

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U121718\
 Data File : VU028751.D
 Acq On : 18 Dec 2018 04:23
 Operator : MD/SY
 Sample : J6411-18
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 18 07:39:43 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U120618W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 07 00:39:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	87724	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.88	114	154067	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	140535	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	61188	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.31	65	70130	52.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.78%	
35) Dibromofluoromethane	4.88	113	52435	54.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.16%	
50) Toluene-d8	7.57	98	199708	52.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.14%	
62) 4-Bromofluorobenzene	10.31	95	71452	49.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.68%	

Target Compounds

					Qvalue
3) Chloromethane	1.33	50	1316	0.609 ug/l	98
6) Chloroethane	1.96	64	355	0.402 ug/l #	43
11) Tert butyl alcohol	2.82	59	4137	13.870 ug/l #	94
14) Allyl chloride	2.83	41	953	0.412 ug/l #	43
16) Acetone	2.32	43	11789	13.495 ug/l	92
17) Carbon Disulfide	2.48	76	2575	0.732 ug/l #	89
18) Methyl Acetate	2.62	43	1506	0.665 ug/l #	62
20) Methylene Chloride	2.70	84	309	0.240 ug/l #	63
25) 2-Butanone	4.28	43	5664	4.744 ug/l	97
31) Cyclohexane	4.99	56	3596	0.379 ug/l #	55
36) 1,1-Dichloropropene	4.98	75	7579	4.495 ug/l #	49
37) Ethyl Acetate	4.28	43	5664	2.599 ug/l #	70
38) Carbon Tetrachloride	4.98	117	8756	6.444 ug/l #	14
39) Methylcyclohexane	6.42	83	2126	1.034 ug/l	91
40) Benzene	5.39	78	7276	1.465 ug/l	92
43) Isopropyl Acetate	5.79	43	6773	1.965 ug/l #	62
51) 4-Methyl-2-Pentanone	7.47	43	1251	0.575 ug/l #	70
55) 1,1,2-Trichloroethane	8.04	97	4626	4.005 ug/l #	17
56) Ethyl methacrylate	8.04	69	1121	0.567 ug/l #	1
59) 2-Hexanone	8.32	43	4531	2.629 ug/l #	26
67) Ethyl Benzene	9.25	91	5172	0.939 ug/l	100
68) m/p-Xylenes	9.38	106	14052	7.015 ug/l	98
69) o-Xylene	9.78	106	2224	1.142 ug/l	97
73) Isopropylbenzene	10.17	105	997349	212.420 ug/l	100
74) N-amyl acetate	10.04	43	17682	6.529 ug/l #	1
75) 1,1,2,2-Tetrachloroethane	10.49	83	11289	6.259 ug/l #	39
76) 1,2,3-Trichloropropane	10.58	75	9501	6.081 ug/l #	1
78) n-propylbenzene	10.58	91	1648481	282.555 ug/l	99
79) 2-Chlorotoluene	10.58	91	1648481	490.527 ug/l #	43
80) 1,3,5-Trimethylbenzene	10.70	105	142827	36.749 ug/l	72
81) trans-1,4-Dichloro-2-buten	10.58	75	9501	15.318 ug/l #	100
82) 4-Chlorotoluene	10.58	91	1648481	413.942 ug/l #	47
83) tert-Butylbenzene	11.10	119	96026	25.634 ug/l	89
84) 1,2,4-Trimethylbenzene	11.15	105	1135209	283.421 ug/l	99

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Quant Title : SW846 8260
QLast Update : Fri Dec 07 00:39:42 2018
Response via : Initial Calibration

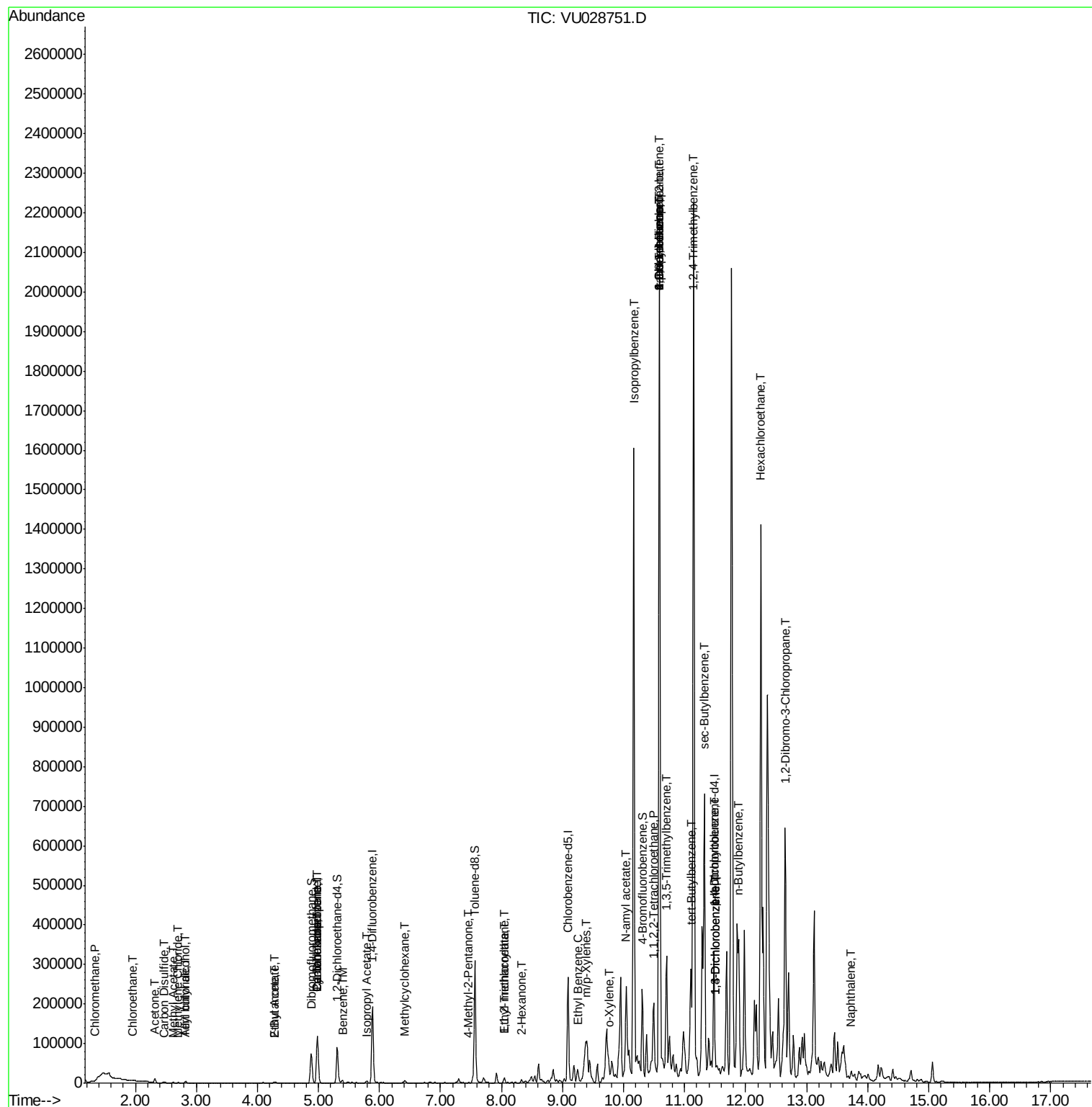
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
85) sec-Butylbenzene	11.32	105	439795	91.386	ug/l	100
86) p-Isopropyltoluene	11.48	119	33752	8.256	ug/l	99
87) 1,3-Dichlorobenzene	11.51	146	758	0.366	ug/l	85
88) 1,4-Dichlorobenzene	11.51	146	758	0.353	ug/l	84
89) n-Butylbenzene	11.89	91	198674	48.020	ug/l #	79
90) Hexachloroethane	12.25	117	67467	109.188	ug/l #	11
92) 1,2-Dibromo-3-Chloropropan	12.65	75	2863	7.332	ug/l #	6
95) Naphthalene	13.74	128	5354	1.076	ug/l #	79

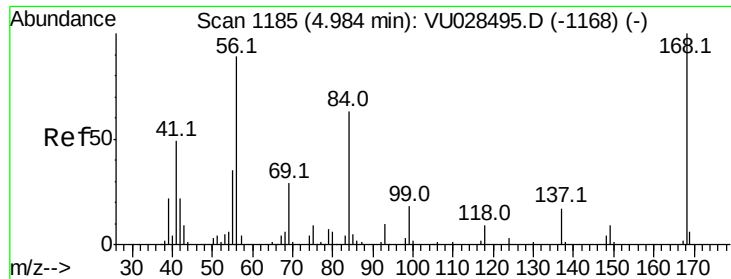
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.98 min Scan# 1185

Delta R.T. 0.00 min

Lab File: VU028751.D

Acq: 18 Dec 2018 04:23

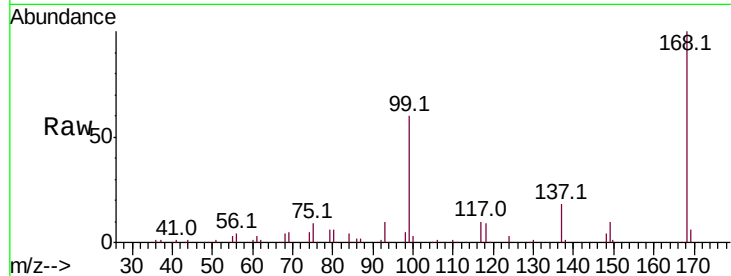
Instrument :
MSVOA_U
ClientSampleId :

Tot Ion:168 Resp: 87724

Ion Ratio Lower Upper

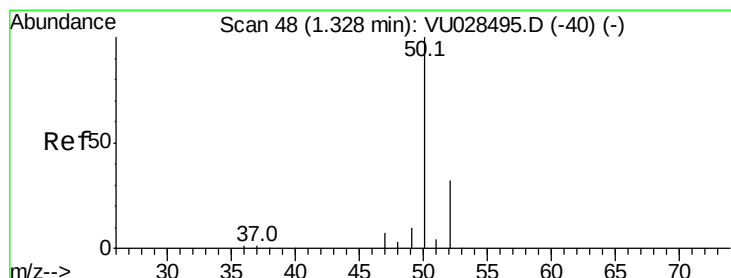
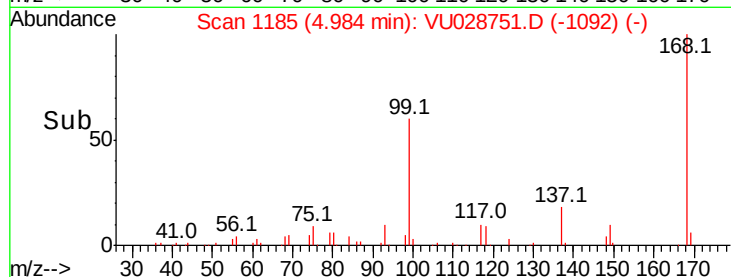
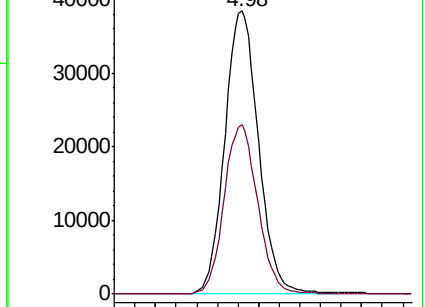
168 100

99 59.9 46.6 69.8



Abundance Ion 167.90 (167.60 to 168.60): VU028495.D (-1168) (-)

Ion 98.90 (98.60 to 99.60): VU028495.D (-1168) (-)



#3

Chloromethane

Concen: 0.609 ug/l

RT: 1.33 min Scan# 48

Delta R.T. 0.00 min

Lab File: VU028751.D

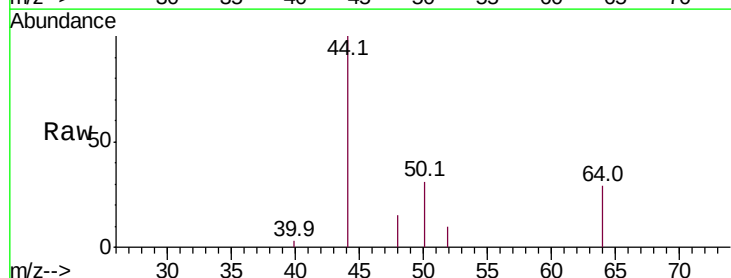
Acq: 18 Dec 2018 04:23

Tgt Ion: 50 Resp: 1316

Ion Ratio Lower Upper

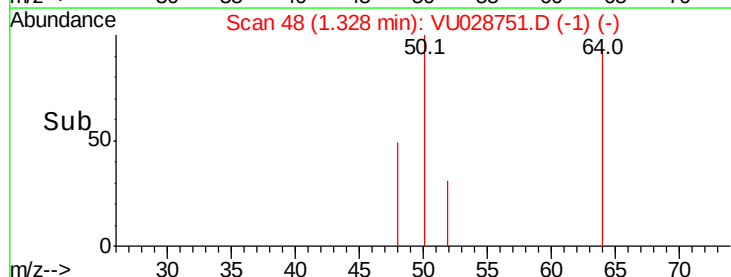
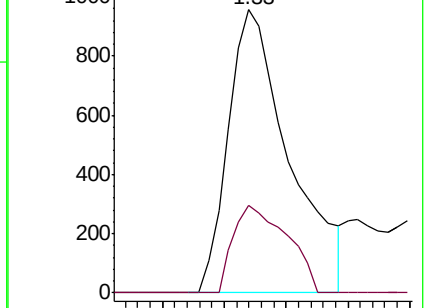
50 100

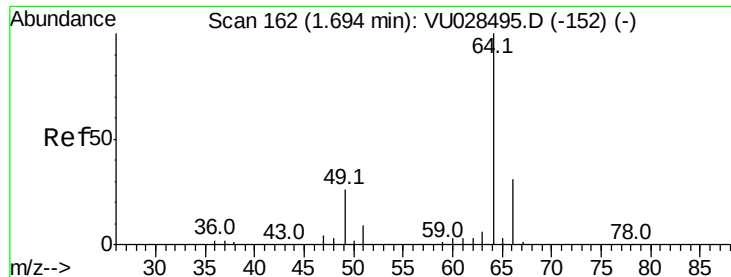
52 30.9 25.5 38.3



Abundance Ion 49.90 (49.60 to 50.60): VU028495.D (-40) (-)

Ion 51.90 (51.60 to 52.60): VU028495.D (-40) (-)





#6

Chloroethane

Concen: 0.402 ug/l

RT: 1.96 min Scan# 245

Delta R.T. 0.27 min

Lab File: VU028751.D

Acq: 18 Dec 2018 04:23

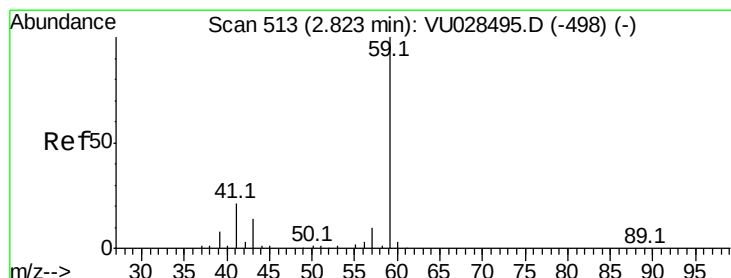
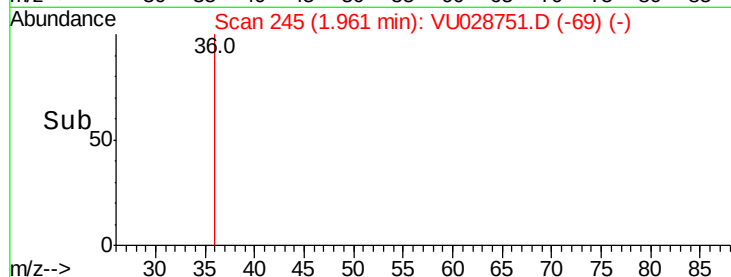
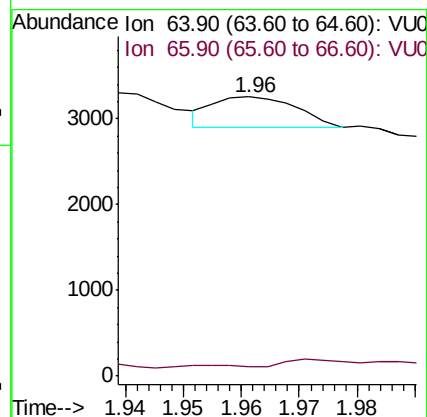
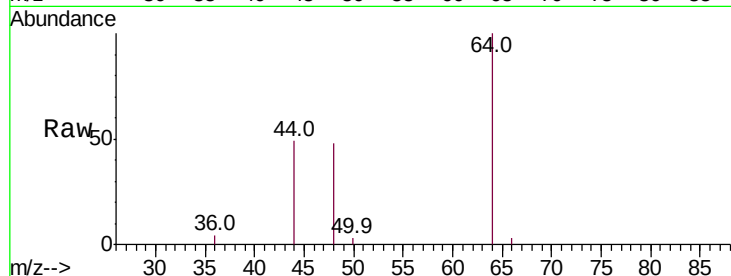
Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 64 Resp: 355

Ion Ratio Lower Upper

64 100

66 0.0 25.0 37.6#



#11

Tert butyl alcohol

Concen: 13.870 ug/l

RT: 2.82 min Scan# 513

Delta R.T. 0.00 min

Lab File: VU028751.D

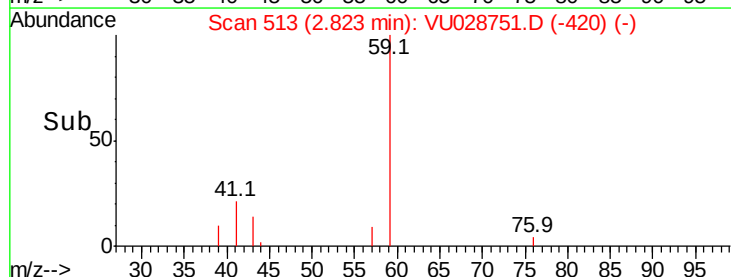
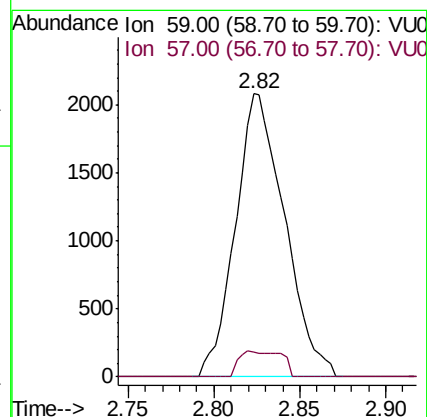
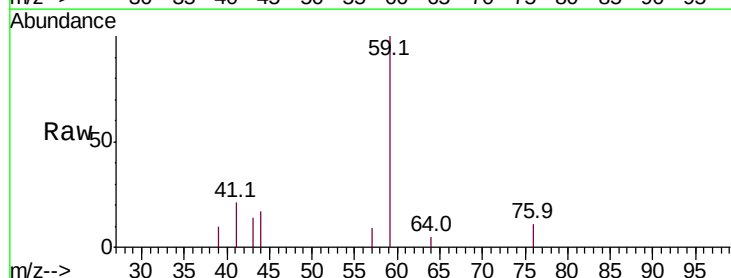
Acq: 18 Dec 2018 04:23

