

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U100418\
 Data File : VU027385.D
 Acq On : 04 Oct 2018 02:55
 Operator : MD/SY
 Sample : J5218-06
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 04 07:38:46 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

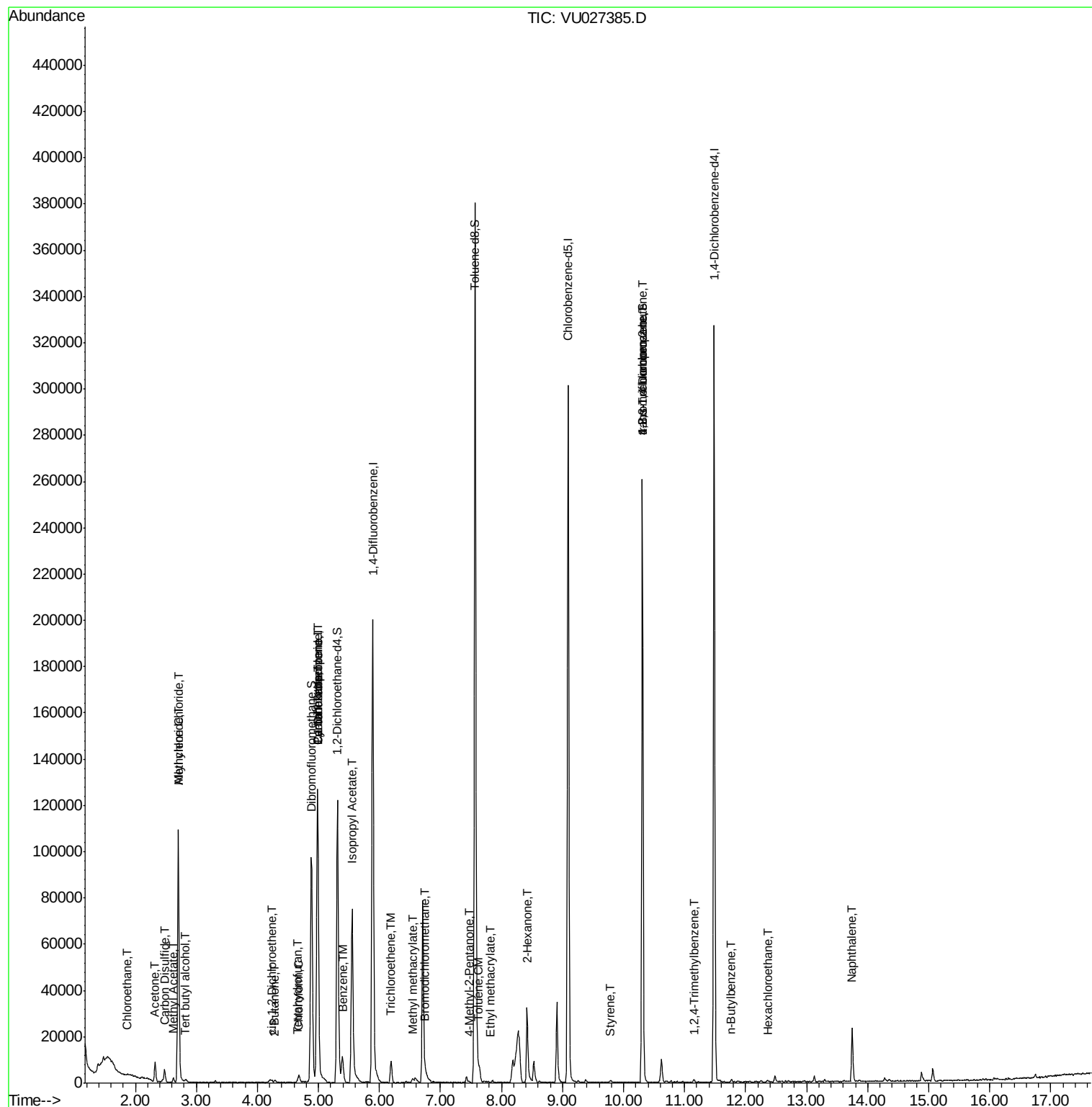
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	89335	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	164230	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	157450	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	77950	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	96778	64.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	129.76%	
35) Dibromofluoromethane	4.88	113	67406	59.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	119.78%	
50) Toluene-d8	7.57	98	253124	60.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	120.18%	
62) 4-Bromofluorobenzene	10.31	95	85553	54.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.30%	
Target Compounds						
					Qvalue	
6) Chloroethane	1.86	64	216	0.219	ug/l #	44
11) Tert butyl alcohol	2.83	59	1024	3.260	ug/l #	72
14) Allyl chloride	2.70	41	2228	0.994	ug/l #	26
16) Acetone	2.32	43	9329	10.586	ug/l	94
17) Carbon Disulfide	2.48	76	6487	1.906	ug/l	97
18) Methyl Acetate	2.62	43	2463	1.225	ug/l #	88
20) Methylene Chloride	2.70	84	44541	36.284	ug/l	97
25) 2-Butanone	4.28	43	1607	1.337	ug/l	95
27) cis-1,2-Dichloroethene	4.23	96	466	0.385	ug/l	80
29) Tetrahydrofuran	4.65	42	520	0.687	ug/l #	39
30) Chloroform	4.68	83	2940	1.413	ug/l	95
31) Cyclohexane	4.98	56	2131	0.656	ug/l #	1
36) 1,1-Dichloropropene	4.99	75	8698	4.878	ug/l #	50
38) Carbon Tetrachloride	4.99	117	9268	5.754	ug/l #	18
40) Benzene	5.39	78	9589	1.846	ug/l	98
43) Isopropyl Acetate	5.55	43	92761	25.916	ug/l	98
44) Trichloroethene	6.19	130	3357	2.898	ug/l	97
47) Bromodichloromethane	6.76	83	593	0.338	ug/l #	90
48) Methyl methacrylate	6.54	41	2804	1.575	ug/l #	23
51) 4-Methyl-2-Pentanone	7.47	43	787	0.338	ug/l #	38
52) Toluene	7.64	92	2297	0.747	ug/l	94
56) Ethyl methacrylate	7.81	69	103	2.314	ug/l #	51
59) 2-Hexanone	8.42	43	5632	3.122	ug/l #	53
70) Styrene	9.79	104	226	2.356	ug/l #	51
76) 1,2,3-Trichloropropane	10.31	75	46021	22.775	ug/l #	36
81) trans-1,4-Dichloro-2-buten	10.31	75	46021	59.606	ug/l #	100
84) 1,2,4-Trimethylbenzene	11.15	105	1073	0.228	ug/l	77
89) n-Butylbenzene	11.77	91	42	1.957	ug/l #	33
90) Hexachloroethane	12.36	117	687	0.758	ug/l #	12
95) Naphthalene	13.75	128	19116	4.796	ug/l	99

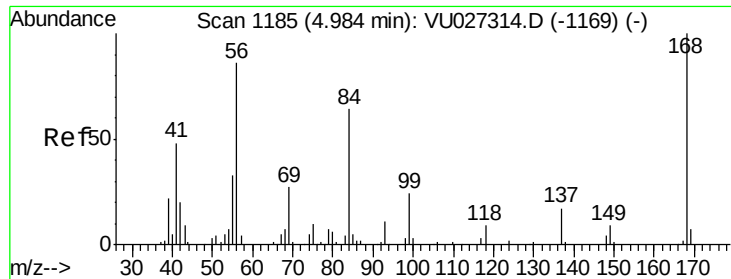
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Oct 02 02:04:34 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.99 min Scan# 1186

Delta R.T. 0.00 min

Lab File: VU027385.D

Acq: 04 Oct 2018 02:55

Instrument :

MSVOA_U

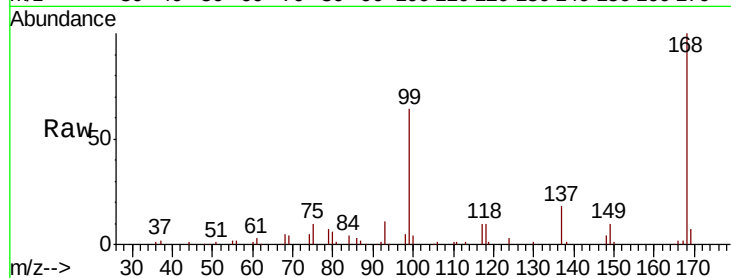
ClientSampleId :

Tot Ion:168 Resp: 89335

Ion Ratio Lower Upper

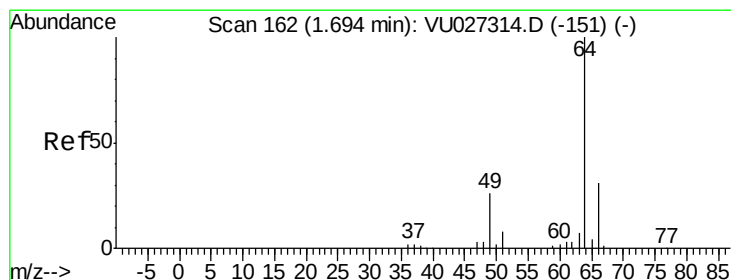
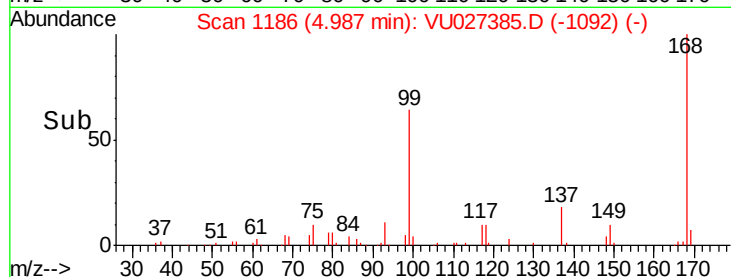
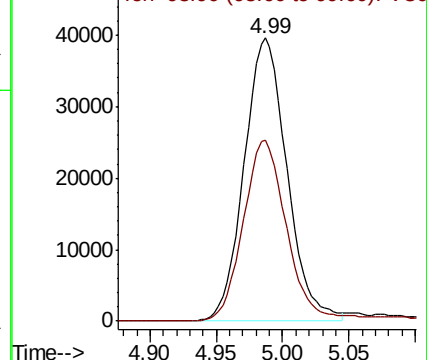
168 100

99 63.9 50.8 76.2



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

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



#6

Chloroethane

Concen: 0.219 ug/l

RT: 1.86 min Scan# 215

Delta R.T. 0.17 min

Lab File: VU027385.D

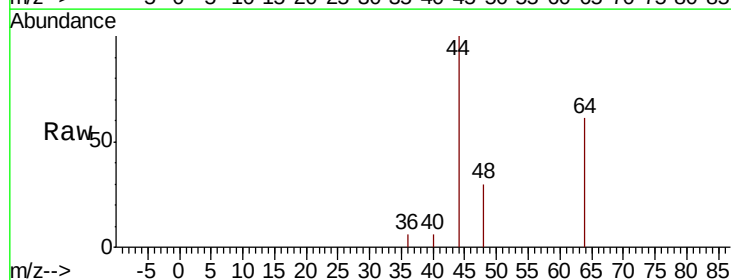
Acq: 04 Oct 2018 02:55

Tgt Ion: 64 Resp: 216

Ion Ratio Lower Upper

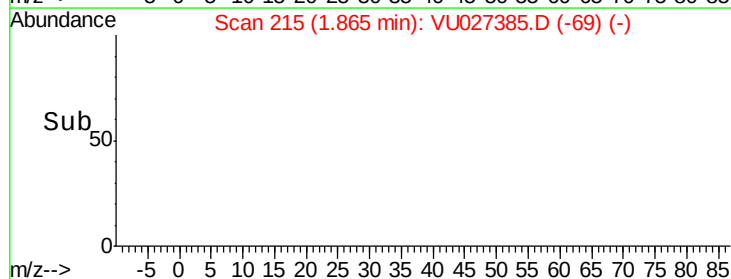
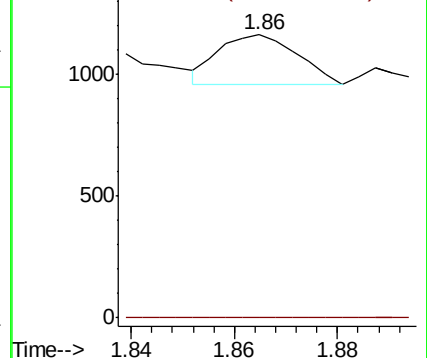
64 100

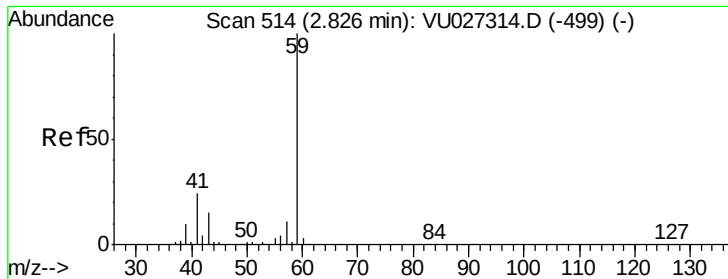
66 0.0 24.6 36.8#



Abundance Ion 63.90 (63.60 to 64.60): VU027314.D (-151) (-)

Ion 65.90 (65.60 to 66.60): VU027314.D (-151) (-)

