

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U121318\
 Data File : VU028626.D
 Acq On : 11 Dec 2018 22:52
 Operator : MD/SY
 Sample : J6195-08
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 OR-02-121018-B

Quant Time: Dec 12 04:14:26 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	78627	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	144369	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	131902	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	51029	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.31	65	68069	56.73	ug/l	0.00
Spiked Amount			Recovery	=	113.46%	
35) Dibromofluoromethane	4.88	113	48897	53.82	ug/l	0.00
Spiked Amount			Recovery	=	107.64%	
50) Toluene-d8	7.56	98	190117	52.90	ug/l	0.00
Spiked Amount			Recovery	=	105.80%	
62) 4-Bromofluorobenzene	10.30	95	61747	45.97	ug/l	0.00
Spiked Amount			Recovery	=	91.94%	

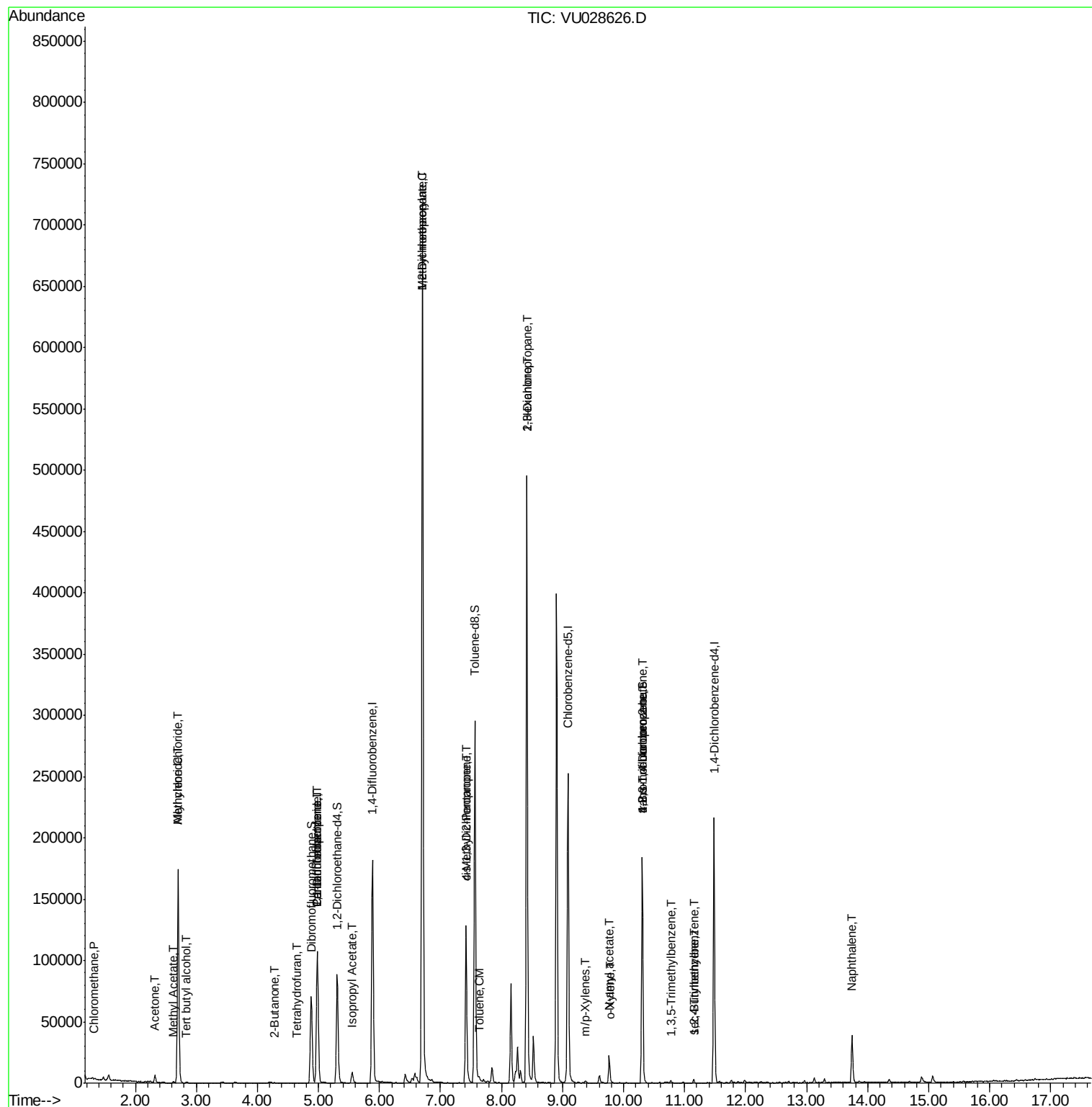
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.33	50	1018	0.525	ug/l	94
11) Tert butyl alcohol	2.84	59	309	1.156	ug/l #	73
14) Allyl chloride	2.70	41	3637	1.756	ug/l #	27
16) Acetone	2.32	43	6659	8.505	ug/l	94
18) Methyl Acetate	2.62	43	1554	0.766	ug/l #	74
20) Methylene Chloride	2.70	84	69977	60.626	ug/l	96
25) 2-Butanone	4.29	43	270	0.252	ug/l #	52
29) Tetrahydrofuran	4.65	42	165	0.240	ug/l #	37
31) Cyclohexane	4.98	56	1975	Below Cal	#	1
36) 1,1-Dichloropropene	4.98	75	7152	4.527	ug/l #	48
38) Carbon Tetrachloride	4.98	117	8169	6.415	ug/l #	14
43) Isopropyl Acetate	5.55	43	10822	3.350	ug/l	96
45) 1,2-Dichloropropane	6.70	63	751	0.574	ug/l #	44
48) Methyl methacrylate	6.70	41	62983	39.208	ug/l #	46
51) 4-Methyl-2-Pentanone	7.42	43	51012	25.039	ug/l #	46
52) Toluene	7.64	92	1114	0.407	ug/l	100
54) cis-1,3-Dichloropropene	7.42	75	21195	10.858	ug/l #	59
57) 1,3-Dichloropropane	8.41	76	4145	2.063	ug/l #	43
59) 2-Hexanone	8.41	43	73169	45.312	ug/l #	53
68) m/p-Xylenes	9.37	106	641	0.341	ug/l	89
69) o-Xylene	9.78	106	368	0.201	ug/l	93
74) N-amyl acetate	9.76	43	7979	3.533	ug/l #	53
76) 1,2,3-Trichloropropane	10.30	75	32657	25.062	ug/l #	36
80) 1,3,5-Trimethylbenzene	10.77	105	1438	0.444	ug/l	94
81) trans-1,4-Dichloro-2-buten	10.30	75	32657	61.498	ug/l #	100
84) 1,2,4-Trimethylbenzene	11.15	105	2166	0.648	ug/l	96
85) sec-Butylbenzene	11.15	105	2166	0.540	ug/l #	59
95) Naphthalene	13.74	128	31889	7.683	ug/l	100

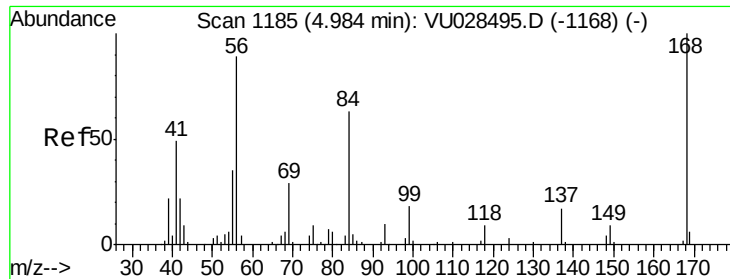
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU121318\
Data File : VU028626.D
Acq On : 11 Dec 2018 22:52
Operator : MD/SY
Sample : J6195-08
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
OR-02-121018-B

Quant Time: Dec 12 04:14:26 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\82U120618W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 07 00:39:42 2018
Response via : Initial Calibration

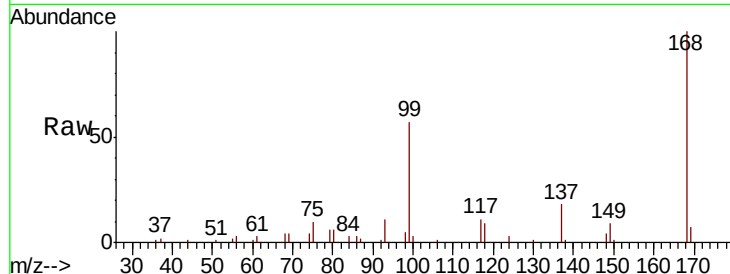




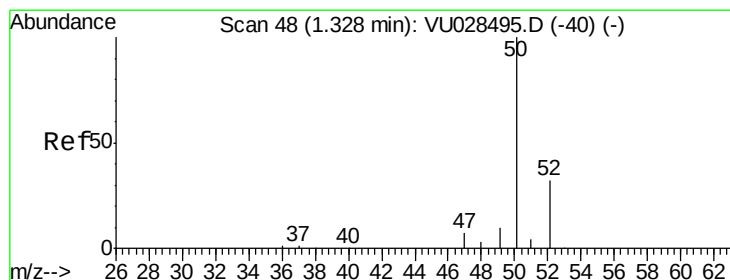
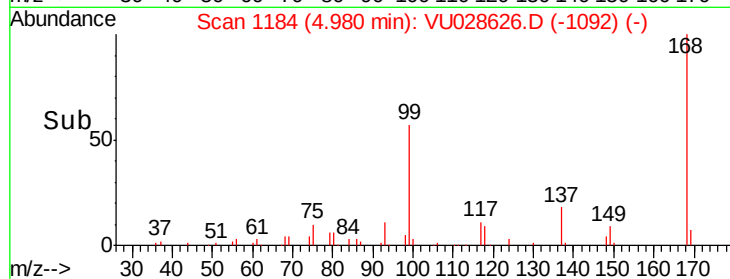
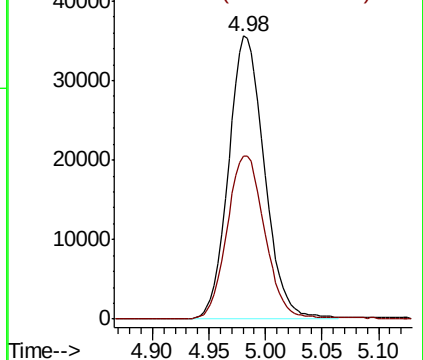
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.98 min Scan# 1184
Delta R.T. -0.00 min
Lab File: VU028626.D
Acq: 11 Dec 2018 22:52

Instrument :
MSVOA_U
ClientSampleId :
OR-02-121018-B

Tot Ion:168 Resp: 78627
Ion Ratio Lower Upper
168 100
99 57.4 46.6 69.8

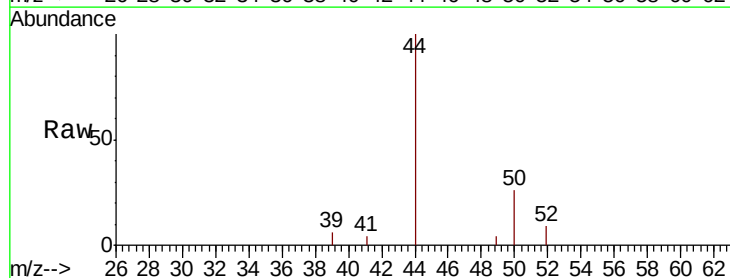


Abundance Ion 167.90 (167.60 to 168.60): VU028495.D (-1168) (-)
Ion 98.90 (98.60 to 99.60): VU028495.D (-1168) (-)

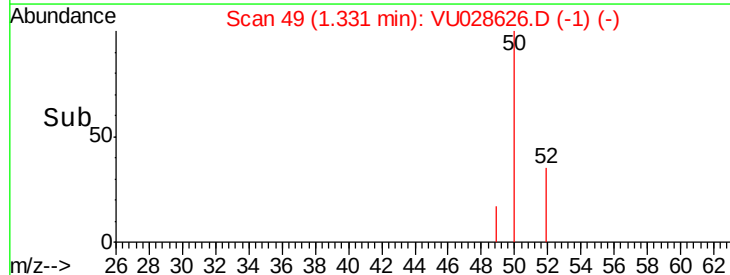
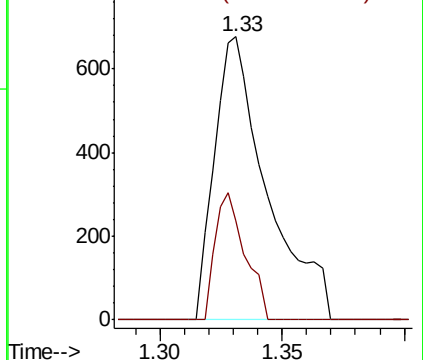


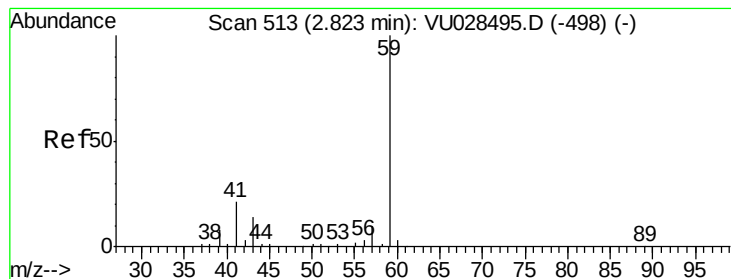
#3
Chloromethane
Concen: 0.525 ug/l
RT: 1.33 min Scan# 49
Delta R.T. 0.00 min
Lab File: VU028626.D
Acq: 11 Dec 2018 22:52

Tgt Ion: 50 Resp: 1018
Ion Ratio Lower Upper
50 100
52 35.0 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) (-)





#11

Tert butyl alcohol

Concen: 1.156 ug/l

RT: 2.84 min Scan# 519

Delta R.T. 0.02 min

Lab File: VU028626.D

Acq: 11 Dec 2018 22:52

Instrument :