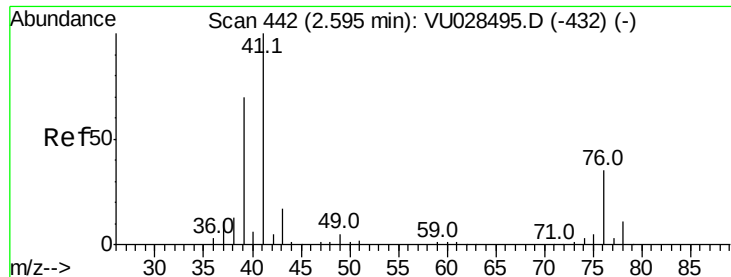
Tgt Ion: 59 Resp: 4137

Ion Ratio Lower Upper

59 100

57 7.9 8.0 12.0#





#14

Allvl chloride

Concen: 0.412 ug/l

RT: 2.83 min Scan# 516

Delta R.T. 0.24 min

Lab File: VU028751.D

Acq: 18 Dec 2018 04:23

Instrument :

MSVOA_U

ClientSampled :

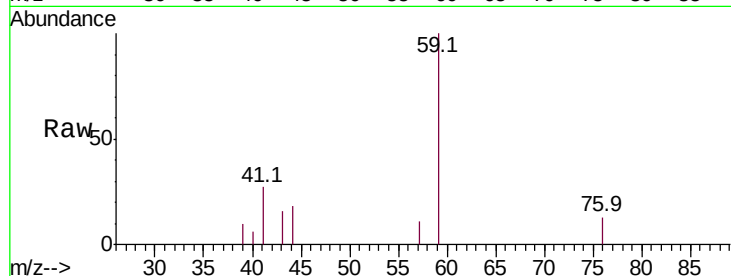
Tot Ion: 41 Resp: 953

Ion Ratio Lower Upper

41 100

39 19.4 50.8 76.2#

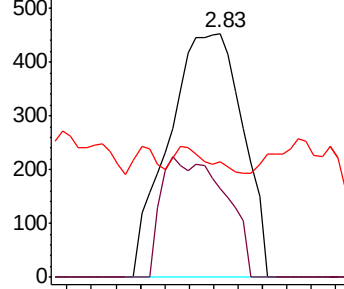
76 0.0 24.8 37.2#



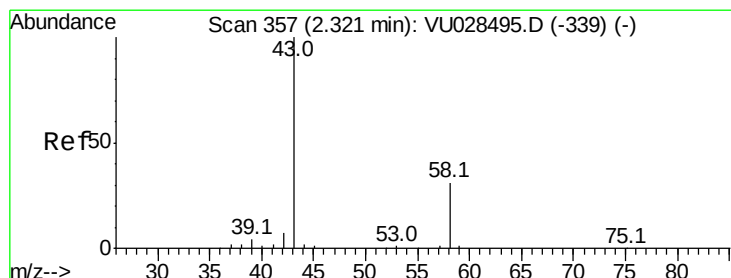
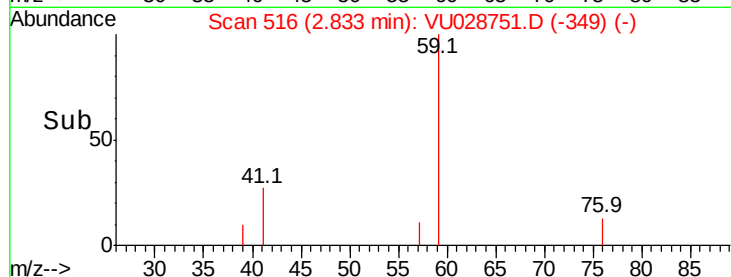
Abundance Ion 41.00 (40.70 to 41.70): VU0

Ion 39.00 (38.70 to 39.70): VU0

Ion 75.90 (75.60 to 76.60): VU0



Time-->



#16

Acetone

Concen: 13.495 ug/l

RT: 2.32 min Scan# 357

Delta R.T. 0.00 min

Lab File: VU028751.D

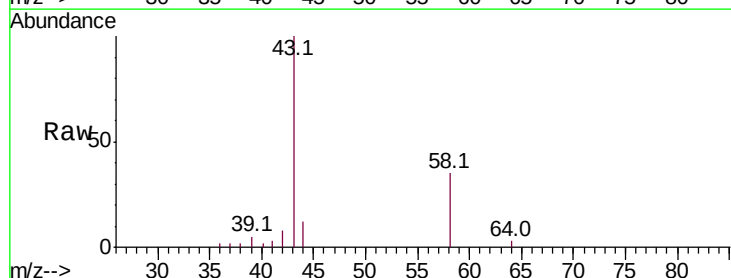
Acq: 18 Dec 2018 04:23

Tgt Ion: 43 Resp: 11789

Ion Ratio Lower Upper

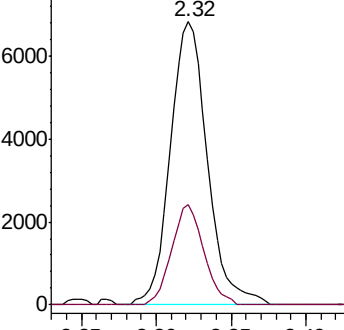
43 100

58 35.3 24.6 37.0

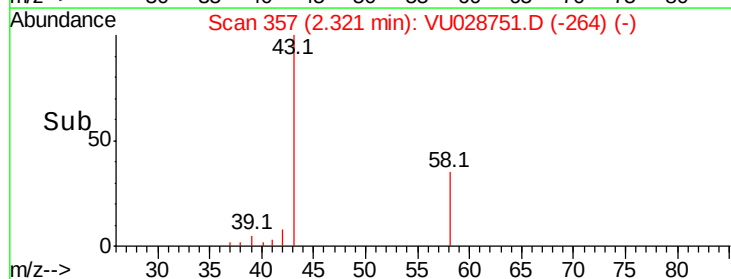


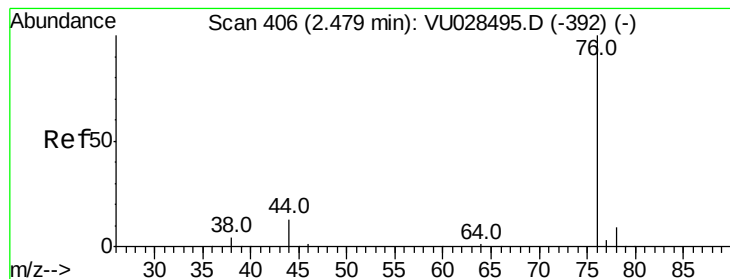
Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0



Time-->





#17

Carbon Disulfide

Concen: 0.732 ug/l

RT: 2.48 min Scan# 406

Delta R.T. 0.00 min

Lab File: VU028751.D

Acq: 18 Dec 2018 04:23

Instrument :

MSVOA_U

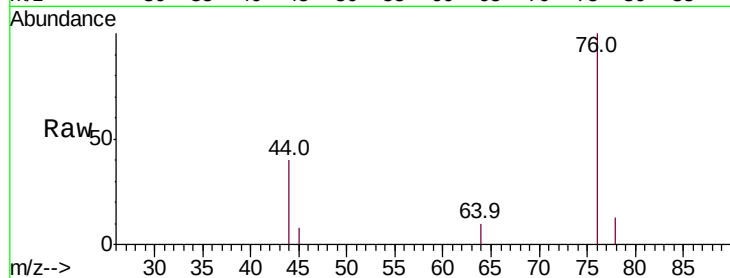
ClientSampleId :

Tot Ion: 76 Resp: 2575

Ion Ratio Lower Upper

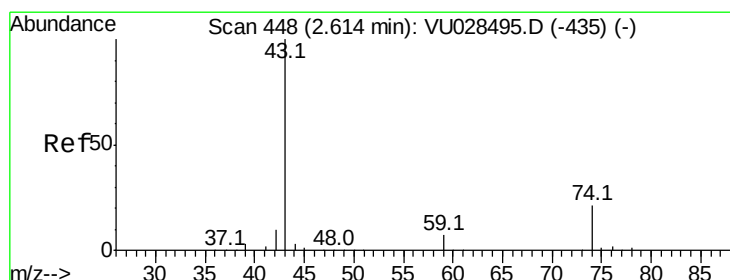
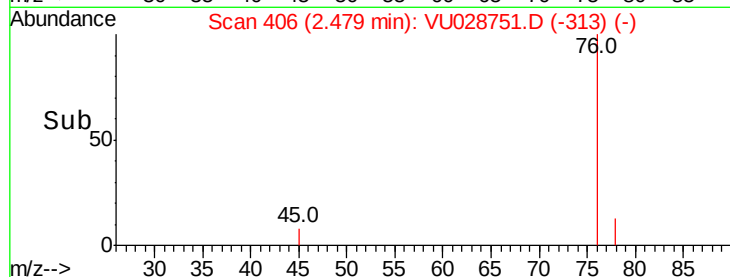
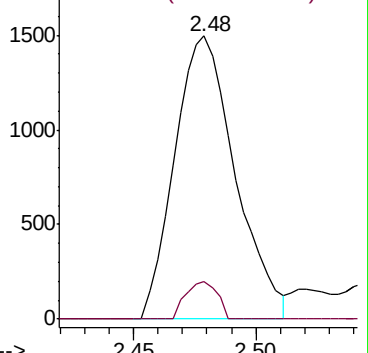
76 100

78 13.1 7.2 10.8#



Abundance Ion 75.90 (75.60 to 76.60): VU0

Ion 77.90 (77.60 to 78.60): VU0



#18

Methyl Acetate

Concen: 0.665 ug/l

RT: 2.62 min Scan# 451

Delta R.T. 0.01 min

Lab File: VU028751.D

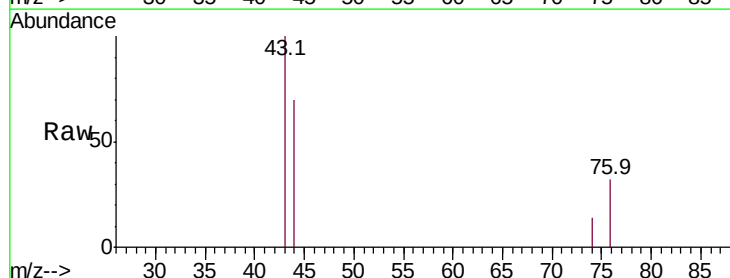
Acq: 18 Dec 2018 04:23

Tgt Ion: 43 Resp: 1506

Ion Ratio Lower Upper

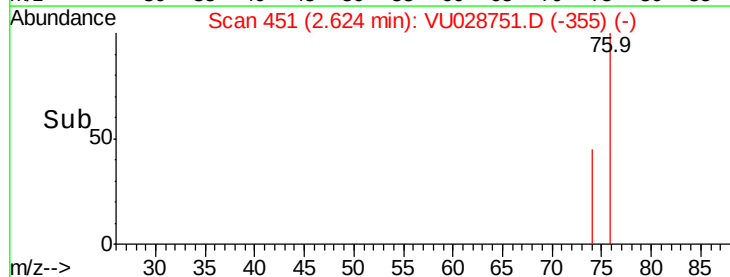
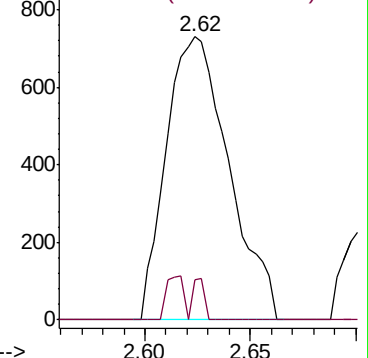
43 100

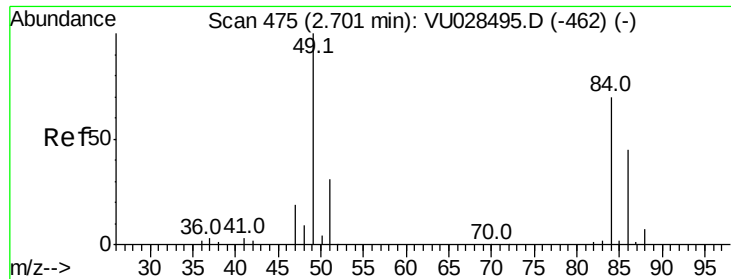
74 2.7 16.4 24.6#



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 74.00 (73.70 to 74.70): VU0

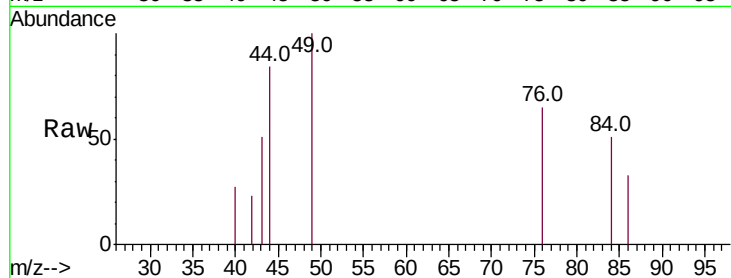




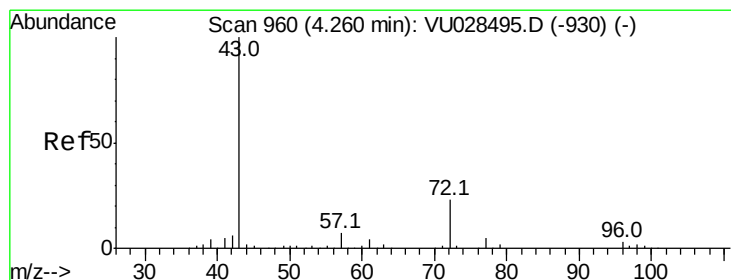
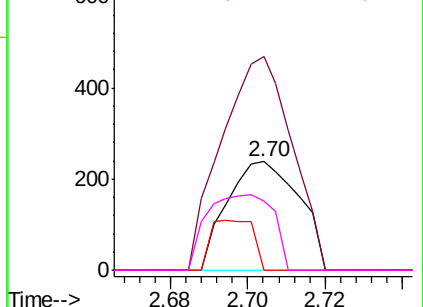
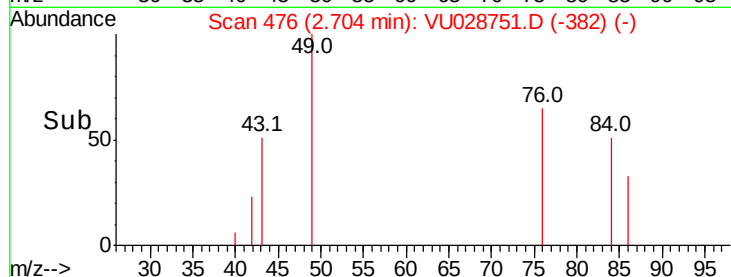
#20
Methylene Chloride
Concen: 0.240 ug/l
RT: 2.70 min Scan# 476
Delta R.T. 0.00 min
Lab File: VU028751.D
Acq: 18 Dec 2018 04:23

Instrument :
MSVOA_U
ClientSampled :

Tot Ion: 84 Resp: 309
Ion Ratio Lower Upper
84 100
49 197.1 114.0 171.0#
51 0.0 35.1 52.7#
86 64.3 51.0 76.6

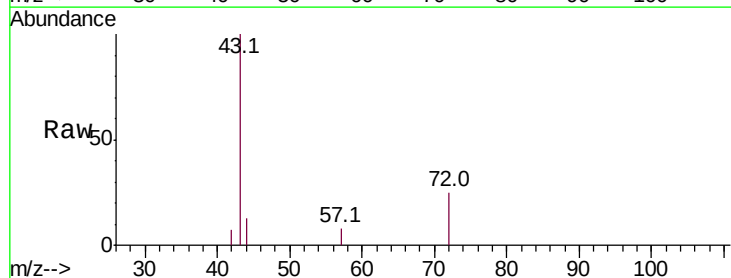


Abundance Ion 83.90 (83.60 to 84.60): VU0
Ion 48.90 (48.60 to 49.60): VU0
Ion 50.90 (50.60 to 51.60): VU0
Ion 85.90 (85.60 to 86.60): VU0

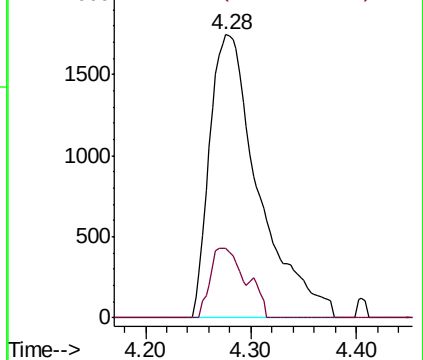
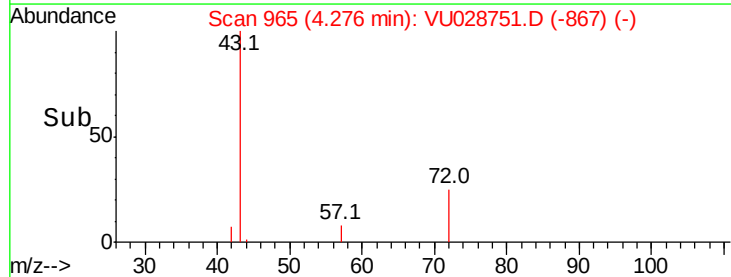


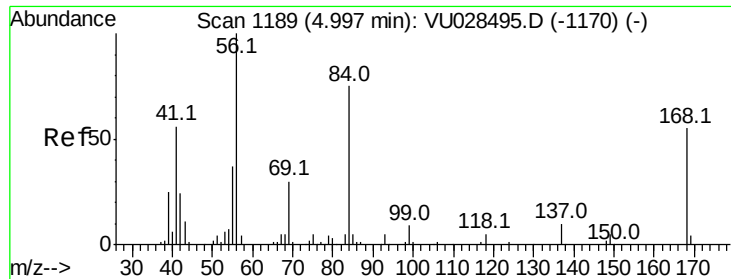
#25
2-Butanone
Concen: 4.744 ug/l
RT: 4.28 min Scan# 965
Delta R.T. 0.02 min
Lab File: VU028751.D
Acq: 18 Dec 2018 04:23

Tgt Ion: 43 Resp: 5664
Ion Ratio Lower Upper
43 100
72 24.7 18.6 28.0



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

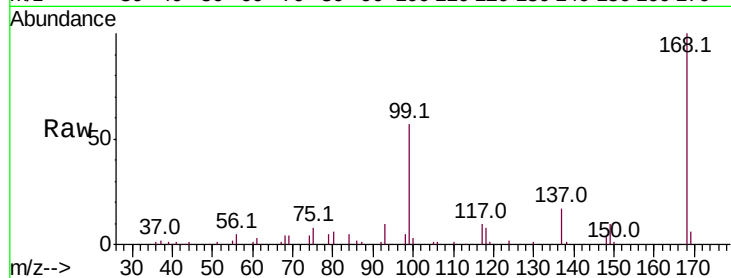




#31
Cyclohexane
Concen: 0.379 ug/l
RT: 4.99 min Scan# 1188
Delta R.T. -0.00 min
Lab File: VU028751.D
Acq: 18 Dec 2018 04:23