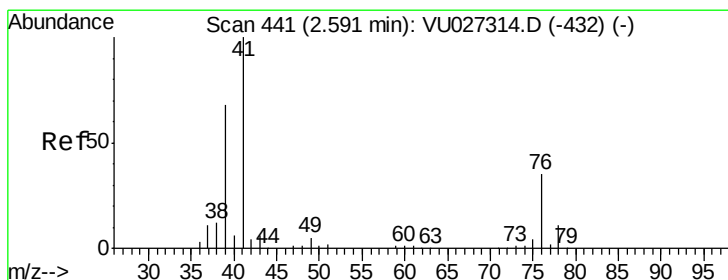
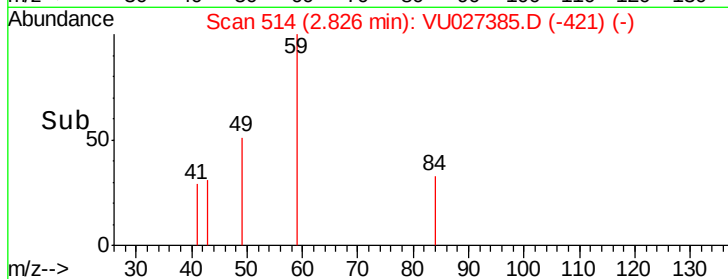
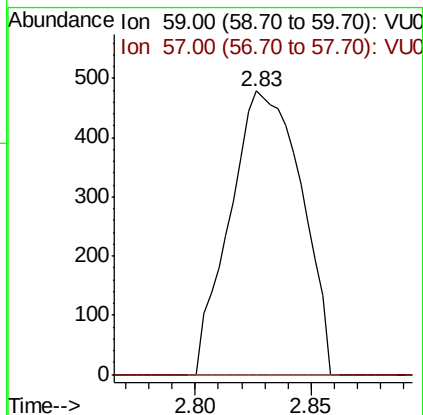
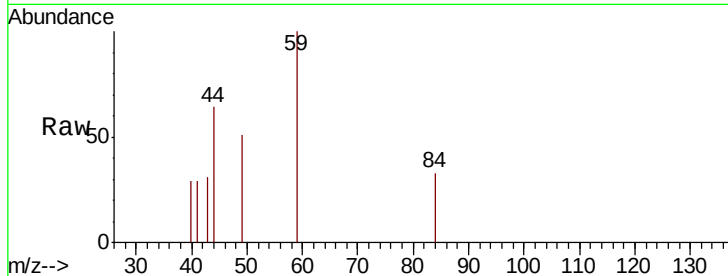




#11
Tert butyl alcohol
Concen: 3.260 ug/l
RT: 2.83 min Scan# 514
Delta R.T. 0.00 min
Lab File: VU027385.D
Acq: 04 Oct 2018 02:55

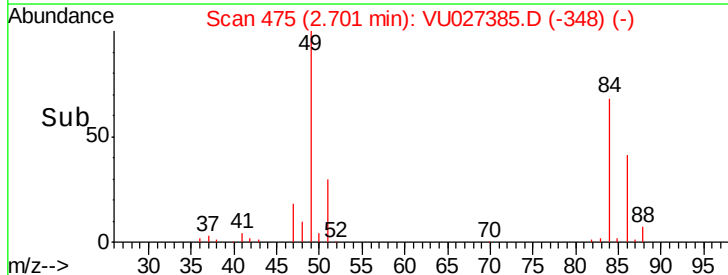
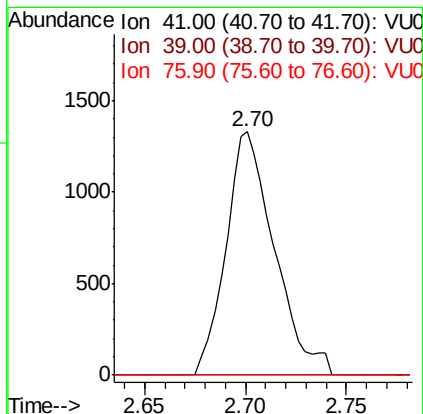
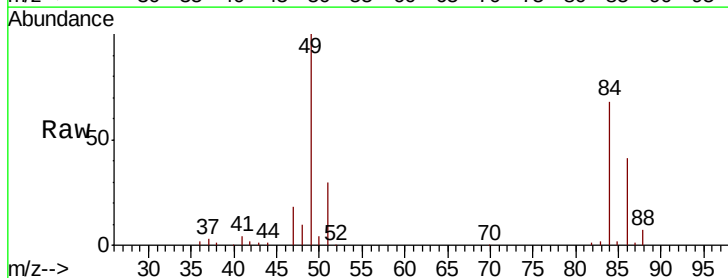
Instrument :
MSVOA_U
ClientSampled :

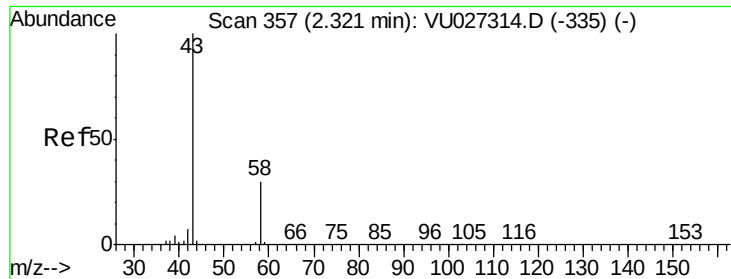
Tot Ion: 59 Resp: 1024
Ion Ratio Lower Upper
59 100
57 0.0 8.4 12.6#



#14
Allyl chloride
Concen: 0.994 ug/l
RT: 2.70 min Scan# 475
Delta R.T. 0.11 min
Lab File: VU027385.D
Acq: 04 Oct 2018 02:55

Tgt Ion: 41 Resp: 2228
Ion Ratio Lower Upper
41 100
39 0.0 51.8 77.8#
76 0.0 25.9 38.9#





#16

Acetone

Concen: 10.586 ug/l

RT: 2.32 min Scan# 358

Delta R.T. 0.00 min

Lab File: VU027385.D

Acq: 04 Oct 2018 02:55

Instrument :

MSVOA_U

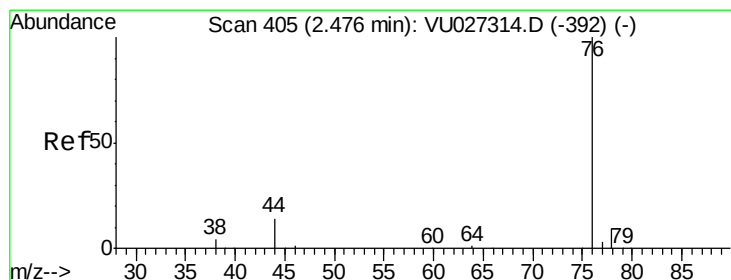
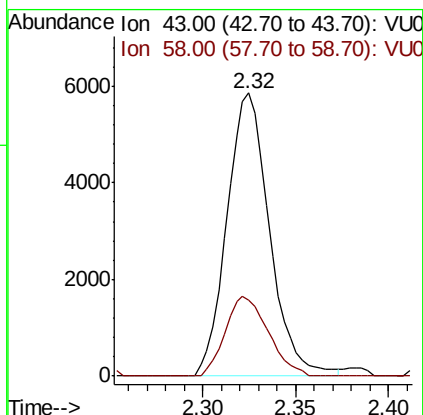
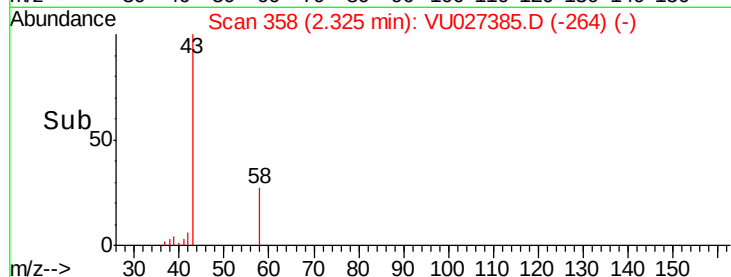
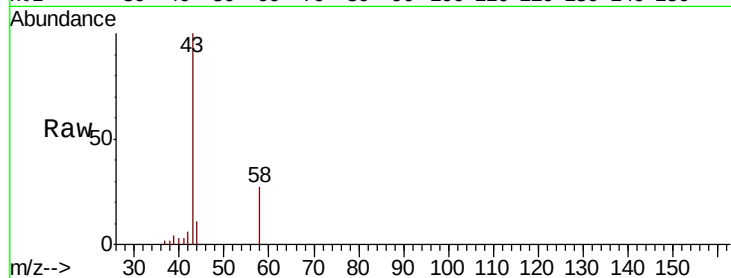
ClientSampleId :

Tot Ion: 43 Resp: 9329

Ion Ratio Lower Upper

43 100

58 27.0 24.2 36.4



#17

Carbon Disulfide

Concen: 1.906 ug/l

RT: 2.48 min Scan# 406

Delta R.T. 0.00 min

Lab File: VU027385.D

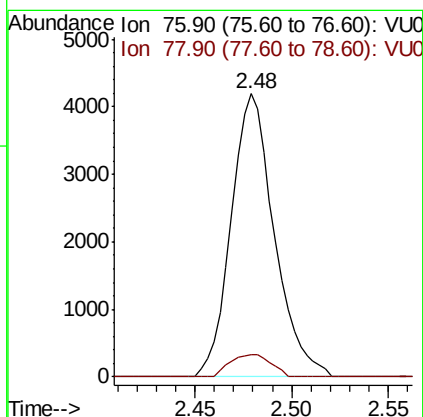
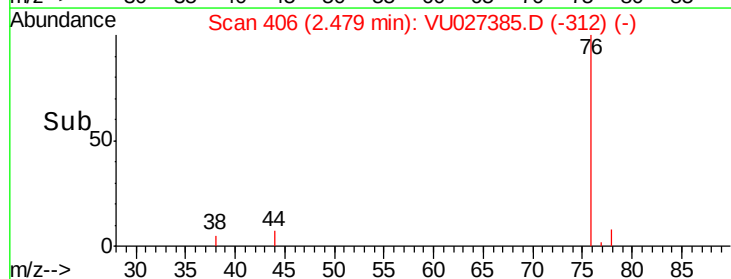
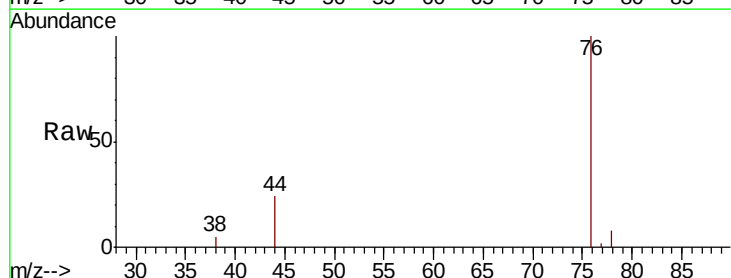
Acq: 04 Oct 2018 02:55

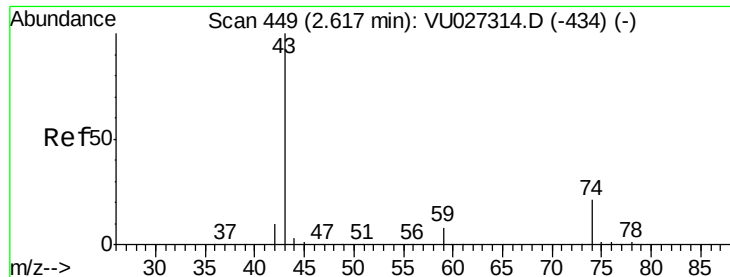
Tgt Ion: 76 Resp: 6487

Ion Ratio Lower Upper

76 100

78 7.9 7.3 10.9

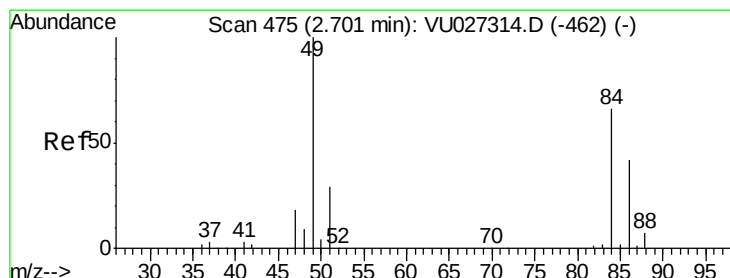
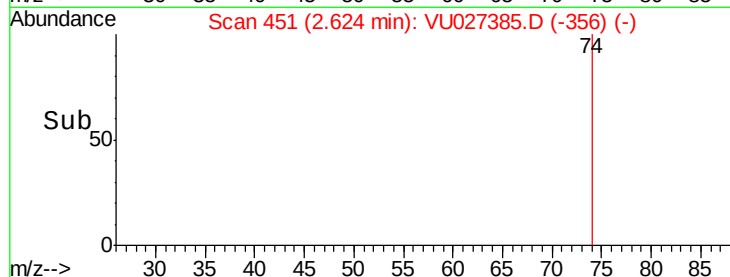
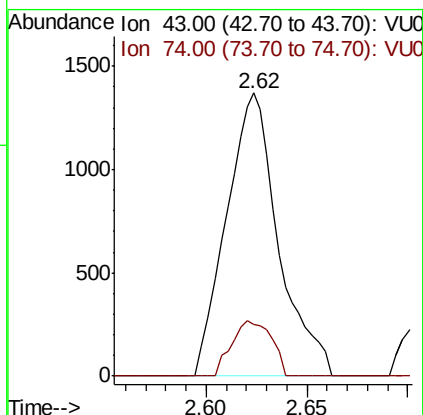
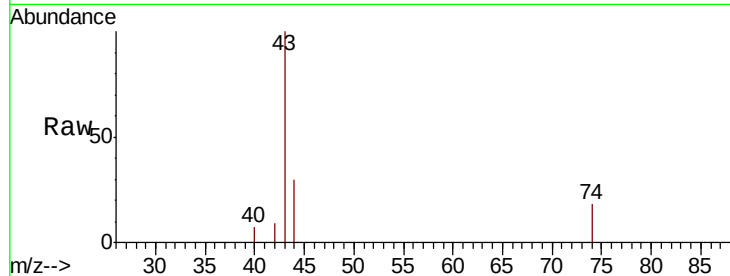




#18
Methvl Acetate
Concen: 1.225 ug/l
RT: 2.62 min Scan# 451
Delta R.T. 0.01 min
Lab File: VU027385.D
Acq: 04 Oct 2018 02:55

