

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU100418\
 Data File : VU027431.D
 Acq On : 05 Oct 2018 00:17
 Operator : MD/SY
 Sample : J5165-16
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 42 Sample Multiplier: 1

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

Quant Time: Oct 05 03:19:48 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	112125	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	194153	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	193211	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	108332	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.31	65	107415	57.37	ug/l	0.00
Spiked Amount			Recovery	=	114.74%	
35) Dibromofluoromethane	4.89	113	76994	57.86	ug/l	0.00
Spiked Amount			Recovery	=	115.72%	
50) Toluene-d8	7.57	98	306560	61.56	ug/l	0.00
Spiked Amount			Recovery	=	123.12%	
62) 4-Bromofluorobenzene	10.31	95	118840	64.21	ug/l	0.00
Spiked Amount			Recovery	=	128.42%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.33	50	670	0.306	ug/l #	42
11) Tert butyl alcohol	2.83	59	8906	22.588	ug/l #	93
16) Acetone	2.32	43	29743	26.891	ug/l	97
17) Carbon Disulfide	2.48	76	10045	2.352	ug/l	100
18) Methyl Acetate	2.62	43	2070	0.820	ug/l #	74
20) Methylene Chloride	2.70	84	914	0.593	ug/l	84
25) 2-Butanone	4.28	43	9190	6.093	ug/l	95
27) cis-1,2-Dichloroethene	4.23	96	713	0.469	ug/l	87
28) Bromochloromethane	4.68	49	322	0.227	ug/l #	24
29) Tetrahydrofuran	4.66	42	271	0.285	ug/l #	39
30) Chloroform	4.68	83	5753	2.203	ug/l	84
31) Cyclohexane	4.99	56	4267	1.189	ug/l #	13
36) 1,1-Dichloropropene	4.98	75	9901	4.697	ug/l #	50
37) Ethyl Acetate	4.28	43	9190	3.373	ug/l #	70
38) Carbon Tetrachloride	4.99	117	11099	5.829	ug/l #	17
39) Methylcyclohexane	6.42	83	6938	2.815	ug/l	97
44) Trichloroethene	6.19	130	280	0.204	ug/l	83
47) Bromodichloromethane	6.76	83	667	0.321	ug/l #	97
51) 4-Methyl-2-Pentanone	7.46	43	901	0.328	ug/l	95
55) 1,1,2-Trichloroethane	8.05	97	8654	6.005	ug/l #	17
56) Ethyl methacrylate	8.05	69	2260	3.053	ug/l #	7
59) 2-Hexanone	8.17	43	2138	1.002	ug/l	80
60) Dibromochloromethane	8.23	129	613	0.424	ug/l #	10
64) Tetrachloroethene	8.23	164	738	0.614	ug/l	90
67) Ethyl Benzene	9.25	91	8392	1.165	ug/l	93
68) m/p-Xylenes	9.38	106	100281	38.048	ug/l	99
69) o-Xylene	9.78	106	2153	0.860	ug/l	97
73) Isopropylbenzene	10.17	105	82011	10.423	ug/l	100
74) N-amyl acetate	10.04	43	15409	3.421	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	10.49	83	12673	4.102	ug/l #	38
76) 1,2,3-Trichloropropane	10.31	75	62347	22.202	ug/l #	35
78) n-propylbenzene	10.59	91	130987	13.855	ug/l	99
79) 2-Chlorotoluene	10.71	91	129658	22.713	ug/l #	46
80) 1,3,5-Trimethylbenzene	10.77	105	491223	76.685	ug/l	99

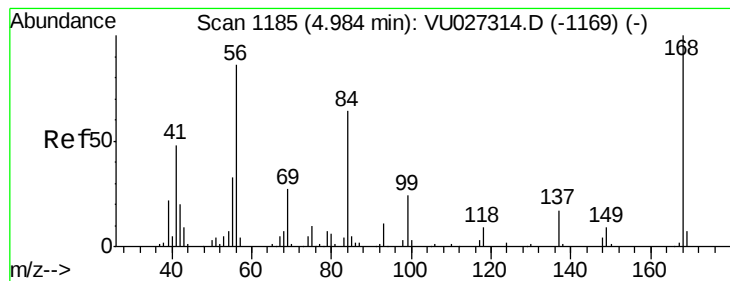
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU100418\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
81) trans-1,4-Dichloro-2-buten	10.71	75	9232	8.604	ug/l #	100
82) 4-Chlorotoluene	10.77	91	53096	8.196	ug/l #	48
83) tert-Butylbenzene	11.10	119	86481	13.965	ug/l	90
84) 1,2,4-Trimethylbenzene	11.15	105	6015091	919.258	ug/l	99
85) sec-Butylbenzene	11.15	105	6015091	770.910	ug/l #	58
86) p-Isopropyltoluene	11.48	119	306074	45.815	ug/l	100
87) 1,3-Dichlorobenzene	11.51	146	1087	0.314	ug/l #	20
88) 1,4-Dichlorobenzene	11.51	146	1087	0.307	ug/l #	20
89) n-Butylbenzene	11.89	91	120622	18.301	ug/l #	68
90) Hexachloroethane	12.15	117	54249	43.080	ug/l #	12
92) 1,2-Dibromo-3-Chloropropan	12.65	75	4357	6.363	ug/l #	7
95) Naphthalene	13.74	128	7811	2.582	ug/l #	71

(#) = 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: VU027431.D

Acq: 05 Oct 2018 00:17

Instrument :

MSVOA_U

ClientSampleId :

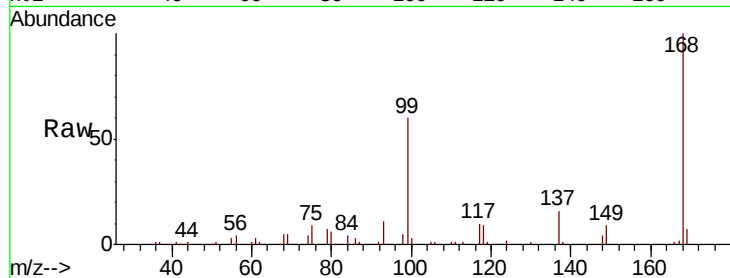
EP1-MW-D-092718

Tgt Ion:168 Resp: 112125

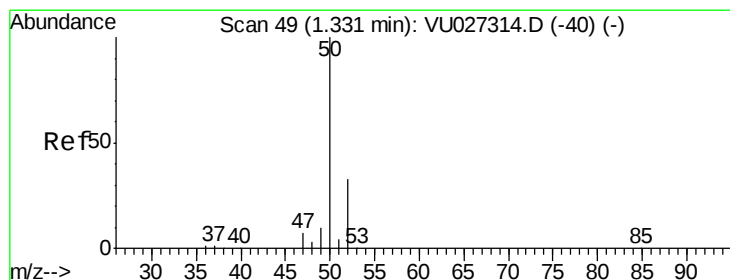
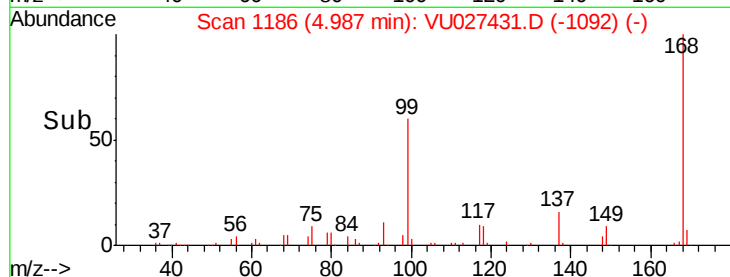
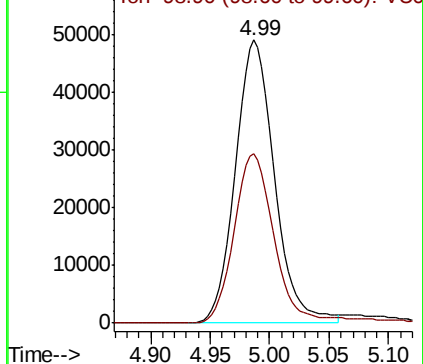
Ion Ratio Lower Upper

168 100

99 59.8 50.8 76.2



Abundance Ion 167.90 (167.60 to 168.60): VU027431.D (-1169) (-)



#3

Chloromethane

Concen: 0.306 ug/l

RT: 1.33 min Scan# 49

Delta R.T. -0.00 min

Lab File: VU027431.D

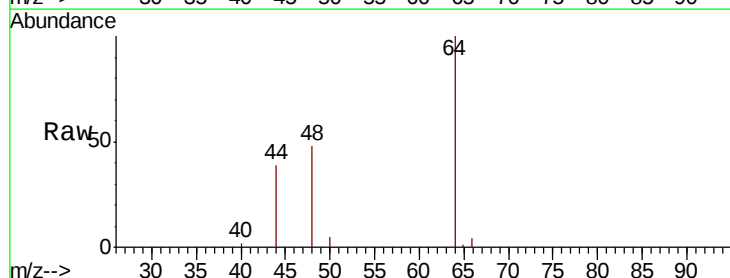
Acq: 05 Oct 2018 00:17

Tgt Ion: 50 Resp: 670

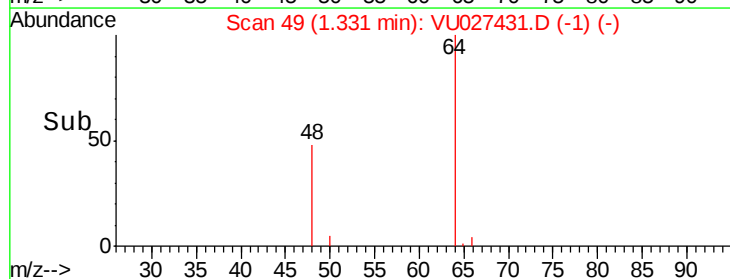
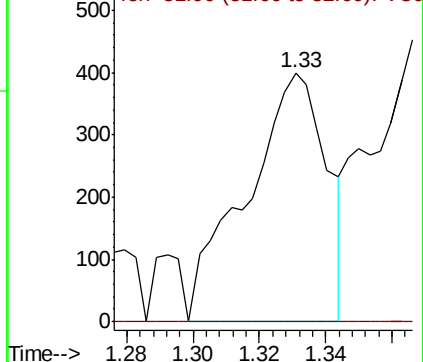
Ion Ratio Lower Upper

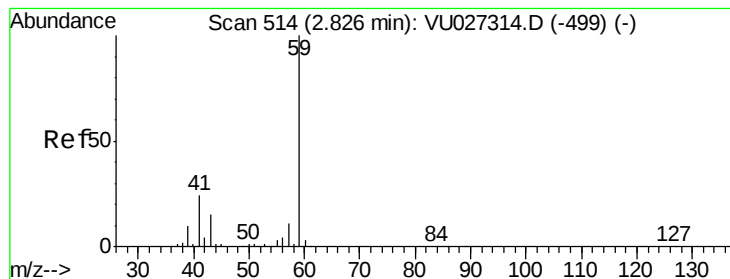
50 100

52 0.0 26.5 39.7#



Abundance Ion 49.90 (49.60 to 50.60): VU027431.D (-40) (-)





#11

Tert butyl alcohol

Concen: 22.588 ug/l

RT: 2.83 min Scan# 515

Delta R.T. 0.00 min

Lab File: VU027431.D

Acq: 05 Oct 2018 00:17

Instrument :

MSVOA_U

ClientSampleId :

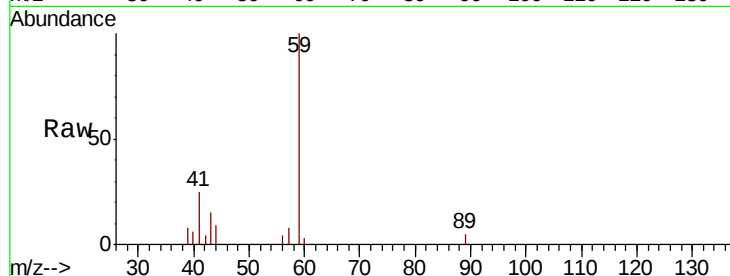
EP1-MW-D-092718

Tgt Ion: 59 Resp: 8906

Ion Ratio Lower Upper

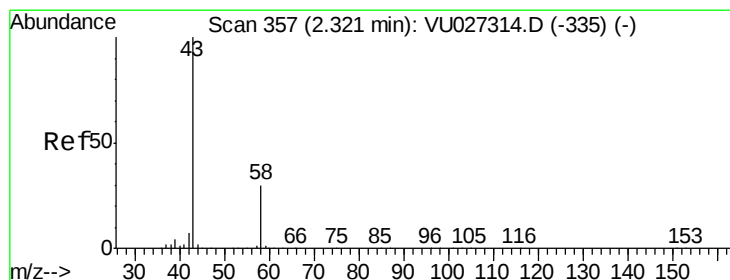
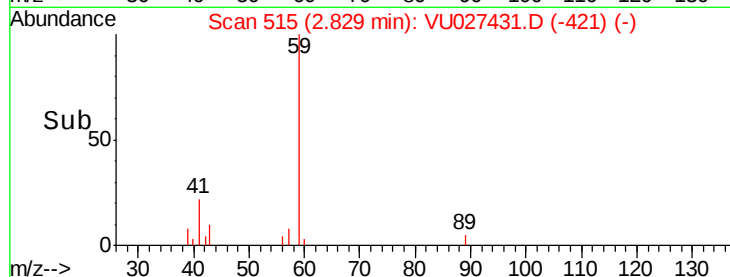
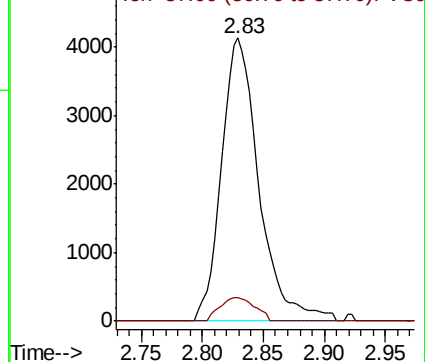
59 100

57 7.7 8.4 12.6#



Abundance Ion 59.00 (58.70 to 59.70): VU0

Ion 57.00 (56.70 to 57.70): VU0



#16

Acetone

Concen: 26.891 ug/l

RT: 2.32 min Scan# 358

Delta R.T. 0.00 min

Lab File: VU027431.D

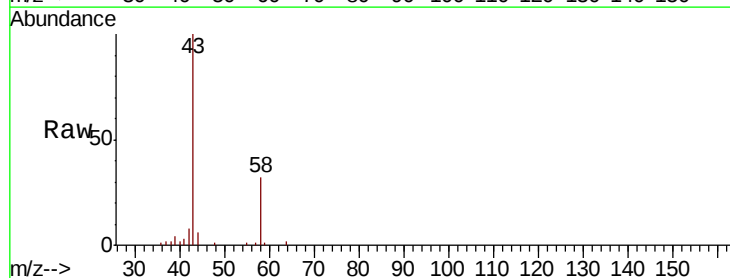
Acq: 05 Oct 2018 00:17

Tgt Ion: 43 Resp: 29743

Ion Ratio Lower Upper

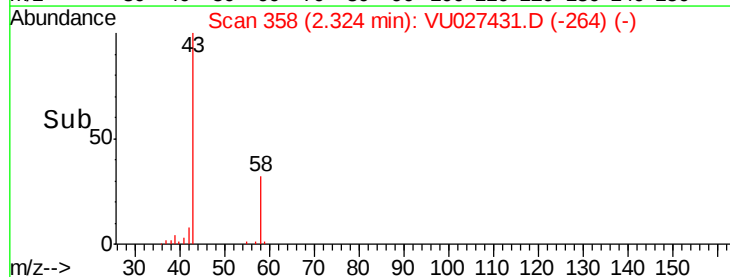
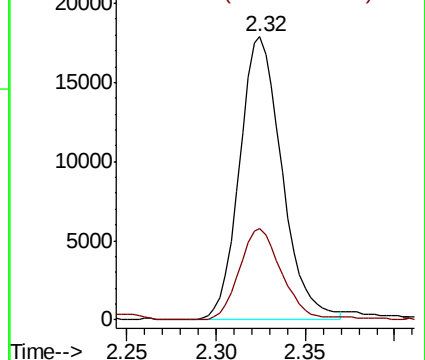
43 100

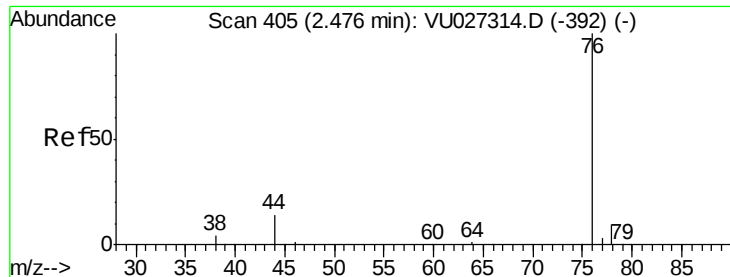
58 32.1 24.2 36.4



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

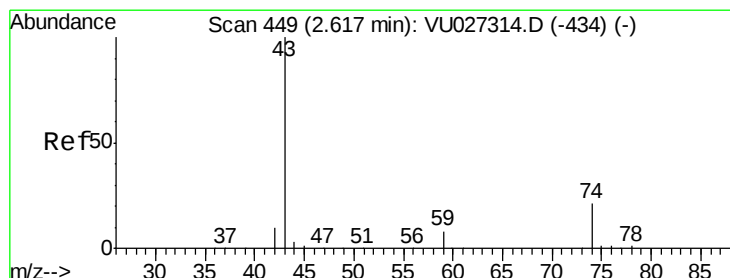
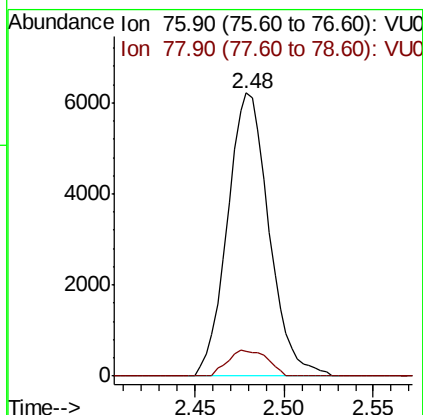
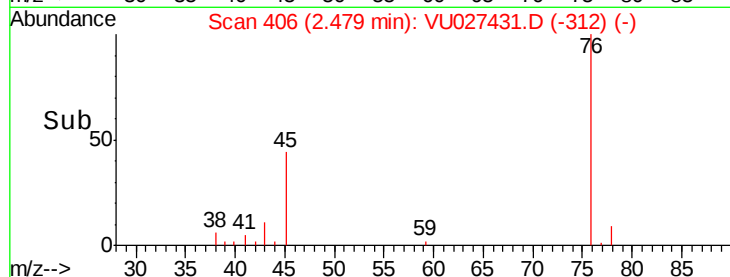
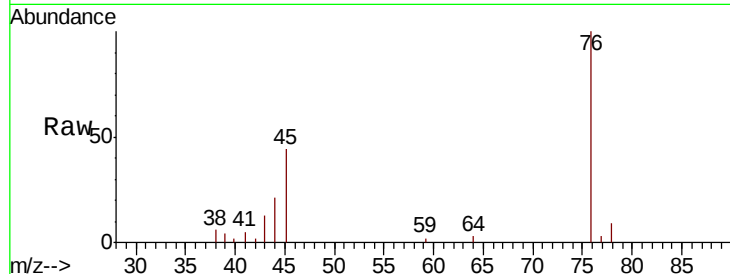




#17
Carbon Disulfide
Concen: 2.352 ug/l
RT: 2.48 min Scan# 406
Delta R.T. 0.00 min
Lab File: VU027431.D
Acq: 05 Oct 2018 00:17

