

Data File : VU027544.D
Acq On : 10 Oct 2018 00:15
Operator : MD/SY
Sample : J5165-25
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EP1-MW-D

Quant Time: Oct 10 06:02:31 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	144178	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	243406	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	217589	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	97311	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.31	65	109933	45.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.32%	
35) Dibromofluoromethane	4.88	113	79024	47.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.74%	
50) Toluene-d8	7.57	98	311272	49.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.72%	
62) 4-Bromofluorobenzene	10.31	95	112842	48.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.26%	

Target Compounds

						Qvalue
11) Tert butyl alcohol	2.83	59	5567	10.981	ug/l	94
14) Allyl chloride	2.56	41	1915	0.530	ug/l #	26
16) Acetone	2.32	43	627016	440.856	ug/l	99
17) Carbon Disulfide	2.48	76	12184	2.218	ug/l	100
18) Methyl Acetate	2.45	43	18526	5.710	ug/l #	56
20) Methylene Chloride	2.70	84	495	0.250	ug/l #	76
25) 2-Butanone	4.27	43	82507	42.541	ug/l	98
26) 2,2-Dichloropropane	4.21	77	665	0.214	ug/l #	56
27) cis-1,2-Dichloroethene	4.24	96	677	0.346	ug/l	77
28) Bromochloromethane	4.68	49	795	0.436	ug/l #	24
29) Tetrahydrofuran	4.66	42	4572	3.741	ug/l	99
30) Chloroform	4.67	83	10539	3.139	ug/l	98
31) Cyclohexane	4.99	56	4816	1.014	ug/l #	1
36) 1,1-Dichloropropene	4.99	75	12385	4.686	ug/l #	49
37) Ethyl Acetate	4.27	43	82507	24.156	ug/l #	70
38) Carbon Tetrachloride	4.99	117	14683	6.150	ug/l #	18
39) Methylcyclohexane	6.42	83	7012	2.270	ug/l	93
41) Methacrylonitrile	4.65	41	2750	1.424	ug/l #	45
43) Isopropyl Acetate	5.79	43	17295	3.260	ug/l #	63
44) Trichloroethene	6.19	130	397	0.231	ug/l	93
47) Bromodichloromethane	6.76	83	1139	0.438	ug/l #	96
51) 4-Methyl-2-Pentanone	7.47	43	3481	1.010	ug/l	100
55) 1,1,2-Trichloroethane	8.05	97	10628	5.883	ug/l #	18
56) Ethyl methacrylate	8.05	69	2565	2.979	ug/l #	1
59) 2-Hexanone	8.38	43	2879	1.077	ug/l	91
60) Dibromochloromethane	8.23	129	894	0.493	ug/l #	10
64) Tetrachloroethene	8.23	164	892	0.659	ug/l	87
65) Chlorobenzene	9.25	112	1237	0.270	ug/l #	42
67) Ethyl Benzene	9.25	91	18732	2.308	ug/l	98
68) m/p-Xylenes	9.38	106	82328	27.737	ug/l	100
69) o-Xylene	9.78	106	3074	1.090	ug/l	93
70) Styrene	9.78	104	71	2.312	ug/l #	1
73) Isopropylbenzene	10.17	105	92724	13.120	ug/l	98
74) N-amyl acetate	10.04	43	47791	11.812	ug/l #	1

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
75) 1,1,2,2-Tetrachloroethane	10.49	83	31972	11.521	ug/l #	35
76) 1,2,3-Trichloropropane	10.31	75	56116	22.246	ug/l #	35
78) n-propylbenzene	10.59	91	118353	13.936	ug/l	100
79) 2-Chlorotoluene	10.71	91	102932	20.074	ug/l #	45
80) 1,3,5-Trimethylbenzene	10.77	105	421658	73.280	ug/l	100
81) trans-1,4-Dichloro-2-buten	10.71	75	7619	7.905	ug/l #	100
82) 4-Chlorotoluene	10.77	91	45244	7.775	ug/l #	48
83) tert-Butylbenzene	11.10	119	89169	16.030	ug/l	89
84) 1,2,4-Trimethylbenzene	11.16	105	9455183	1608.644	ug/l	98
85) sec-Butylbenzene	11.16	105	9455183	1349.045	ug/l #	58
86) p-Isopropyltoluene	11.48	119	215768	35.955	ug/l	100
87) 1,3-Dichlorobenzene	11.51	146	779	0.250	ug/l #	51
88) 1,4-Dichlorobenzene	11.51	146	779	0.245	ug/l #	52
89) n-Butylbenzene	11.87	91	29092	6.340	ug/l #	1
90) Hexachloroethane	12.15	117	66115	58.450	ug/l #	12
92) 1,2-Dibromo-3-Chloropropan	12.65	75	4882	7.938	ug/l #	8
95) Naphthalene	13.74	128	7786	2.683	ug/l #	62

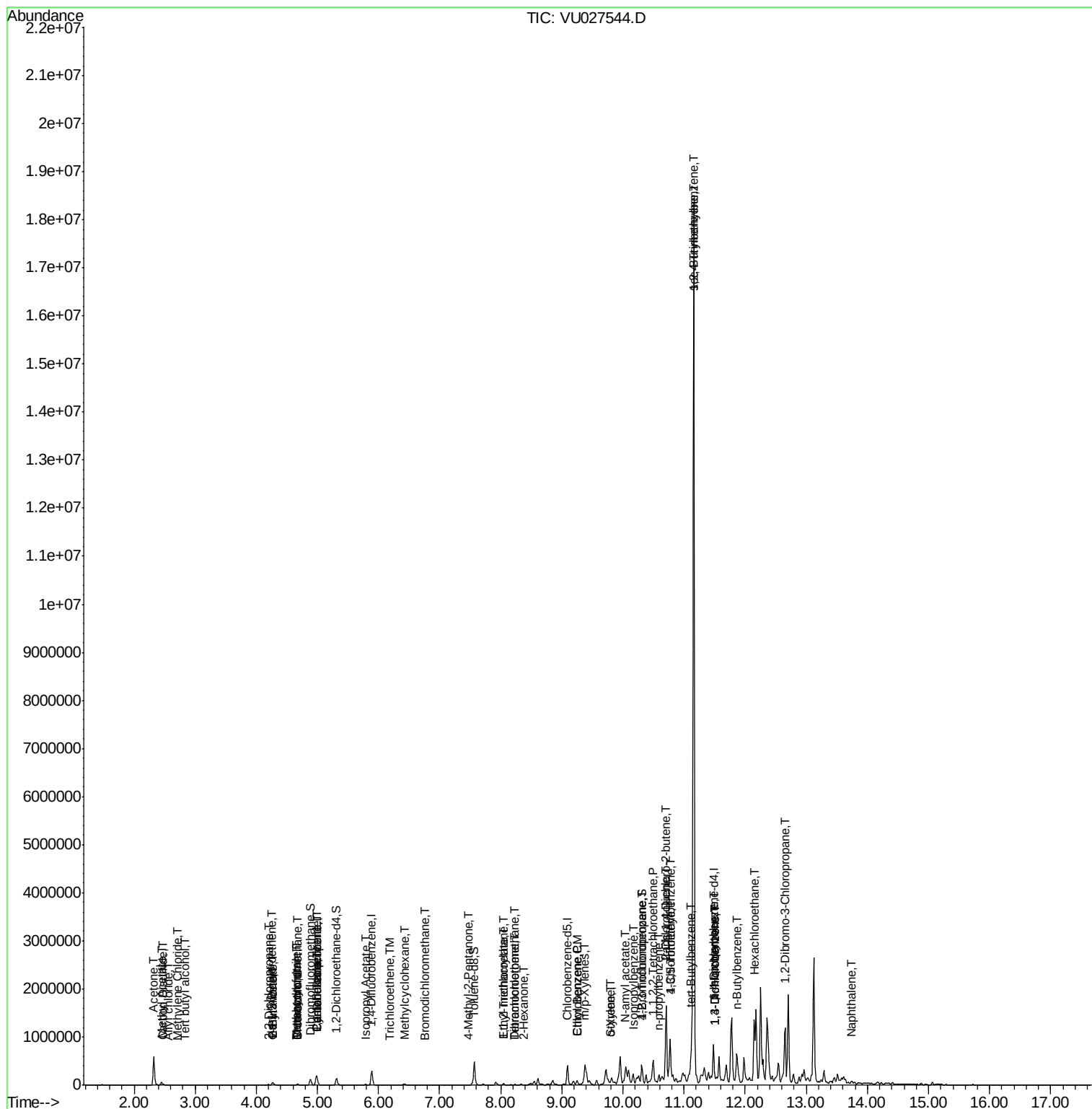
(#) = qualifier out of range (m) = manual integration (+) = signals summed

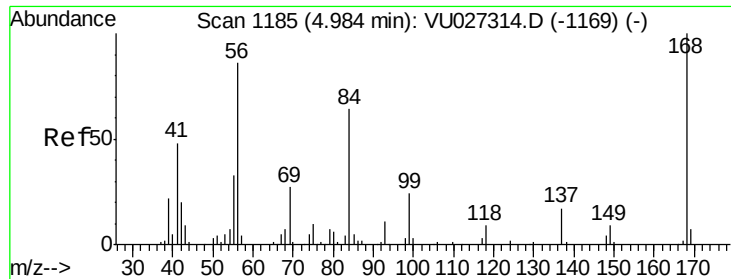
Data File : VU027544.D

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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: VU027544.D

Acq: 10 Oct 2018 00:15

Instrument :

MSVOA_U

ClientSampleId :

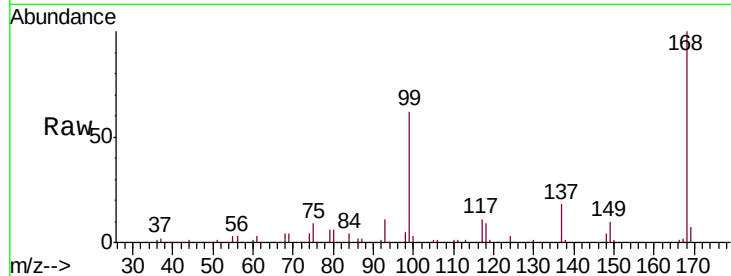
EP1-MW-D

Tgt Ion:168 Resp: 144178

Ion Ratio Lower Upper

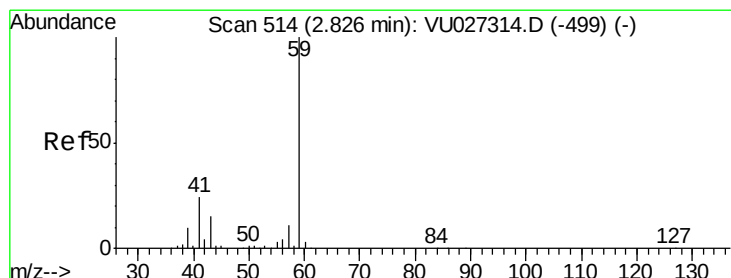
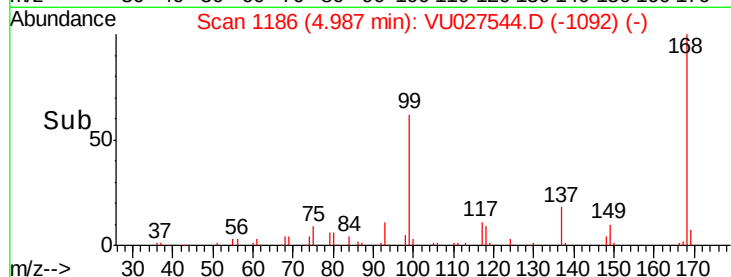
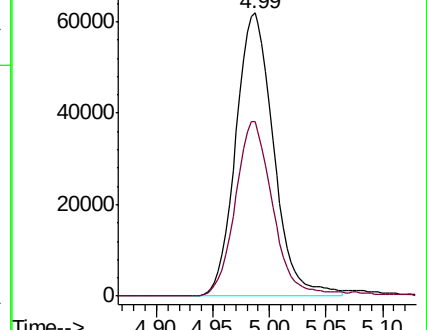
168 100

99 61.5 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) (-)



#11

Tert butyl alcohol

Concen: 10.981 ug/l

RT: 2.83 min Scan# 515

Delta R.T. 0.00 min

Lab File: VU027544.D

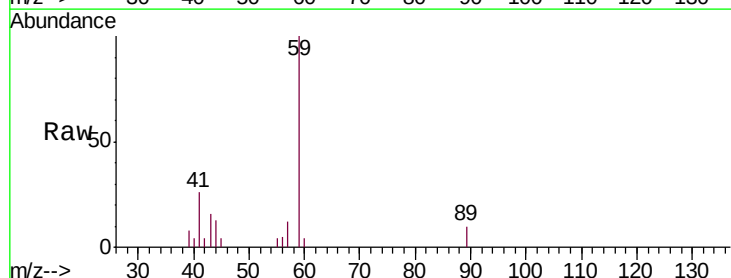
Acq: 10 Oct 2018 00:15

Tgt Ion: 59 Resp: 5567

Ion Ratio Lower Upper

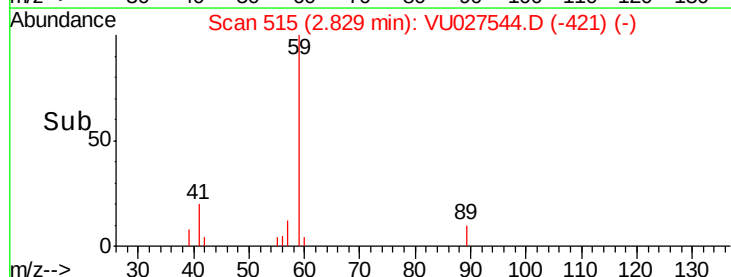
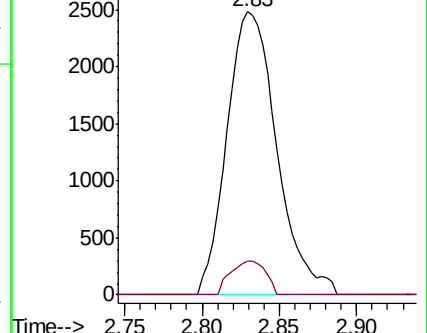
59 100

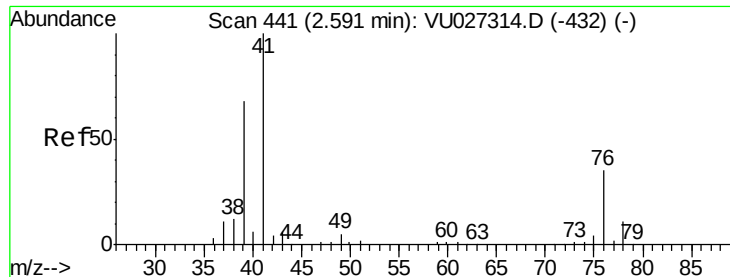
57 8.4 8.4 12.6



Abundance Ion 59.00 (58.70 to 59.70): VU027314.D (-499) (-)

Ion 57.00 (56.70 to 57.70): VU027314.D (-499) (-)

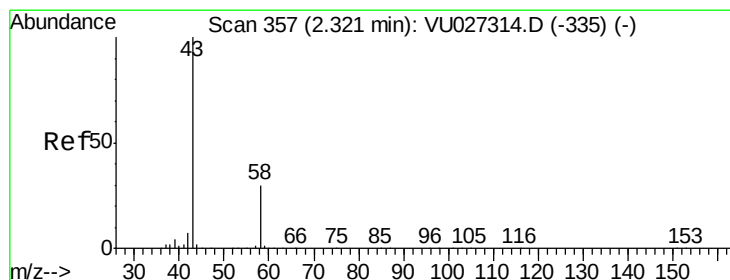
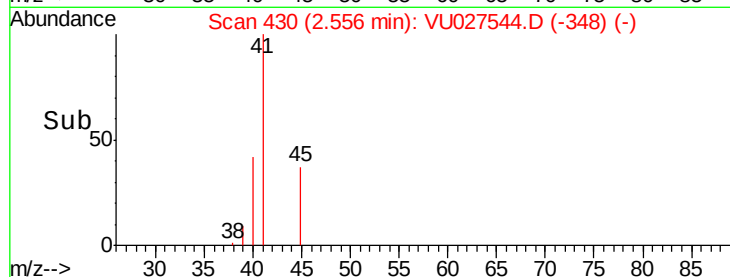
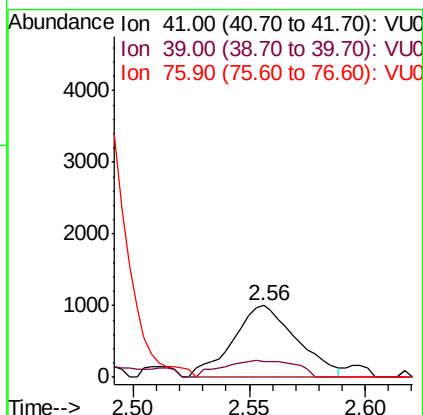
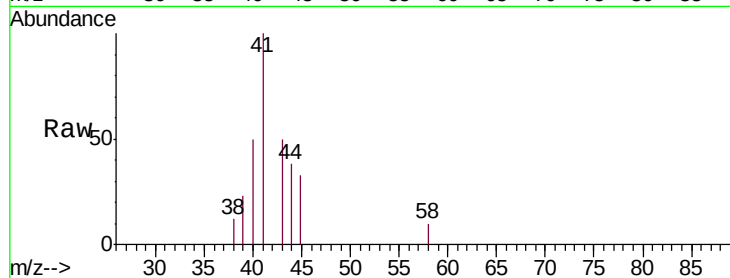




#14
 Allyl chloride
 Concen: 0.530 ug/l
 RT: 2.56 min Scan# 430
 Delta R.T. -0.04 min
 Lab File: VU027544.D
 Acq: 10 Oct 2018 00:15

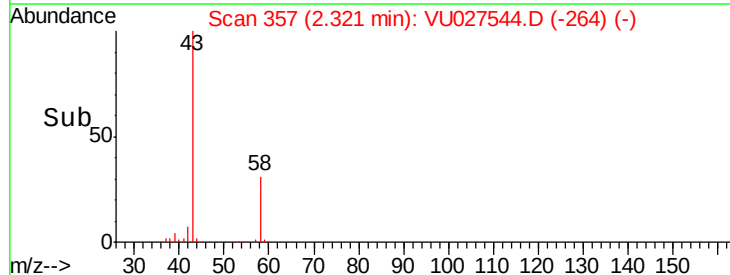
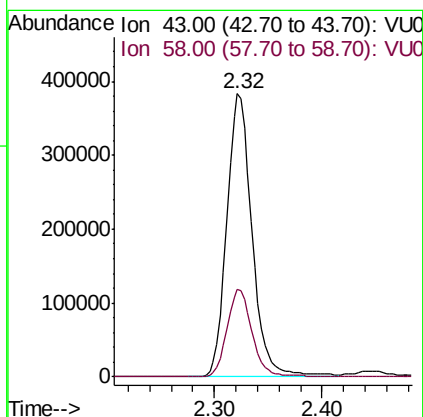
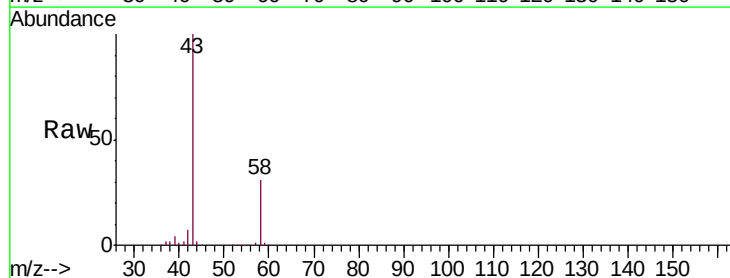
Instrument :
 MSVOA_U
 ClientSampleId :
 EP1-MW-D

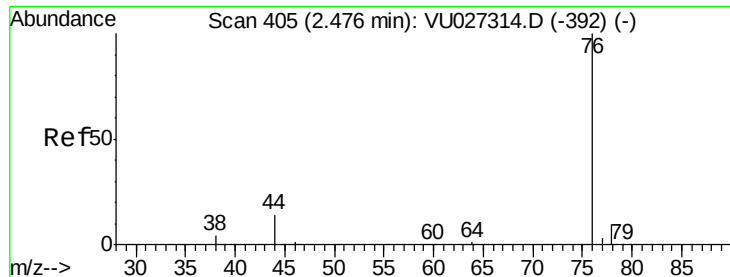
Tgt Ion: 41 Resp: 1915
 Ion Ratio Lower Upper
 41 100
 39 0.0 51.8 77.8#
 76 0.0 25.9 38.9#



#16
 Acetone
 Concen: 440.856 ug/l
 RT: 2.32 min Scan# 357
 Delta R.T. 0.00 min
 Lab File: VU027544.D
 Acq: 10 Oct 2018 00:15

Tgt Ion: 43 Resp: 627016
 Ion Ratio Lower Upper
 43 100
 58 31.1 24.2 36.4





#17

Carbon Disulfide

Concen: 2.218 ug/l

RT: 2.48 min Scan# 406

Delta R.T. 0.00 min

Lab File: VU027544.D

Acq: 10 Oct 2018 00:15

Instrument :

MSVOA_U

ClientSampleId :