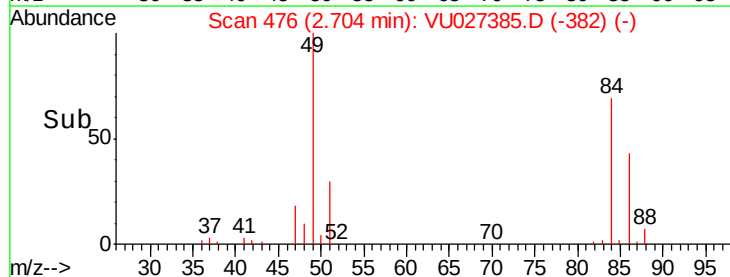
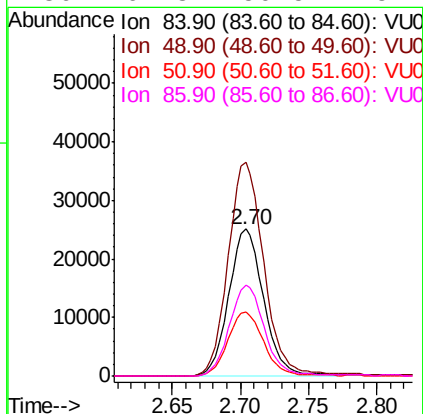
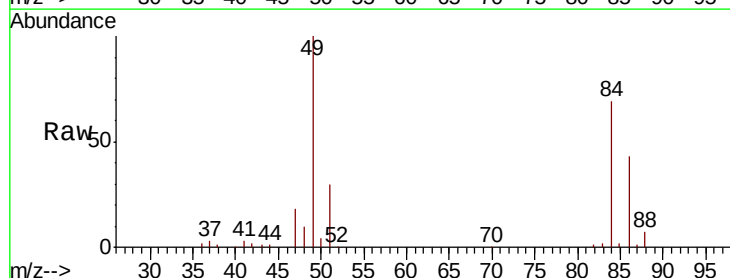
Instrument :
MSVOA_U
ClientSampleId :

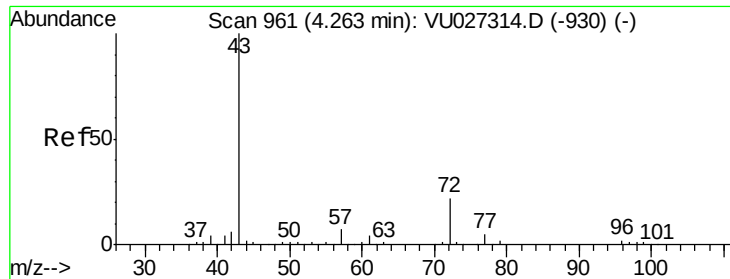
Tot Ion: 43 Resp: 2463
Ion Ratio Lower Upper
43 100
74 15.0 16.5 24.7#



#20
Methylene Chloride
Concen: 36.284 ug/l
RT: 2.70 min Scan# 476
Delta R.T. 0.00 min
Lab File: VU027385.D
Acq: 04 Oct 2018 02:55

Tgt Ion: 84 Resp: 44541
Ion Ratio Lower Upper
84 100
49 145.3 120.5 180.7
51 43.4 35.1 52.7
86 61.8 50.5 75.7

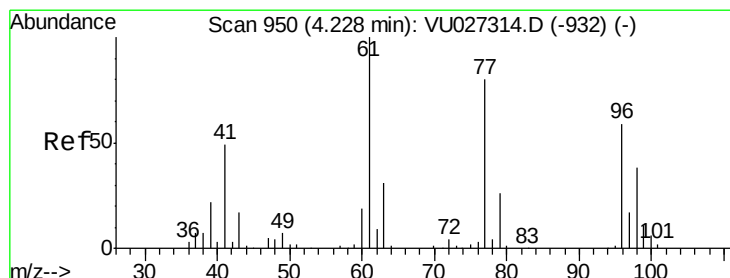
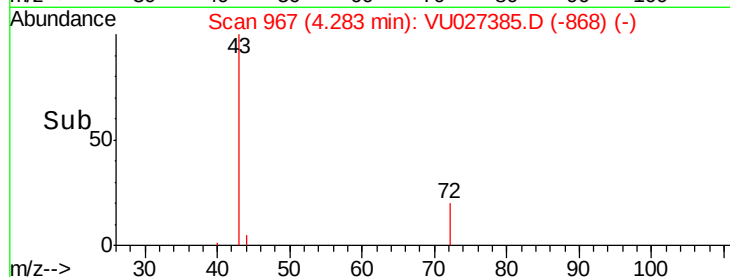
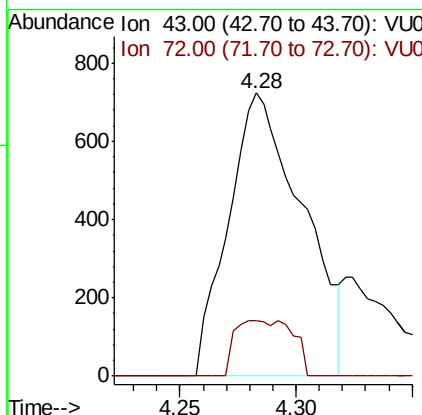
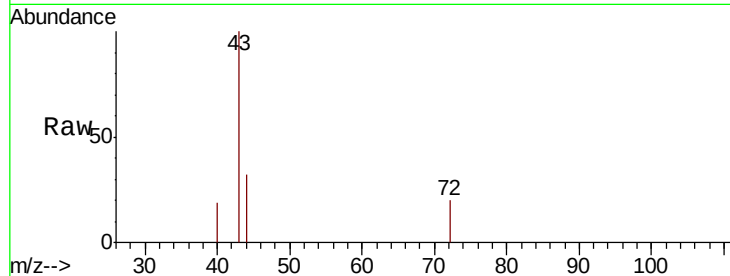




#25
 2-Butanone
 Concen: 1.337 ug/l
 RT: 4.28 min Scan# 967
 Delta R.T. 0.02 min
 Lab File: VU027385.D
 Acq: 04 Oct 2018 02:55

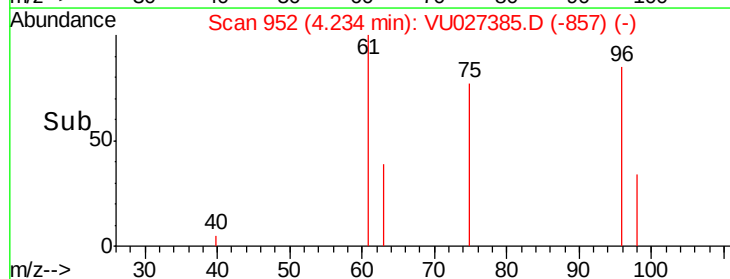
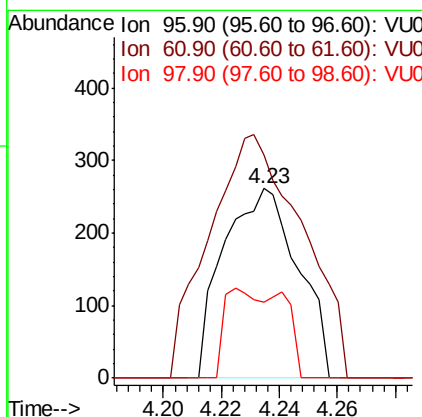
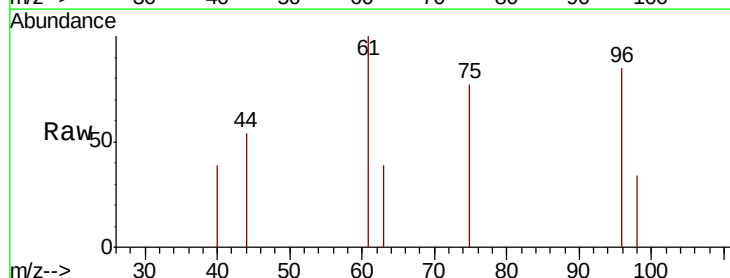
Instrument :
 MSVOA_U
 ClientSampleId :

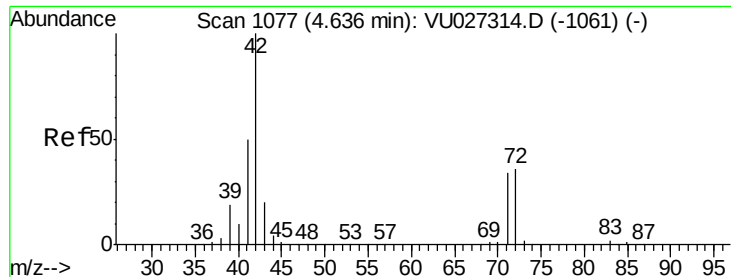
Tot Ion: 43 Resp: 1607
 Ion Ratio Lower Upper
 43 100
 72 19.6 17.8 26.6



#27
 cis-1,2-Dichloroethene
 Concen: 0.385 ug/l
 RT: 4.23 min Scan# 952
 Delta R.T. 0.01 min
 Lab File: VU027385.D
 Acq: 04 Oct 2018 02:55

Tgt Ion: 96 Resp: 466
 Ion Ratio Lower Upper
 96 100
 61 160.7 0.0 343.8
 98 23.6 0.0 129.0





#29

Tetrahydrofuran

Concen: 0.687 ug/l

RT: 4.65 min Scan# 1082

Delta R.T. 0.02 min

Lab File: VU027385.D

Acq: 04 Oct 2018 02:55

Instrument :

MSVOA_U

ClientSampleId :

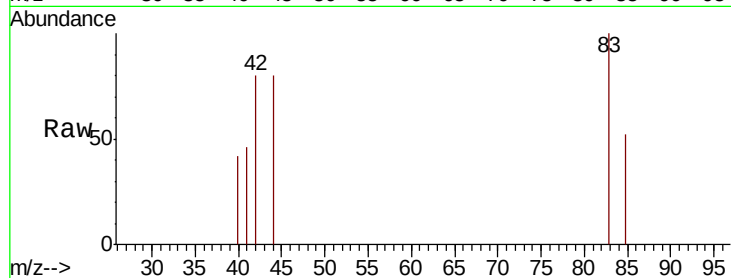
Tot Ion: 42 Resp: 520

Ion Ratio Lower Upper

42 100

72 0.0 30.1 45.1#

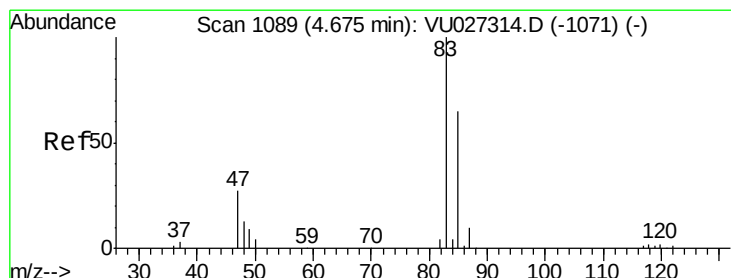
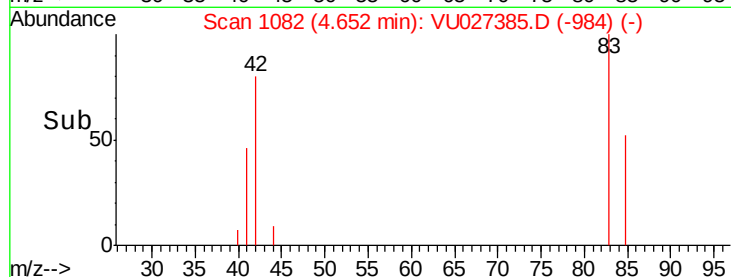
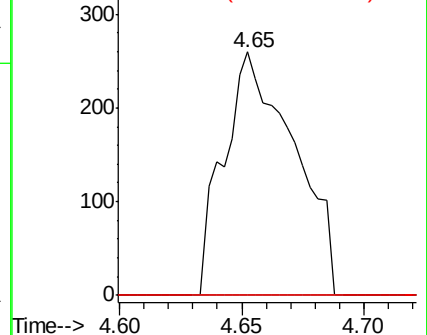
71 0.0 27.7 41.5#



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



#30

Chloroform

Concen: 1.413 ug/l

RT: 4.68 min Scan# 1090

Delta R.T. 0.00 min

Lab File: VU027385.D

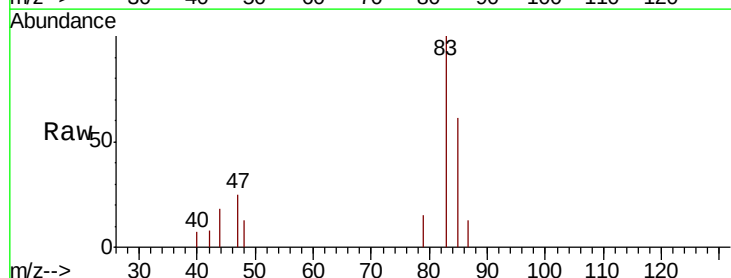
Acq: 04 Oct 2018 02:55

Tgt Ion: 83 Resp: 2940

Ion Ratio Lower Upper

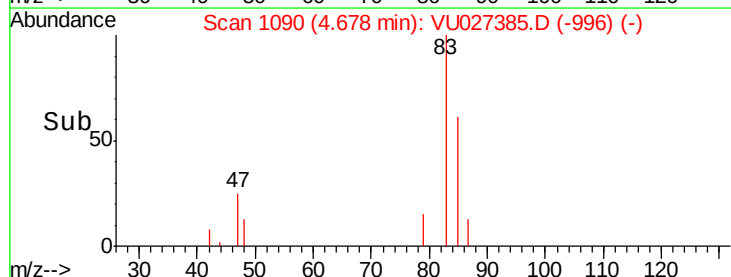
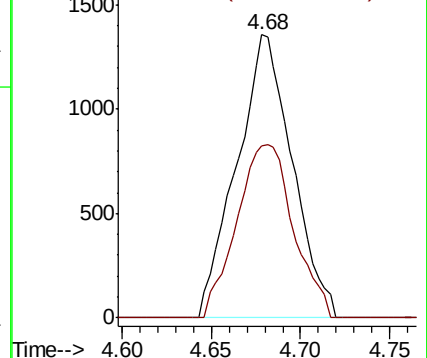
83 100