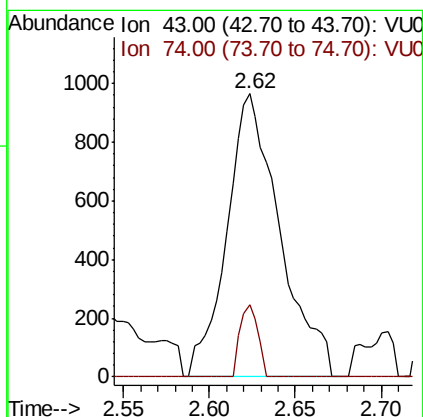
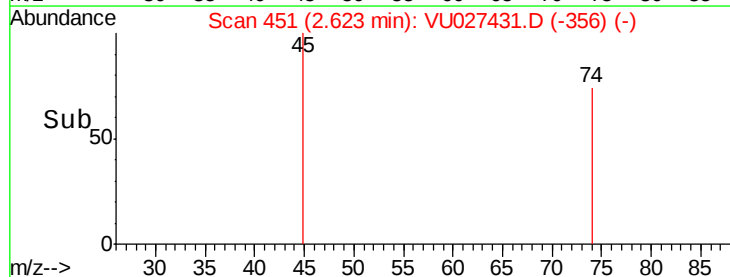
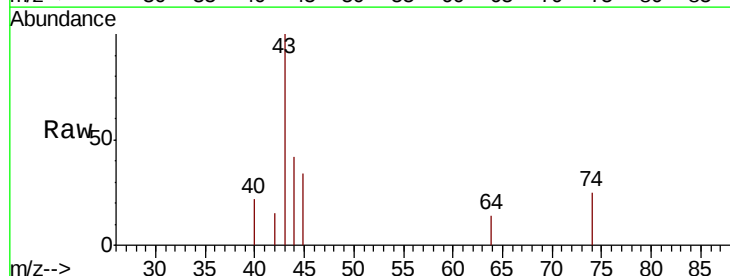
Instrument :
MSVOA_U
ClientSampleId :
EP1-MW-D-092718

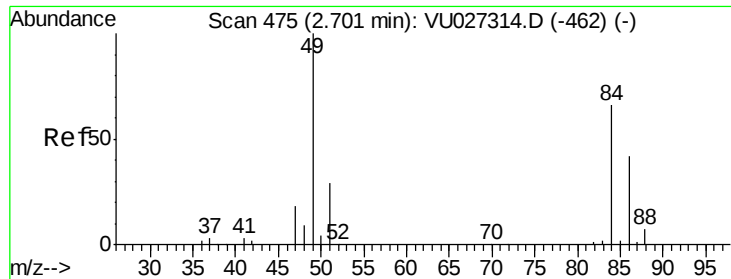
Tgt Ion: 76 Resp: 10045
Ion Ratio Lower Upper
76 100
78 9.0 7.3 10.9



#18
Methyl Acetate
Concen: 0.820 ug/l
RT: 2.62 min Scan# 451
Delta R.T. 0.01 min
Lab File: VU027431.D
Acq: 05 Oct 2018 00:17

Tgt Ion: 43 Resp: 2070
Ion Ratio Lower Upper
43 100
74 8.6 16.5 24.7#

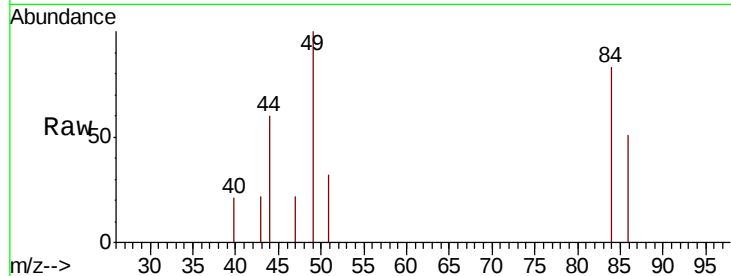




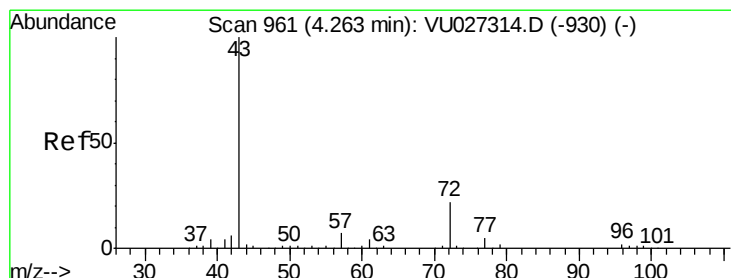
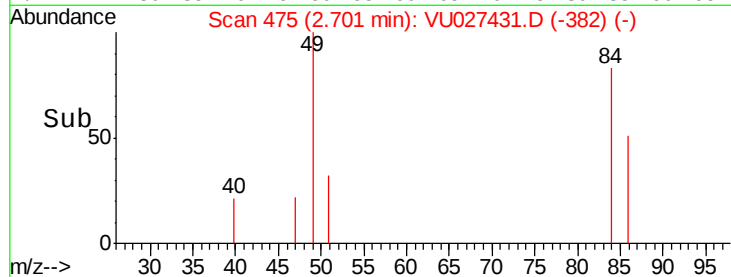
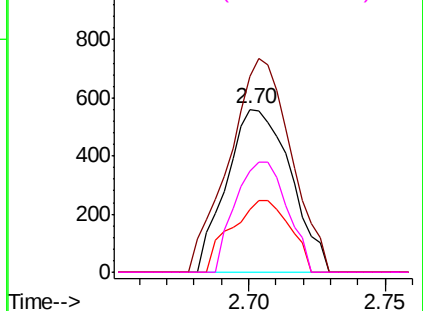
#20
Methylene Chloride
Concen: 0.593 ug/l
RT: 2.70 min Scan# 475
Delta R.T. -0.00 min
Lab File: VU027431.D
Acq: 05 Oct 2018 00:17

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

Tgt Ion: 84 Resp: 914
Ion Ratio Lower Upper
84 100
49 120.5 120.5 180.7
51 38.1 35.1 52.7
86 61.7 50.5 75.7

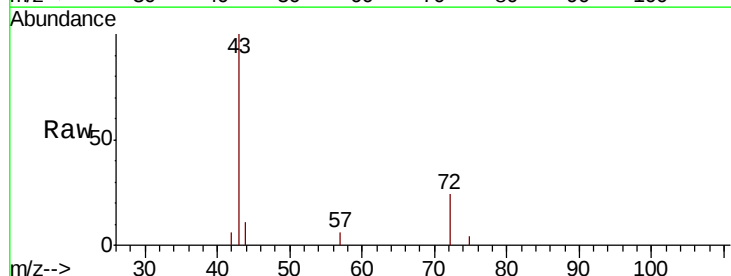


Abundance Ion 83.90 (83.60 to 84.60): VU0
Ion 48.90 (48.60 to 49.60): VU0
Ion 50.90 (50.60 to 51.60): VU0
Ion 85.90 (85.60 to 86.60): VU0

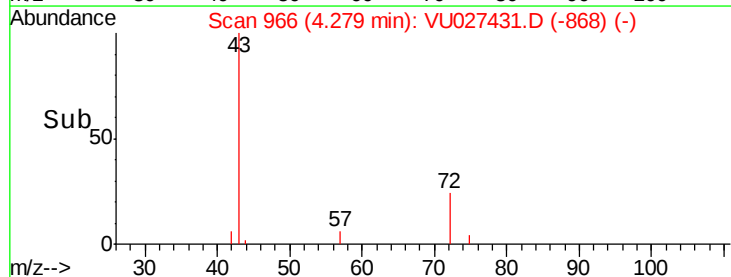
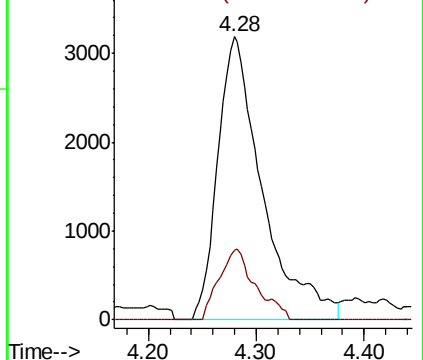


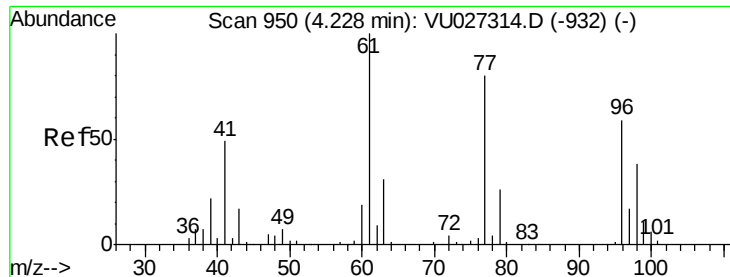
#25
2-Butanone
Concen: 6.093 ug/l
RT: 4.28 min Scan# 966
Delta R.T. 0.02 min
Lab File: VU027431.D
Acq: 05 Oct 2018 00:17

Tgt Ion: 43 Resp: 9190
Ion Ratio Lower Upper
43 100
72 24.4 17.8 26.6



Abundance Ion 43.00 (42.70 to 43.70): VU0
Ion 72.00 (71.70 to 72.70): VU0



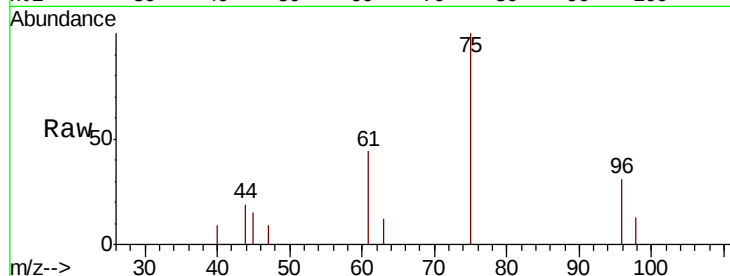


#27

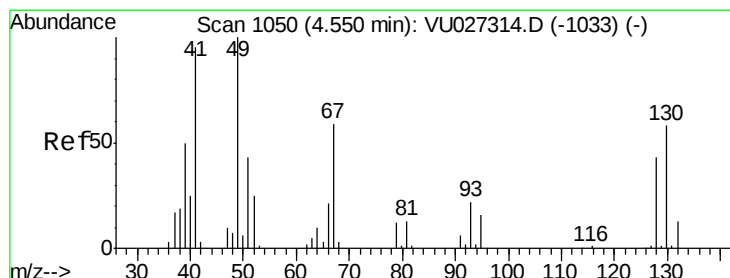
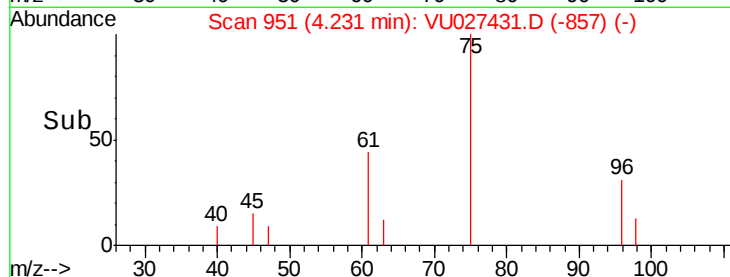
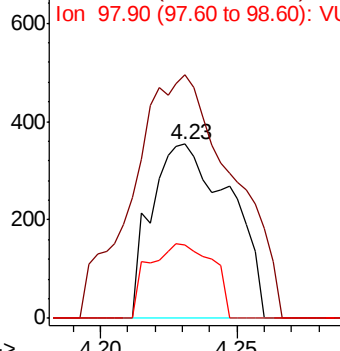
cis-1,2-Dichloroethene
Concen: 0.469 ug/l
RT: 4.23 min Scan# 951
Delta R.T. 0.00 min
Lab File: VU027431.D
Acq: 05 Oct 2018 00:17

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

Tgt Ion: 96 Resp: 713
Ion Ratio Lower Upper
96 100
61 176.4 0.0 343.8
98 34.4 0.0 129.0



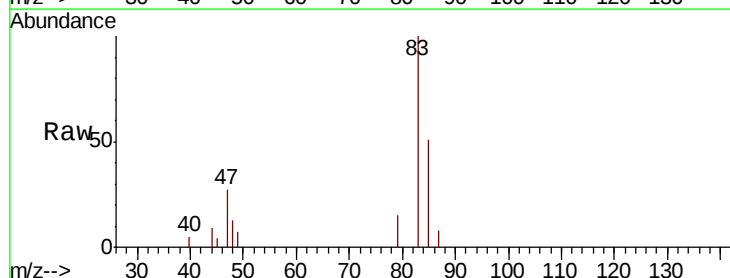
Abundance Ion 95.90 (95.60 to 96.60): VU0
Ion 60.90 (60.60 to 61.60): VU0
Ion 97.90 (97.60 to 98.60): VU0



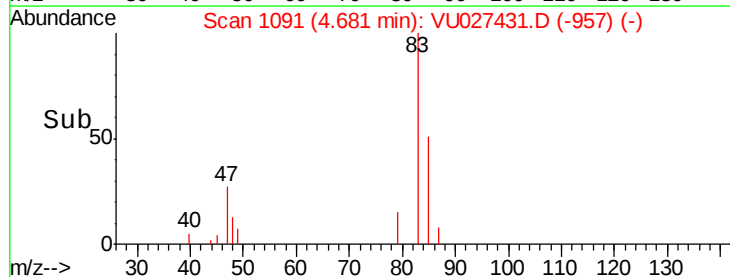
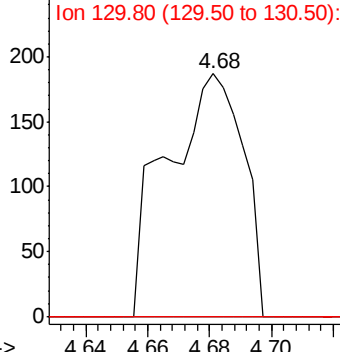
#28

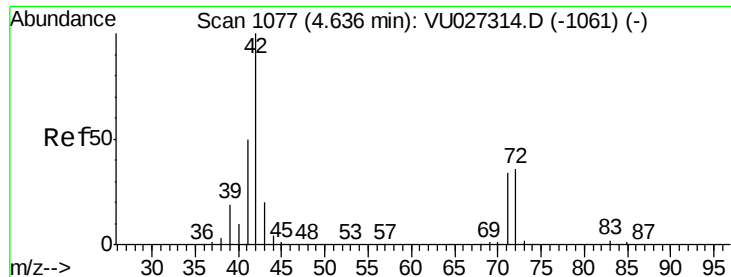
Bromochloromethane
Concen: 0.227 ug/l
RT: 4.68 min Scan# 1091
Delta R.T. 0.13 min
Lab File: VU027431.D
Acq: 05 Oct 2018 00:17

Tgt Ion: 49 Resp: 322
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





#29

Tetrahydrofuran

Concen: 0.285 ug/l

RT: 4.66 min Scan# 1083

Delta R.T. 0.02 min

Lab File: VU027431.D

Acq: 05 Oct 2018 00:17

Instrument :

MSVOA_U

ClientSampleId :

EP1-MW-D-092718

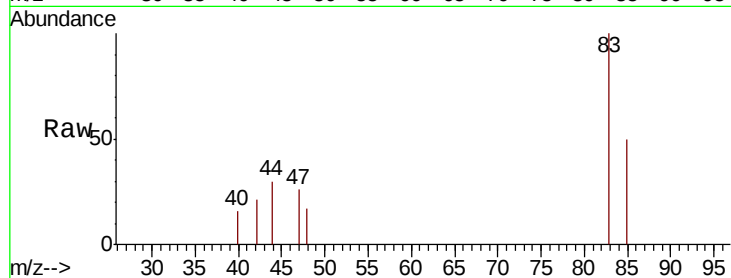
Tgt Ion: 42 Resp: 271

Ion Ratio Lower Upper

42 100

72 0.0 30.1 45.1#

71 0.0 27.7 41.5#



Abundance Ion 42.00 (41.70 to 42.70): VU0

Ion 72.00 (71.70 to 72.70): VU0

Ion 71.00 (70.70 to 71.70): VU0

4.66

150

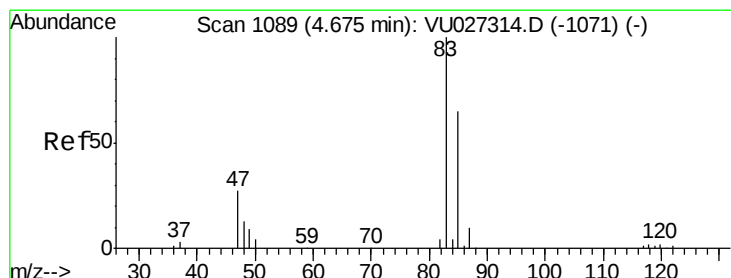
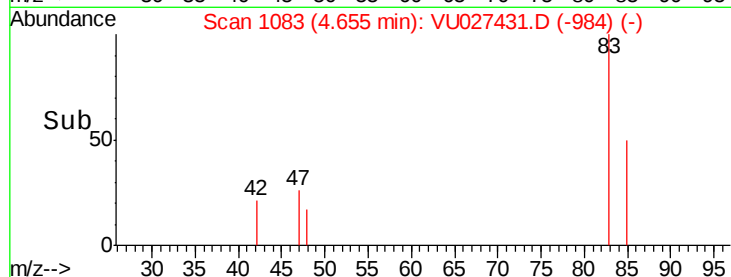
100

50

0

4.62 4.64 4.66 4.68 4.70

Time-->



#30

Chloroform

Concen: 2.203 ug/l

RT: 4.68 min Scan# 1090

Delta R.T. 0.00 min

Lab File: VU027431.D

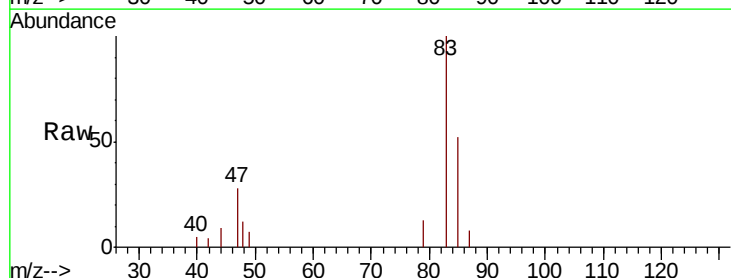
Acq: 05 Oct 2018 00:17

Tgt Ion: 83 Resp: 5753

Ion Ratio Lower Upper

83 100

85 52.4 51.8 77.6



Abundance Ion 82.90 (82.60 to 83.60): VU0

Ion 84.90 (84.60 to 85.60): VU0

3000

2500

2000

1500

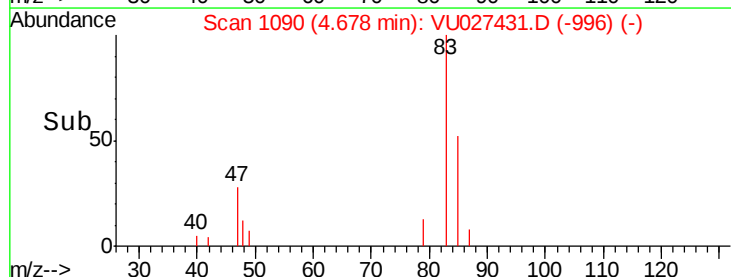
1000

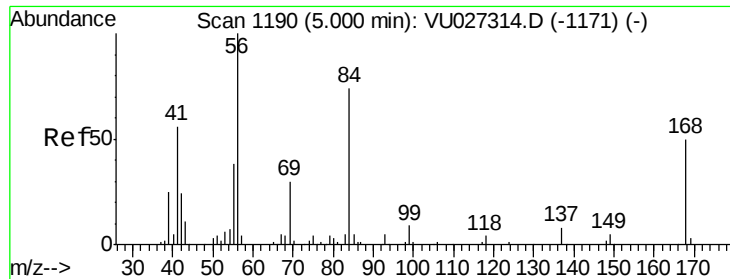
500

0

4.60 4.65 4.70 4.75

Time-->

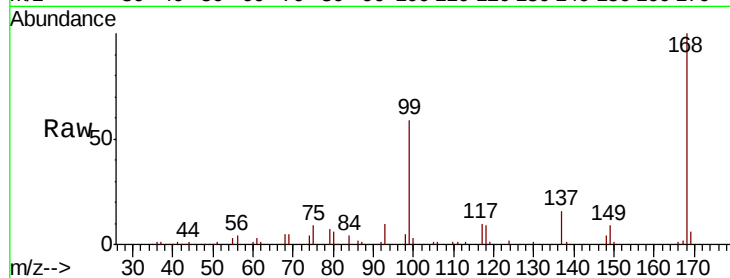




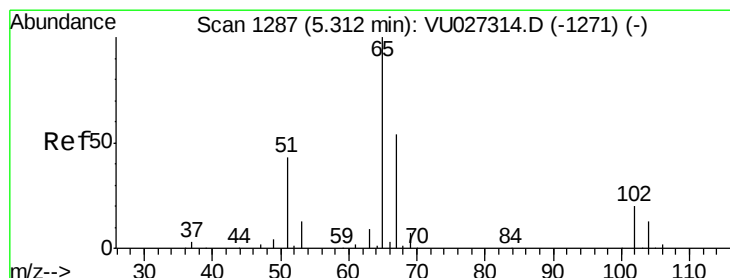
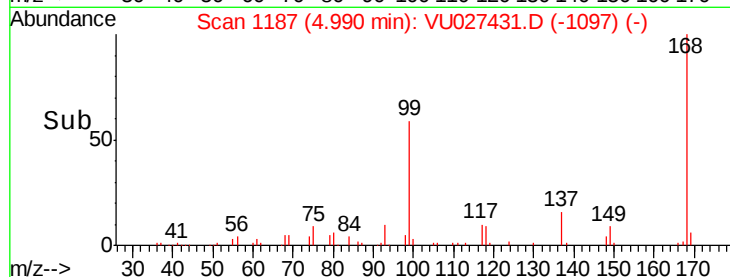
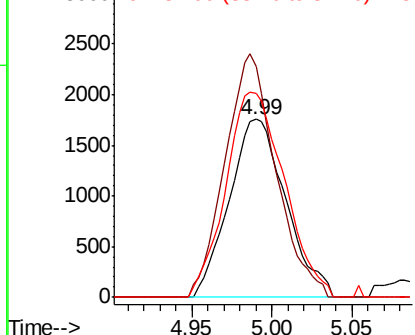
#31
Cyclohexane
Concen: 1.189 ug/l
RT: 4.99 min Scan# 1187
Delta R.T. -0.01 min
Lab File: VU027431.D
Acq: 05 Oct 2018 00:17