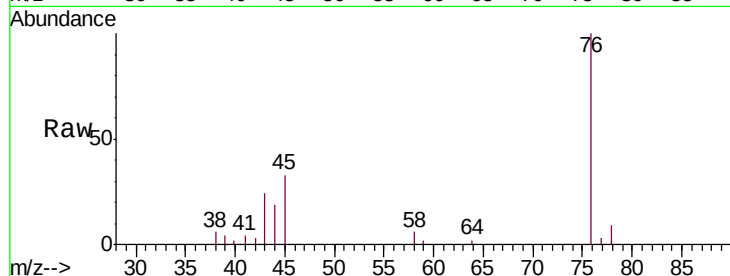
EP1-MW-D

Tgt Ion: 76 Resp: 12184

Ion Ratio Lower Upper

76 100

78 9.1 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VU0

Ion 77.90 (77.60 to 78.60): VU0

2.48

8000

6000

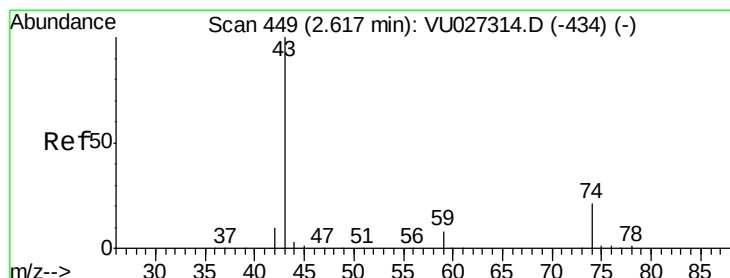
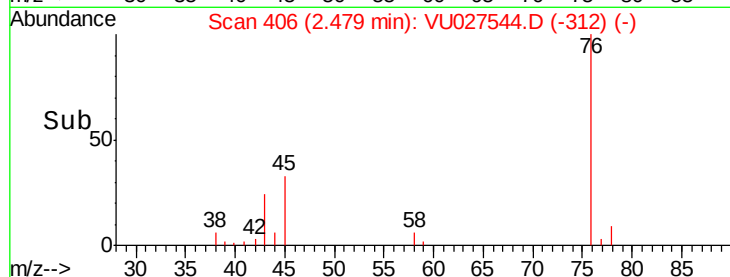
4000

2000

0

Time-->

2.45 2.50 2.55



#18

Methyl Acetate

Concen: 5.710 ug/l

RT: 2.45 min Scan# 396

Delta R.T. -0.17 min

Lab File: VU027544.D

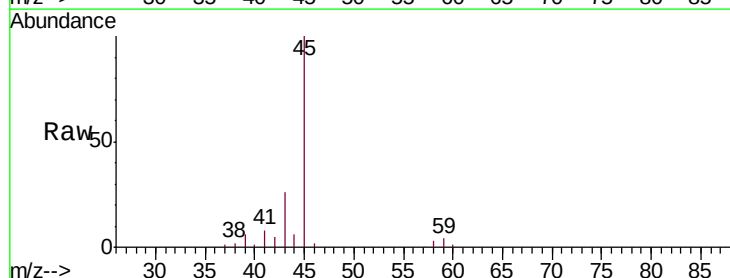
Acq: 10 Oct 2018 00:15

Tgt Ion: 43 Resp: 18526

Ion Ratio Lower Upper

43 100

74 0.0 16.5 24.7#



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 74.00 (73.70 to 74.70): VU0

15000

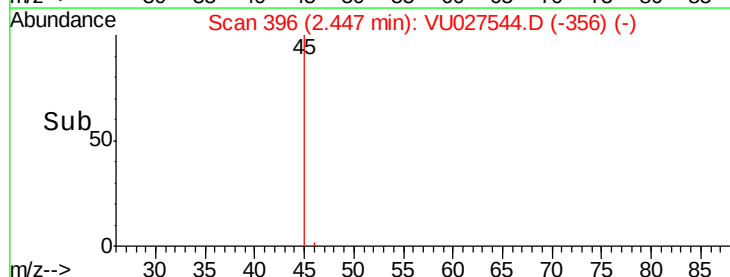
10000

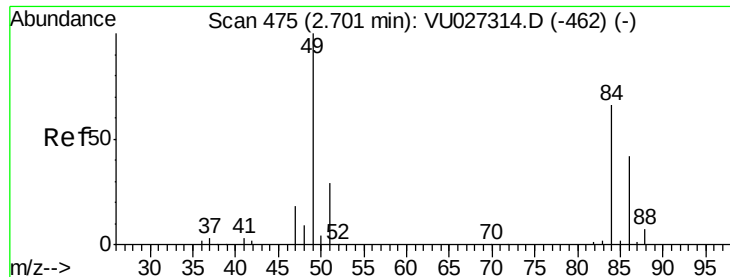
5000

0

Time-->

2.40 2.45 2.50 2.55

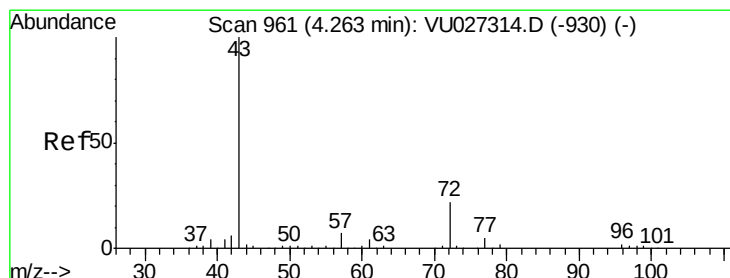
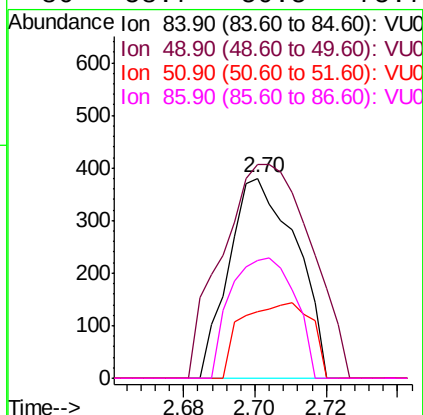
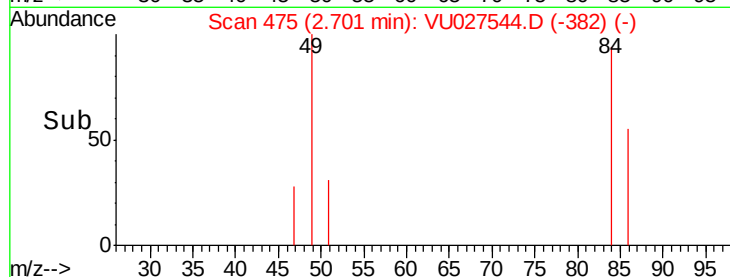
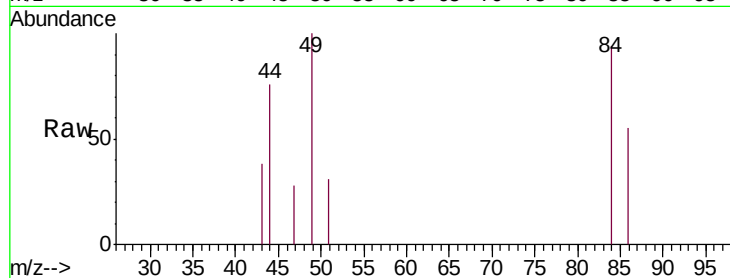




#20
Methylene Chloride
Concen: 0.250 ug/l
RT: 2.70 min Scan# 475
Delta R.T. 0.00 min
Lab File: VU027544.D
Acq: 10 Oct 2018 00:15

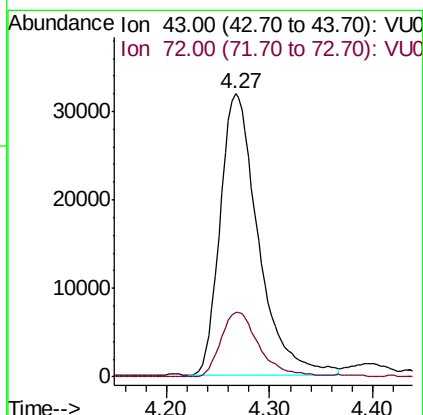
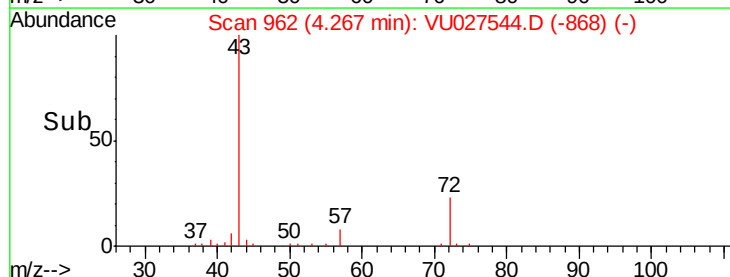
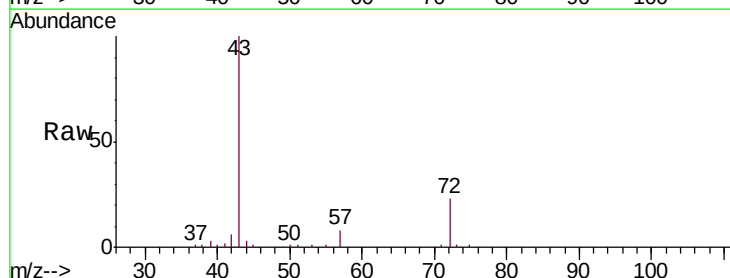
Instrument :
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ClientSampleId :
EP1-MW-D

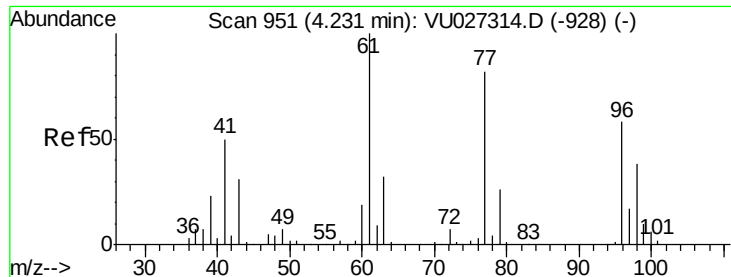
Tgt Ion: 84 Resp: 495
Ion Ratio Lower Upper
84 100
49 106.8 120.5 180.7#
51 33.2 35.1 52.7#
86 58.7 50.5 75.7



#25
2-Butanone
Concen: 42.541 ug/l
RT: 4.27 min Scan# 962
Delta R.T. 0.00 min
Lab File: VU027544.D
Acq: 10 Oct 2018 00:15

Tgt Ion: 43 Resp: 82507
Ion Ratio Lower Upper
43 100
72 23.0 17.8 26.6

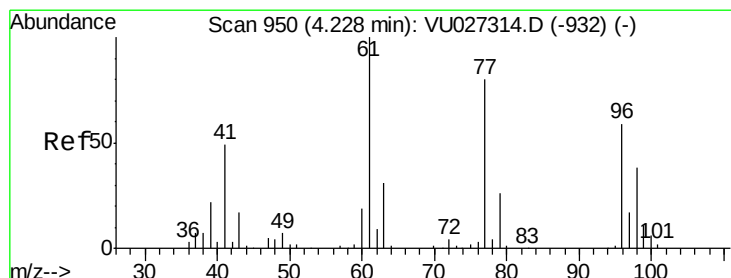
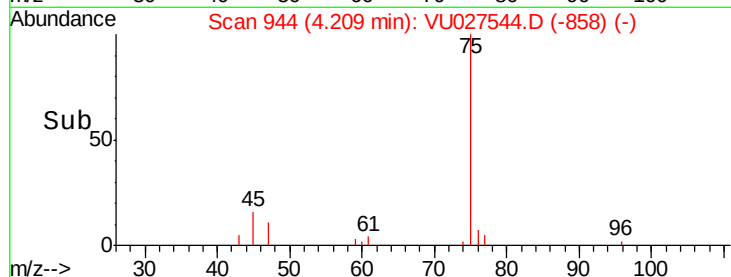
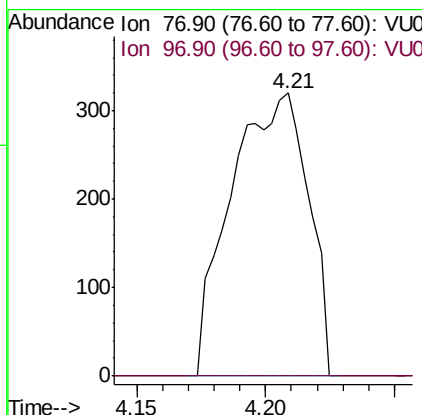
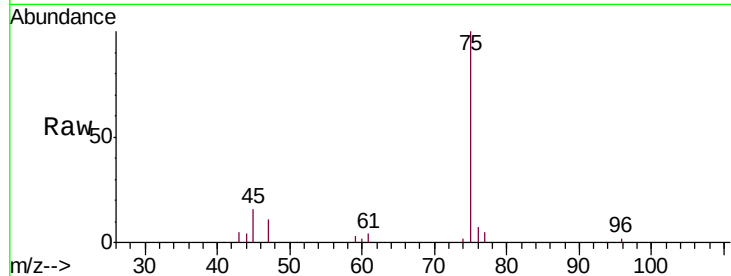




#26
 2,2-Dichloropropane
 Concen: 0.214 ug/l
 RT: 4.21 min Scan# 944
 Delta R.T. -0.02 min
 Lab File: VU027544.D
 Acq: 10 Oct 2018 00:15

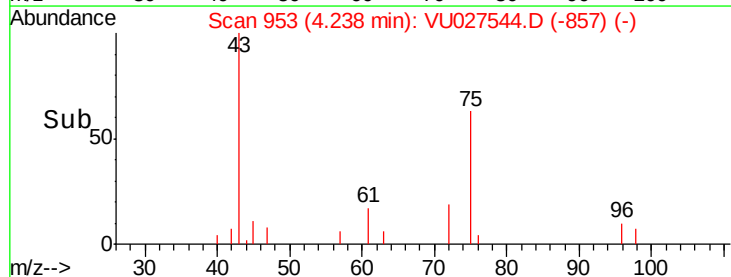
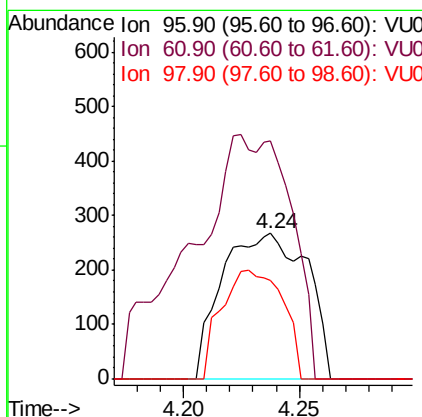
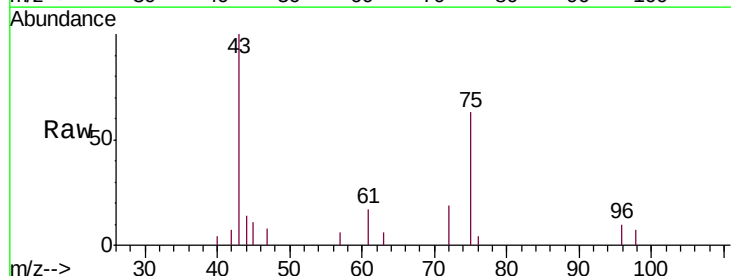
Instrument :
 MSVOA_U
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 EP1-MW-D

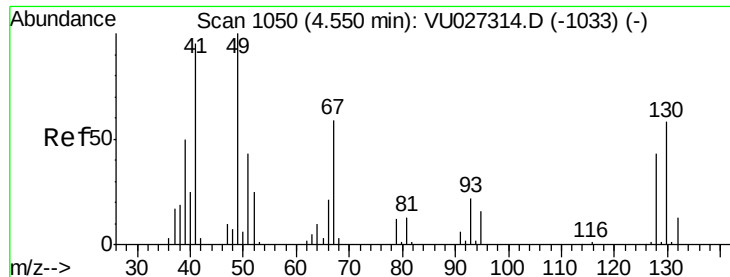
Tgt Ion: 77 Resp: 665
 Ion Ratio Lower Upper
 77 100
 97 0.0 10.4 31.1#



#27
 cis-1,2-Dichloroethene
 Concen: 0.346 ug/l
 RT: 4.24 min Scan# 953
 Delta R.T. 0.01 min
 Lab File: VU027544.D
 Acq: 10 Oct 2018 00:15

Tgt Ion: 96 Resp: 677
 Ion Ratio Lower Upper
 96 100
 61 134.7 0.0 343.8
 98 53.6 0.0 129.0





#28

Bromochloromethane

Concen: 0.436 ug/l

RT: 4.68 min Scan# 1091

Delta R.T. 0.13 min

Lab File: VU027544.D

Acq: 10 Oct 2018 00:15

Instrument :

MSVOA_U

ClientSampleId :

EP1-MW-D

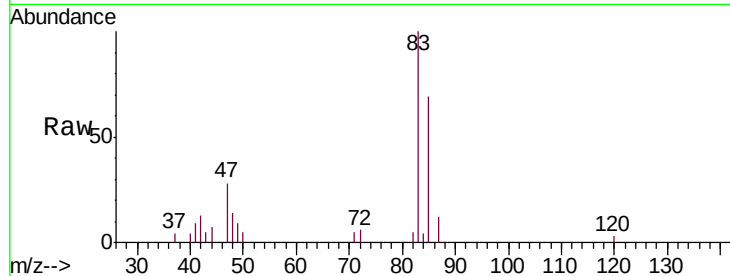
Tgt Ion: 49 Resp: 795

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

4.68

400

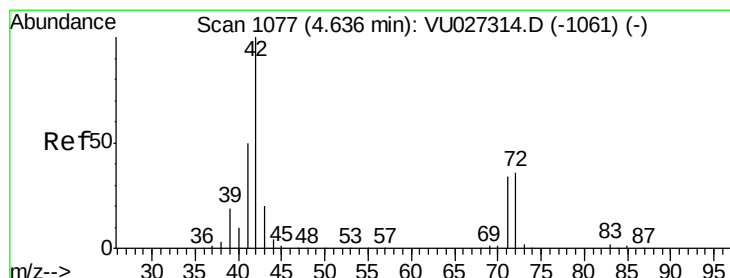
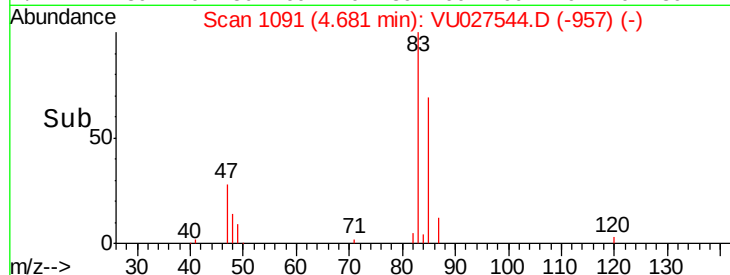
300

200

100

0

Time-->



#29

Tetrahydrofuran

Concen: 3.741 ug/l

RT: 4.66 min Scan# 1083

Delta R.T. 0.02 min

Lab File: VU027544.D

Acq: 10 Oct 2018 00:15

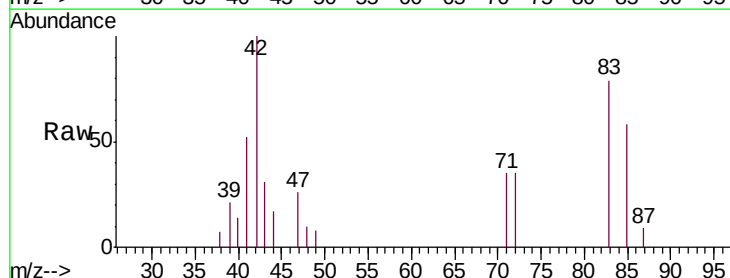
Tgt Ion: 42 Resp: 4572

Ion Ratio Lower Upper

42 100

72 38.3 30.1 45.1

71 33.7 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

2000

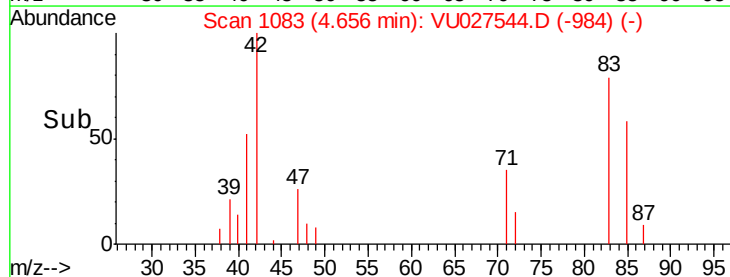
1500

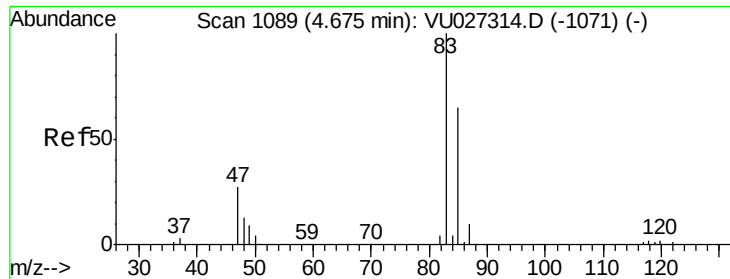
1000

500

0

Time-->

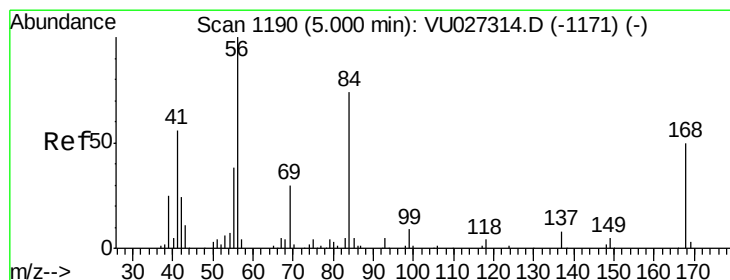
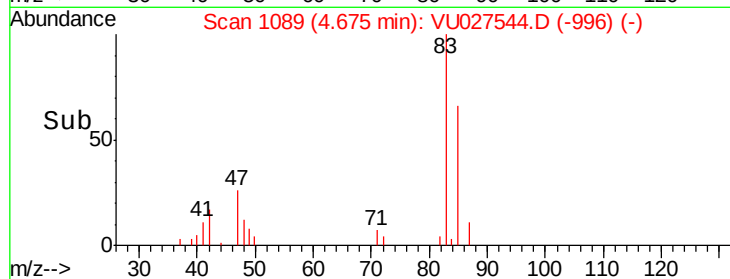
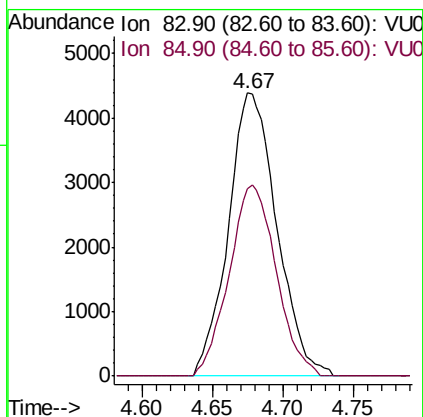
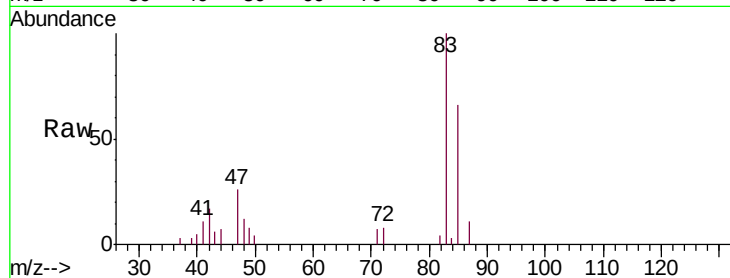