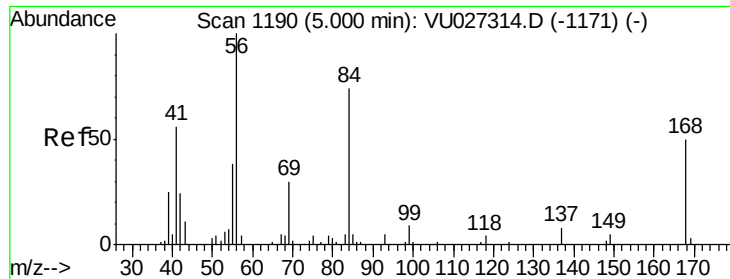
85 60.8 51.8 77.6



Abundance Ion 82.90 (82.60 to 83.60): VU0

Ion 84.90 (84.60 to 85.60): VU0

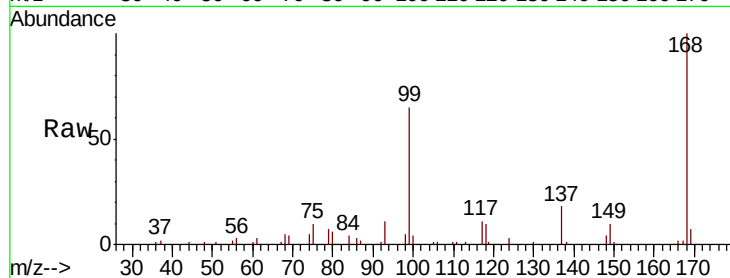




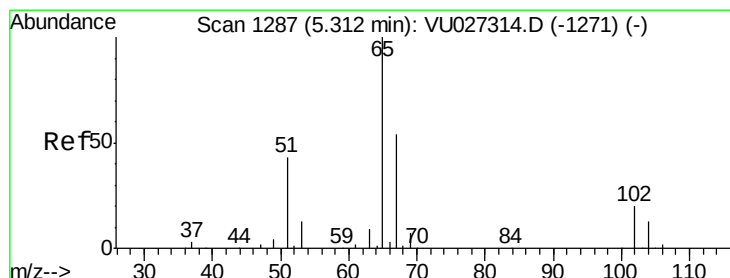
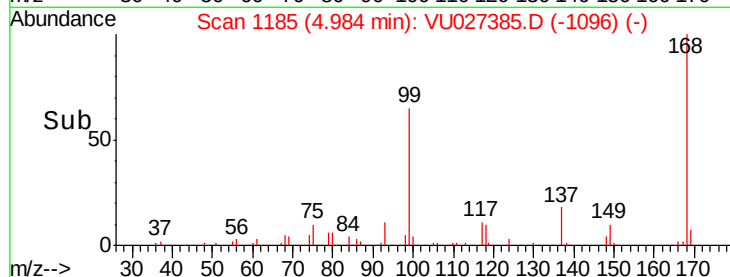
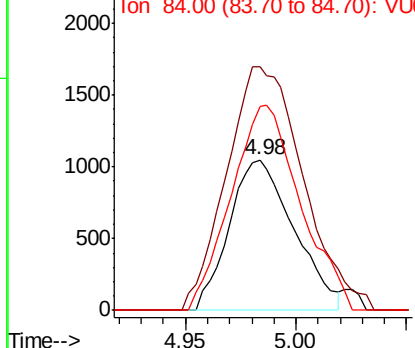
#31
Cyclohexane
Concen: 0.656 ug/l
RT: 4.98 min Scan# 1185
Delta R.T. -0.02 min
Lab File: VU027385.D
Acq: 04 Oct 2018 02:55

Instrument :
MSVOA_U
ClientSampled :

Tot Ion: 56 Resp: 2131
Ion Ratio Lower Upper
56 100
69 150.0 24.1 36.1#
84 135.0 59.1 88.7#

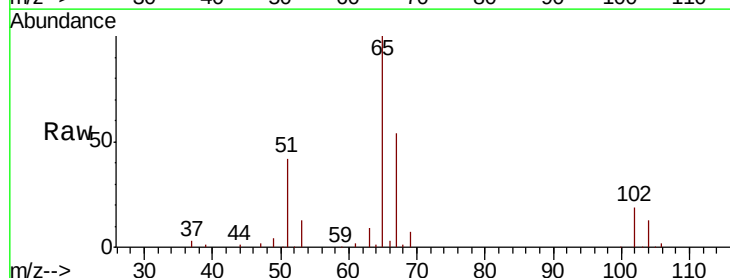


Abundance Ion 56.00 (55.70 to 56.70): VU0
Ion 69.00 (68.70 to 69.70): VU0
Ion 84.00 (83.70 to 84.70): VU0

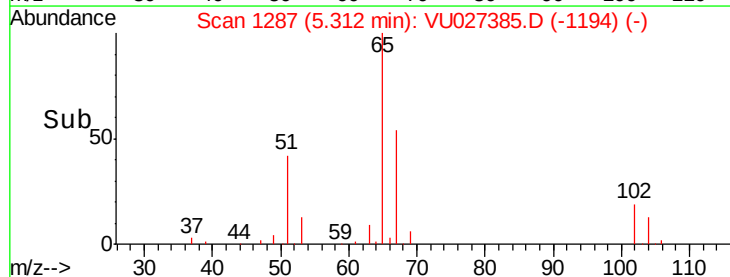
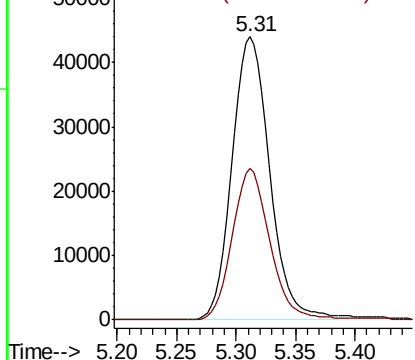


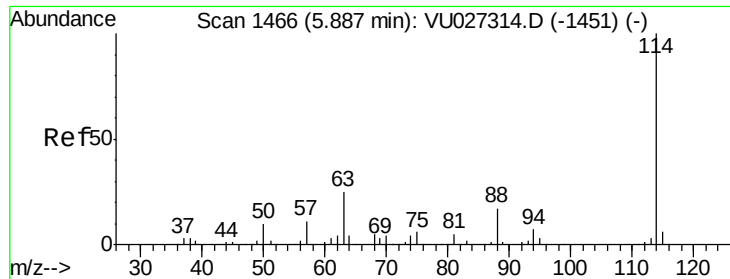
#33
1,2-Dichloroethane-d4
Concen: 64.876 ug/l
RT: 5.31 min Scan# 1287
Delta R.T. 0.00 min
Lab File: VU027385.D
Acq: 04 Oct 2018 02:55

Tgt Ion: 65 Resp: 96778
Ion Ratio Lower Upper
65 100
67 53.0 0.0 107.8



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

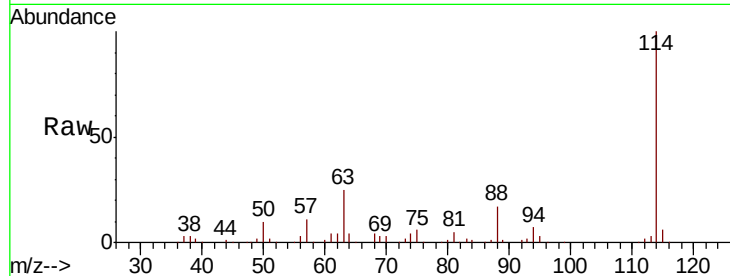




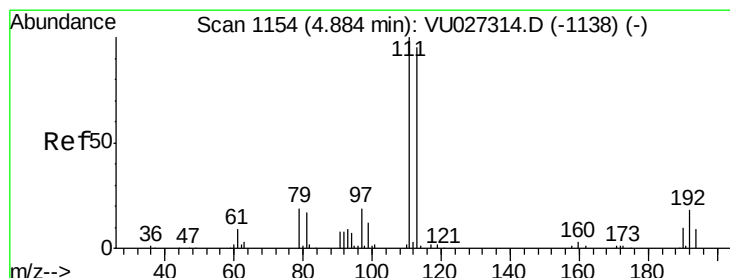
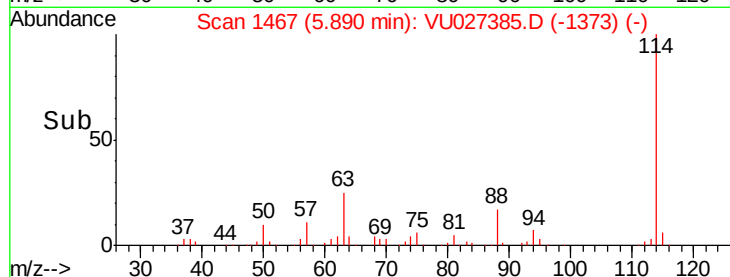
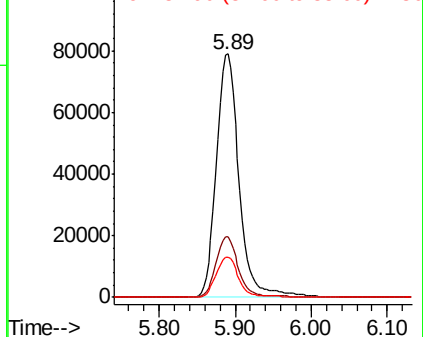
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1467
 Delta R.T. 0.00 min
 Lab File: VU027385.D
 Acq: 04 Oct 2018 02:55

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion:114 Resp: 164230
 Ion Ratio Lower Upper
 114 100
 63 24.9 0.0 50.2
 88 16.6 0.0 33.8

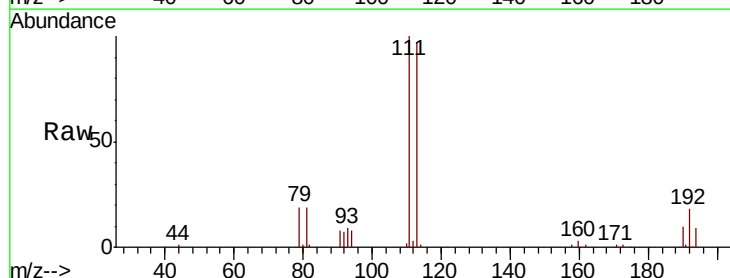


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VU0
 Ion 87.90 (87.60 to 88.60): VU0

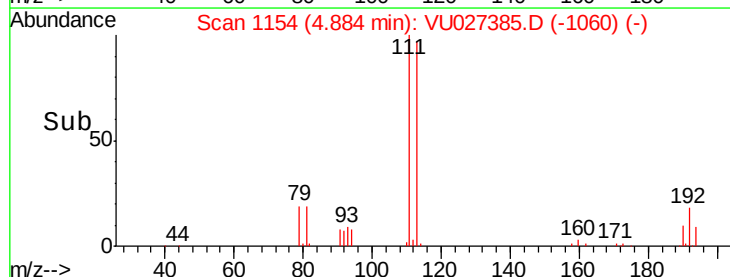
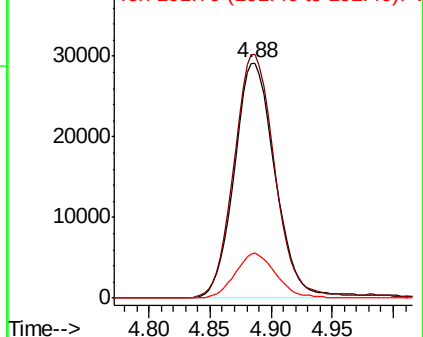


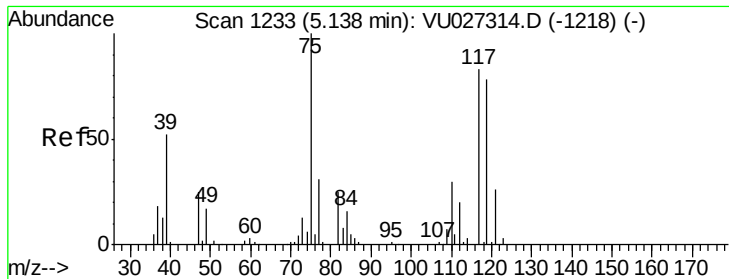
#35
 Dibromofluoromethane
 Concen: 59.889 ug/l
 RT: 4.88 min Scan# 1154
 Delta R.T. 0.00 min
 Lab File: VU027385.D
 Acq: 04 Oct 2018 02:55

Tgt Ion:113 Resp: 67406
 Ion Ratio Lower Upper
 113 100
 111 104.1 83.1 124.7
 192 19.1 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

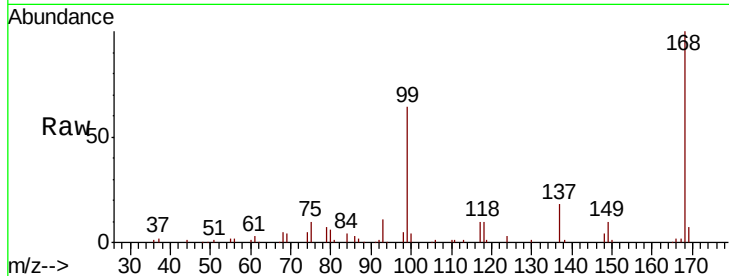




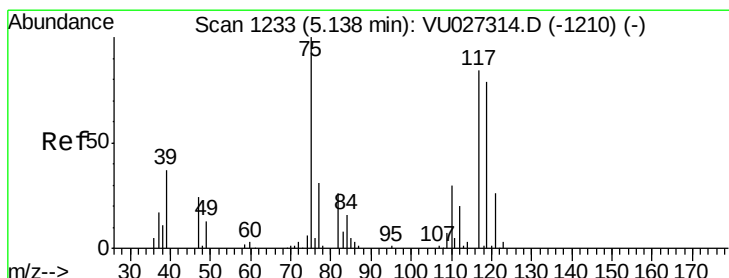
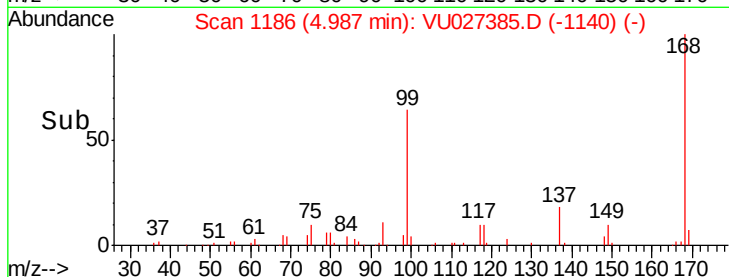
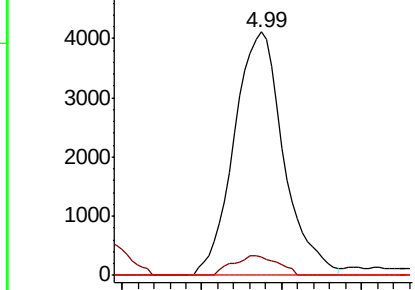
#36
 1,1-Dichloropropene
 Concen: 4.878 ug/l
 RT: 4.99 min Scan# 1186
 Delta R.T. -0.15 min
 Lab File: VU027385.D
 Acq: 04 Oct 2018 02:55

Instrument :
 MSVOA_U
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
75	100		
110	7.3	15.5	46.5#
77	0.0	25.4	38.0#