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion	56	Resp	3596
Ion Ratio	100	Lower	Upper
56	100		
69	83.7	24.0	36.0#
84	94.0	59.7	89.5#

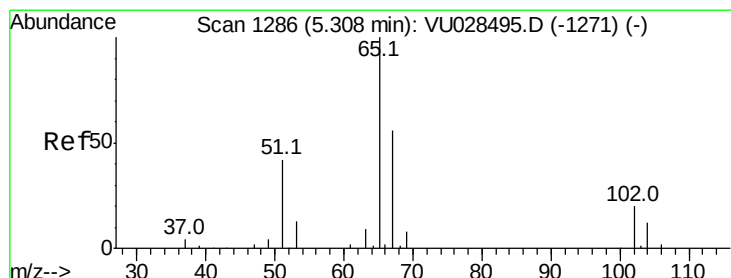
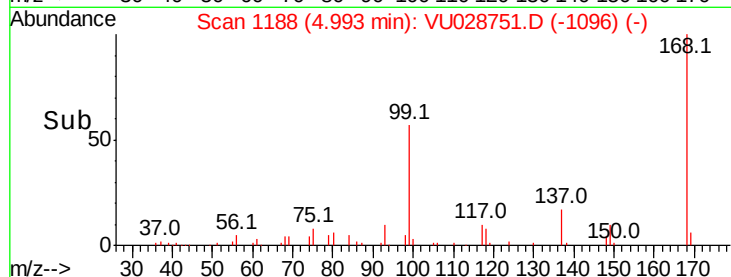
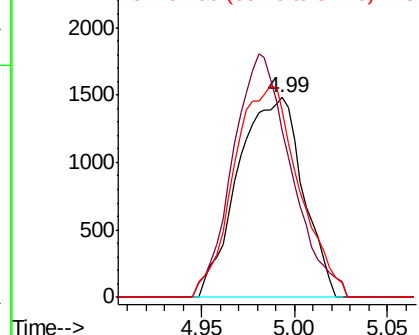


Abundance

Ion 56.00 (55.70 to 56.70): VU0

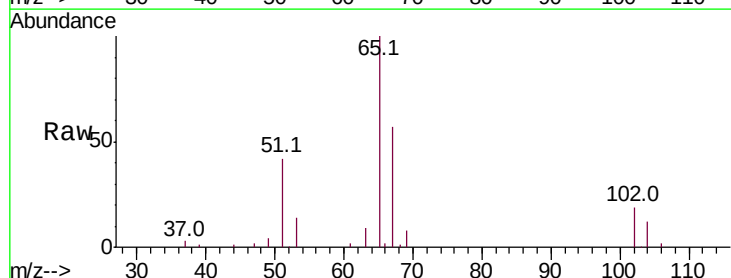
Ion 69.00 (68.70 to 69.70): VU0

Ion 84.00 (83.70 to 84.70): VU0



#33
1,2-Dichloroethane-d4
Concen: 52.386 ug/l
RT: 5.31 min Scan# 1286
Delta R.T. 0.00 min
Lab File: VU028751.D
Acq: 18 Dec 2018 04:23

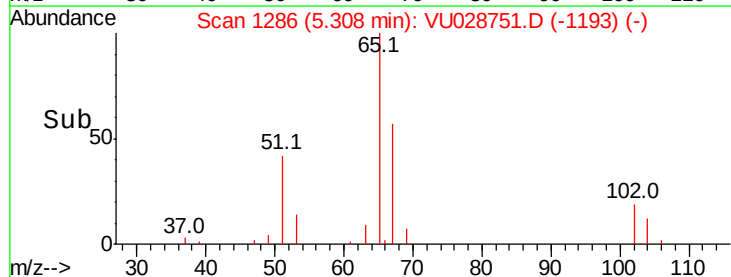
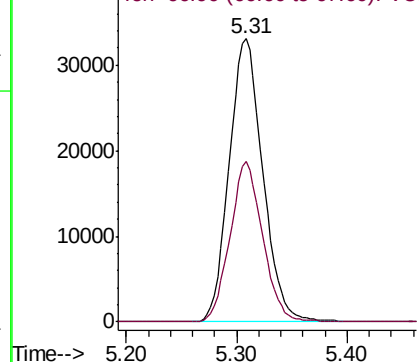
Tgt Ion	65	Resp	70130
Ion Ratio	100	Lower	Upper
65	100		
67	54.7	0.0	110.6

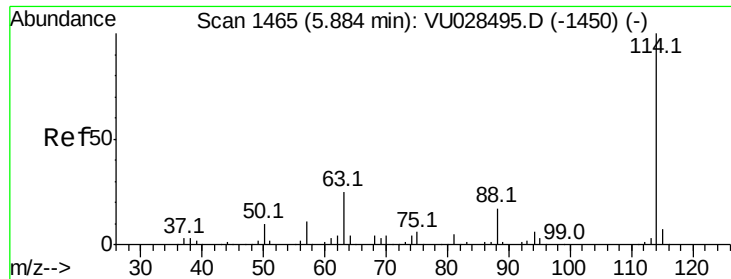


Abundance

Ion 64.90 (64.60 to 65.60): VU0

Ion 66.90 (66.60 to 67.60): VU0

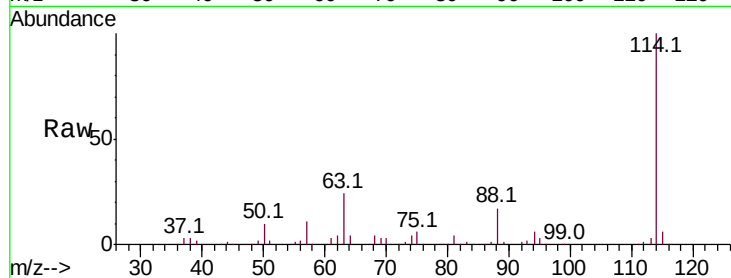




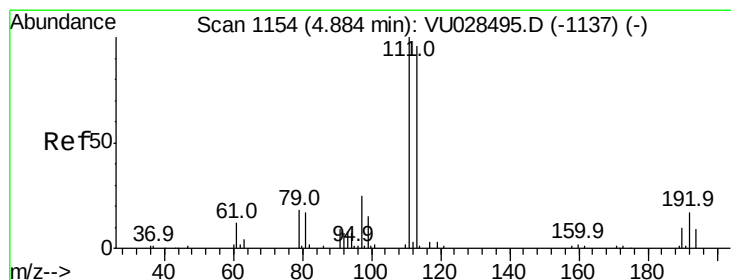
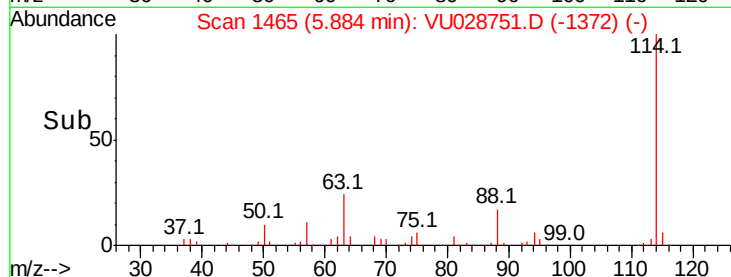
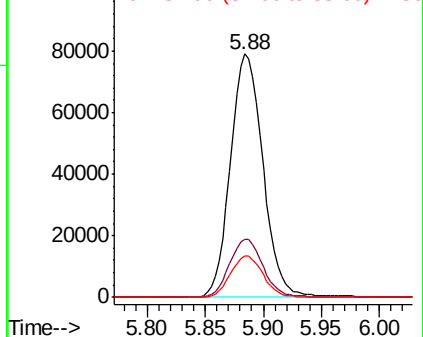
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.88 min Scan# 1465
 Delta R.T. 0.00 min
 Lab File: VU028751.D
 Acq: 18 Dec 2018 04:23

Instrument :
 MSVOA_U
 ClientSampled :

Tot Ion:114 Resp: 154067
 Ion Ratio Lower Upper
 114 100
 63 23.9 0.0 49.2
 88 17.1 0.0 33.4

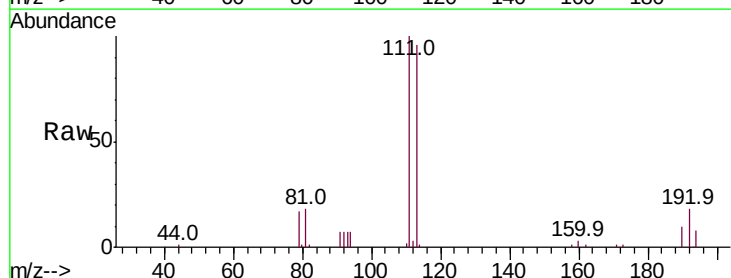


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VU0
 Ion 87.90 (87.60 to 88.60): VU0

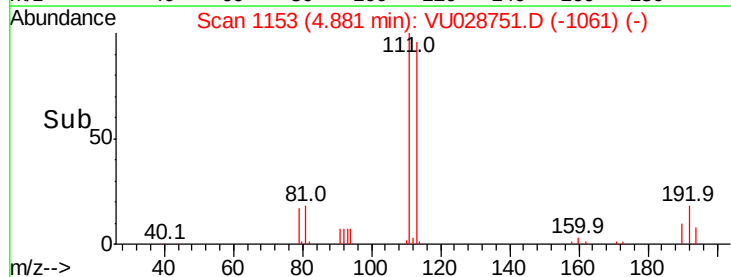
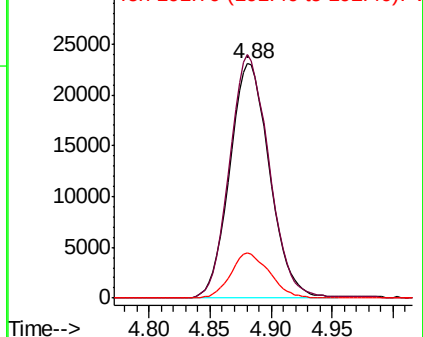


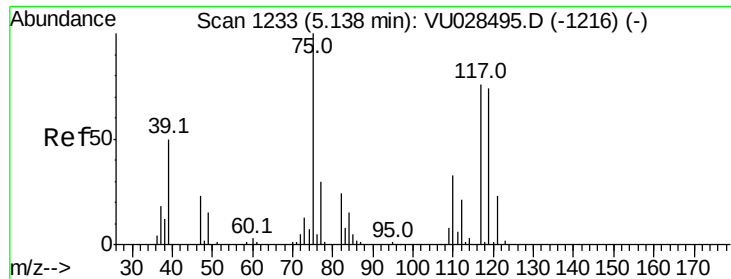
#35
 Dibromofluoromethane
 Concen: 54.082 ug/l
 RT: 4.88 min Scan# 1153
 Delta R.T. -0.00 min
 Lab File: VU028751.D
 Acq: 18 Dec 2018 04:23

Tgt Ion:113 Resp: 52435
 Ion Ratio Lower Upper
 113 100
 111 103.0 83.4 125.0
 192 18.5 14.8 22.2



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

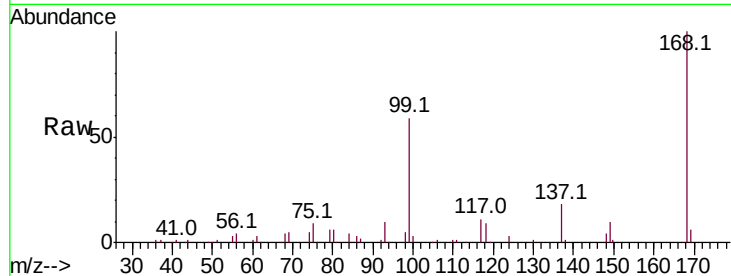




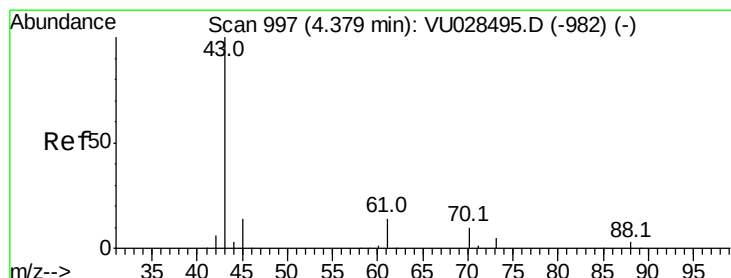
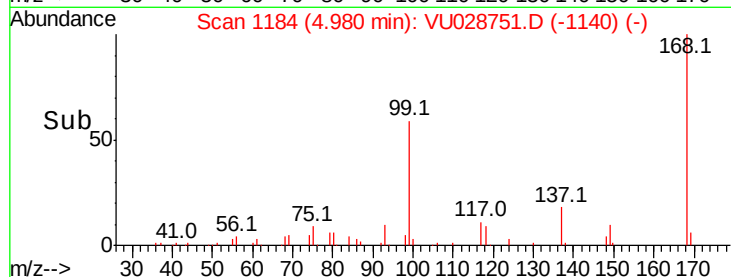
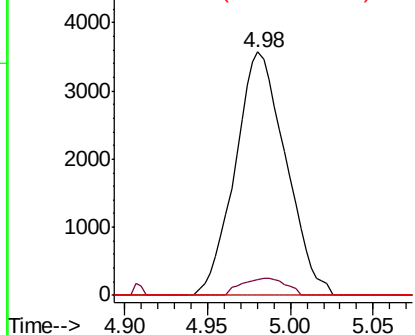
#36
 1,1-Dichloropropene
 Concen: 4.495 ug/l
 RT: 4.98 min Scan# 1184
 Delta R.T. -0.16 min
 Lab File: VU028751.D
 Acq: 18 Dec 2018 04:23

Instrument :
 MSVOA_U
 ClientSampleID :

Tot Ion: 75 Resp: 7579
 Ion Ratio Lower Upper
 75 100
 110 6.1 16.1 48.2#
 77 0.0 24.5 36.7#

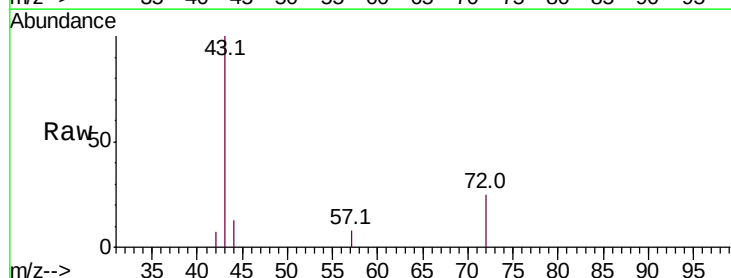


Abundance Ion 74.90 (74.60 to 75.60): VU0
 Ion 109.90 (109.60 to 110.60): VU0
 Ion 76.90 (76.60 to 77.60): VU0

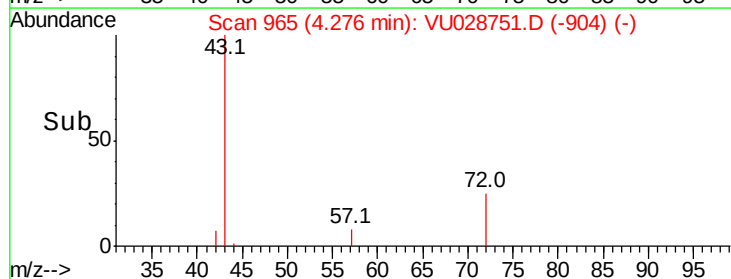
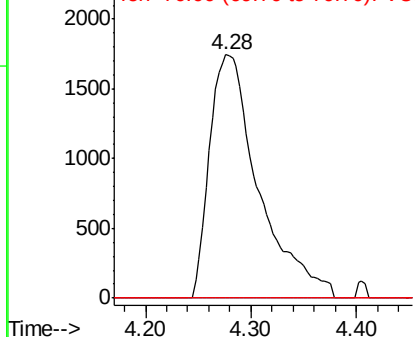


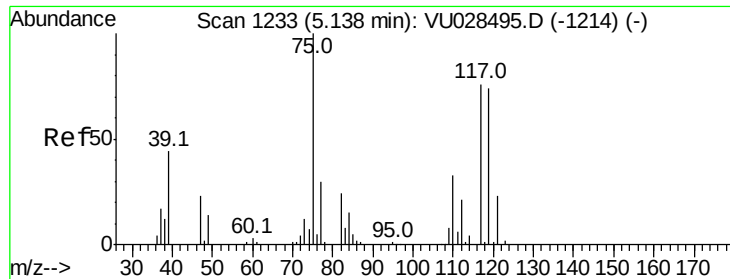
#37
 Ethyl Acetate
 Concen: 2.599 ug/l
 RT: 4.28 min Scan# 965
 Delta R.T. -0.10 min
 Lab File: VU028751.D
 Acq: 18 Dec 2018 04:23

Tgt Ion: 43 Resp: 5664
 Ion Ratio Lower Upper
 43 100
 61 0.0 11.0 16.4#
 70 0.0 7.4 11.0#



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: 6.444 ug/l

RT: 4.98 min Scan# 1184

Delta R.T. -0.16 min

Lab File: VU028751.D

Acq: 18 Dec 2018 04:23

Instrument :

MSVOA_U

ClientSampleId :

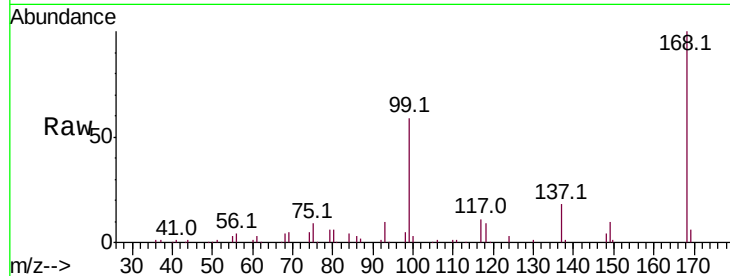
Tot Ion:117 Resp: 8756

Ion Ratio Lower Upper

117 100

119 2.9 77.6 116.4#

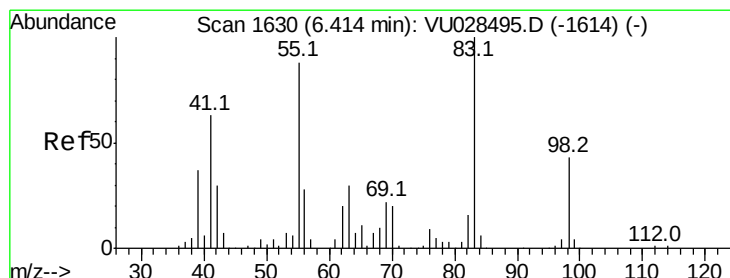
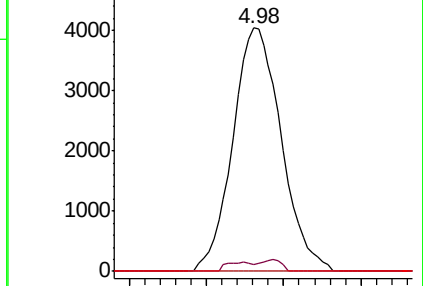
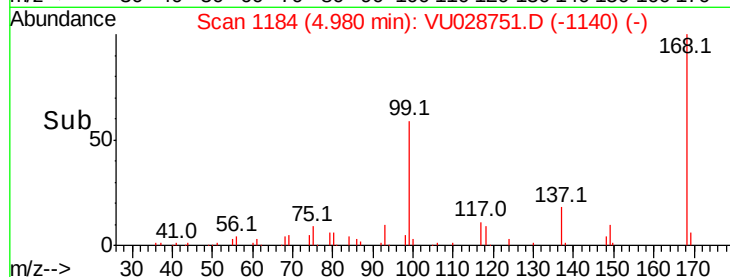
121 0.0 24.6 36.8#



