

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU100418\
 Data File : VU027429.D
 Acq On : 04 Oct 2018 23:30
 Operator : MD/SY
 Sample : J5165-14
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EP1-MW-092718FD-W

Quant Time: Oct 05 03:19:20 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	107532	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	191980	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	188211	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	108122	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	106345	59.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	118.46%	
35) Dibromofluoromethane	4.89	113	76124	57.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	115.72%	
50) Toluene-d8	7.57	98	295607	60.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	120.06%	
62) 4-Bromofluorobenzene	10.31	95	115148	62.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	125.84%	

Target Compounds						Qvalue
3) Chloromethane	1.27	50	15592	7.429	ug/l #	42
5) Bromomethane	1.64	94	315	0.369	ug/l #	79
10) Methyl Iodide	2.41	142	43	8.364	ug/l #	39
11) Tert butyl alcohol	2.83	59	3314	8.764	ug/l #	80
14) Allyl chloride	2.56	41	890	0.330	ug/l #	39
16) Acetone	2.32	43	63914	60.253	ug/l	99
17) Carbon Disulfide	2.48	76	16632	4.060	ug/l	100
18) Methyl Acetate	2.62	43	1687	0.697	ug/l #	72
20) Methylene Chloride	2.70	84	412	0.279	ug/l #	82
25) 2-Butanone	4.28	43	10458	7.230	ug/l	94
30) Chloroform	4.68	83	4704	1.879	ug/l	89
31) Cyclohexane	4.98	56	2499	0.633	ug/l #	1
36) 1,1-Dichloropropene	4.99	75	9896	4.747	ug/l #	49
37) Ethyl Acetate	4.28	43	10458	3.882	ug/l #	70
38) Carbon Tetrachloride	4.99	117	10596	5.627	ug/l #	18
43) Isopropyl Acetate	5.56	43	924	0.221	ug/l #	63
51) 4-Methyl-2-Pentanone	7.46	43	2382	0.876	ug/l #	80
55) 1,1,2-Trichloroethane	8.05	97	3827	2.686	ug/l #	17
56) Ethyl methacrylate	8.05	69	984	2.616	ug/l #	1
59) 2-Hexanone	8.38	43	1633	0.774	ug/l	81
73) Isopropylbenzene	10.17	105	6019	0.766	ug/l	100
74) N-amyl acetate	10.01	43	955	0.212	ug/l #	21
75) 1,1,2,2-Tetrachloroethane	10.49	83	10457	3.391	ug/l #	36
76) 1,2,3-Trichloropropane	10.31	75	59899	21.371	ug/l #	38
78) n-propylbenzene	10.59	91	9462	1.003	ug/l	94
79) 2-Chlorotoluene	10.59	91	9462	1.661	ug/l #	43
81) trans-1,4-Dichloro-2-buten	10.31	75	59899	55.931	ug/l #	100
82) 4-Chlorotoluene	10.59	91	9462	1.463	ug/l #	48
83) tert-Butylbenzene	11.10	119	22888	3.703	ug/l	90
84) 1,2,4-Trimethylbenzene	11.15	105	173822	26.616	ug/l	100
85) sec-Butylbenzene	11.32	105	22005	2.826	ug/l	98
86) p-Isopropyltoluene	11.48	119	12583	1.887	ug/l	97
89) n-Butylbenzene	11.86	91	8854	3.152	ug/l #	1
90) Hexachloroethane	12.15	117	14658	11.663	ug/l #	12

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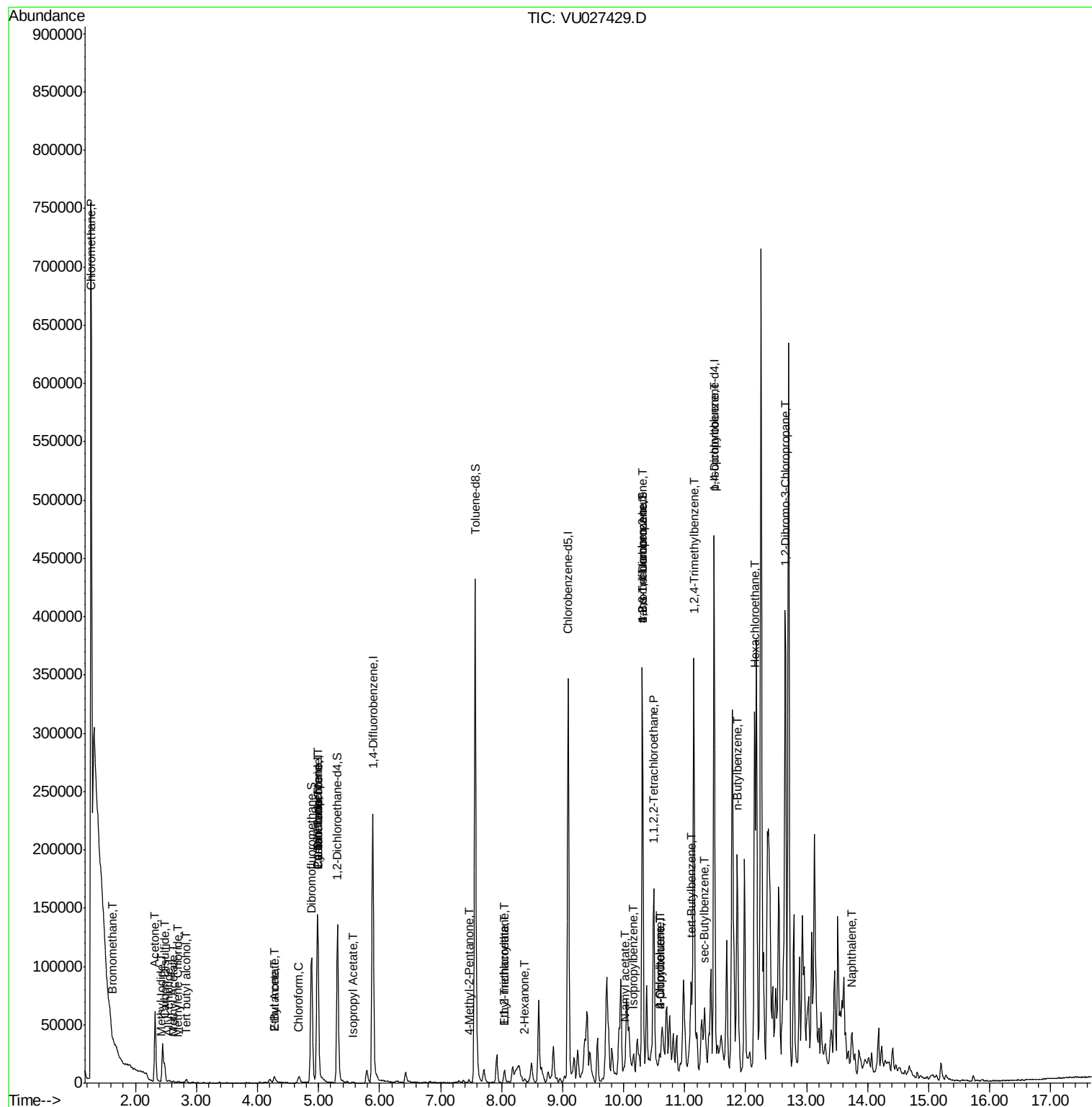
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
92) 1,2-Dibromo-3-Chloropropan	12.65	75	1855	2.714	ug/l #	7
95) Naphthalene	13.74	128	2832	1.995	ug/l #	42

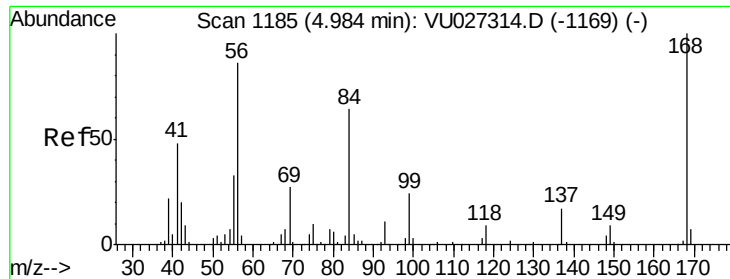
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.99 min Scan# 1186

Delta R.T. 0.00 min

Lab File: VU027429.D

Acq: 04 Oct 2018 23:30

Instrument :

MSVOA_U

ClientSampleId :

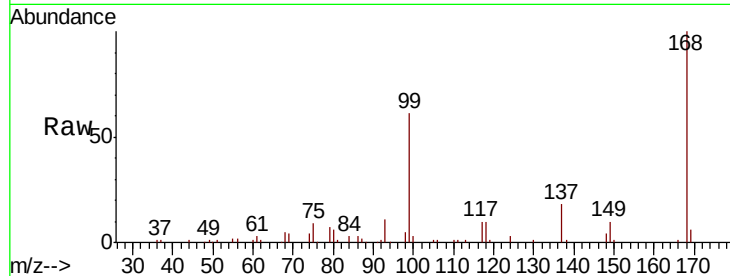
EP1-MW-092718FD-W

Tgt Ion:168 Resp: 107532

Ion Ratio Lower Upper

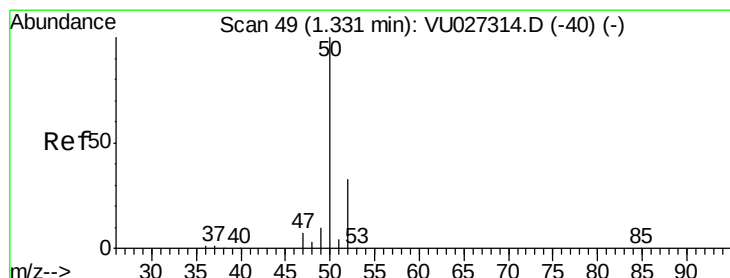
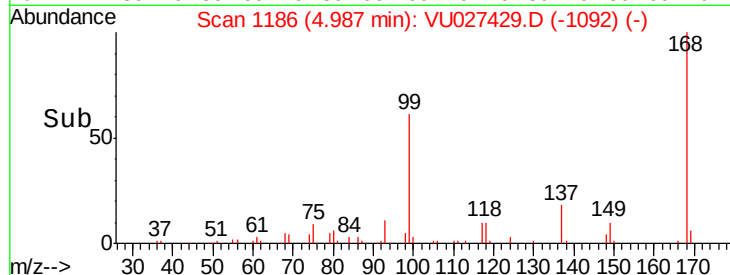
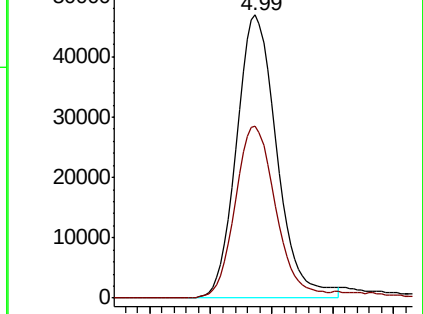
168 100

99 60.7 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) (-)



#3

Chloromethane

Concen: 7.429 ug/l

RT: 1.27 min Scan# 31

Delta R.T. -0.06 min

Lab File: VU027429.D

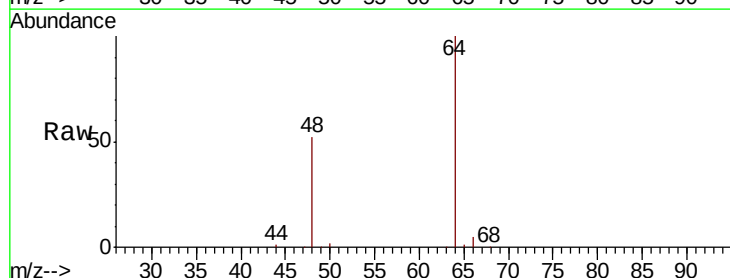
Acq: 04 Oct 2018 23:30

Tgt Ion: 50 Resp: 15592

Ion Ratio Lower Upper

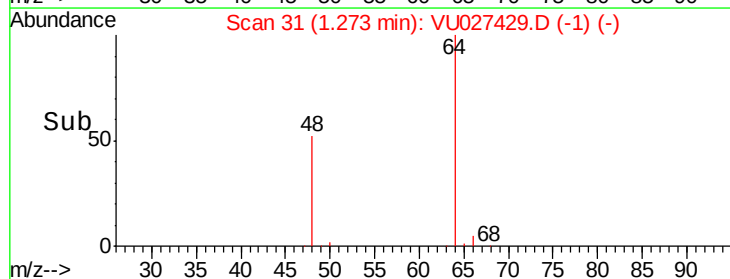
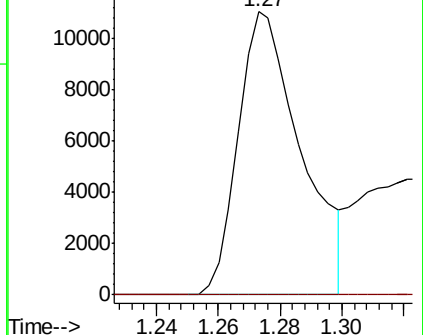
50 100

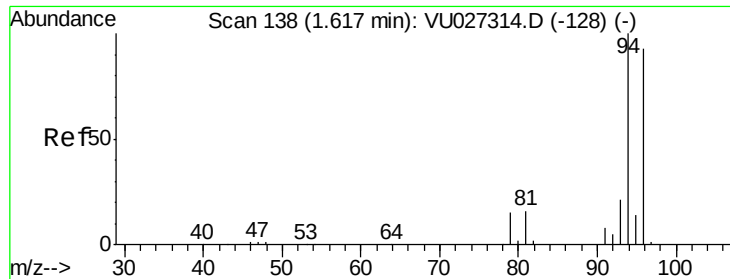
52 0.0 26.5 39.7#



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

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

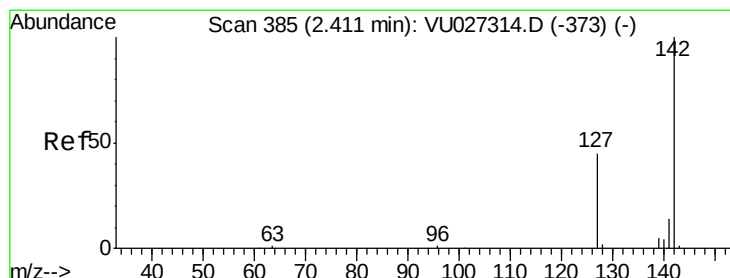
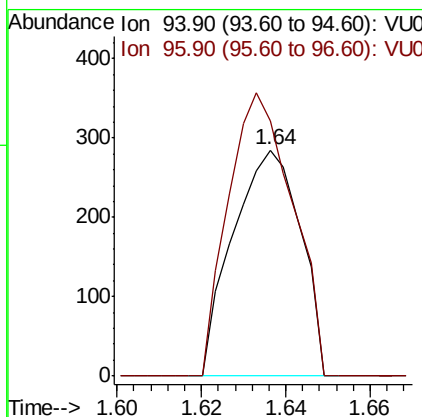
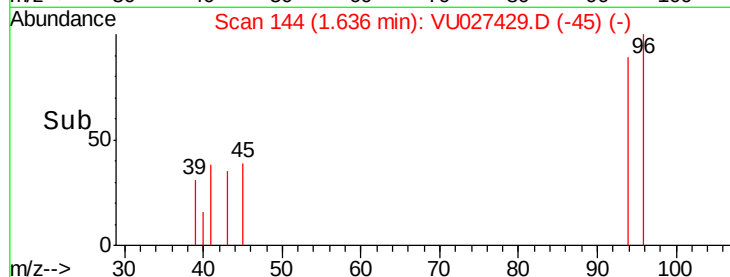
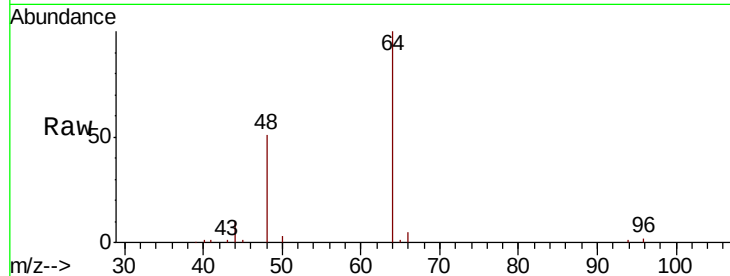




#5
 Bromomethane
 Concen: 0.369 ug/l
 RT: 1.64 min Scan# 144
 Delta R.T. 0.02 min
 Lab File: VU027429.D
 Acq: 04 Oct 2018 23:30

