

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\U122218\
 Data File : VU028927.D
 Acq On : 22 Dec 2018 20:14
 Operator : MD/SY
 Sample : J6426-15ME 10X
 Misc : 4.93g/10mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 P001-SS013C-1824-01ME

Quant Time: Dec 24 04:48:49 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	191553	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.88	114	314546	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	283794	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	132288	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	108066	36.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	73.94%	
35) Dibromofluoromethane	4.88	113	94830	47.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.82%	
50) Toluene-d8	7.57	98	386109	49.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.62%	
62) 4-Bromofluorobenzene	10.31	95	135007	46.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.26%	

Target Compounds					Qvalue	
3) Chloromethane	1.33	50	1314	0.278	ug/l	96
5) Bromomethane	1.60	94	293	0.214	ug/l #	80
11) Tert butyl alcohol	2.83	59	1754	2.693	ug/l #	73
14) Allyl chloride	2.74	41	15533	3.079	ug/l #	61
15) Acrylonitrile	2.99	53	1738	0.961	ug/l #	40
16) Acetone	2.32	43	667	0.350	ug/l #	71
18) Methyl Acetate	2.62	43	1257	0.254	ug/l #	84
20) Methylene Chloride	2.70	84	1206	0.429	ug/l #	72
23) Vinyl Acetate	3.30	43	42813	5.290	ug/l #	36
27) cis-1,2-Dichloroethene	4.22	96	3241	1.192	ug/l	78
31) Cyclohexane	4.99	56	13404	1.514	ug/l #	60
36) 1,1-Dichloropropene	4.98	75	13203	3.836	ug/l #	50
38) Carbon Tetrachloride	4.98	117	16828	6.066	ug/l #	16
39) Methylcyclohexane	6.41	83	19973	4.756	ug/l	88
40) Benzene	5.39	78	3419	0.337	ug/l	96
51) 4-Methyl-2-Pentanone	7.34	43	3690	0.831	ug/l #	41
52) Toluene	7.64	92	5515777	924.509	ug/l	97
53) t-1,3-Dichloropropene	7.64	75	57856	14.759	ug/l #	1
55) 1,1,2-Trichloroethane	8.05	97	2043	0.866	ug/l #	14
59) 2-Hexanone	8.33	43	2937	0.835	ug/l #	26
60) Dibromochloromethane	8.22	129	487	0.211	ug/l #	10
64) Tetrachloroethene	8.23	164	656	0.347	ug/l #	88
65) Chlorobenzene	9.12	112	1413	0.234	ug/l	95
67) Ethyl Benzene	9.25	91	967495	87.028	ug/l	98
68) m/p-Xylenes	9.37	106	2506911	619.728	ug/l	95
69) o-Xylene	9.78	106	630662	160.428	ug/l	94
70) Styrene	9.78	104	29706	4.566	ug/l #	1
73) Isopropylbenzene	10.17	105	18344	1.807	ug/l	100
76) 1,2,3-Trichloropropane	10.60	75	6682	1.978	ug/l	75
78) n-propylbenzene	10.59	91	29537	2.342	ug/l	90
79) 2-Chlorotoluene	10.68	91	12312	1.695	ug/l #	43
80) 1,3,5-Trimethylbenzene	10.77	105	48034	5.717	ug/l	99
81) trans-1,4-Dichloro-2-buten	10.60	75	6682	5.336	ug/l #	100
82) 4-Chlorotoluene	10.77	91	4269	0.496	ug/l #	47