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: 1.034 ug/l

RT: 6.42 min Scan# 1632

Delta R.T. 0.01 min

Lab File: VU028751.D

Acq: 18 Dec 2018 04:23

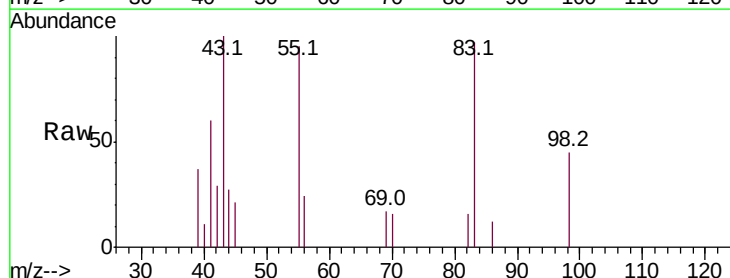
Tgt Ion: 83 Resp: 2126

Ion Ratio Lower Upper

83 100

55 98.0 70.2 105.2

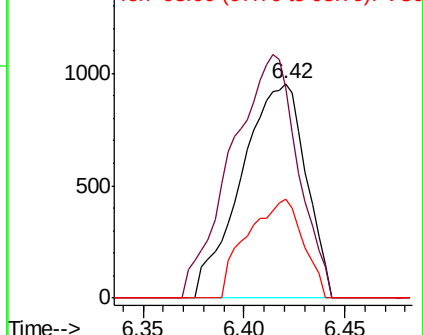
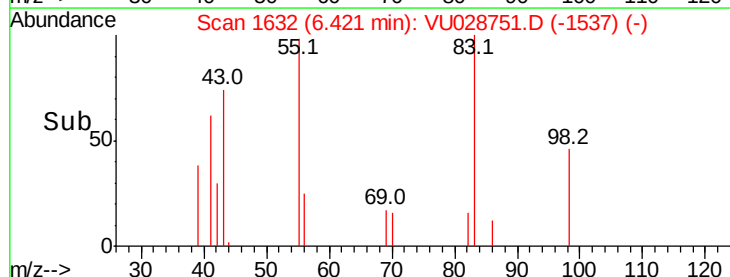
98 45.9 34.2 51.4

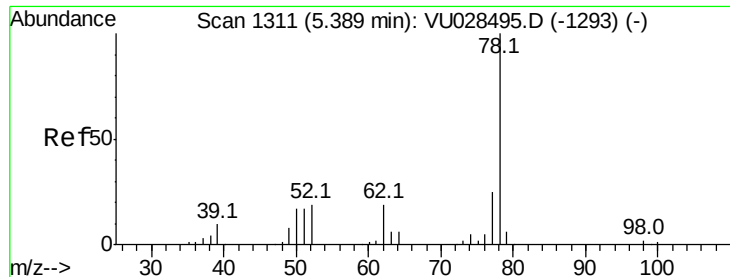


Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 55.00 (54.70 to 55.70): VU0

Ion 98.00 (97.70 to 98.70): VU0





#40

Benzene

Concen: 1.465 ug/l

RT: 5.39 min Scan# 1312

Delta R.T. 0.00 min

Lab File: VU028751.D

Acq: 18 Dec 2018 04:23

Instrument :

MSVOA_U

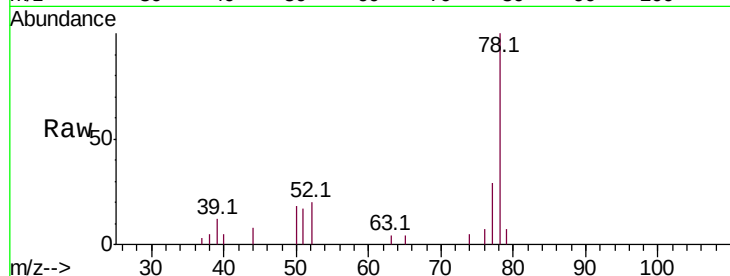
ClientSampleId :

Tot Ion: 78 Resp: 7276

Ion Ratio Lower Upper

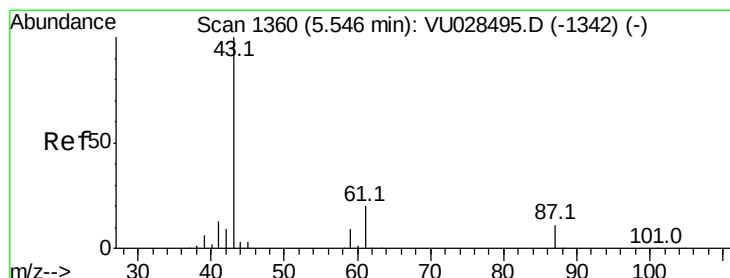
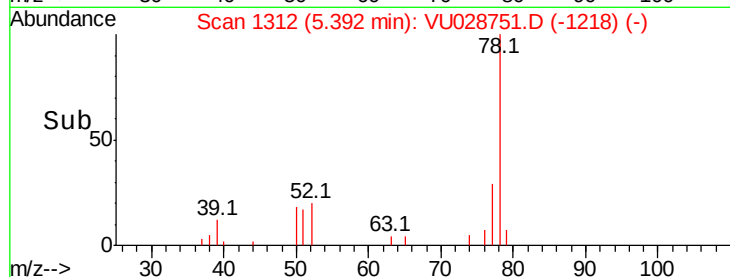
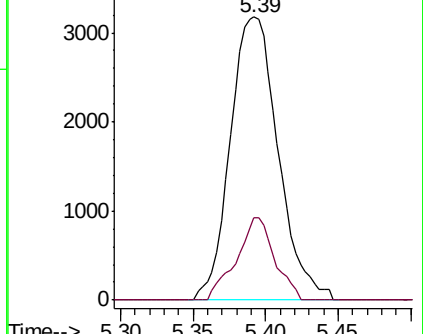
78 100

77 29.0 19.9 29.9



Abundance Ion 78.00 (77.70 to 78.70): VU0

Ion 77.00 (76.70 to 77.70): VU0



#43

Isopropyl Acetate

Concen: 1.965 ug/l

RT: 5.79 min Scan# 1435

Delta R.T. 0.24 min

Lab File: VU028751.D

Acq: 18 Dec 2018 04:23

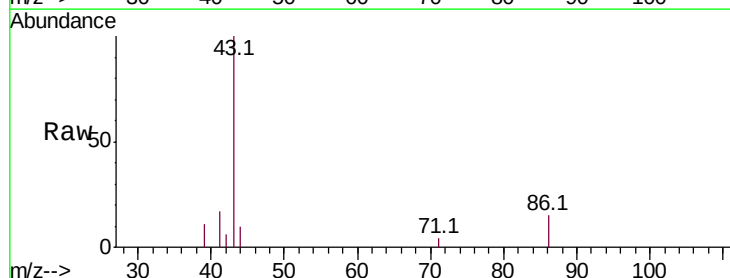
Tgt Ion: 43 Resp: 6773

Ion Ratio Lower Upper

43 100

61 0.0 15.5 23.3#

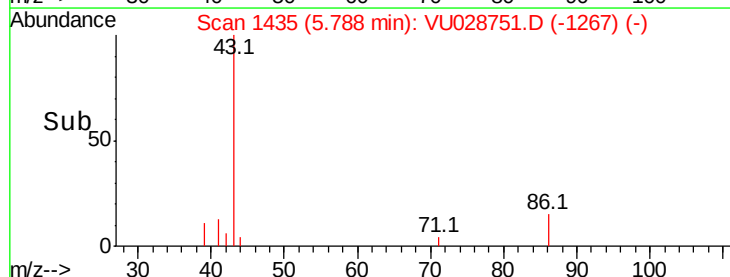
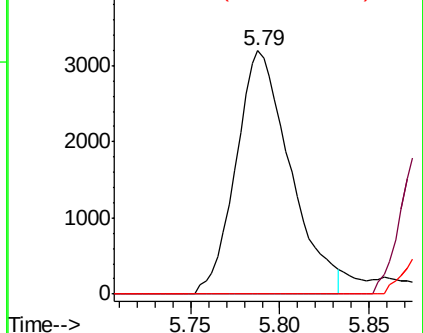
87 0.0 8.7 13.1#

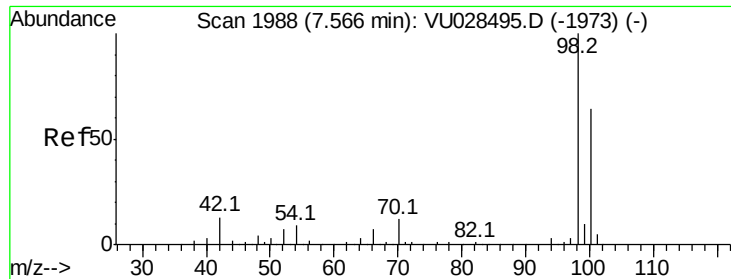


Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 87.00 (86.70 to 87.70): VU0

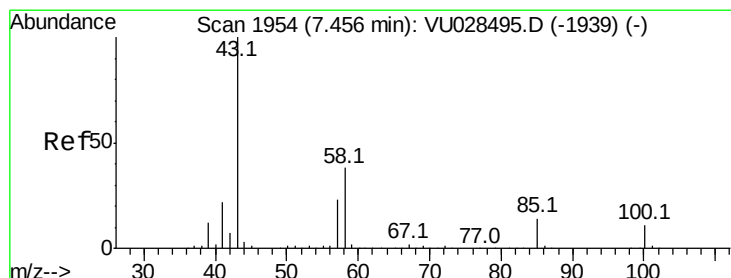
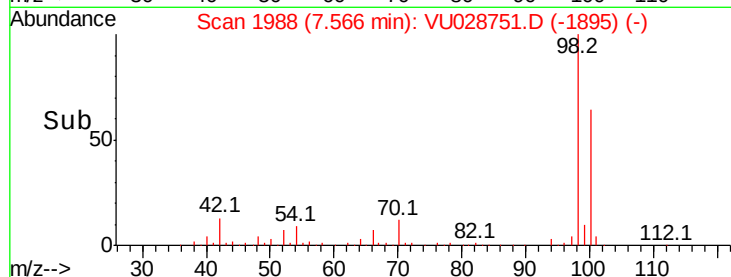
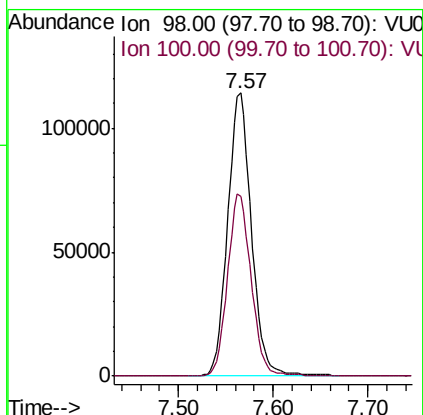
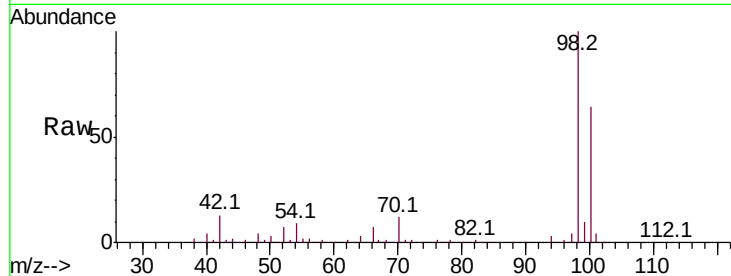




#50
Toluene-d8
Concen: 52.070 ug/l
RT: 7.57 min Scan# 1988
Delta R.T. 0.00 min
Lab File: VU028751.D
Acq: 18 Dec 2018 04:23

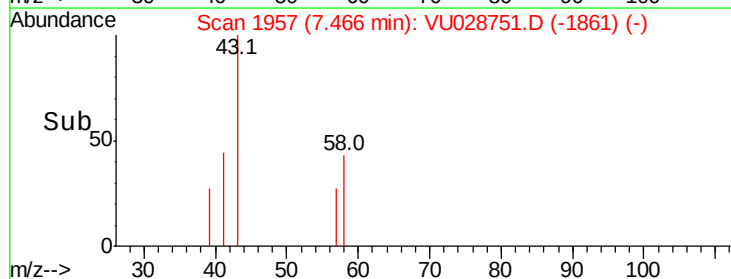
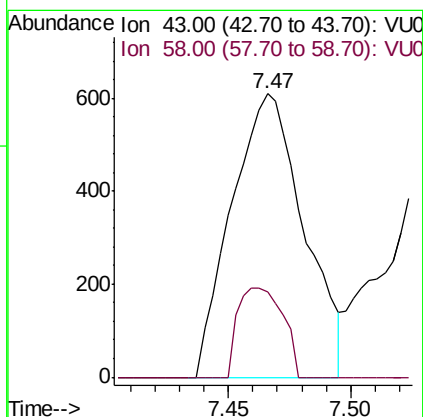
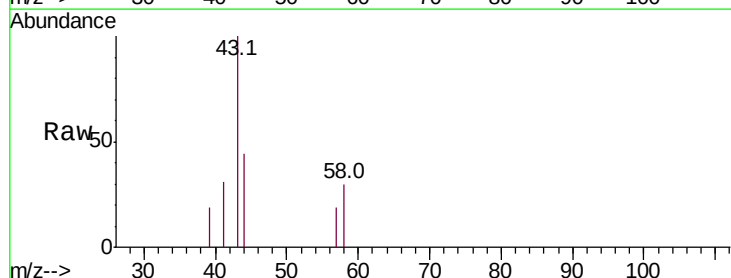
Instrument :
MSVOA_U
ClientSampleId :

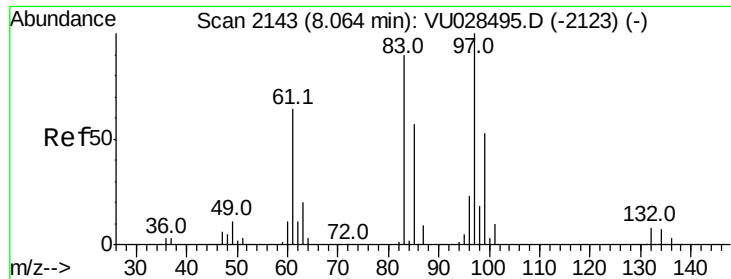
Tot Ion: 98 Resp: 199708
Ion Ratio Lower Upper
98 100
100 63.9 51.0 76.6



#51
4-Methyl-2-Pentanone
Concen: 0.575 ug/l
RT: 7.47 min Scan# 1957
Delta R.T. 0.01 min
Lab File: VU028751.D
Acq: 18 Dec 2018 04:23

Tgt Ion: 43 Resp: 1251
Ion Ratio Lower Upper
43 100
58 19.6 30.2 45.2#





#55

1,1,2-Trichloroethane

Concen: 4.005 ug/l

RT: 8.04 min Scan# 2137

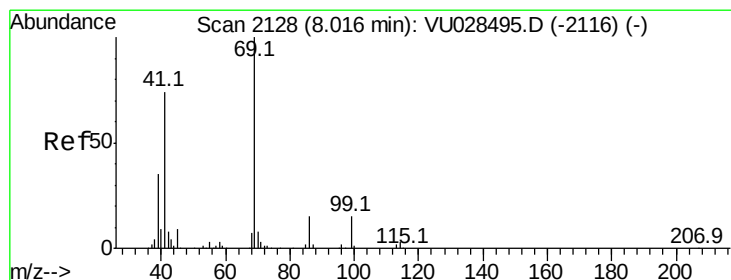
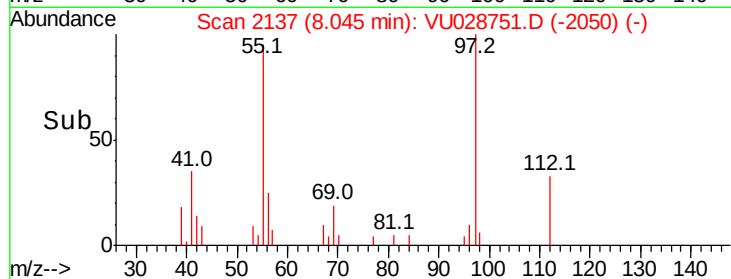
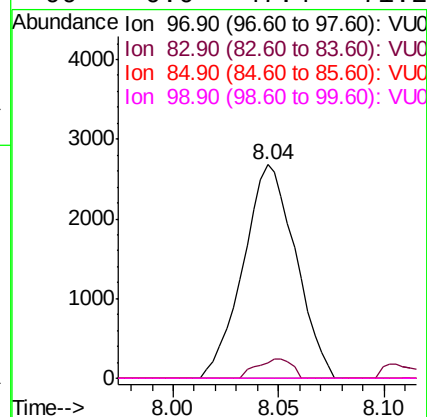
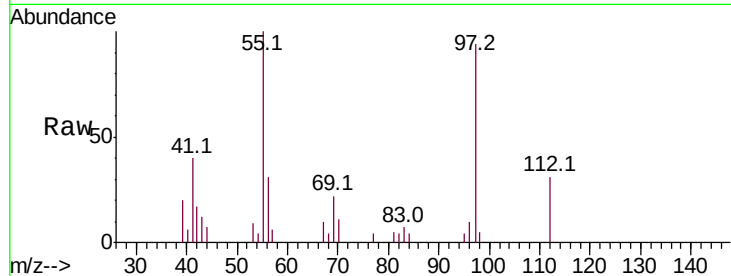
Delta R.T. -0.02 min

Lab File: VU028751.D

Acq: 18 Dec 2018 04:23

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion:	97	Resp:	4626
Ion	Ratio	Lower	Upper
97	100		
83	7.4	72.4	108.6#
85	0.0	46.0	69.0#
99	0.0	47.4	71.2#