MSVOA_U

ClientSampleId :

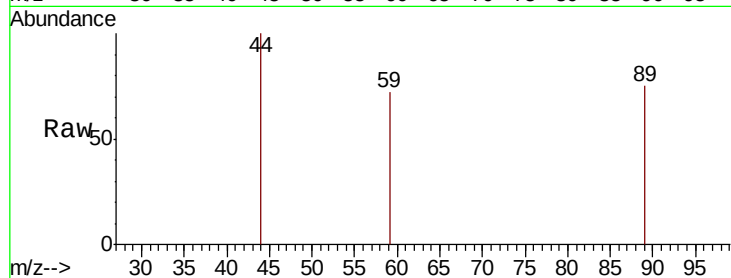
OR-02-121018-B

Tot Ion: 59 Resp: 309

Ion Ratio Lower Upper

59 100

57 0.0 8.0 12.0#



Abundance Ion 59.00 (58.70 to 59.70): VU0

Ion 57.00 (56.70 to 57.70): VU0

2.84

200

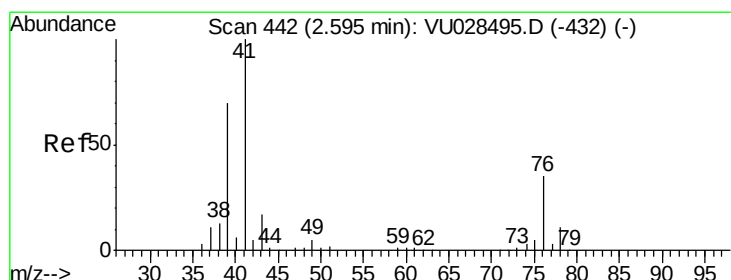
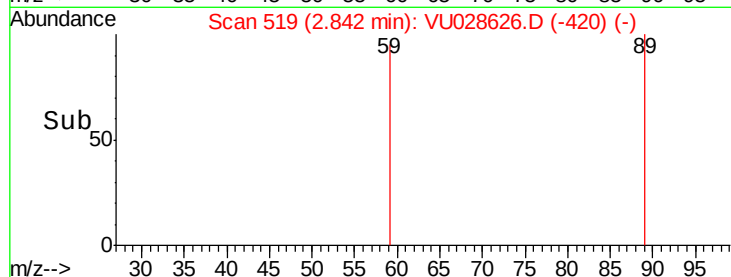
150

100

50

0

Time-->



#14

Allyl chloride

Concen: 1.756 ug/l

RT: 2.70 min Scan# 475

Delta R.T. 0.11 min

Lab File: VU028626.D

Acq: 11 Dec 2018 22:52

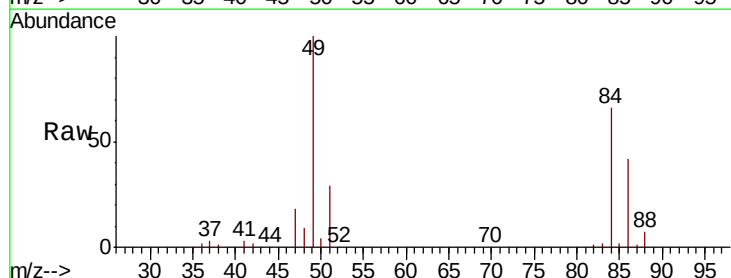
Tgt Ion: 41 Resp: 3637

Ion Ratio Lower Upper

41 100

39 0.0 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

2.70

2500

2000

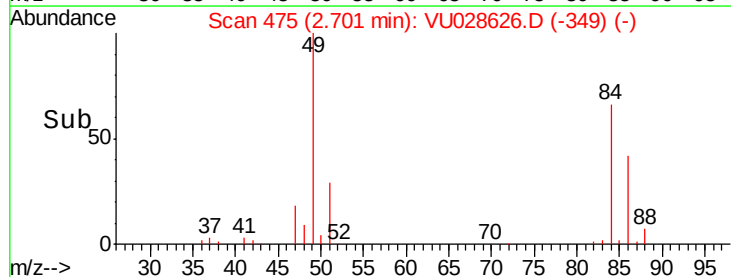
1500

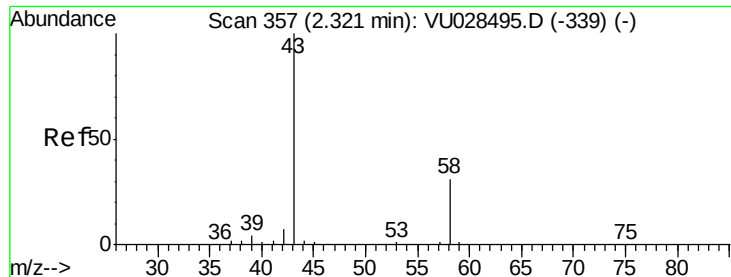
1000

500

0

Time-->





#16

Acetone

Concen: 8.505 ug/l

RT: 2.32 min Scan# 357

Delta R.T. -0.00 min

Lab File: VU028626.D

Acq: 11 Dec 2018 22:52

Instrument :

MSVOA_U

ClientSampleId :

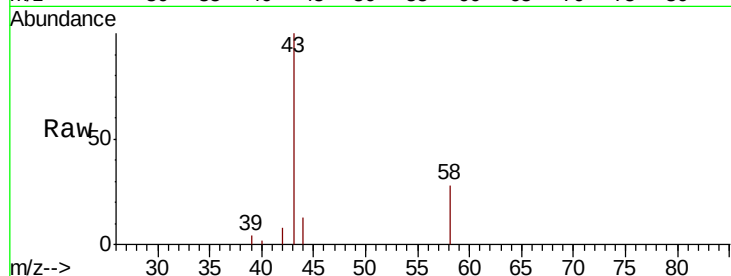
OR-02-121018-B

Tot Ion: 43 Resp: 6659

Ion Ratio Lower Upper

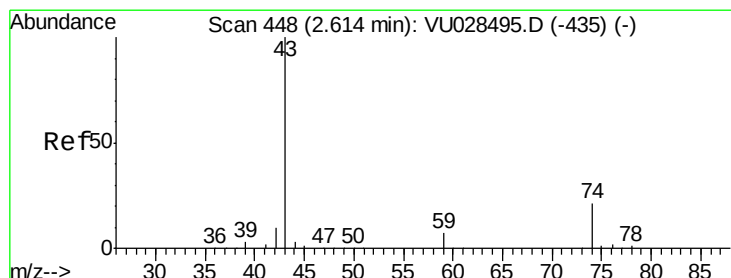
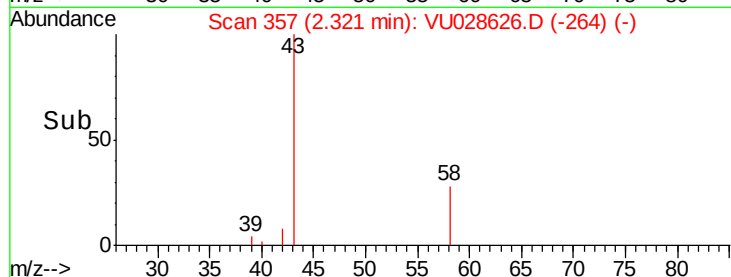
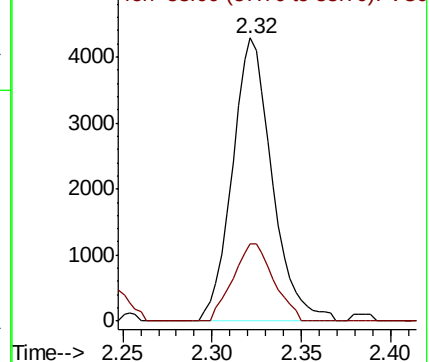
43 100

58 27.5 24.6 37.0



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0



#18

Methyl Acetate

Concen: 0.766 ug/l

RT: 2.62 min Scan# 450

Delta R.T. 0.01 min

Lab File: VU028626.D

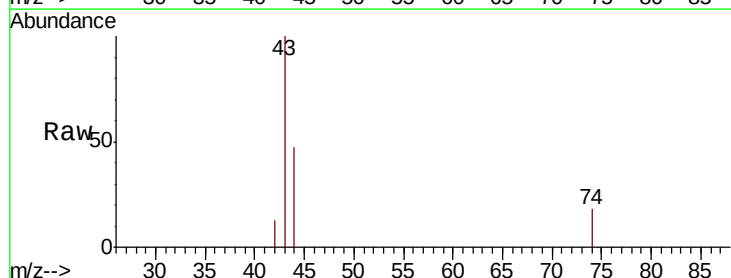
Acq: 11 Dec 2018 22:52

Tgt Ion: 43 Resp: 1554

Ion Ratio Lower Upper

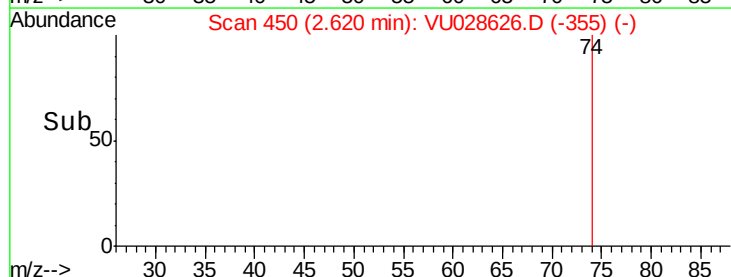
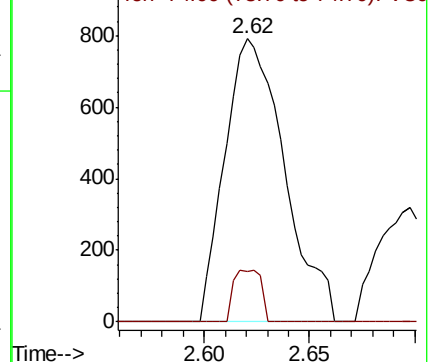
43 100

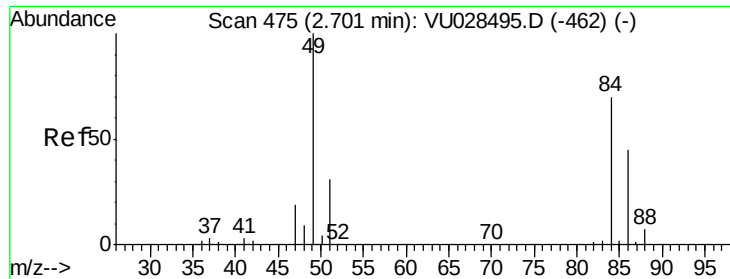
74 8.4 16.4 24.6#



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 74.00 (73.70 to 74.70): VU0

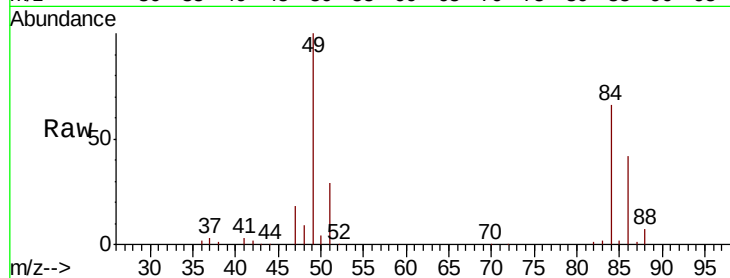




#20
Methvlene Chloride
Concen: 60.626 ug/l
RT: 2.70 min Scan# 475
Delta R.T. -0.00 min
Lab File: VU028626.D
Acq: 11 Dec 2018 22:52

Instrument :
MSVOA_U
ClientSampleId :
OR-02-121018-B

Tot Ion	Ratio	Lower	Upper
84	100		
49	151.3	114.0	171.0
51	44.3	35.1	52.7
86	63.7	51.0	76.6



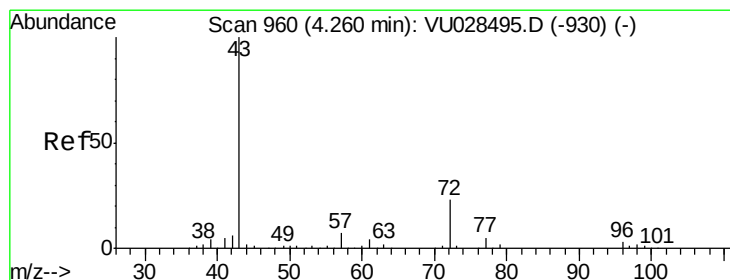
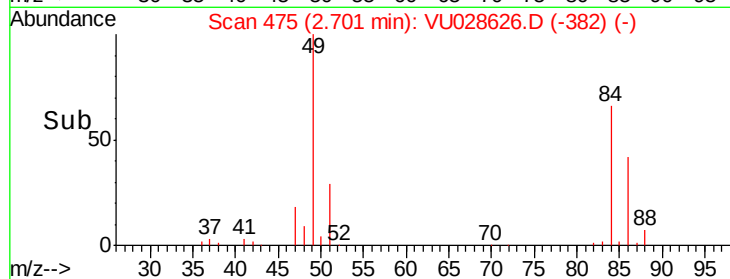
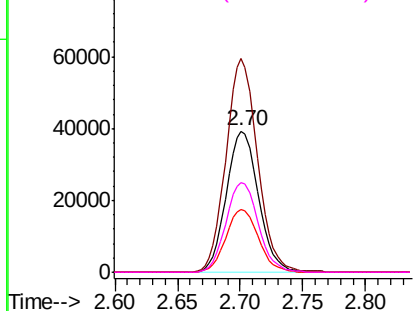
Abundance