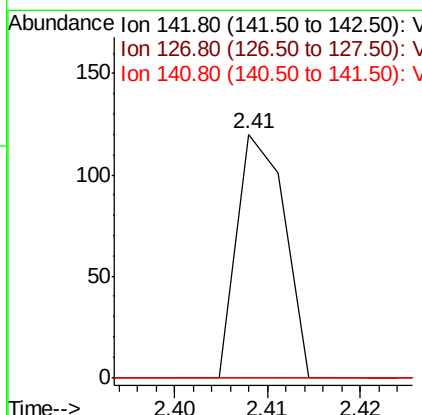
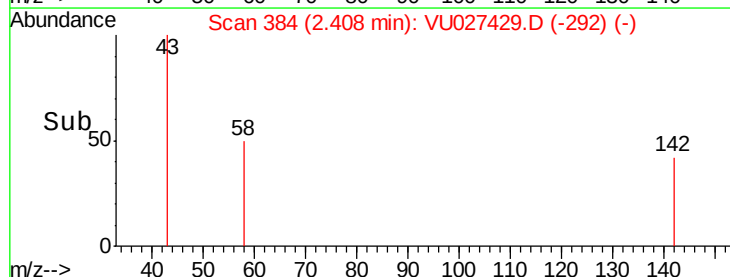
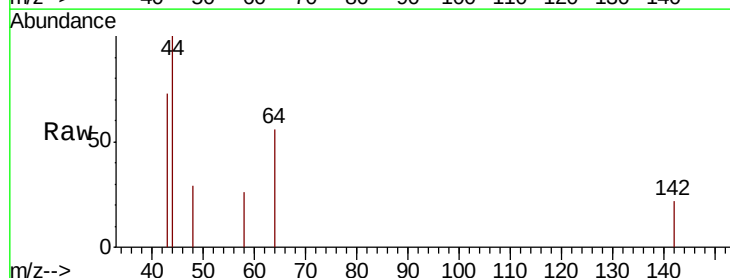
Instrument :
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 EP1-MW-092718FD-W

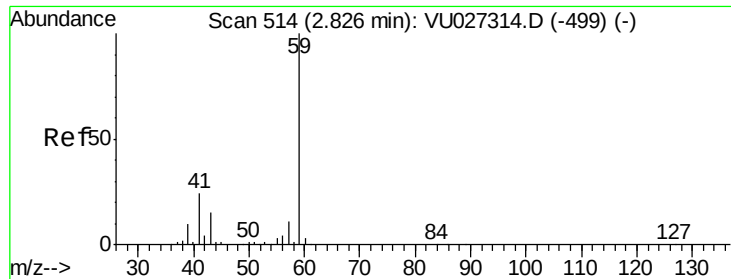
Tgt Ion: 94 Resp: 315
 Ion Ratio Lower Upper
 94 100
 96 113.0 74.6 111.8#



#10
 Methyl Iodide
 Concen: 8.364 ug/l
 RT: 2.41 min Scan# 384
 Delta R.T. -0.00 min
 Lab File: VU027429.D
 Acq: 04 Oct 2018 23:30

Tgt Ion: 142 Resp: 43
 Ion Ratio Lower Upper
 142 100
 127 0.0 36.3 54.5#
 141 0.0 11.6 17.4#

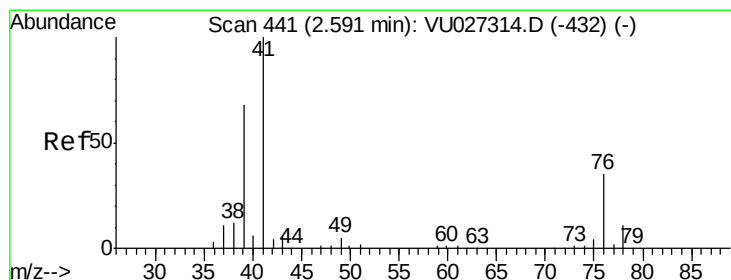
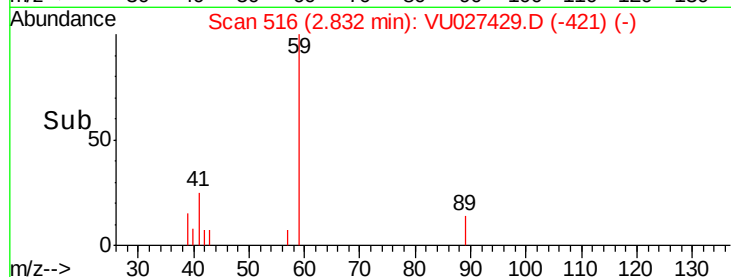
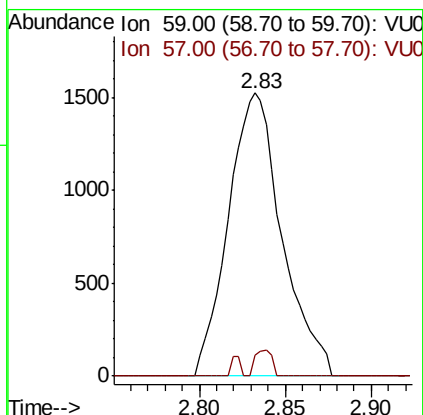
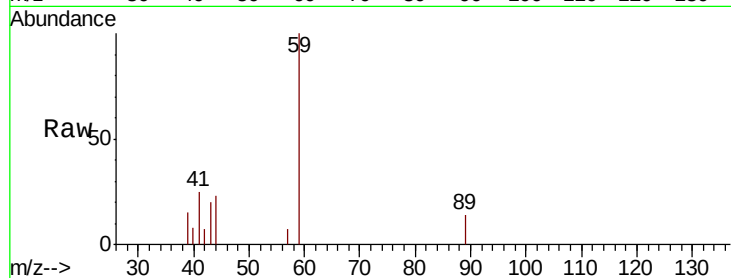




#11
Tert butyl alcohol
Concen: 8.764 ug/l
RT: 2.83 min Scan# 516
Delta R.T. 0.01 min
Lab File: VU027429.D
Acq: 04 Oct 2018 23:30

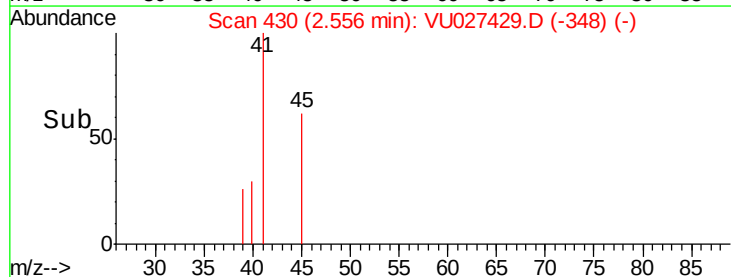
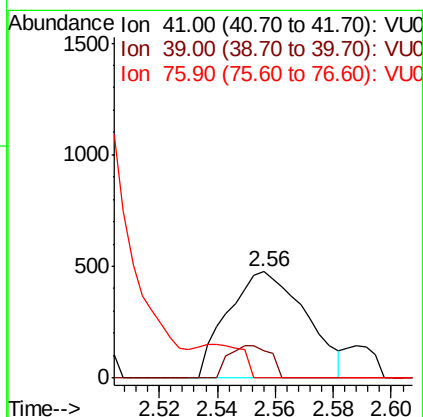
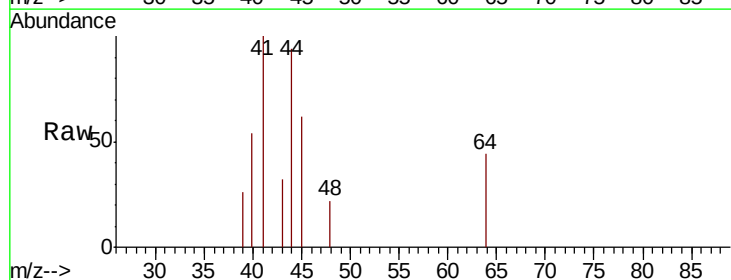
Instrument :
MSVOA_U
ClientSampleId :
EP1-MW-092718FD-W

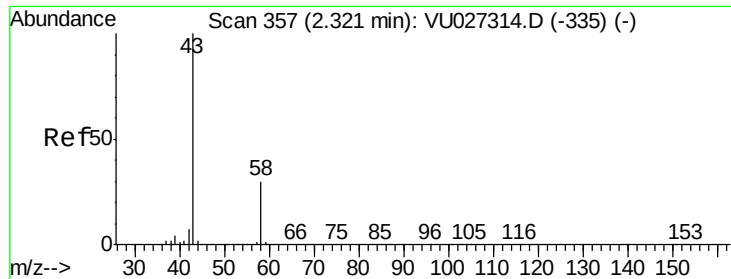
Tgt Ion: 59 Resp: 3314
Ion Ratio Lower Upper
59 100
57 2.9 8.4 12.6#



#14
Allyl chloride
Concen: 0.330 ug/l
RT: 2.56 min Scan# 430
Delta R.T. -0.04 min
Lab File: VU027429.D
Acq: 04 Oct 2018 23:30

Tgt Ion: 41 Resp: 890
Ion Ratio Lower Upper
41 100
39 16.1 51.8 77.8#
76 0.0 25.9 38.9#





#16

Acetone

Concen: 60.253 ug/l

RT: 2.32 min Scan# 358

Delta R.T. 0.00 min

Lab File: VU027429.D

Acq: 04 Oct 2018 23:30

Instrument :

MSVOA_U

ClientSampleId :

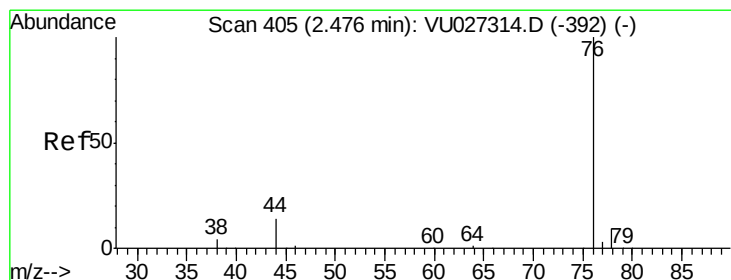
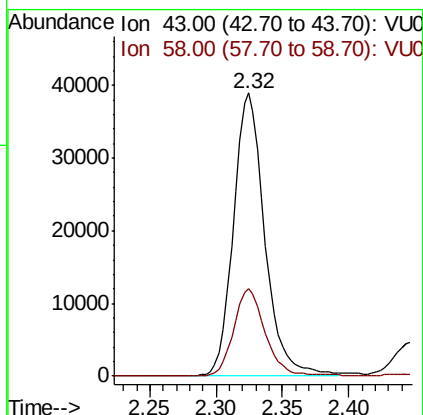
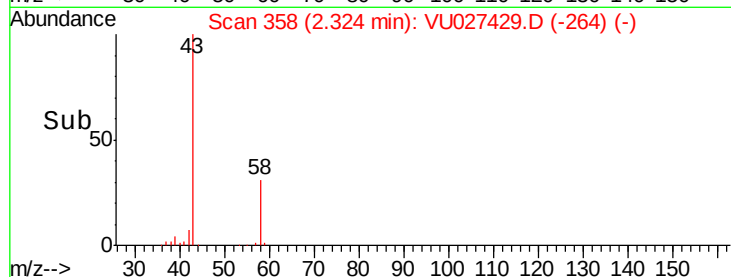
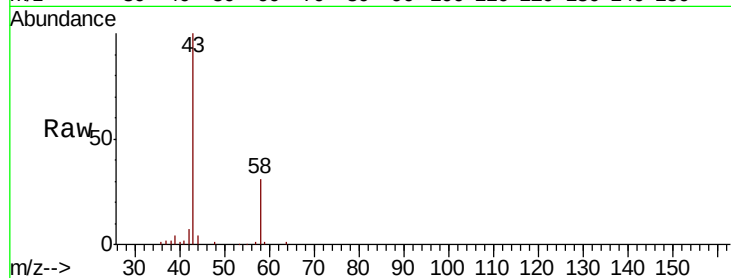
EP1-MW-092718FD-W

Tgt Ion: 43 Resp: 63914

Ion Ratio Lower Upper

43 100

58 31.0 24.2 36.4



#17

Carbon Disulfide

Concen: 4.060 ug/l

RT: 2.48 min Scan# 406

Delta R.T. 0.00 min

Lab File: VU027429.D

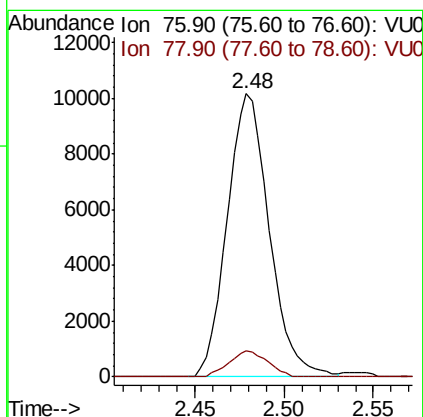
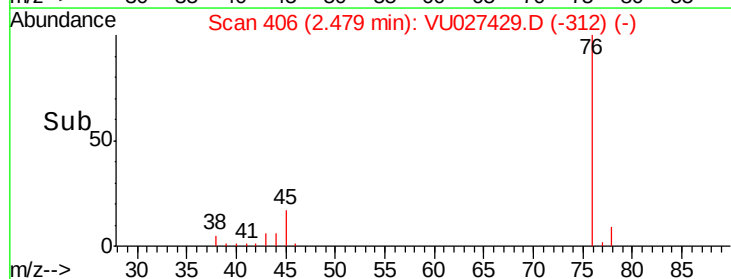
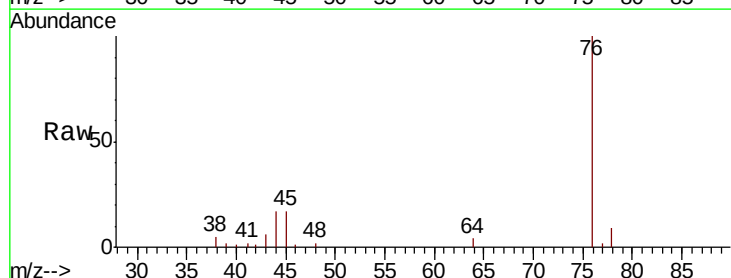
Acq: 04 Oct 2018 23:30

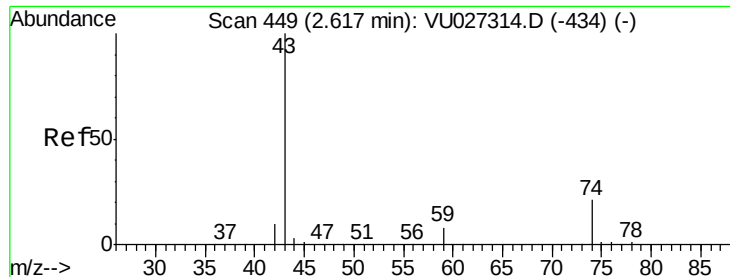
Tgt Ion: 76 Resp: 16632

Ion Ratio Lower Upper

76 100

78 9.2 7.3 10.9

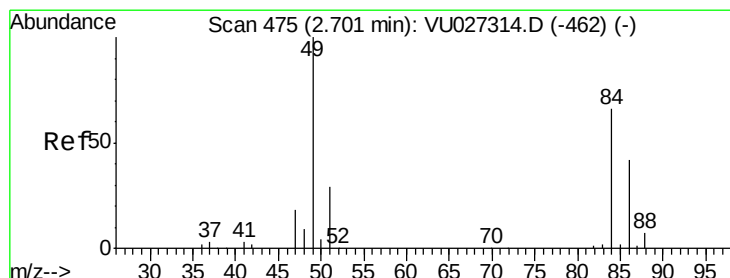
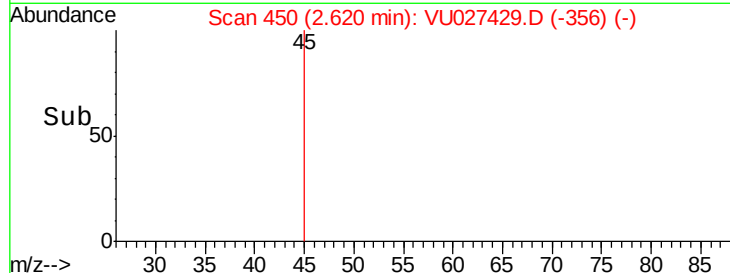
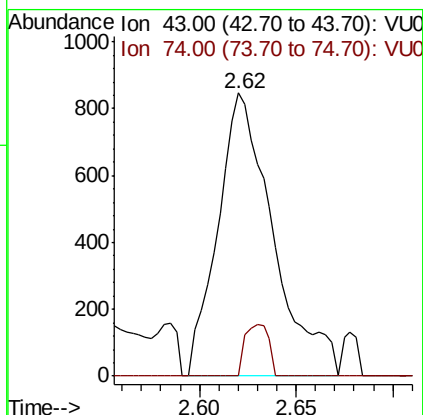
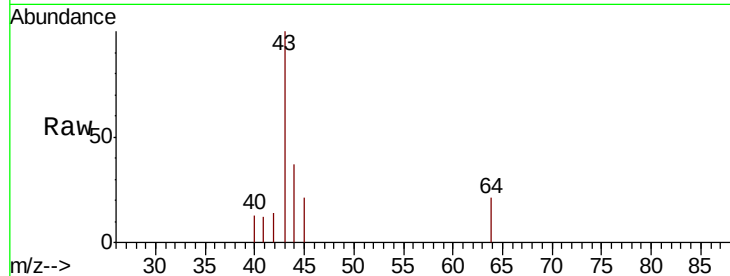