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

Tgt Ion: 56 Resp: 4267
Ion Ratio Lower Upper
56 100
69 129.4 24.1 36.1#
84 114.3 59.1 88.7#

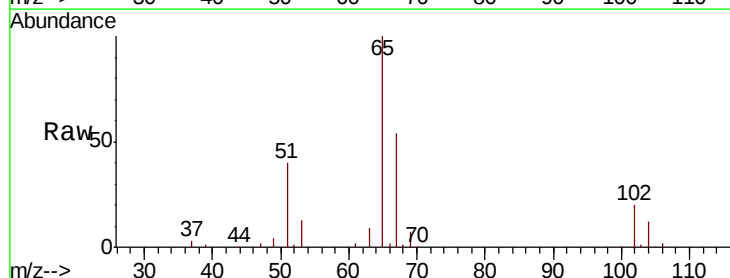


Abundance Ion 56.00 (55.70 to 56.70): VU0
Ion 69.00 (68.70 to 69.70): VU0
Ion 84.00 (83.70 to 84.70): VU0

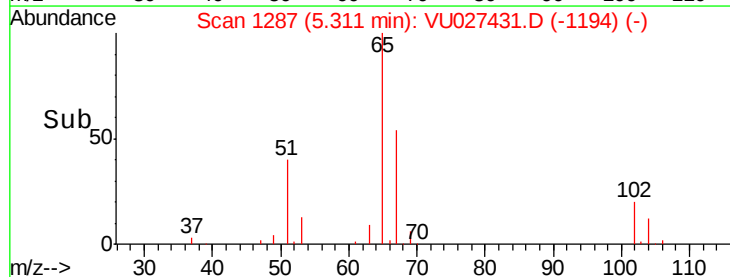
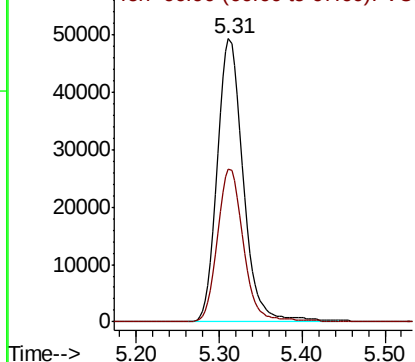


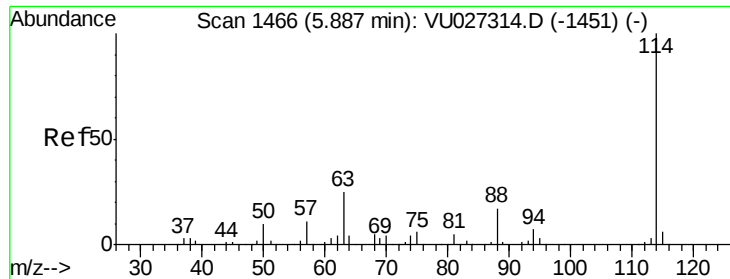
#33
1,2-Dichloroethane-d4
Concen: 57.371 ug/l
RT: 5.31 min Scan# 1287
Delta R.T. 0.00 min
Lab File: VU027431.D
Acq: 05 Oct 2018 00:17

Tgt Ion: 65 Resp: 107415
Ion Ratio Lower Upper
65 100
67 53.1 0.0 107.8



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

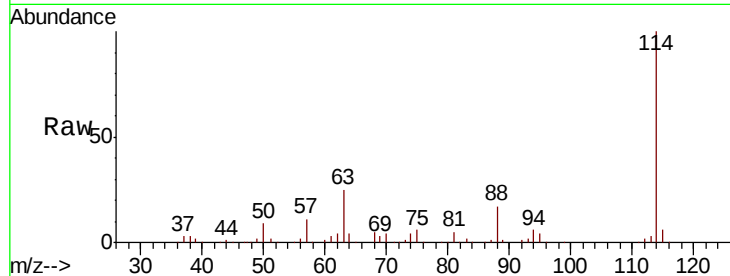




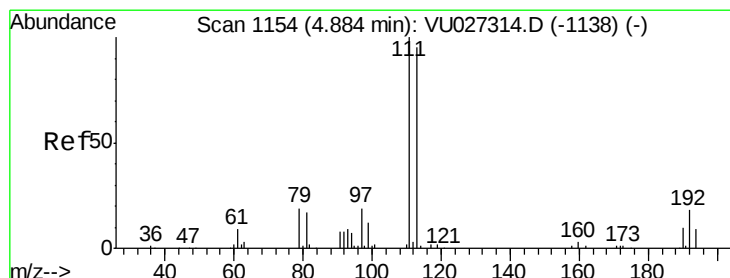
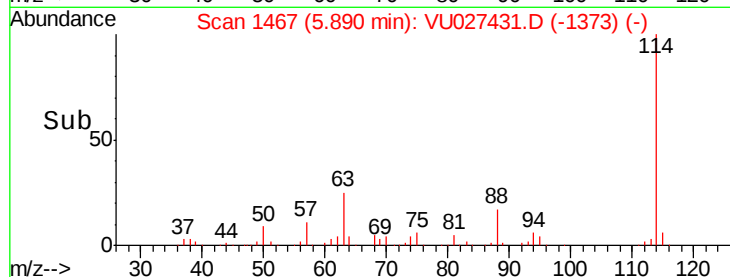
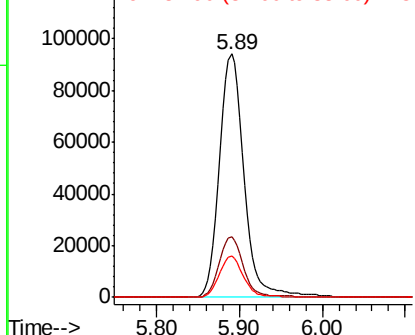
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1467
 Delta R.T. 0.00 min
 Lab File: VU027431.D
 Acq: 05 Oct 2018 00:17

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

Tgt Ion:114 Resp: 194153
 Ion Ratio Lower Upper
 114 100
 63 24.7 0.0 50.2
 88 17.1 0.0 33.8

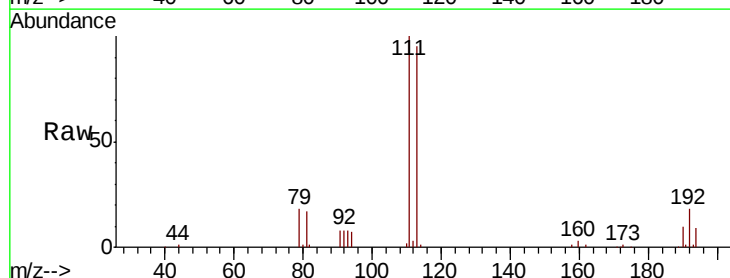


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VU0
 Ion 87.90 (87.60 to 88.60): VU0

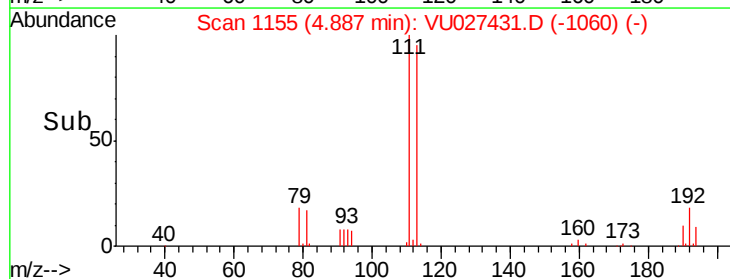
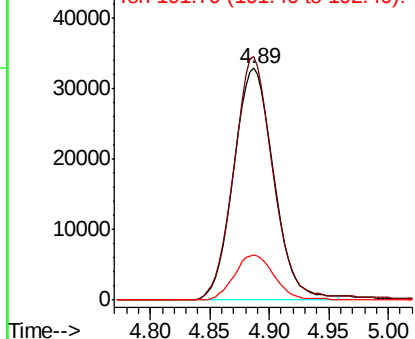


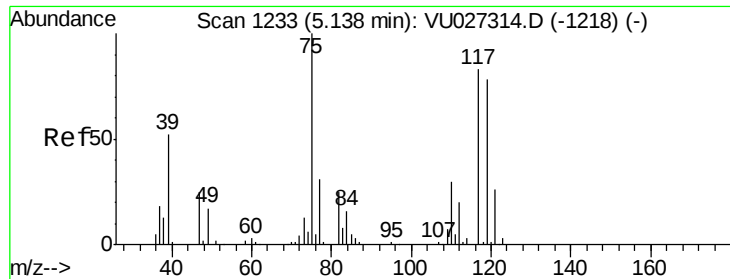
#35
 Dibromofluoromethane
 Concen: 57.865 ug/l
 RT: 4.89 min Scan# 1155
 Delta R.T. 0.00 min
 Lab File: VU027431.D
 Acq: 05 Oct 2018 00:17

Tgt Ion:113 Resp: 76994
 Ion Ratio Lower Upper
 113 100
 111 104.2 83.1 124.7
 192 19.5 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

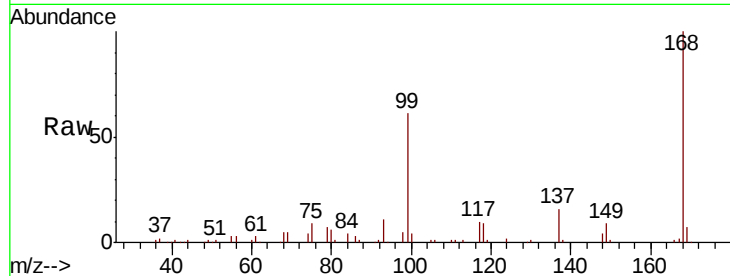




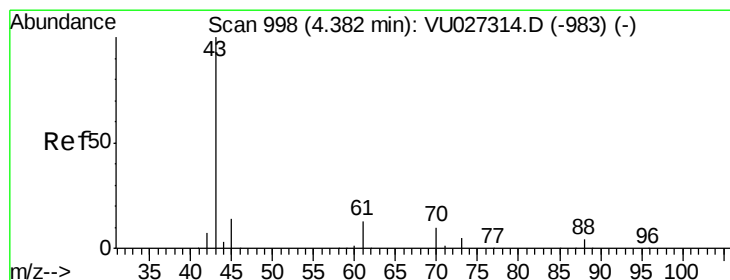
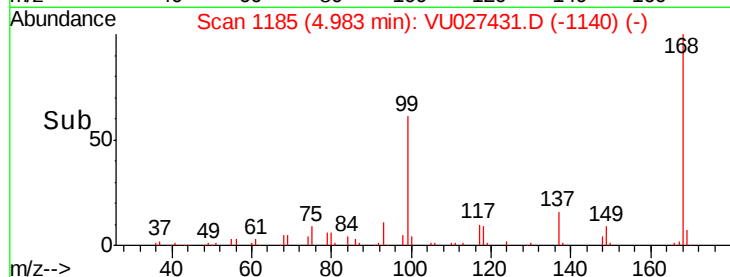
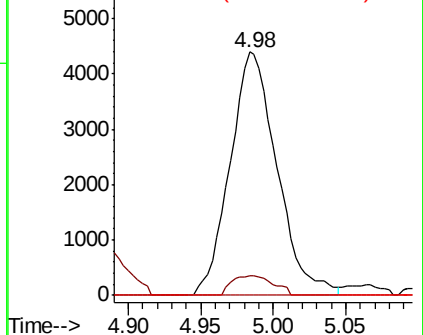
#36
 1,1-Dichloropropene
 Concen: 4.697 ug/l
 RT: 4.98 min Scan# 1185
 Delta R.T. -0.15 min
 Lab File: VU027431.D
 Acq: 05 Oct 2018 00:17

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

Tgt Ion	Ratio	Lower	Upper
75	100		
110	7.2	15.5	46.5#
77	0.0	25.4	38.0#

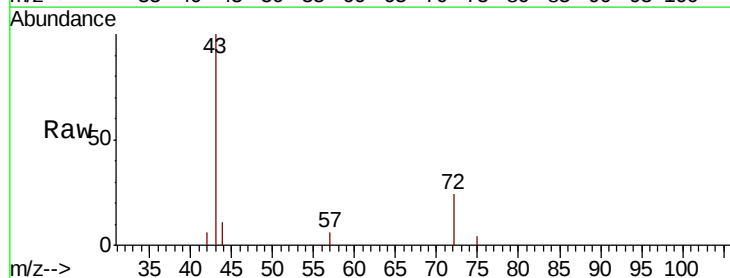


Abundance Ion 74.90 (74.60 to 75.60): VU0
 Ion 109.90 (109.60 to 110.60): VU0
 Ion 76.90 (76.60 to 77.60): VU0

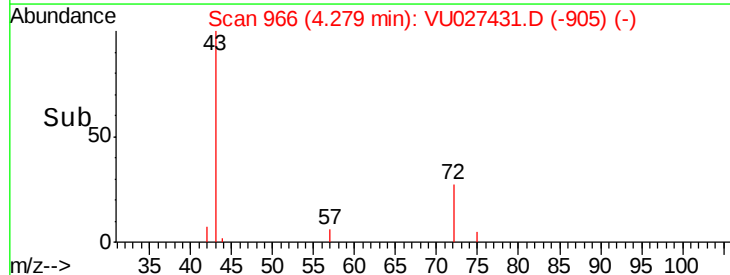
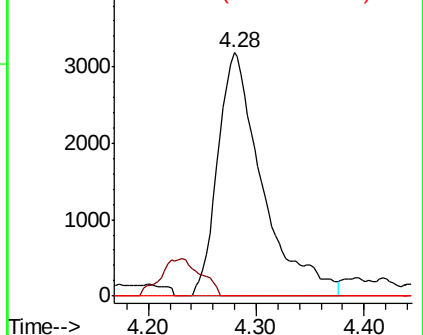


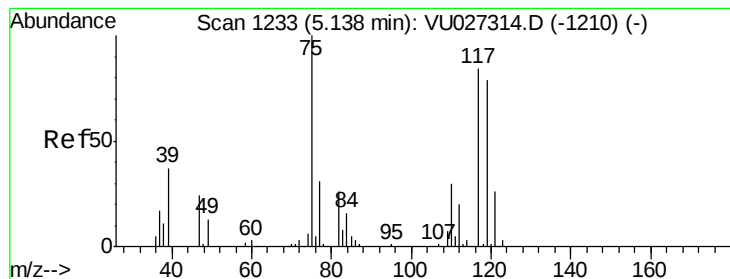
#37
 Ethyl Acetate
 Concen: 3.373 ug/l
 RT: 4.28 min Scan# 966
 Delta R.T. -0.10 min
 Lab File: VU027431.D
 Acq: 05 Oct 2018 00:17

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: 5.829 ug/l

RT: 4.99 min Scan# 1186

Delta R.T. -0.15 min

Lab File: VU027431.D

Acq: 05 Oct 2018 00:17

Instrument :

MSVOA_U

ClientSampleId :

EP1-MW-D-092718

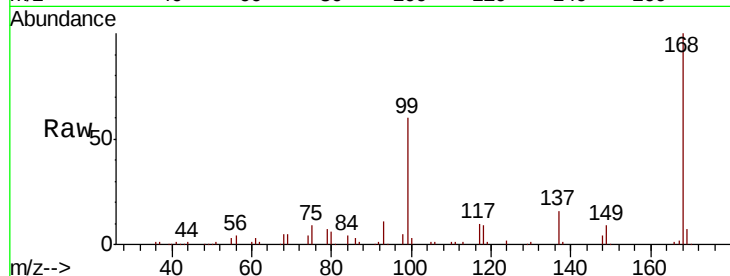
Tgt Ion:117 Resp: 11099

Ion Ratio Lower Upper

117 100

119 5.2 74.5 111.7#

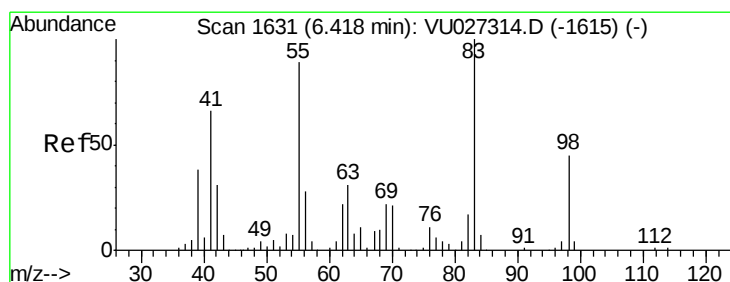
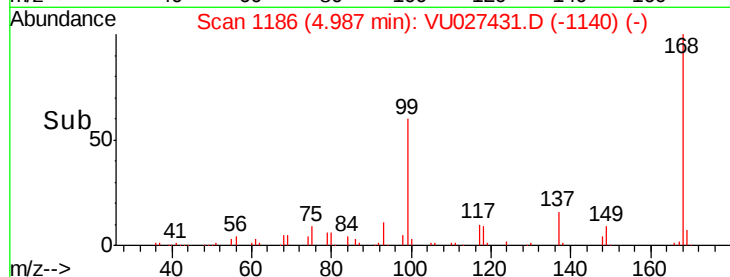
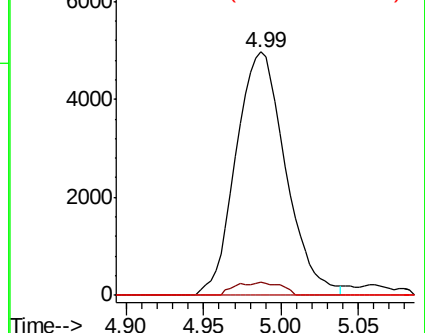
121 0.0 24.6 37.0#