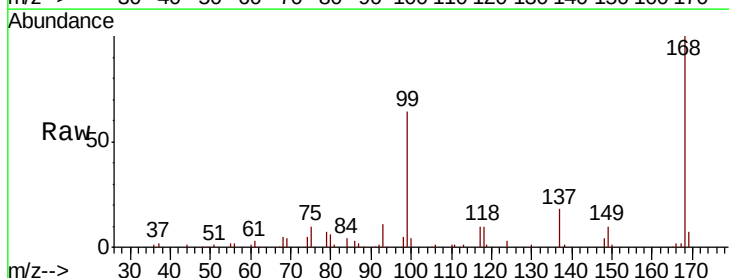


Abundance Ion 74.90 (74.60 to 75.60): VU027314.D (-1218) (-)
 Ion 109.90 (109.60 to 110.60): VU027314.D (-1218) (-)
 Ion 76.90 (76.60 to 77.60): VU027314.D (-1218) (-)

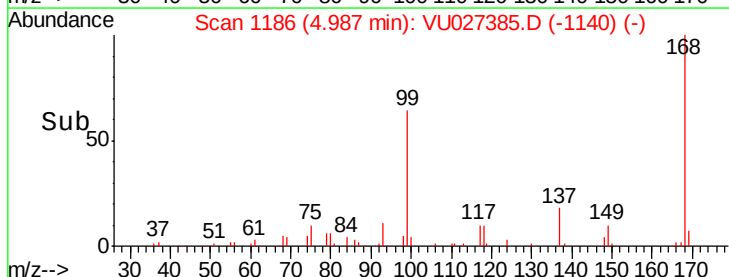
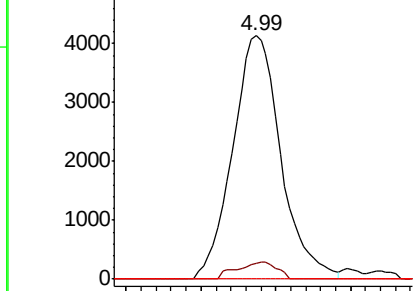


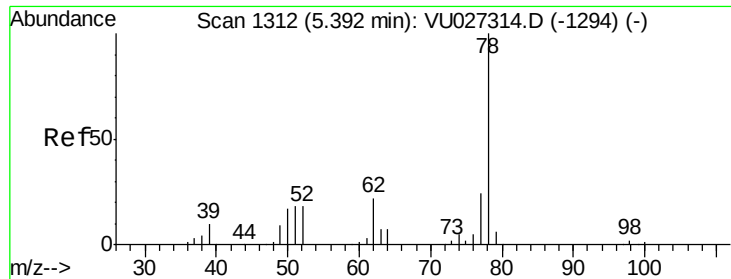
#38
 Carbon Tetrachloride
 Concen: 5.754 ug/l
 RT: 4.99 min Scan# 1186
 Delta R.T. -0.15 min
 Lab File: VU027385.D
 Acq: 04 Oct 2018 02:55

Tgt Ion	Ratio	Lower	Upper
117	100		
119	6.6	74.5	111.7#
121	0.0	24.6	37.0#



Abundance Ion 116.80 (116.50 to 117.50): VU027314.D (-1210) (-)
 Ion 118.80 (118.50 to 119.50): VU027314.D (-1210) (-)
 Ion 120.80 (120.50 to 121.50): VU027314.D (-1210) (-)





#40

Benzene

Concen: 1.846 ug/l

RT: 5.39 min Scan# 1312

Delta R.T. 0.00 min

Lab File: VU027385.D

Acq: 04 Oct 2018 02:55

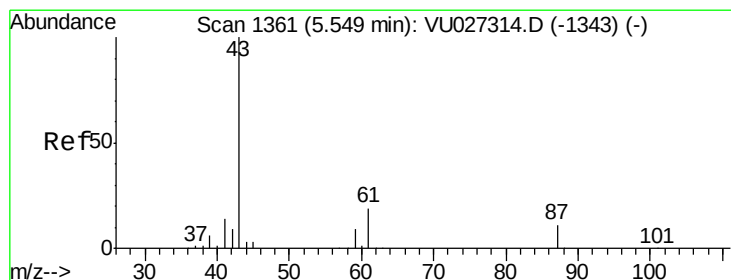
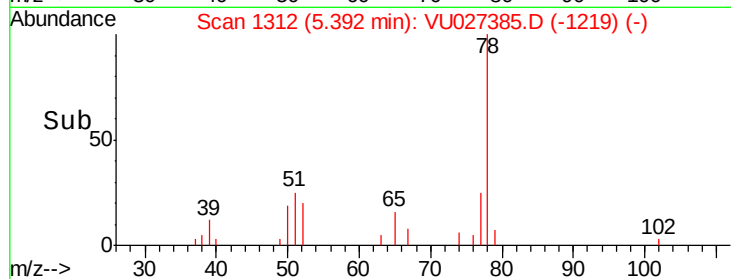
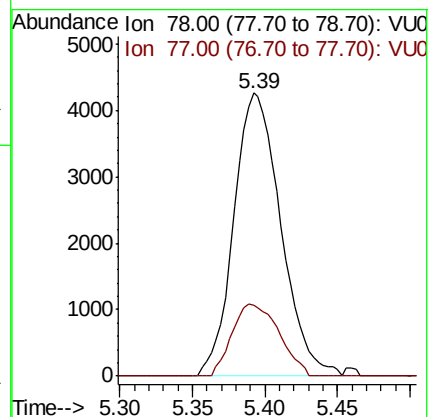
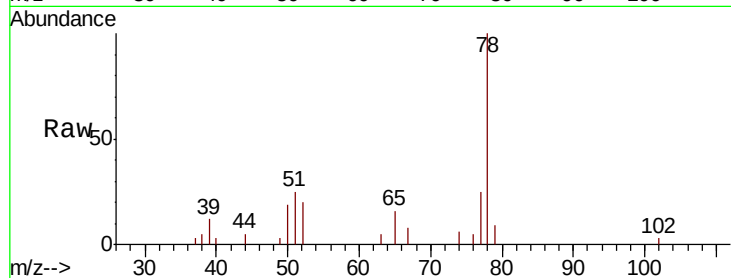
Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 78 Resp: 9589

Ion Ratio Lower Upper

78 100

77 25.2 19.3 28.9



#43

Isopropyl Acetate

Concen: 25.916 ug/l

RT: 5.55 min Scan# 1362

Delta R.T. 0.00 min

Lab File: VU027385.D

Acq: 04 Oct 2018 02:55

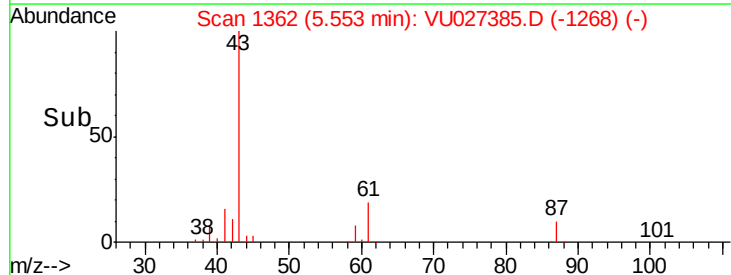
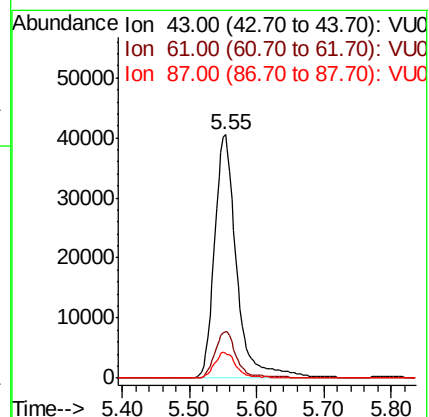
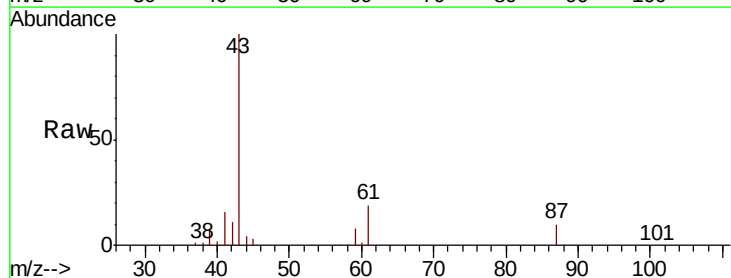
Tgt Ion: 43 Resp: 92761

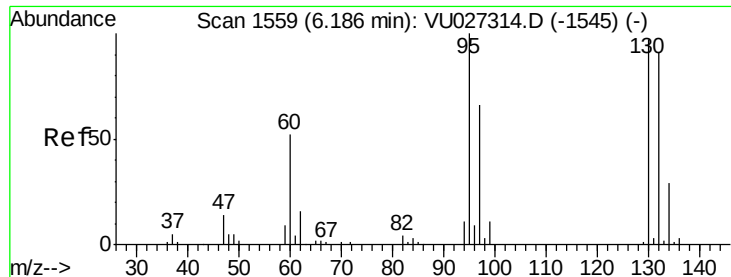
Ion Ratio Lower Upper

43 100

61 18.3 15.3 22.9

87 10.2 8.6 13.0





#44

Trichloroethene

Concen: 2.898 ug/l

RT: 6.19 min Scan# 1560

Delta R.T. 0.00 min

Lab File: VU027385.D

Acq: 04 Oct 2018 02:55

Instrument :

MSVOA_U

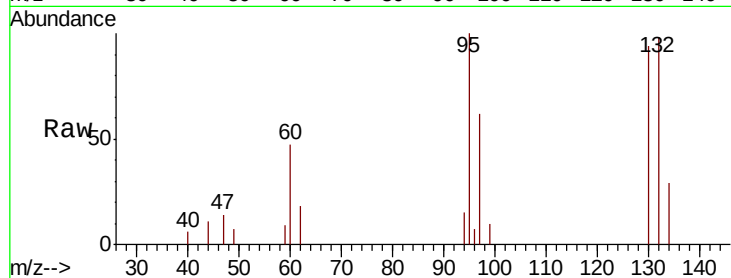
ClientSampleId :

Tot Ion:130 Resp: 3357

Ion Ratio Lower Upper

130 100

95 106.4 0.0 207.0



Abundance Ion 129.80 (129.50 to 130.50): VU027314.D (-1545) (-)

Ion 94.90 (94.60 to 95.60): VU027314.D (-1545) (-)

6.19

2000

1500

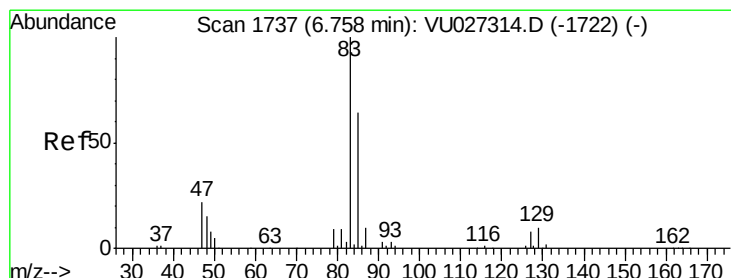
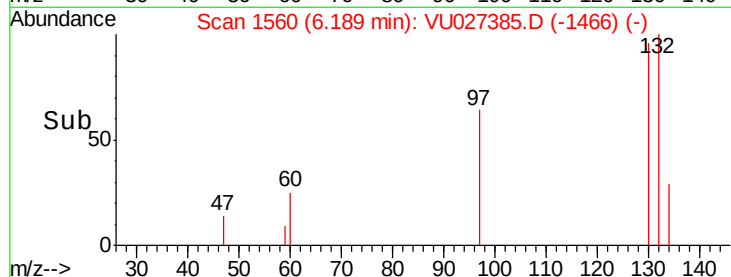
1000

500

0

6.15 6.20 6.25

Time-->



#47

Bromodichloromethane

Concen: 0.338 ug/l

RT: 6.76 min Scan# 1737

Delta R.T. 0.00 min

Lab File: VU027385.D

Acq: 04 Oct 2018 02:55

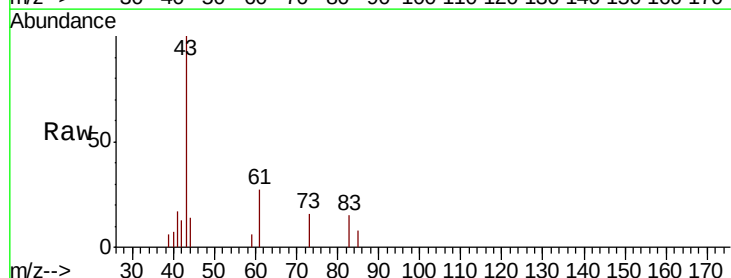
Tgt Ion: 83 Resp: 593

Ion Ratio Lower Upper

83 100

85 57.8 51.4 77.0

127 0.0 6.3 9.5#



Abundance Ion 82.90 (82.60 to 83.60): VU027314.D (-1722) (-)

Ion 84.90 (84.60 to 85.60): VU027314.D (-1722) (-)

Ion 126.80 (126.50 to 127.50): VU027314.D (-1722) (-)