#18
Methyl Acetate
Concen: 0.697 ug/l
RT: 2.62 min Scan# 450
Delta R.T. 0.00 min
Lab File: VU027429.D
Acq: 04 Oct 2018 23:30

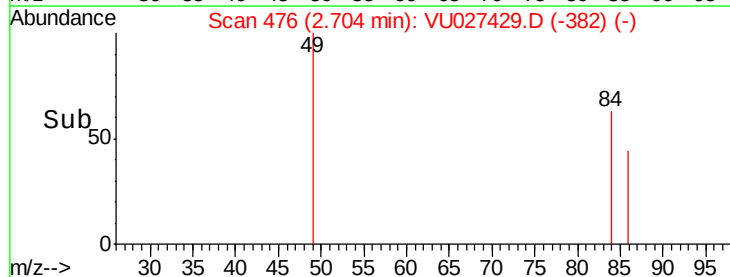
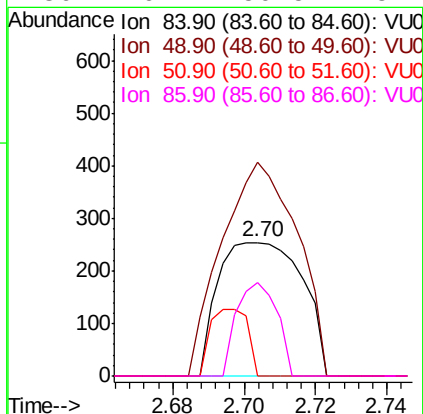
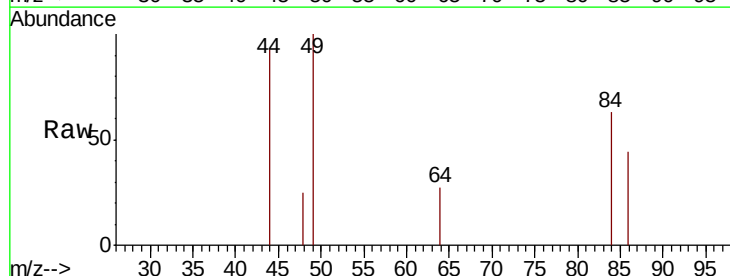
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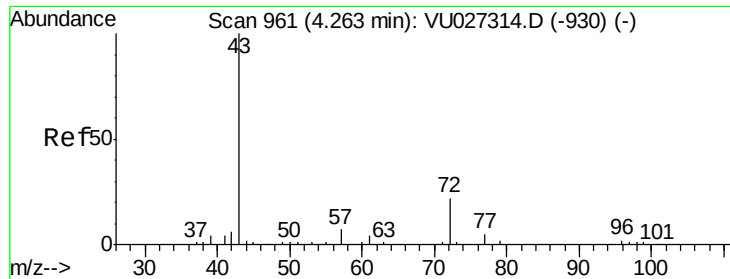
Tgt Ion: 43 Resp: 1687
Ion Ratio Lower Upper
43 100
74 7.8 16.5 24.7#



#20
Methylene Chloride
Concen: 0.279 ug/l
RT: 2.70 min Scan# 476
Delta R.T. 0.00 min
Lab File: VU027429.D
Acq: 04 Oct 2018 23:30

Tgt Ion: 84 Resp: 412
Ion Ratio Lower Upper
84 100
49 159.8 120.5 180.7
51 0.0 35.1 52.7#
86 70.1 50.5 75.7

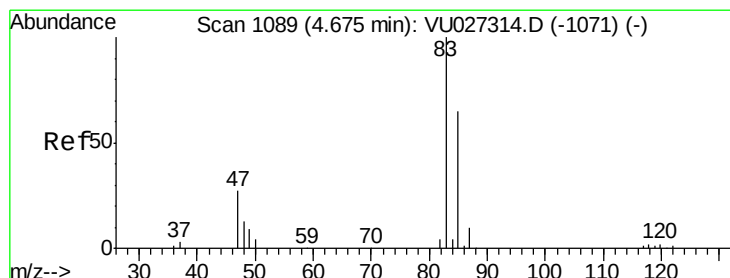
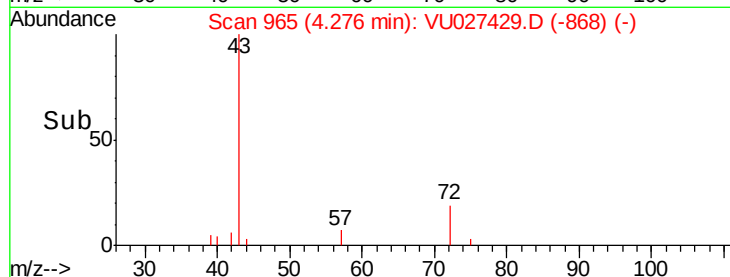
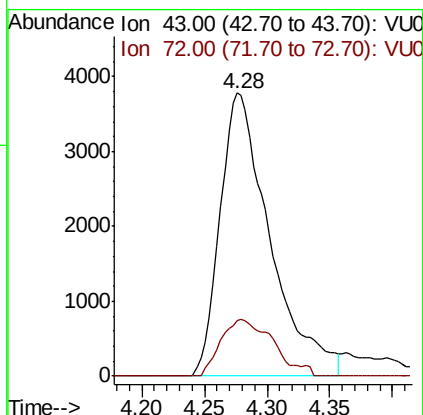
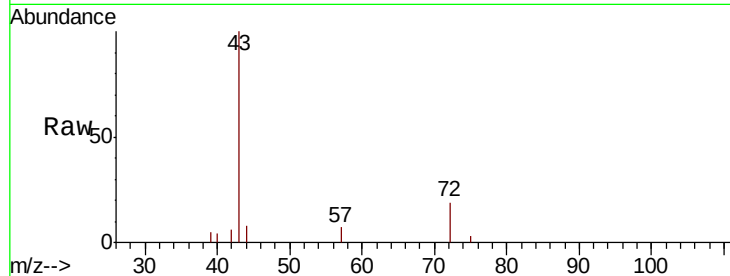




#25
 2-Butanone
 Concen: 7.230 ug/l
 RT: 4.28 min Scan# 965
 Delta R.T. 0.01 min
 Lab File: VU027429.D
 Acq: 04 Oct 2018 23:30

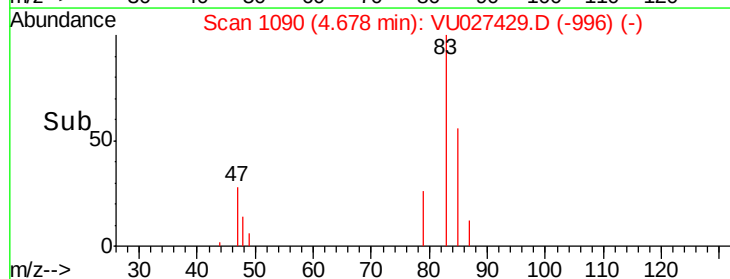
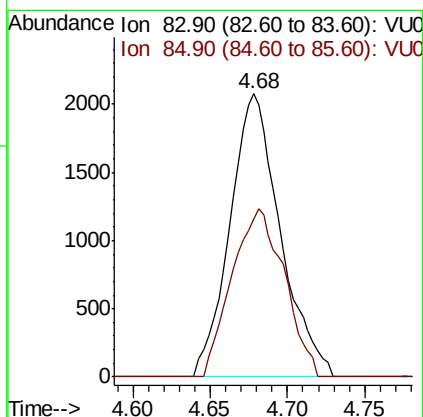
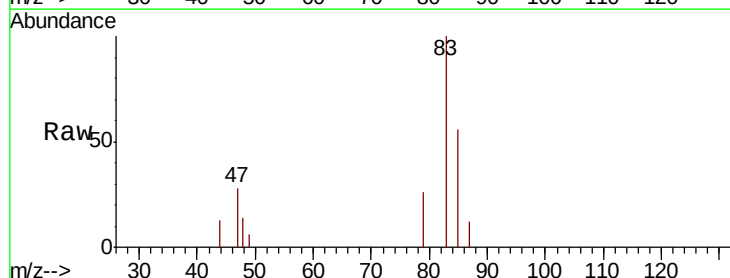
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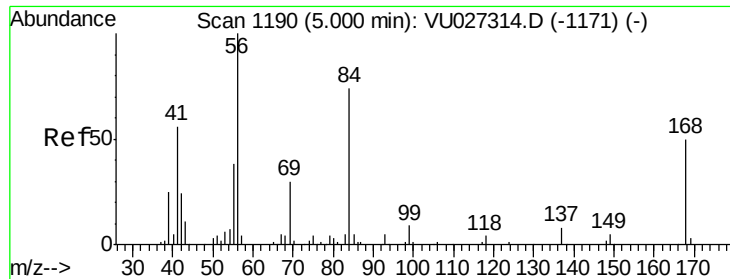
Tgt Ion: 43 Resp: 10458
 Ion Ratio Lower Upper
 43 100
 72 19.4 17.8 26.6



#30
 Chloroform
 Concen: 1.879 ug/l
 RT: 4.68 min Scan# 1090
 Delta R.T. 0.00 min
 Lab File: VU027429.D
 Acq: 04 Oct 2018 23:30

Tgt Ion: 83 Resp: 4704
 Ion Ratio Lower Upper
 83 100
 85 55.9 51.8 77.6

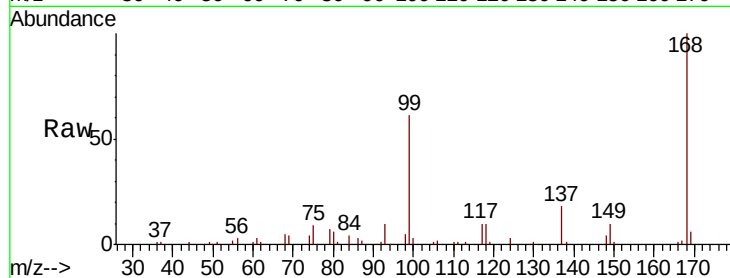




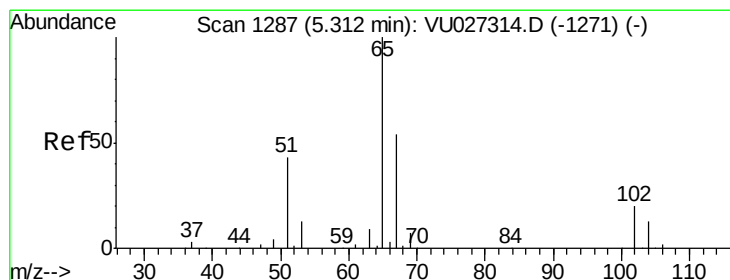
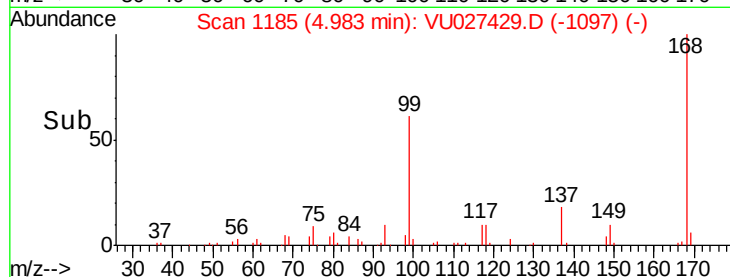
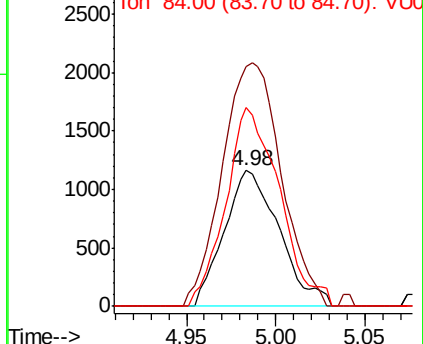
#31
Cyclohexane
Concen: 0.633 ug/l
RT: 4.98 min Scan# 1185
Delta R.T. -0.02 min
Lab File: VU027429.D
Acq: 04 Oct 2018 23:30

Instrument :
MSVOA_U
ClientSampleId :
EP1-MW-092718FD-W

Tgt Ion: 56 Resp: 2499
Ion Ratio Lower Upper
56 100
69 175.9 24.1 36.1#
84 146.3 59.1 88.7#

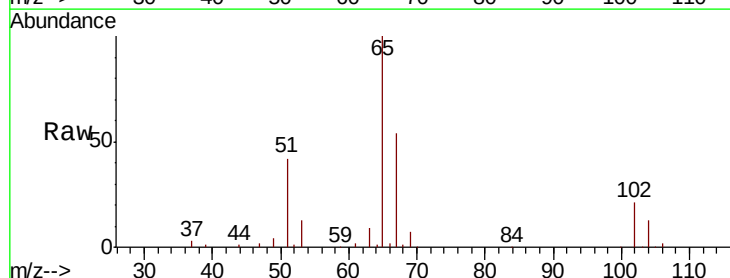


Abundance Ion 56.00 (55.70 to 56.70): VU0
Ion 69.00 (68.70 to 69.70): VU0
Ion 84.00 (83.70 to 84.70): VU0

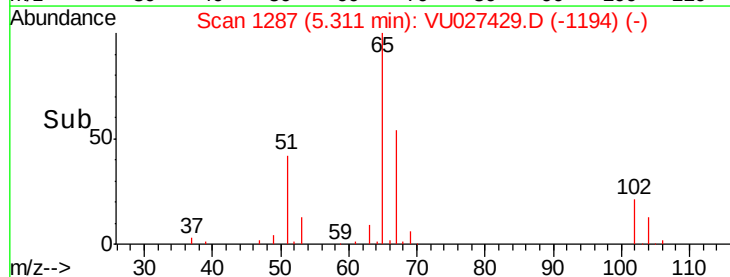
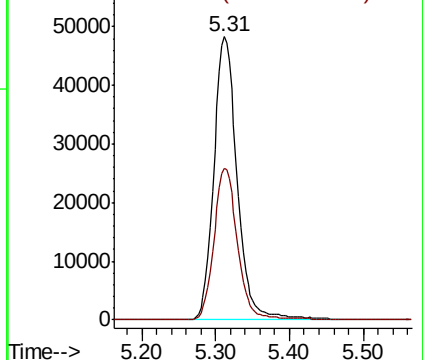


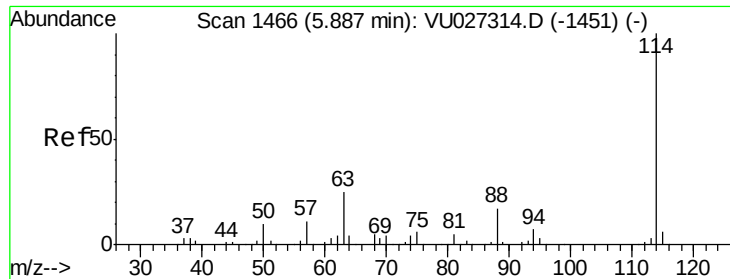
#33
1,2-Dichloroethane-d4
Concen: 59.225 ug/l
RT: 5.31 min Scan# 1287
Delta R.T. 0.00 min
Lab File: VU027429.D
Acq: 04 Oct 2018 23:30

Tgt Ion: 65 Resp: 106345
Ion Ratio Lower Upper
65 100
67 54.1 0.0 107.8



Abundance Ion 64.90 (64.60 to 65.60): VU0
Ion 66.90 (66.60 to 67.60): VU0

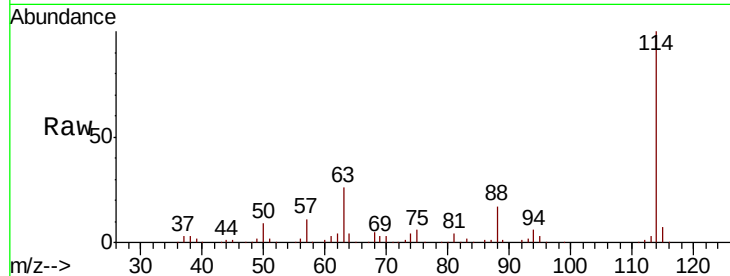




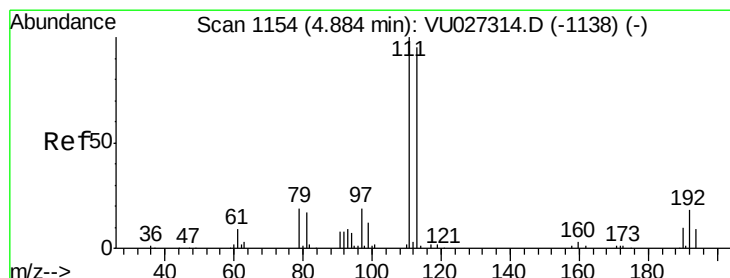
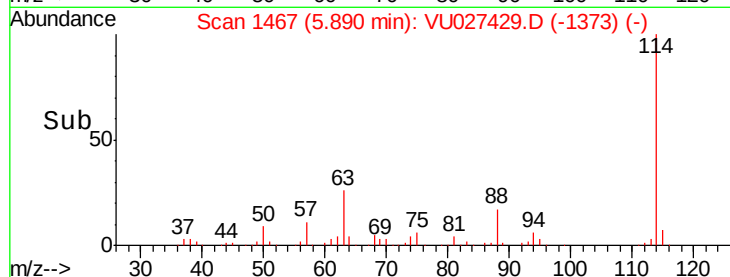
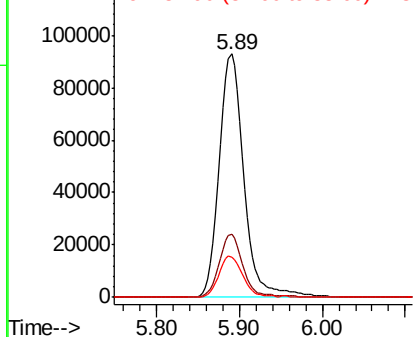
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1467
 Delta R.T. 0.00 min
 Lab File: VU027429.D
 Acq: 04 Oct 2018 23:30