#30
Chloroform
Concen: 3.139 ug/l
RT: 4.67 min Scan# 1089
Delta R.T. 0.00 min
Lab File: VU027544.D
Acq: 10 Oct 2018 00:15

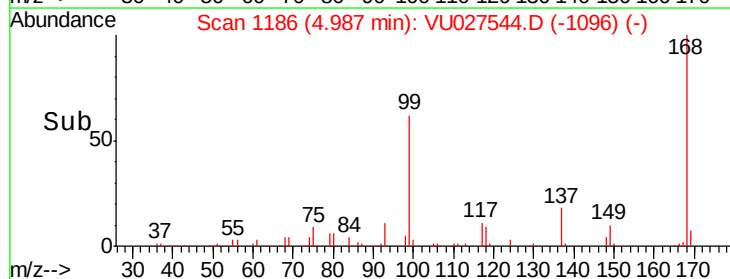
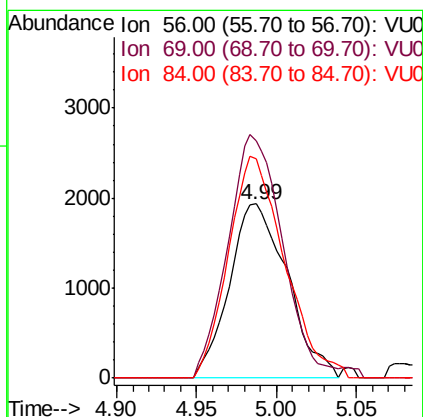
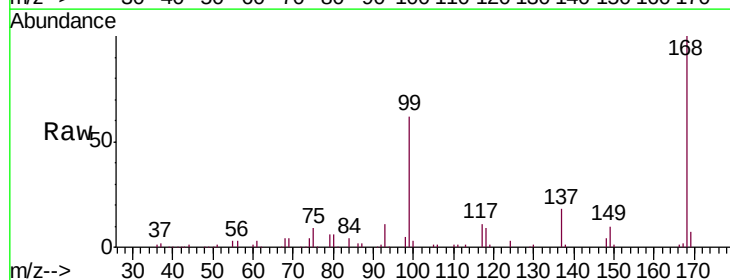
Instrument :
MSVOA_U
ClientSampleId :
EP1-MW-D

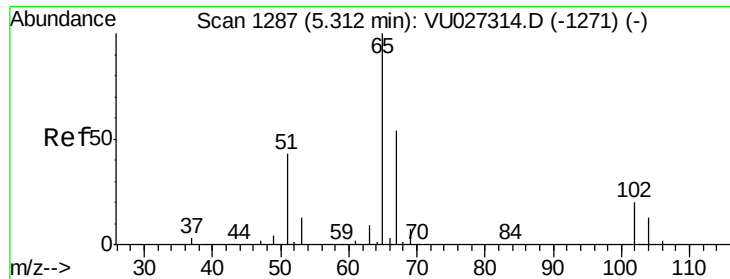
Tgt Ion: 83 Resp: 10539
Ion Ratio Lower Upper
83 100
85 66.4 51.8 77.6



#31
Cyclohexane
Concen: 1.014 ug/l
RT: 4.99 min Scan# 1186
Delta R.T. -0.01 min
Lab File: VU027544.D
Acq: 10 Oct 2018 00:15

Tgt Ion: 56 Resp: 4816
Ion Ratio Lower Upper
56 100
69 136.6 24.1 36.1#
84 126.4 59.1 88.7#

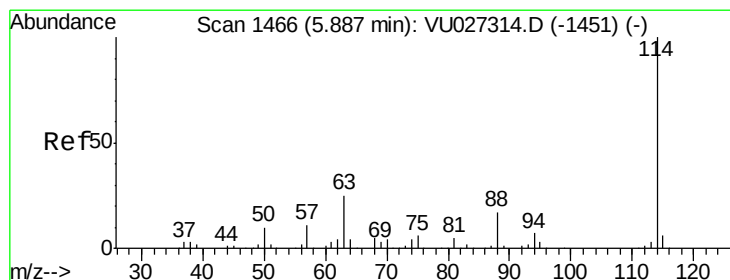
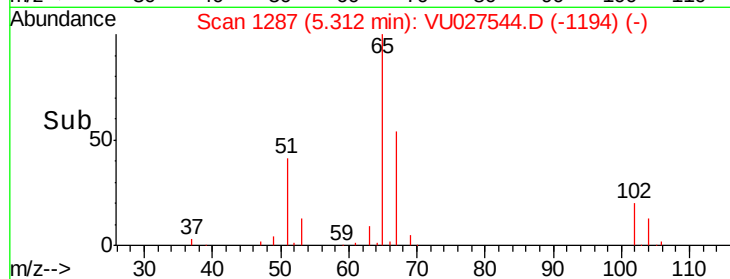
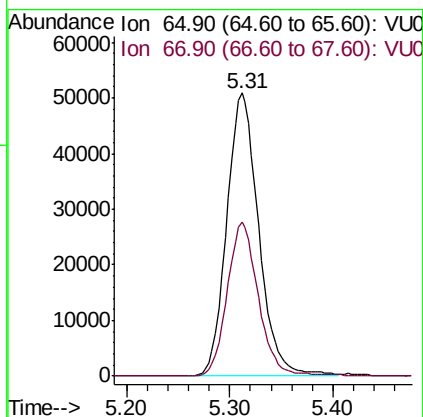
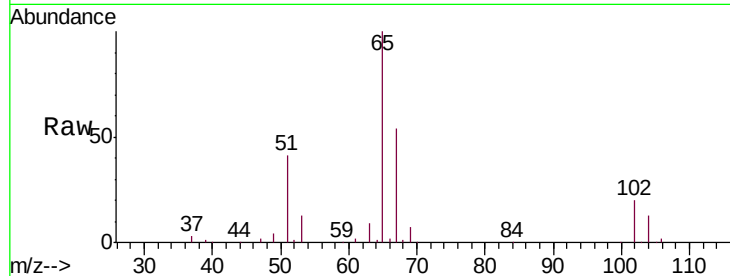




#33
 1,2-Dichloroethane-d4
 Concen: 45.662 ug/l
 RT: 5.31 min Scan# 1287
 Delta R.T. 0.00 min
 Lab File: VU027544.D
 Acq: 10 Oct 2018 00:15

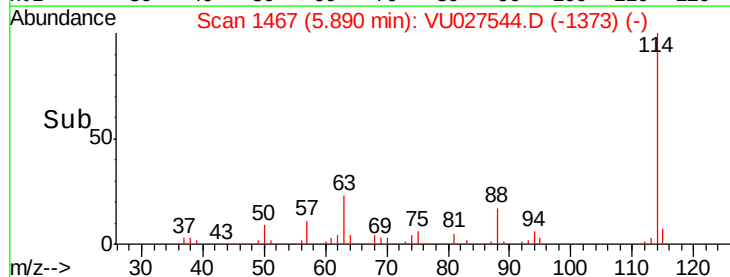
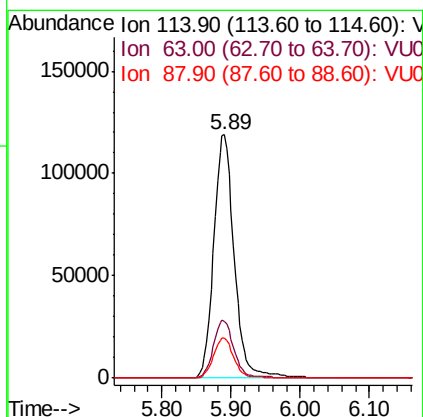
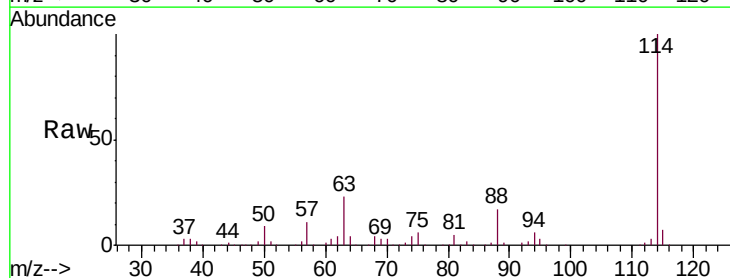
Instrument :
 MSVOA_U
 ClientSampleId :
 EP1-MW-D

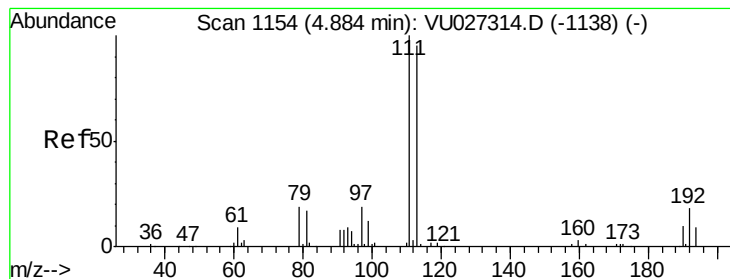
Tgt Ion: 65 Resp: 109933
 Ion Ratio Lower Upper
 65 100
 67 52.7 0.0 107.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1467
 Delta R.T. 0.00 min
 Lab File: VU027544.D
 Acq: 10 Oct 2018 00:15

Tgt Ion: 114 Resp: 243406
 Ion Ratio Lower Upper
 114 100
 63 23.5 0.0 50.2
 88 16.5 0.0 33.8





#35

Dibromofluoromethane

Concen: 47.373 ug/l

RT: 4.88 min Scan# 1154

Delta R.T. 0.00 min

Lab File: VU027544.D

Acq: 10 Oct 2018 00:15

Instrument :

MSVOA_U

ClientSampleId :

EP1-MW-D

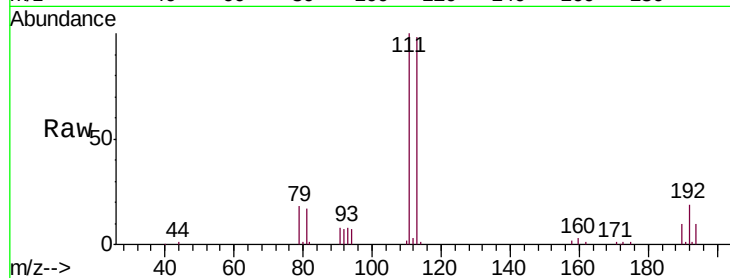
Tgt Ion:113 Resp: 79024

Ion Ratio Lower Upper

113 100

111 103.1 83.1 124.7

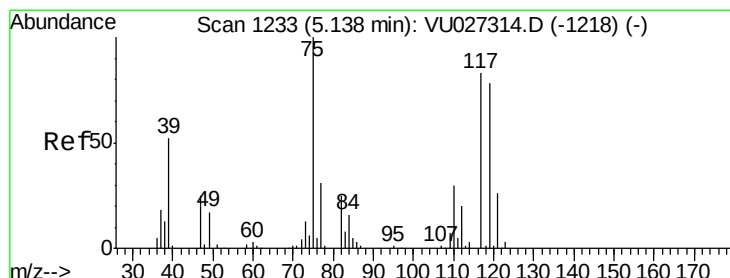
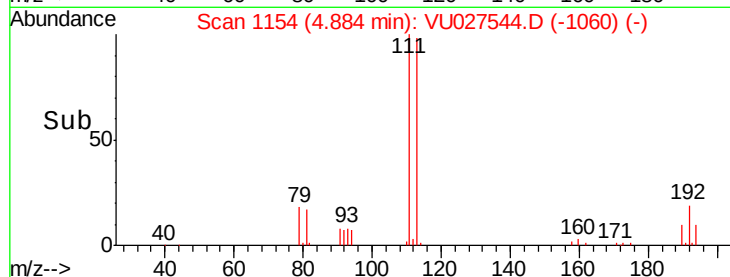
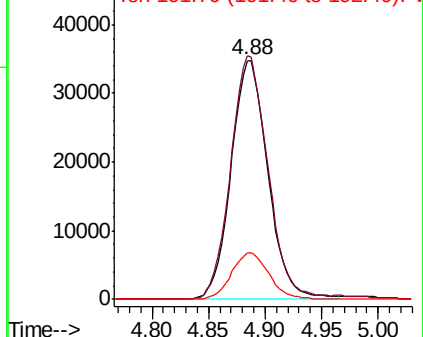
192 19.9 15.4 23.0



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: 4.686 ug/l

RT: 4.99 min Scan# 1186

Delta R.T. -0.15 min

Lab File: VU027544.D

Acq: 10 Oct 2018 00:15

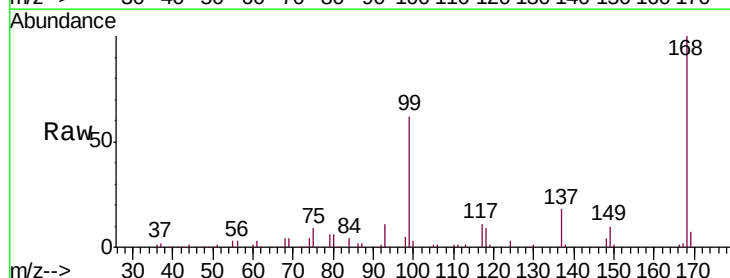
Tgt Ion: 75 Resp: 12385

Ion Ratio Lower Upper

75 100

110 6.4 15.5 46.5#

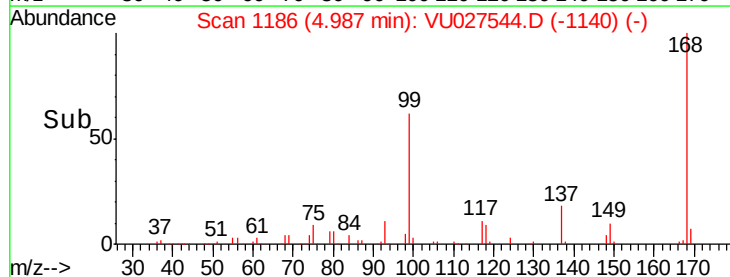
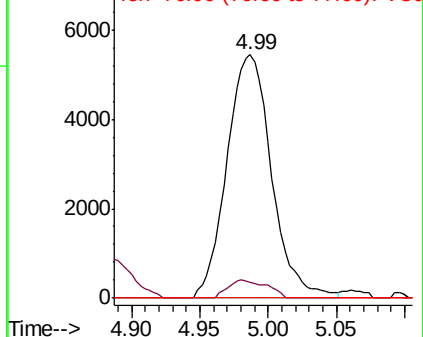
77 0.0 25.4 38.0#

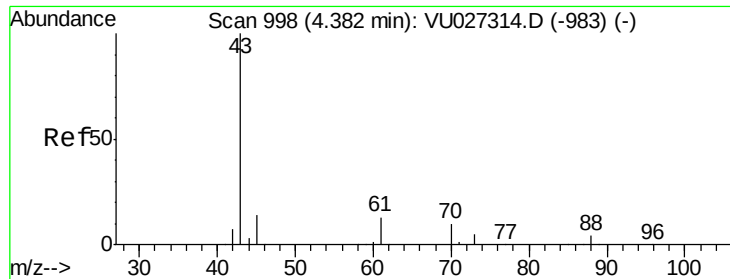


Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VU0





#37

Ethyl Acetate

Concen: 24.156 ug/l

RT: 4.27 min Scan# 962

Delta R.T. -0.12 min

Lab File: VU027544.D

Acq: 10 Oct 2018 00:15

Instrument :

MSVOA_U

ClientSampleId :

EP1-MW-D

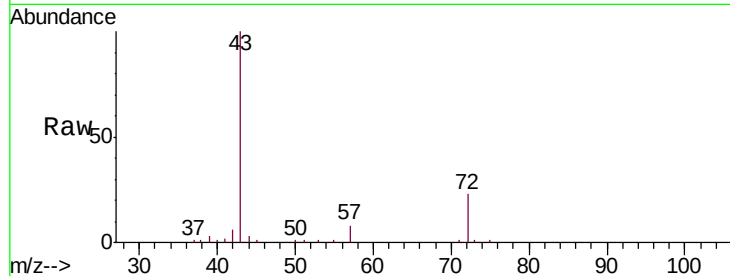
Tgt Ion: 43 Resp: 82507

Ion Ratio Lower Upper

43 100

61 0.0 10.7 16.1#

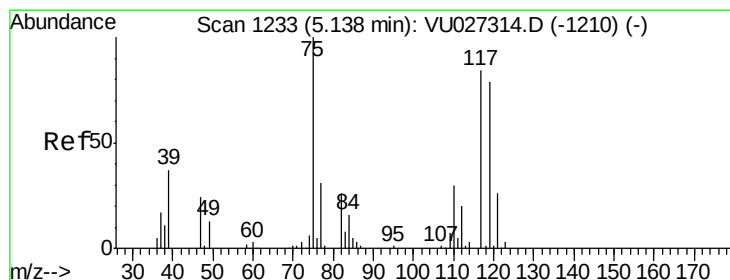
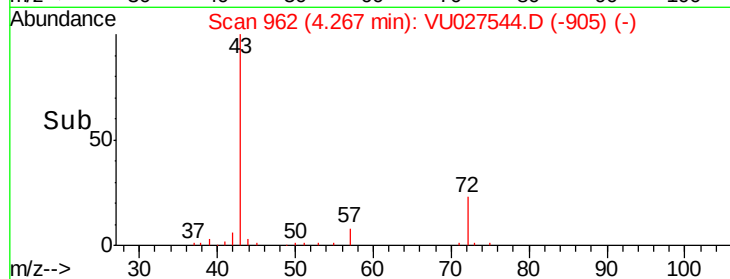
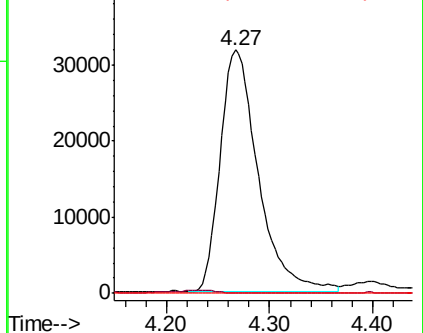
70 0.0 7.4 11.2#



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: 6.150 ug/l

RT: 4.99 min Scan# 1186

Delta R.T. -0.15 min

Lab File: VU027544.D

Acq: 10 Oct 2018 00:15

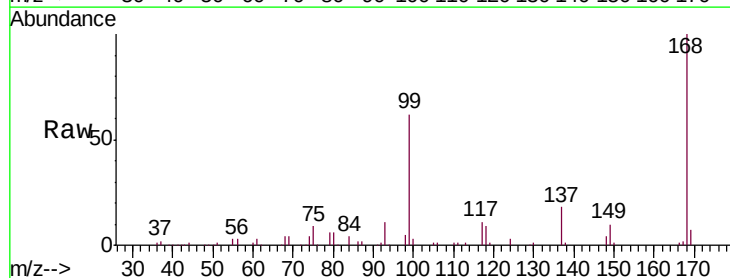
Tgt Ion: 117 Resp: 14683

Ion Ratio Lower Upper

117 100

119 5.9 74.5 111.7#

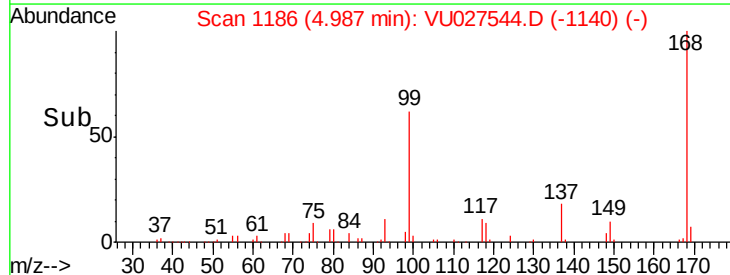
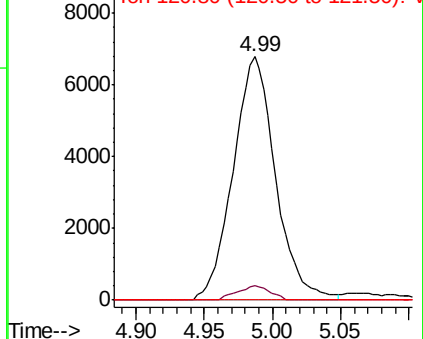
121 0.0 24.6 37.0#