Ion 83.90 (83.60 to 84.60): VU0

Ion 48.90 (48.60 to 49.60): VU0

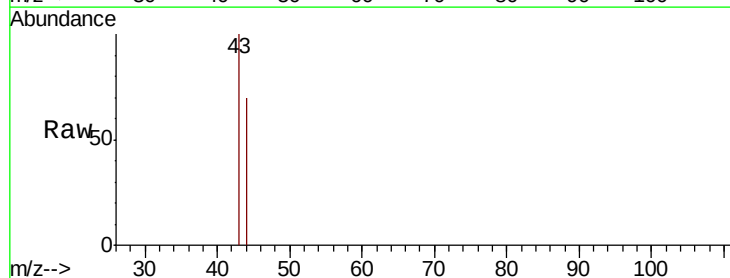
Ion 50.90 (50.60 to 51.60): VU0

Ion 85.90 (85.60 to 86.60): VU0



#25
2-Butanone
Concen: 0.252 ug/l
RT: 4.29 min Scan# 968
Delta R.T. 0.03 min
Lab File: VU028626.D
Acq: 11 Dec 2018 22:52

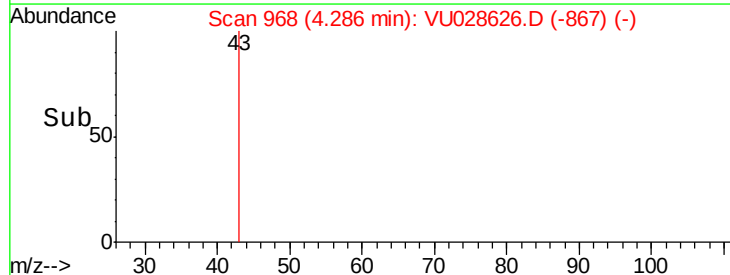
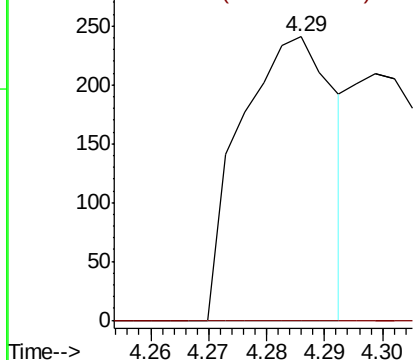
Tgt Ion	Ratio	Lower	Upper
43	100		
72	0.0	18.6	28.0#

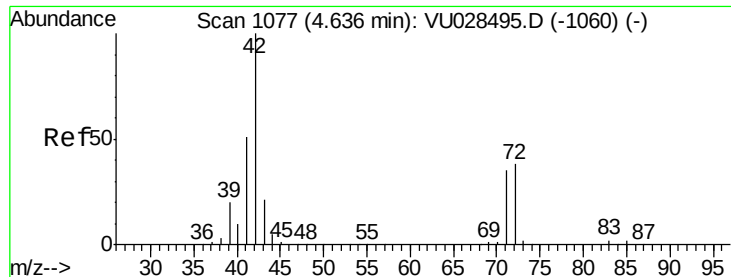


Abundance

Ion 43.00 (42.70 to 43.70): VU0

Ion 72.00 (71.70 to 72.70): VU0





#29

Tetrahydrofuran

Concen: 0.240 ug/l

RT: 4.65 min Scan# 1081

Delta R.T. 0.01 min

Lab File: VU028626.D

Acq: 11 Dec 2018 22:52

Instrument :

MSVOA_U

ClientSampleId :

OR-02-121018-B

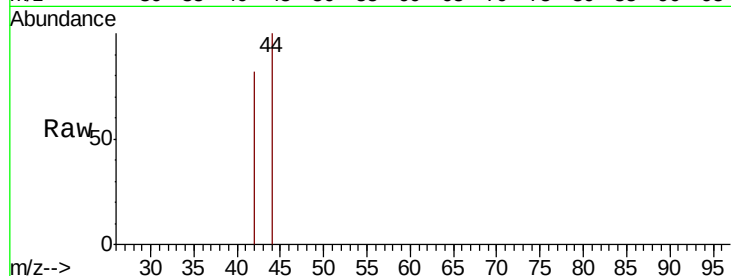
Tot Ion: 42 Resp: 165

Ion Ratio Lower Upper

42 100

72 0.0 31.4 47.0#

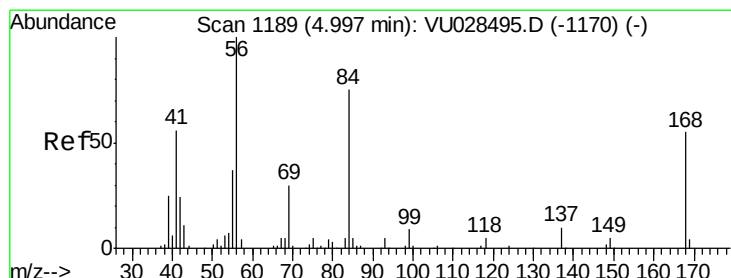
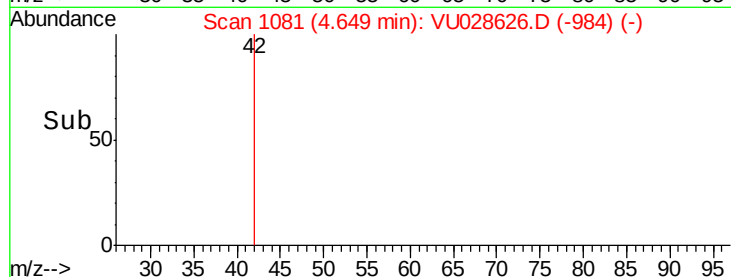
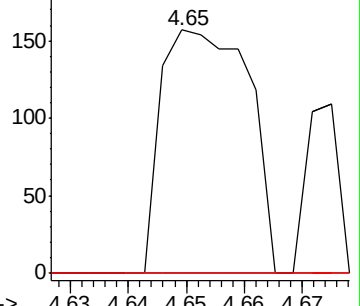
71 0.0 28.6 43.0#



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



#31

Cyclohexane

Concen: Below Cal

RT: 4.98 min Scan# 1183

Delta R.T. -0.02 min

Lab File: VU028626.D

Acq: 11 Dec 2018 22:52

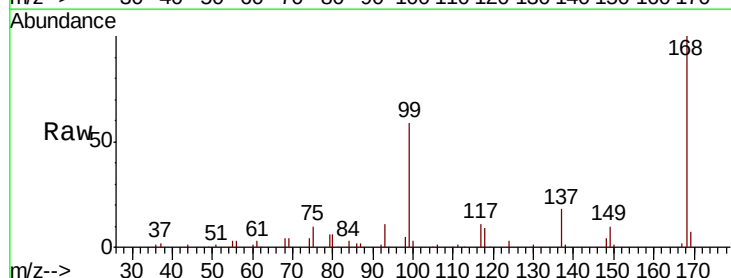
Tgt Ion: 56 Resp: 1975

Ion Ratio Lower Upper

56 100

69 151.9 24.0 36.0#

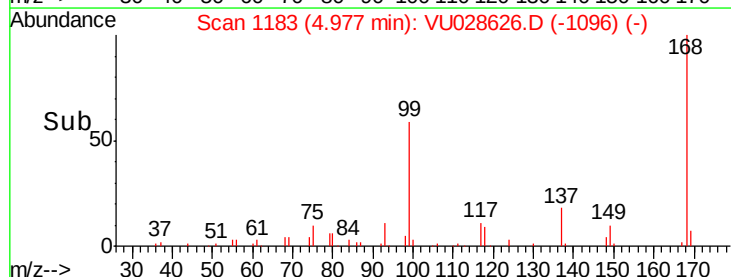
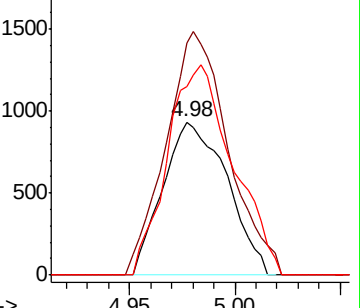
84 123.7 59.7 89.5#

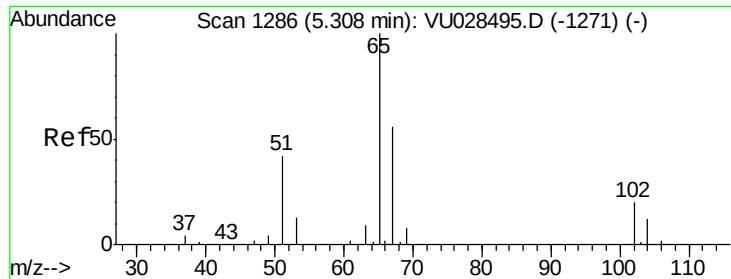


Abundance Ion 56.00 (55.70 to 56.70): VU0

Ion 69.00 (68.70 to 69.70): VU0

Ion 84.00 (83.70 to 84.70): VU0

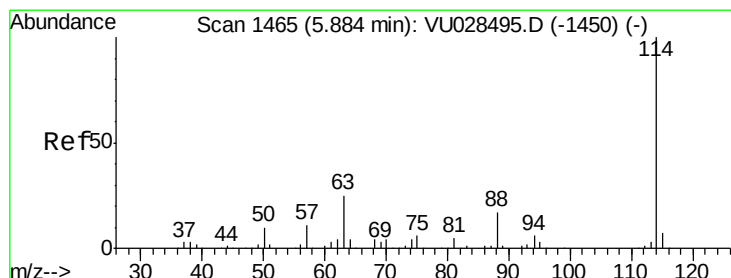
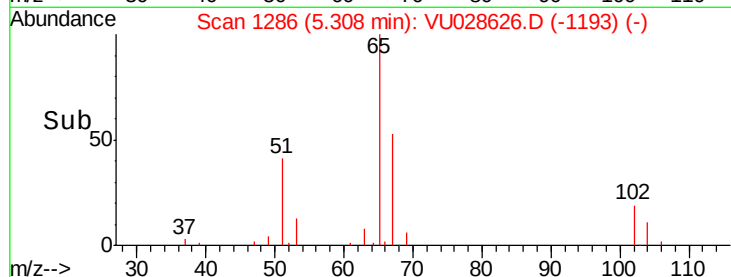
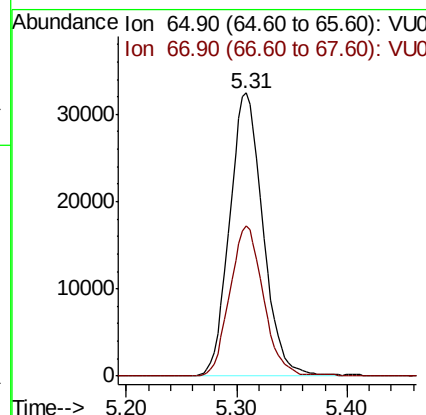
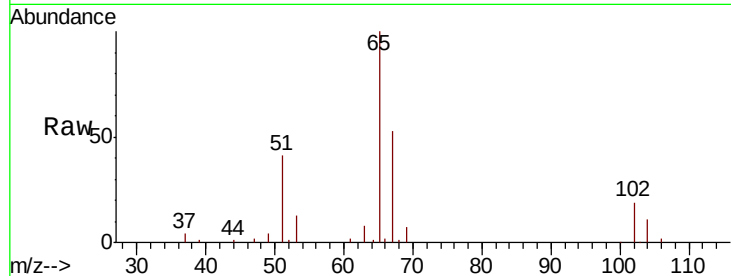




#33
 1,2-Dichloroethane-d4
 Concen: 56.729 ug/l
 RT: 5.31 min Scan# 1286
 Delta R.T. -0.00 min
 Lab File: VU028626.D
 Acq: 11 Dec 2018 22:52

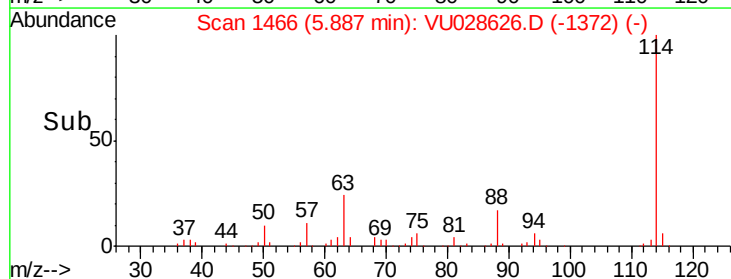
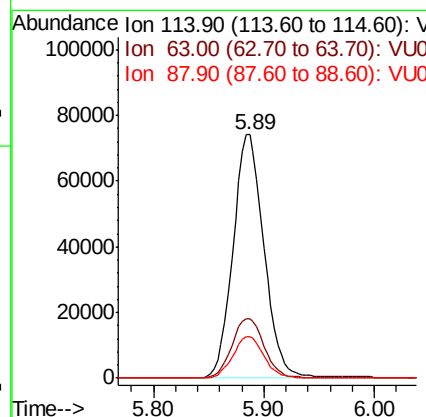
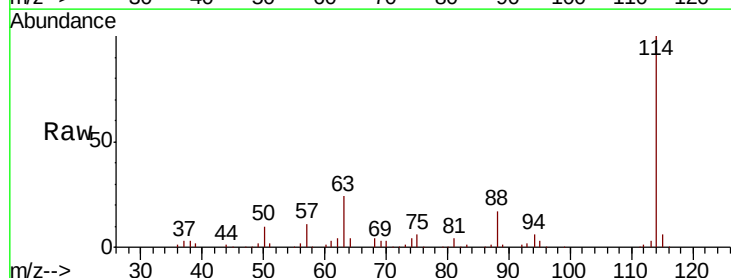
Instrument :
 MSVOA_U
 ClientSampleId :
 OR-02-121018-B

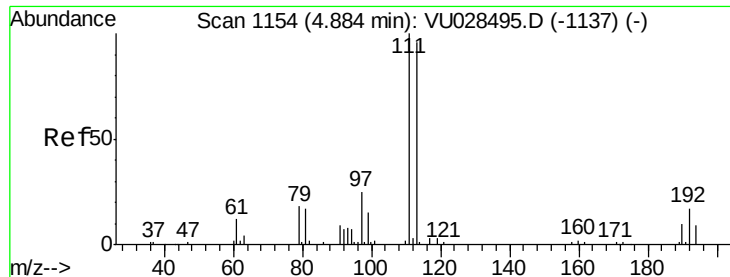
Tot Ion: 65 Resp: 68069
 Ion Ratio Lower Upper
 65 100
 67 52.9 0.0 110.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1466
 Delta R.T. 0.00 min
 Lab File: VU028626.D
 Acq: 11 Dec 2018 22:52