Instrument :
 MSVOA_U
 ClientSampleId :
 EP1-MW-092718FD-W

Tgt Ion:114 Resp: 191980
 Ion Ratio Lower Upper
 114 100
 63 25.8 0.0 50.2
 88 16.6 0.0 33.8

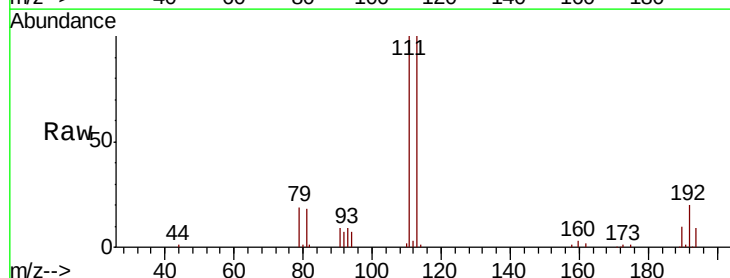


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VU0
 Ion 87.90 (87.60 to 88.60): VU0

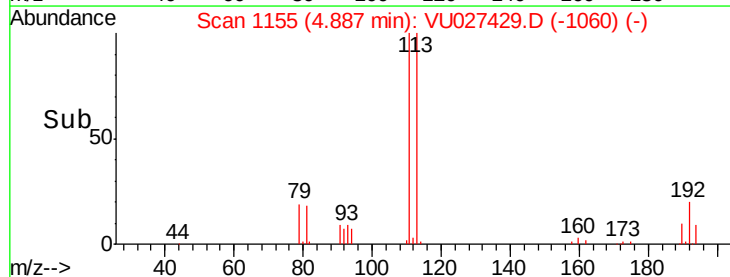
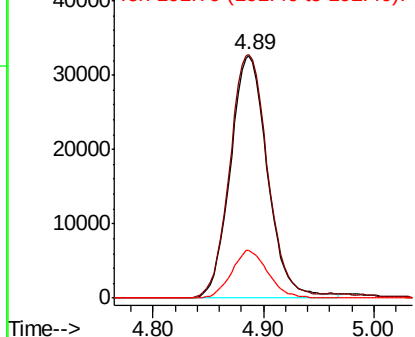


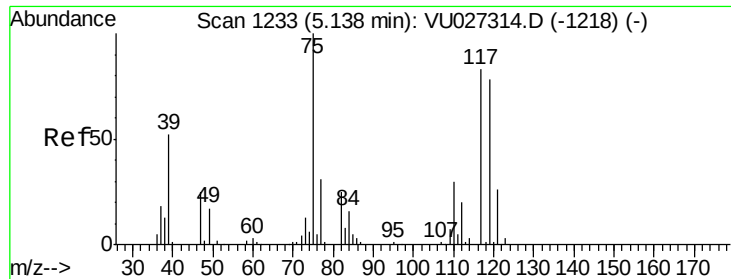
#35
 Dibromofluoromethane
 Concen: 57.858 ug/l
 RT: 4.89 min Scan# 1155
 Delta R.T. 0.00 min
 Lab File: VU027429.D
 Acq: 04 Oct 2018 23:30

Tgt Ion:113 Resp: 76124
 Ion Ratio Lower Upper
 113 100
 111 102.3 83.1 124.7
 192 19.2 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

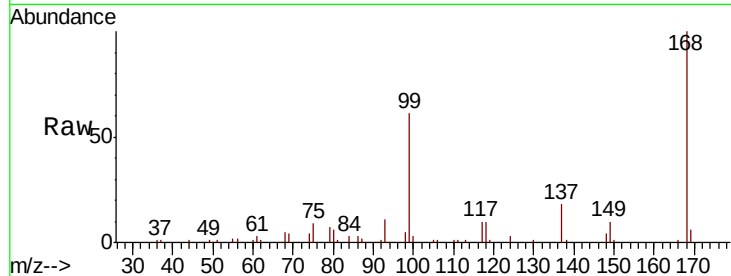




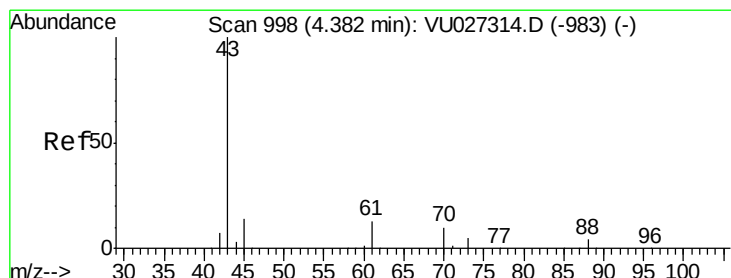
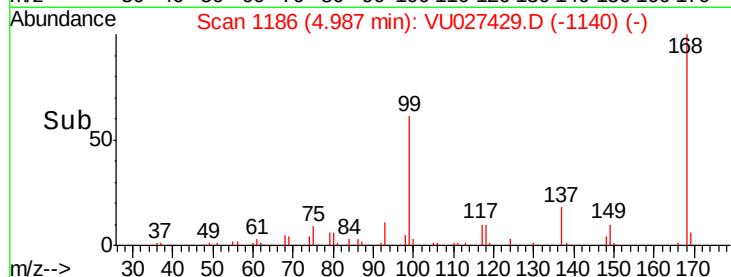
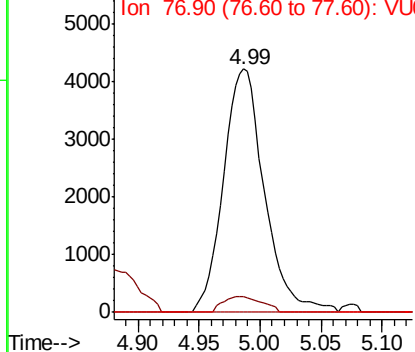
#36
 1,1-Dichloropropene
 Concen: 4.747 ug/l
 RT: 4.99 min Scan# 1186
 Delta R.T. -0.15 min
 Lab File: VU027429.D
 Acq: 04 Oct 2018 23:30

Instrument :
 MSVOA_U
 ClientSampleId :
 EP1-MW-092718FD-W

Tgt Ion	Ratio	Lower	Upper
75	100		
110	6.2	15.5	46.5#
77	0.0	25.4	38.0#

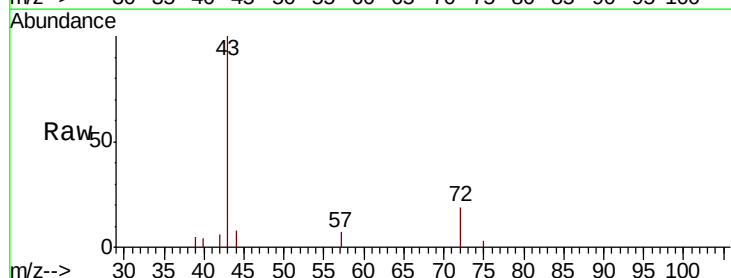


Abundance Ion 74.90 (74.60 to 75.60): VU0
 Ion 109.90 (109.60 to 110.60): VU0
 Ion 76.90 (76.60 to 77.60): VU0

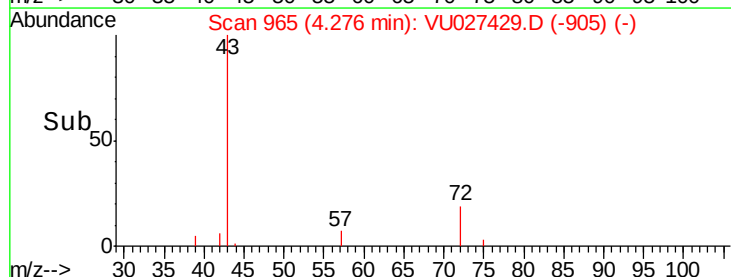
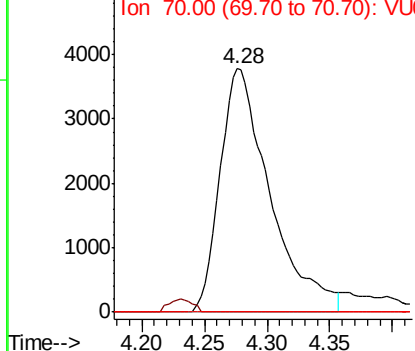


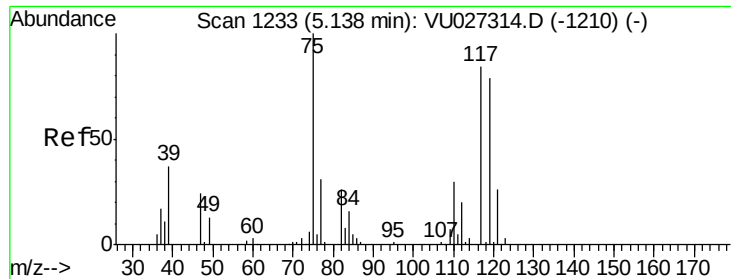
#37
 Ethyl Acetate
 Concen: 3.882 ug/l
 RT: 4.28 min Scan# 965
 Delta R.T. -0.11 min
 Lab File: VU027429.D
 Acq: 04 Oct 2018 23:30

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



Abundance Ion 43.00 (42.70 to 43.70): VU0
 Ion 60.90 (60.60 to 61.60): VU0
 Ion 70.00 (69.70 to 70.70): VU0





#38

Carbon Tetrachloride

Concen: 5.627 ug/l

RT: 4.99 min Scan# 1186

Delta R.T. -0.15 min

Lab File: VU027429.D

Acq: 04 Oct 2018 23:30

Instrument :

MSVOA_U

ClientSampleId :

EP1-MW-092718FD-W

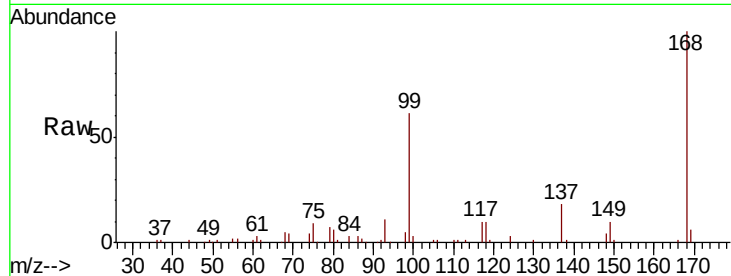
Tgt Ion: 117 Resp: 10596

Ion Ratio Lower Upper

117 100

119 6.2 74.5 111.7#

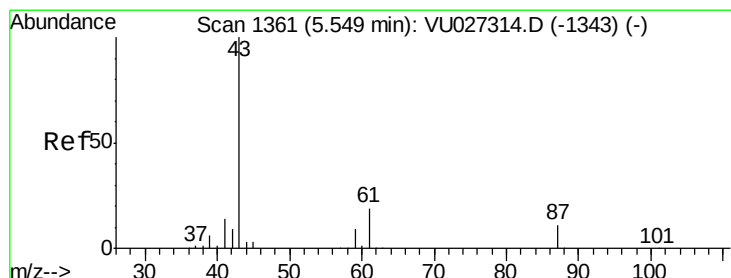
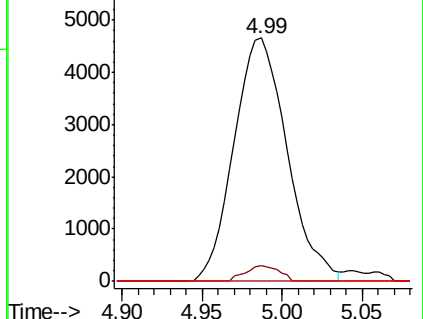
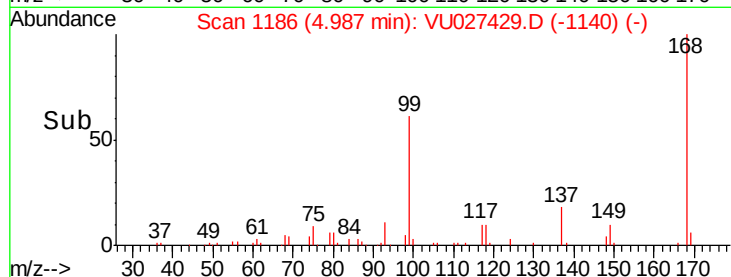
121 0.0 24.6 37.0#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#43

Isopropyl Acetate

Concen: 0.221 ug/l

RT: 5.56 min Scan# 1365

Delta R.T. 0.01 min

Lab File: VU027429.D

Acq: 04 Oct 2018 23:30

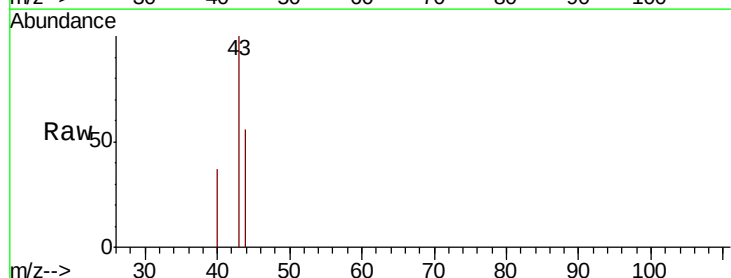
Tgt Ion: 43 Resp: 924

Ion Ratio Lower Upper

43 100

61 0.0 15.3 22.9#

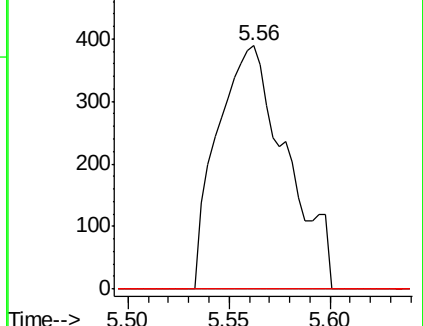
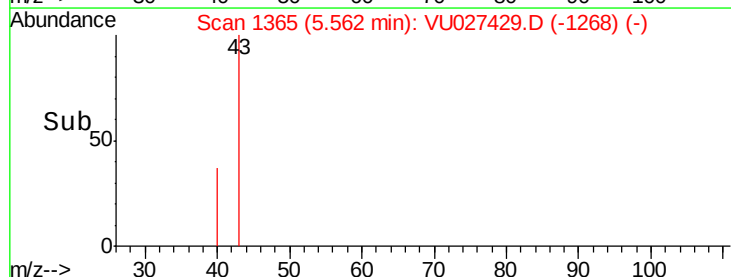
87 0.0 8.6 13.0#

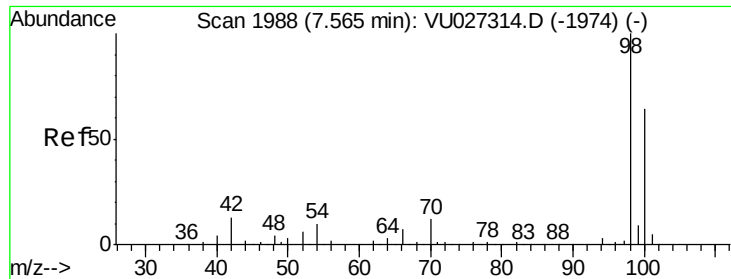


Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 87.00 (86.70 to 87.70): VU0