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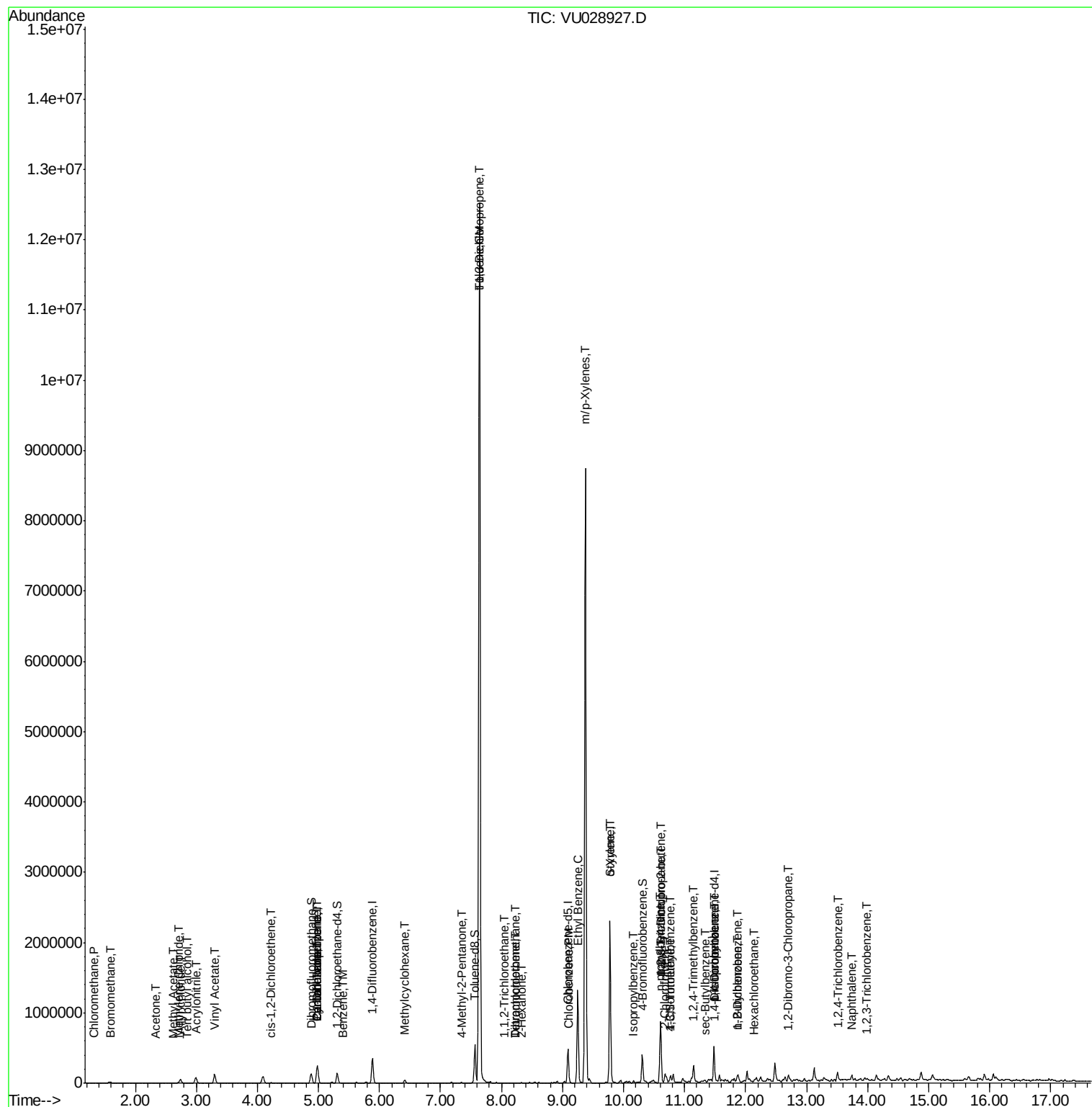
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
84) 1,2,4-Trimethylbenzene	11.15	105	122541	14.151	ug/l	97
85) sec-Butylbenzene	11.32	105	5917	0.569	ug/l	99
86) p-Isopropyltoluene	11.48	119	17503	1.980	ug/l	97
88) 1,4-Dichlorobenzene	11.50	146	1107	0.239	ug/l #	40
89) n-Butylbenzene	11.88	91	14540	1.626	ug/l #	16
90) Hexachloroethane	12.14	117	2021	1.513	ug/l #	11
91) 1,2-Dichlorobenzene	11.88	146	1490	0.332	ug/l #	64
92) 1,2-Dibromo-3-Chloropropan	12.70	75	260	0.308	ug/l #	6
93) 1,2,4-Trichlorobenzene	13.50	180	24445	8.643	ug/l	96
95) Naphthalene	13.74	128	60042	5.580	ug/l #	97
96) 1,2,3-Trichlorobenzene	13.99	180	6610	2.296	ug/l #	85