Tgt Ion: 114 Resp: 144369
 Ion Ratio Lower Upper
 114 100
 63 24.3 0.0 49.2
 88 17.1 0.0 33.4

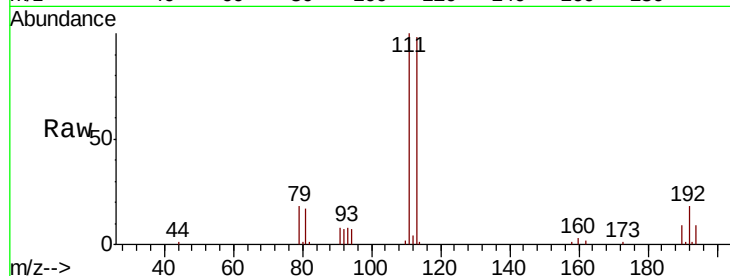




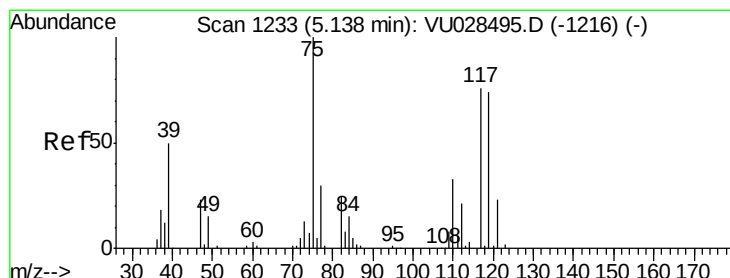
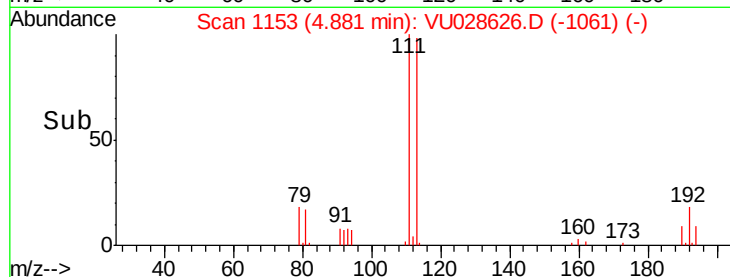
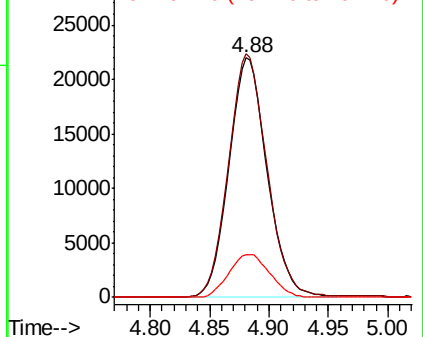
#35
 Dibromofluoromethane
 Concen: 53.820 ug/l
 RT: 4.88 min Scan# 1153
 Delta R.T. -0.00 min
 Lab File: VU028626.D
 Acq: 11 Dec 2018 22:52

Instrument :
 MSVOA_U
 ClientSampleId :
 OR-02-121018-B

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.1	83.4	125.0
192	19.0	14.8	22.2

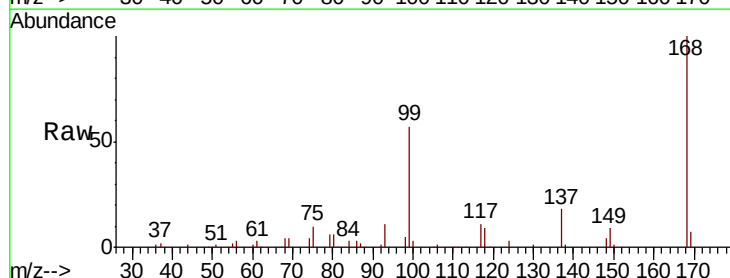


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

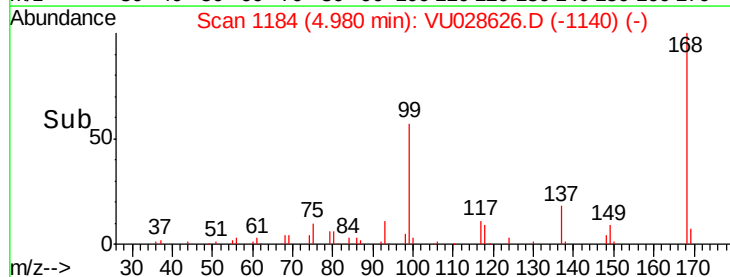
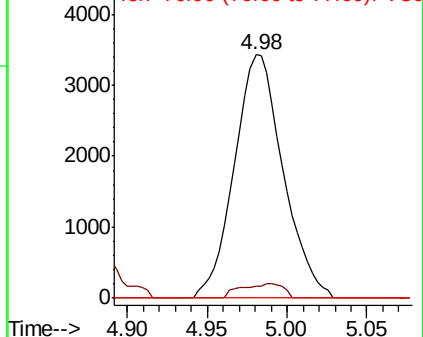


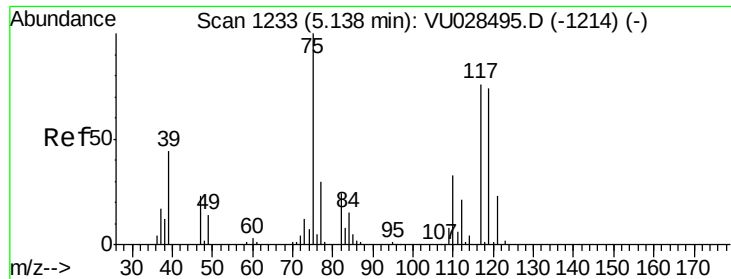
#36
 1,1-Dichloropropene
 Concen: 4.527 ug/l
 RT: 4.98 min Scan# 1184
 Delta R.T. -0.16 min
 Lab File: VU028626.D
 Acq: 11 Dec 2018 22:52

Tgt Ion	Ratio	Lower	Upper
75	100		
110	5.1	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): V
 Ion 76.90 (76.60 to 77.60): VU0





#38

Carbon Tetrachloride

Concen: 6.415 ug/l

RT: 4.98 min Scan# 1185

Delta R.T. -0.15 min

Lab File: VU028626.D

Acq: 11 Dec 2018 22:52

Instrument :

MSVOA_U

ClientSampleId :

OR-02-121018-B

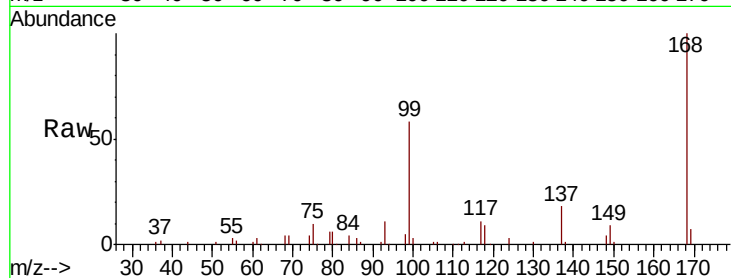
Tot Ion:117 Resp: 8169

Ion Ratio Lower Upper

117 100

119 2.8 77.6 116.4#

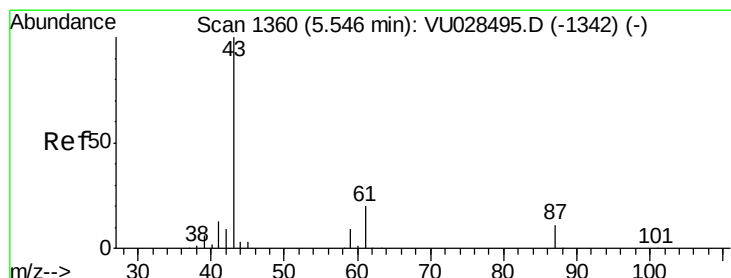
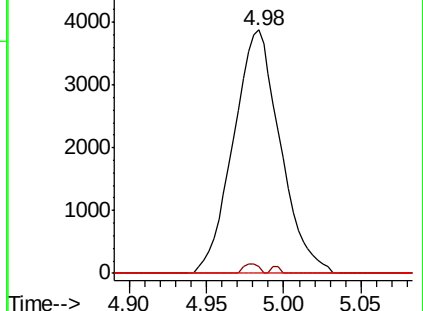
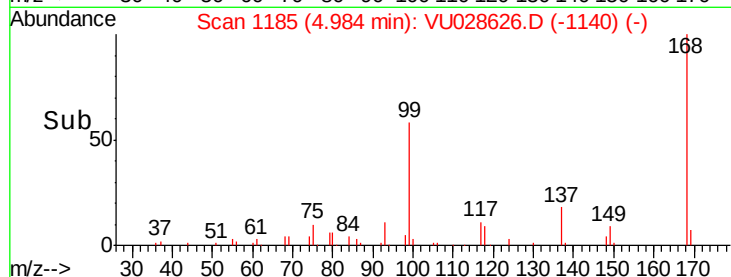
121 0.0 24.6 36.8#



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



#43

Isopropyl Acetate

Concen: 3.350 ug/l

RT: 5.55 min Scan# 1361

Delta R.T. 0.00 min

Lab File: VU028626.D

Acq: 11 Dec 2018 22:52

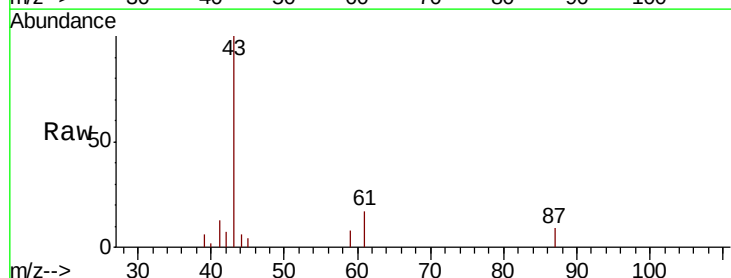
Tgt Ion: 43 Resp: 10822

Ion Ratio Lower Upper

43 100

61 17.5 15.5 23.3

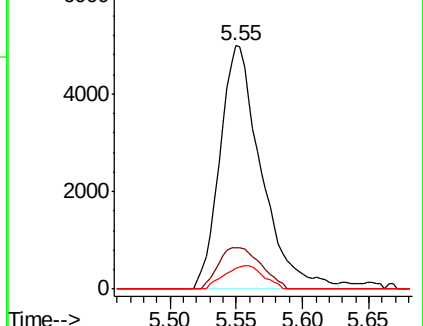
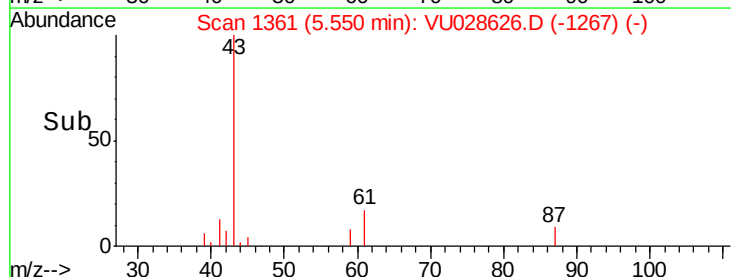
87 9.1 8.7 13.1

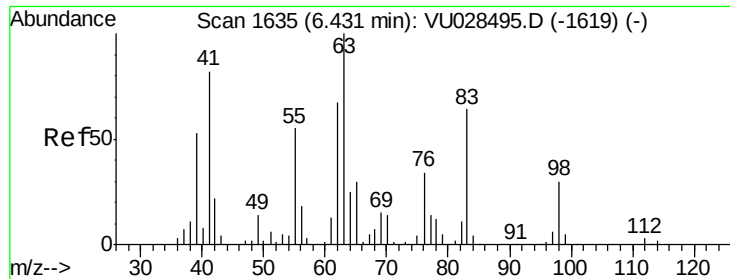


Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 87.00 (86.70 to 87.70): VU0

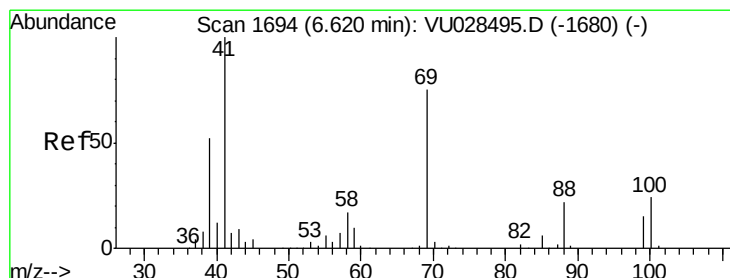
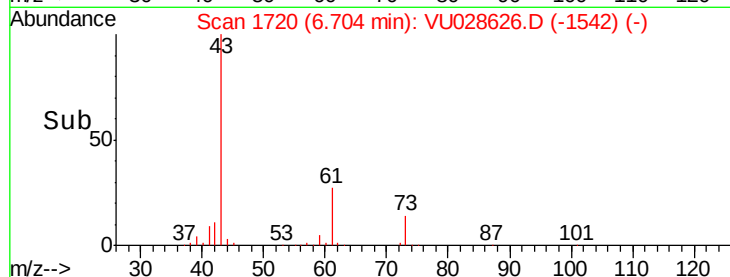
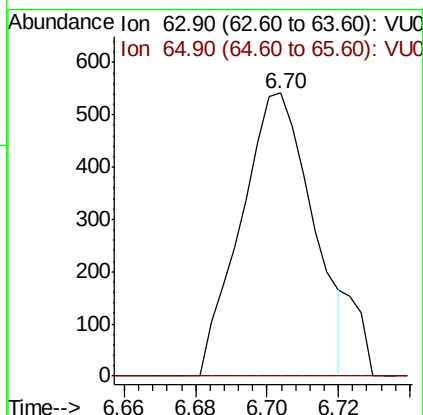
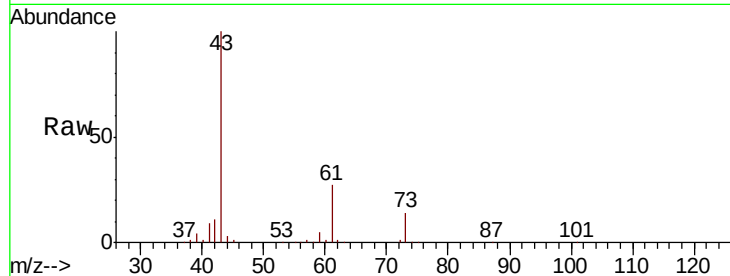