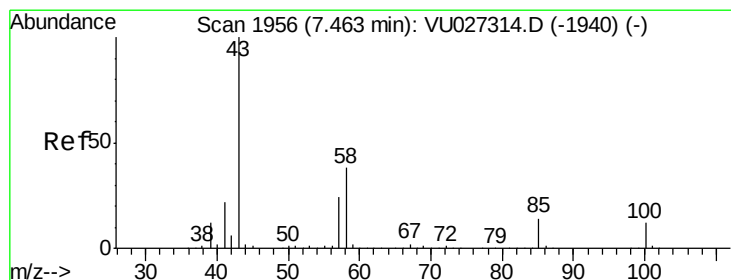
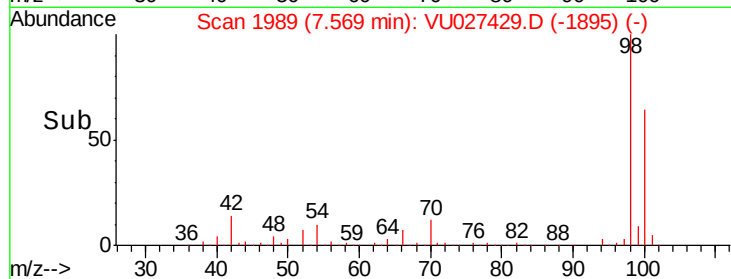
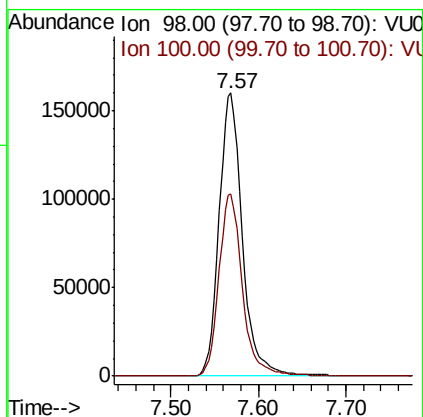
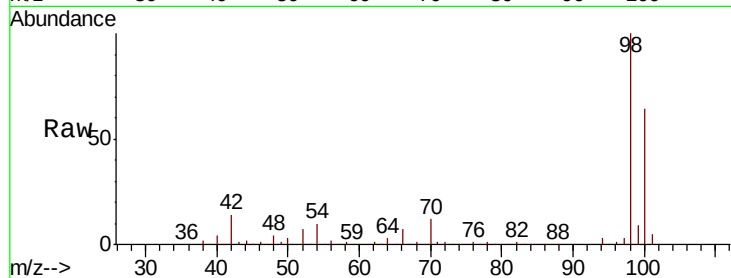




#50
Toluene-d8
Concen: 60.031 ug/l
RT: 7.57 min Scan# 1989
Delta R.T. 0.00 min
Lab File: VU027429.D
Acq: 04 Oct 2018 23:30

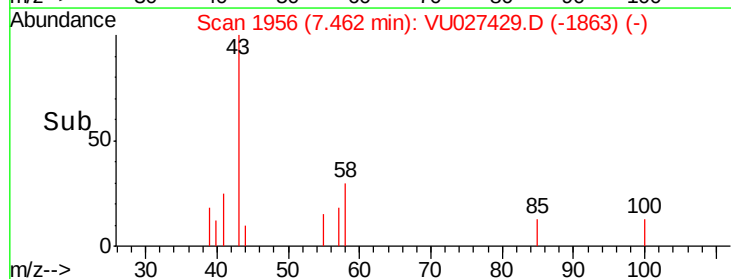
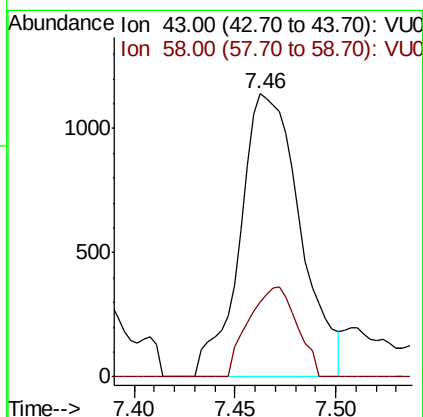
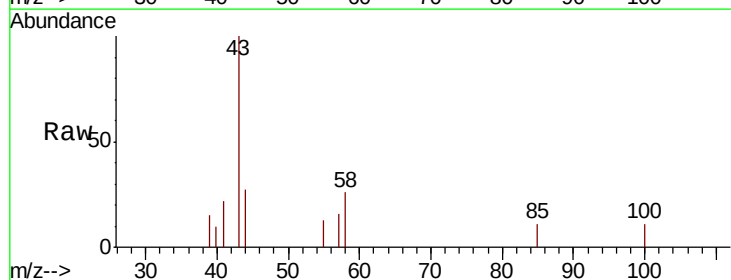
Instrument :
MSVOA_U
ClientSampleId :
EP1-MW-092718FD-W

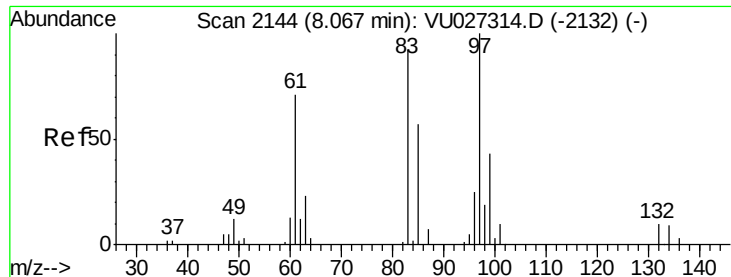
Tgt Ion: 98 Resp: 295607
Ion Ratio Lower Upper
98 100
100 64.8 52.1 78.1



#51
4-Methyl-2-Pentanone
Concen: 0.876 ug/l
RT: 7.46 min Scan# 1956
Delta R.T. -0.00 min
Lab File: VU027429.D
Acq: 04 Oct 2018 23:30

Tgt Ion: 43 Resp: 2382
Ion Ratio Lower Upper
43 100
58 25.5 29.8 44.8#

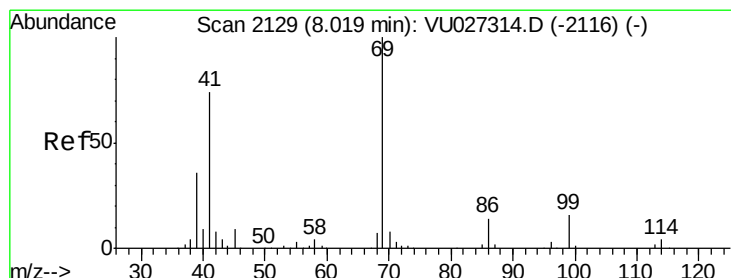
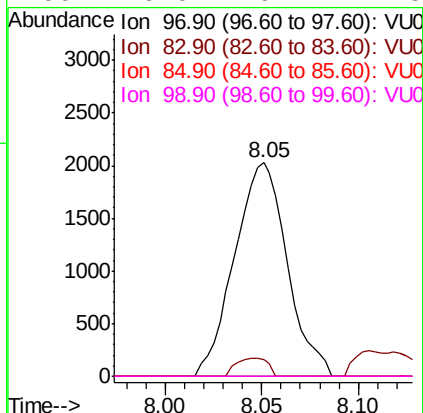
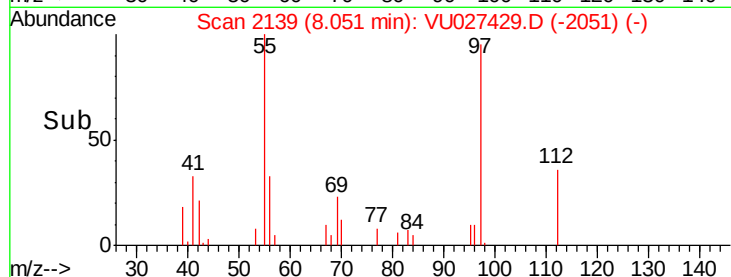
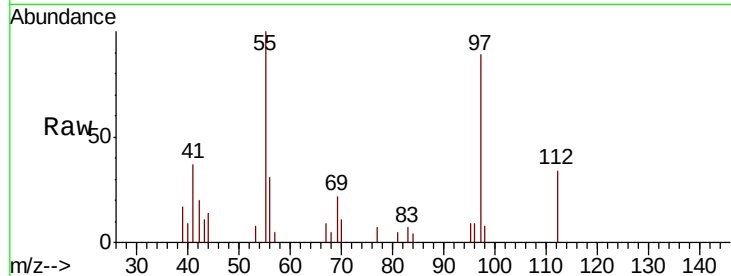




#55
1,1,2-Trichloroethane
Concen: 2.686 ug/l
RT: 8.05 min Scan# 2139
Delta R.T. -0.02 min
Lab File: VU027429.D
Acq: 04 Oct 2018 23:30

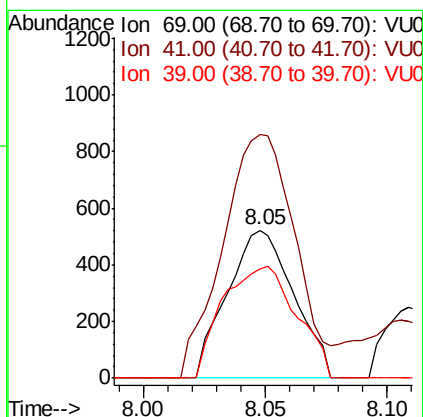
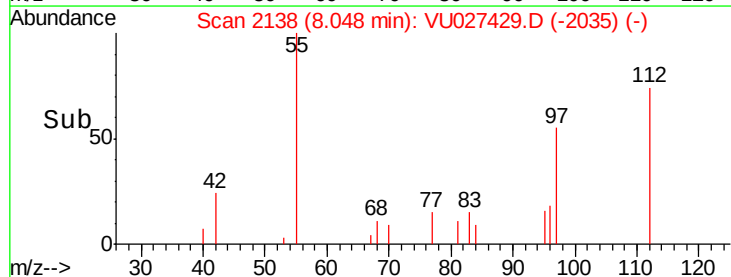
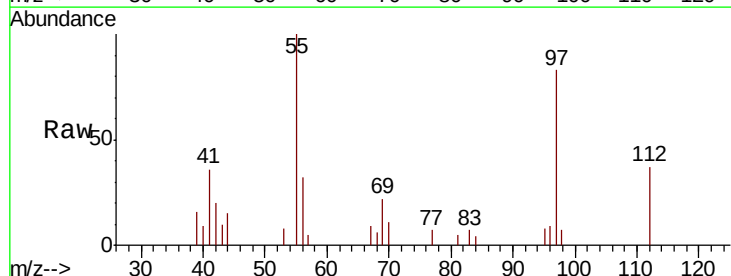
Instrument :
MSVOA_U
ClientSampleId :
EP1-MW-092718FD-W

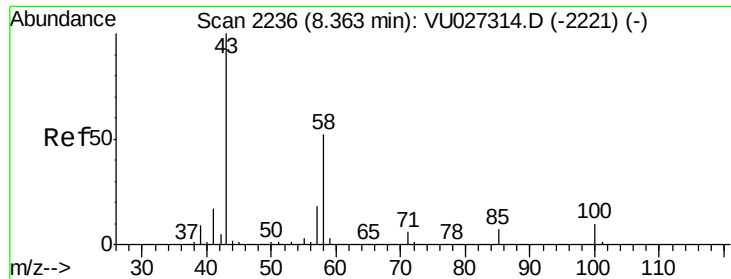
Tgt Ion: 97 Resp: 3827
Ion Ratio Lower Upper
97 100
83 7.8 73.0 109.6#
85 0.0 47.3 70.9#
99 0.0 49.7 74.5#



#56
Ethyl methacrylate
Concen: 2.616 ug/l
RT: 8.05 min Scan# 2138
Delta R.T. 0.03 min
Lab File: VU027429.D
Acq: 04 Oct 2018 23:30

Tgt Ion: 69 Resp: 984
Ion Ratio Lower Upper
69 100
41 179.2 60.0 90.0#
39 84.1 29.5 44.3#

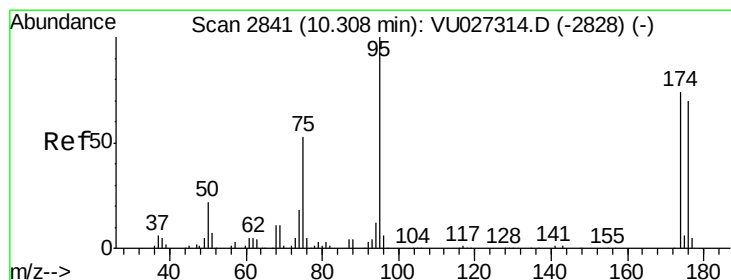
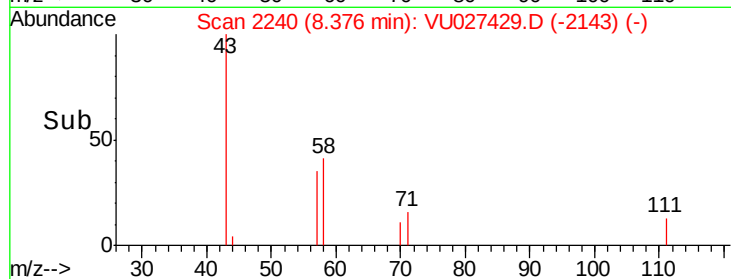
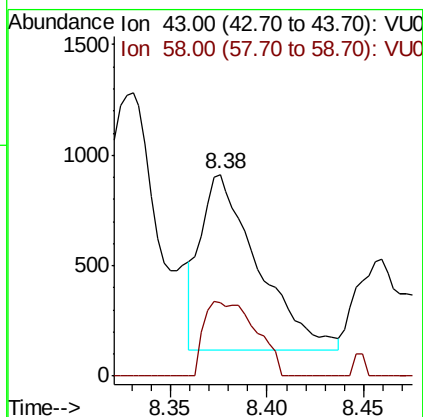
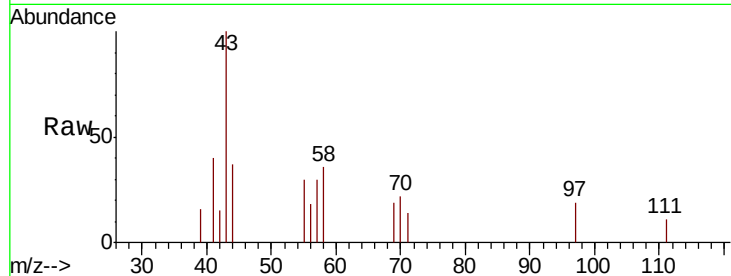




#59
2-Hexanone
Concen: 0.774 ug/l
RT: 8.38 min Scan# 2240
Delta R.T. 0.01 min
Lab File: VU027429.D
Acq: 04 Oct 2018 23:30

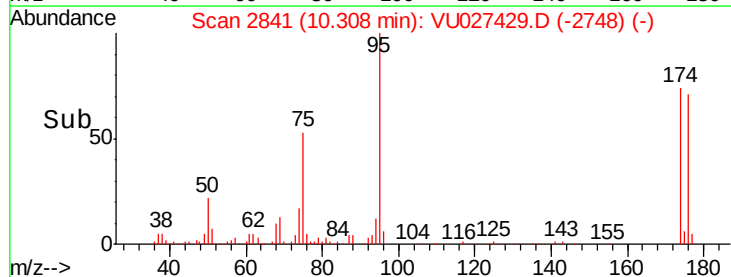
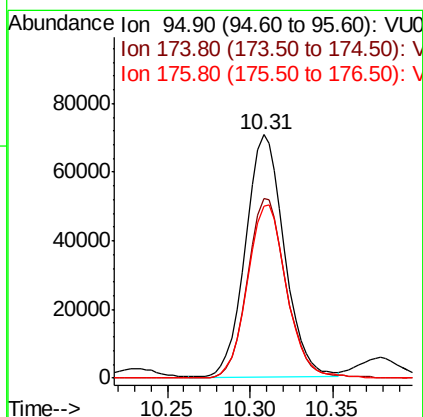
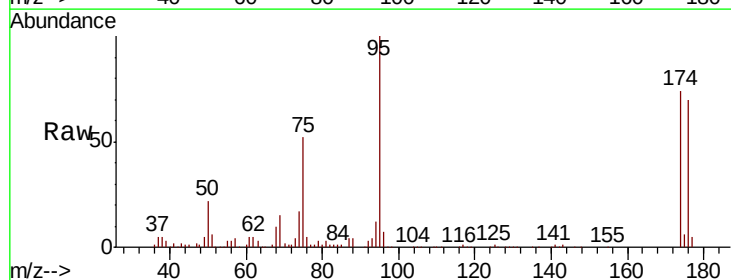
Instrument :
MSVOA_U
ClientSampleId :
EP1-MW-092718FD-W

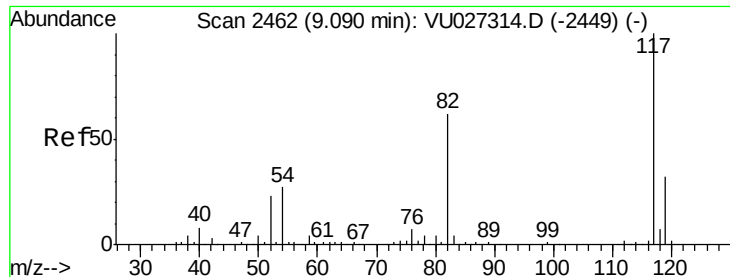
Tgt Ion: 43 Resp: 1633
Ion Ratio Lower Upper
43 100
58 38.6 26.1 78.3