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



#39

Methylcyclohexane

Concen: 2.815 ug/l

RT: 6.42 min Scan# 1631

Delta R.T. -0.00 min

Lab File: VU027431.D

Acq: 05 Oct 2018 00:17

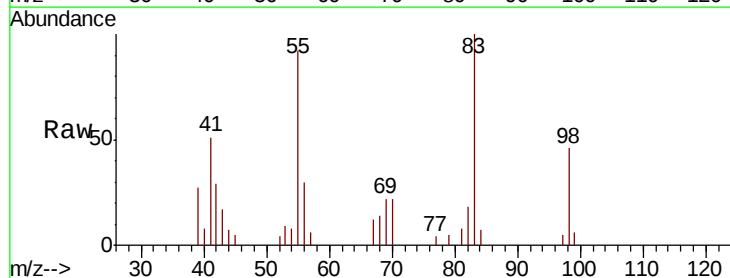
Tgt Ion: 83 Resp: 6938

Ion Ratio Lower Upper

83 100

55 92.3 71.1 106.7

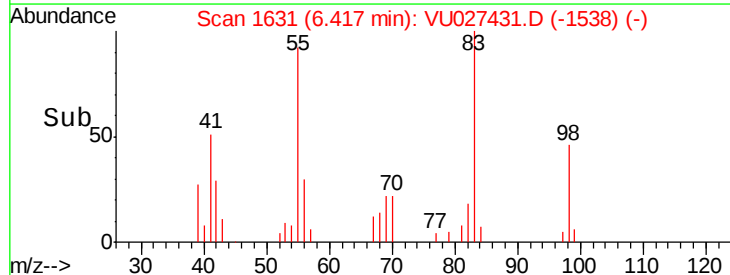
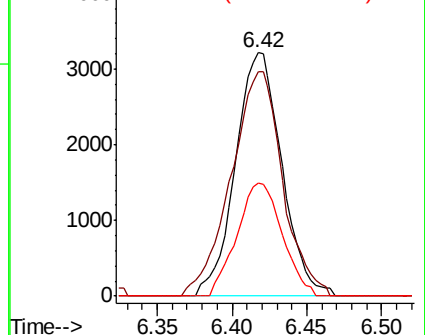
98 46.5 36.3 54.5

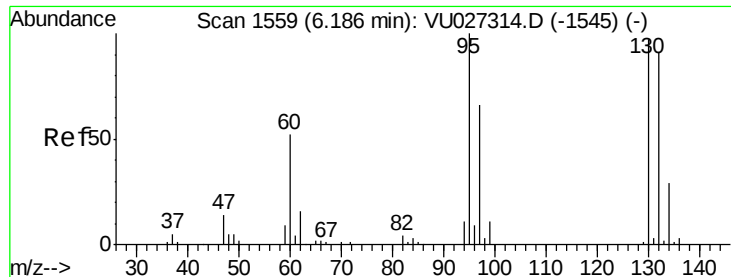


Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 55.00 (54.70 to 55.70): VU0

Ion 98.00 (97.70 to 98.70): VU0





#44

Trichloroethene

Concen: 0.204 ug/l

RT: 6.19 min Scan# 1561

Delta R.T. 0.01 min

Lab File: VU027431.D

Acq: 05 Oct 2018 00:17

Instrument :

MSVOA_U

ClientSampleId :

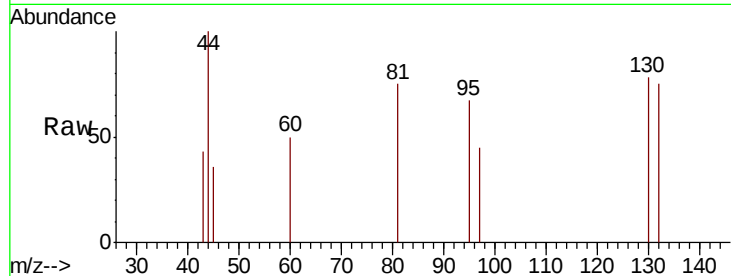
EP1-MW-D-092718

Tgt Ion:130 Resp: 280

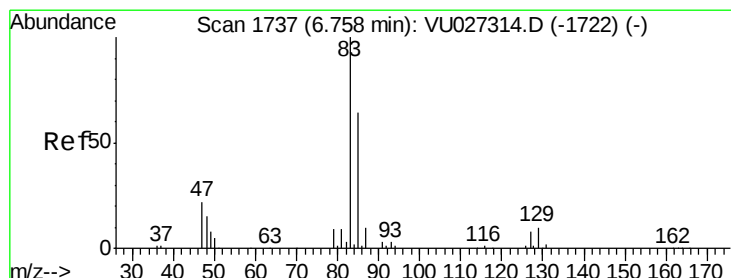
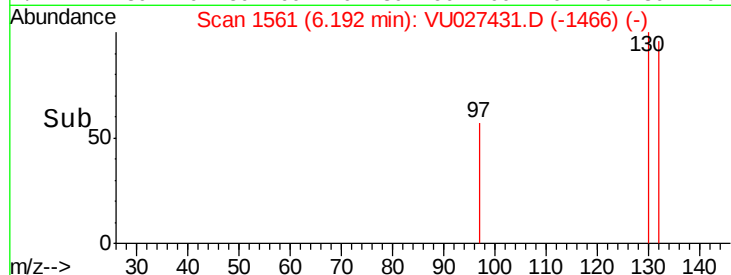
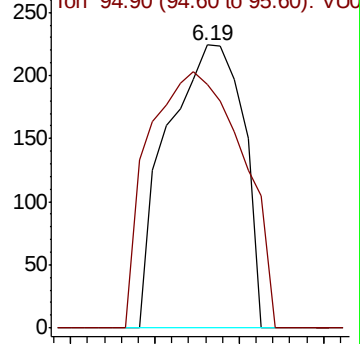
Ion Ratio Lower Upper

130 100

95 86.2 0.0 207.0



Abundance Ion 129.80 (129.50 to 130.50): V



#47

Bromodichloromethane

Concen: 0.321 ug/l

RT: 6.76 min Scan# 1737

Delta R.T. -0.00 min

Lab File: VU027431.D

Acq: 05 Oct 2018 00:17

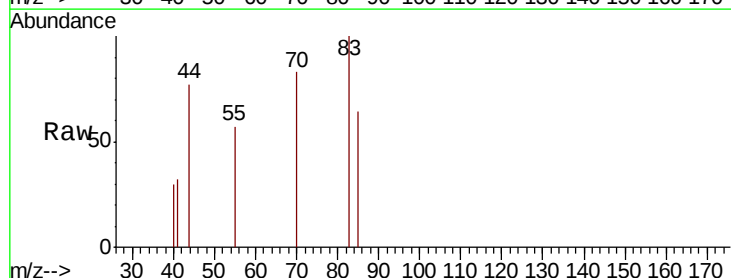
Tgt Ion: 83 Resp: 667

Ion Ratio Lower Upper

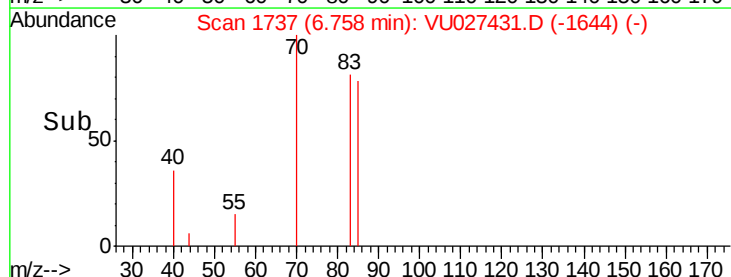
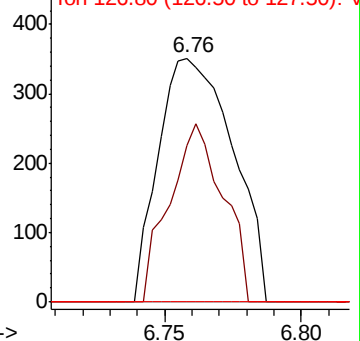
83 100

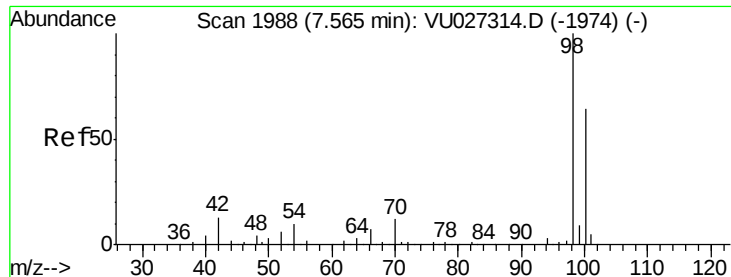
85 64.1 51.4 77.0

127 0.0 6.3 9.5#



Abundance Ion 82.90 (82.60 to 83.60): VU0

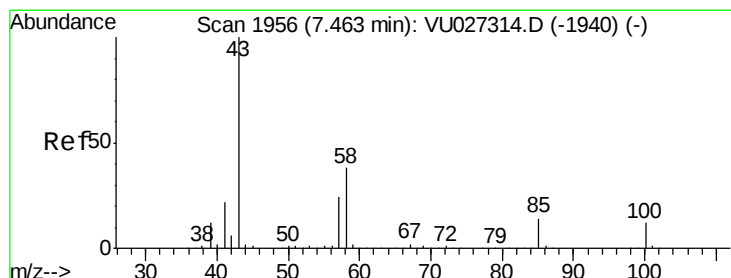
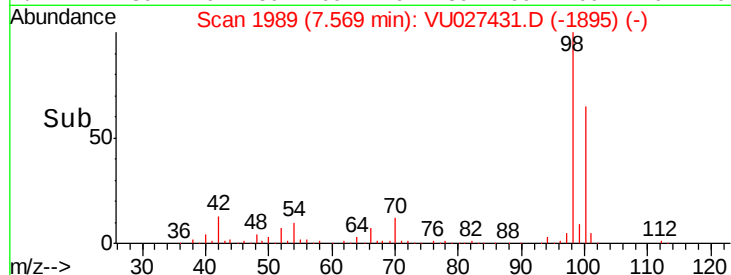
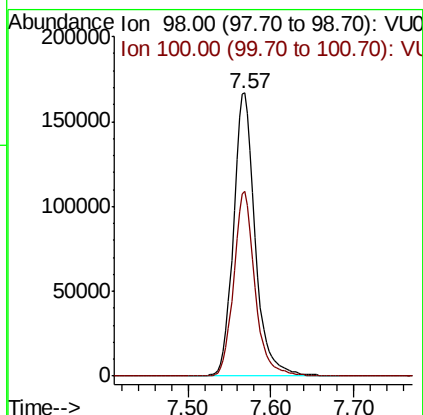
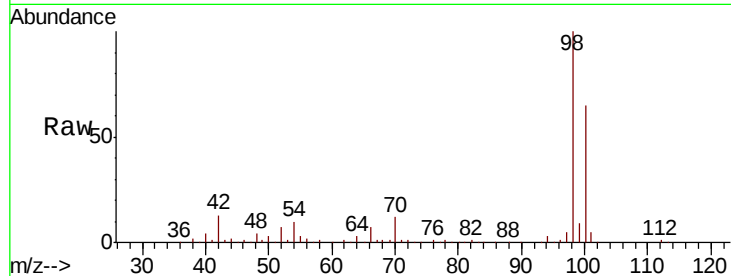




#50
Toluene-d8
Concen: 61.558 ug/l
RT: 7.57 min Scan# 1989
Delta R.T. 0.00 min
Lab File: VU027431.D
Acq: 05 Oct 2018 00:17

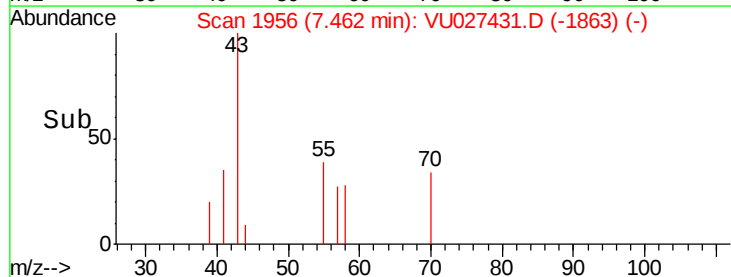
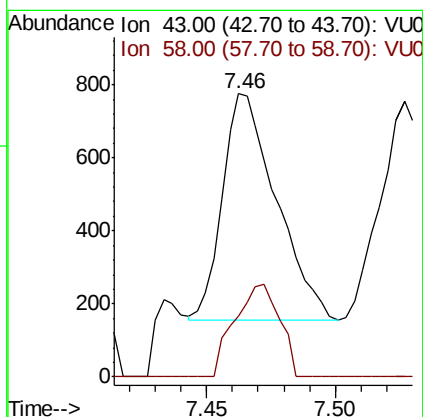
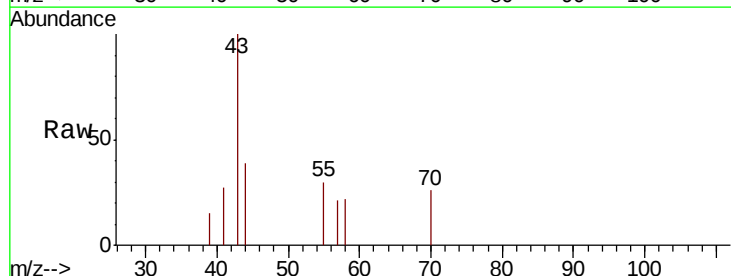
Instrument :
MSVOA_U
ClientSampleId :
EP1-MW-D-092718

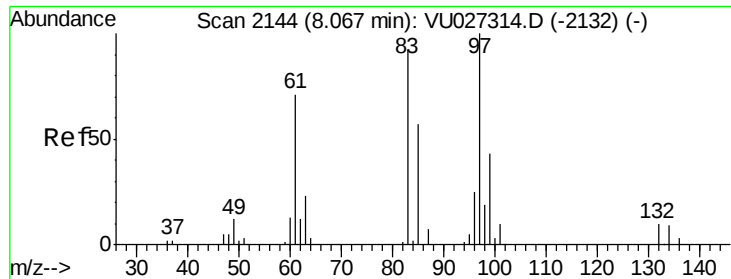
Tgt Ion: 98 Resp: 306560
Ion Ratio Lower Upper
98 100
100 63.9 52.1 78.1



#51
4-Methyl-2-Pentanone
Concen: 0.328 ug/l
RT: 7.46 min Scan# 1956
Delta R.T. -0.00 min
Lab File: VU027431.D
Acq: 05 Oct 2018 00:17

Tgt Ion: 43 Resp: 901
Ion Ratio Lower Upper
43 100
58 34.2 29.8 44.8

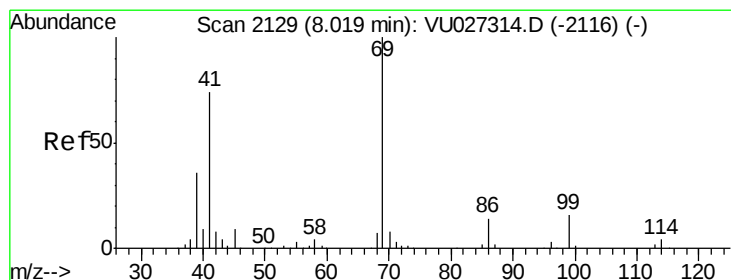
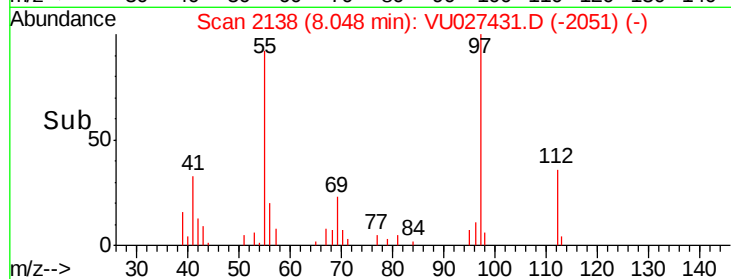
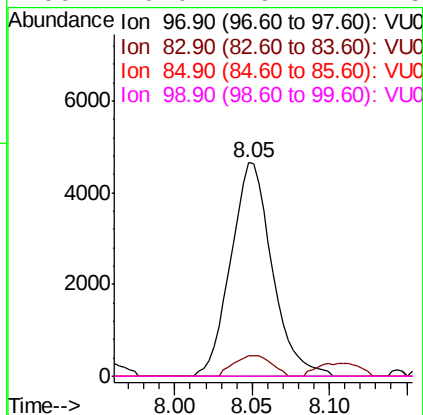
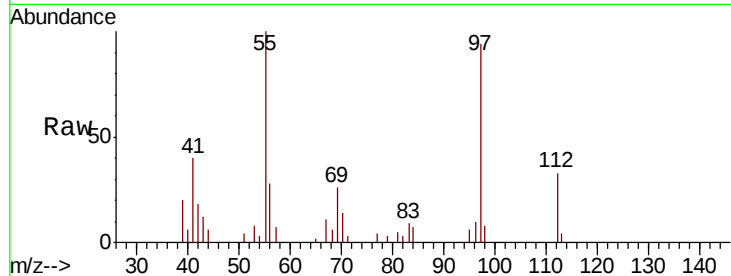




#55
 1,1,2-Trichloroethane
 Concen: 6.005 ug/l
 RT: 8.05 min Scan# 2138
 Delta R.T. -0.02 min
 Lab File: VU027431.D
 Acq: 05 Oct 2018 00:17

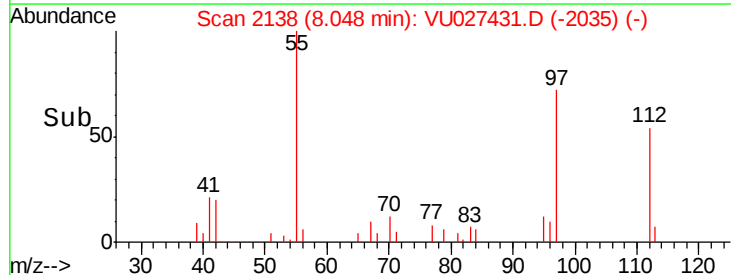
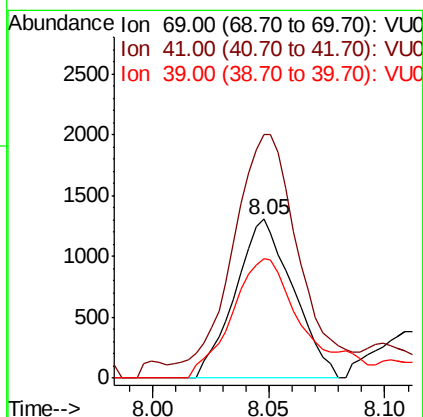
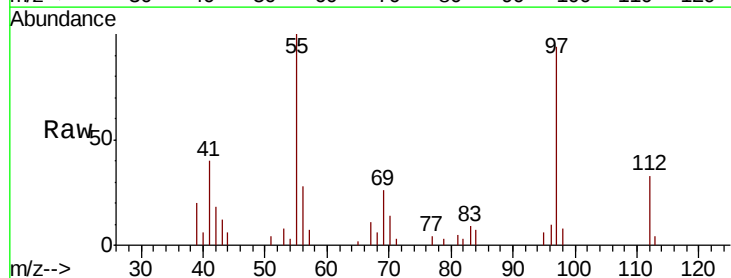
Instrument :
 MSVOA_U
 ClientSampleId :
 EP1-MW-D-092718

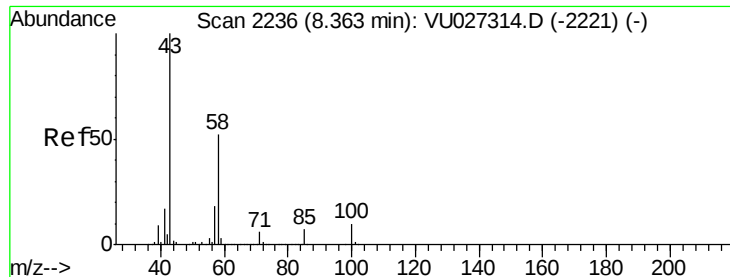
Tgt Ion: 97 Resp: 8654
 Ion Ratio Lower Upper
 97 100
 83 9.3 73.0 109.6#
 85 0.0 47.3 70.9#
 99 0.0 49.7 74.5#



#56
 Ethyl methacrylate
 Concen: 3.053 ug/l
 RT: 8.05 min Scan# 2138
 Delta R.T. 0.03 min
 Lab File: VU027431.D
 Acq: 05 Oct 2018 00:17

Tgt Ion: 69 Resp: 2260
 Ion Ratio Lower Upper
 69 100
 41 154.3 60.0 90.0#
 39 92.3 29.5 44.3#





#59

2-Hexanone

Concen: 1.002 ug/l

RT: 8.17 min Scan# 2175

Delta R.T. -0.20 min

Lab File: VU027431.D

Acq: 05 Oct 2018 00:17

Instrument :

MSVOA_U

ClientSampleId :