6.76

500

400

300

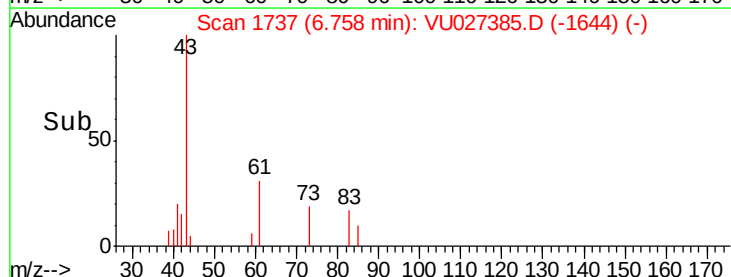
200

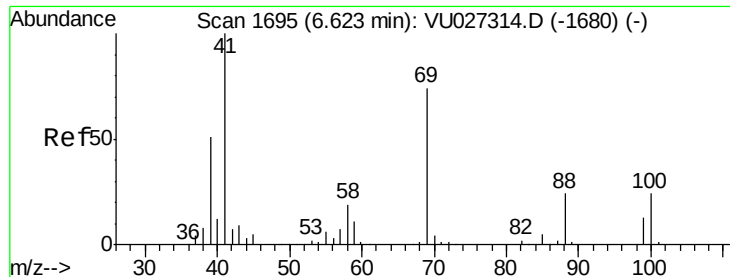
100

0

6.72 6.74 6.76 6.78 6.80

Time-->

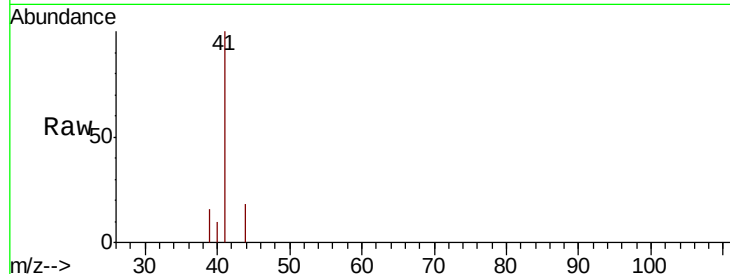




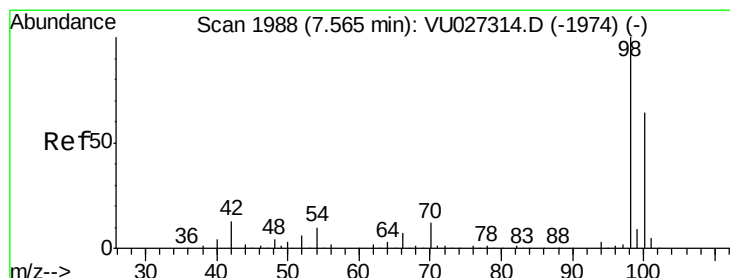
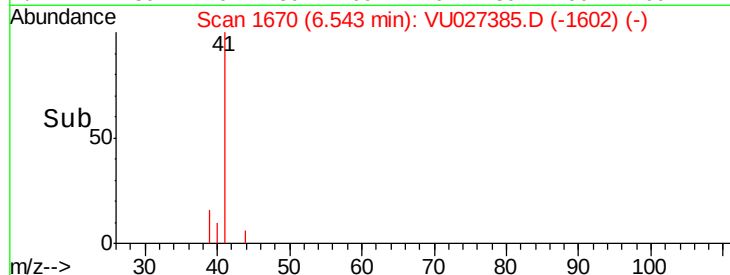
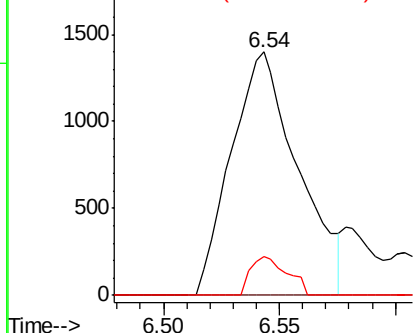
#48
Methyl methacrylate
Concen: 1.575 ug/l
RT: 6.54 min Scan# 1670
Delta R.T. -0.08 min
Lab File: VU027385.D
Acq: 04 Oct 2018 02:55

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 41 Resp: 2804
Ion Ratio Lower Upper
41 100
69 0.0 61.0 91.4#
39 8.7 39.9 59.9#

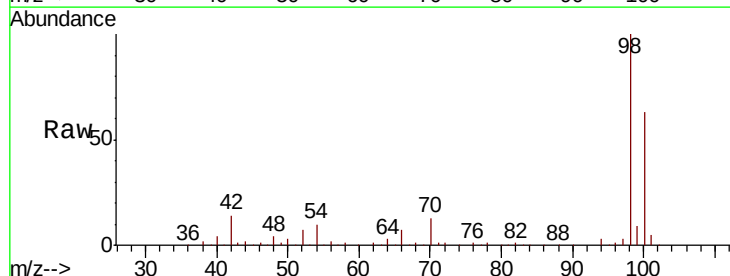


Abundance Ion 41.00 (40.70 to 41.70): VU0
Ion 69.00 (68.70 to 69.70): VU0
Ion 39.00 (38.70 to 39.70): VU0

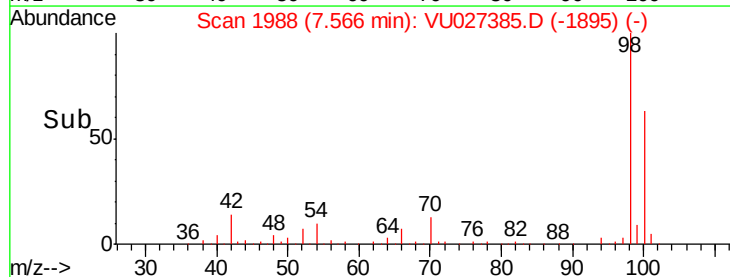
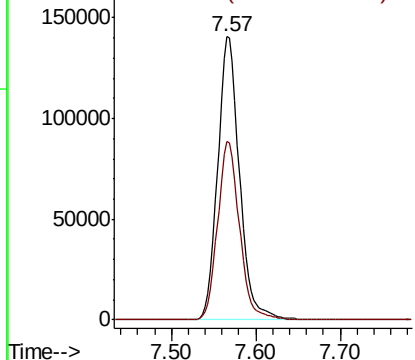


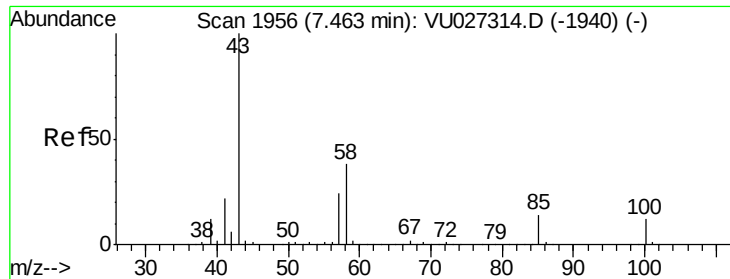
#50
Toluene-d8
Concen: 60.089 ug/l
RT: 7.57 min Scan# 1988
Delta R.T. 0.00 min
Lab File: VU027385.D
Acq: 04 Oct 2018 02:55

Tgt Ion: 98 Resp: 253124
Ion Ratio Lower Upper
98 100
100 63.0 52.1 78.1



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





#51

4-Methyl-2-Pentanone

Concen: 0.338 ug/l

RT: 7.47 min Scan# 1959

Delta R.T. 0.01 min

Lab File: VU027385.D

Acq: 04 Oct 2018 02:55

Instrument :

MSVOA_U

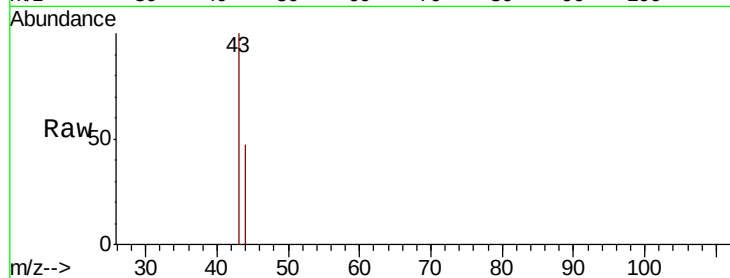
ClientSampled :

Tot Ion: 43 Resp: 787

Ion Ratio Lower Upper

43 100

58 0.0 29.8 44.8#



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

800

600

400

200

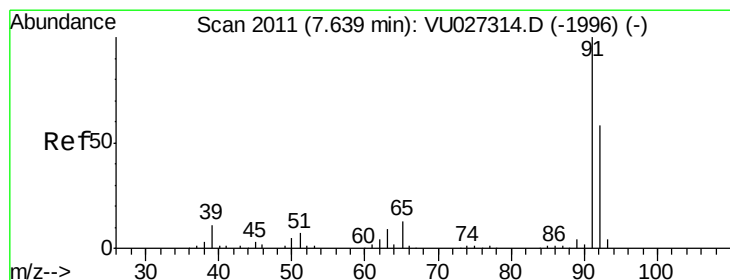
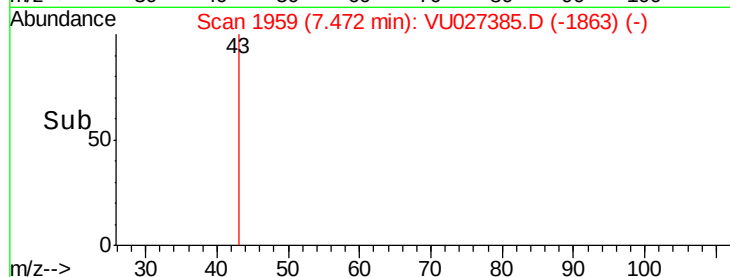
0

7.45

7.47

7.50

Time-->



#52

Toluene

Concen: 0.747 ug/l

RT: 7.64 min Scan# 2010

Delta R.T. -0.00 min

Lab File: VU027385.D

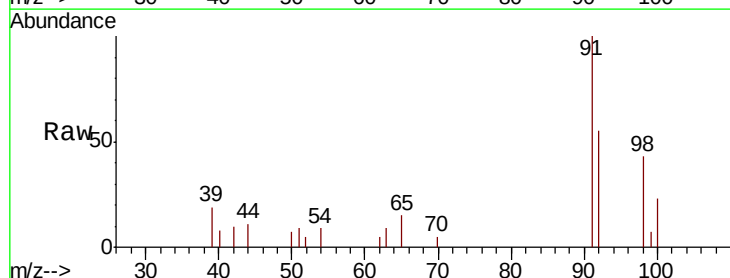
Acq: 04 Oct 2018 02:55

Tgt Ion: 92 Resp: 2297

Ion Ratio Lower Upper

92 100

91 181.9 138.6 208.0



Abundance Ion 92.00 (91.70 to 92.70): VU0

Ion 91.00 (90.70 to 91.70): VU0

2500

2000

1500

1000

500

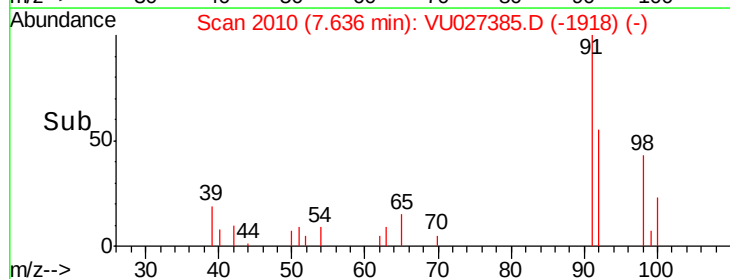
0

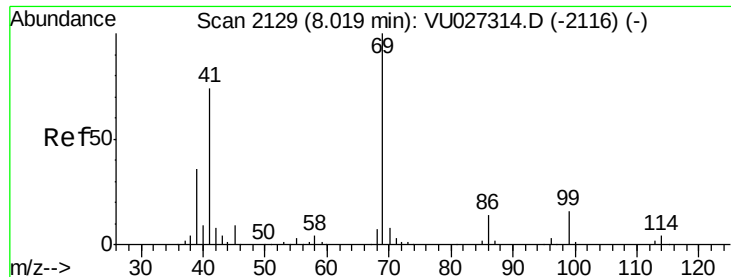
7.60

7.64

7.70

Time-->





#56

Ethyl methacrylate

Concen: 2.314 ug/l

RT: 7.81 min Scan# 2064

Delta R.T. -0.21 min

Lab File: VU027385.D

Acq: 04 Oct 2018 02:55

Instrument :

MSVOA_U

ClientSampleId :

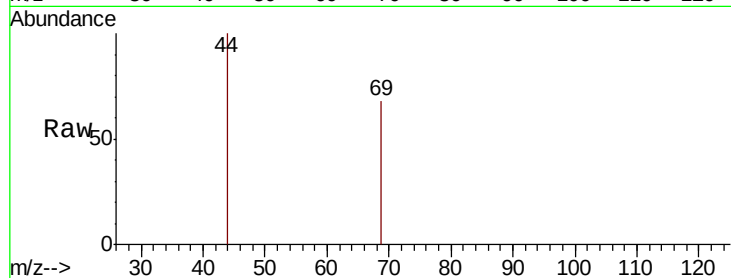
Tot Ion: 69 Resp: 103

Ion Ratio Lower Upper

69 100

41 38.8 60.0 90.0#

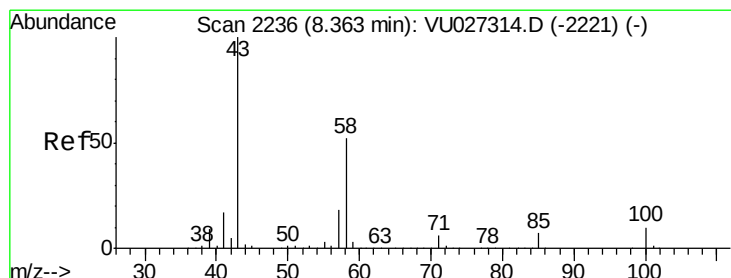
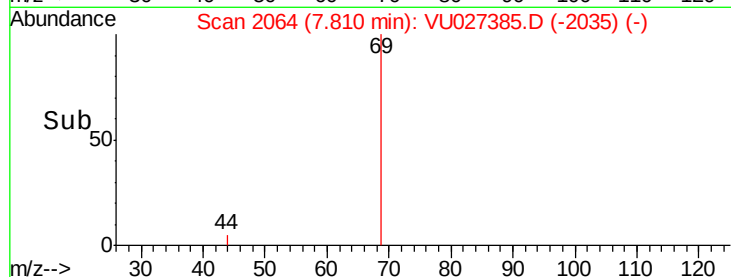
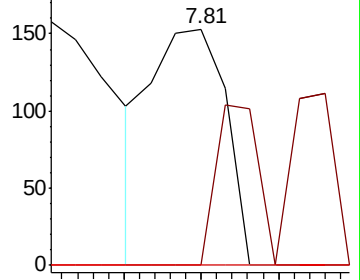
39 0.0 29.5 44.3#