#62
4-Bromofluorobenzene
Concen: 62.921 ug/l
RT: 10.31 min Scan# 2841
Delta R.T. -0.00 min
Lab File: VU027429.D
Acq: 04 Oct 2018 23:30

Tgt Ion: 95 Resp: 115148
Ion Ratio Lower Upper
95 100
174 73.8 0.0 147.8
176 72.3 0.0 140.8

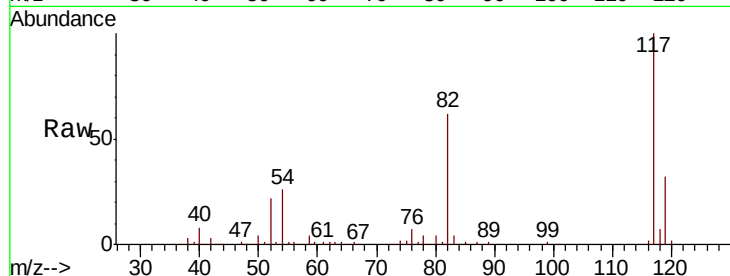




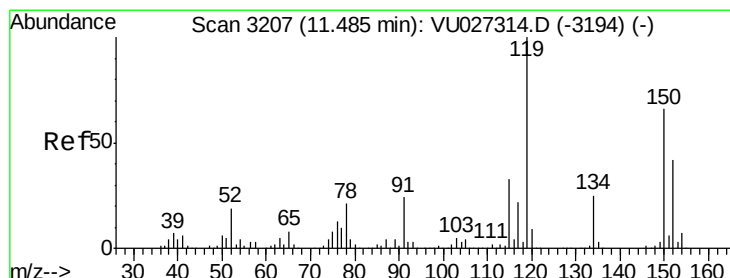
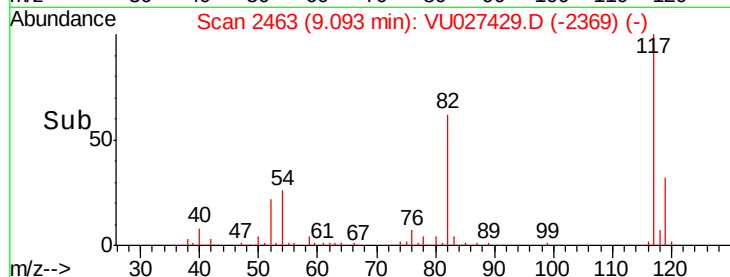
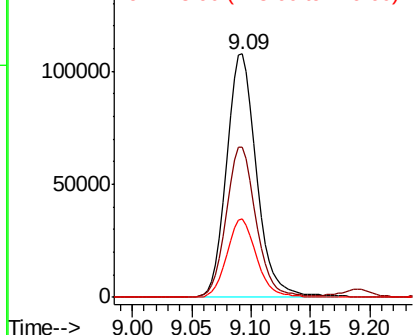
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2463
Delta R.T. 0.00 min
Lab File: VU027429.D
Acq: 04 Oct 2018 23:30

Instrument :
MSVOA_U
ClientSampleId :
EP1-MW-092718FD-W

Tgt Ion:117 Resp: 188211
Ion Ratio Lower Upper
117 100
82 61.7 49.2 73.8
119 32.2 25.7 38.5

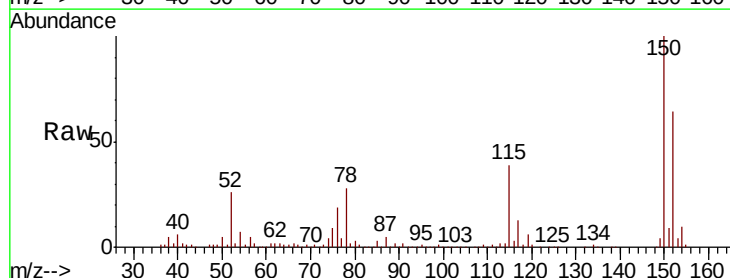


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VU0
Ion 118.90 (118.60 to 119.60): V

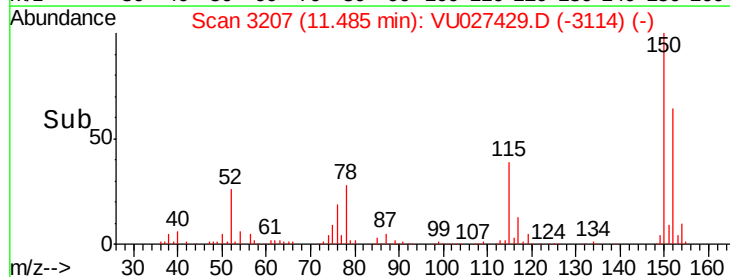
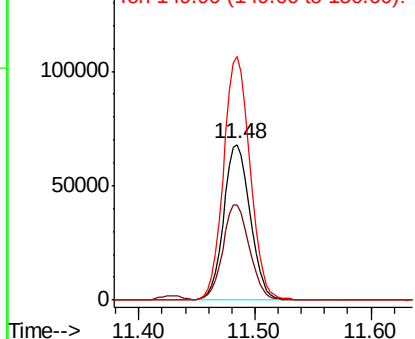


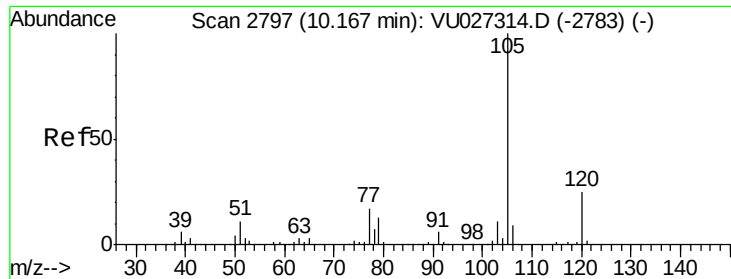
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.48 min Scan# 3207
Delta R.T. -0.00 min
Lab File: VU027429.D
Acq: 04 Oct 2018 23:30

Tgt Ion:152 Resp: 108122
Ion Ratio Lower Upper
152 100
115 61.2 43.4 130.2
150 156.0 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: 0.766 ug/l

RT: 10.17 min Scan# 2798

Delta R.T. 0.00 min

Lab File: VU027429.D

Acq: 04 Oct 2018 23:30

Instrument :

MSVOA_U

ClientSampleId :

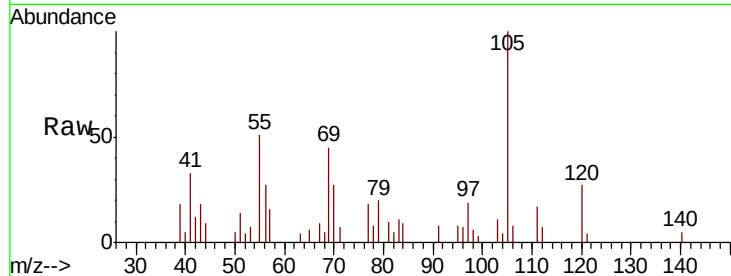
EP1-MW-092718FD-W

Tgt Ion: 105 Resp: 6019

Ion Ratio Lower Upper

105 100

120 25.3 12.6 37.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

10.17

4000

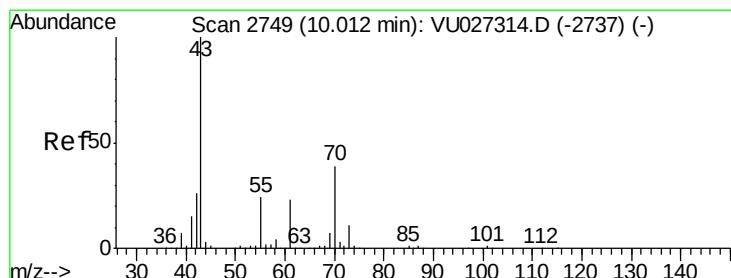
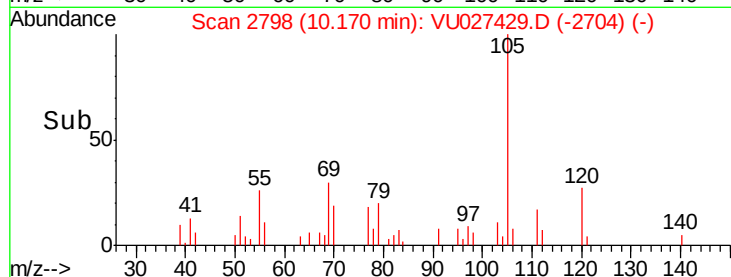
3000

2000

1000

0

Time--> 10.10 10.15 10.20



#74

N-ethyl acetate

Concen: 0.212 ug/l

RT: 10.01 min Scan# 2748

Delta R.T. -0.00 min

Lab File: VU027429.D

Acq: 04 Oct 2018 23:30

Tgt Ion: 43 Resp: 955

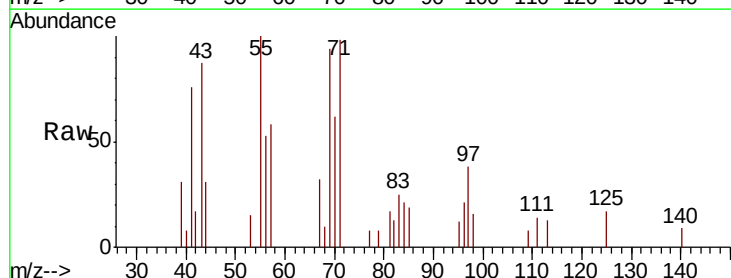
Ion Ratio Lower Upper

43 100

70 110.5 31.3 46.9#

55 0.0 19.0 28.6#

61 0.0 18.5 27.7#



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 70.00 (69.70 to 70.70): VU0

Ion 55.00 (54.70 to 55.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

8000

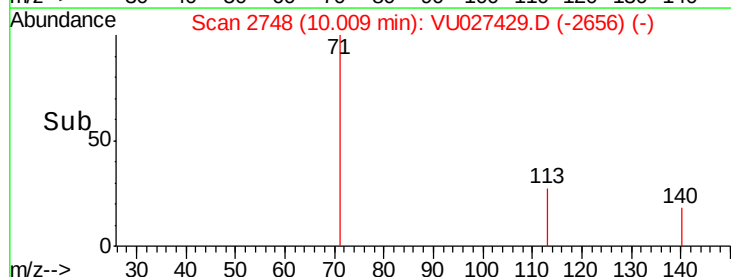
6000

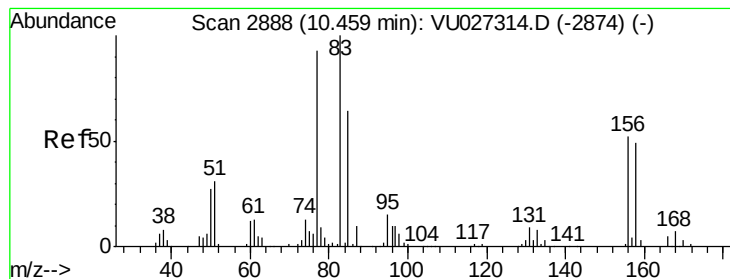
4000

2000

0

Time--> 9.98 10.00 10.02





#75

1,1,2,2-Tetrachloroethane

Concen: 3.391 ug/l

RT: 10.49 min Scan# 2898

Delta R.T. 0.03 min

Lab File: VU027429.D

Acq: 04 Oct 2018 23:30

Instrument :

MSVOA_U

ClientSampleId :

EP1-MW-092718FD-W

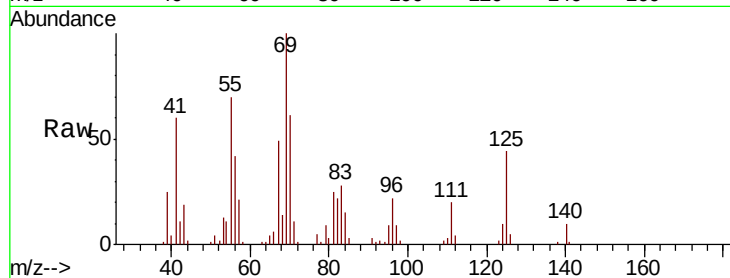
Tgt Ion: 83 Resp: 10457

Ion Ratio Lower Upper

83 100

131 0.0 4.4 13.2#

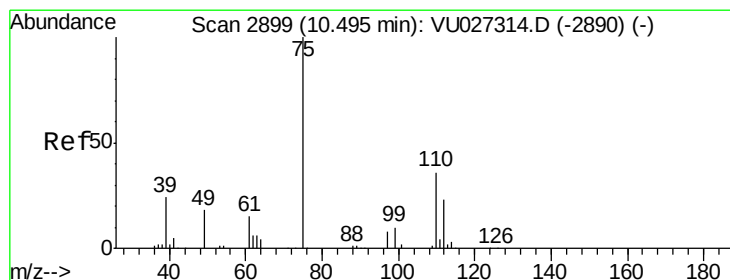
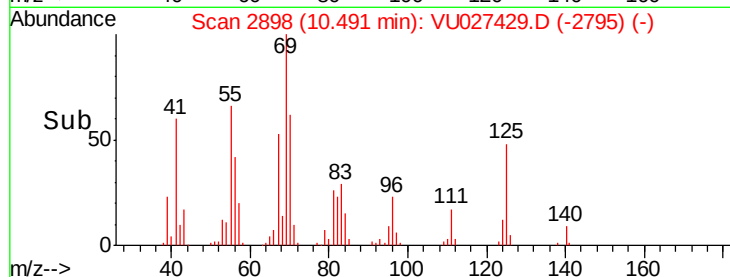
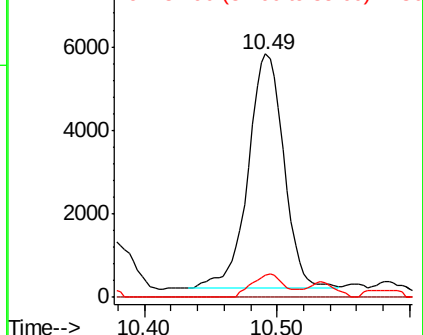
85 9.7 32.0 96.0#



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: 21.371 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. -0.19 min

Lab File: VU027429.D

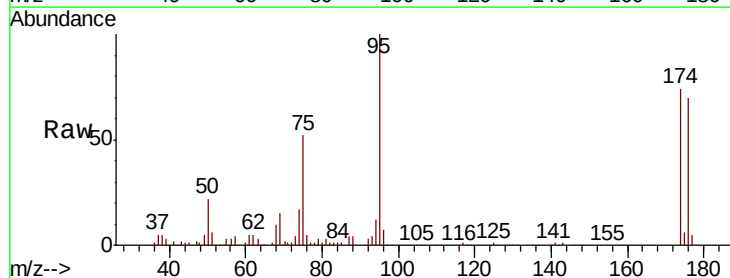
Acq: 04 Oct 2018 23:30

Tgt Ion: 75 Resp: 59899

Ion Ratio Lower Upper

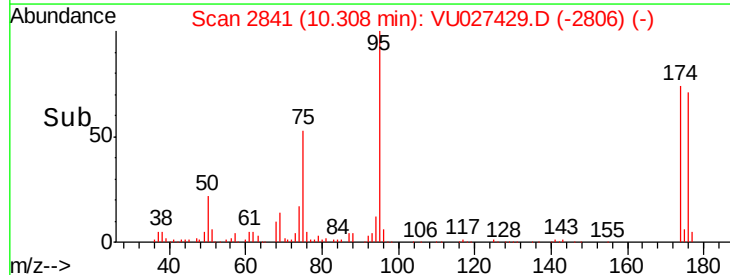
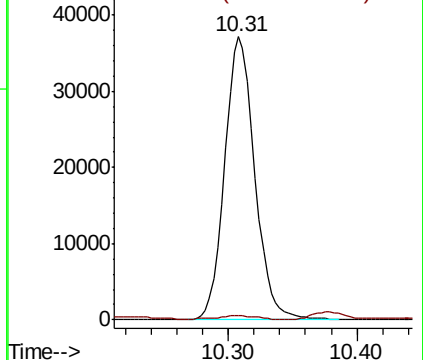
75 100

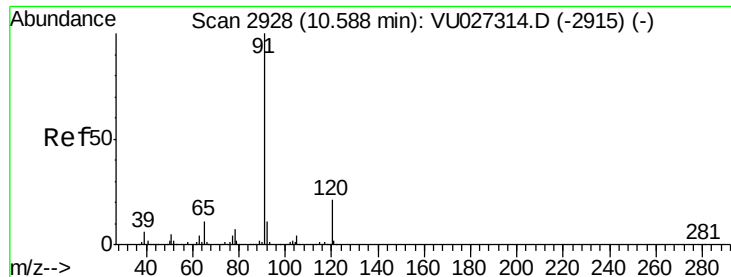
77 1.8 20.3 60.9#



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: 1.003 ug/l

RT: 10.59 min Scan# 2928

Delta R.T. -0.00 min

Lab File: VU027429.D

Acq: 04 Oct 2018 23:30

Instrument :