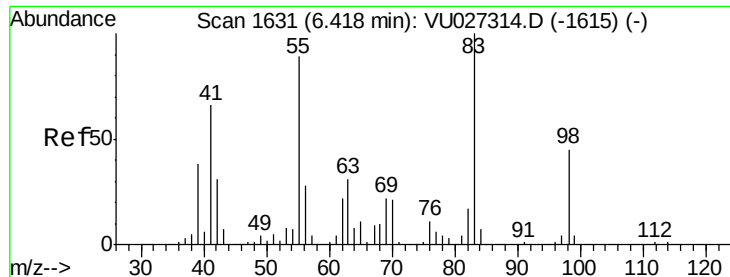


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

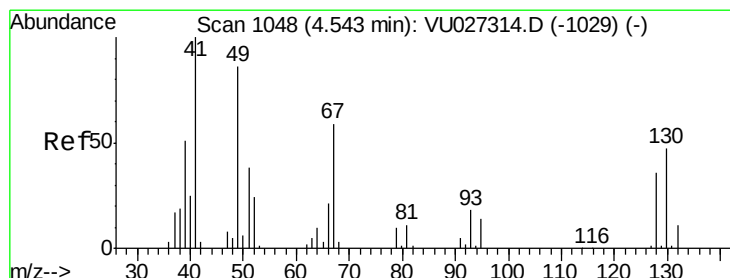
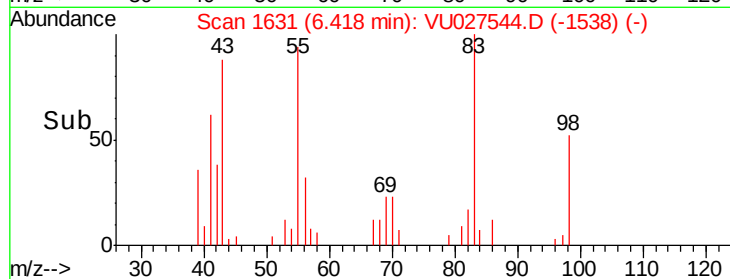
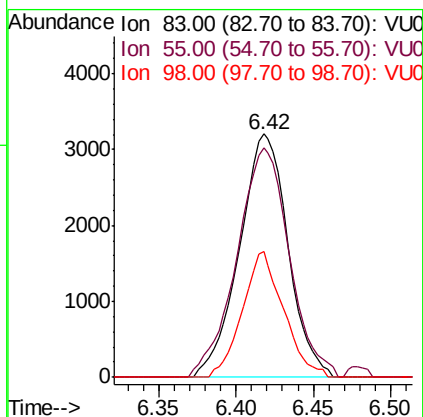
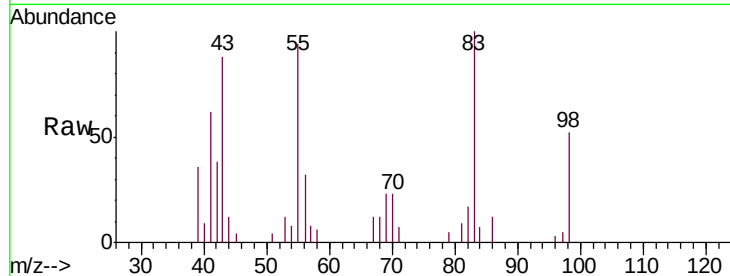




#39
Methylcyclohexane
Concen: 2.270 ug/l
RT: 6.42 min Scan# 1631
Delta R.T. 0.00 min
Lab File: VU027544.D
Acq: 10 Oct 2018 00:15

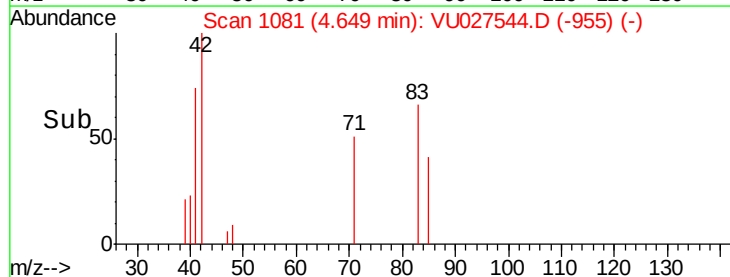
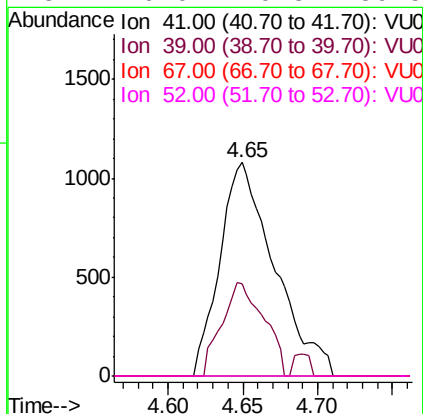
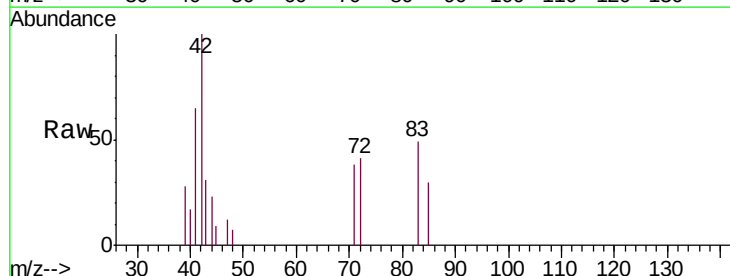
Instrument :
MSVOA_U
ClientSampleId :
EP1-MW-D

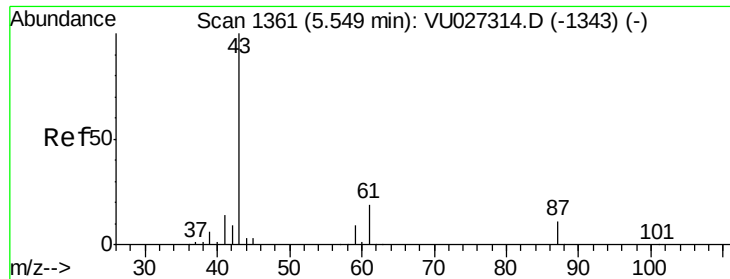
Tgt Ion: 83 Resp: 7012
Ion Ratio Lower Upper
83 100
55 94.1 71.1 106.7
98 51.6 36.3 54.5



#41
Methacrylonitrile
Concen: 1.424 ug/l
RT: 4.65 min Scan# 1081
Delta R.T. 0.11 min
Lab File: VU027544.D
Acq: 10 Oct 2018 00:15

Tgt Ion: 41 Resp: 2750
Ion Ratio Lower Upper
41 100
39 33.5 41.1 61.7#
67 0.0 50.4 75.6#
52 0.0 20.3 30.5#





#43

Isopropyl Acetate

Concen: 3.260 ug/l

RT: 5.79 min Scan# 1436

Delta R.T. 0.24 min

Lab File: VU027544.D

Acq: 10 Oct 2018 00:15

Instrument :

MSVOA_U

ClientSampleId :

EP1-MW-D

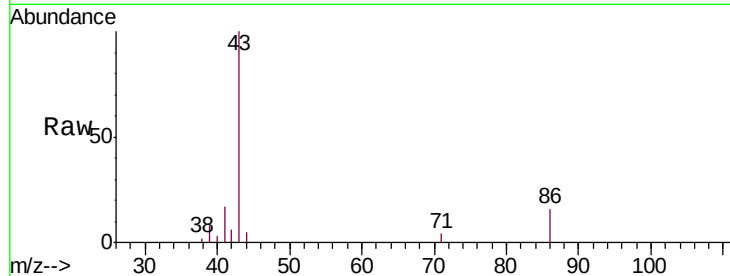
Tgt Ion: 43 Resp: 17295

Ion Ratio Lower Upper

43 100

61 0.0 15.3 22.9#

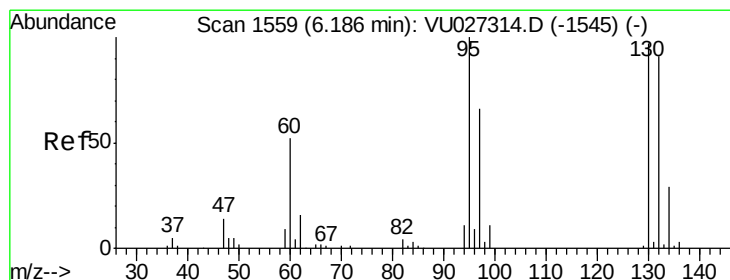
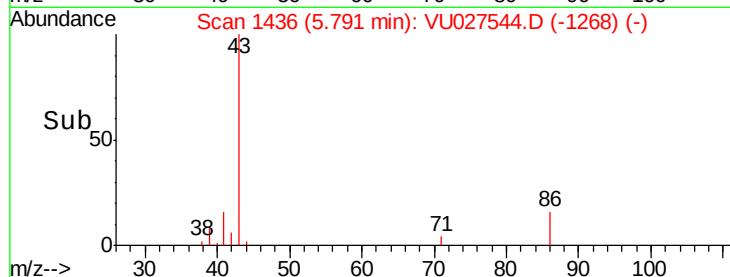
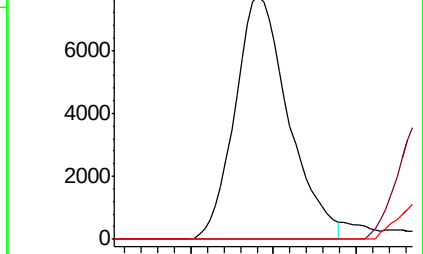
87 0.0 8.6 13.0#



Abundance Ion 43.00 (42.70 to 43.70): VU027544.D (-1436) (-)

Ion 61.00 (60.70 to 61.70): VU027544.D (-1436) (-)

Ion 87.00 (86.70 to 87.70): VU027544.D (-1436) (-)



#44

Trichloroethene

Concen: 0.231 ug/l

RT: 6.19 min Scan# 1559

Delta R.T. 0.00 min

Lab File: VU027544.D

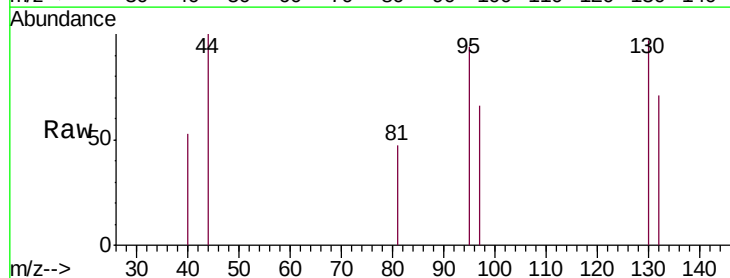
Acq: 10 Oct 2018 00:15

Tgt Ion: 130 Resp: 397

Ion Ratio Lower Upper

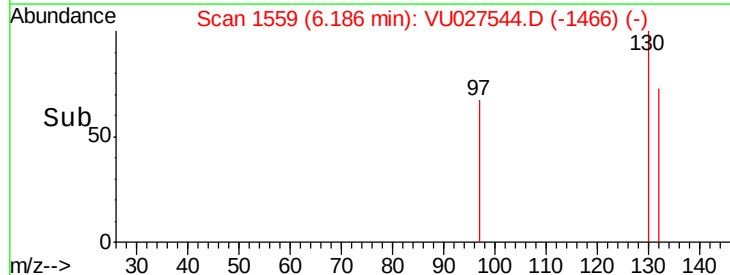
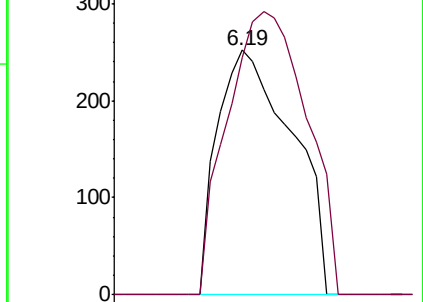
130 100

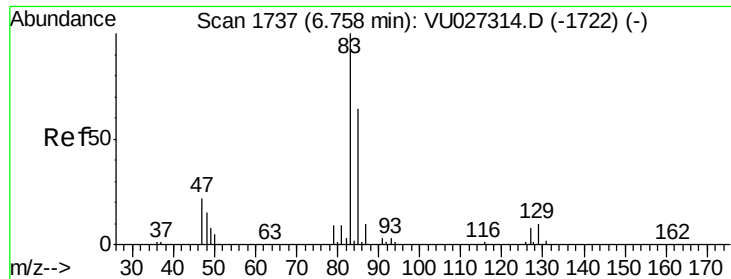
95 96.8 0.0 207.0



Abundance Ion 129.80 (129.50 to 130.50): VU027544.D (-1559) (-)

Ion 94.90 (94.60 to 95.60): VU027544.D (-1559) (-)





#47

Bromodichloromethane

Concen: 0.438 ug/l

RT: 6.76 min Scan# 1739

Delta R.T. 0.01 min

Lab File: VU027544.D

Acq: 10 Oct 2018 00:15

Instrument :

MSVOA_U

ClientSampleId :

EP1-MW-D

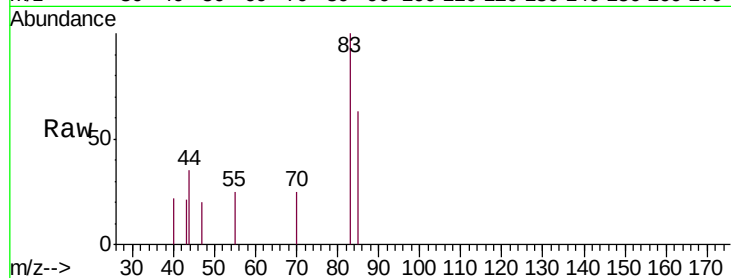
Tgt Ion: 83 Resp: 1139

Ion Ratio Lower Upper

83 100

85 63.0 51.4 77.0

127 0.0 6.3 9.5#



Abundance Ion 82.90 (82.60 to 83.60): VU0

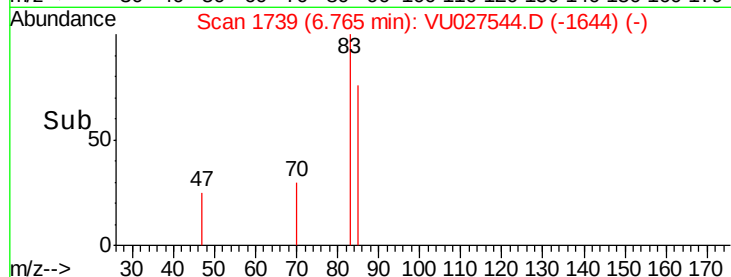
Ion 84.90 (84.60 to 85.60): VU0

Ion 126.80 (126.50 to 127.50): VU0

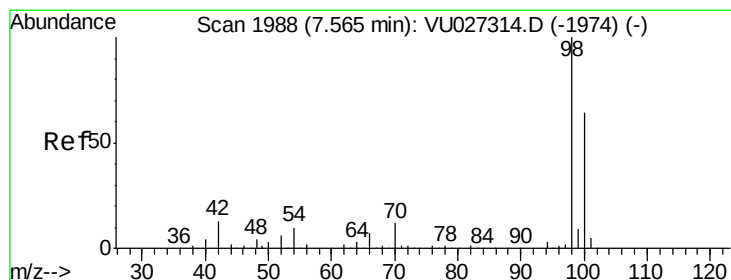
6.76

6.75

6.80



Time-->



#50

Toluene-d8

Concen: 49.857 ug/l

RT: 7.57 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VU027544.D

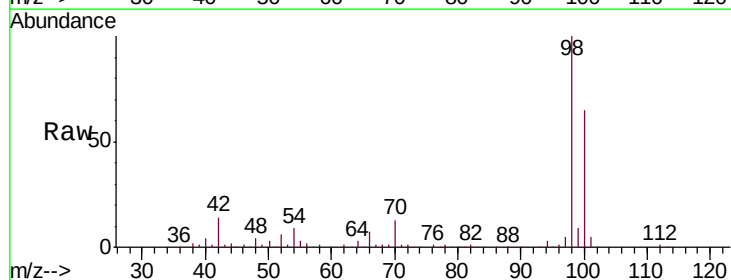
Acq: 10 Oct 2018 00:15

Tgt Ion: 98 Resp: 311272

Ion Ratio Lower Upper

98 100

100 64.5 52.1 78.1



Abundance Ion 98.00 (97.70 to 98.70): VU0

Ion 100.00 (99.70 to 100.70): VU0

200000

150000

100000

50000

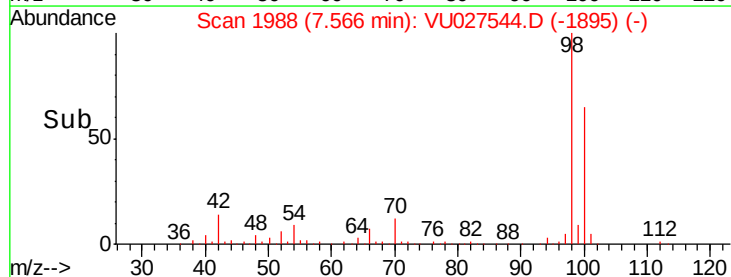
0

7.57

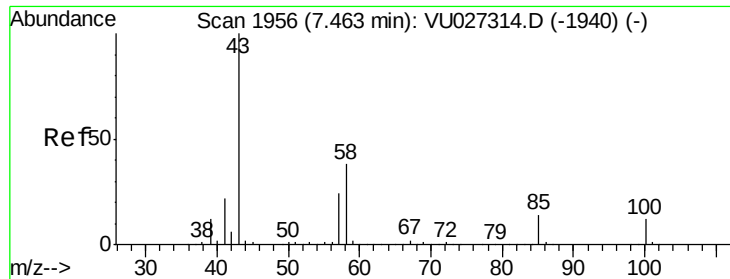
7.50

7.60

7.70



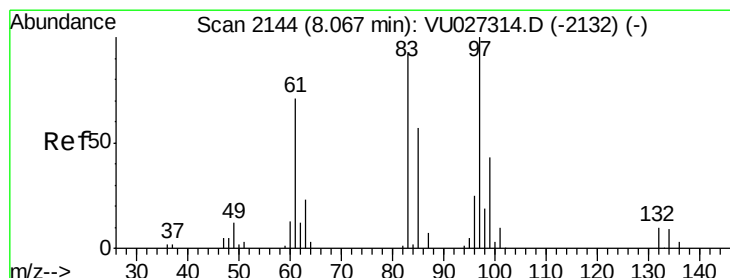
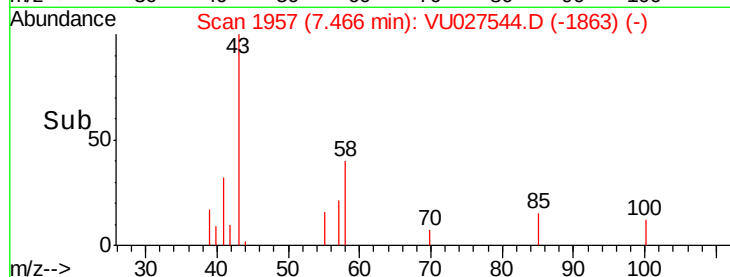
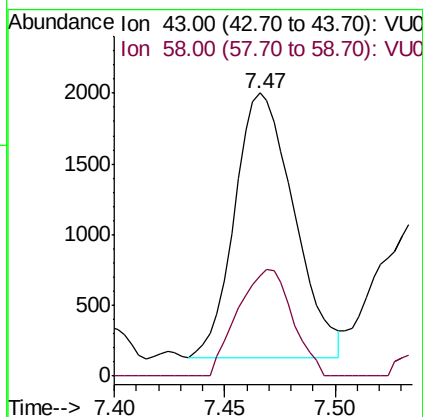
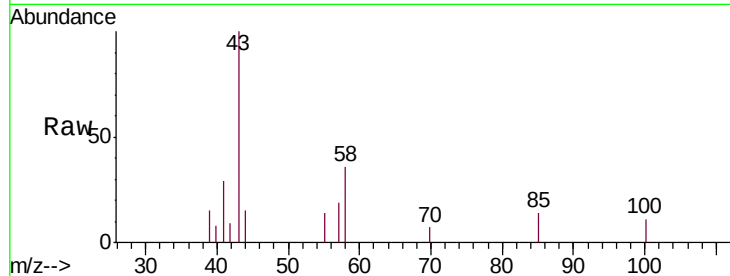
Time-->



#51
 4-Methyl-2-Pentanone
 Concen: 1.010 ug/l
 RT: 7.47 min Scan# 1957
 Delta R.T. 0.00 min
 Lab File: VU027544.D
 Acq: 10 Oct 2018 00:15

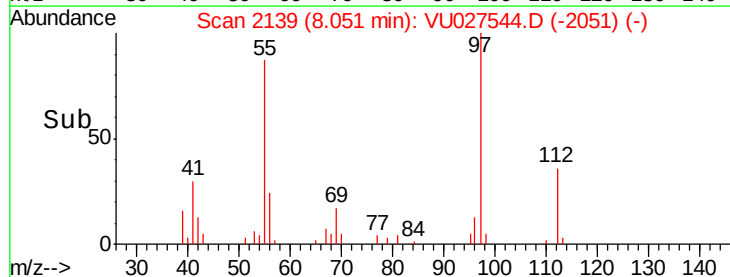
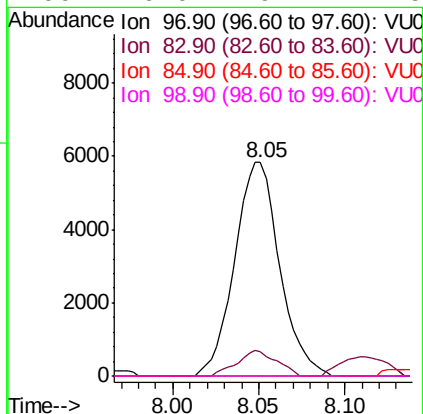
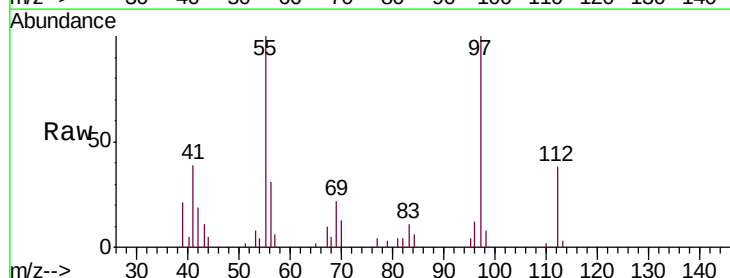
Instrument :
 MSVOA_U
 ClientSampleId :
 EP1-MW-D