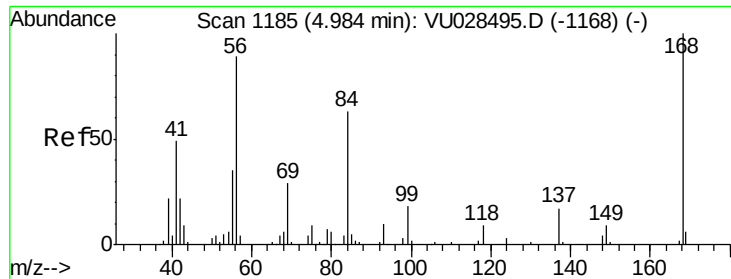
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_U\DATA\VU122218\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.98 min Scan# 1184

Delta R.T. -0.00 min

Lab File: VU028927.D

Acq: 22 Dec 2018 20:14

Instrument :

MSVOA_U

ClientSampleId :

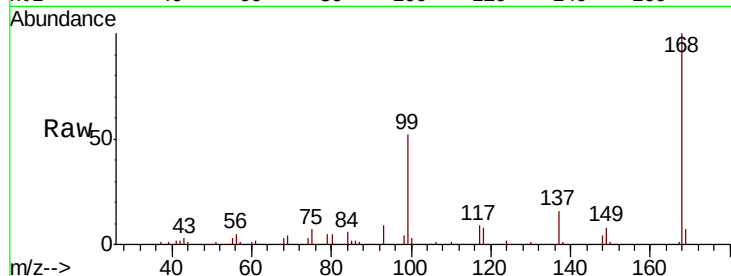
P001-SS013C-1824-01ME

Tgt Ion: 168 Resp: 191553

Ion Ratio Lower Upper

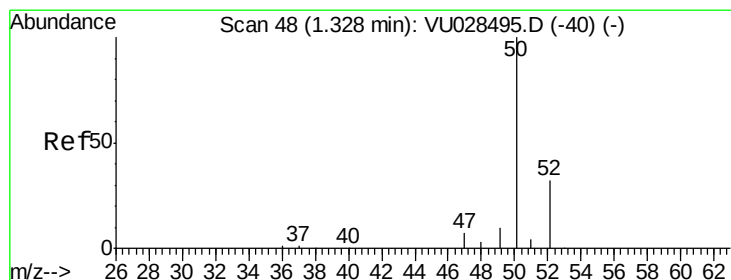
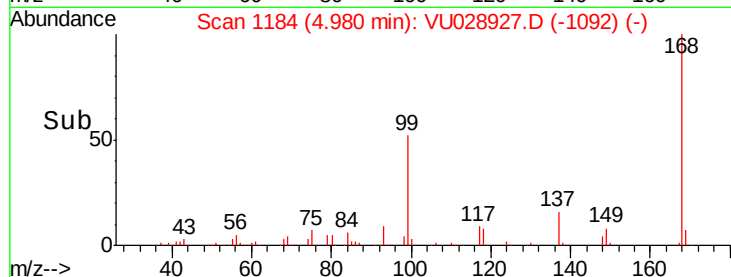
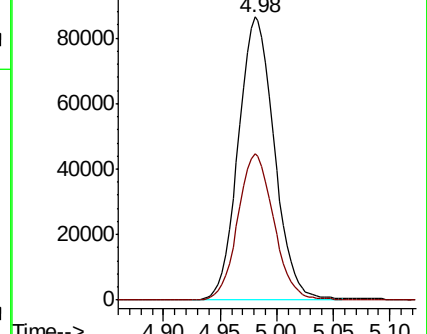
168 100