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: 3.122 ug/l

RT: 8.42 min Scan# 2253

Delta R.T. 0.05 min

Lab File: VU027385.D

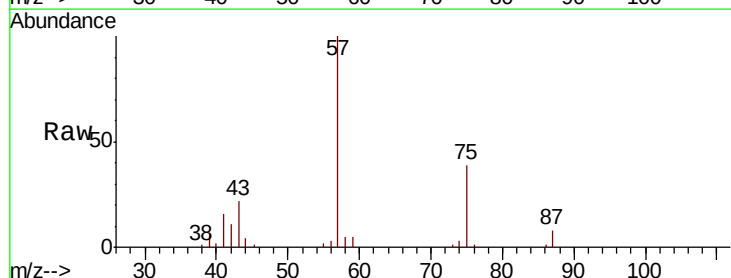
Acq: 04 Oct 2018 02:55

Tgt Ion: 43 Resp: 5632

Ion Ratio Lower Upper

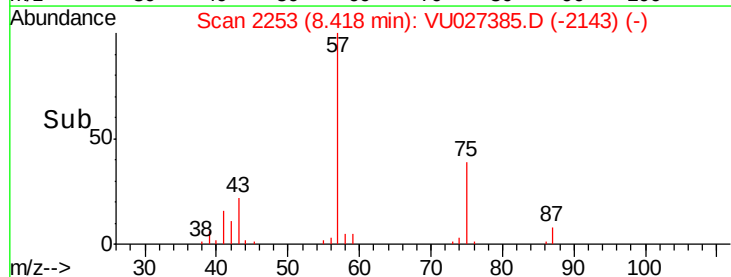
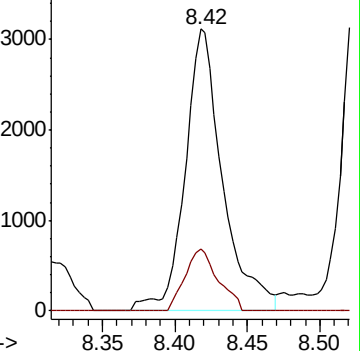
43 100

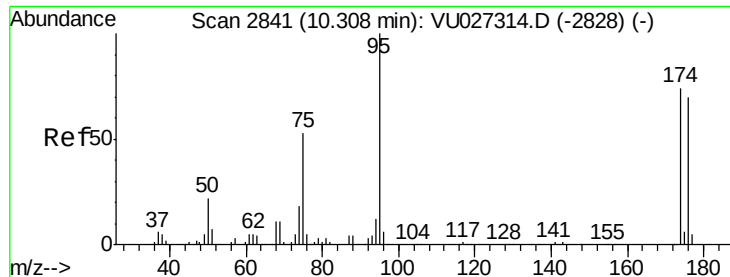
58 19.2 26.1 78.3#



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0





#62

4-Bromofluorobenzene

Concen: 54.648 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. 0.00 min

Lab File: VU027385.D

Acq: 04 Oct 2018 02:55

Instrument :

MSVOA_U

ClientSampleId :

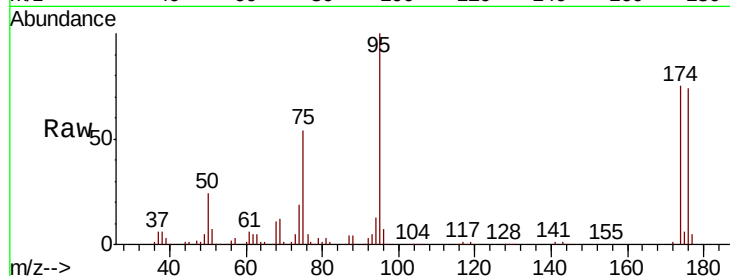
Tot Ion: 95 Resp: 85553

Ion Ratio Lower Upper

95 100

174 74.0 0.0 147.8

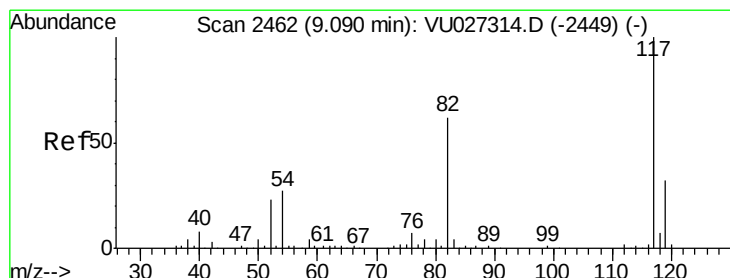
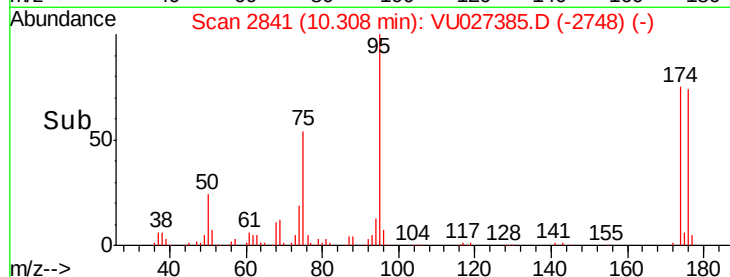
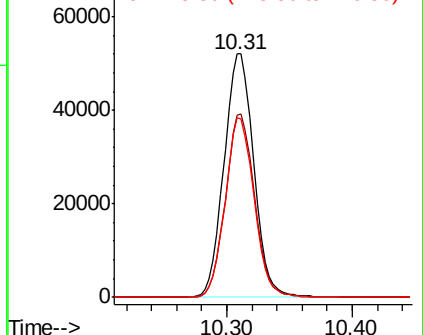
176 71.6 0.0 140.8



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



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.09 min Scan# 2463

Delta R.T. 0.00 min

Lab File: VU027385.D

Acq: 04 Oct 2018 02:55

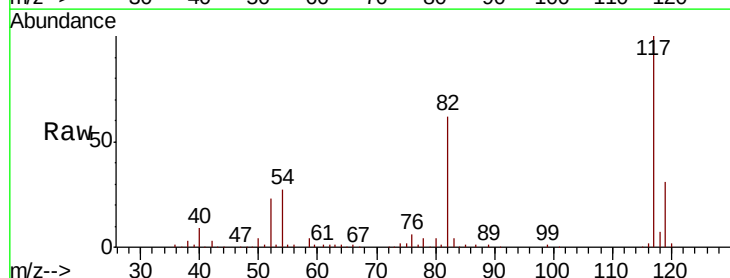
Tgt Ion: 117 Resp: 157450

Ion Ratio Lower Upper

117 100

82 61.6 49.2 73.8

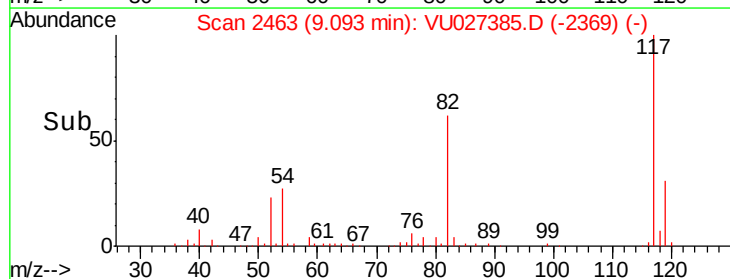
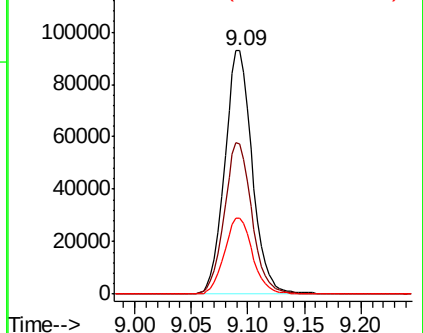
119 31.4 25.7 38.5

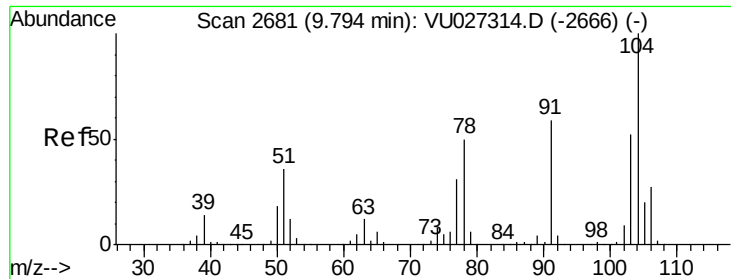


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VU0

Ion 118.90 (118.60 to 119.60): V

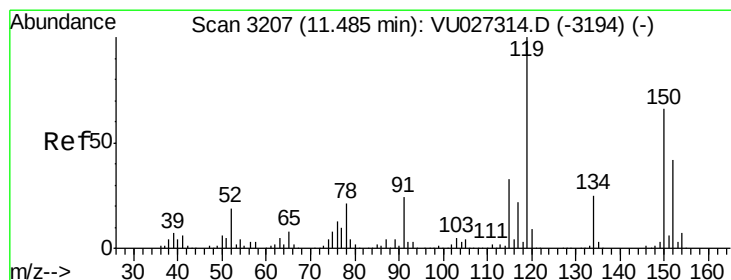
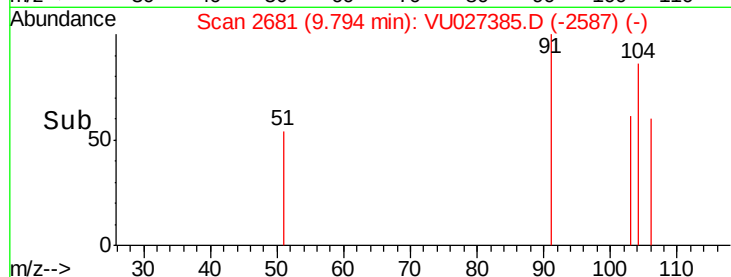
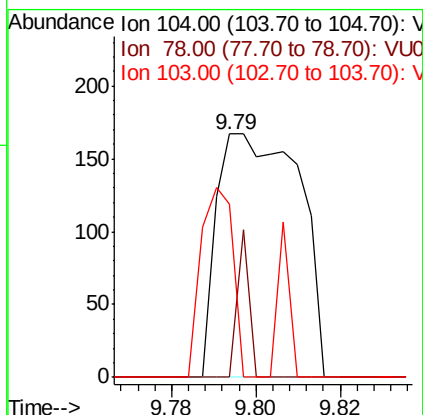
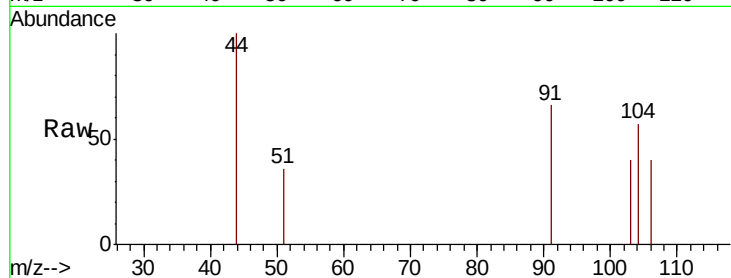




#70
Stvrene
Concen: 2.356 ug/l
RT: 9.79 min Scan# 2681
Delta R.T. 0.00 min
Lab File: VU027385.D
Acq: 04 Oct 2018 02:55

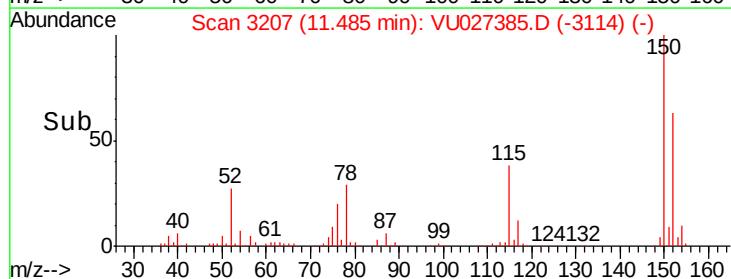
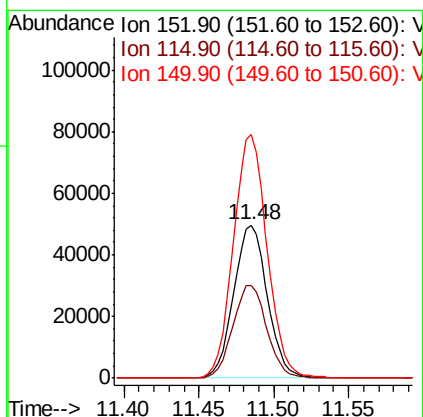
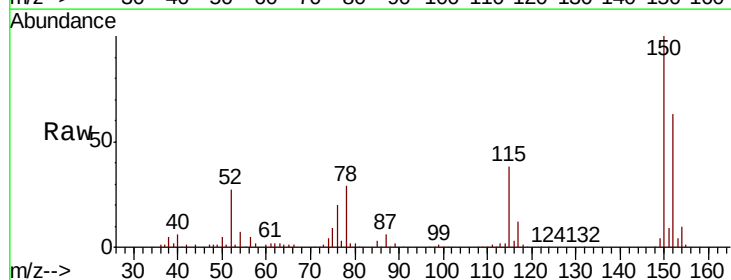
Instrument :
MSVOA_U
ClientSampled :

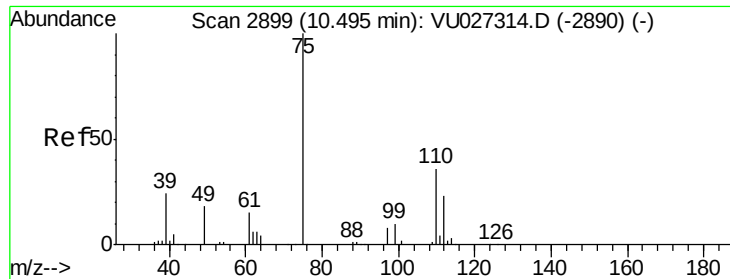
Tot Ion:104 Resp: 226
Ion Ratio Lower Upper
104 100
78 8.4 42.9 64.3#
103 30.1 43.9 65.9#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.48 min Scan# 3207
Delta R.T. 0.00 min
Lab File: VU027385.D
Acq: 04 Oct 2018 02:55

Tgt Ion:152 Resp: 77950
Ion Ratio Lower Upper
152 100
115 61.3 43.4 130.2
150 159.2 0.0 349.2





#76

1,2,3-Trichloropropane

Concen: 22.775 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. -0.19 min

Lab File: VU027385.D

Acq: 04 Oct 2018 02:55

Instrument :

MSVOA_U

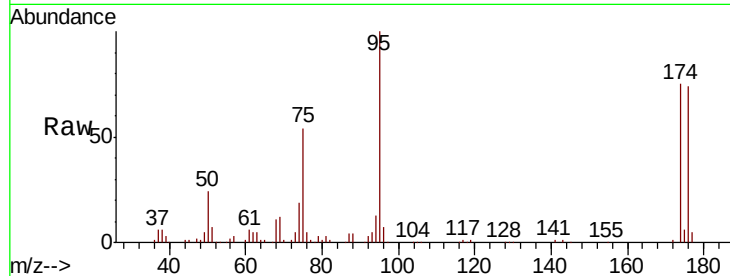
ClientSampleId :