MSVOA_U

ClientSampleId :

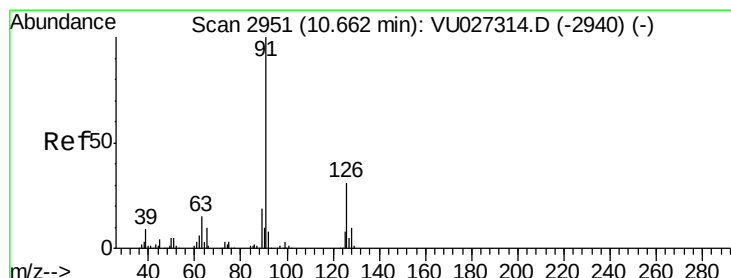
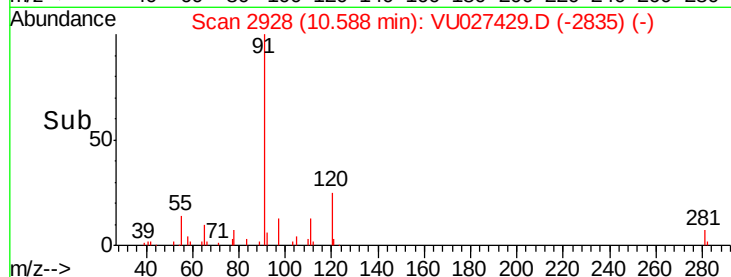
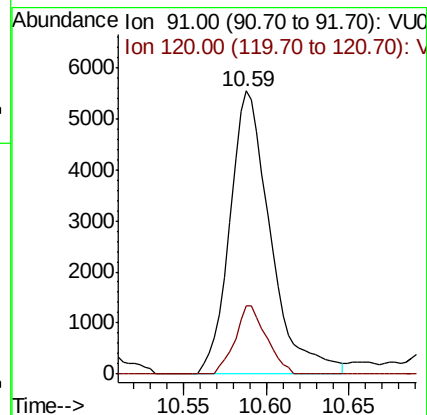
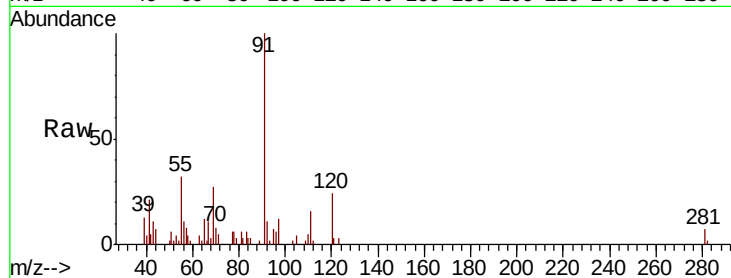
EP1-MW-092718FD-W

Tgt Ion: 91 Resp: 9462

Ion Ratio Lower Upper

91 100

120 18.6 10.6 31.8



#79

2-Chlorotoluene

Concen: 1.661 ug/l

RT: 10.59 min Scan# 2928

Delta R.T. -0.07 min

Lab File: VU027429.D

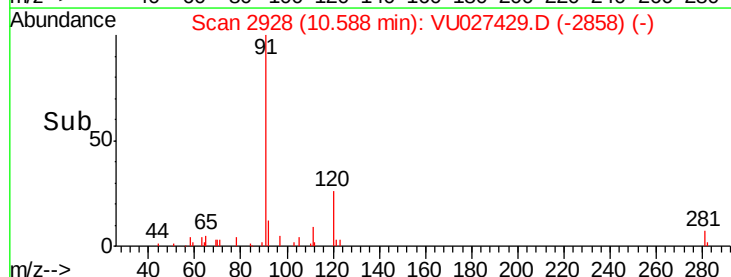
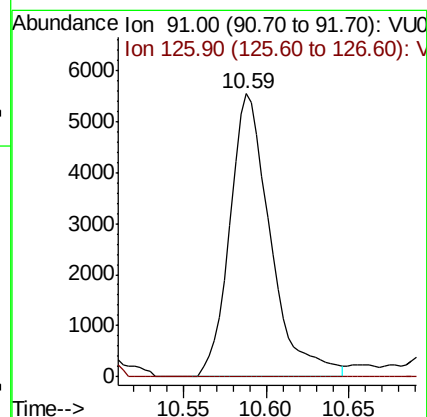
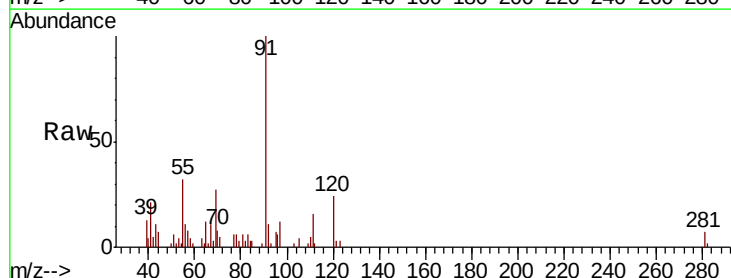
Acq: 04 Oct 2018 23:30

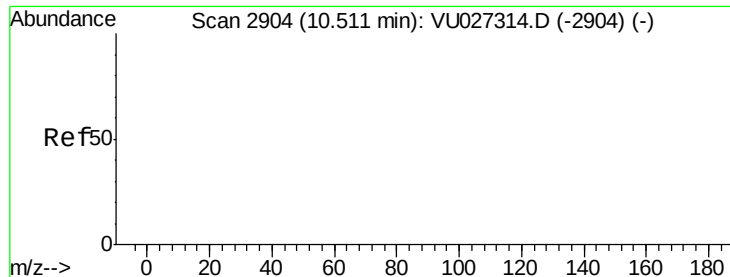
Tgt Ion: 91 Resp: 9462

Ion Ratio Lower Upper

91 100

126 0.0 15.7 47.1#

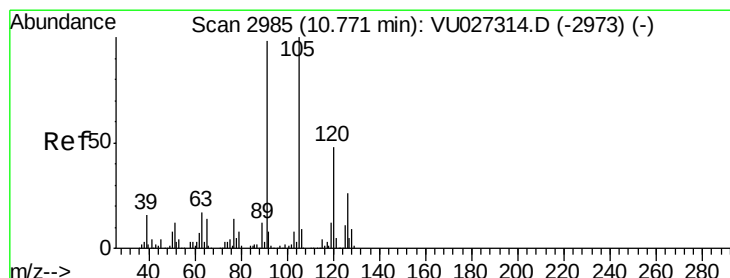
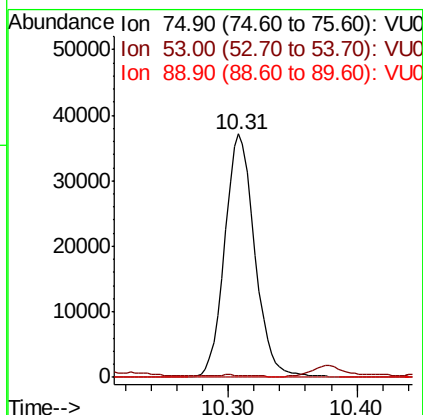
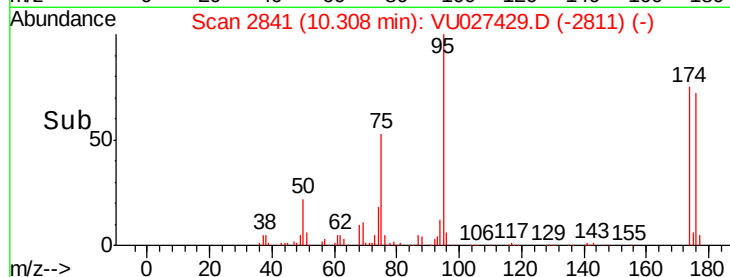
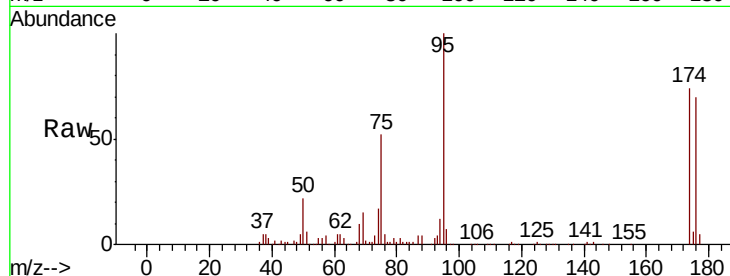




#81
trans-1,4-Dichloro-2-butene
Concen: 55.931 ug/l
RT: 10.31 min Scan# 2841
Delta R.T. -0.20 min
Lab File: VU027429.D
Acq: 04 Oct 2018 23:30

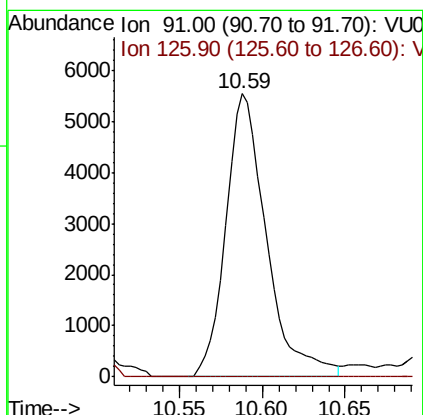
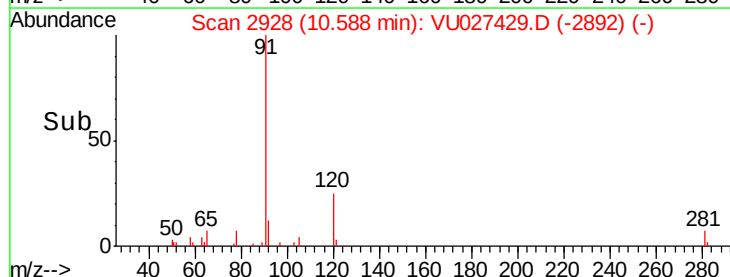
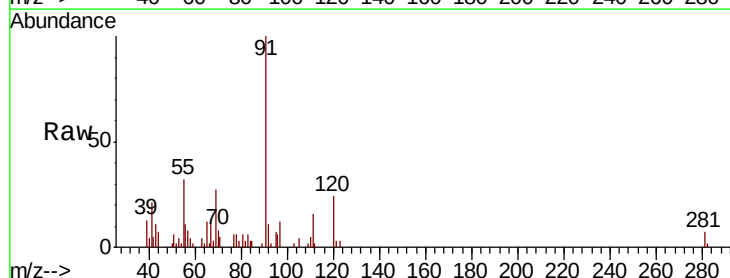
Instrument :
MSVOA_U
ClientSampleId :
EP1-MW-092718FD-W

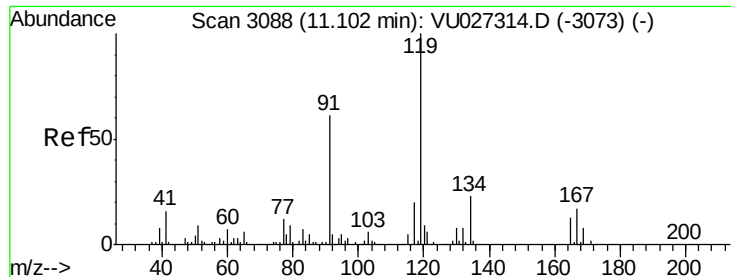
Tgt Ion: 75 Resp: 59899
Ion Ratio Lower Upper
75 100
53 0.8 0.0 0.0#
89 0.0 0.0 0.0



#82
4-Chlorotoluene
Concen: 1.463 ug/l
RT: 10.59 min Scan# 2928
Delta R.T. -0.18 min
Lab File: VU027429.D
Acq: 04 Oct 2018 23:30

Tgt Ion: 91 Resp: 9462
Ion Ratio Lower Upper
91 100
126 0.0 13.6 40.8#

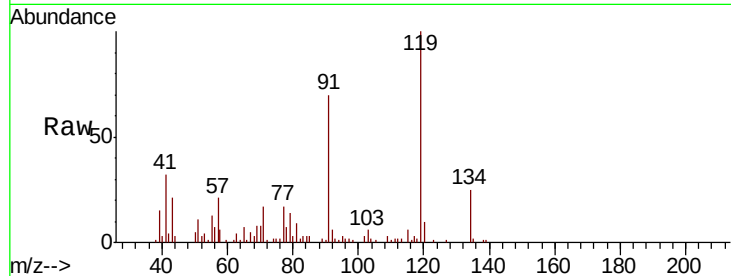




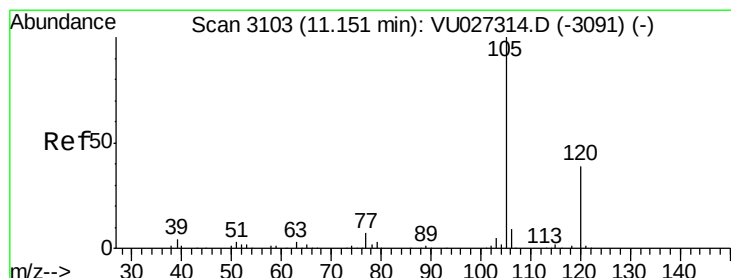
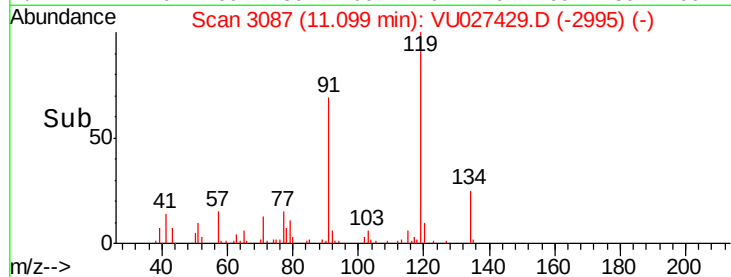
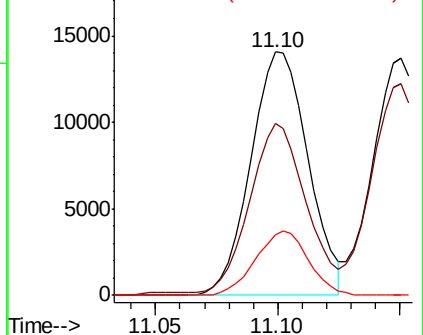
#83
 tert-Butylbenzene
 Concen: 3.703 ug/l
 RT: 11.10 min Scan# 3087
 Delta R.T. -0.00 min
 Lab File: VU027429.D
 Acq: 04 Oct 2018 23:30

Instrument :
 MSVOA_U
 ClientSampleId :
 EP1-MW-092718FD-W

Tgt Ion:119 Resp: 22888
 Ion Ratio Lower Upper
 119 100
 91 70.7 30.3 91.0
 134 24.4 11.5 34.4

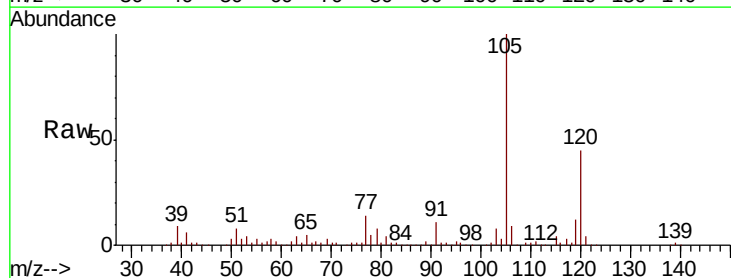


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): VU0
 Ion 134.00 (133.70 to 134.70): V

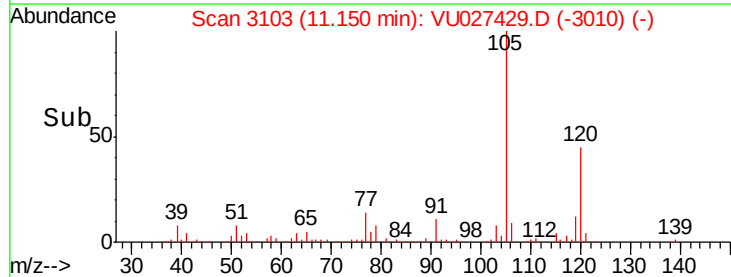
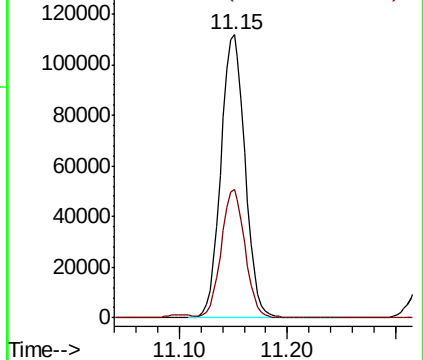