#56

Ethyl methacrylate

Concen: 0.567 ug/l

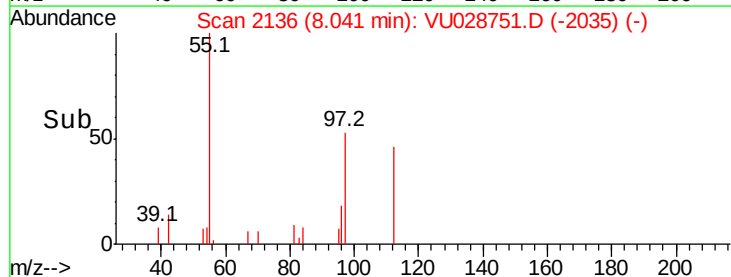
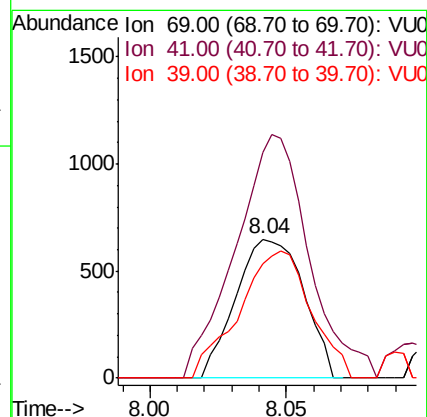
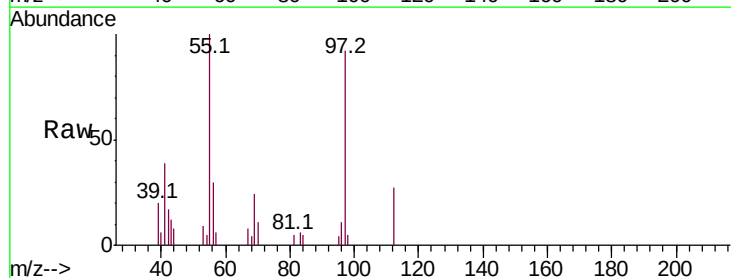
RT: 8.04 min Scan# 2136

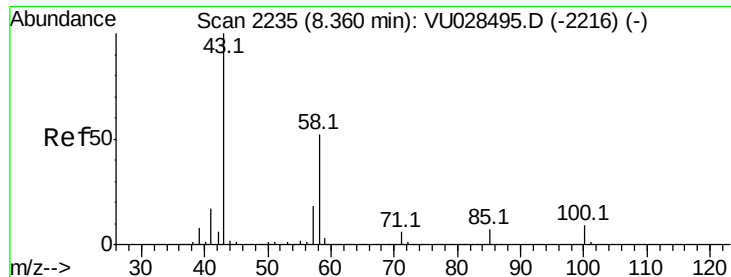
Delta R.T. 0.03 min

Lab File: VU028751.D

Acq: 18 Dec 2018 04:23

Tgt Ion:	69	Resp:	1121
Ion	Ratio	Lower	Upper
69	100		
41	189.3	59.1	88.7#
39	96.7	28.4	42.6#

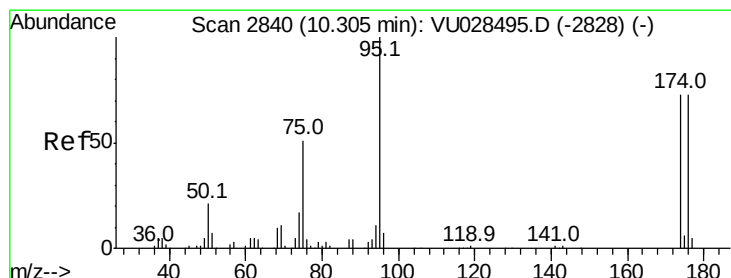
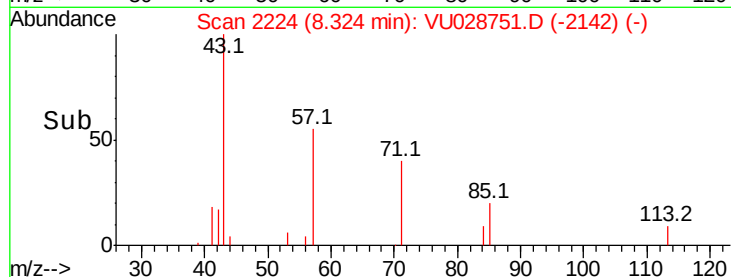
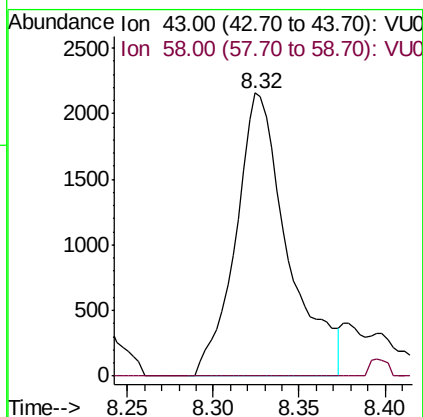
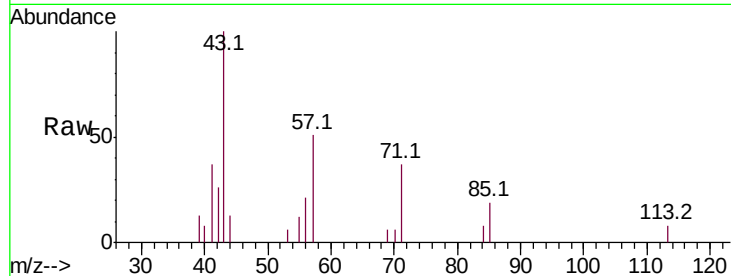




#59
2-Hexanone
Concen: 2.629 ug/l
RT: 8.32 min Scan# 2224
Delta R.T. -0.04 min
Lab File: VU028751.D
Acq: 18 Dec 2018 04:23

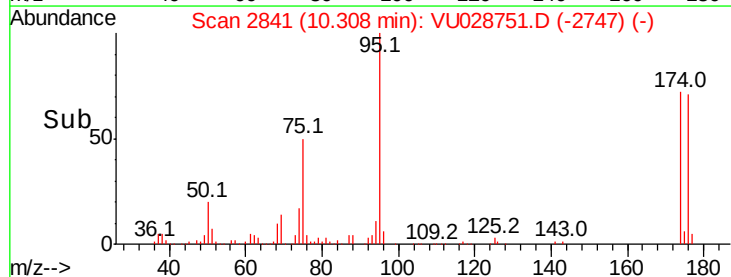
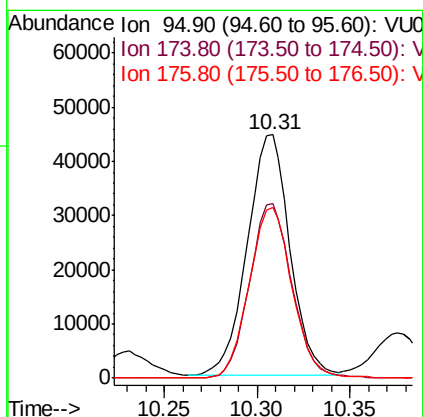
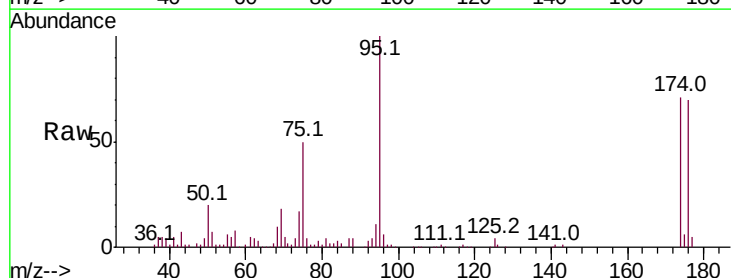
Instrument :
MSVOA_U
ClientSampled :

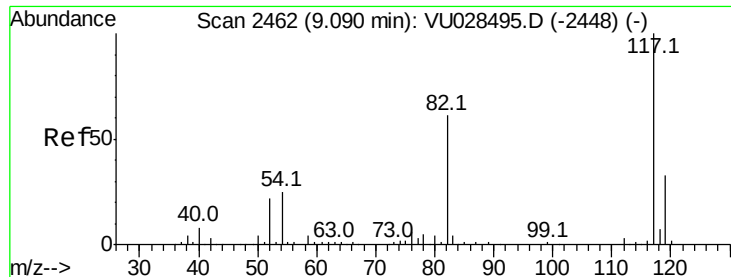
Tot Ion: 43 Resp: 4531
Ion Ratio Lower Upper
43 100
58 0.0 25.9 77.6#



#62
4-Bromofluorobenzene
Concen: 49.843 ug/l
RT: 10.31 min Scan# 2841
Delta R.T. 0.00 min
Lab File: VU028751.D
Acq: 18 Dec 2018 04:23

Tgt Ion: 95 Resp: 71452
Ion Ratio Lower Upper
95 100
174 72.3 0.0 150.4
176 71.3 0.0 145.2

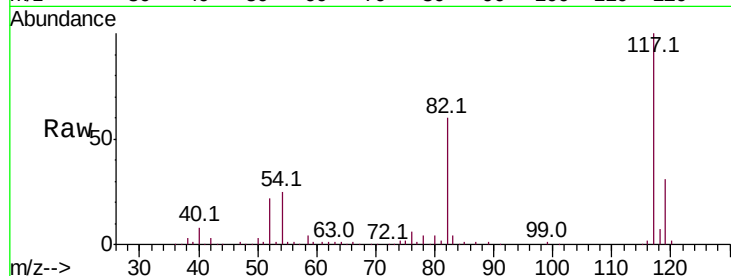




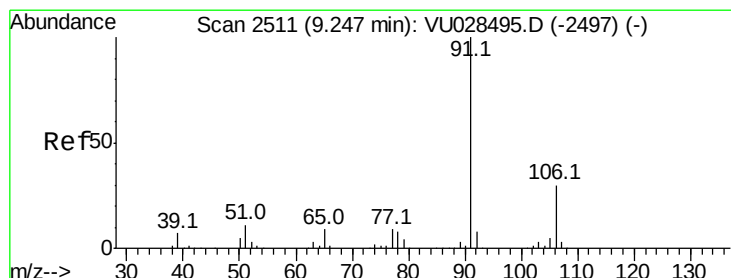
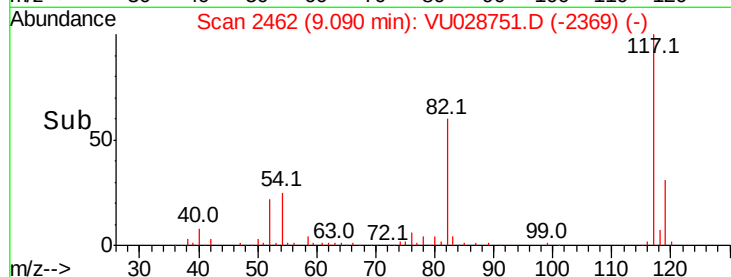
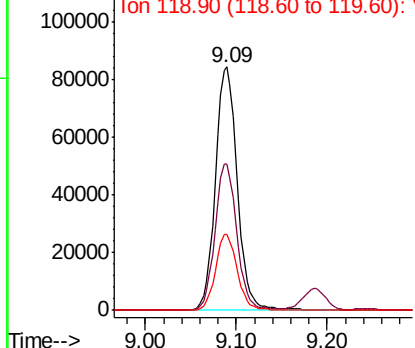
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. 0.00 min
Lab File: VU028751.D
Acq: 18 Dec 2018 04:23

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion:117 Resp: 140535
Ion Ratio Lower Upper
117 100
82 60.1 48.9 73.3
119 31.4 26.2 39.4

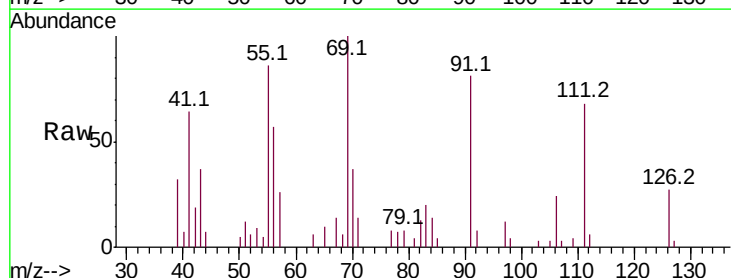


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VU0
Ion 118.90 (118.60 to 119.60): V

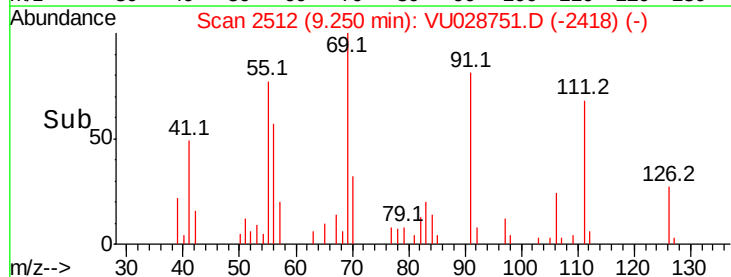
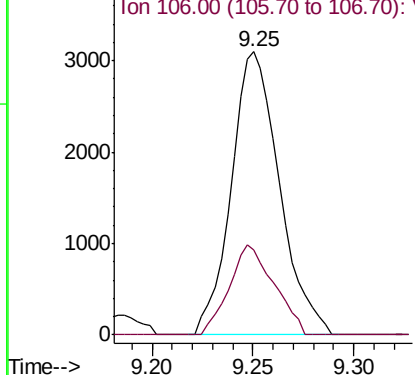


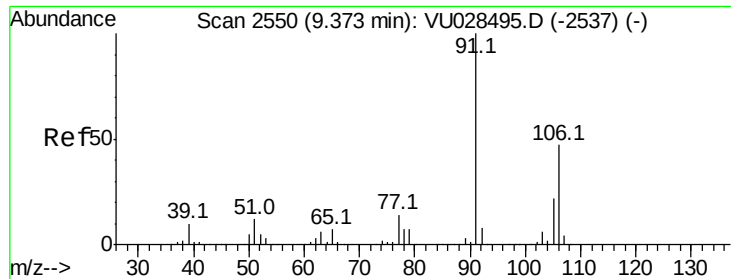
#67
Ethyl Benzene
Concen: 0.939 ug/l
RT: 9.25 min Scan# 2512
Delta R.T. 0.00 min
Lab File: VU028751.D
Acq: 18 Dec 2018 04:23

Tgt Ion: 91 Resp: 5172
Ion Ratio Lower Upper
91 100
106 30.2 24.1 36.1



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

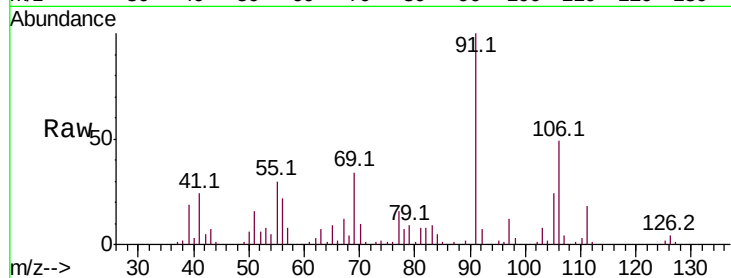




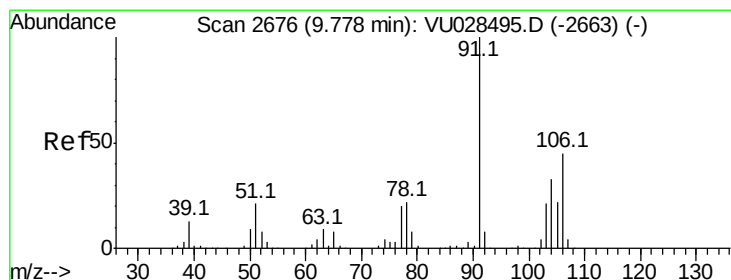
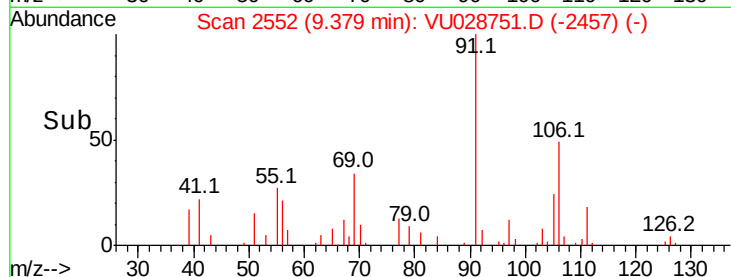
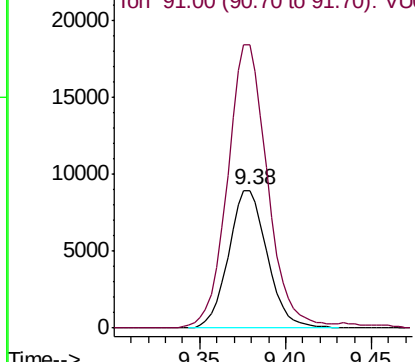
#68
m/p-Xylenes
Concen: 7.015 ug/l
RT: 9.38 min Scan# 2552
Delta R.T. 0.01 min
Lab File: VU028751.D
Acq: 18 Dec 2018 04:23

Instrument :
MSVOA_U
ClientSampled :

Tot Ion:106 Resp: 14052
Ion Ratio Lower Upper
106 100
91 212.4 167.4 251.0

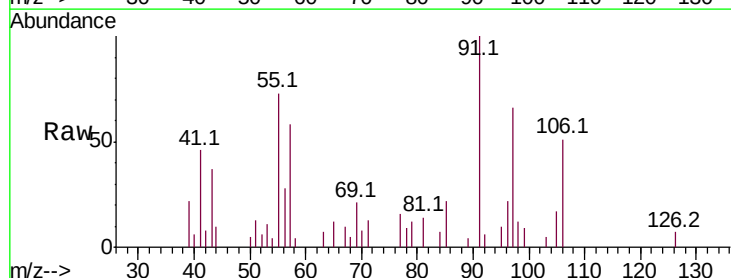


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0

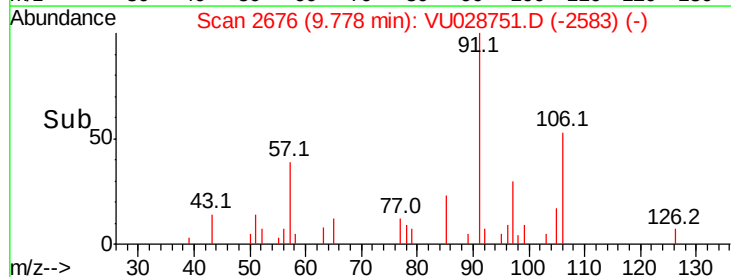
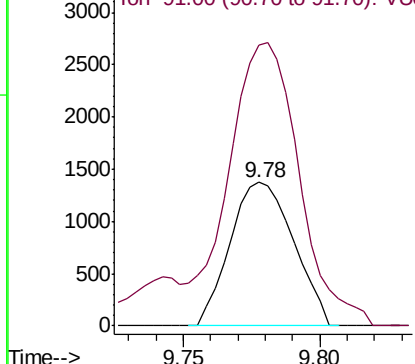