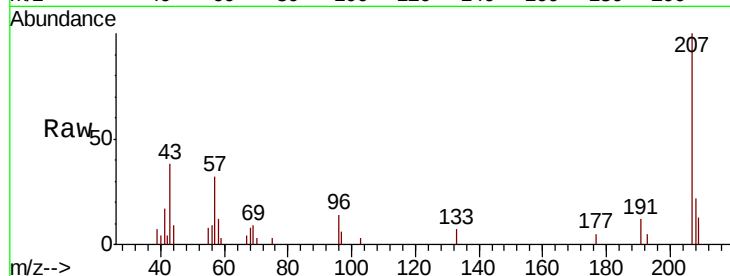
EP1-MW-D-092718

Tgt Ion: 43 Resp: 2138

Ion Ratio Lower Upper

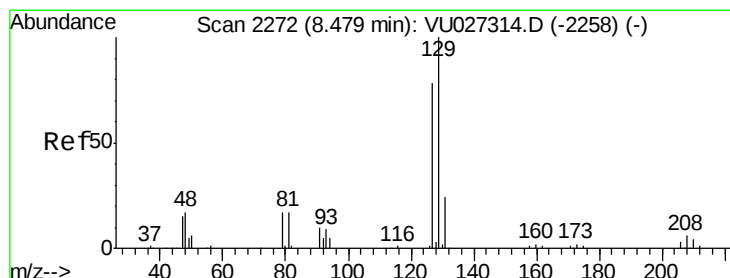
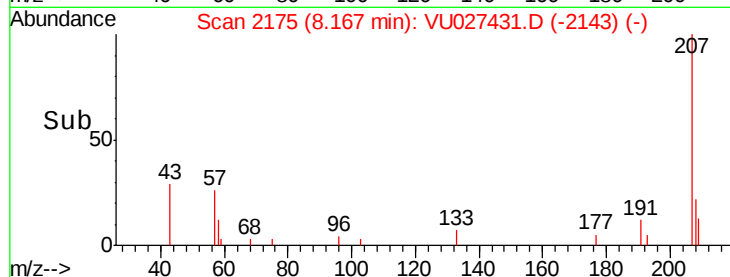
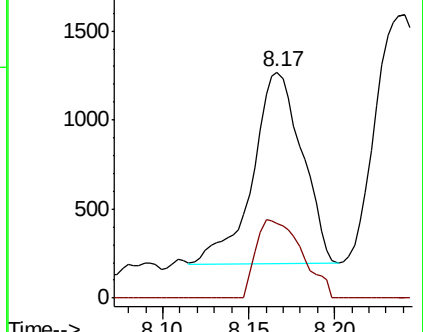
43 100

58 38.1 26.1 78.3



Abundance Ion 43.00 (42.70 to 43.70): VU027431.D (-2175) (-)

Ion 58.00 (57.70 to 58.70): VU027431.D (-2175) (-)



#60

Dibromochloromethane

Concen: 0.424 ug/l

RT: 8.23 min Scan# 2196

Delta R.T. -0.24 min

Lab File: VU027431.D

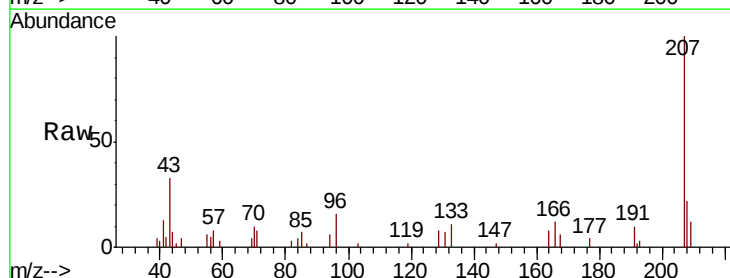
Acq: 05 Oct 2018 00:17

Tgt Ion: 129 Resp: 613

Ion Ratio Lower Upper

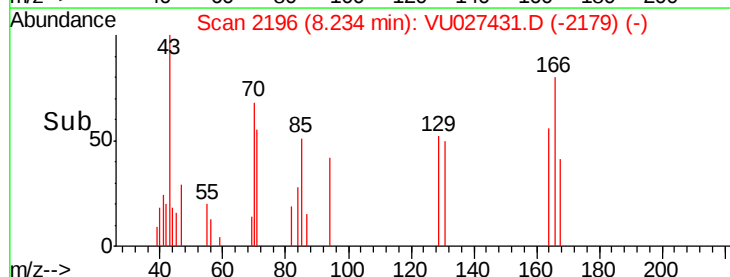
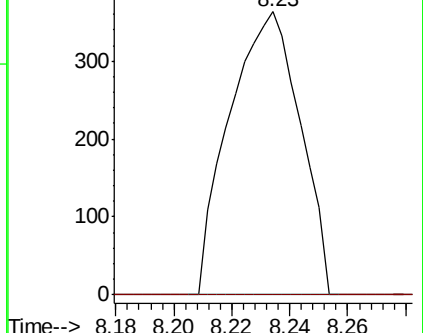
129 100

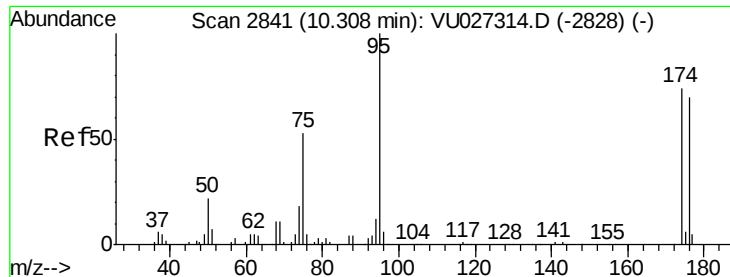
127 0.0 39.1 117.2#



Abundance Ion 128.80 (128.50 to 129.50): VU027431.D (-2196) (-)

Ion 126.80 (126.50 to 127.50): VU027431.D (-2196) (-)





#62

4-Bromofluorobenzene

Concen: 64.212 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. -0.00 min

Lab File: VU027431.D

Acq: 05 Oct 2018 00:17

Instrument :

MSVOA_U

ClientSampleId :

EP1-MW-D-092718

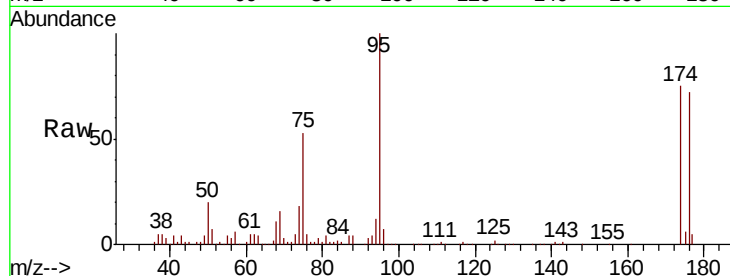
Tgt Ion: 95 Resp: 118840

Ion Ratio Lower Upper

95 100

174 74.5 0.0 147.8

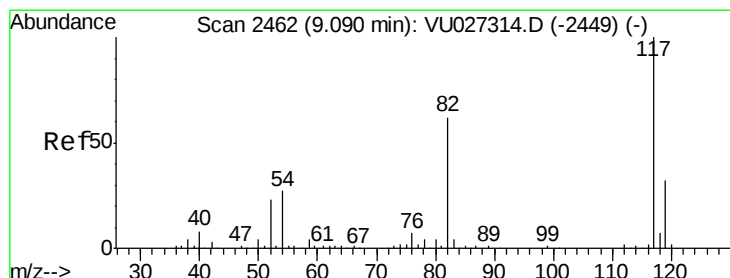
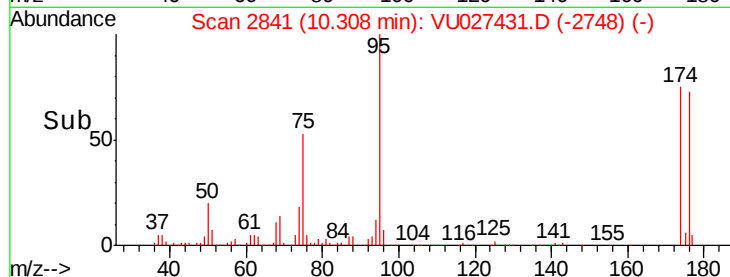
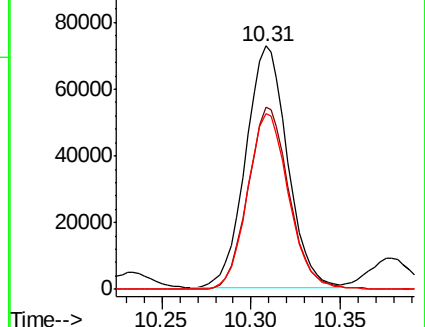
176 72.1 0.0 140.8



Abundance Ion 94.90 (94.60 to 95.60): VU027314.D (-2828) (-)

Ion 173.80 (173.50 to 174.50): VU027314.D (-2828) (-)

Ion 175.80 (175.50 to 176.50): VU027314.D (-2828) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.09 min Scan# 2463

Delta R.T. 0.00 min

Lab File: VU027431.D

Acq: 05 Oct 2018 00:17

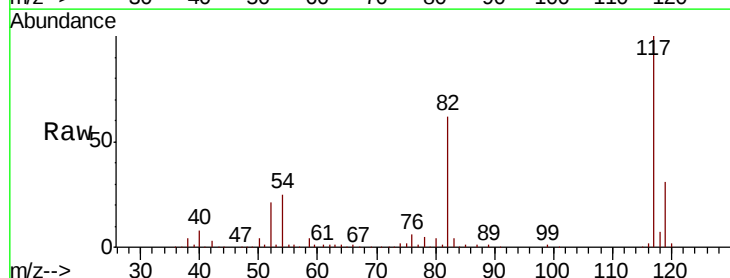
Tgt Ion: 117 Resp: 193211

Ion Ratio Lower Upper

117 100

82 61.3 49.2 73.8

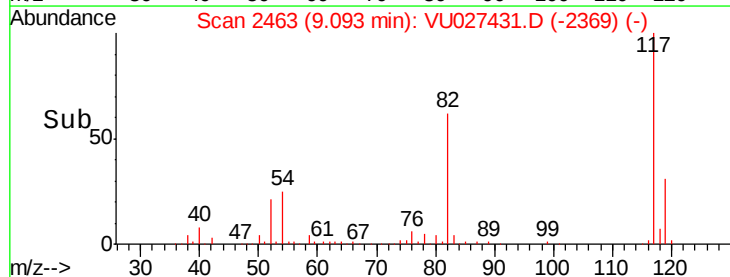
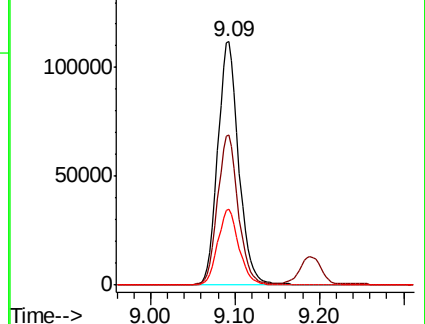
119 31.3 25.7 38.5

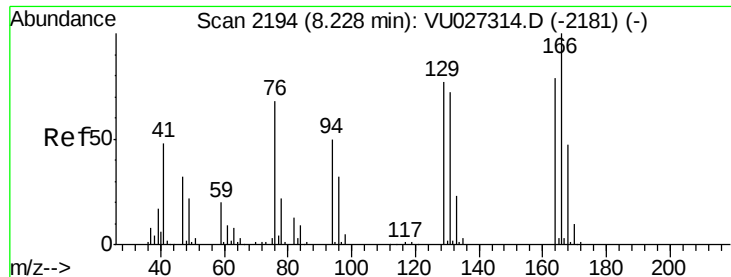


Abundance Ion 116.90 (116.60 to 117.60): VU027314.D (-2449) (-)

Ion 82.00 (81.70 to 82.70): VU027314.D (-2449) (-)

Ion 118.90 (118.60 to 119.60): VU027314.D (-2449) (-)

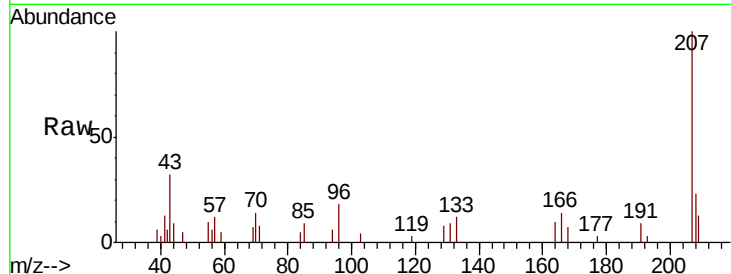




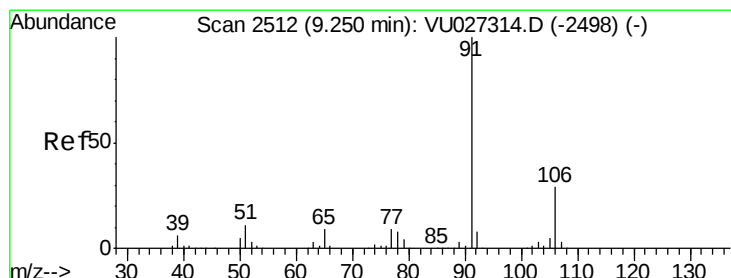
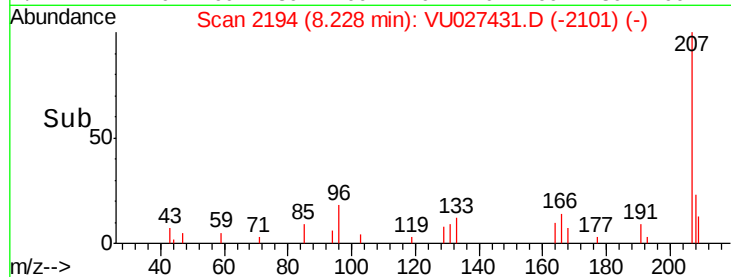
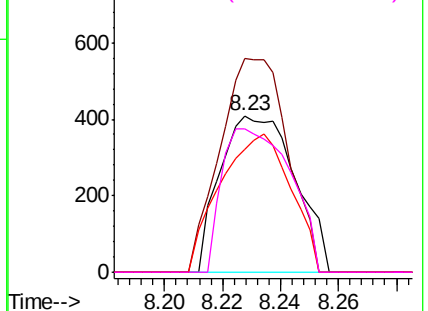
#64
 Tetrachloroethene
 Concen: 0.614 ug/l
 RT: 8.23 min Scan# 2194
 Delta R.T. -0.00 min
 Lab File: VU027431.D
 Acq: 05 Oct 2018 00:17

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

Tgt Ion:	164	Resp:	738
Ion	Ratio	Lower	Upper
164	100		
166	136.7	101.0	151.6
129	78.7	78.0	117.0
131	91.7	72.6	109.0

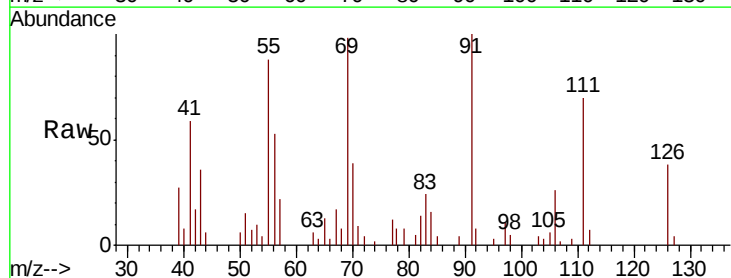


Abundance Ion 163.80 (163.50 to 164.50): V
 Ion 165.80 (165.50 to 166.50): V
 Ion 128.80 (128.50 to 129.50): V
 Ion 130.80 (130.50 to 131.50): V

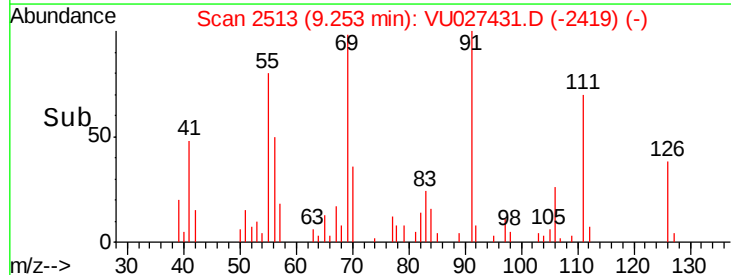
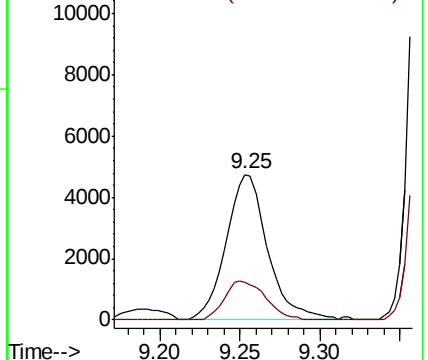


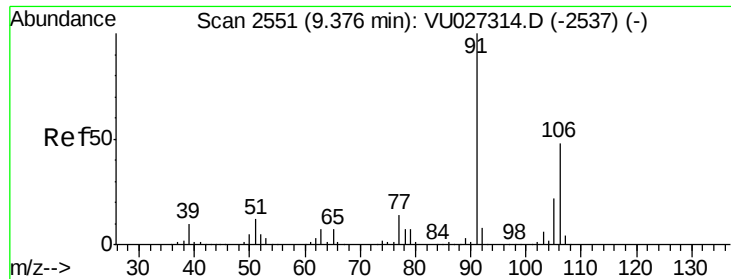
#67
 Ethyl Benzene
 Concen: 1.165 ug/l
 RT: 9.25 min Scan# 2513
 Delta R.T. 0.00 min
 Lab File: VU027431.D
 Acq: 05 Oct 2018 00:17

Tgt Ion:	91	Resp:	8392
Ion	Ratio	Lower	Upper
91	100		
106	25.9	23.6	35.4



Abundance Ion 91.00 (90.70 to 91.70): VU0
 Ion 106.00 (105.70 to 106.70): V

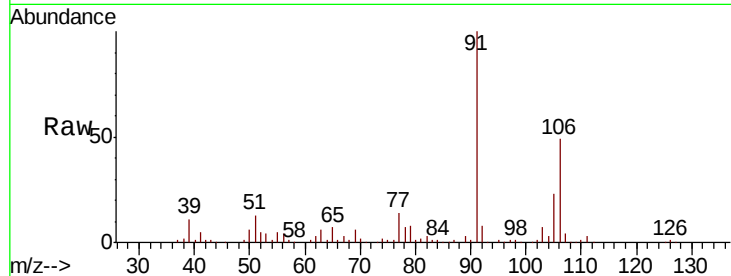




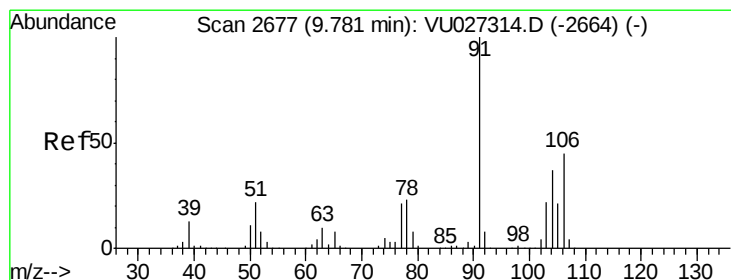
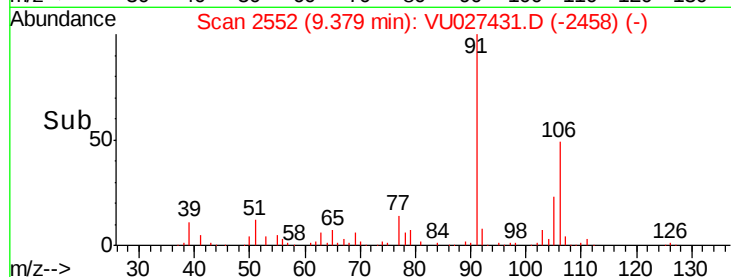
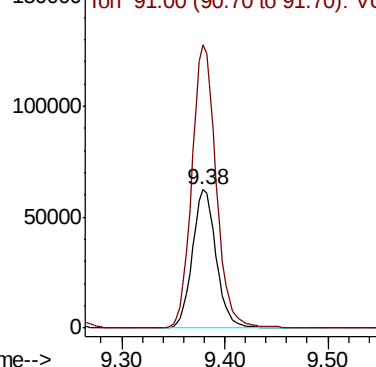
#68
m/p-Xylenes
Concen: 38.048 ug/l
RT: 9.38 min Scan# 2552
Delta R.T. 0.00 min
Lab File: VU027431.D
Acq: 05 Oct 2018 00:17