Tot Ion: 75 Resp: 46021

Ion Ratio Lower Upper

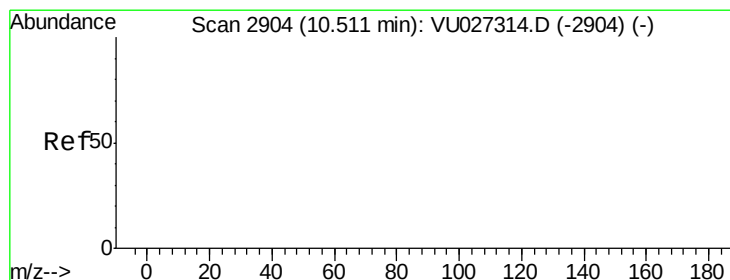
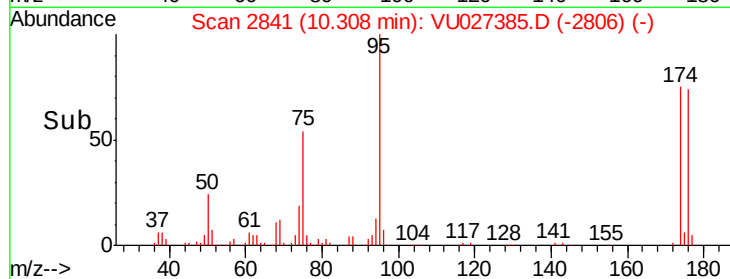
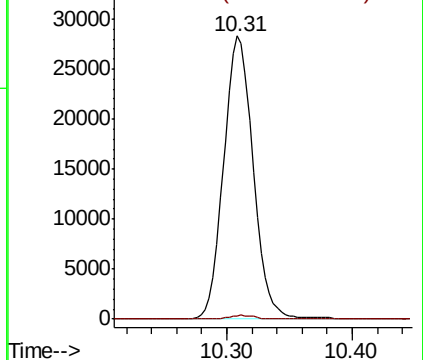
75 100

77 1.0 20.3 60.9#



Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 77.00 (76.70 to 77.70): VU0



#81

trans-1,4-Dichloro-2-butene

Concen: 59.606 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. -0.20 min

Lab File: VU027385.D

Acq: 04 Oct 2018 02:55

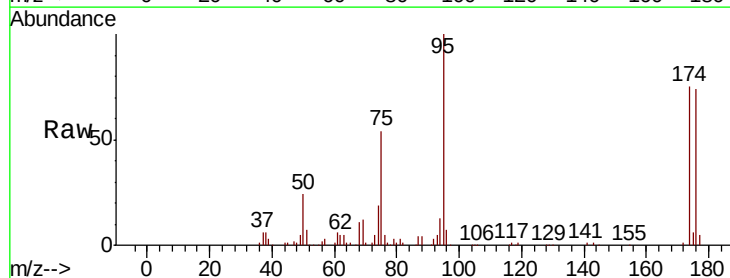
Tgt Ion: 75 Resp: 46021

Ion Ratio Lower Upper

75 100

53 0.2 0.0 0.0#

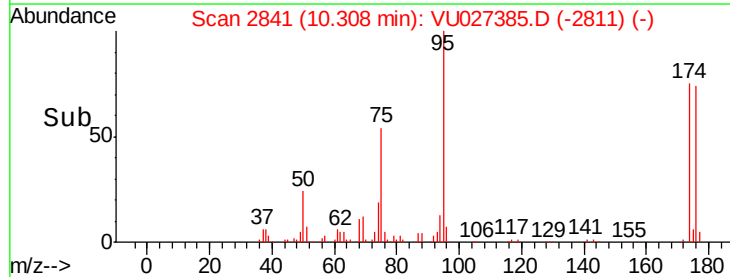
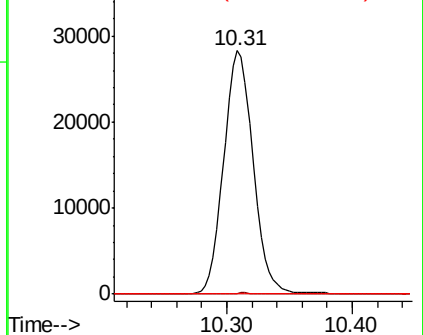
89 0.0 0.0 0.0

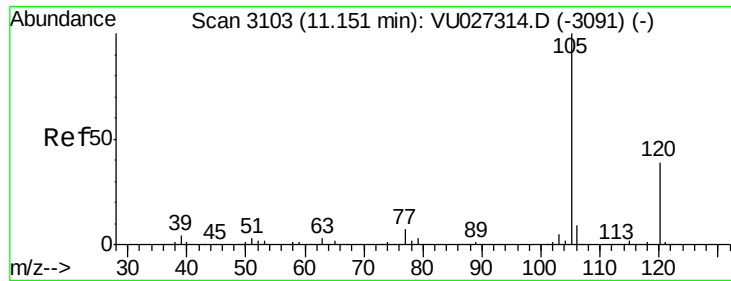


Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 53.00 (52.70 to 53.70): VU0

Ion 88.90 (88.60 to 89.60): VU0

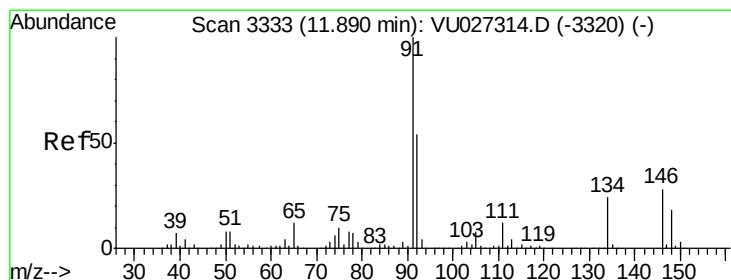
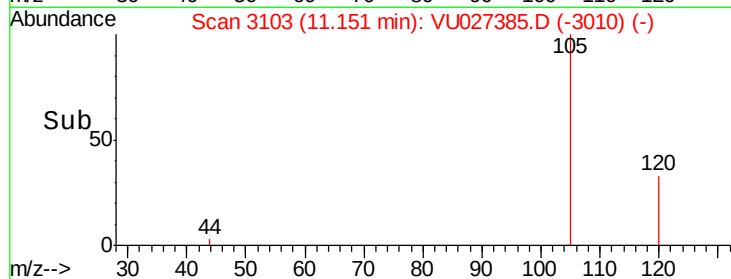
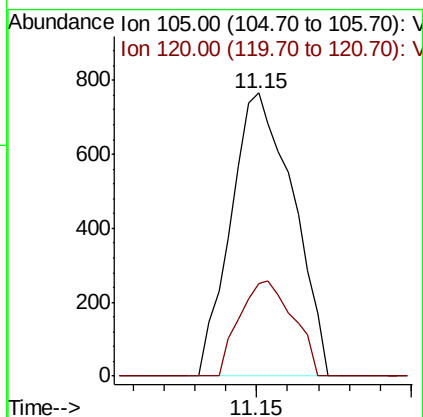
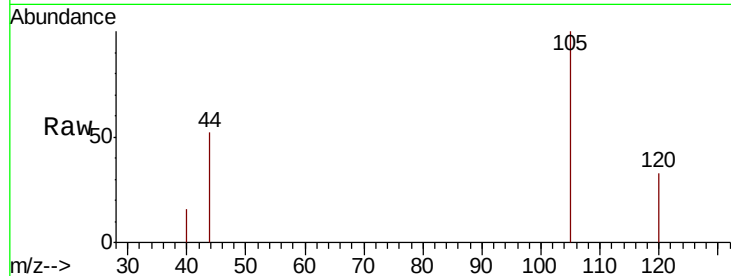




#84
 1,2,4-Trimethylbenzene
 Concen: 0.228 ug/l
 RT: 11.15 min Scan# 3103
 Delta R.T. 0.00 min
 Lab File: VU027385.D
 Acq: 04 Oct 2018 02:55

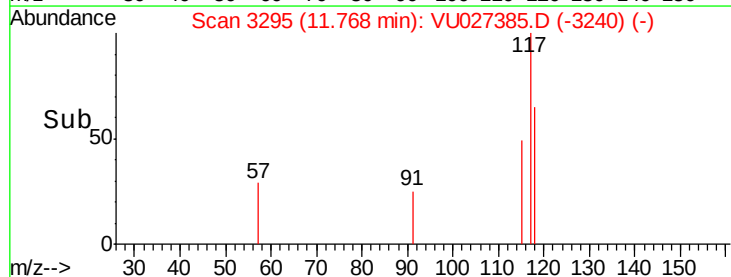
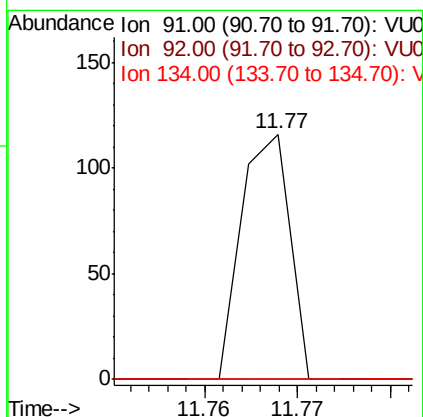
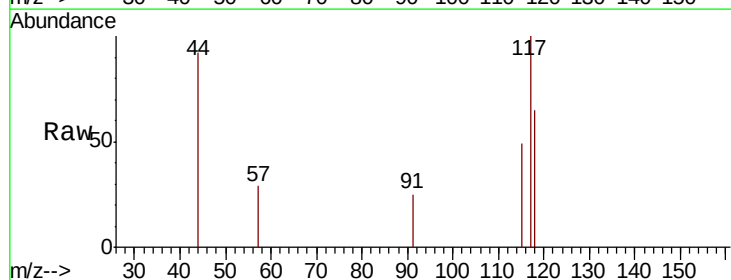
Instrument :
 MSVOA_U
 ClientSampleId :

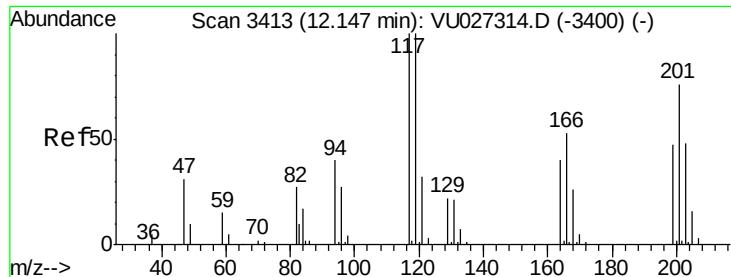
Tot Ion:105 Resp: 1073
 Ion Ratio Lower Upper
 105 100
 120 29.1 22.1 66.5



#89
 n-Butylbenzene
 Concen: 1.957 ug/l
 RT: 11.77 min Scan# 3295
 Delta R.T. -0.12 min
 Lab File: VU027385.D
 Acq: 04 Oct 2018 02:55

Tgt Ion: 91 Resp: 42
 Ion Ratio Lower Upper
 91 100
 92 0.0 27.0 81.0#
 134 0.0 11.7 35.1#

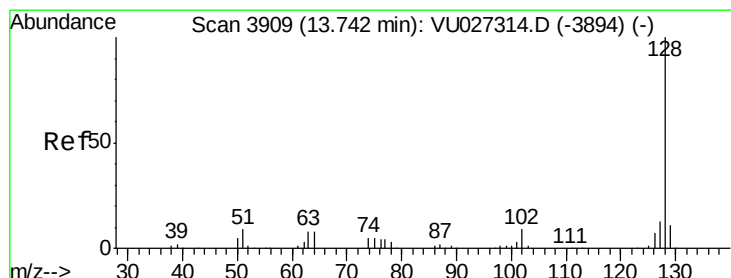
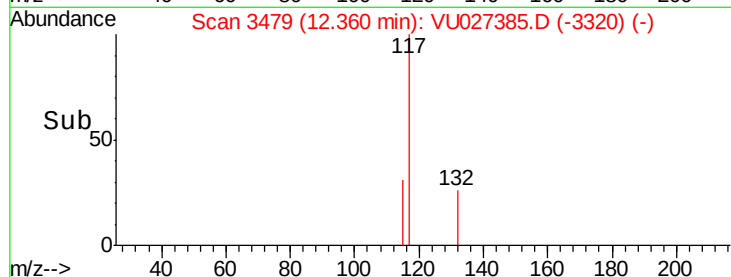
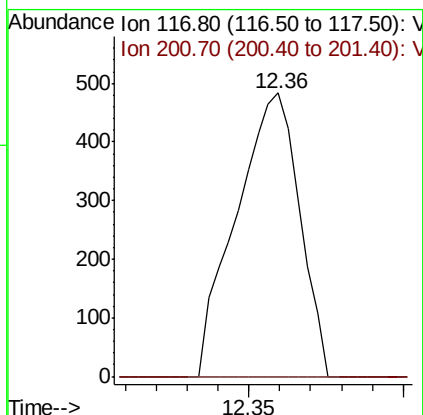
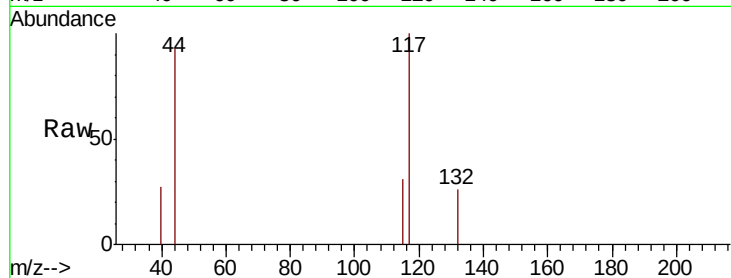




#90
Hexachloroethane
Concen: 0.758 ug/l
RT: 12.36 min Scan# 3479
Delta R.T. 0.21 min
Lab File: VU027385.D
Acq: 04 Oct 2018 02:55

Instrument :
MSVOA_U
ClientSampled :

Tot Ion:117 Resp: 687
Ion Ratio Lower Upper
117 100
201 0.0 37.9 113.6#



#95
Naphthalene
Concen: 4.796 ug/l
RT: 13.75 min Scan# 3910
Delta R.T. 0.00 min
Lab File: VU027385.D
Acq: 04 Oct 2018 02:55

Tgt Ion:128 Resp: 19116
Ion Ratio Lower Upper
128 100
127 13.4 10.5 15.7
129 10.6 8.6 12.8