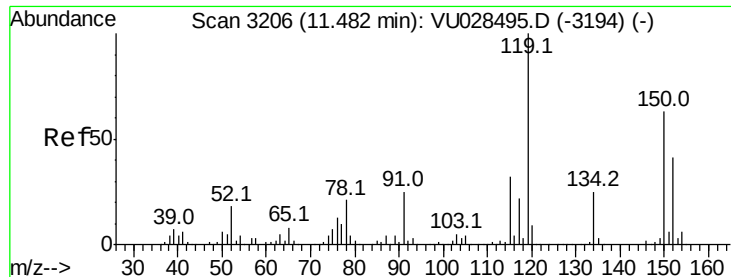
#69
o-Xylene
Concen: 1.142 ug/l
RT: 9.78 min Scan# 2676
Delta R.T. 0.00 min
Lab File: VU028751.D
Acq: 18 Dec 2018 04:23

Tgt Ion:106 Resp: 2224
Ion Ratio Lower Upper
106 100
91 218.1 111.3 334.0



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





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.48 min Scan# 3206

Delta R.T. 0.00 min

Lab File: VU028751.D

Acq: 18 Dec 2018 04:23

Instrument :

MSVOA_U

ClientSampleId :

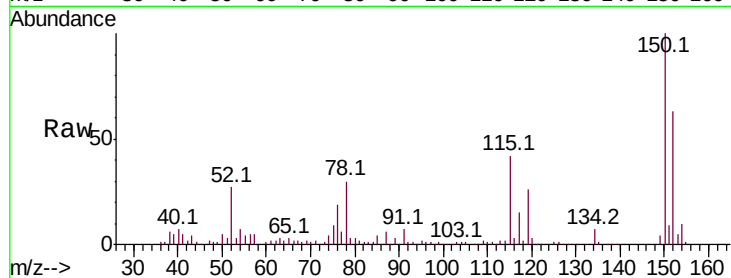
Tot Ion:152 Resp: 61188

Ion Ratio Lower Upper

152 100

115 67.4 42.7 128.1

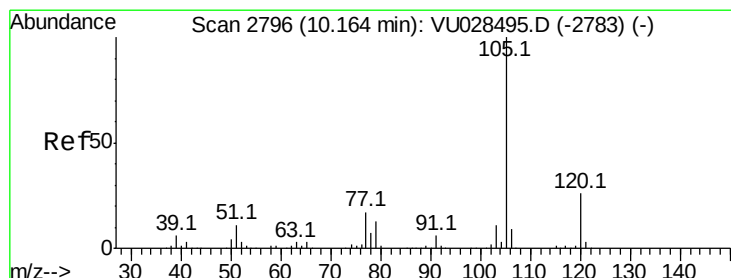
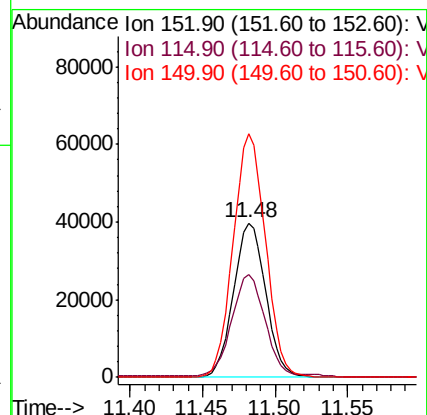
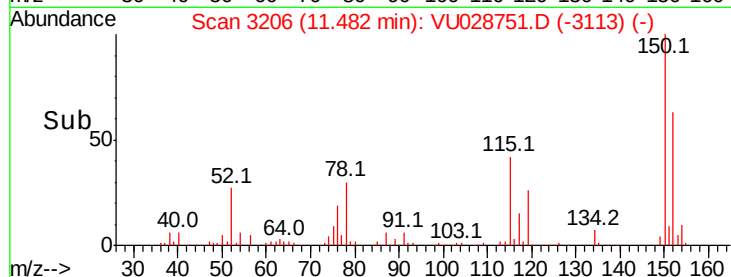
150 158.3 0.0 346.0



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene

Concen: 212.420 ug/l

RT: 10.17 min Scan# 2797

Delta R.T. 0.00 min

Lab File: VU028751.D

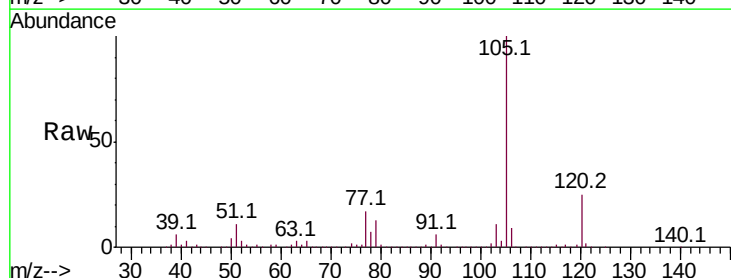
Acq: 18 Dec 2018 04:23

Tgt Ion:105 Resp: 997349

Ion Ratio Lower Upper

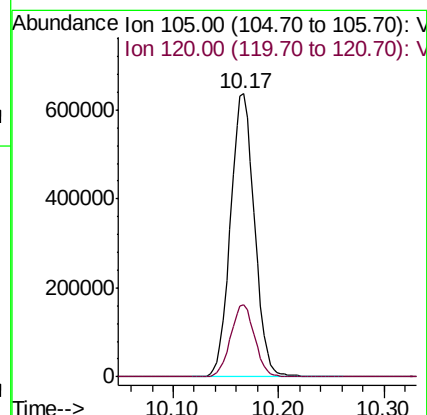
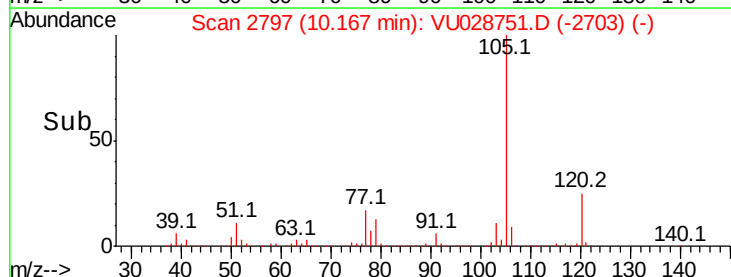
105 100

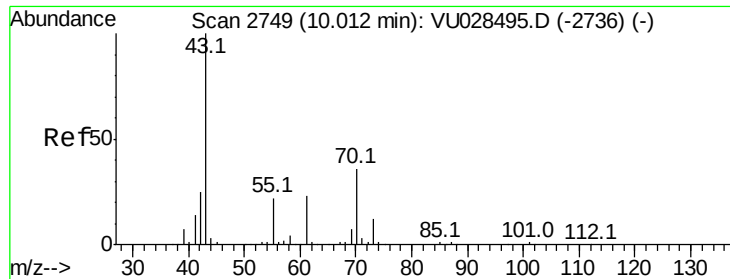
120 25.5 12.9 38.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 6.529 ug/l

RT: 10.04 min Scan# 2758

Delta R.T. 0.03 min

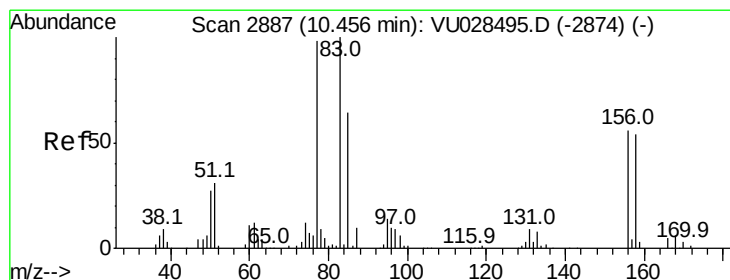
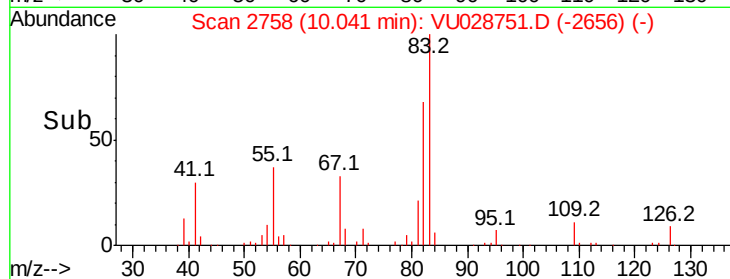
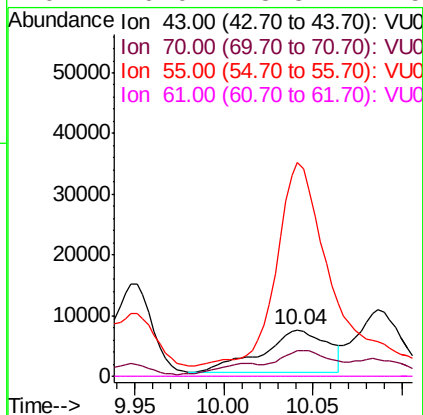
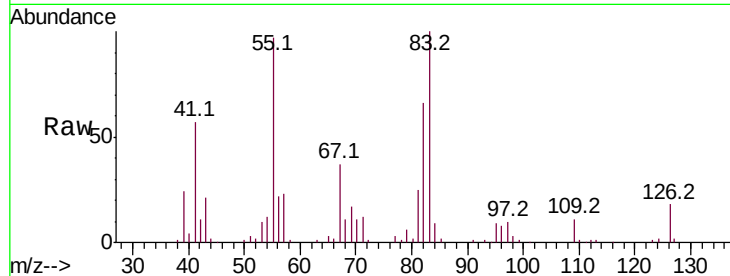
Lab File: VU028751.D

Acq: 18 Dec 2018 04:23

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 43 Resp: 17682

Ion	Ratio	Lower	Upper
43	100		
70	18.8	29.3	43.9#
55	402.3	18.0	27.0#
61	0.0	18.3	27.5#



#75

1,1,2,2-Tetrachloroethane

Concen: 6.259 ug/l

RT: 10.49 min Scan# 2898

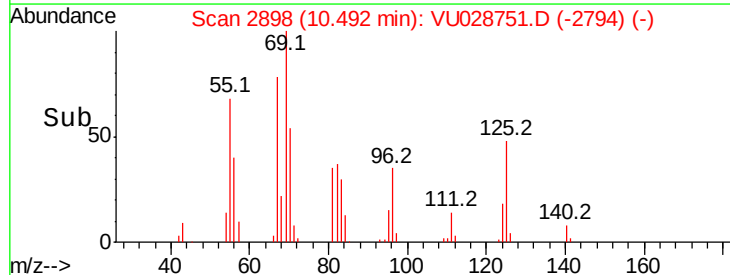
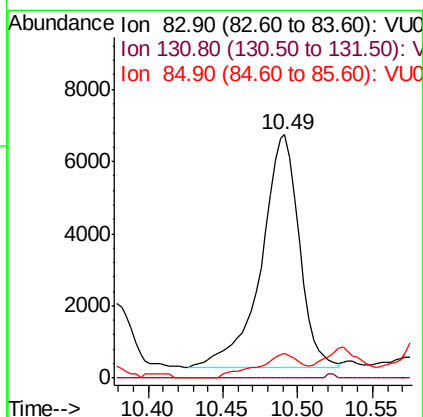
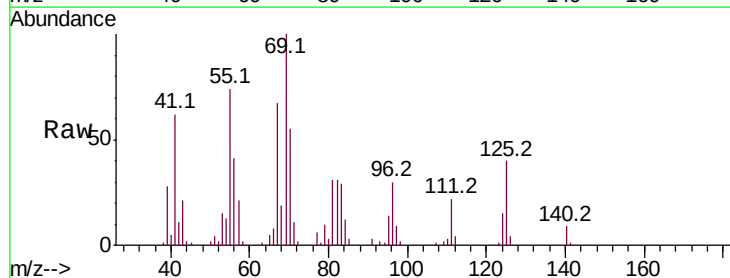
Delta R.T. 0.04 min

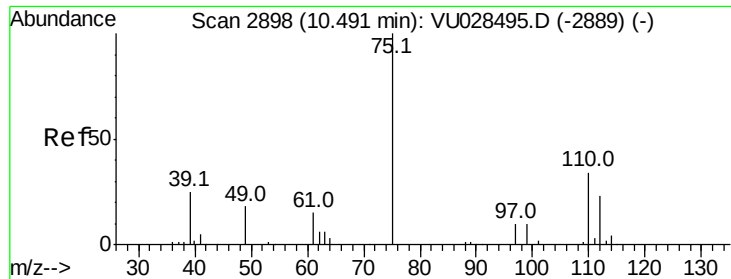
Lab File: VU028751.D

Acq: 18 Dec 2018 04:23

Tgt Ion: 83 Resp: 11289

Ion	Ratio	Lower	Upper
83	100		
131	0.0	4.2	12.4#
85	12.1	31.8	95.4#





#76

1,2,3-Trichloropropane

Concen: 6.081 ug/l

RT: 10.58 min Scan# 2927

Delta R.T. 0.09 min

Lab File: VU028751.D

Acq: 18 Dec 2018 04:23

Instrument :

MSVOA_U

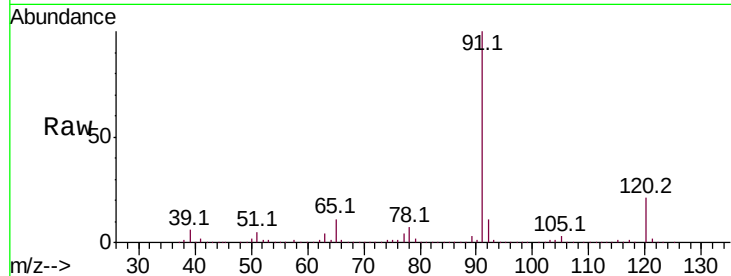
ClientSampleId :

Tot Ion: 75 Resp: 9501

Ion Ratio Lower Upper

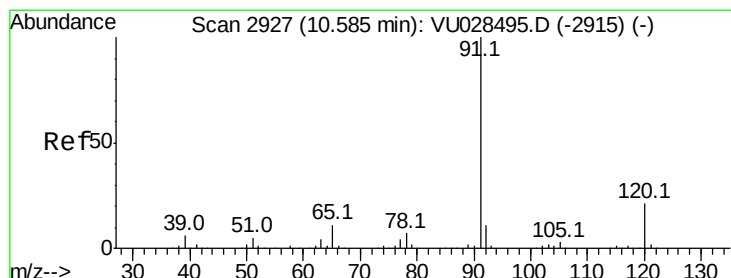
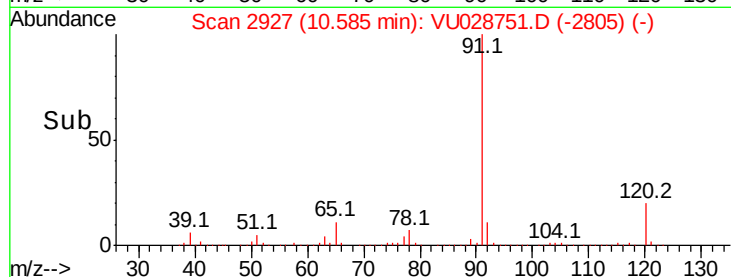
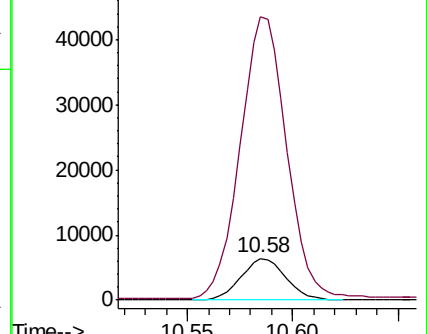
75 100

77 699.6 20.8 62.4#



Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 77.00 (76.70 to 77.70): VU0



#78

n-propylbenzene

Concen: 282.555 ug/l

RT: 10.58 min Scan# 2927

Delta R.T. 0.00 min

Lab File: VU028751.D

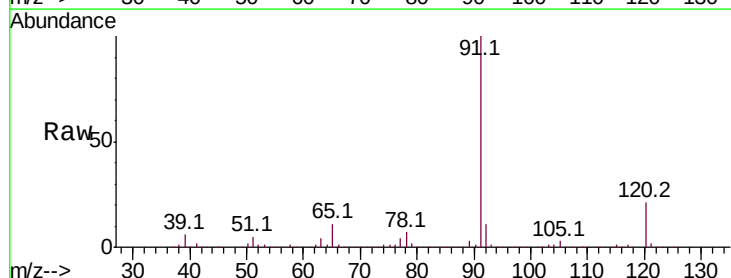
Acq: 18 Dec 2018 04:23

Tgt Ion: 91 Resp: 1648481

Ion Ratio Lower Upper

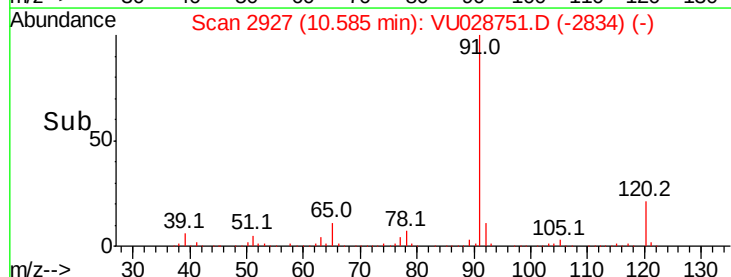
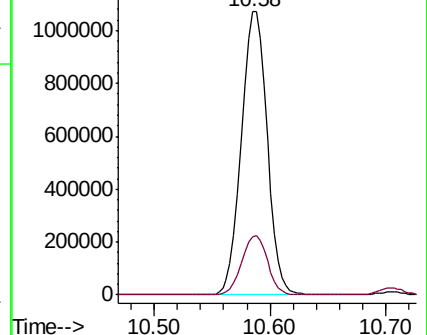
91 100

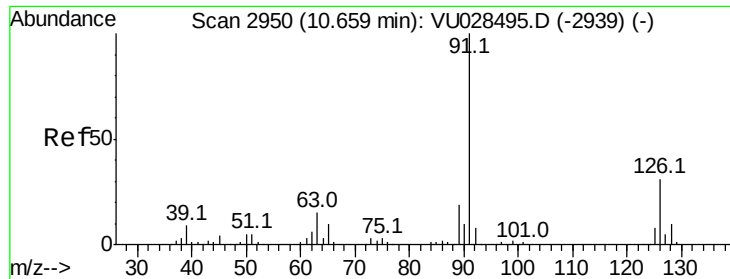
120 20.8 10.6 31.8



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 490.527 ug/l

RT: 10.58 min Scan# 2927

Delta R.T. -0.07 min

Lab File: VU028751.D

Acq: 18 Dec 2018 04:23

Instrument :

MSVOA_U

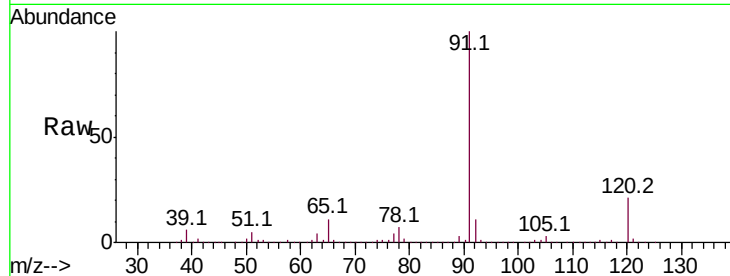
ClientSampleId :