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

Tgt Ion:106 Resp: 100281
Ion Ratio Lower Upper
106 100
91 208.3 168.1 252.1

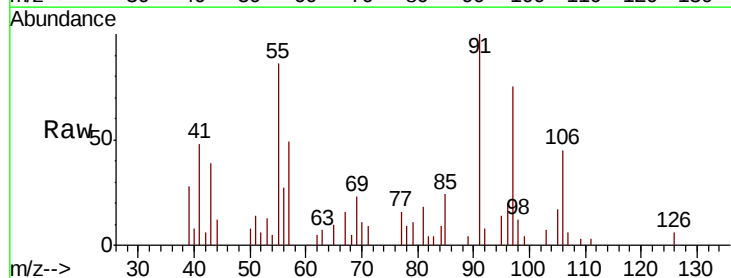


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0

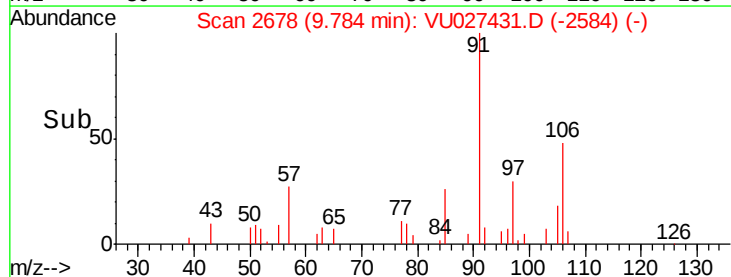
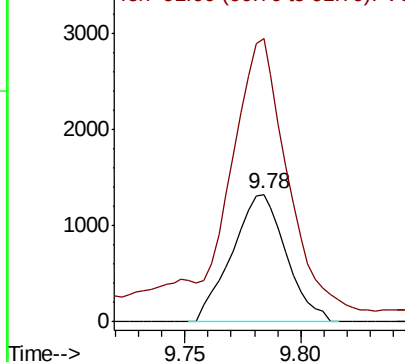


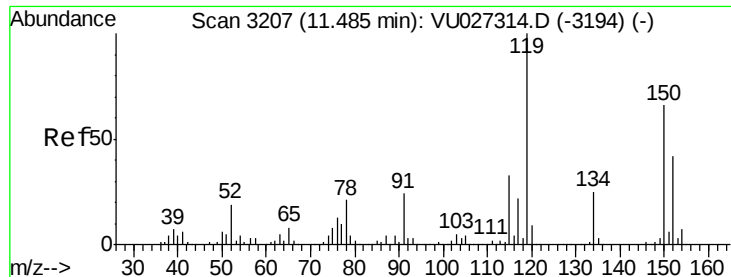
#69
o-Xylene
Concen: 0.860 ug/l
RT: 9.78 min Scan# 2678
Delta R.T. 0.00 min
Lab File: VU027431.D
Acq: 05 Oct 2018 00:17

Tgt Ion:106 Resp: 2153
Ion Ratio Lower Upper
106 100
91 219.2 111.7 334.9



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.48 min Scan# 3207

Delta R.T. -0.00 min

Lab File: VU027431.D

Acq: 05 Oct 2018 00:17

Instrument :

MSVOA_U

ClientSampleId :

EP1-MW-D-092718

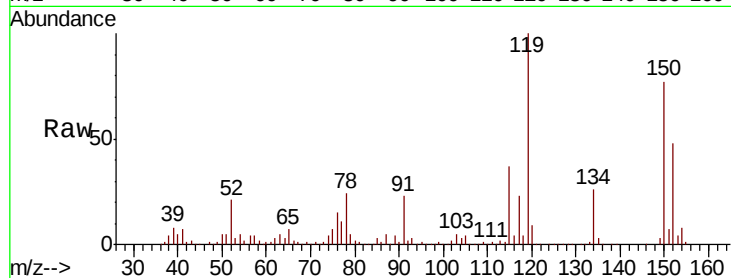
Tgt Ion:152 Resp: 108332

Ion Ratio Lower Upper

152 100

115 81.5 43.4 130.2

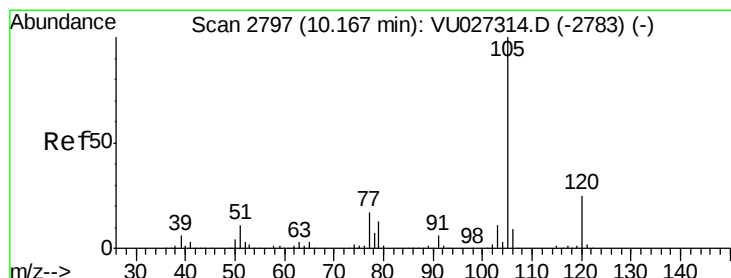
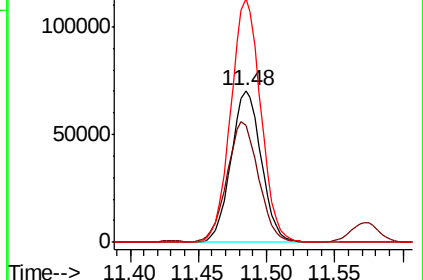
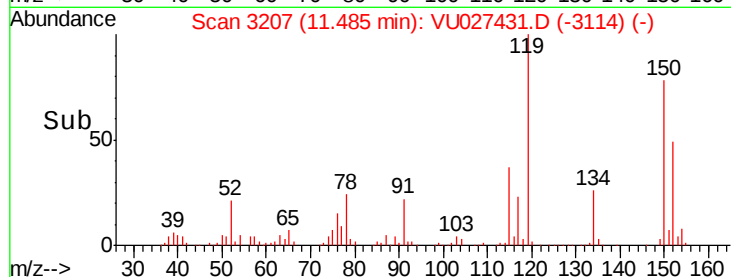
150 158.7 0.0 349.2



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: 10.423 ug/l

RT: 10.17 min Scan# 2797

Delta R.T. -0.00 min

Lab File: VU027431.D

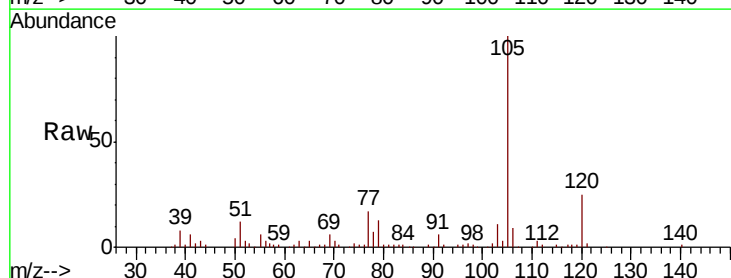
Acq: 05 Oct 2018 00:17

Tgt Ion:105 Resp: 82011

Ion Ratio Lower Upper

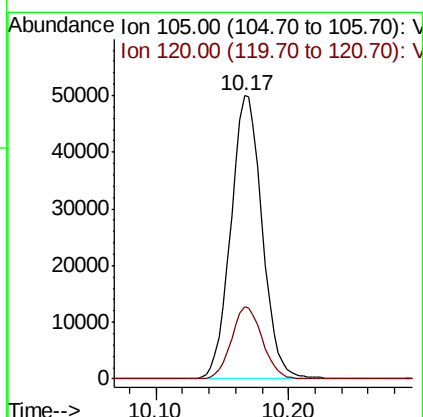
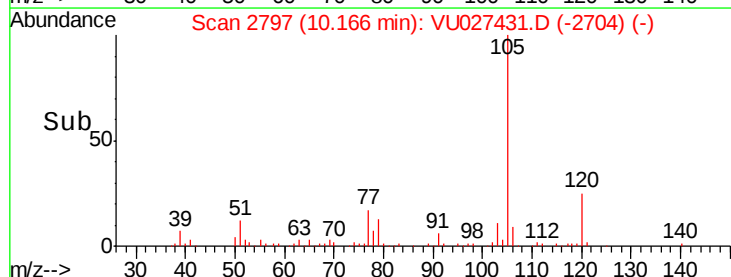
105 100

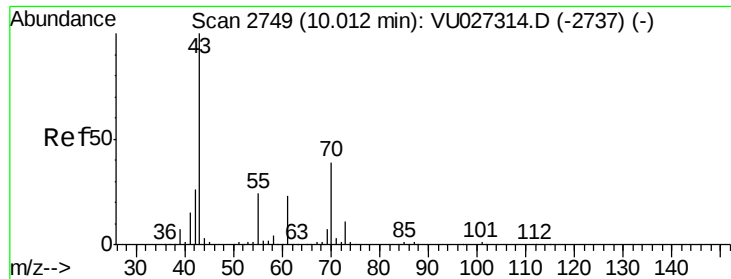
120 25.1 12.6 37.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-ethyl acetate

Concen: 3.421 ug/l

RT: 10.04 min Scan# 2759

Delta R.T. 0.03 min

Lab File: VU027431.D

Acq: 05 Oct 2018 00:17

Instrument :

MSVOA_U

ClientSampleId :

EP1-MW-D-092718

Tgt Ion: 43 Resp: 15409

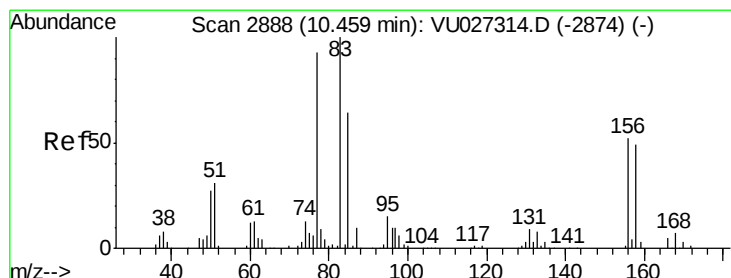
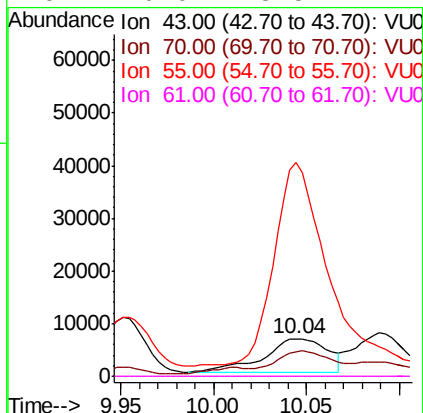
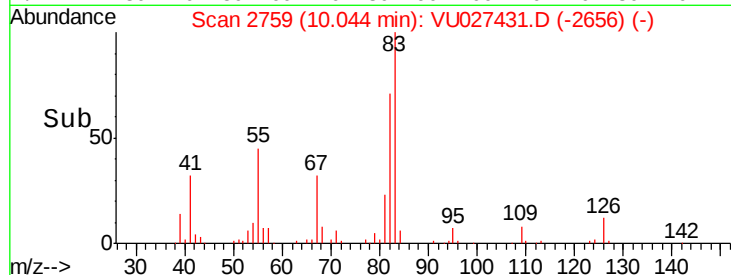
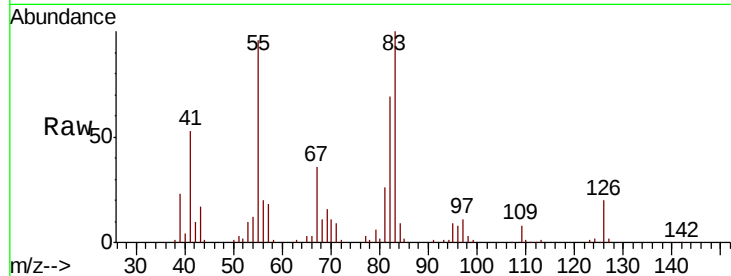
Ion Ratio Lower Upper

43 100

70 38.6 31.3 46.9

55 515.3 19.0 28.6#

61 0.0 18.5 27.7#



#75

1,1,2,2-Tetrachloroethane

Concen: 4.102 ug/l

RT: 10.49 min Scan# 2898

Delta R.T. 0.03 min

Lab File: VU027431.D

Acq: 05 Oct 2018 00:17

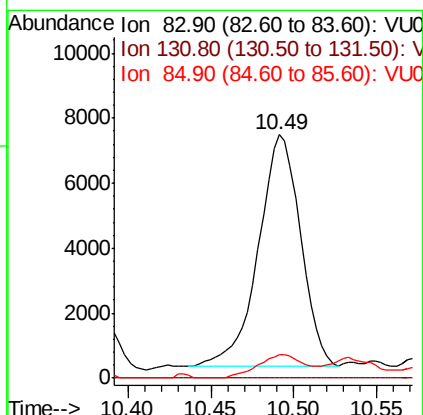
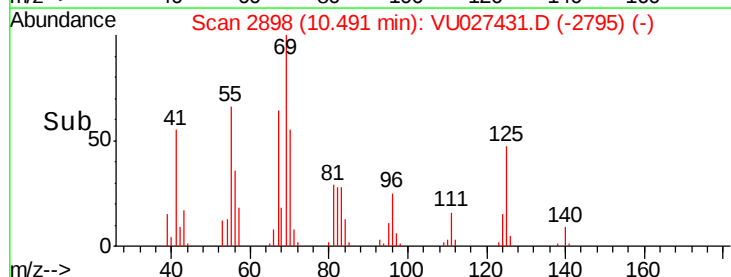
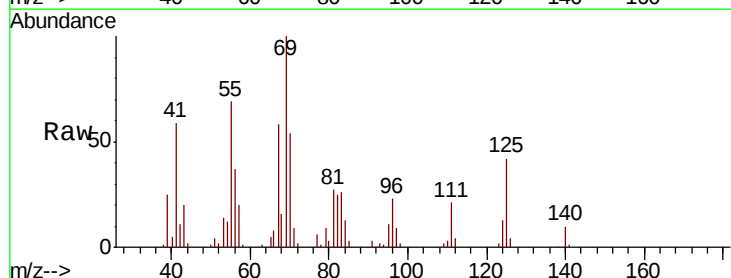
Tgt Ion: 83 Resp: 12673

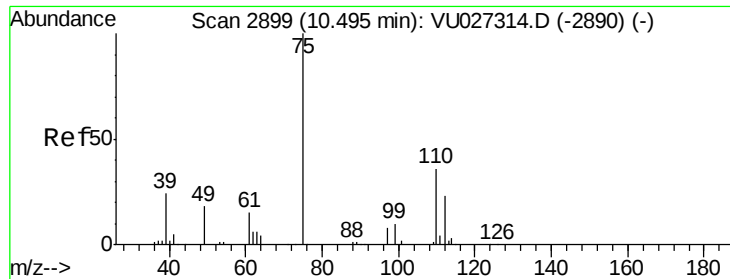
Ion Ratio Lower Upper

83 100

131 0.0 4.4 13.2#

85 11.8 32.0 96.0#





#76

1,2,3-Trichloropropane

Concen: 22.202 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. -0.19 min

Lab File: VU027431.D

Acq: 05 Oct 2018 00:17

Instrument :

MSVOA_U

ClientSampleId :

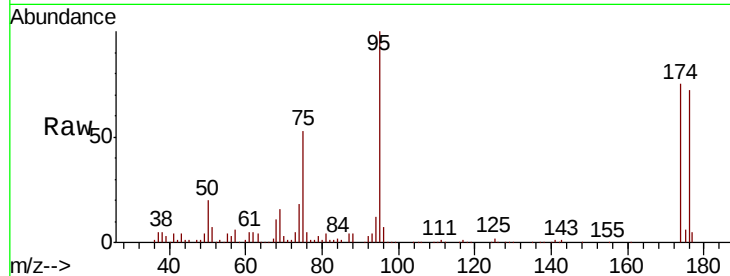
EP1-MW-D-092718

Tgt Ion: 75 Resp: 62347

Ion Ratio Lower Upper

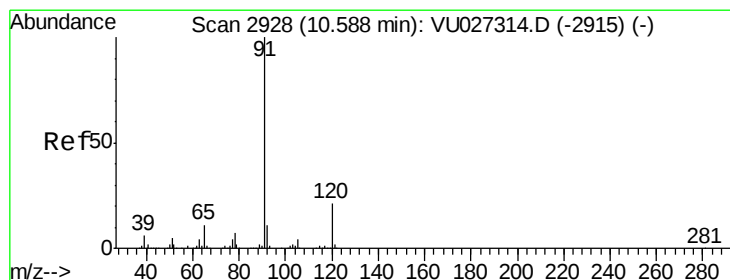
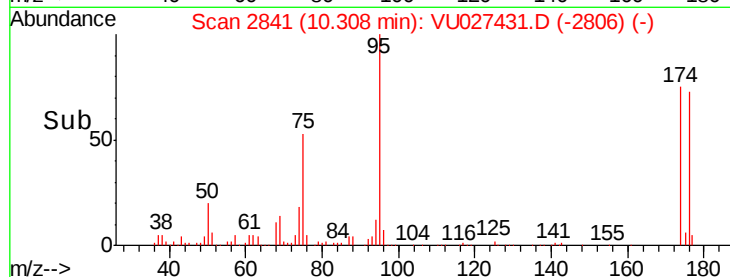
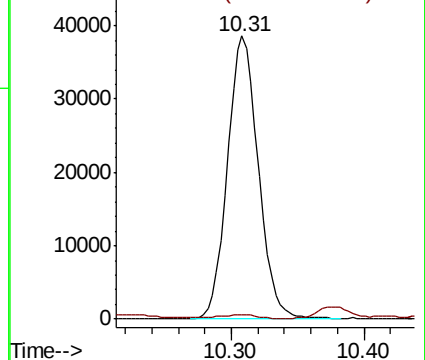
75 100

77 0.0 20.3 60.9#



Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 77.00 (76.70 to 77.70): VU0



#78

n-propylbenzene

Concen: 13.855 ug/l

RT: 10.59 min Scan# 2928

Delta R.T. -0.00 min

Lab File: VU027431.D

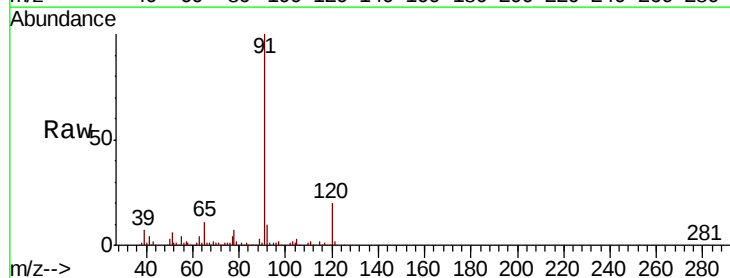
Acq: 05 Oct 2018 00:17

Tgt Ion: 91 Resp: 130987

Ion Ratio Lower Upper

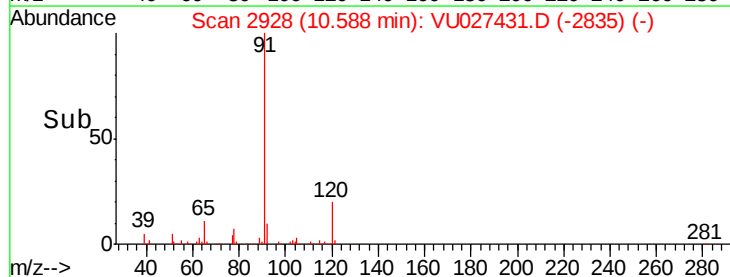
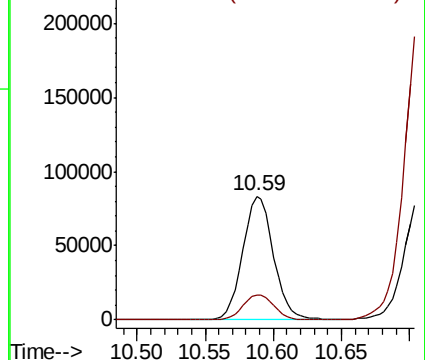
91 100

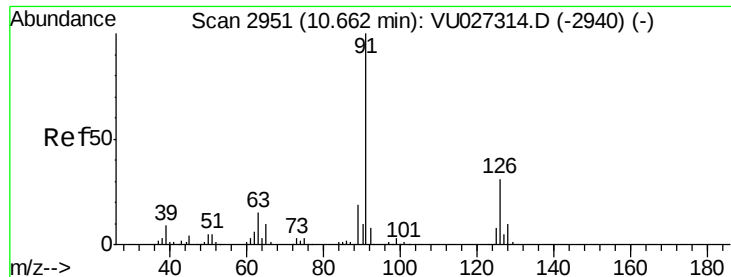
120 20.9 10.6 31.8



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 120.00 (119.70 to 120.70): V