#45
 1,2-Dichloropropane
 Concen: 0.574 ug/l
 RT: 6.70 min Scan# 1720
 Delta R.T. 0.27 min
 Lab File: VU028626.D
 Acq: 11 Dec 2018 22:52

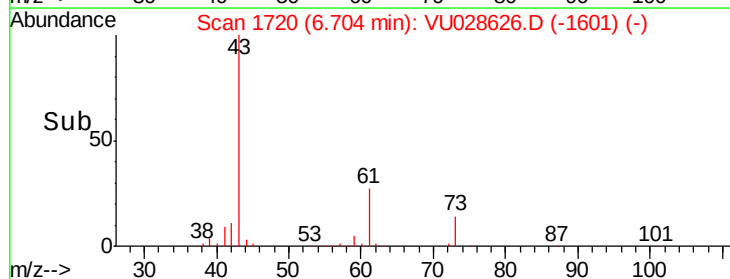
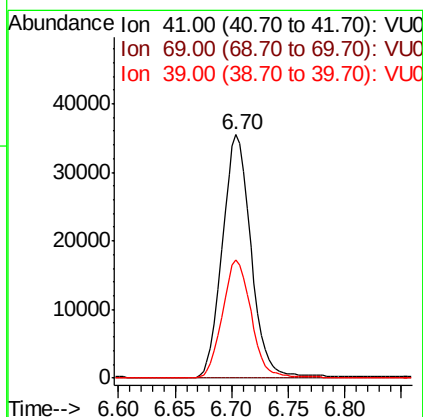
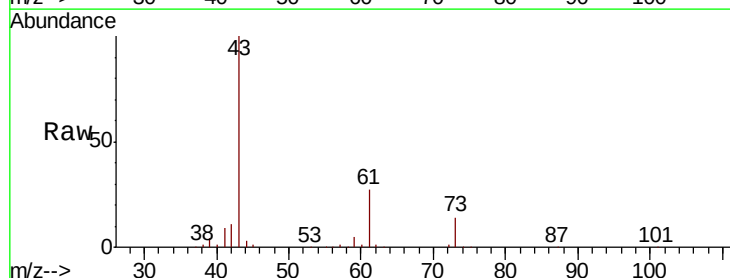
Instrument :
 MSVOA_U
 ClientSampleId :
 OR-02-121018-B

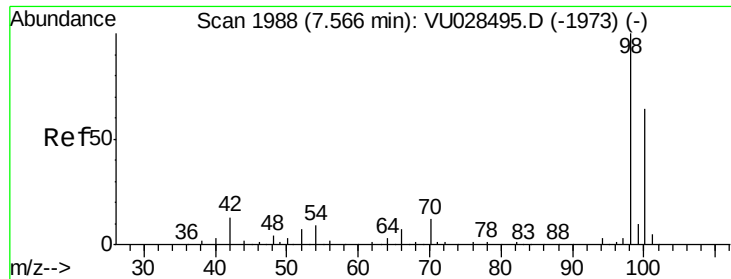
Tot Ion: 63 Resp: 751
 Ion Ratio Lower Upper
 63 100
 65 0.0 24.2 36.4#



#48
 Methyl methacrylate
 Concen: 39.208 ug/l
 RT: 6.70 min Scan# 1720
 Delta R.T. 0.08 min
 Lab File: VU028626.D
 Acq: 11 Dec 2018 22:52

Tgt Ion: 41 Resp: 62983
 Ion Ratio Lower Upper
 41 100
 69 0.0 60.4 90.6#
 39 48.4 41.1 61.7

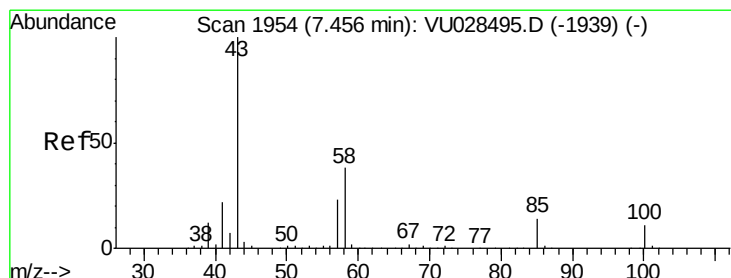
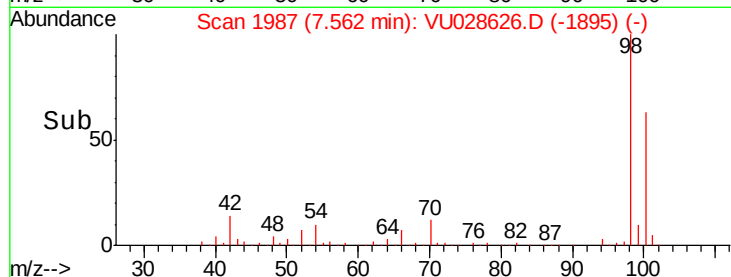
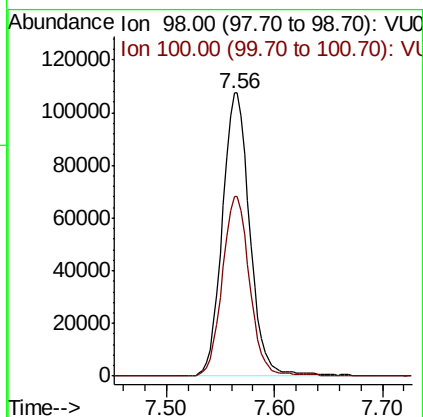
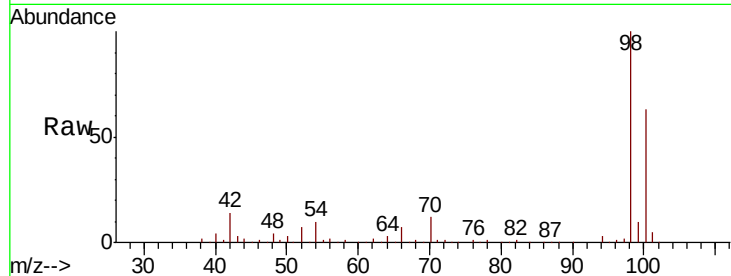




#50
Toluene-d8
Concen: 52.899 ug/l
RT: 7.56 min Scan# 1987
Delta R.T. -0.00 min
Lab File: VU028626.D
Acq: 11 Dec 2018 22:52

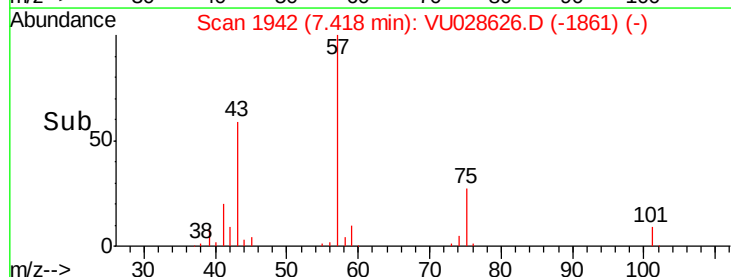
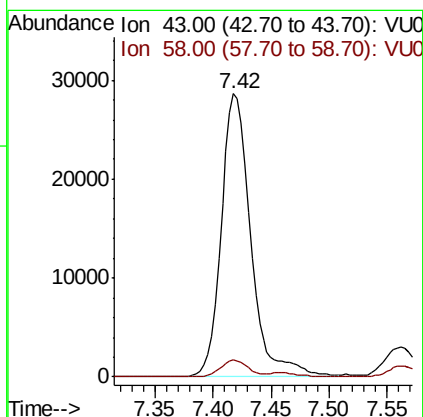
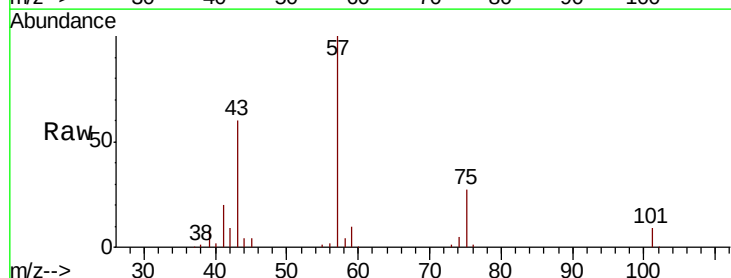
Instrument :
MSVOA_U
ClientSampleId :
OR-02-121018-B

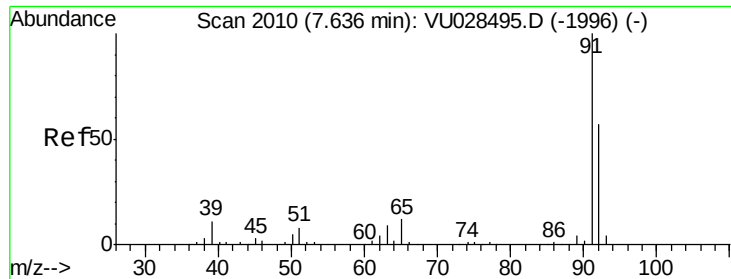
Tot Ion: 98 Resp: 190117
Ion Ratio Lower Upper
98 100
100 63.3 51.0 76.6



#51
4-Methyl-2-Pentanone
Concen: 25.039 ug/l
RT: 7.42 min Scan# 1942
Delta R.T. -0.04 min
Lab File: VU028626.D
Acq: 11 Dec 2018 22:52

Tgt Ion: 43 Resp: 51012
Ion Ratio Lower Upper
43 100
58 5.5 30.2 45.2#





#52

Toluene

Concen: 0.407 ug/l

RT: 7.64 min Scan# 2012

Delta R.T. 0.01 min

Lab File: VU028626.D

Acq: 11 Dec 2018 22:52

Instrument :

MSVOA_U

ClientSampleId :

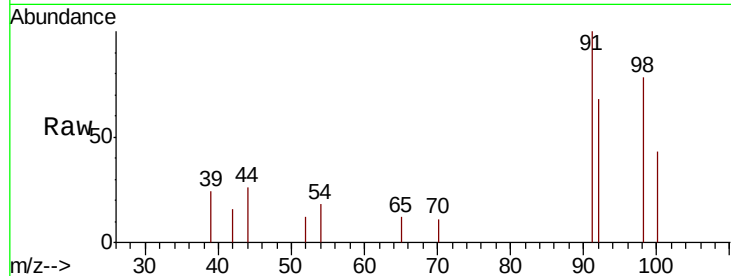
OR-02-121018-B

Tot Ion: 92 Resp: 1114

Ion Ratio Lower Upper

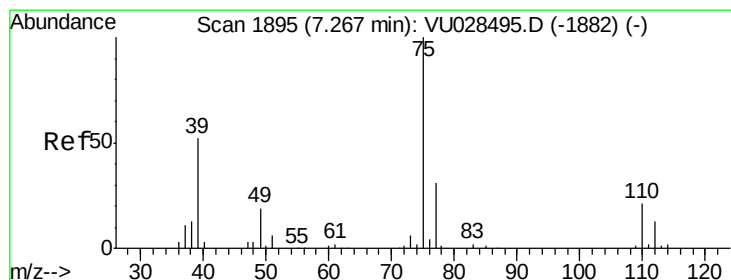
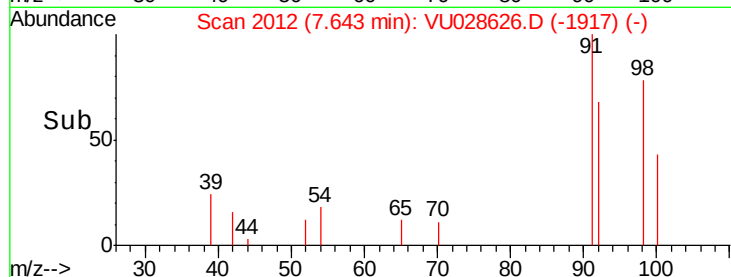
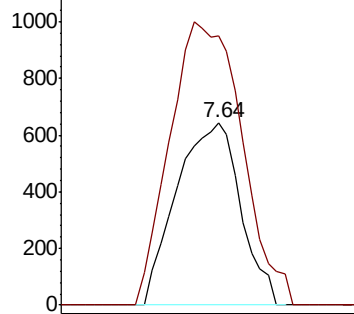
92 100