Tot Ion: 91 Resp: 1648481

Ion Ratio Lower Upper

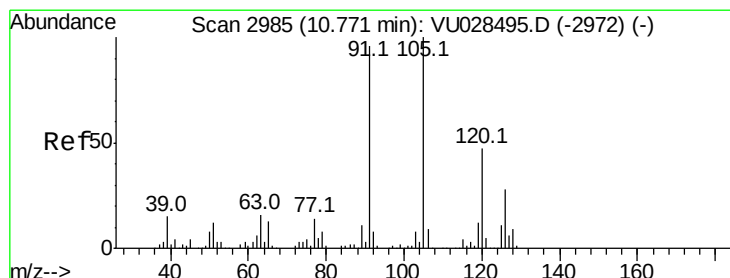
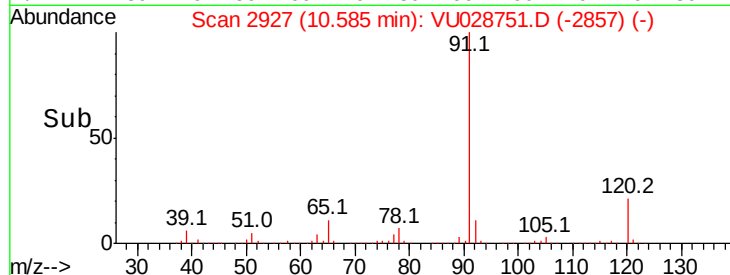
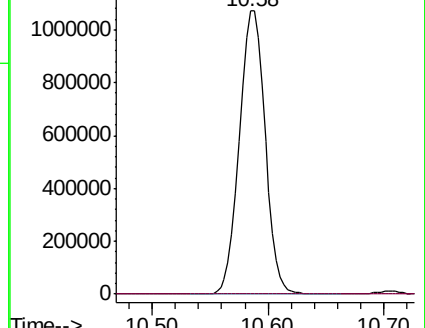
91 100

126 0.0 15.6 46.8#



Abundance Ion 91.00 (90.70 to 91.70): VU028495.D (-2939) (-)

Ion 125.90 (125.60 to 126.60): VU028495.D (-2939) (-)



#80

1,3,5-Trimethylbenzene

Concen: 36.749 ug/l

RT: 10.70 min Scan# 2964

Delta R.T. -0.07 min

Lab File: VU028751.D

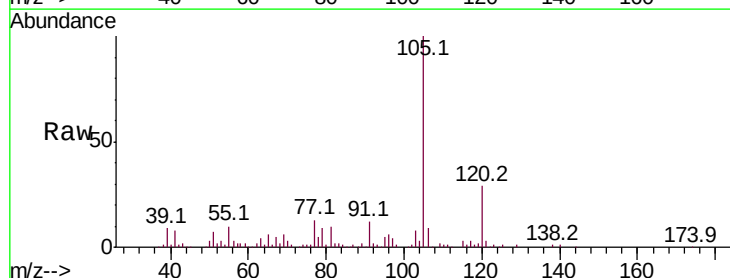
Acq: 18 Dec 2018 04:23

Tgt Ion:105 Resp: 142827

Ion Ratio Lower Upper

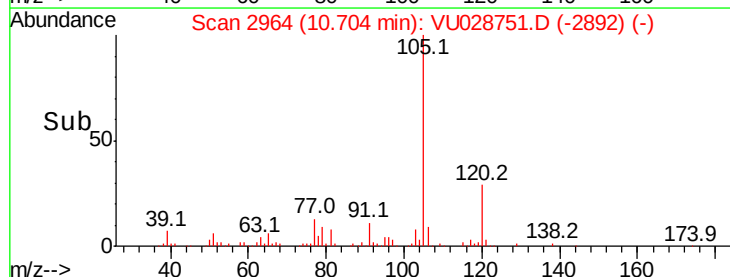
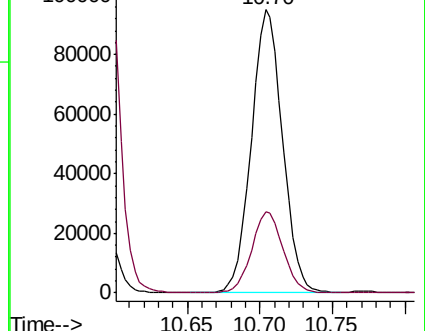
105 100

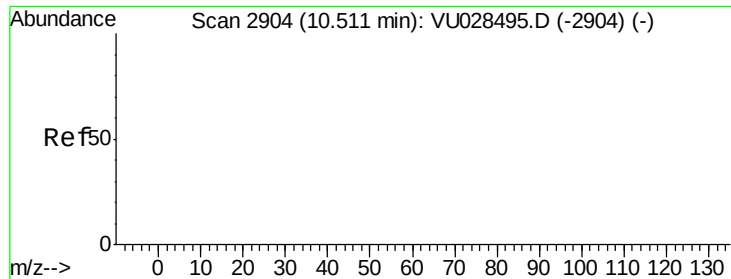
120 28.7 23.7 71.1



Abundance Ion 105.00 (104.70 to 105.70): VU028495.D (-2972) (-)

Ion 120.00 (119.70 to 120.70): VU028495.D (-2972) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 15.318 ug/l

RT: 10.58 min Scan# 2927

Delta R.T. 0.07 min

Lab File: VU028751.D

Acq: 18 Dec 2018 04:23

Instrument :

MSVOA_U

ClientSampleId :

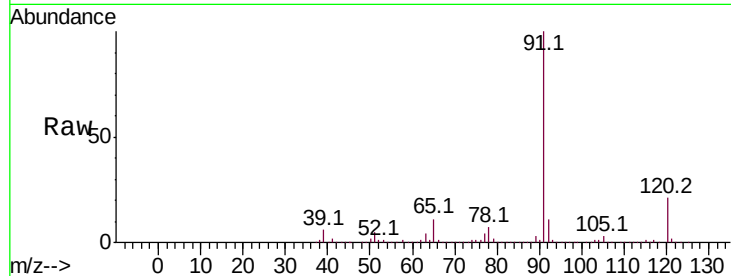
Tot Ion: 75 Resp: 9501

Ion Ratio Lower Upper

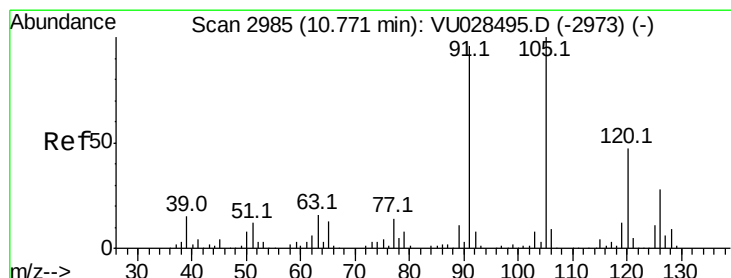
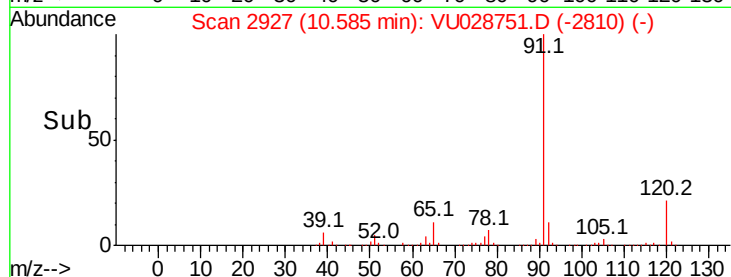
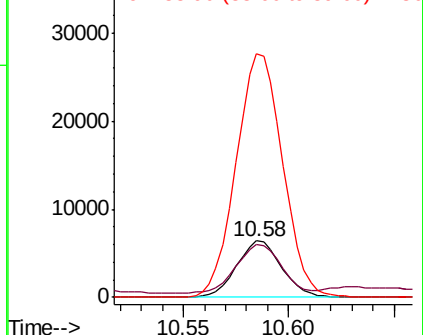
75 100

53 85.4 0.0 0.0#

89 445.5 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



#82

4-Chlorotoluene

Concen: 413.942 ug/l

RT: 10.58 min Scan# 2927

Delta R.T. -0.19 min

Lab File: VU028751.D

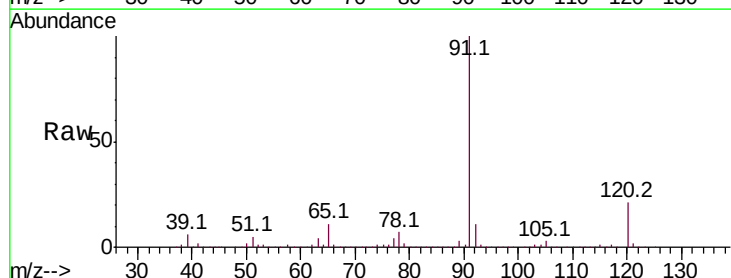
Acq: 18 Dec 2018 04:23

Tgt Ion: 91 Resp: 1648481

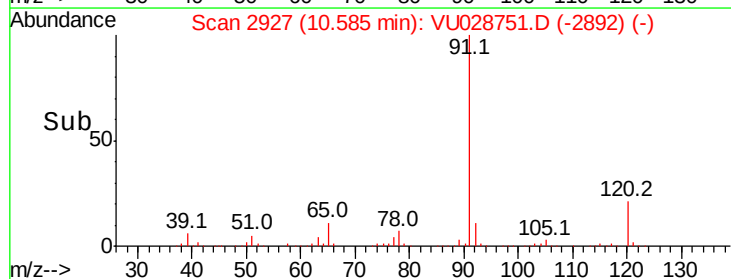
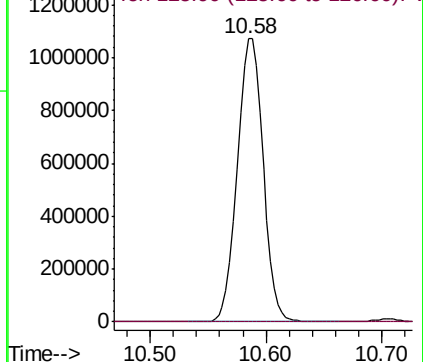
Ion Ratio Lower Upper

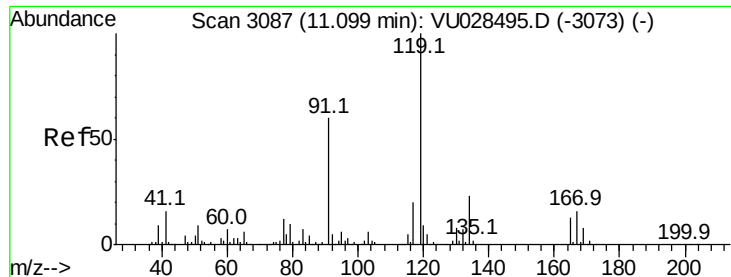
91 100

126 0.0 14.1 42.3#



Abundance Ion 91.00 (90.70 to 91.70): VU0
Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 25.634 ug/l

RT: 11.10 min Scan# 3087

Delta R.T. 0.00 min

Lab File: VU028751.D

Acq: 18 Dec 2018 04:23

Instrument :

MSVOA_U

ClientSampleId :

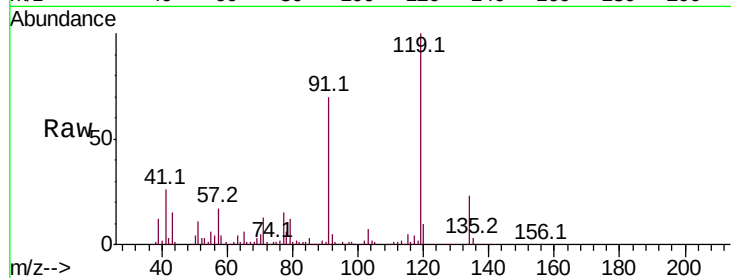
Tot Ion:119 Resp: 96026

Ion Ratio Lower Upper

119 100

91 71.0 30.3 91.0

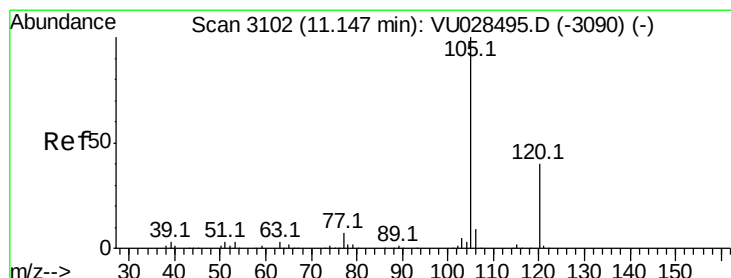
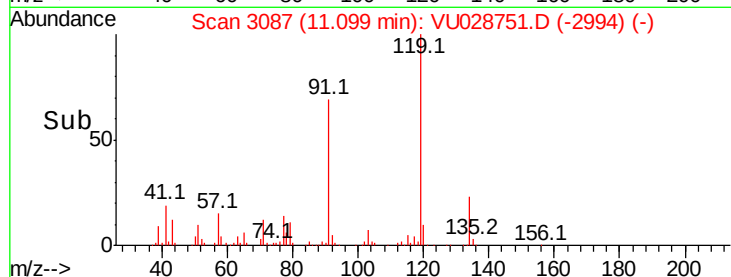
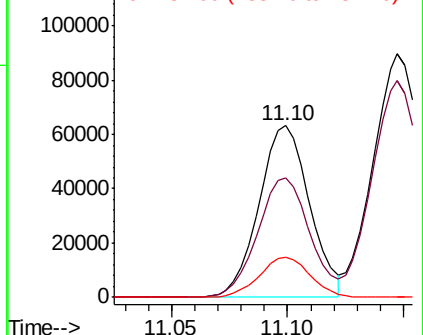
134 23.7 11.2 33.5



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VU0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 283.421 ug/l

RT: 11.15 min Scan# 3102

Delta R.T. 0.00 min

Lab File: VU028751.D

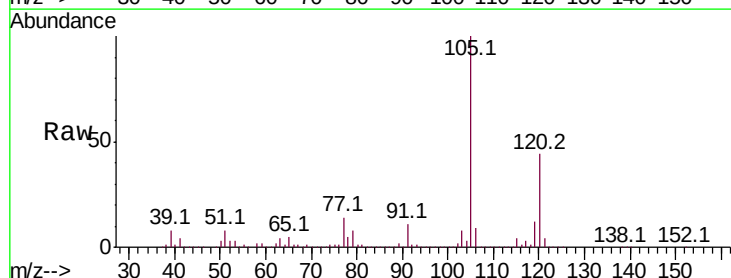
Acq: 18 Dec 2018 04:23

Tgt Ion:105 Resp: 1135209

Ion Ratio Lower Upper

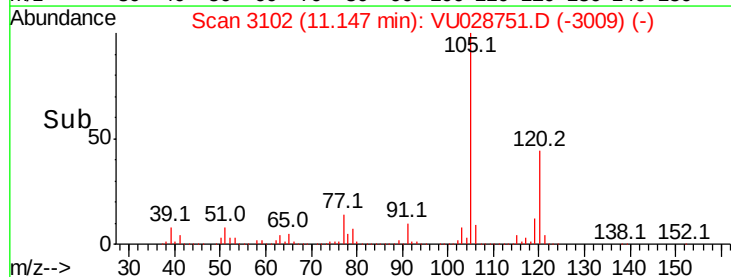
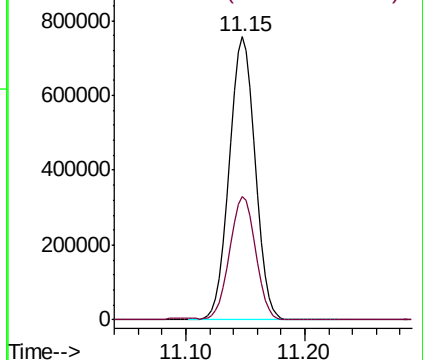
105 100

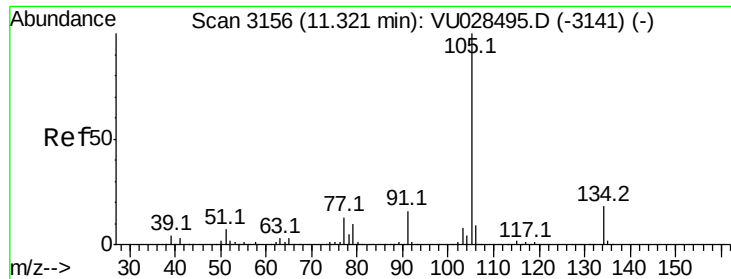
120 44.0 21.8 65.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

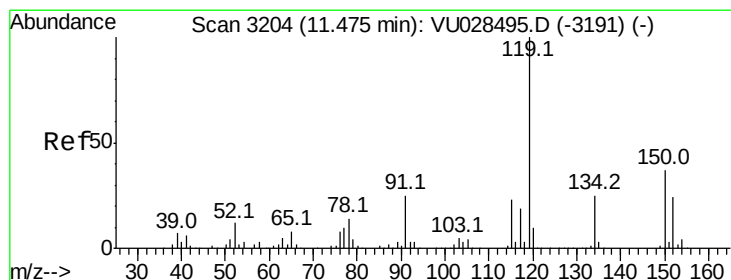
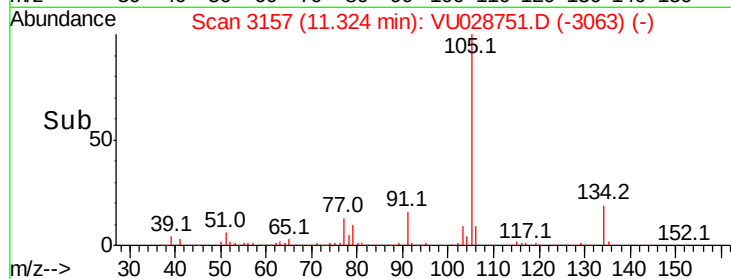
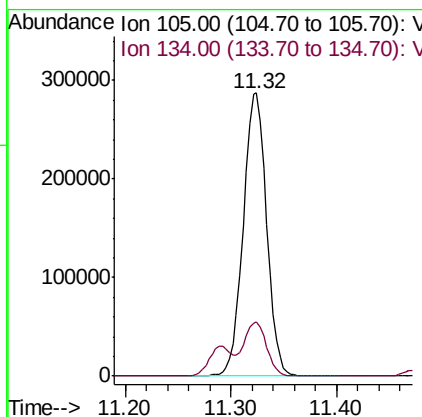
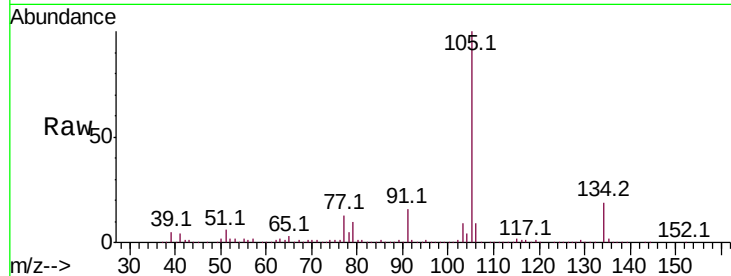