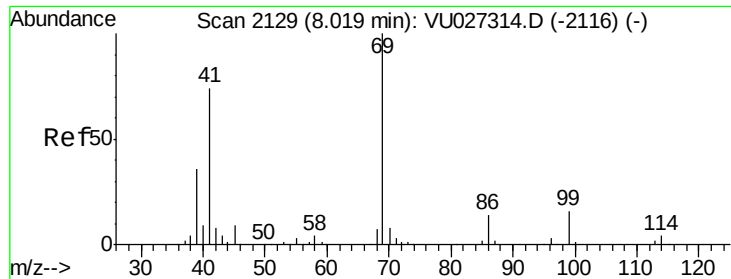
Tgt Ion: 43 Resp: 3481
 Ion Ratio Lower Upper
 43 100
 58 37.2 29.8 44.8



#55
 1,1,2-Trichloroethane
 Concen: 5.883 ug/l
 RT: 8.05 min Scan# 2139
 Delta R.T. -0.02 min
 Lab File: VU027544.D
 Acq: 10 Oct 2018 00:15

Tgt Ion: 97 Resp: 10628
 Ion Ratio Lower Upper
 97 100
 83 11.1 73.0 109.6#
 85 0.0 47.3 70.9#
 99 0.0 49.7 74.5#

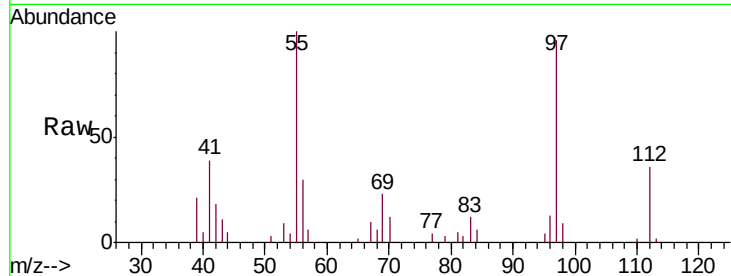




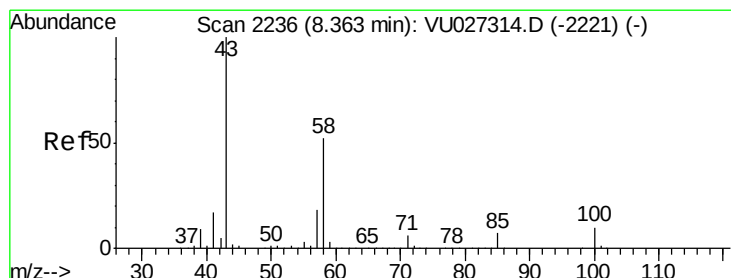
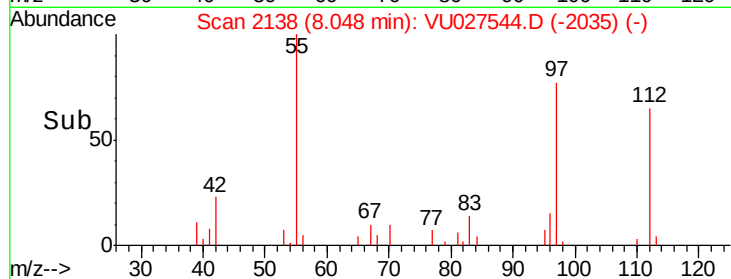
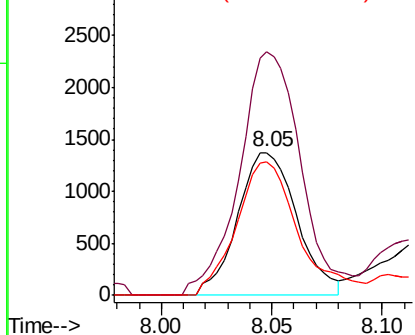
#56
Ethyl methacrylate
Concen: 2.979 ug/l
RT: 8.05 min Scan# 2138
Delta R.T. 0.03 min
Lab File: VU027544.D
Acq: 10 Oct 2018 00:15

Instrument :
MSVOA_U
ClientSampleId :
EP1-MW-D

Tgt Ion: 69 Resp: 2565
Ion Ratio Lower Upper
69 100
41 178.2 60.0 90.0#
39 98.1 29.5 44.3#

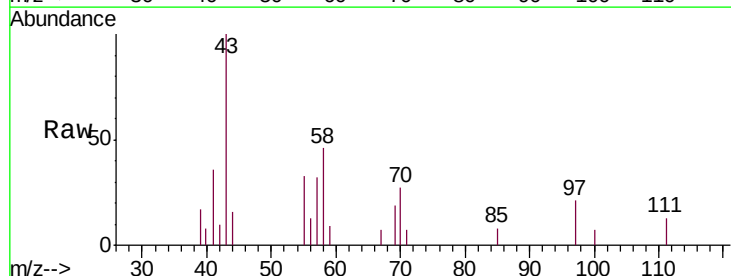


Abundance Ion 69.00 (68.70 to 69.70): VU0
Ion 41.00 (40.70 to 41.70): VU0
Ion 39.00 (38.70 to 39.70): VU0

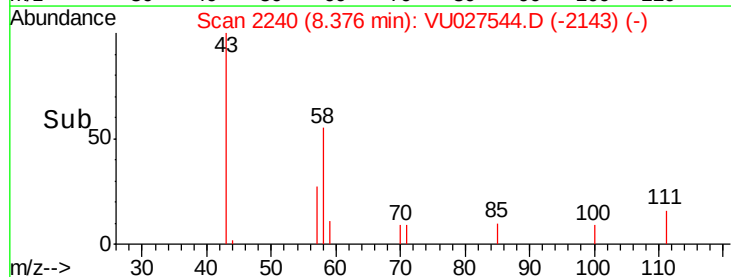
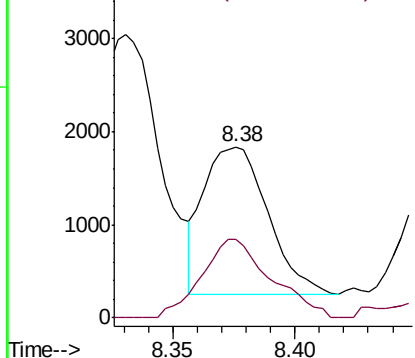


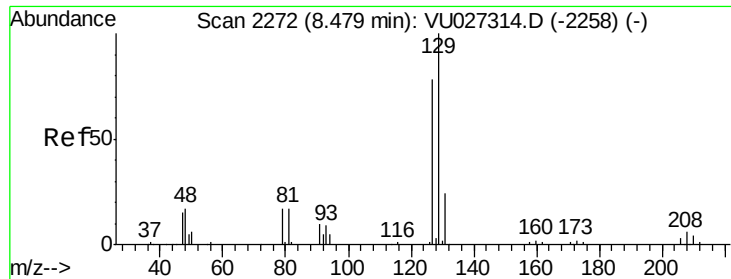
#59
2-Hexanone
Concen: 1.077 ug/l
RT: 8.38 min Scan# 2240
Delta R.T. 0.01 min
Lab File: VU027544.D
Acq: 10 Oct 2018 00:15

Tgt Ion: 43 Resp: 2879
Ion Ratio Lower Upper
43 100
58 58.4 26.1 78.3



Abundance Ion 43.00 (42.70 to 43.70): VU0
Ion 58.00 (57.70 to 58.70): VU0





#60

Dibromochloromethane

Concen: 0.493 ug/l

RT: 8.23 min Scan# 2195

Delta R.T. -0.25 min

Lab File: VU027544.D

Acq: 10 Oct 2018 00:15

Instrument :

MSVOA_U

ClientSampleId :

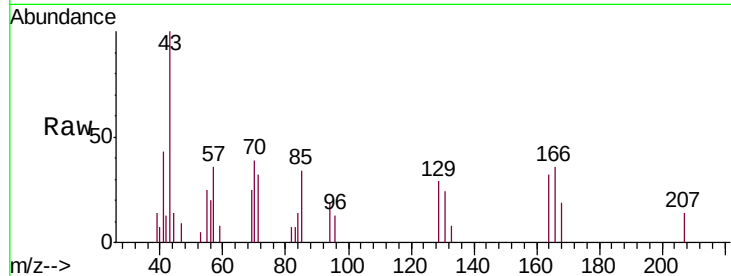
EP1-MW-D

Tgt Ion:129 Resp: 894

Ion Ratio Lower Upper

129 100

127 0.0 39.1 117.2#



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V

8.23

600

500

400

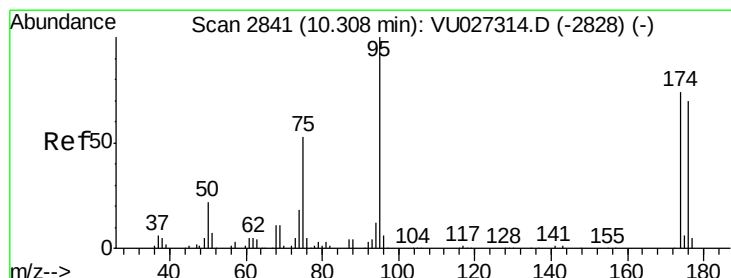
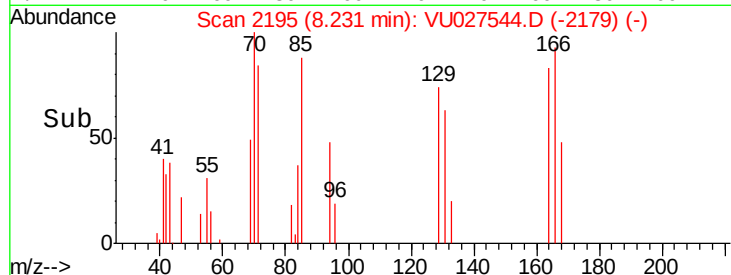
300

200

100

0

Time--> 8.18 8.20 8.22 8.24 8.26



#62

4-Bromofluorobenzene

Concen: 48.633 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. 0.00 min

Lab File: VU027544.D

Acq: 10 Oct 2018 00:15

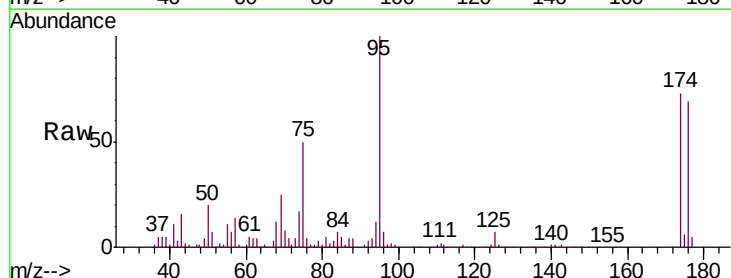
Tgt Ion: 95 Resp: 112842

Ion Ratio Lower Upper

95 100

174 72.4 0.0 147.8

176 69.4 0.0 140.8



Abundance Ion 94.90 (94.60 to 95.60): VU0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

80000

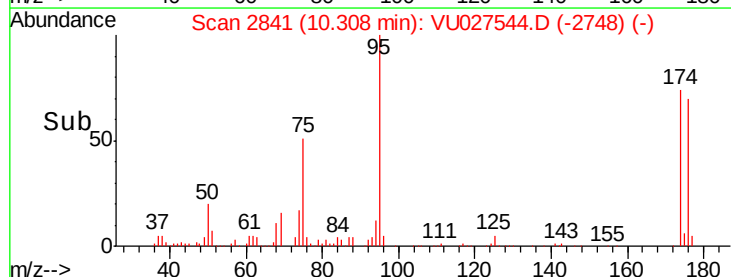
60000

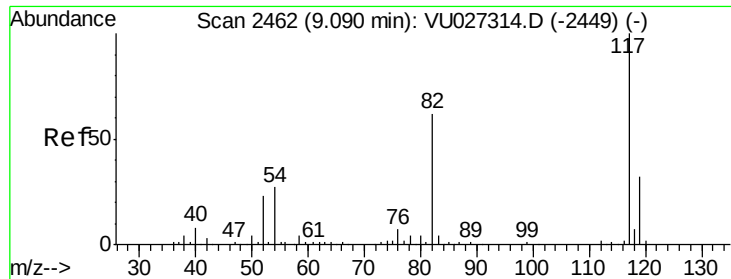
40000

20000

0

Time--> 10.25 10.30 10.35

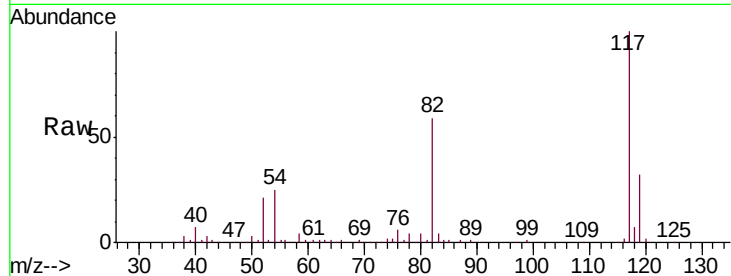




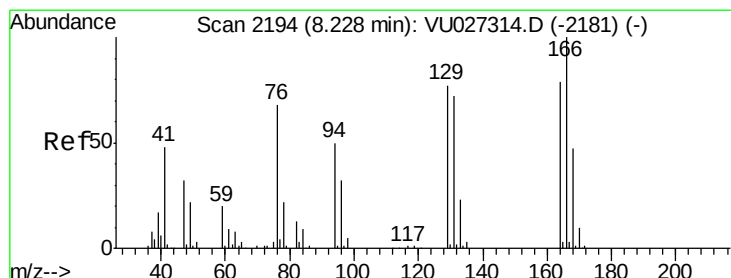
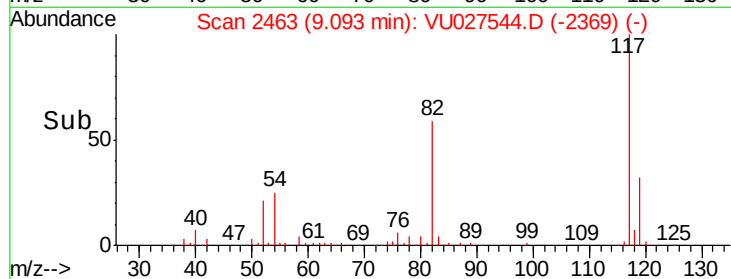
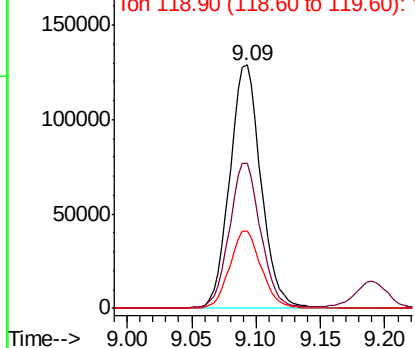
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2463
Delta R.T. 0.00 min
Lab File: VU027544.D
Acq: 10 Oct 2018 00:15

Instrument :
MSVOA_U
ClientSampleId :
EP1-MW-D

Tgt Ion:117 Resp: 217589
Ion Ratio Lower Upper
117 100
82 59.0 49.2 73.8
119 31.7 25.7 38.5

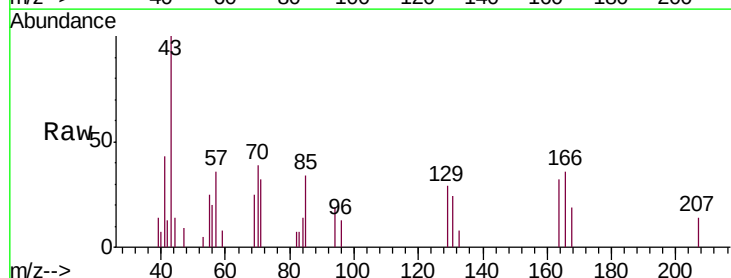


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VU0
Ion 118.90 (118.60 to 119.60): V

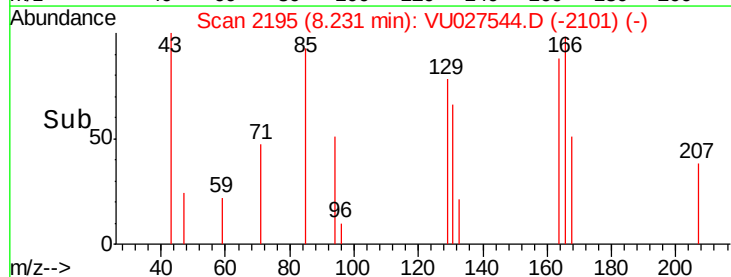
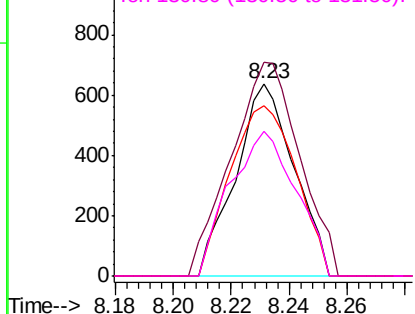


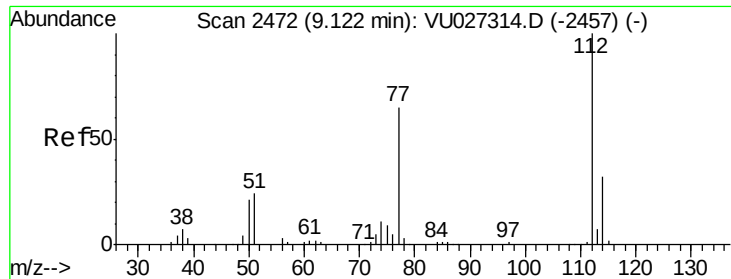
#64
Tetrachloroethene
Concen: 0.659 ug/l
RT: 8.23 min Scan# 2195
Delta R.T. 0.00 min
Lab File: VU027544.D
Acq: 10 Oct 2018 00:15

Tgt Ion:164 Resp: 892
Ion Ratio Lower Upper
164 100
166 111.0 101.0 151.6
129 88.4 78.0 117.0
131 75.2 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

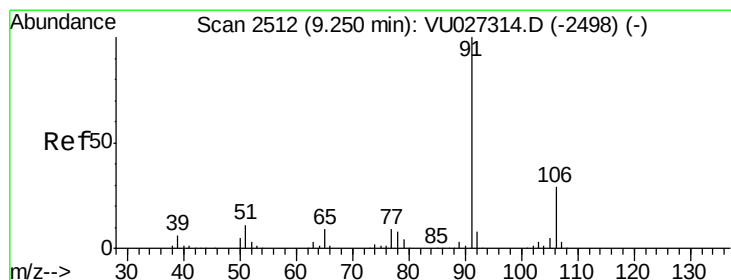
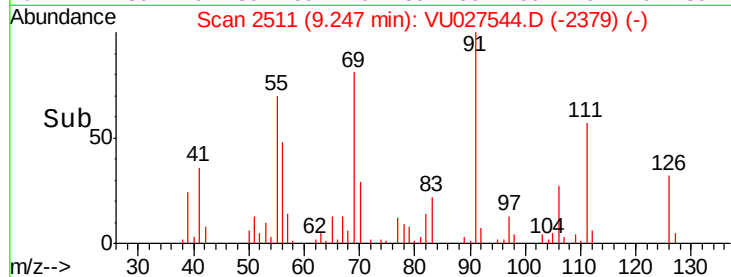
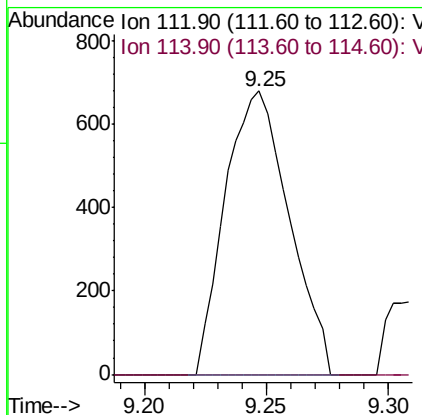
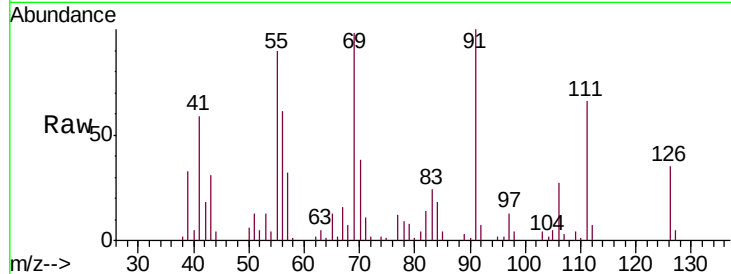




#65
Chlorobenzene
Concen: 0.270 ug/l
RT: 9.25 min Scan# 2511
Delta R.T. 0.13 min
Lab File: VU027544.D
Acq: 10 Oct 2018 00:15

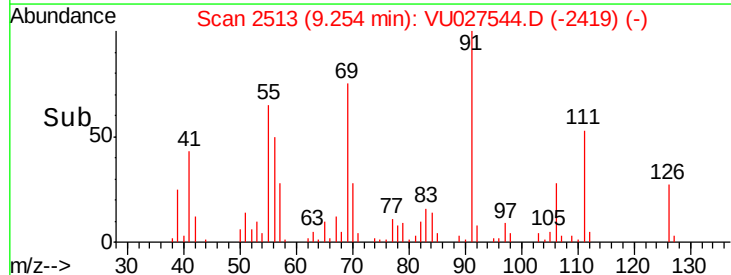
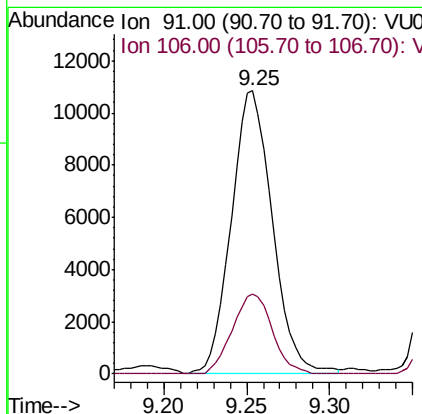
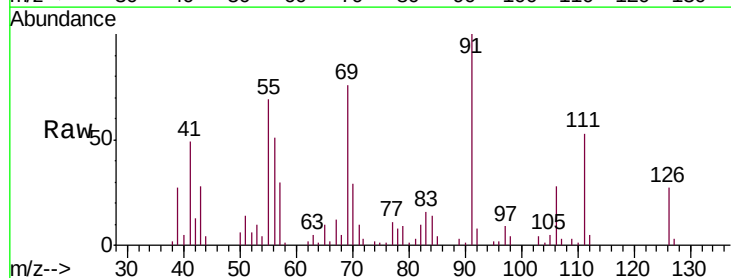
Instrument :
MSVOA_U
ClientSampleId :
EP1-MW-D