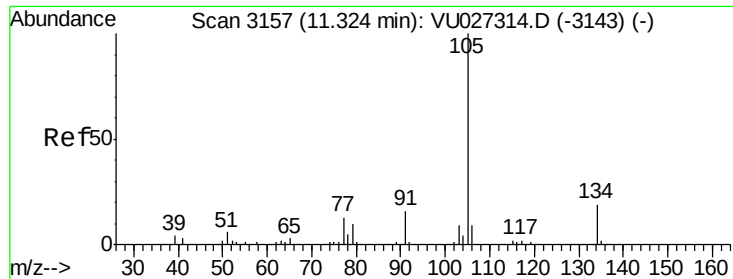
#84
 1,2,4-Trimethylbenzene
 Concen: 26.616 ug/l
 RT: 11.15 min Scan# 3103
 Delta R.T. -0.00 min
 Lab File: VU027429.D
 Acq: 04 Oct 2018 23:30

Tgt Ion:105 Resp: 173822
 Ion Ratio Lower Upper
 105 100
 120 44.5 22.1 66.5



Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 2.826 ug/l

RT: 11.32 min Scan# 3157

Delta R.T. -0.00 min

Lab File: VU027429.D

Acq: 04 Oct 2018 23:30

Instrument :

MSVOA_U

ClientSampleId :

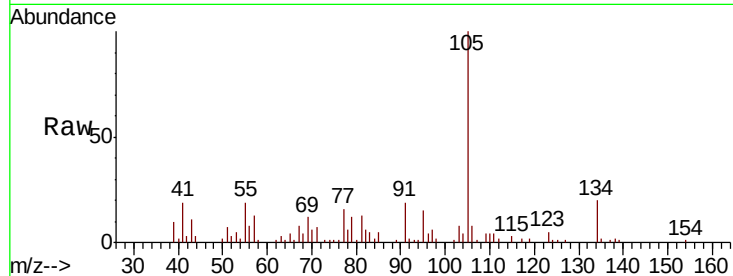
EP1-MW-092718FD-W

Tgt Ion:105 Resp: 22005

Ion Ratio Lower Upper

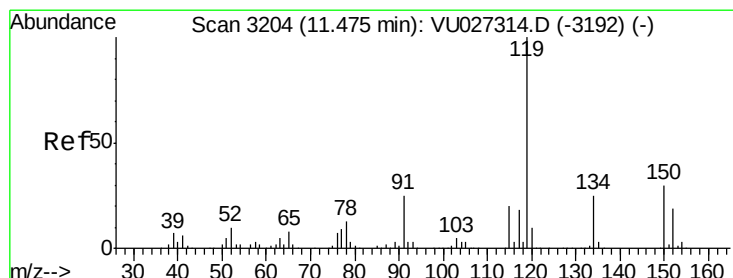
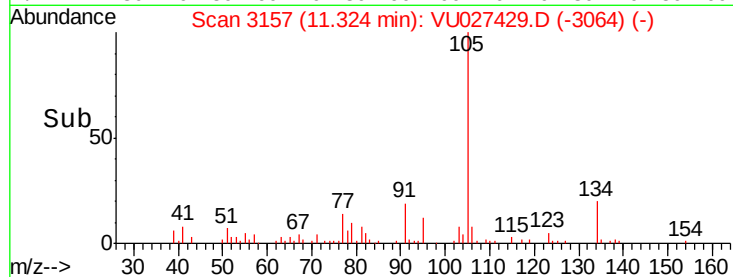
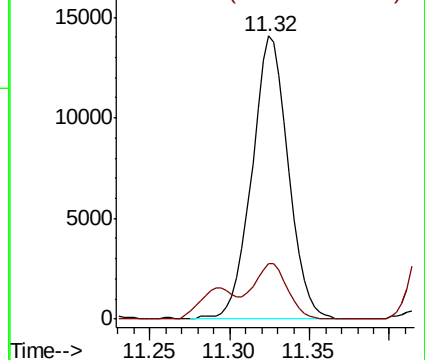
105 100

134 18.1 9.6 28.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 1.887 ug/l

RT: 11.48 min Scan# 3205

Delta R.T. 0.00 min

Lab File: VU027429.D

Acq: 04 Oct 2018 23:30

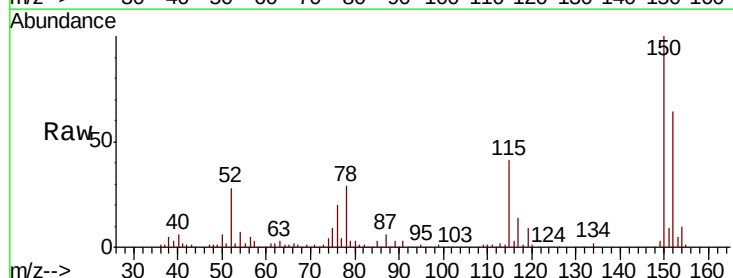
Tgt Ion:119 Resp: 12583

Ion Ratio Lower Upper

119 100

134 25.0 12.7 38.1

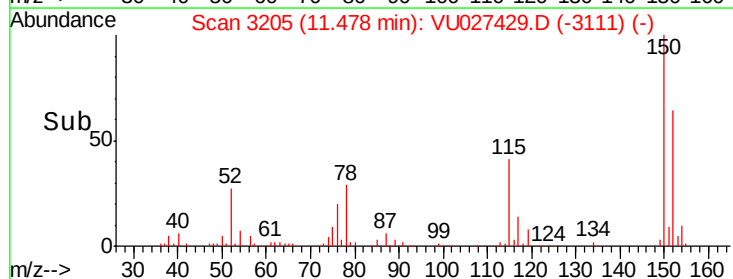
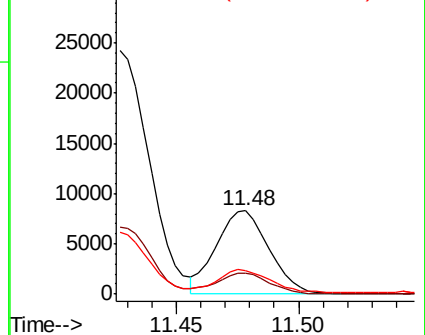
91 26.8 12.2 36.4

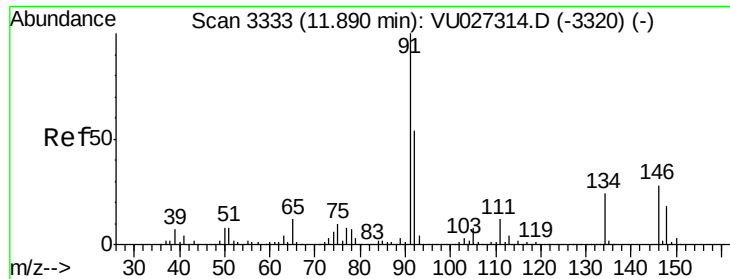


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VU0

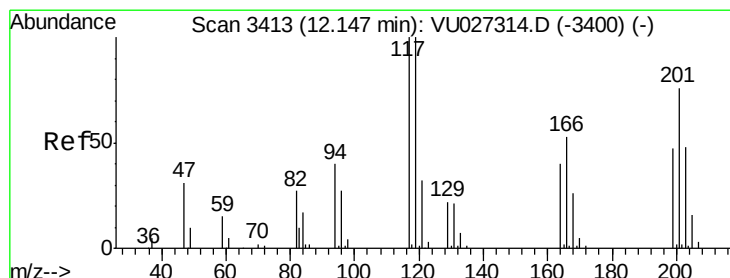
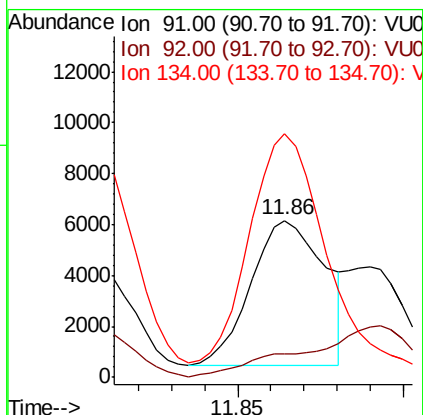
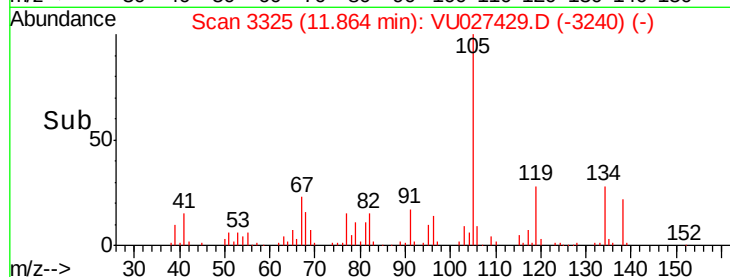
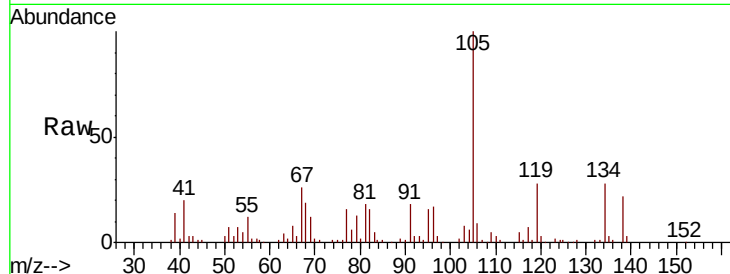




#89
n-Butylbenzene
Concen: 3.152 ug/l
RT: 11.86 min Scan# 3325
Delta R.T. -0.03 min
Lab File: VU027429.D
Acq: 04 Oct 2018 23:30

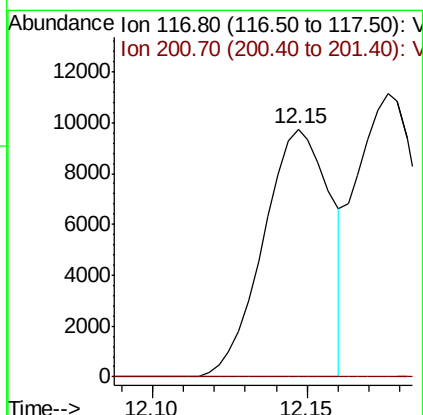
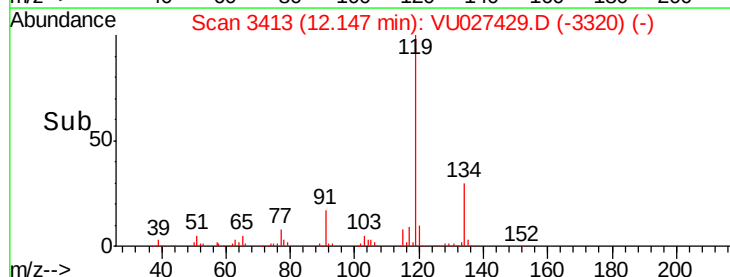
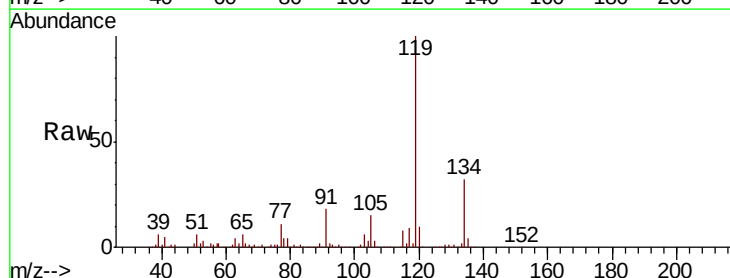
Instrument :
MSVOA_U
ClientSampleId :
EP1-MW-092718FD-W

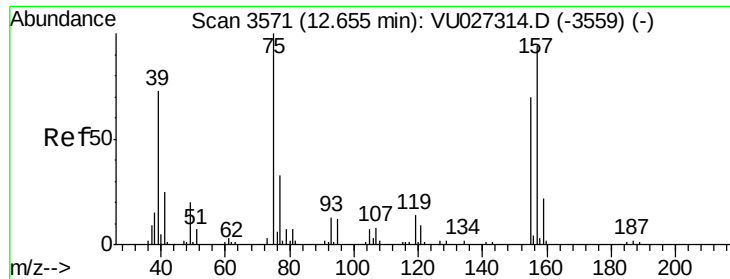
Tgt Ion: 91 Resp: 8854
Ion Ratio Lower Upper
91 100
92 0.0 27.0 81.0#
134 183.1 11.7 35.1#



#90
Hexachloroethane
Concen: 11.663 ug/l
RT: 12.15 min Scan# 3413
Delta R.T. -0.00 min
Lab File: VU027429.D
Acq: 04 Oct 2018 23:30

Tgt Ion: 117 Resp: 14658
Ion Ratio Lower Upper
117 100
201 0.0 37.9 113.6#





#92

1,2-Dibromo-3-Chloropropane

Concen: 2.714 ug/l

RT: 12.65 min Scan# 3570

Delta R.T. -0.00 min

Lab File: VU027429.D

Acq: 04 Oct 2018 23:30

Instrument :

MSVOA_U

ClientSampleId :

EP1-MW-092718FD-W

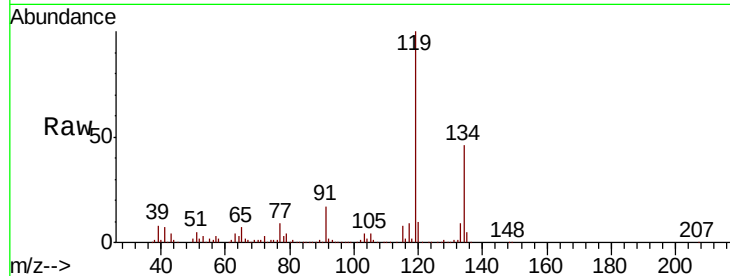
Tgt Ion: 75 Resp: 1855

Ion Ratio Lower Upper

75 100

155 0.0 35.9 107.8#

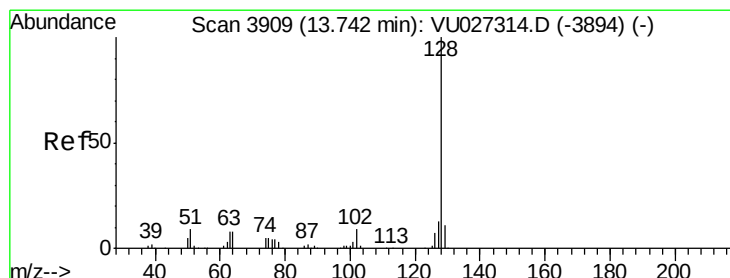
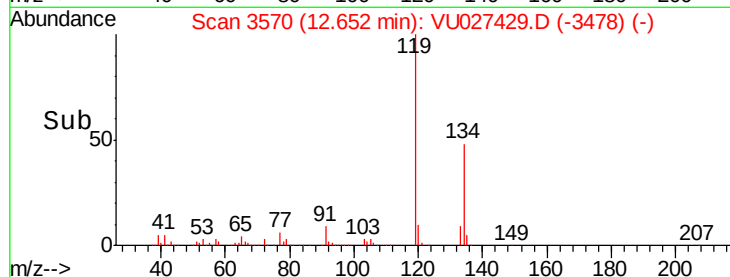
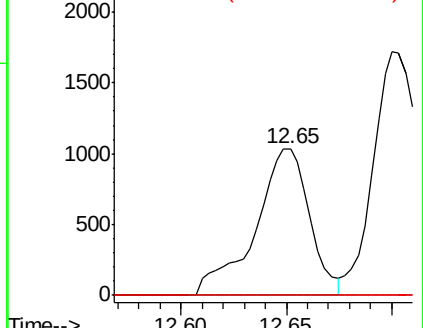
157 0.0 46.9 140.6#



Abundance Ion 74.90 (74.60 to 75.60): VU027314.D (-3559) (-)

Ion 154.80 (154.50 to 155.50): VU027314.D (-3559) (-)

Ion 156.80 (156.50 to 157.50): VU027314.D (-3559) (-)



#95

Naphthalene

Concen: 1.995 ug/l

RT: 13.74 min Scan# 3907

Delta R.T. -0.01 min

Lab File: VU027429.D

Acq: 04 Oct 2018 23:30

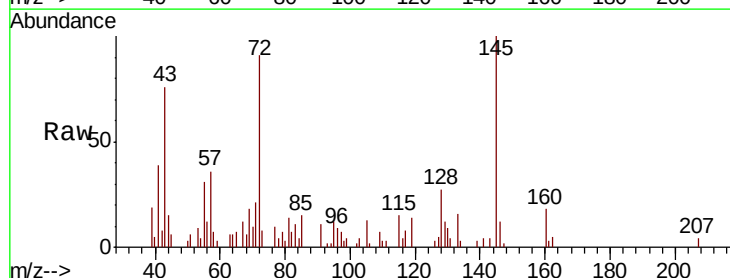
Tgt Ion: 128 Resp: 2832

Ion Ratio Lower Upper

128 100

127 22.7 10.5 15.7#

129 48.5 8.6 12.8#



Abundance Ion 128.00 (127.70 to 128.70): VU027314.D (-3894) (-)

Ion 127.00 (126.70 to 127.70): VU027314.D (-3894) (-)

Ion 129.00 (128.70 to 129.70): VU027314.D (-3894) (-)