#85
 sec-Butylbenzene
 Concen: 91.386 ug/l
 RT: 11.32 min Scan# 3157
 Delta R.T. 0.00 min
 Lab File: VU028751.D
 Acq: 18 Dec 2018 04:23

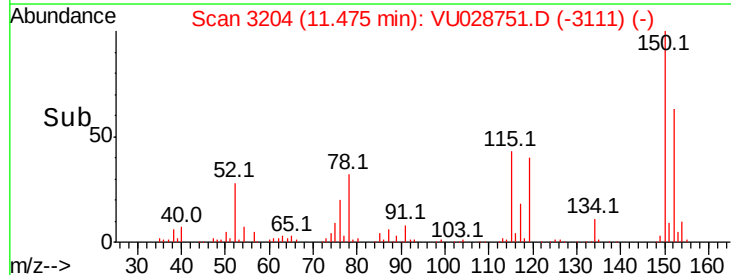
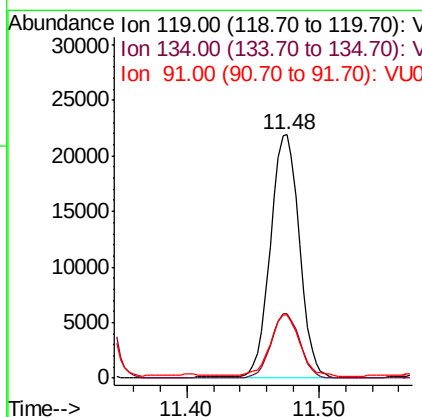
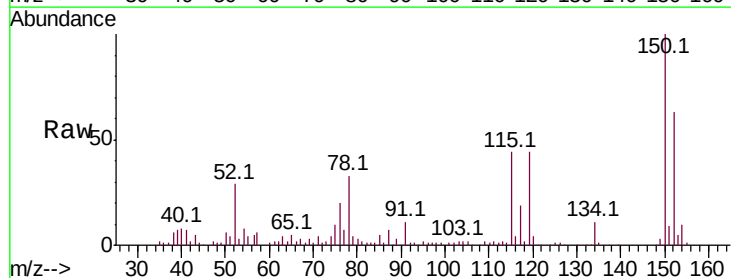
Instrument :
 MSVOA_U
 ClientSampleId :

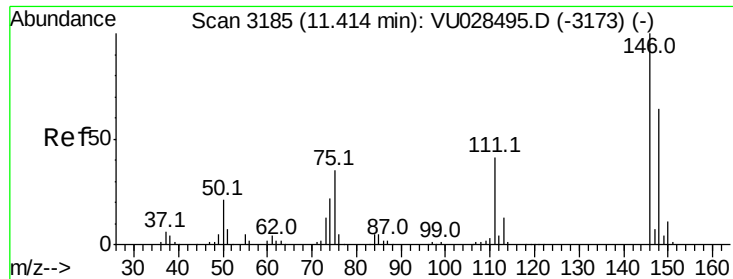
Tot Ion:105 Resp: 439795
 Ion Ratio Lower Upper
 105 100
 134 18.5 9.2 27.6



#86
 p-Isopropyltoluene
 Concen: 8.256 ug/l
 RT: 11.48 min Scan# 3204
 Delta R.T. 0.00 min
 Lab File: VU028751.D
 Acq: 18 Dec 2018 04:23

Tgt Ion:119 Resp: 33752
 Ion Ratio Lower Upper
 119 100
 134 25.8 12.7 38.1
 91 25.7 12.6 37.6

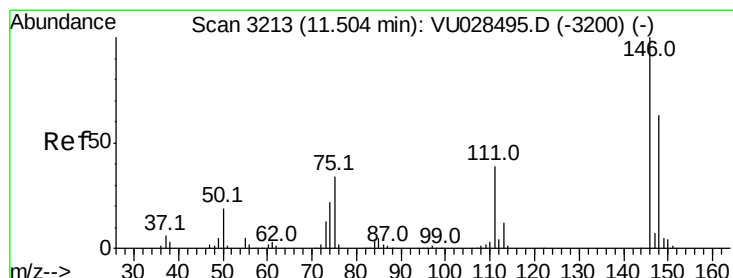
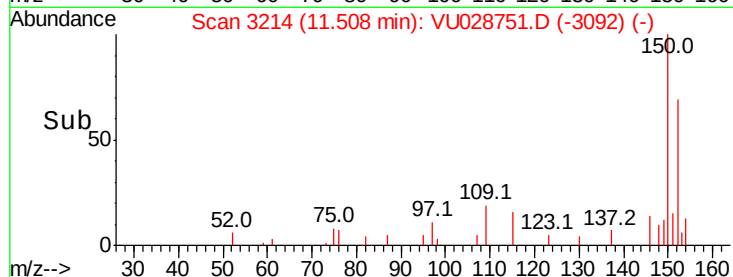
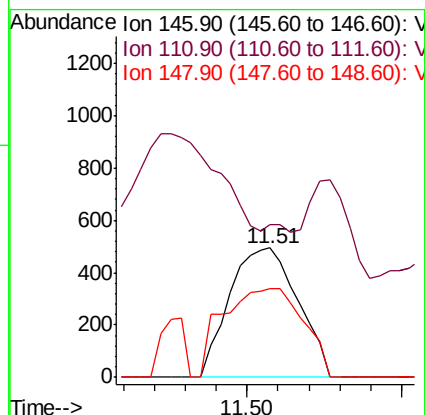
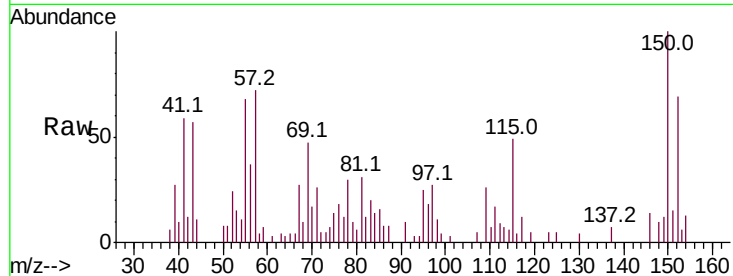




#87
 1,3-Dichlorobenzene
 Concen: 0.366 ug/l
 RT: 11.51 min Scan# 3214
 Delta R.T. 0.09 min
 Lab File: VU028751.D
 Acq: 18 Dec 2018 04:23

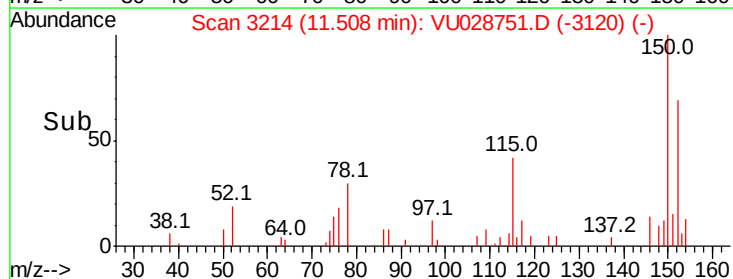
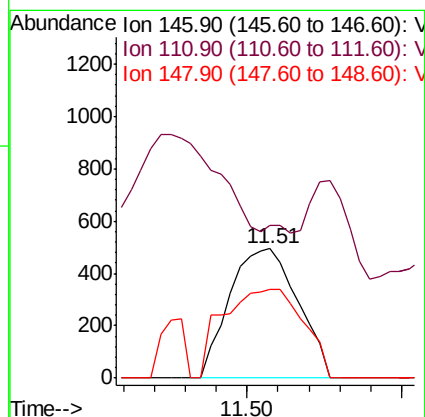
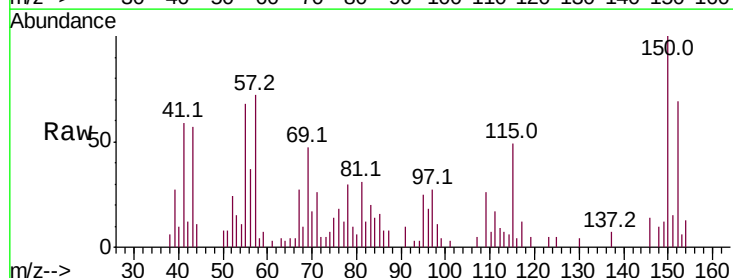
Instrument :
 MSVOA_U
 ClientSampled :

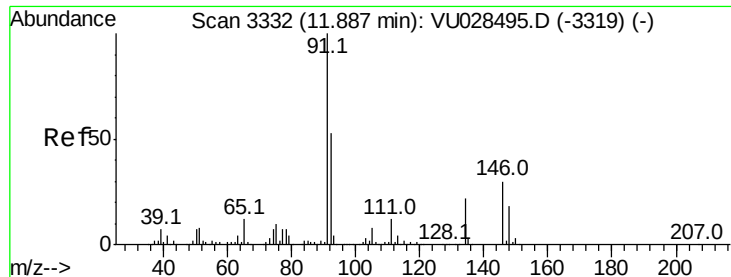
Tot Ion:146 Resp: 758
 Ion Ratio Lower Upper
 146 100
 111 43.9 20.7 62.1
 148 81.0 31.9 95.7



#88
 1,4-Dichlorobenzene
 Concen: 0.353 ug/l
 RT: 11.51 min Scan# 3214
 Delta R.T. 0.00 min
 Lab File: VU028751.D
 Acq: 18 Dec 2018 04:23

Tgt Ion:146 Resp: 758
 Ion Ratio Lower Upper
 146 100
 111 43.9 20.2 60.5
 148 81.0 31.6 95.0





#89

n-Butylbenzene

Concen: 48.020 ug/l

RT: 11.89 min Scan# 3332

Delta R.T. 0.00 min

Lab File: VU028751.D

Acq: 18 Dec 2018 04:23

Instrument :

MSVOA_U

ClientSampled :

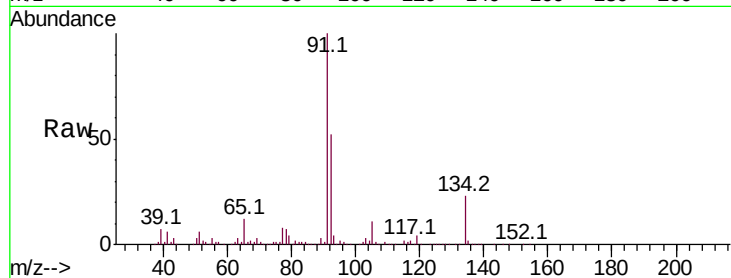
Tot Ion: 91 Resp: 198674

Ion Ratio Lower Upper

91 100

92 46.0 26.3 78.9

134 0.0 11.3 33.8#

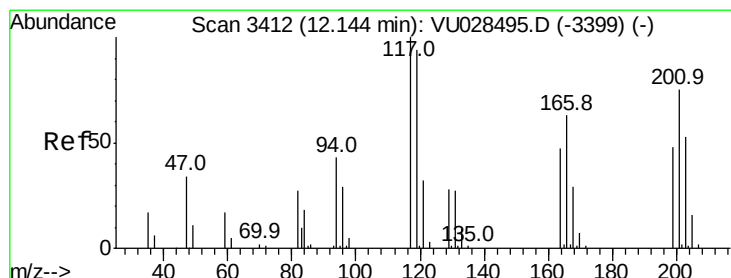
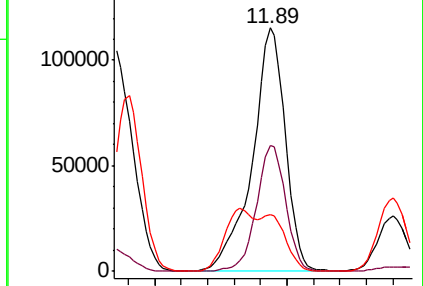
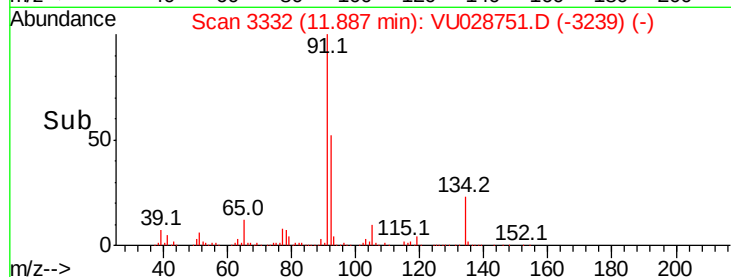


Abundance Ion 91.00 (90.70 to 91.70): VU028495.D (-3319) (-)

Ion 92.00 (91.70 to 92.70): VU028495.D (-3319) (-)

Ion 134.00 (133.70 to 134.70): VU028495.D (-3319) (-)

Time-->



#90

Hexachloroethane

Concen: 109.188 ug/l

RT: 12.25 min Scan# 3445

Delta R.T. 0.11 min

Lab File: VU028751.D

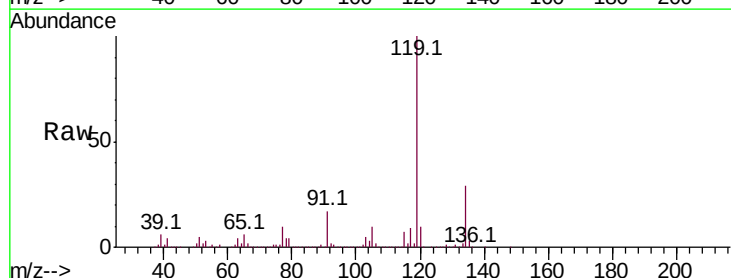
Acq: 18 Dec 2018 04:23

Tgt Ion: 117 Resp: 67467

Ion Ratio Lower Upper

117 100

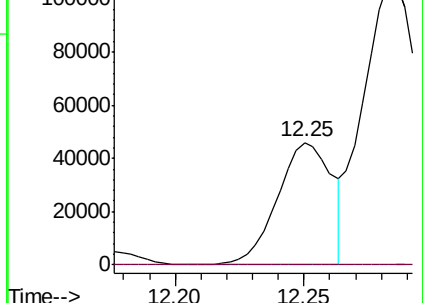
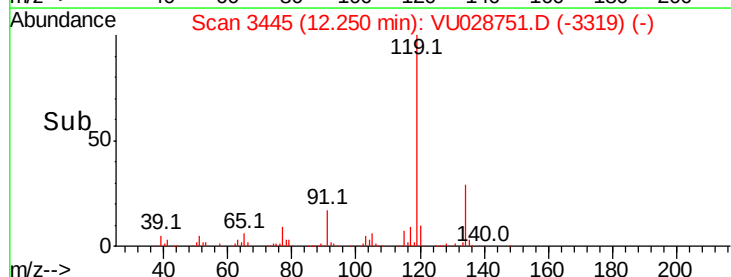
201 0.0 38.1 114.5#

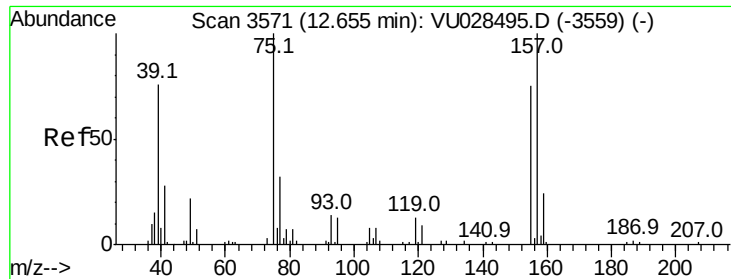


Abundance Ion 116.80 (116.50 to 117.50): VU028495.D (-3399) (-)

Ion 200.70 (200.40 to 201.40): VU028495.D (-3399) (-)

Time-->

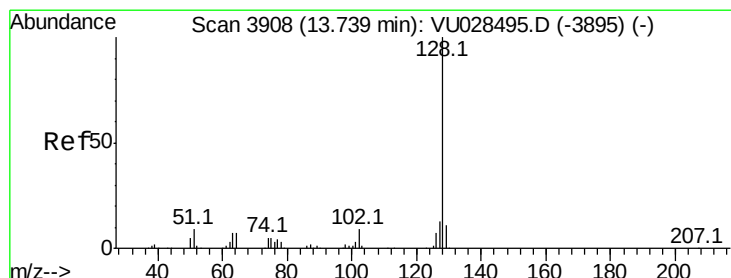
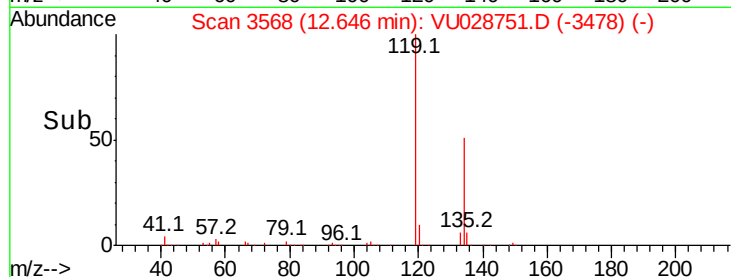
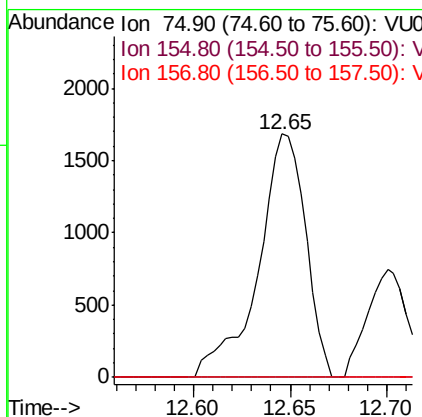
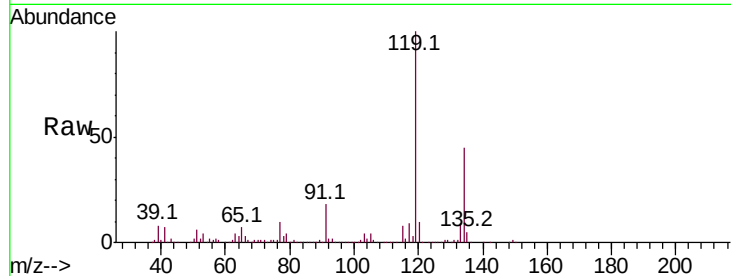




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 7.332 ug/l
 RT: 12.65 min Scan# 3568
 Delta R.T. -0.01 min
 Lab File: VU028751.D
 Acq: 18 Dec 2018 04:23

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion: 75 Resp: 2863
 Ion Ratio Lower Upper
 75 100
 155 0.0 38.1 114.5#
 157 0.0 48.7 146.1#



#95
 Naphthalene
 Concen: 1.076 ug/l
 RT: 13.74 min Scan# 3908
 Delta R.T. 0.00 min
 Lab File: VU028751.D
 Acq: 18 Dec 2018 04:23

Tgt Ion:128 Resp: 5354
 Ion Ratio Lower Upper
 128 100
 127 14.8 10.4 15.6
 129 26.3 8.6 13.0#