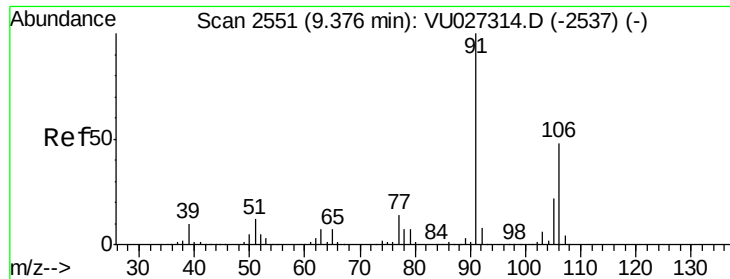
Tgt Ion: 112 Resp: 1237
Ion Ratio Lower Upper
112 100
114 0.0 25.8 38.6#



#67
Ethyl Benzene
Concen: 2.308 ug/l
RT: 9.25 min Scan# 2513
Delta R.T. 0.00 min
Lab File: VU027544.D
Acq: 10 Oct 2018 00:15

Tgt Ion: 91 Resp: 18732
Ion Ratio Lower Upper
91 100
106 28.4 23.6 35.4

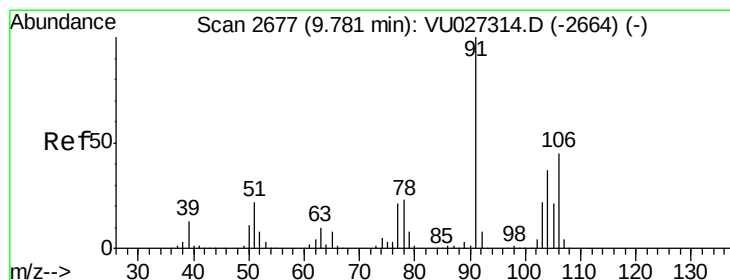
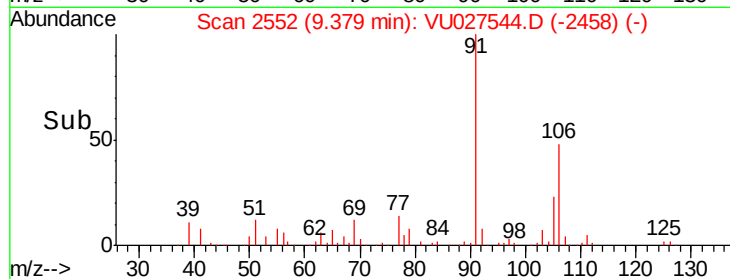
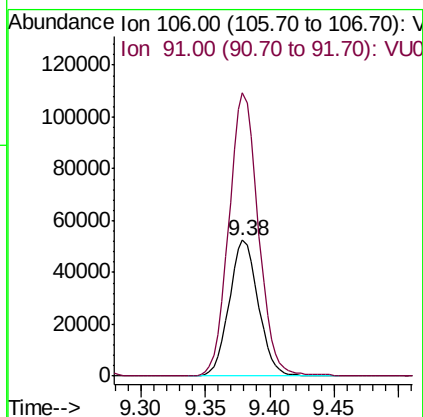
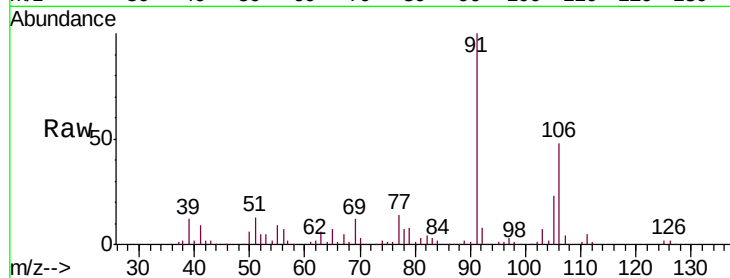




#68
m/p-Xylenes
Concen: 27.737 ug/l
RT: 9.38 min Scan# 2552
Delta R.T. 0.00 min
Lab File: VU027544.D
Acq: 10 Oct 2018 00:15

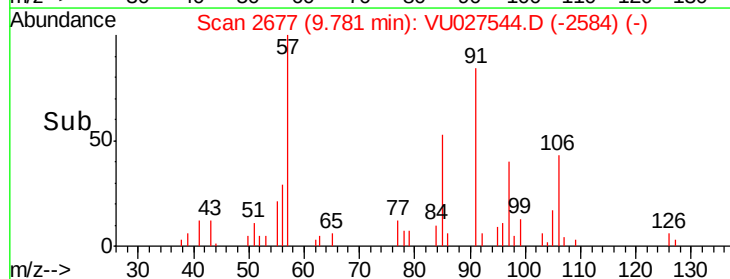
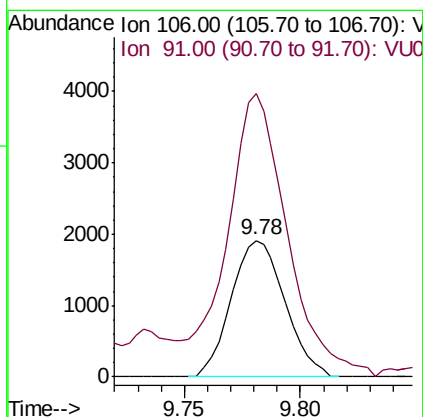
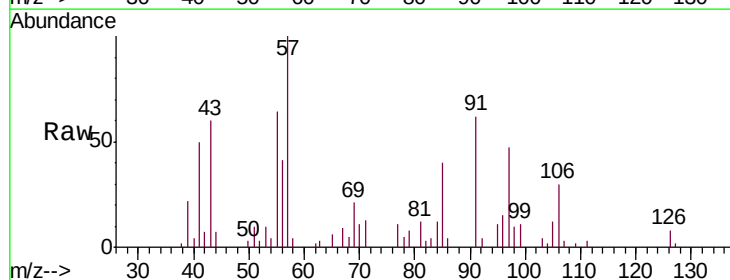
Instrument :
MSVOA_U
ClientSampleId :
EP1-MW-D

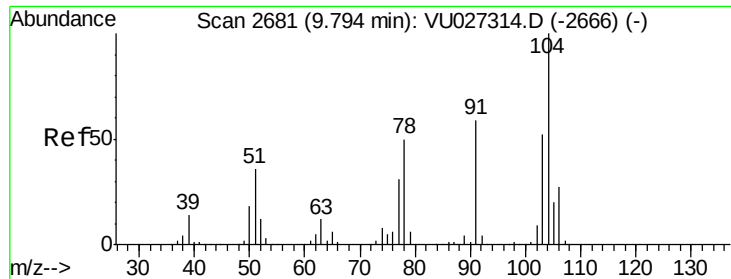
Tgt Ion:106 Resp: 82328
Ion Ratio Lower Upper
106 100
91 210.1 168.1 252.1



#69
o-Xylene
Concen: 1.090 ug/l
RT: 9.78 min Scan# 2677
Delta R.T. 0.00 min
Lab File: VU027544.D
Acq: 10 Oct 2018 00:15

Tgt Ion:106 Resp: 3074
Ion Ratio Lower Upper
106 100
91 234.2 111.7 334.9

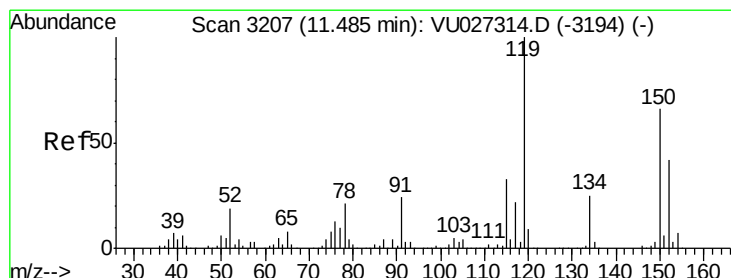
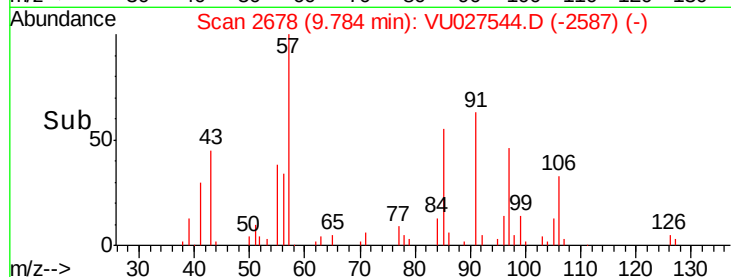
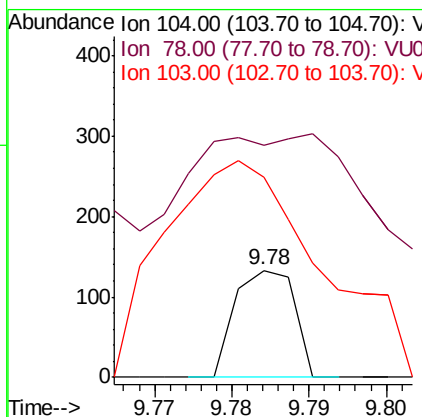
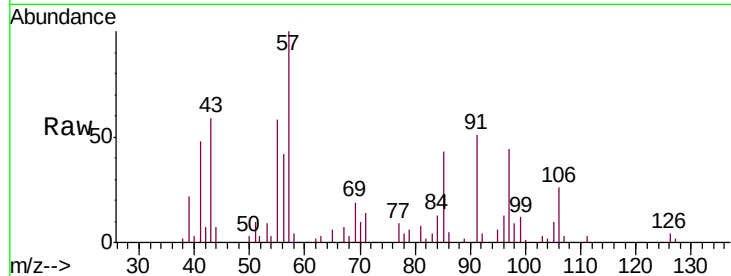




#70
Styrene
Concen: 2.312 ug/l
RT: 9.78 min Scan# 2678
Delta R.T. -0.01 min
Lab File: VU027544.D
Acq: 10 Oct 2018 00:15

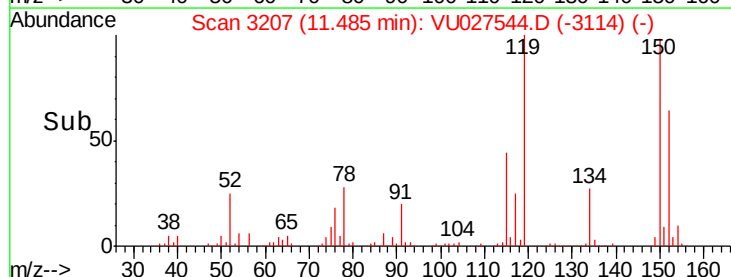
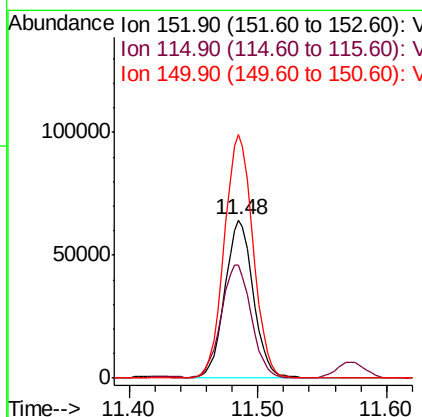
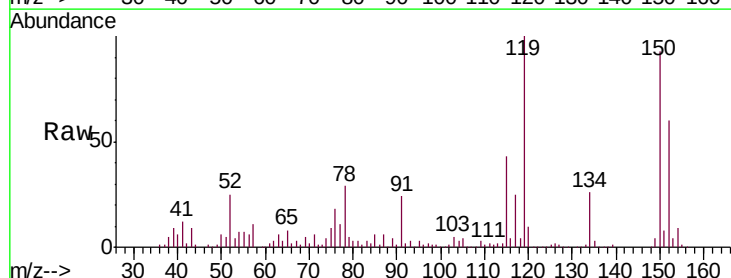
Instrument :
MSVOA_U
ClientSampleId :
EP1-MW-D

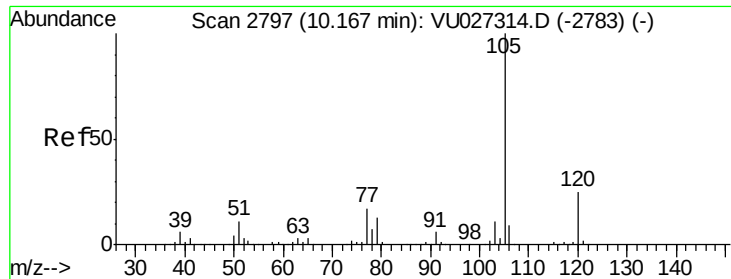
Tgt Ion:104 Resp: 71
Ion Ratio Lower Upper
104 100
78 115.5 42.9 64.3#
103 532.4 43.9 65.9#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.48 min Scan# 3207
Delta R.T. 0.00 min
Lab File: VU027544.D
Acq: 10 Oct 2018 00:15

Tgt Ion:152 Resp: 97311
Ion Ratio Lower Upper
152 100
115 75.6 43.4 130.2
150 156.7 0.0 349.2





#73

Isopropylbenzene

Concen: 13.120 ug/l

RT: 10.17 min Scan# 2798

Delta R.T. 0.00 min

Lab File: VU027544.D

Acq: 10 Oct 2018 00:15

Instrument :

MSVOA_U

ClientSampleId :

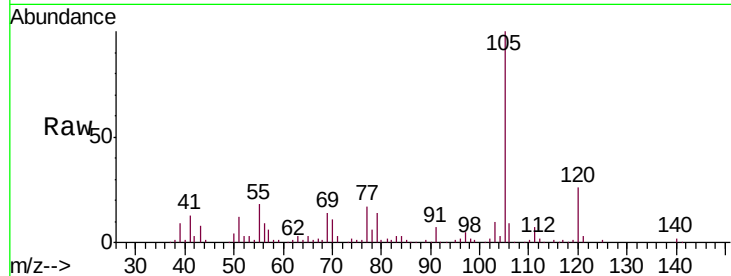
EP1-MW-D

Tgt Ion: 105 Resp: 92724

Ion Ratio Lower Upper

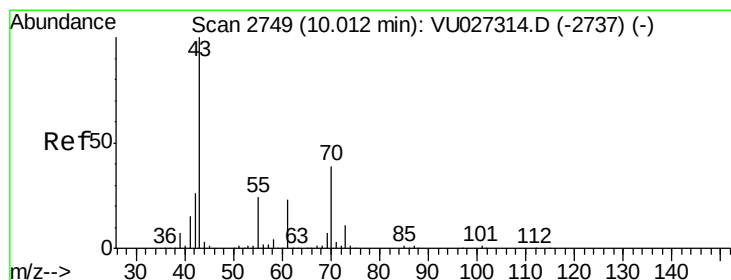
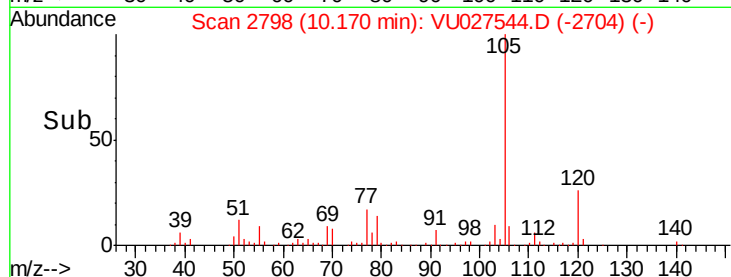
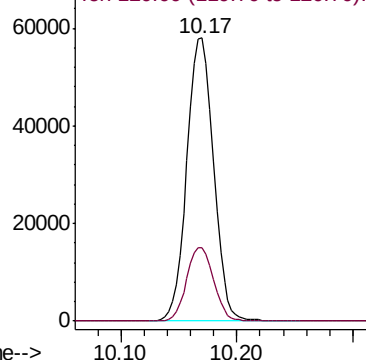
105 100

120 26.2 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: 11.812 ug/l

RT: 10.04 min Scan# 2759

Delta R.T. 0.03 min

Lab File: VU027544.D

Acq: 10 Oct 2018 00:15

Tgt Ion: 43 Resp: 47791

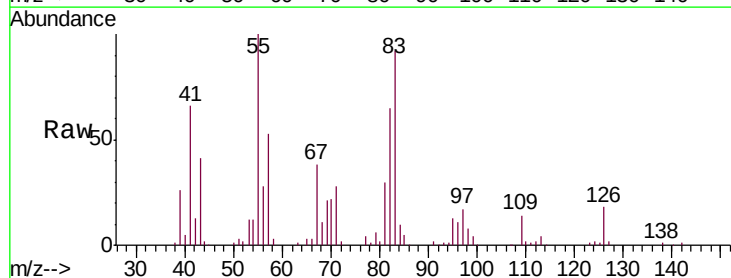
Ion Ratio Lower Upper

43 100

70 44.0 31.3 46.9

55 208.0 19.0 28.6#

61 0.0 18.5 27.7#

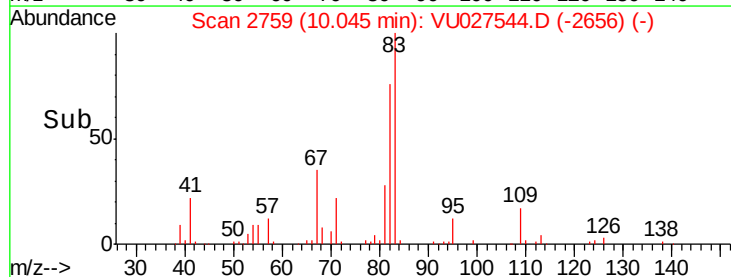
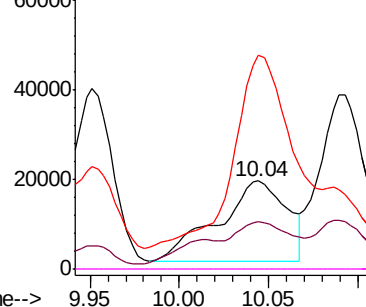


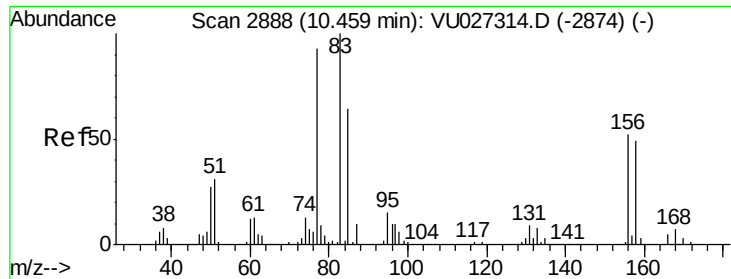
Abundance Ion 43.00 (42.70 to 43.70): VU0

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





#75

1,1,2,2-Tetrachloroethane

Concen: 11.521 ug/l

RT: 10.49 min Scan# 2898

Delta R.T. 0.03 min

Lab File: VU027544.D

Acq: 10 Oct 2018 00:15

Instrument :

MSVOA_U

ClientSampleId :

EP1-MW-D

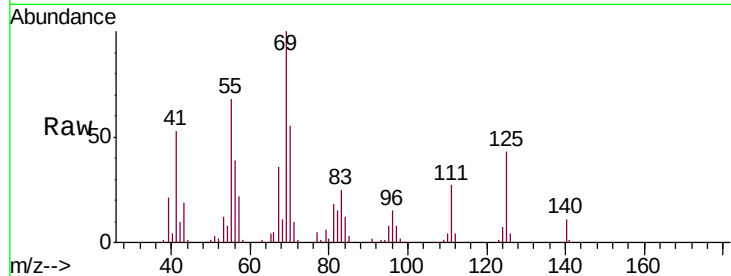
Tgt Ion: 83 Resp: 31972

Ion Ratio Lower Upper

83 100

131 0.0 4.4 13.2#

85 9.2 32.0 96.0#

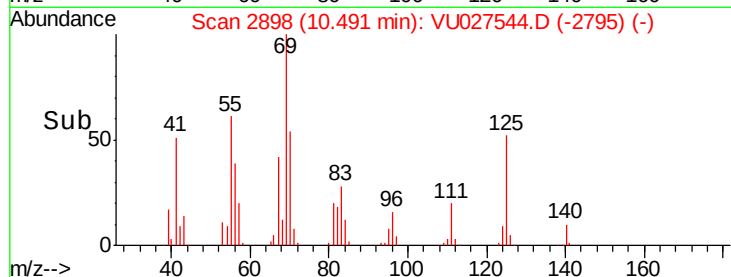


Abundance Ion 82.90 (82.60 to 83.60): VU027314.D (-2874) (-)

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

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

Time-->

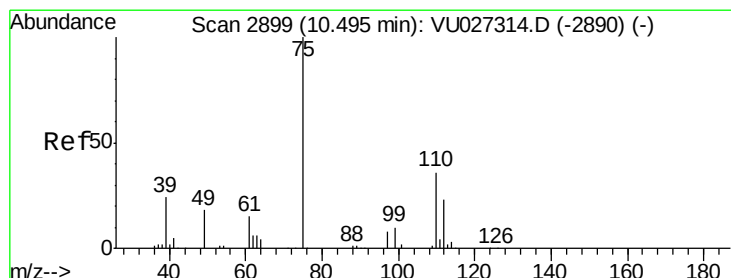


Abundance Ion 82.90 (82.60 to 83.60): VU027544.D (-2795) (-)

Ion 130.80 (130.50 to 131.50): VU027544.D (-2795) (-)

Ion 84.90 (84.60 to 85.60): VU027544.D (-2795) (-)

