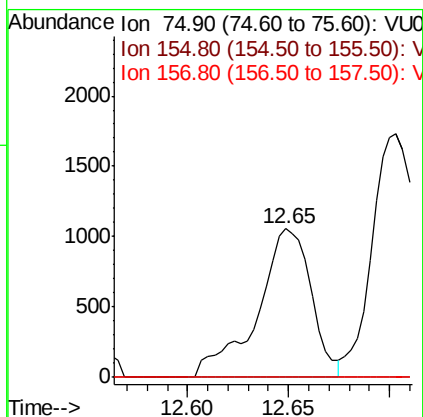
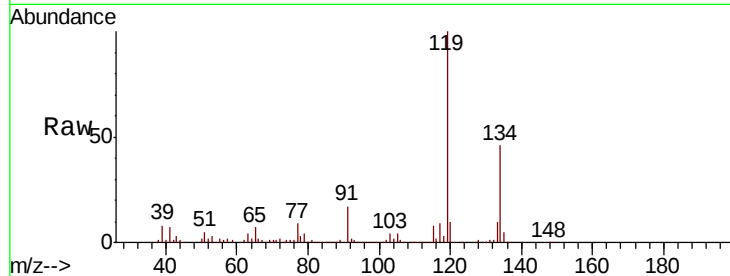




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 3.027 ug/l
 RT: 12.65 min Scan# 3569
 Delta R.T. -0.01 min
 Lab File: VU027428.D
 Acq: 04 Oct 2018 23:07

Instrument :
 MSVOA_U
 ClientSampleId :
 EP1-MW-F-092718

Tgt Ion: 75 Resp: 1959
 Ion Ratio Lower Upper
 75 100
 155 0.0 35.9 107.8#
 157 0.0 46.9 140.6#



#95
 Naphthalene
 Concen: 2.060 ug/l
 RT: 13.74 min Scan# 3907
 Delta R.T. -0.01 min
 Lab File: VU027428.D
 Acq: 04 Oct 2018 23:07

Tgt Ion: 128 Resp: 3200
 Ion Ratio Lower Upper
 128 100
 127 27.7 10.5 15.7#
 129 47.4 8.6 12.8#