91 174.9 140.2 210.4



Abundance Ion 92.00 (91.70 to 92.70): VU0

Ion 91.00 (90.70 to 91.70): VU0



#54

cis-1,3-Dichloropropene

Concen: 10.858 ug/l

RT: 7.42 min Scan# 1942

Delta R.T. 0.15 min

Lab File: VU028626.D

Acq: 11 Dec 2018 22:52

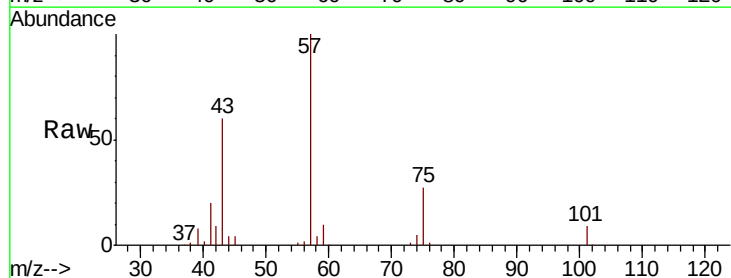
Tgt Ion: 75 Resp: 21195

Ion Ratio Lower Upper

75 100

77 0.0 25.0 37.4#

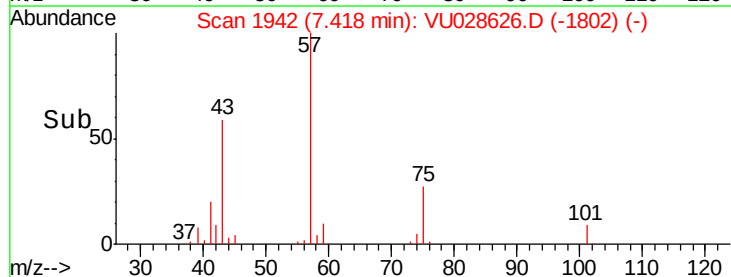
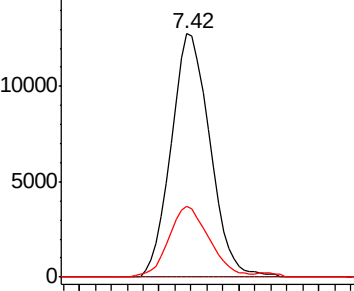
39 29.2 41.3 61.9#

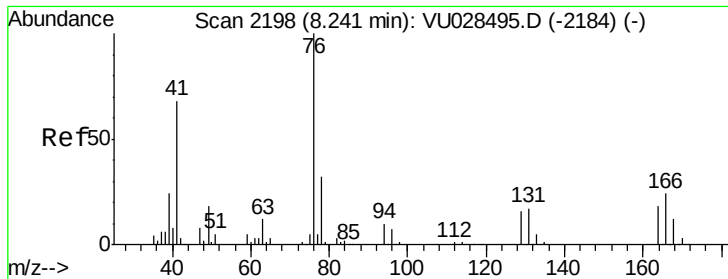


Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 76.90 (76.60 to 77.60): VU0

Ion 39.00 (38.70 to 39.70): VU0

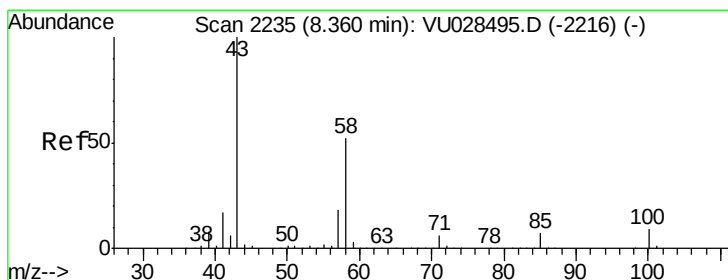
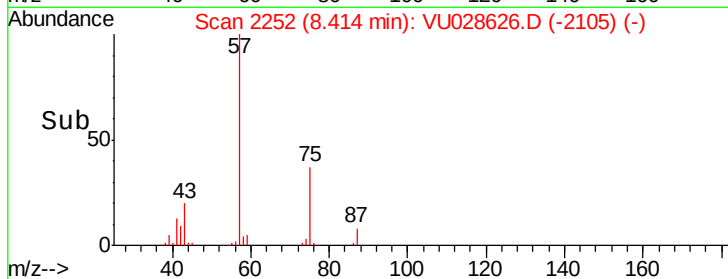
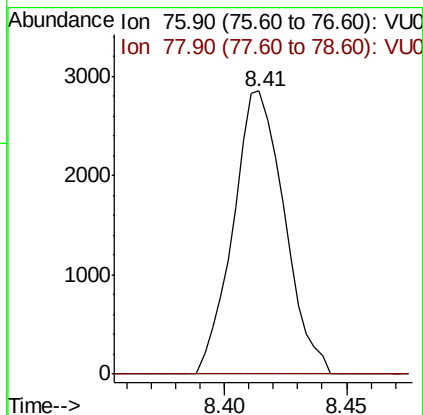
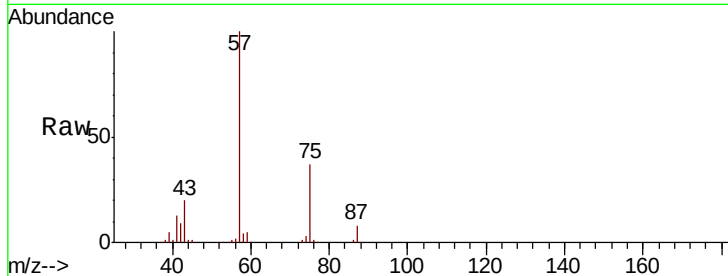




#57
 1,3-Dichloropropane
 Concen: 2.063 ug/l
 RT: 8.41 min Scan# 2252
 Delta R.T. 0.17 min
 Lab File: VU028626.D
 Acq: 11 Dec 2018 22:52

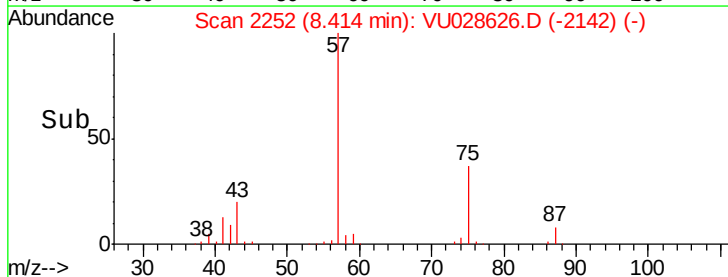
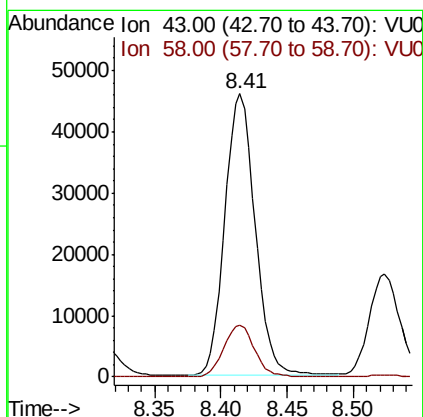
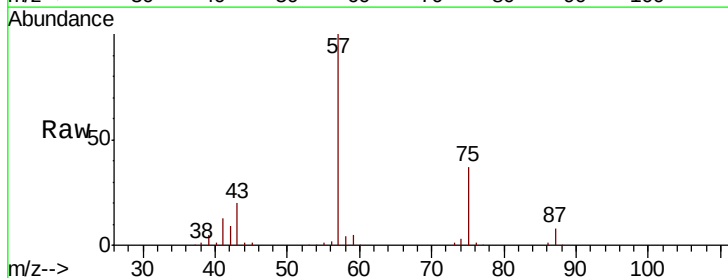
Instrument :
 MSVOA_U
 ClientSampleId :
 OR-02-121018-B

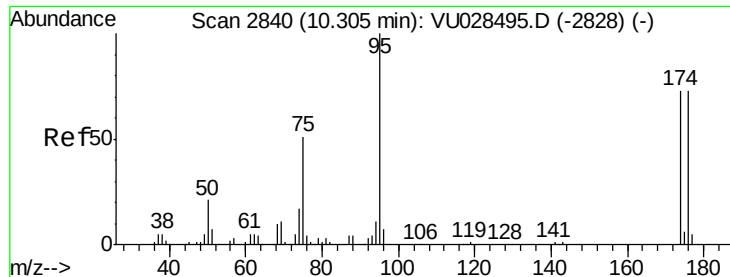
Tot Ion: 76 Resp: 4145
 Ion Ratio Lower Upper
 76 100
 78 0.0 25.2 37.8#



#59
 2-Hexanone
 Concen: 45.312 ug/l
 RT: 8.41 min Scan# 2252
 Delta R.T. 0.05 min
 Lab File: VU028626.D
 Acq: 11 Dec 2018 22:52

Tgt Ion: 43 Resp: 73169
 Ion Ratio Lower Upper
 43 100
 58 18.5 25.9 77.6#

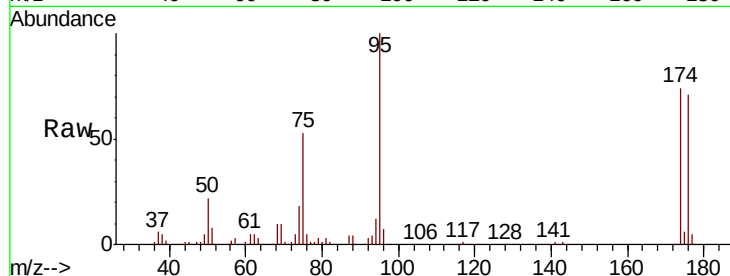




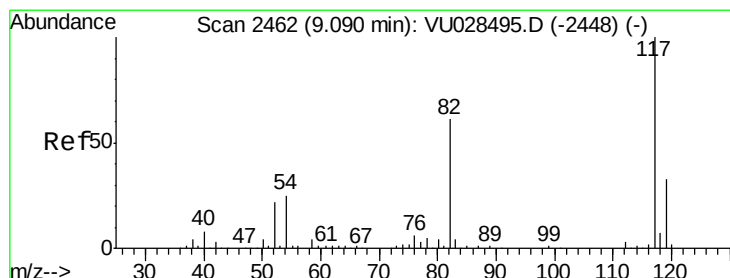
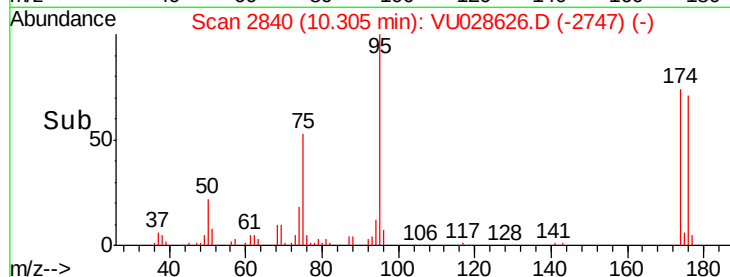
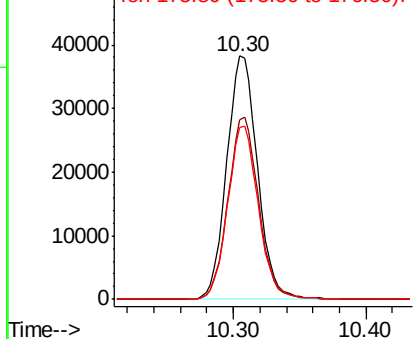
#62
4-Bromofluorobenzene
Concen: 45.967 ug/l
RT: 10.30 min Scan# 2840
Delta R.T. -0.00 min
Lab File: VU028626.D
Acq: 11 Dec 2018 22:52

Instrument :
MSVOA_U
ClientSampleId :
OR-02-121018-B

Tot Ion: 95 Resp: 61747
Ion Ratio Lower Upper
95 100
174 74.4 0.0 150.4
176 71.0 0.0 145.2

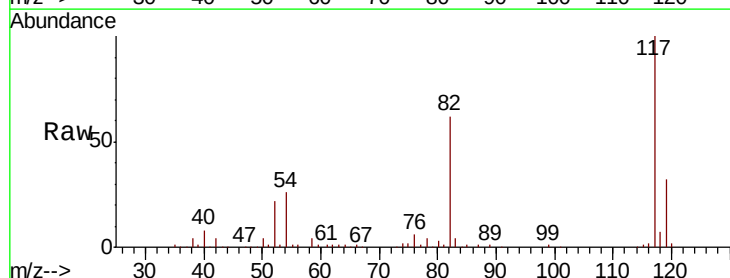


Abundance Ion 94.90 (94.60 to 95.60): VU0
Ion 173.80 (173.50 to 174.50): V
Ion 175.80 (175.50 to 176.50): V

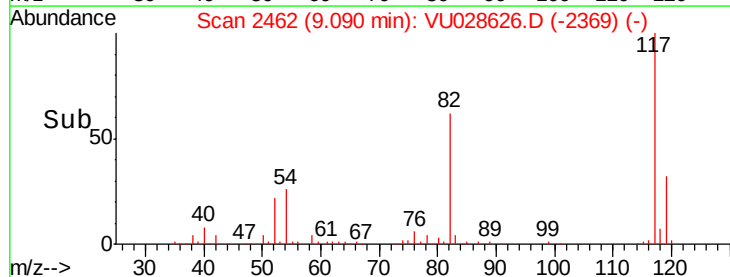
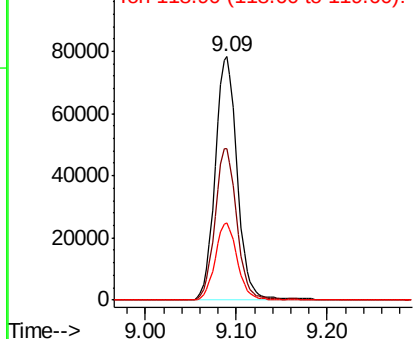


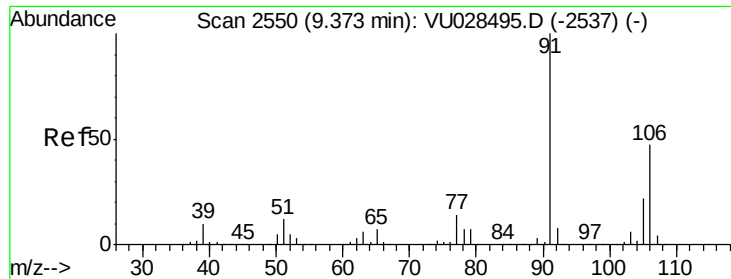
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. -0.00 min
Lab File: VU028626.D
Acq: 11 Dec 2018 22:52