Time-->



#76

1,2,3-Trichloropropane

Concen: 22.246 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. -0.19 min

Lab File: VU027544.D

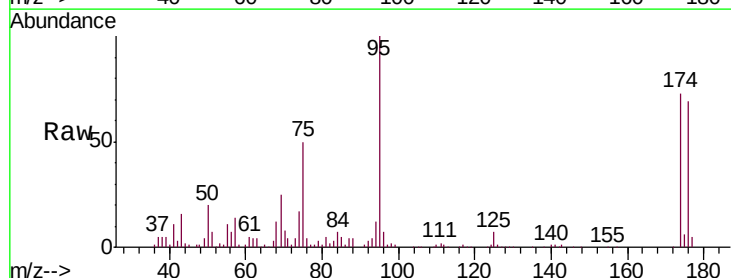
Acq: 10 Oct 2018 00:15

Tgt Ion: 75 Resp: 56116

Ion Ratio Lower Upper

75 100

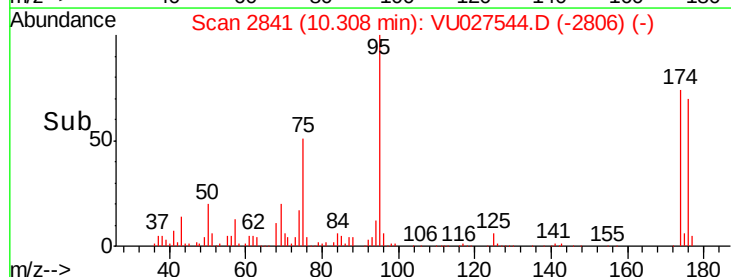
77 0.0 20.3 60.9#



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

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

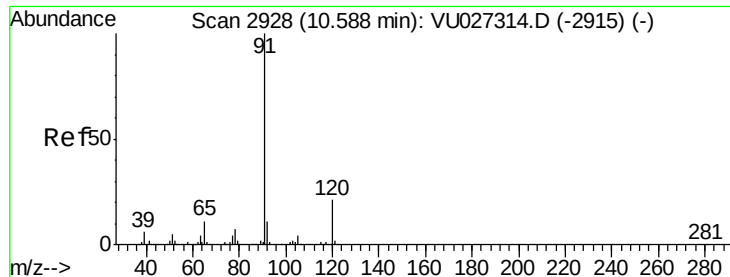
Time-->



Abundance Ion 74.90 (74.60 to 75.60): VU027544.D (-2806) (-)

Ion 77.00 (76.70 to 77.70): VU027544.D (-2806) (-)

Time-->



#78

n-propylbenzene

Concen: 13.936 ug/l

RT: 10.59 min Scan# 2928

Delta R.T. 0.00 min

Lab File: VU027544.D

Acq: 10 Oct 2018 00:15

Instrument :

MSVOA_U

ClientSampleId :

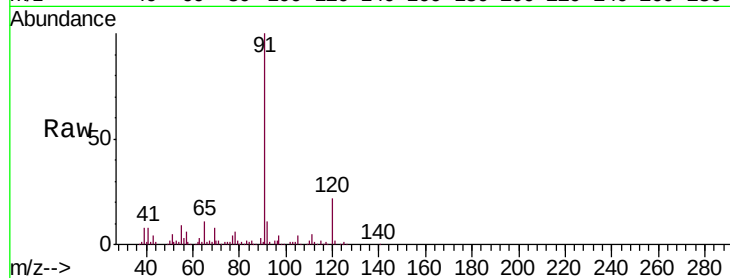
EP1-MW-D

Tgt Ion: 91 Resp: 118353

Ion Ratio Lower Upper

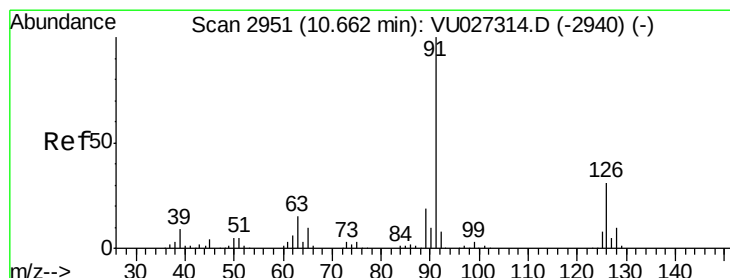
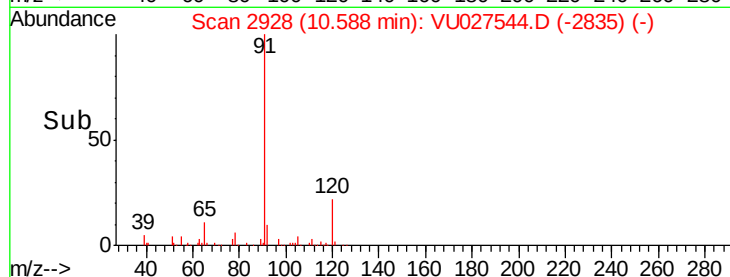
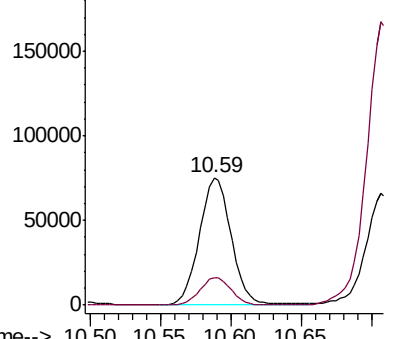
91 100

120 21.2 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: 20.074 ug/l

RT: 10.71 min Scan# 2965

Delta R.T. 0.05 min

Lab File: VU027544.D

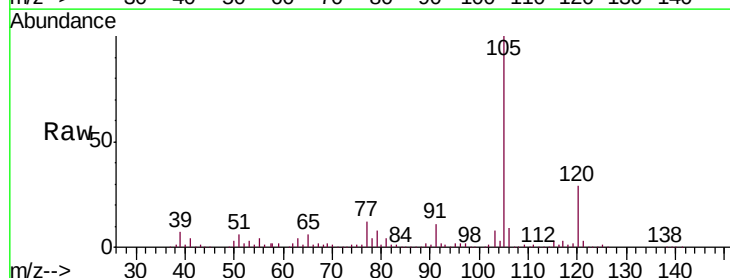
Acq: 10 Oct 2018 00:15

Tgt Ion: 91 Resp: 102932

Ion Ratio Lower Upper

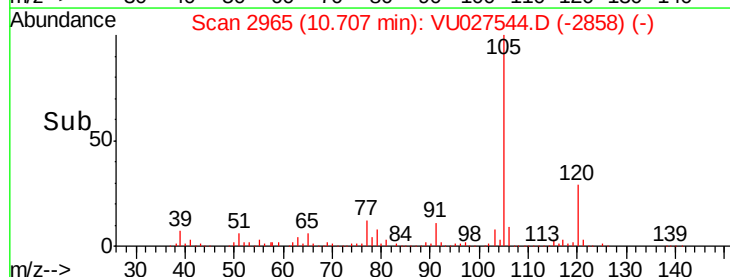
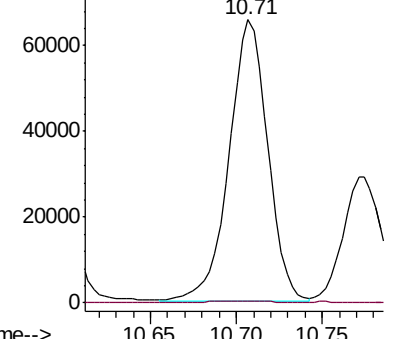
91 100

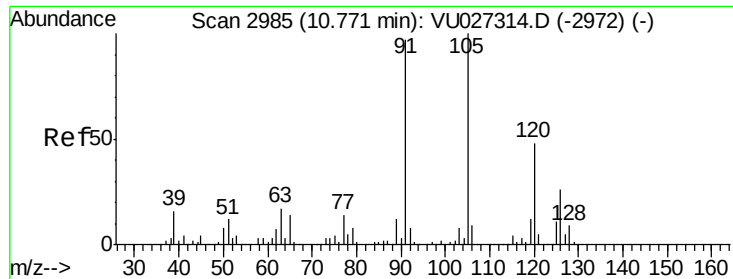
126 1.1 15.7 47.1#



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 125.90 (125.60 to 126.60): V

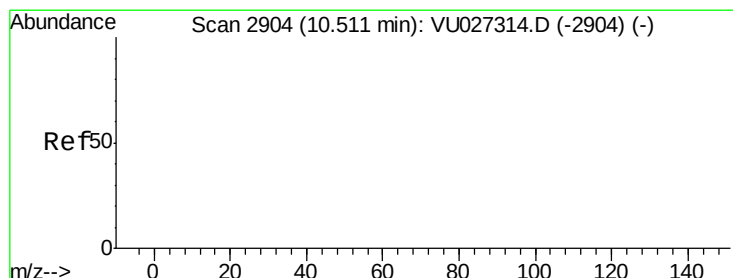
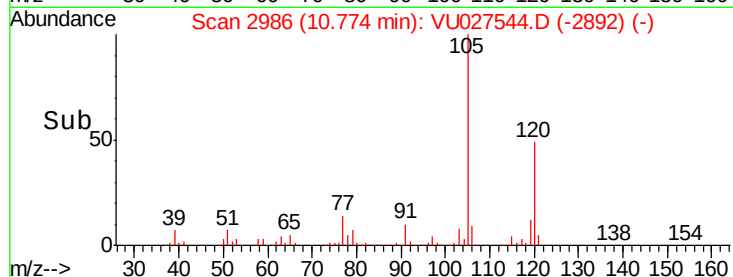
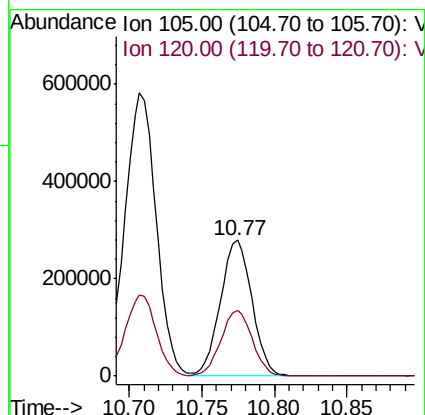
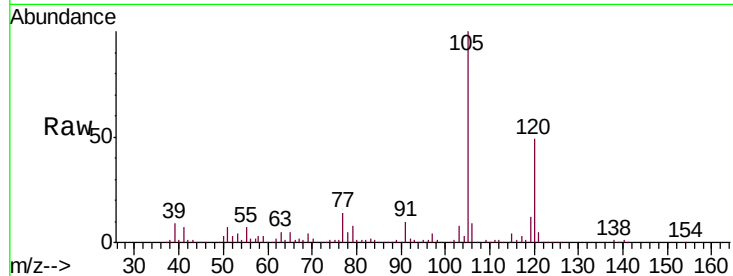




#80
 1,3,5-Trimethylbenzene
 Concen: 73.280 ug/l
 RT: 10.77 min Scan# 2986
 Delta R.T. 0.00 min
 Lab File: VU027544.D
 Acq: 10 Oct 2018 00:15

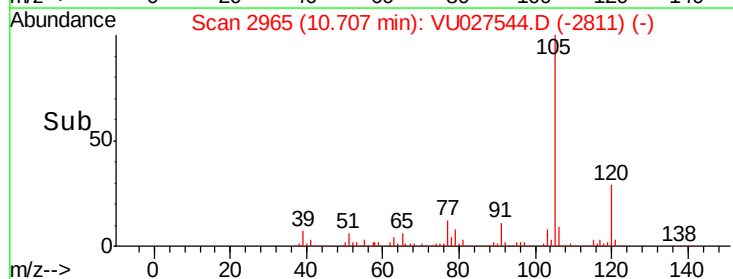
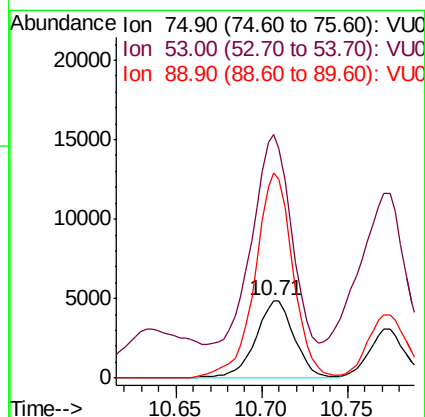
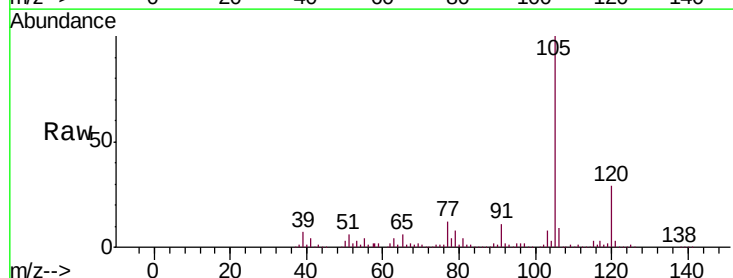
Instrument :
 MSVOA_U
 ClientSampled :
 EP1-MW-D

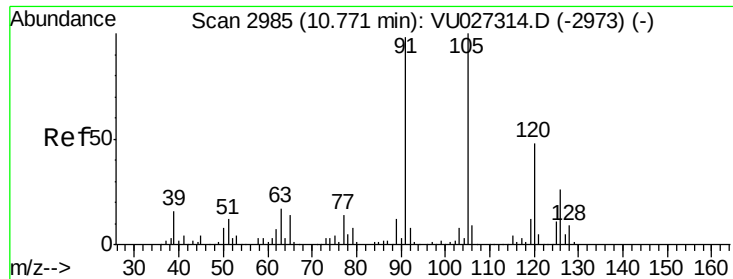
Tgt Ion:105 Resp: 421658
 Ion Ratio Lower Upper
 105 100
 120 48.1 24.1 72.4



#81
 trans-1,4-Dichloro-2-butene
 Concen: 7.905 ug/l
 RT: 10.71 min Scan# 2965
 Delta R.T. 0.20 min
 Lab File: VU027544.D
 Acq: 10 Oct 2018 00:15

Tgt Ion: 75 Resp: 7619
 Ion Ratio Lower Upper
 75 100
 53 276.7 0.0 0.0#
 89 260.2 0.0 0.0#

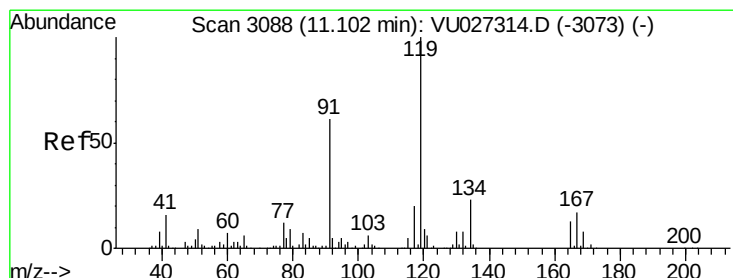
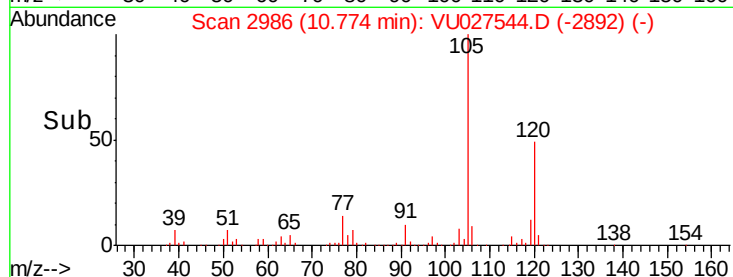
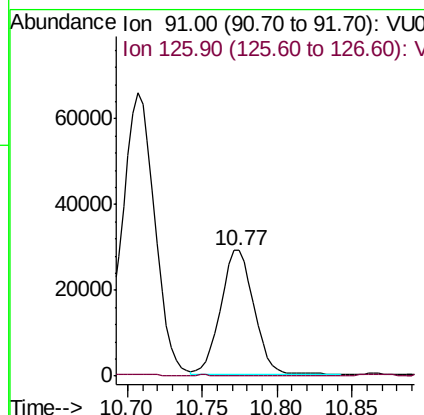
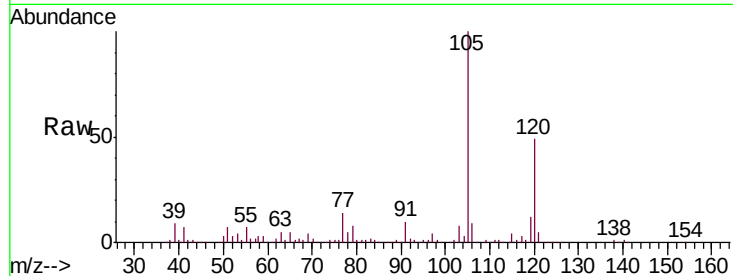




#82
4-Chlorotoluene
Concen: 7.775 ug/l
RT: 10.77 min Scan# 2986
Delta R.T. 0.00 min
Lab File: VU027544.D
Acq: 10 Oct 2018 00:15

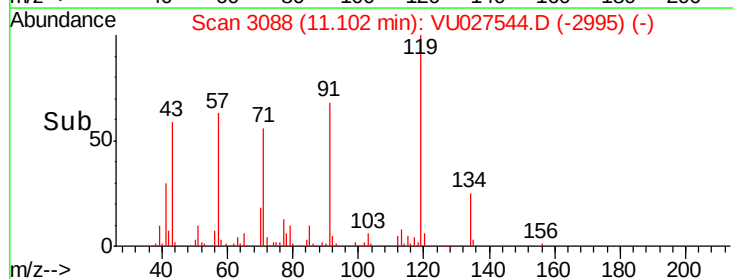
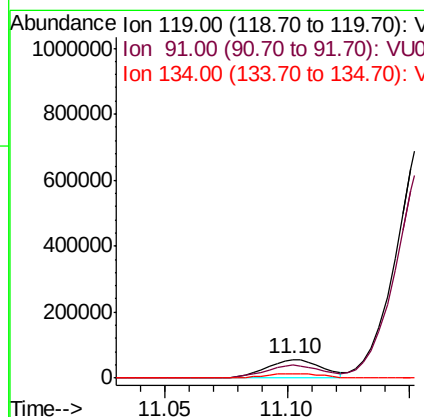
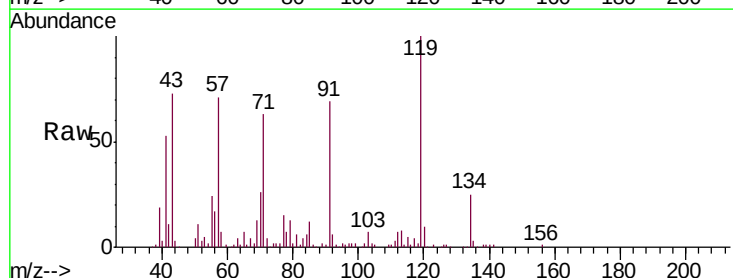
Instrument :
MSVOA_U
ClientSampleId :
EP1-MW-D

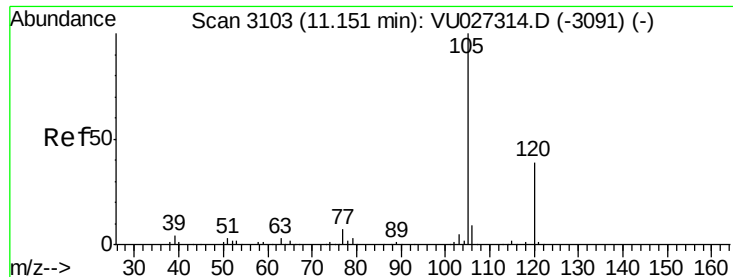
Tgt Ion: 91 Resp: 45244
Ion Ratio Lower Upper
91 100
126 0.0 13.6 40.8#



#83
tert-Butylbenzene
Concen: 16.030 ug/l
RT: 11.10 min Scan# 3088
Delta R.T. 0.00 min
Lab File: VU027544.D
Acq: 10 Oct 2018 00:15

Tgt Ion: 119 Resp: 89169
Ion Ratio Lower Upper
119 100
91 70.2 30.3 91.0
134 25.4 11.5 34.4

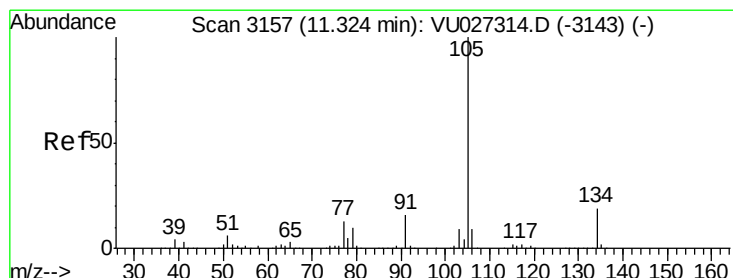
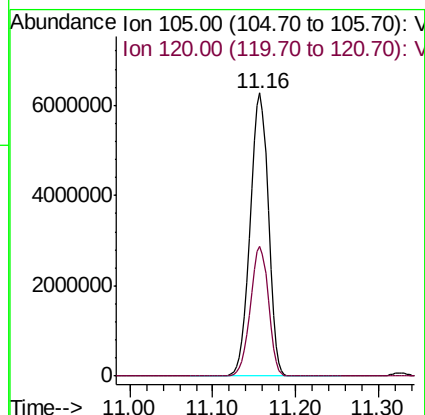
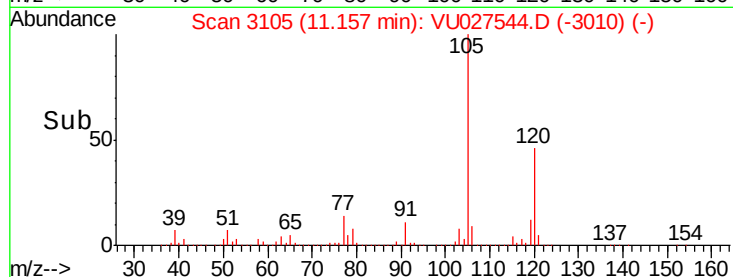
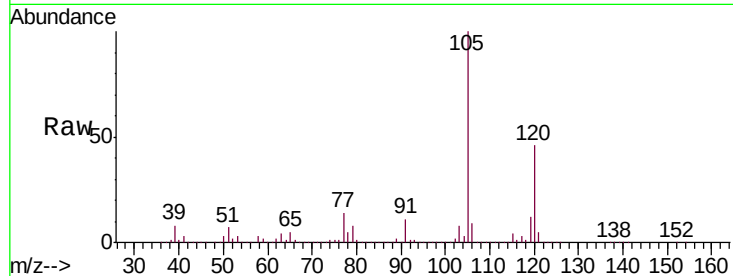