99 51.7 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: 0.278 ug/l

RT: 1.33 min Scan# 48

Delta R.T. 0.00 min

Lab File: VU028927.D

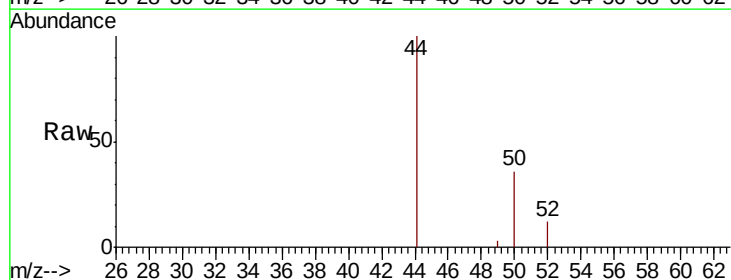
Acq: 22 Dec 2018 20:14

Tgt Ion: 50 Resp: 1314

Ion Ratio Lower Upper

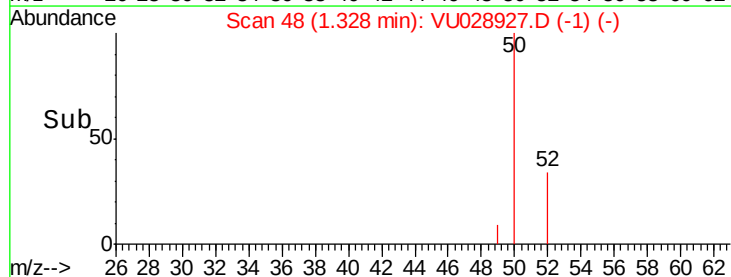
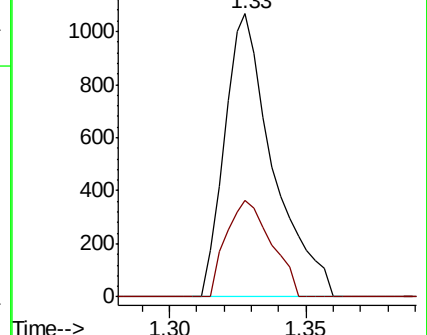
50 100

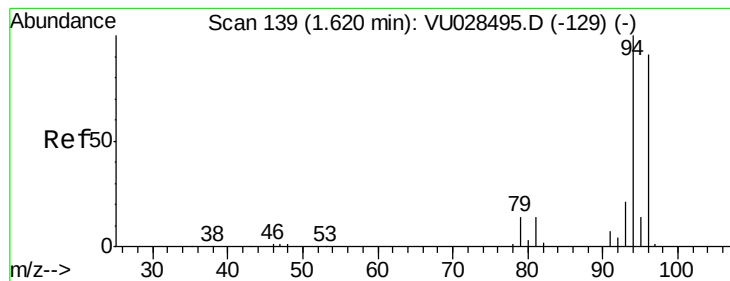
52 33.9 25.5 38.3



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

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





#5

Bromomethane

Concen: 0.214 ug/l

RT: 1.60 min Scan# 134

Delta R.T. -0.02 min

Lab File: VU028927.D

Acq: 22 Dec 2018 20:14

Instrument :

MSVOA_U

ClientSampleId :