Tgt Ion: 117 Resp: 131902
Ion Ratio Lower Upper
117 100
82 62.4 48.9 73.3
119 31.5 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

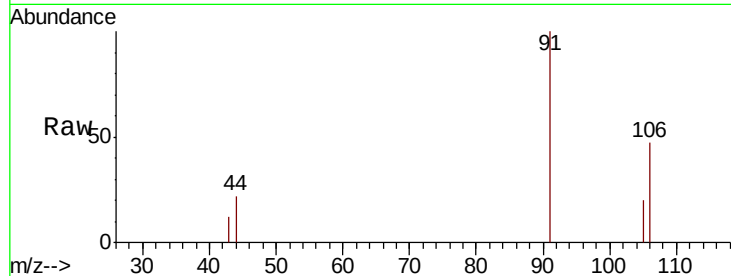




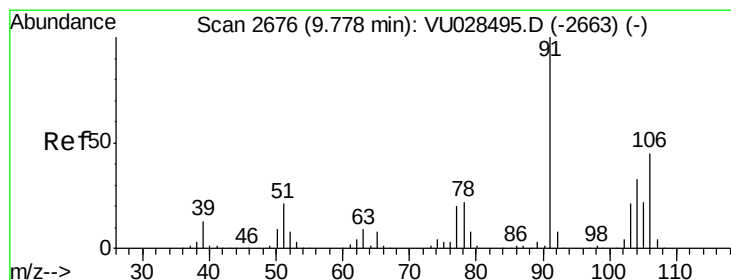
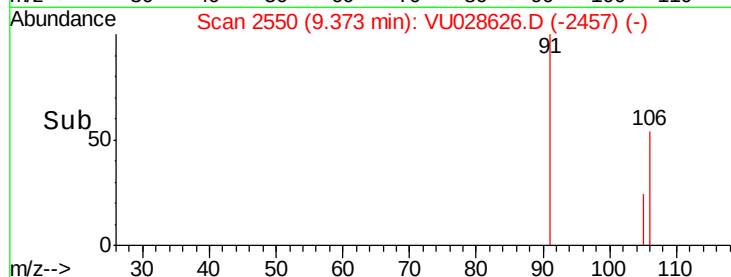
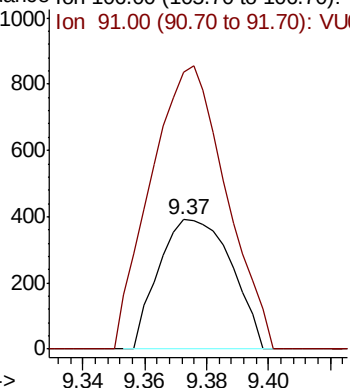
#68
m/p-Xylenes
Concen: 0.341 ug/l
RT: 9.37 min Scan# 2550
Delta R.T. -0.00 min
Lab File: VU028626.D
Acq: 11 Dec 2018 22:52

Instrument :
MSVOA_U
ClientSampleId :
OR-02-121018-B

Tot Ion:106 Resp: 641
Ion Ratio Lower Upper
106 100
91 225.6 167.4 251.0

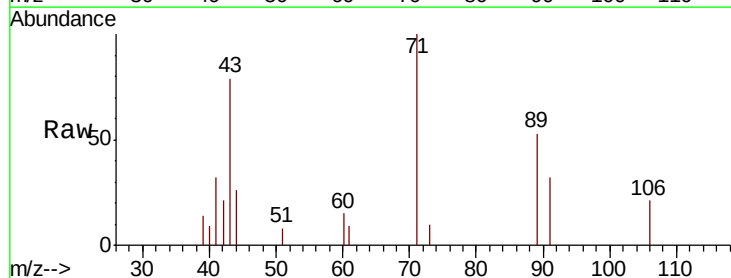


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0

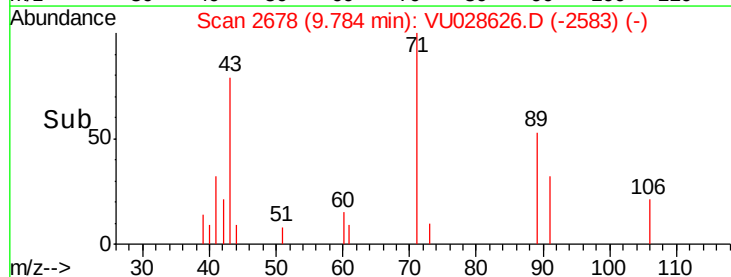
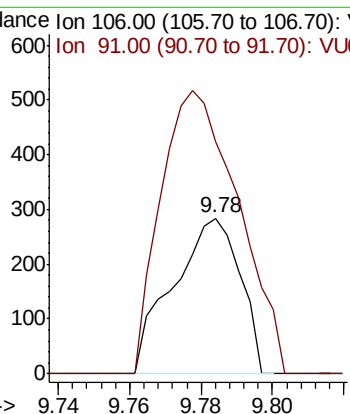


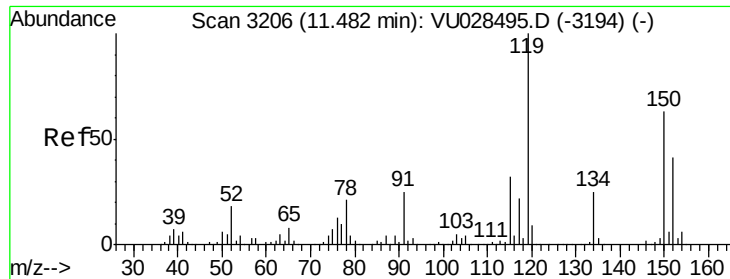
#69
o-Xylene
Concen: 0.201 ug/l
RT: 9.78 min Scan# 2678
Delta R.T. 0.01 min
Lab File: VU028626.D
Acq: 11 Dec 2018 22:52

Tgt Ion:106 Resp: 368
Ion Ratio Lower Upper
106 100
91 210.6 111.3 334.0



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



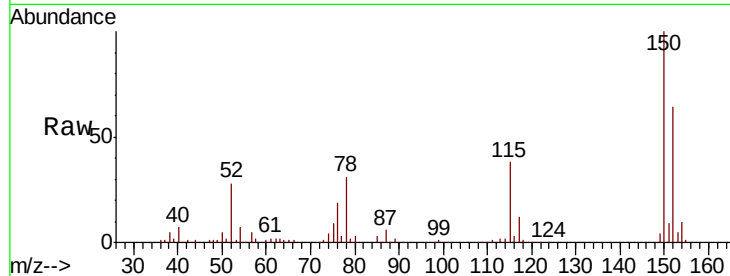


#72

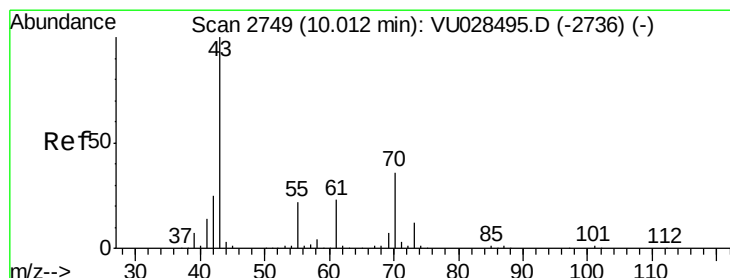
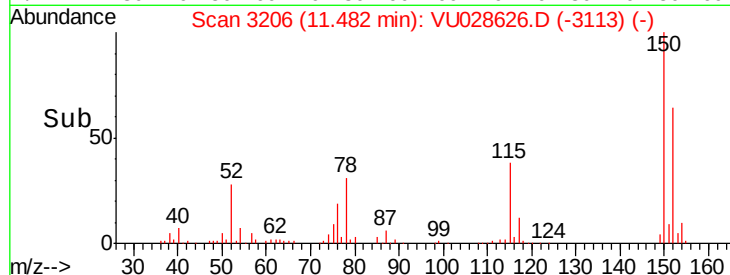
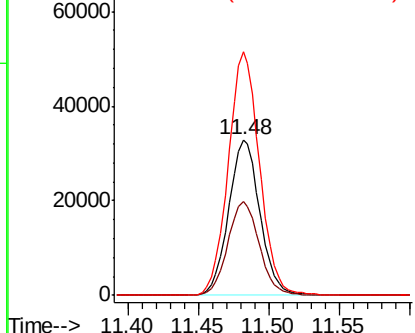
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.48 min Scan# 3206
Delta R.T. -0.00 min
Lab File: VU028626.D
Acq: 11 Dec 2018 22:52

Instrument :
MSVOA_U
ClientSampleId :
OR-02-121018-B

Tot Ion:152 Resp: 51029
Ion Ratio Lower Upper
152 100
115 60.4 42.7 128.1
150 156.1 0.0 346.0



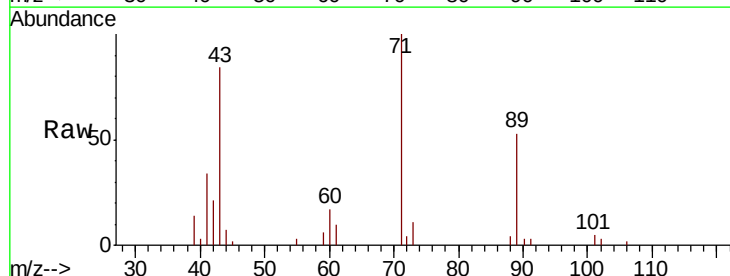
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



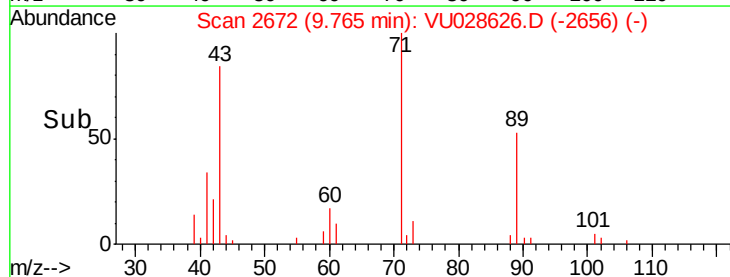
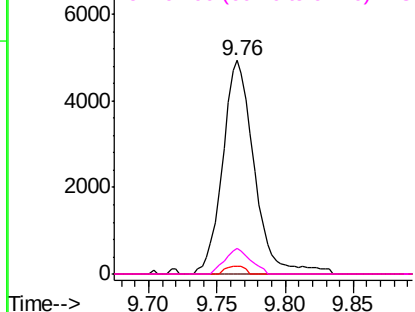
#74

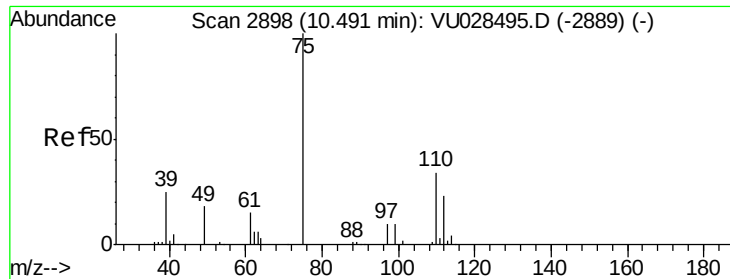
N-ethyl acetate
Concen: 3.533 ug/l
RT: 9.76 min Scan# 2672
Delta R.T. -0.25 min
Lab File: VU028626.D
Acq: 11 Dec 2018 22:52

Tgt Ion: 43 Resp: 7979
Ion Ratio Lower Upper
43 100
70 0.0 29.3 43.9#
55 2.2 18.0 27.0#
61 9.7 18.3 27.5#



Abundance Ion 43.00 (42.70 to 43.70): VU0
Ion 70.00 (69.70 to 70.70): VU0
Ion 55.00 (54.70 to 55.70): VU0
Ion 61.00 (60.70 to 61.70): VU0





#76

1,2,3-Trichloropropane

Concen: 25.062 ug/l

RT: 10.30 min Scan# 2840

Delta R.T. -0.19 min

Lab File: VU028626.D

Acq: 11 Dec 2018 22:52

Instrument :

MSVOA_U

ClientSampleId :

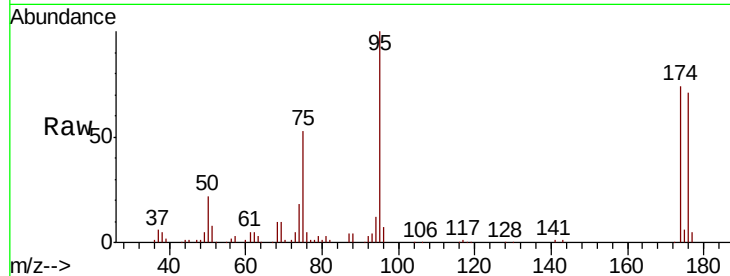
OR-02-121018-B

Tot Ion: 75 Resp: 32657

Ion Ratio Lower Upper

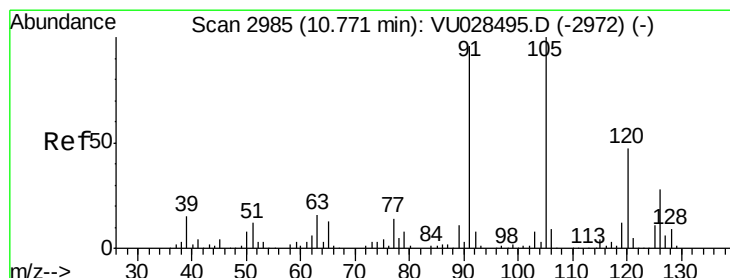
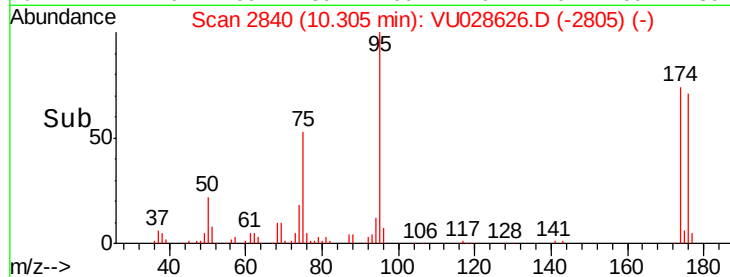
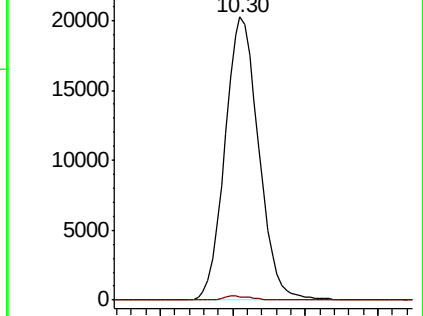
75 100