#84
 1,2,4-Trimethylbenzene
 Concen: 1608.644 ug/l
 RT: 11.16 min Scan# 3105
 Delta R.T. 0.01 min
 Lab File: VU027544.D
 Acq: 10 Oct 2018 00:15

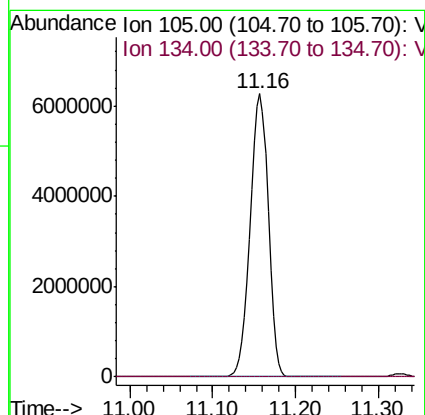
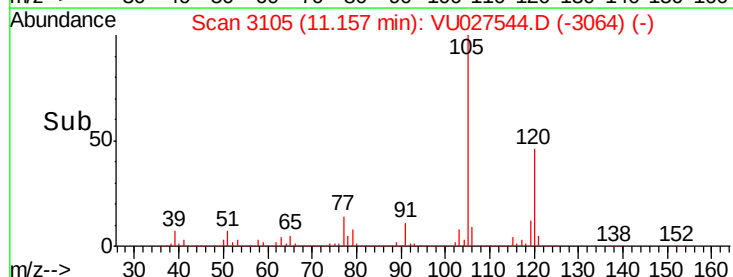
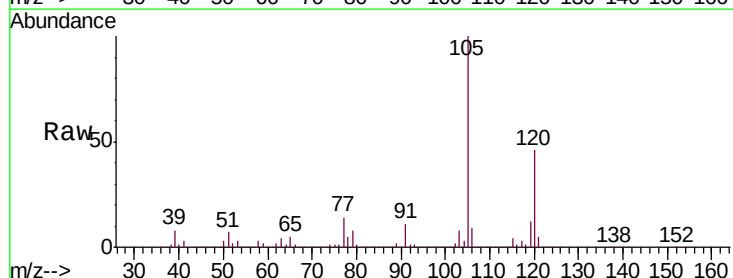
Instrument :
 MSVOA_U
 ClientSampleId :
 EP1-MW-D

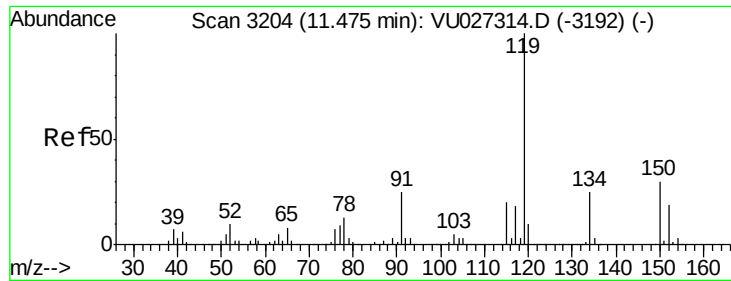
Tgt Ion:105 Resp: 9455183
 Ion Ratio Lower Upper
 105 100
 120 45.5 22.1 66.5



#85
 sec-Butylbenzene
 Concen: 1349.045 ug/l
 RT: 11.16 min Scan# 3105
 Delta R.T. -0.17 min
 Lab File: VU027544.D
 Acq: 10 Oct 2018 00:15

Tgt Ion:105 Resp: 9455183
 Ion Ratio Lower Upper
 105 100
 134 0.0 9.6 28.6#

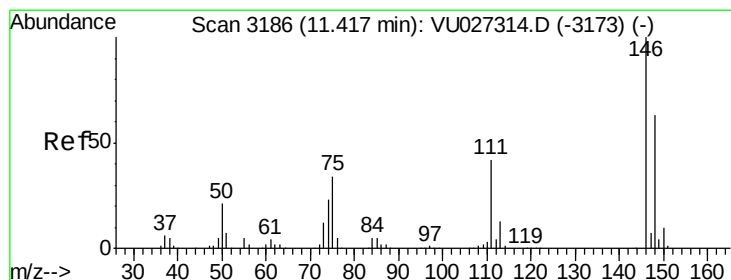
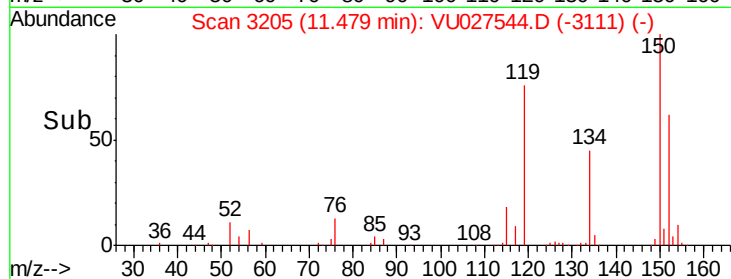
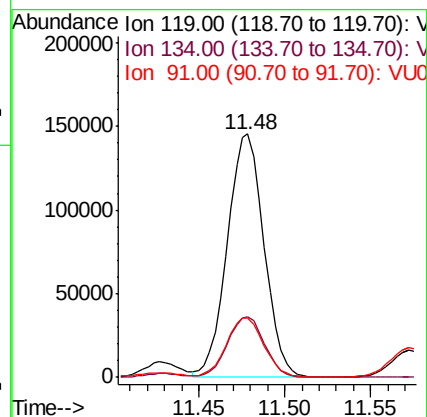
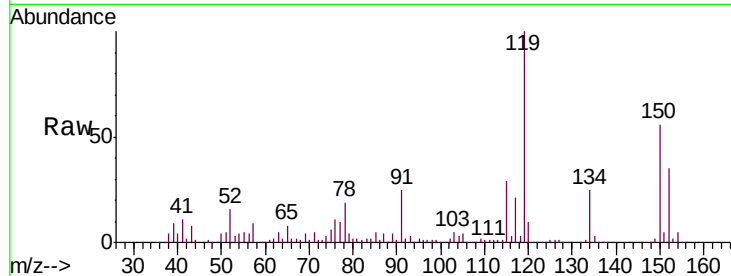




#86
p-Isopropyltoluene
Concen: 35.955 ug/l
RT: 11.48 min Scan# 3205
Delta R.T. 0.00 min
Lab File: VU027544.D
Acq: 10 Oct 2018 00:15

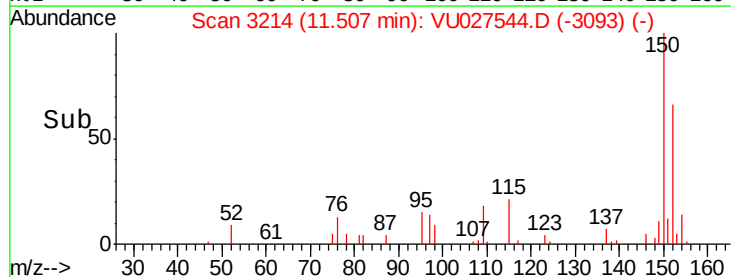
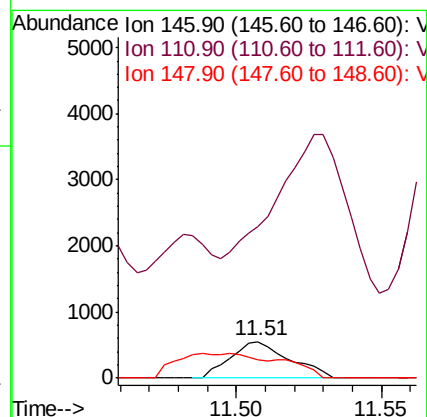
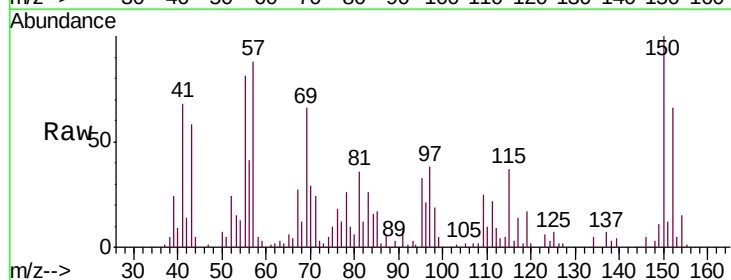
Instrument :
MSVOA_U
ClientSampleId :
EP1-MW-D

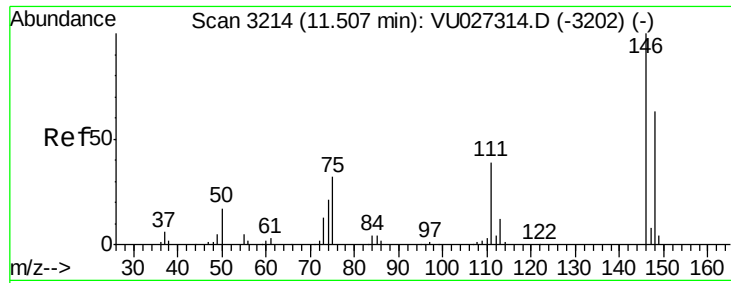
Tgt Ion:119 Resp: 215768
Ion Ratio Lower Upper
119 100
134 25.2 12.7 38.1
91 24.4 12.2 36.4



#87
1,3-Dichlorobenzene
Concen: 0.250 ug/l
RT: 11.51 min Scan# 3214
Delta R.T. 0.09 min
Lab File: VU027544.D
Acq: 10 Oct 2018 00:15

Tgt Ion:146 Resp: 779
Ion Ratio Lower Upper
146 100
111 0.0 20.8 62.5#
148 92.9 31.6 94.8

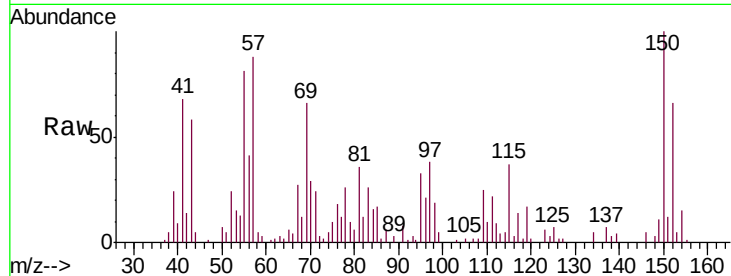




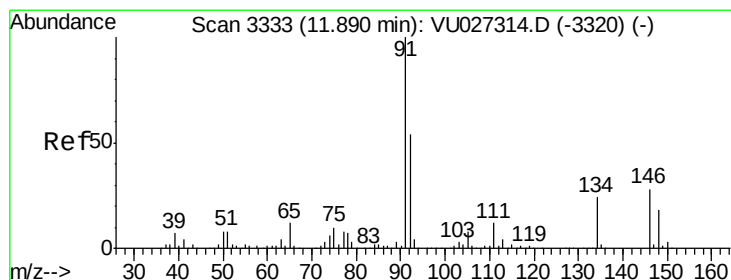
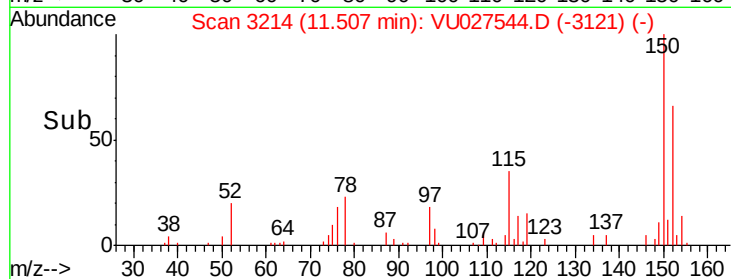
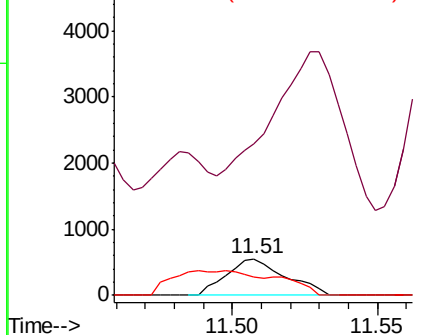
#88
 1,4-Dichlorobenzene
 Concen: 0.245 ug/l
 RT: 11.51 min Scan# 3214
 Delta R.T. 0.00 min
 Lab File: VU027544.D
 Acq: 10 Oct 2018 00:15

Instrument :
 MSVOA_U
 ClientSampleId :
 EP1-MW-D

Tgt Ion:146 Resp: 779
 Ion Ratio Lower Upper
 146 100
 111 0.0 20.4 61.2#
 148 92.9 31.9 95.5

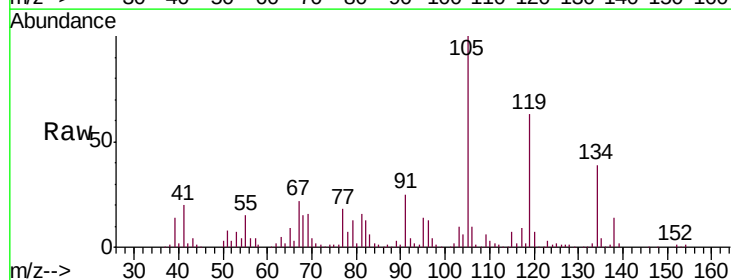


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

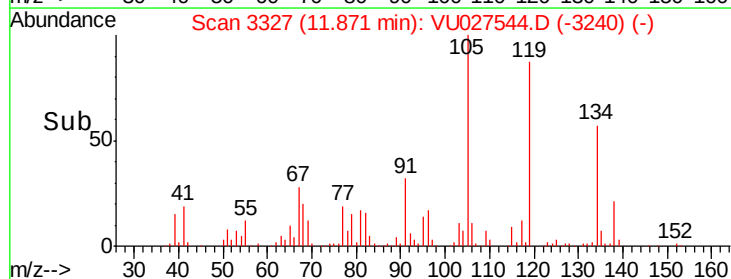
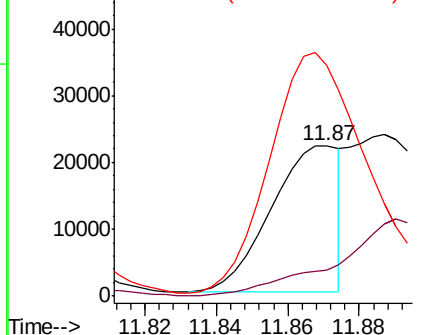


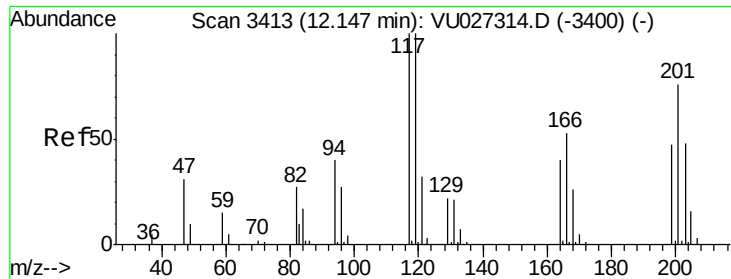
#89
 n-Butylbenzene
 Concen: 6.340 ug/l
 RT: 11.87 min Scan# 3327
 Delta R.T. -0.02 min
 Lab File: VU027544.D
 Acq: 10 Oct 2018 00:15

Tgt Ion: 91 Resp: 29092
 Ion Ratio Lower Upper
 91 100
 92 0.0 27.0 81.0#
 134 242.5 11.7 35.1#



Abundance Ion 91.00 (90.70 to 91.70): VU0
 Ion 92.00 (91.70 to 92.70): VU0
 Ion 134.00 (133.70 to 134.70): V





#90

Hexachloroethane

Concen: 58.450 ug/l

RT: 12.15 min Scan# 3413

Delta R.T. 0.00 min

Lab File: VU027544.D

Acq: 10 Oct 2018 00:15

Instrument :

MSVOA_U

ClientSampleId :

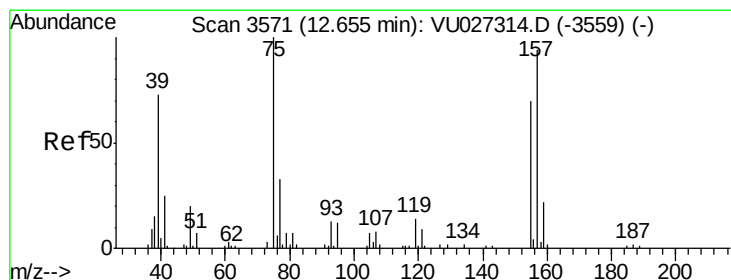
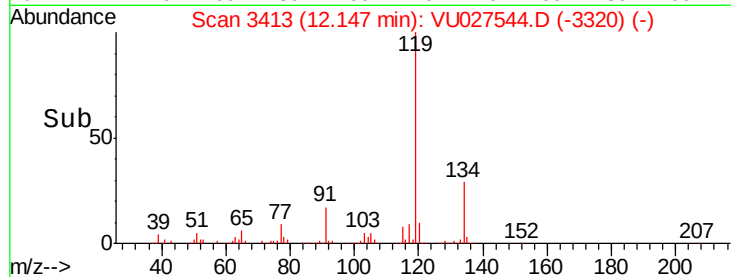
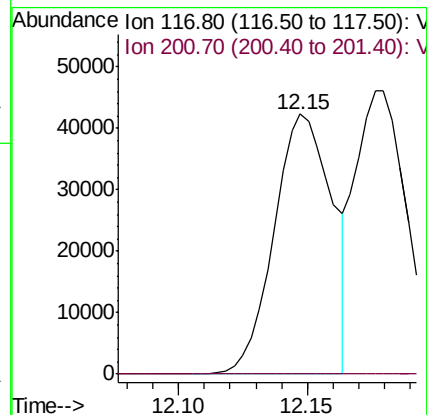
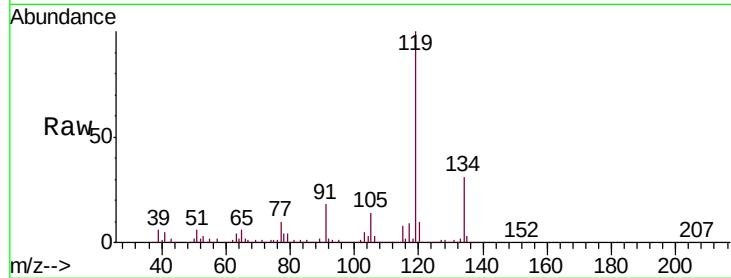
EP1-MW-D

Tgt Ion:117 Resp: 66115

Ion Ratio Lower Upper

117 100

201 0.0 37.9 113.6#



#92

1,2-Dibromo-3-Chloropropane

Concen: 7.938 ug/l

RT: 12.65 min Scan# 3569

Delta R.T. -0.01 min

Lab File: VU027544.D

Acq: 10 Oct 2018 00:15

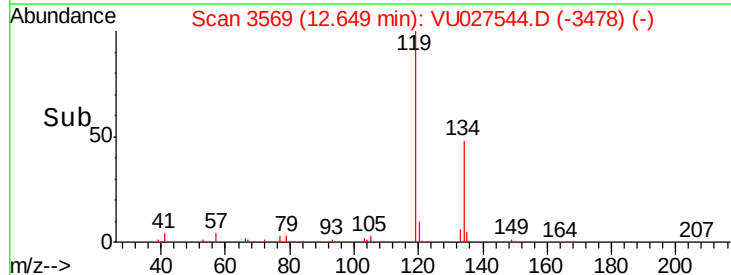
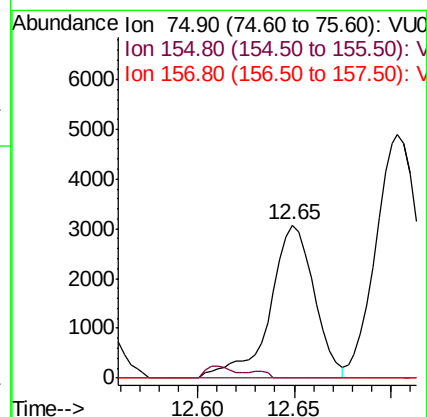
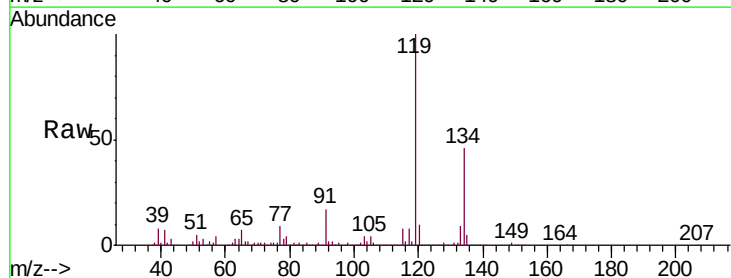
Tgt Ion: 75 Resp: 4882

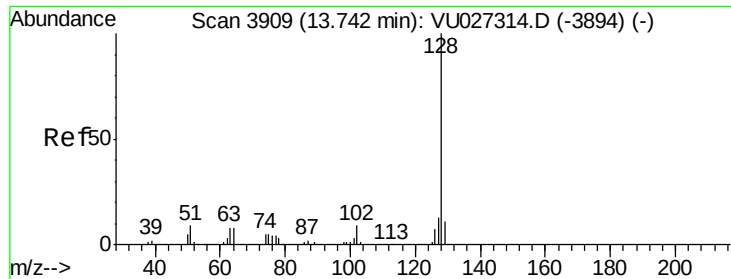
Ion Ratio Lower Upper

75 100

155 1.9 35.9 107.8#

157 0.0 46.9 140.6#





#95
Naphthalene
Concen: 2.683 ug/l
RT: 13.74 min Scan# 3909
Delta R.T. 0.00 min
Lab File: VU027544.D
Acq: 10 Oct 2018 00:15

Instrument :
MSVOA_U
ClientSampleId :
EP1-MW-D

Tgt Ion:128 Resp: 7786
Ion Ratio Lower Upper
128 100
127 20.8 10.5 15.7#
129 33.3 8.6 12.8#