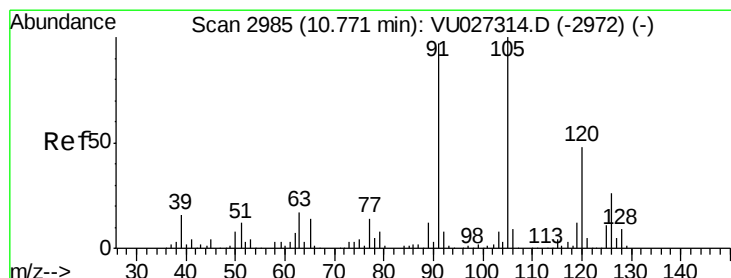
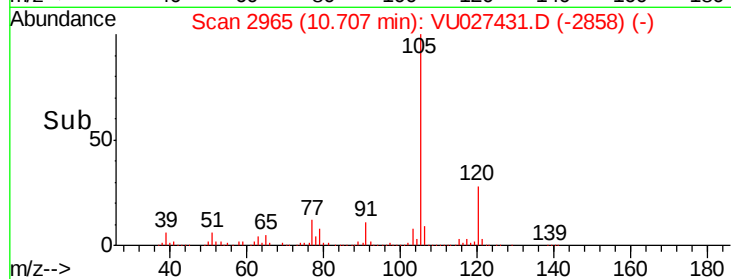
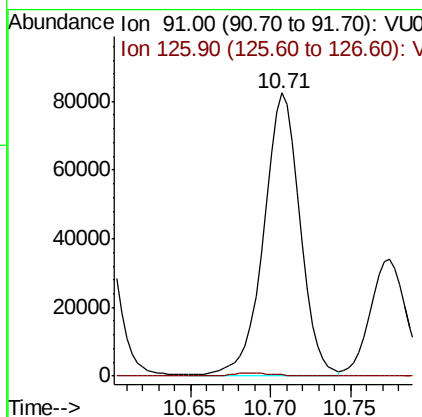
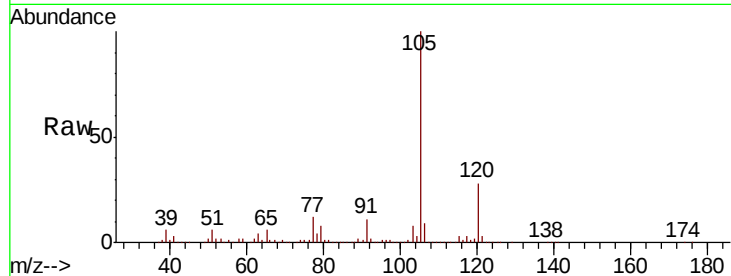




#79
 2-Chlorotoluene
 Concen: 22.713 ug/l
 RT: 10.71 min Scan# 2965
 Delta R.T. 0.04 min
 Lab File: VU027431.D
 Acq: 05 Oct 2018 00:17

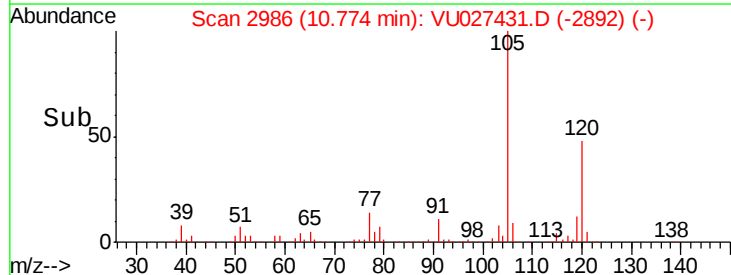
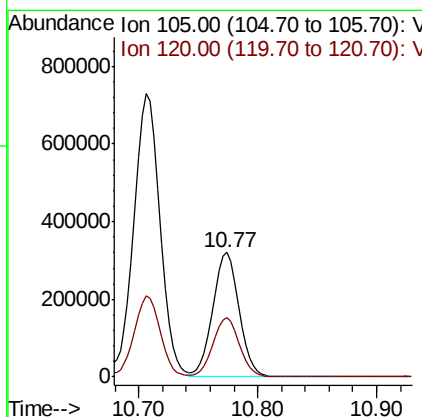
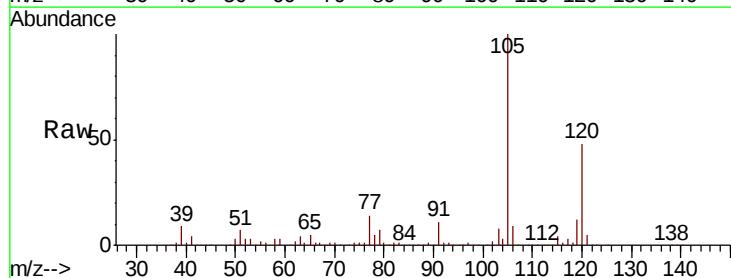
Instrument :
 MSVOA_U
 ClientSampleId :
 EP1-MW-D-092718

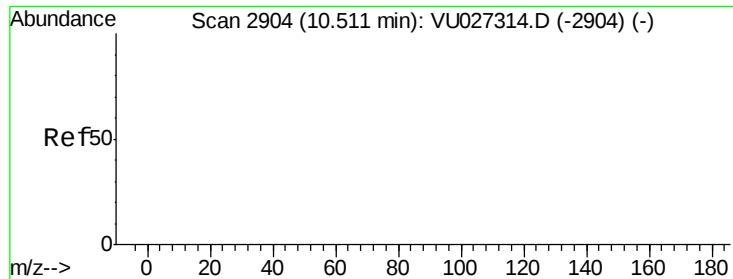
Tgt Ion: 91 Resp: 129658
 Ion Ratio Lower Upper
 91 100
 126 1.3 15.7 47.1#



#80
 1,3,5-Trimethylbenzene
 Concen: 76.685 ug/l
 RT: 10.77 min Scan# 2986
 Delta R.T. 0.00 min
 Lab File: VU027431.D
 Acq: 05 Oct 2018 00:17

Tgt Ion: 105 Resp: 491223
 Ion Ratio Lower Upper
 105 100
 120 47.6 24.1 72.4





#81

trans-1,4-Dichloro-2-butene

Concen: 8.604 ug/l

RT: 10.71 min Scan# 2965

Delta R.T. 0.20 min

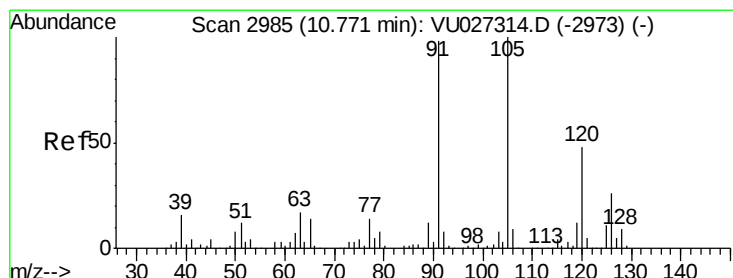
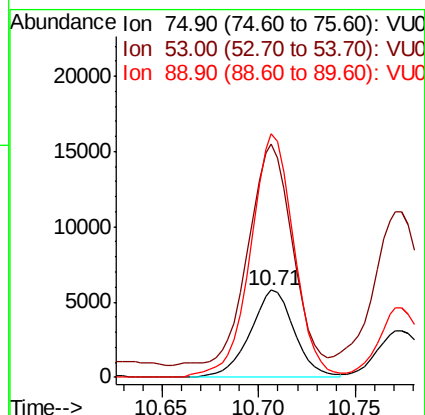
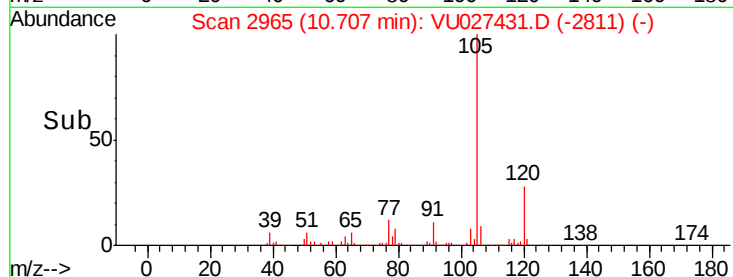
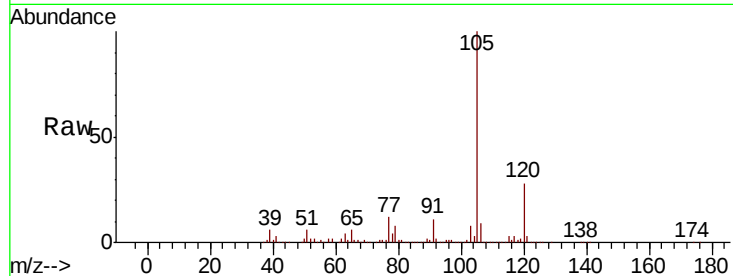
Lab File: VU027431.D

Acq: 05 Oct 2018 00:17

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

Tgt Ion: 75 Resp: 9232

Ion	Ratio	Lower	Upper
75	100		
53	243.7	0.0	0.0#
89	273.9	0.0	0.0#



#82

4-Chlorotoluene

Concen: 8.196 ug/l

RT: 10.77 min Scan# 2986

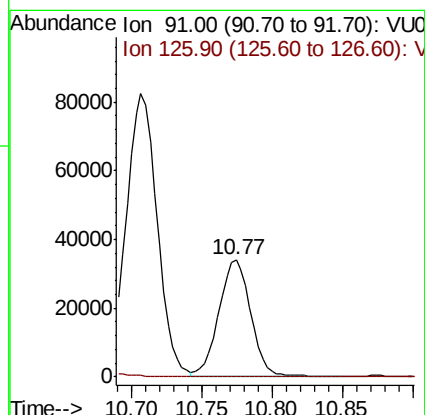
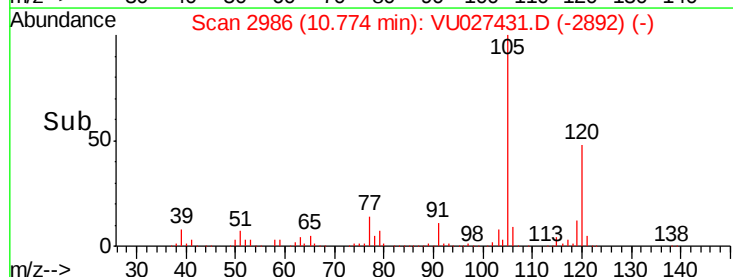
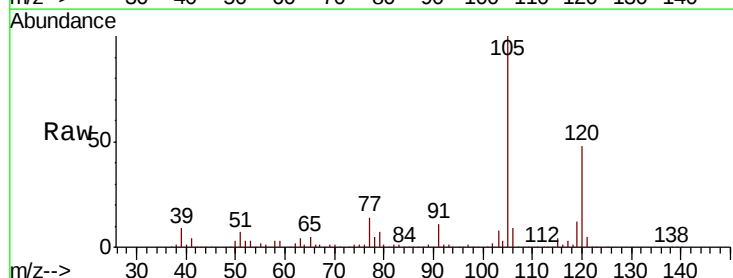
Delta R.T. 0.00 min

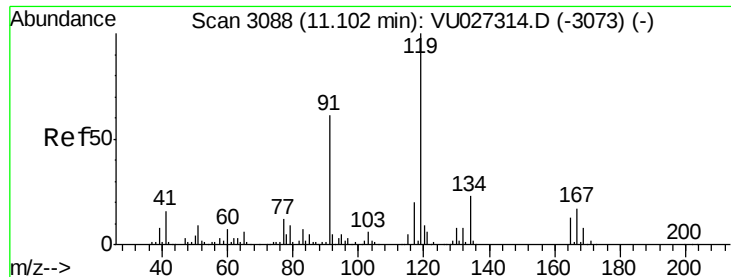
Lab File: VU027431.D

Acq: 05 Oct 2018 00:17

Tgt Ion: 91 Resp: 53096

Ion	Ratio	Lower	Upper
91	100		
126	0.0	13.6	40.8#

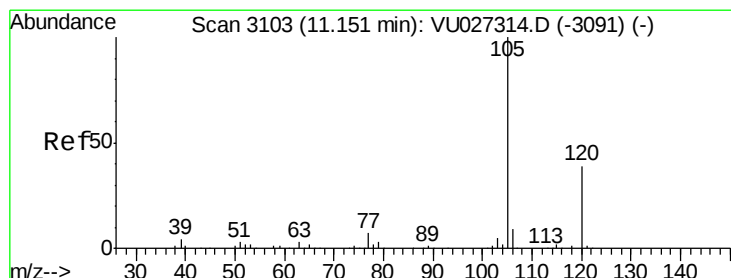
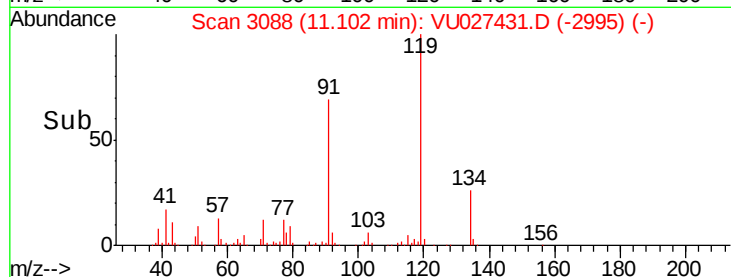
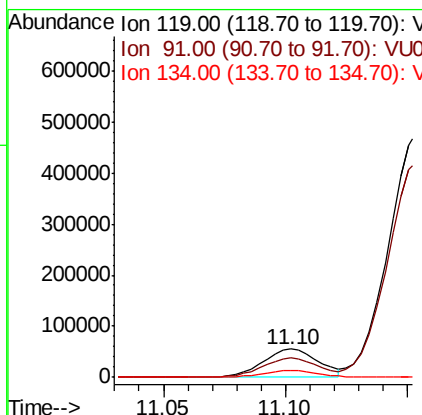
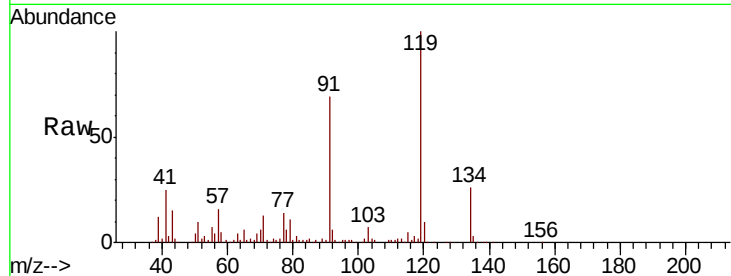




#83
 tert-Butylbenzene
 Concen: 13.965 ug/l
 RT: 11.10 min Scan# 3088
 Delta R.T. -0.00 min
 Lab File: VU027431.D
 Acq: 05 Oct 2018 00:17

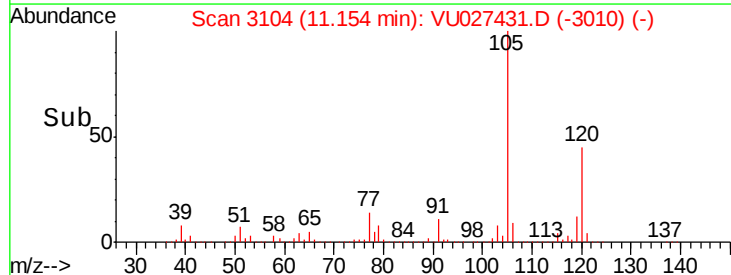
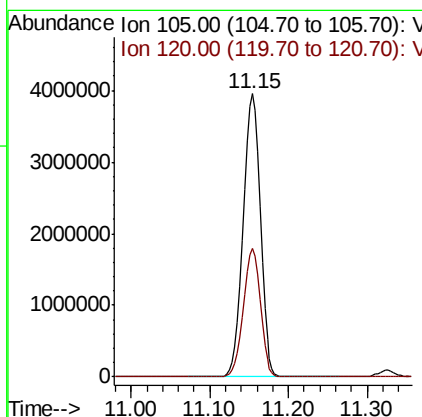
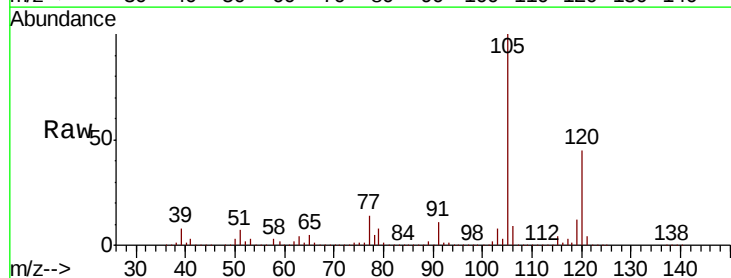
Instrument :
 MSVOA_U
 ClientSampleId :
 EP1-MW-D-092718

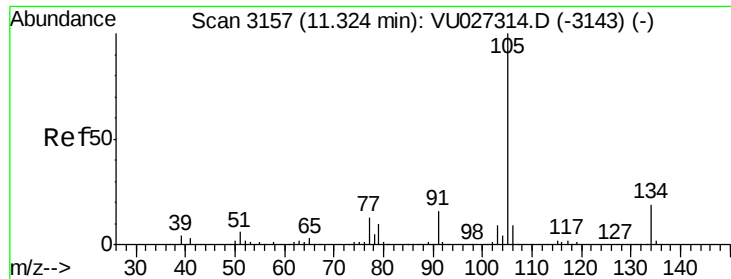
Tgt Ion:119 Resp: 86481
 Ion Ratio Lower Upper
 119 100
 91 69.7 30.3 91.0
 134 25.5 11.5 34.4



#84
 1,2,4-Trimethylbenzene
 Concen: 919.258 ug/l
 RT: 11.15 min Scan# 3104
 Delta R.T. 0.00 min
 Lab File: VU027431.D
 Acq: 05 Oct 2018 00:17

Tgt Ion:105 Resp: 6015091
 Ion Ratio Lower Upper
 105 100
 120 45.0 22.1 66.5

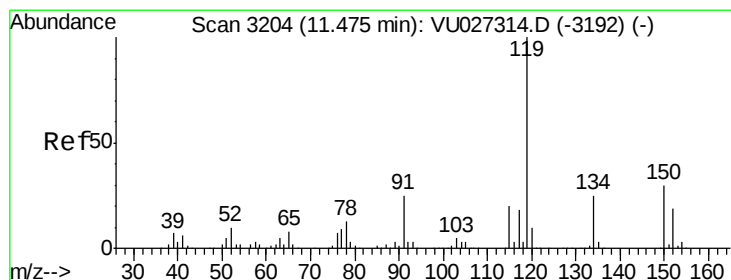
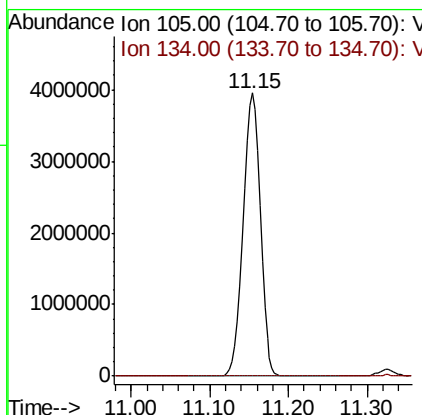
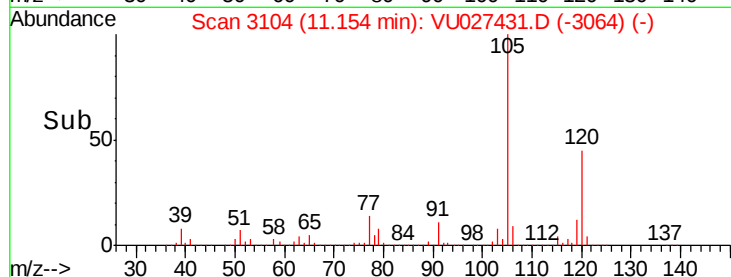
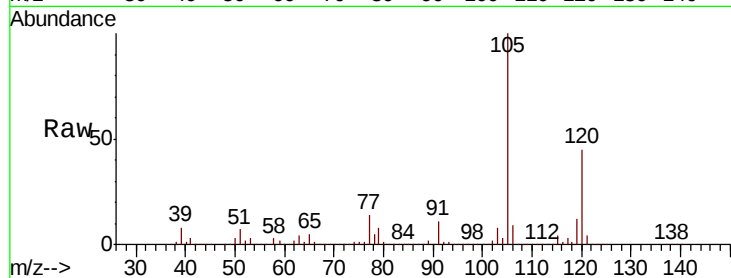