77 1.1 20.8 62.4#



Abundance Ion 74.90 (74.60 to 75.60): VU028495.D (-2889) (-)

Ion 77.00 (76.70 to 77.70): VU028495.D (-2889) (-)



#80

1,3,5-Trimethylbenzene

Concen: 0.444 ug/l

RT: 10.77 min Scan# 2985

Delta R.T. -0.00 min

Lab File: VU028626.D

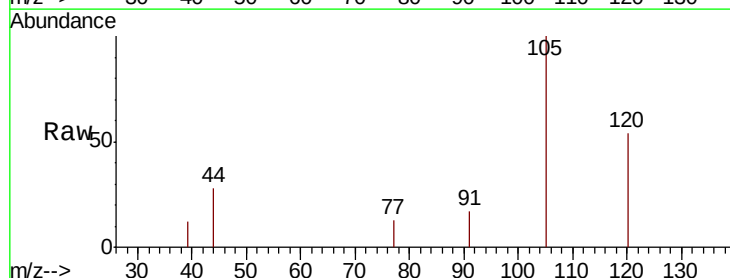
Acq: 11 Dec 2018 22:52

Tgt Ion: 105 Resp: 1438

Ion Ratio Lower Upper

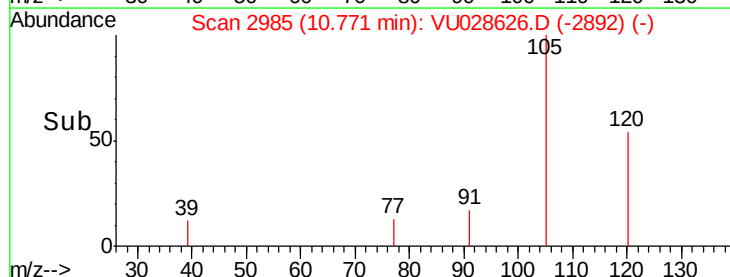
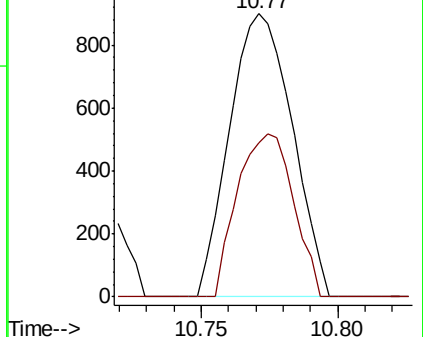
105 100

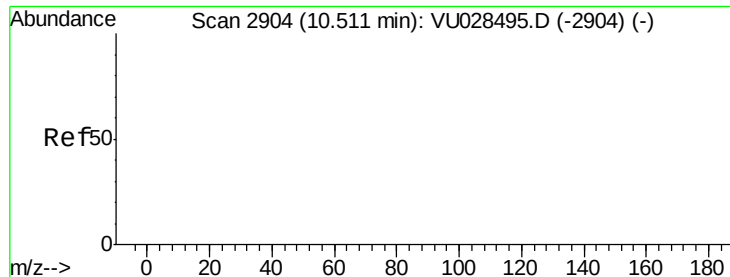
120 51.3 23.7 71.1



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: 61.498 ug/l

RT: 10.30 min Scan# 2840

Delta R.T. -0.21 min

Lab File: VU028626.D

Acq: 11 Dec 2018 22:52

Instrument :

MSVOA_U

ClientSampleId :

OR-02-121018-B

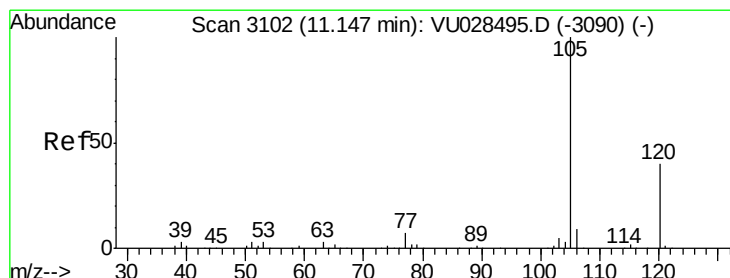
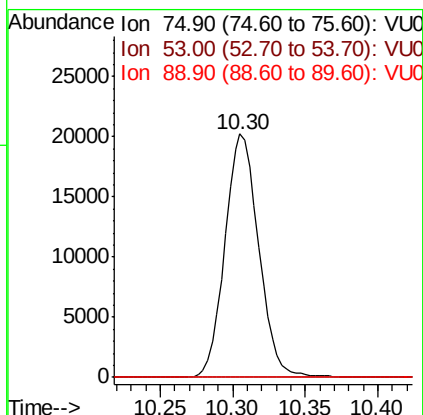
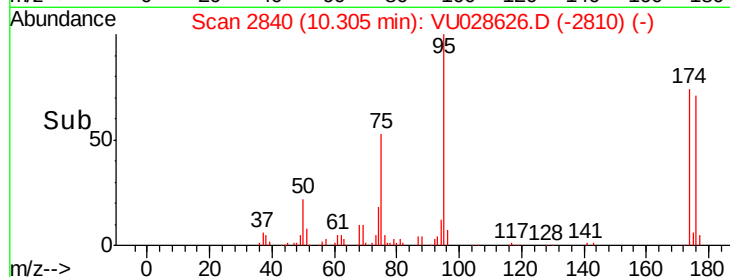
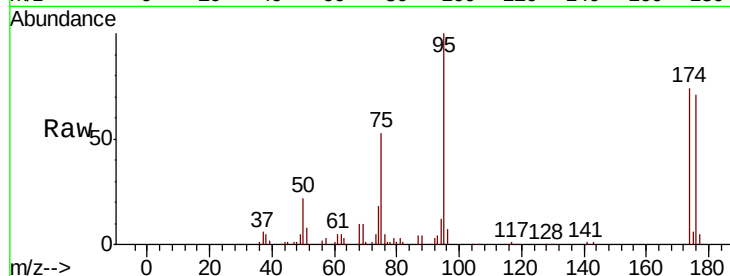
Tot Ion: 75 Resp: 32657

Ion Ratio Lower Upper

75 100

53 0.0 0.0 0.0

89 0.0 0.0 0.0



#84

1,2,4-Trimethylbenzene

Concen: 0.648 ug/l

RT: 11.15 min Scan# 3103

Delta R.T. 0.00 min

Lab File: VU028626.D

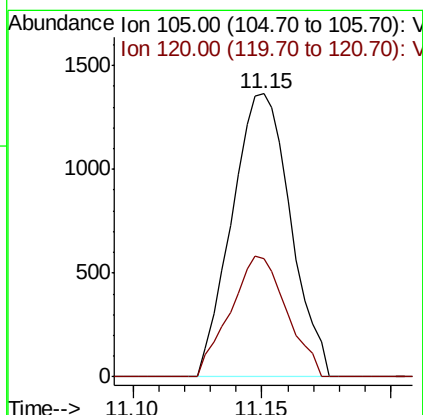
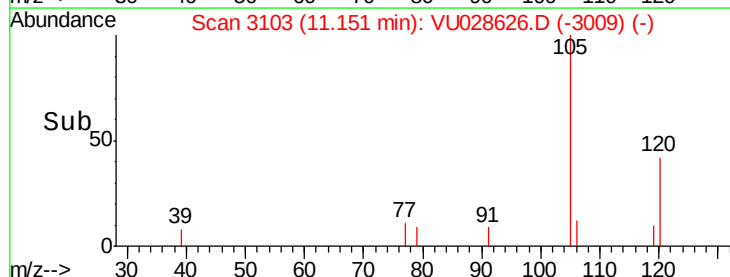
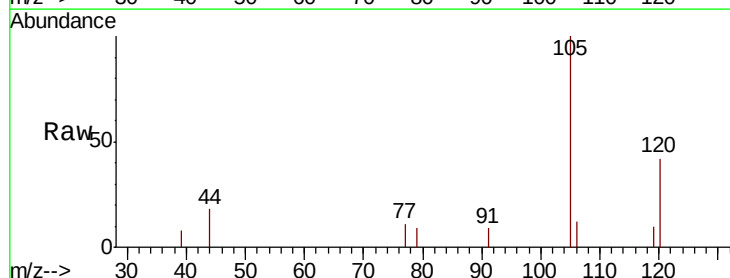
Acq: 11 Dec 2018 22:52

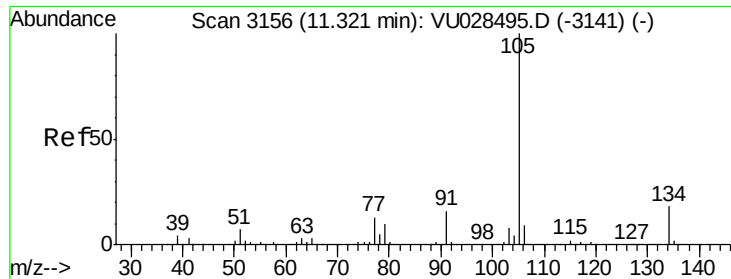
Tgt Ion: 105 Resp: 2166

Ion Ratio Lower Upper

105 100

120 40.8 21.8 65.4

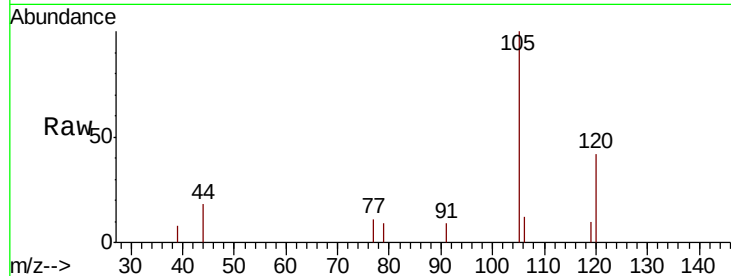




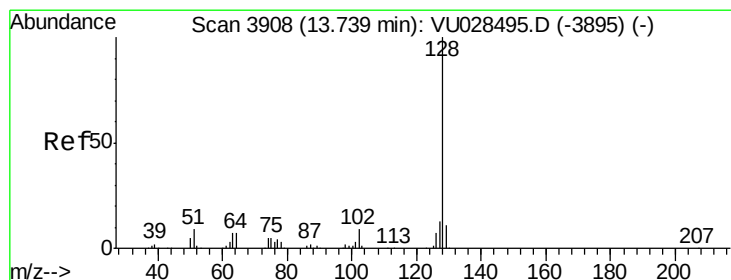
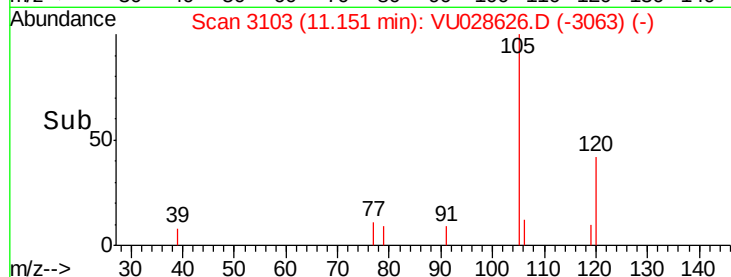
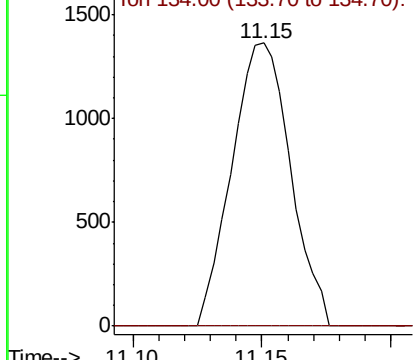
#85
 sec-Butylbenzene
 Concen: 0.540 ug/l
 RT: 11.15 min Scan# 3103
 Delta R.T. -0.17 min
 Lab File: VU028626.D
 Acq: 11 Dec 2018 22:52

Instrument :
 MSVOA_U
 ClientSampleId :
 OR-02-121018-B

Tot Ion:105 Resp: 2166
 Ion Ratio Lower Upper
 105 100
 134 0.0 9.2 27.6#

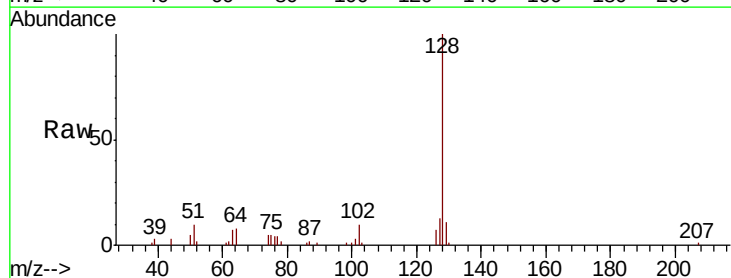


Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 134.00 (133.70 to 134.70): V



#95
 Naphthalene
 Concen: 7.683 ug/l
 RT: 13.74 min Scan# 3909
 Delta R.T. 0.00 min
 Lab File: VU028626.D
 Acq: 11 Dec 2018 22:52

Tgt Ion:128 Resp: 31889
 Ion Ratio Lower Upper
 128 100
 127 12.9 10.4 15.6
 129 11.1 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V
 Ion 127.00 (126.70 to 127.70): V
 Ion 129.00 (128.70 to 129.70): V