#85
 sec-Butylbenzene
 Concen: 770.910 ug/l
 RT: 11.15 min Scan# 3104
 Delta R.T. -0.17 min
 Lab File: VU027431.D
 Acq: 05 Oct 2018 00:17

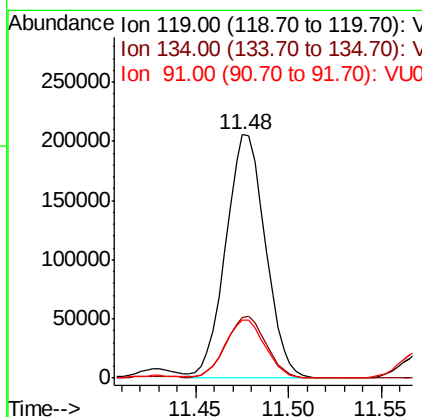
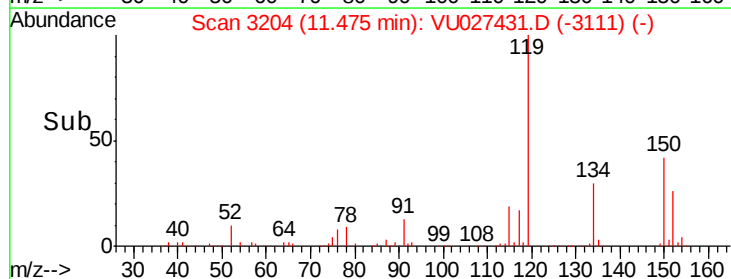
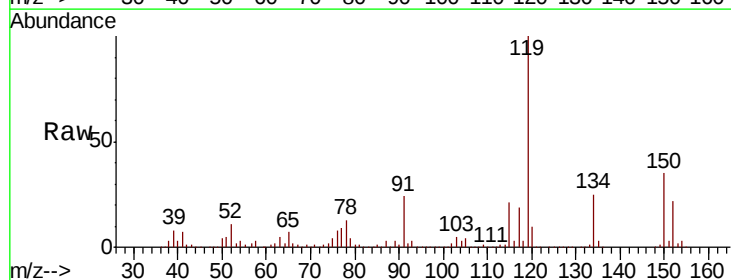
Instrument :
 MSVOA_U
 ClientSampleId :
 EP1-MW-D-092718

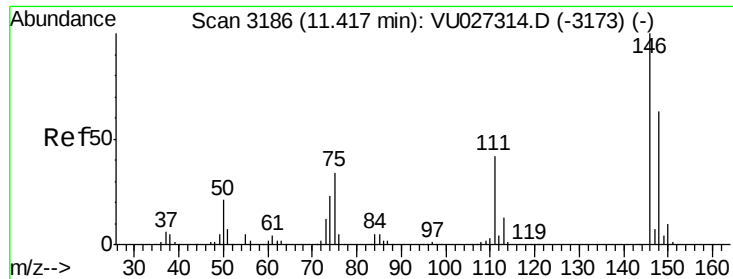
Tgt Ion:105 Resp: 6015091
 Ion Ratio Lower Upper
 105 100
 134 0.0 9.6 28.6#



#86
 p-Isopropyltoluene
 Concen: 45.815 ug/l
 RT: 11.48 min Scan# 3204
 Delta R.T. -0.00 min
 Lab File: VU027431.D
 Acq: 05 Oct 2018 00:17

Tgt Ion:119 Resp: 306074
 Ion Ratio Lower Upper
 119 100
 134 25.5 12.7 38.1
 91 24.1 12.2 36.4





#87

1,3-Dichlorobenzene

Concen: 0.314 ug/l

RT: 11.51 min Scan# 3214

Delta R.T. 0.09 min

Lab File: VU027431.D

Acq: 05 Oct 2018 00:17

Instrument :

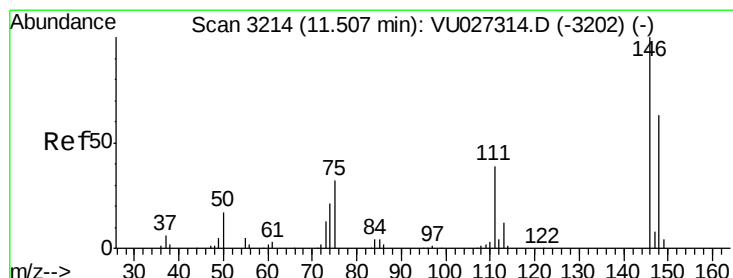
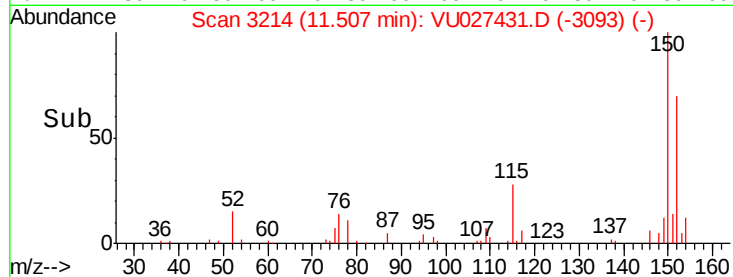
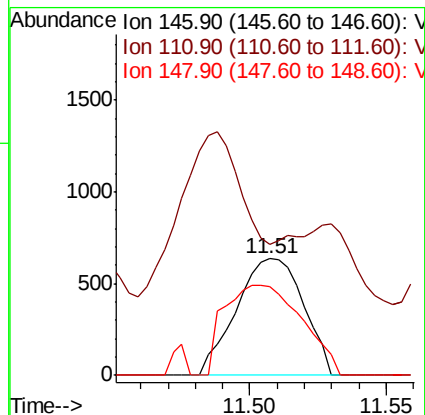
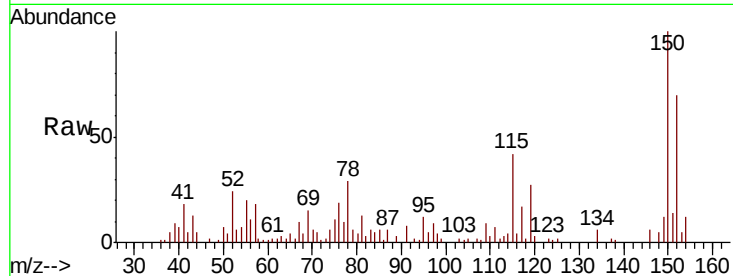
MSVOA_U

ClientSampleId :

EP1-MW-D-092718

Tgt Ion:146 Resp: 1087

Ion	Ratio	Lower	Upper
146	100		
111	136.7	20.8	62.5#
148	89.7	31.6	94.8



#88

1,4-Dichlorobenzene

Concen: 0.307 ug/l

RT: 11.51 min Scan# 3214

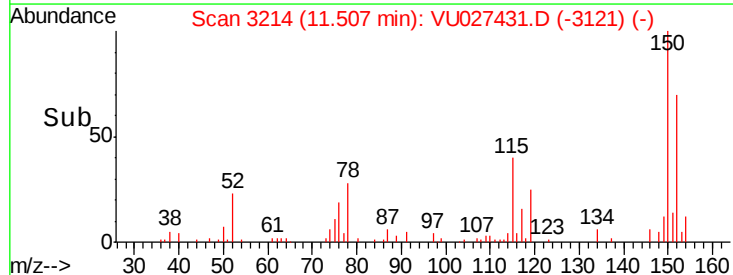
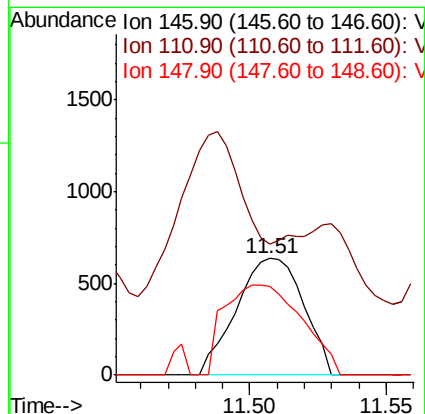
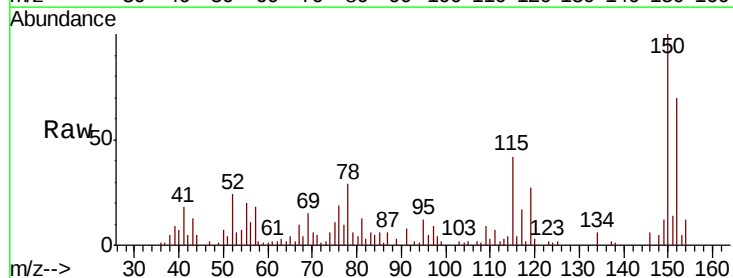
Delta R.T. -0.00 min

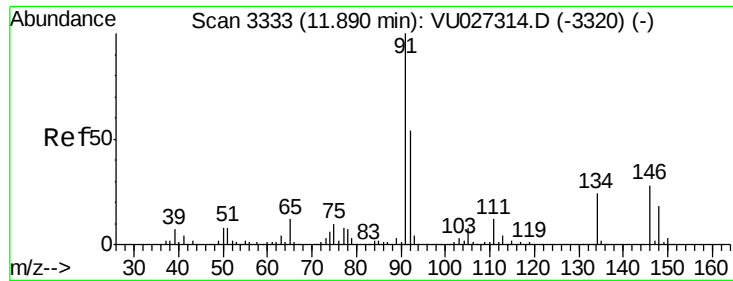
Lab File: VU027431.D

Acq: 05 Oct 2018 00:17

Tgt Ion:146 Resp: 1087

Ion	Ratio	Lower	Upper
146	100		
111	136.7	20.4	61.2#
148	89.7	31.9	95.5

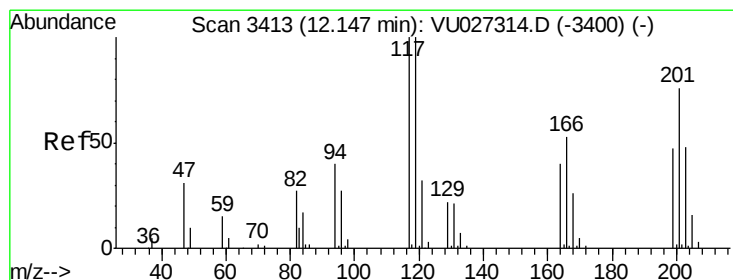
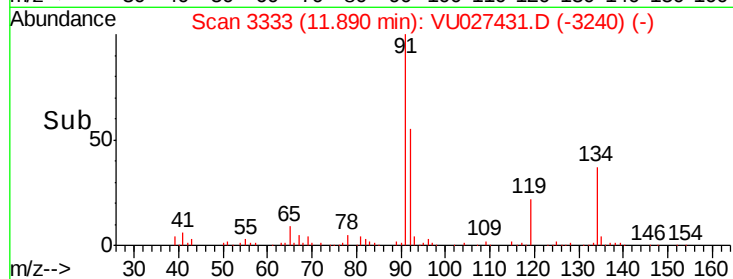
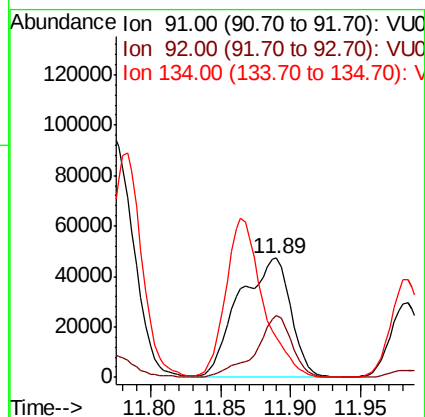
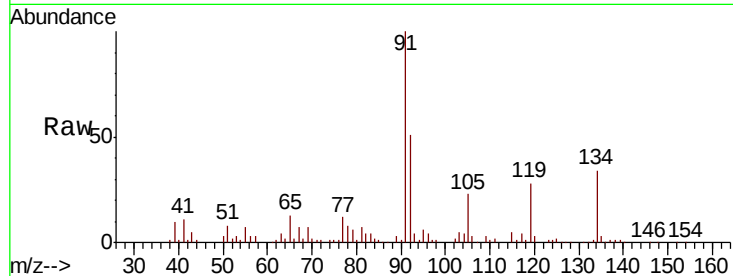




#89
n-Butylbenzene
Concen: 18.301 ug/l
RT: 11.89 min Scan# 3333
Delta R.T. -0.00 min
Lab File: VU027431.D
Acq: 05 Oct 2018 00:17

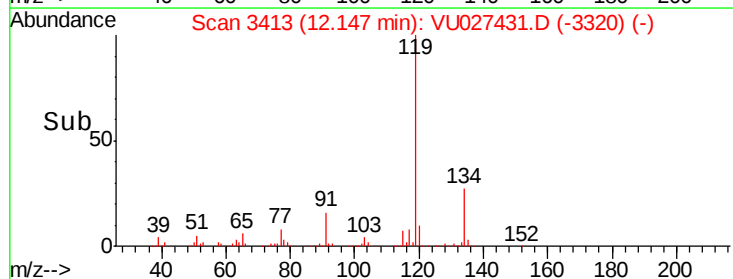
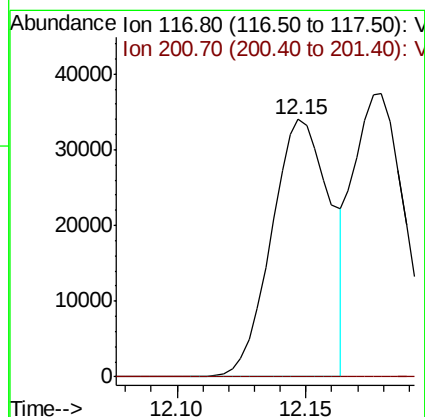
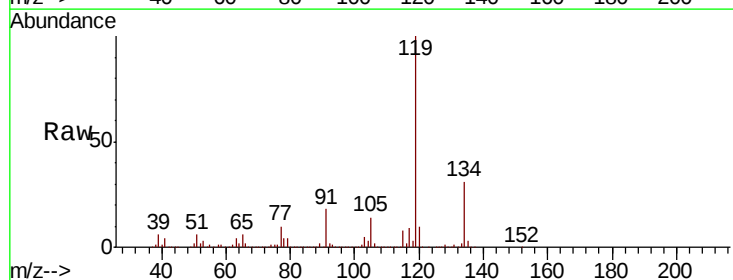
Instrument :
MSVOA_U
ClientSampleId :
EP1-MW-D-092718

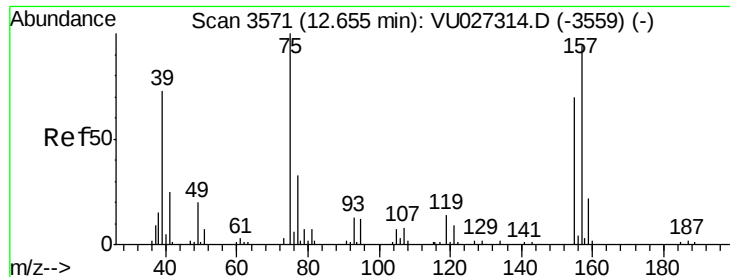
Tgt Ion: 91 Resp: 120622
Ion Ratio Lower Upper
91 100
92 36.4 27.0 81.0
134 0.0 11.7 35.1#



#90
Hexachloroethane
Concen: 43.080 ug/l
RT: 12.15 min Scan# 3413
Delta R.T. -0.00 min
Lab File: VU027431.D
Acq: 05 Oct 2018 00:17

Tgt Ion: 117 Resp: 54249
Ion Ratio Lower Upper
117 100
201 0.0 37.9 113.6#





#92

1,2-Dibromo-3-Chloropropane

Concen: 6.363 ug/l

RT: 12.65 min Scan# 3569

Delta R.T. -0.01 min

Lab File: VU027431.D

Acq: 05 Oct 2018 00:17

Instrument :

MSVOA_U

ClientSampleId :

EP1-MW-D-092718

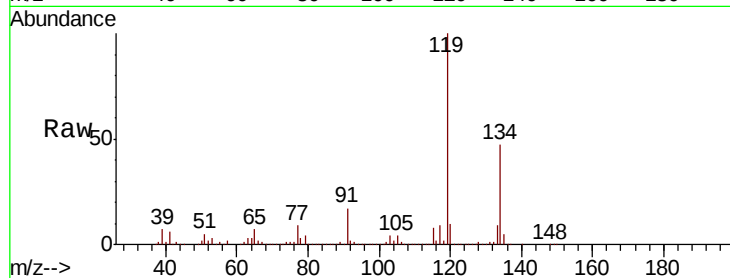
Tgt Ion: 75 Resp: 4357

Ion Ratio Lower Upper

75 100

155 0.0 35.9 107.8#

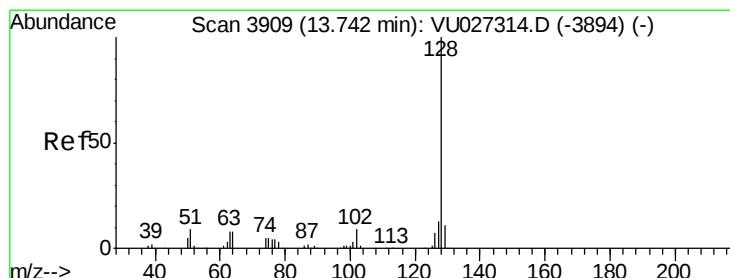
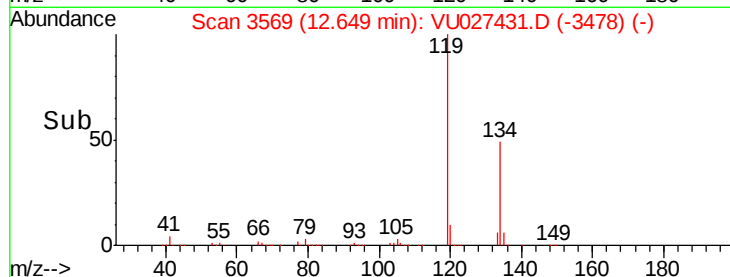
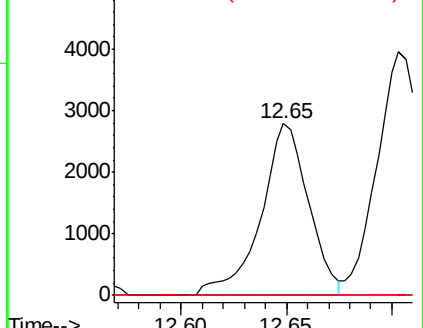
157 0.0 46.9 140.6#



Abundance Ion 74.90 (74.60 to 75.60): VU027431.D (-3559) (-)

Ion 154.80 (154.50 to 155.50): VU027431.D (-3559) (-)

Ion 156.80 (156.50 to 157.50): VU027431.D (-3559) (-)



#95

Naphthalene

Concen: 2.582 ug/l

RT: 13.74 min Scan# 3909

Delta R.T. -0.00 min

Lab File: VU027431.D

Acq: 05 Oct 2018 00:17

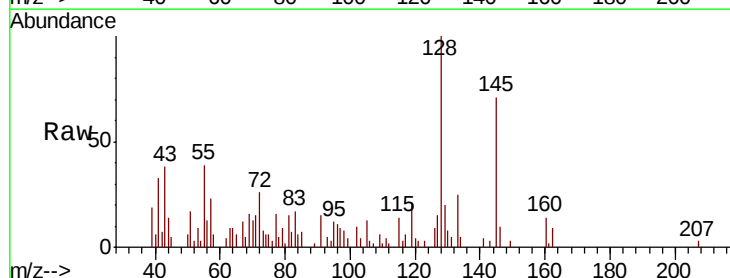
Tgt Ion: 128 Resp: 7811

Ion Ratio Lower Upper

128 100

127 17.8 10.5 15.7#

129 29.3 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) (-)