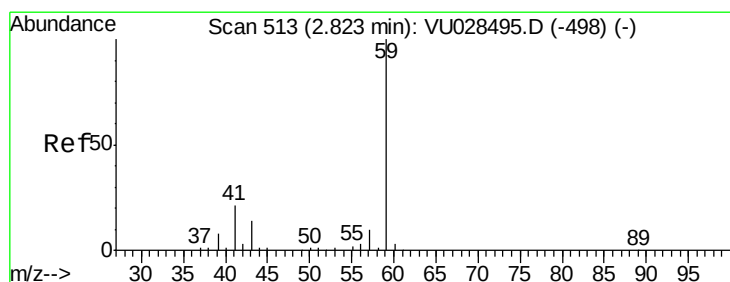
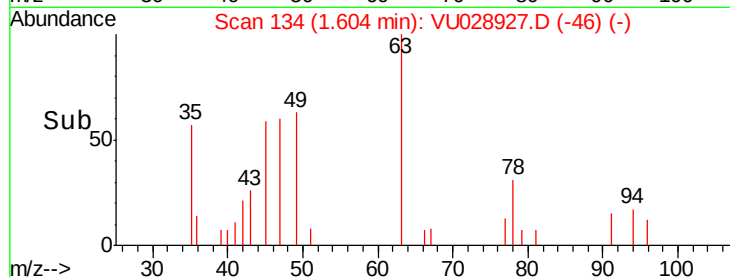
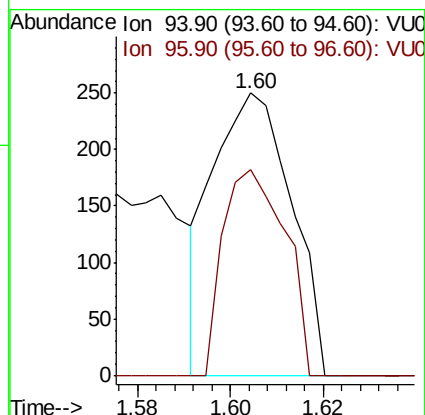
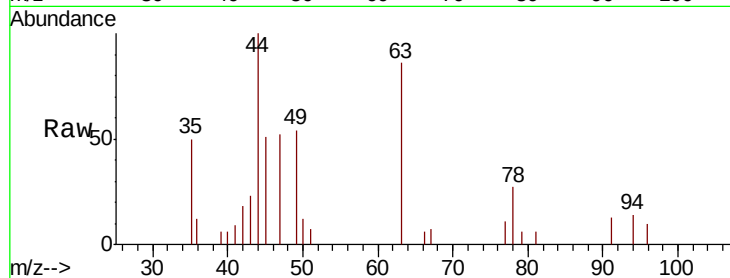
P001-SS013C-1824-01ME

Tgt Ion: 94 Resp: 293

Ion Ratio Lower Upper

94 100

96 72.8 73.2 109.8#



#11

Tert butyl alcohol

Concen: 2.693 ug/l

RT: 2.83 min Scan# 516

Delta R.T. 0.01 min

Lab File: VU028927.D

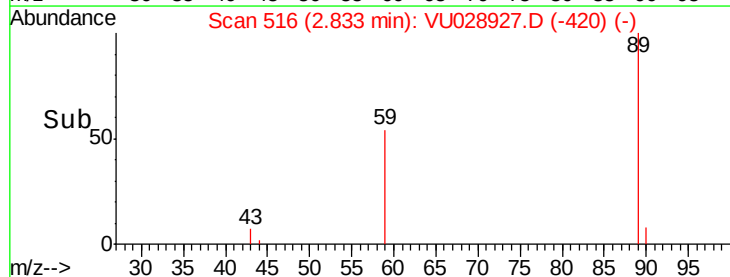
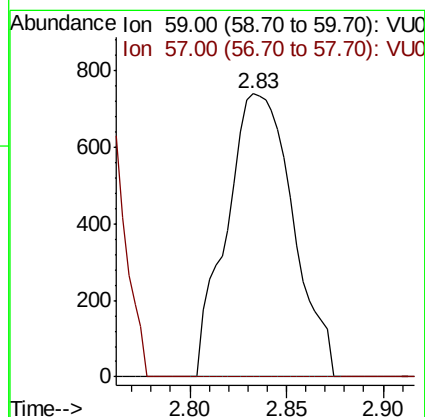
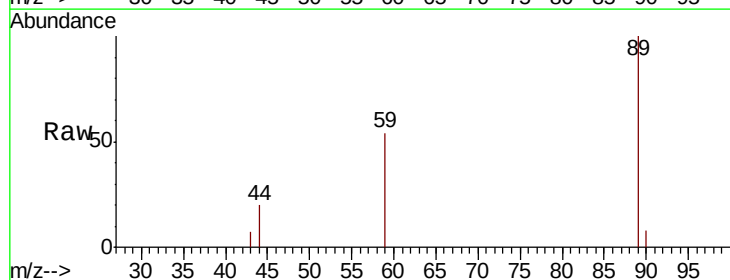
Acq: 22 Dec 2018 20:14

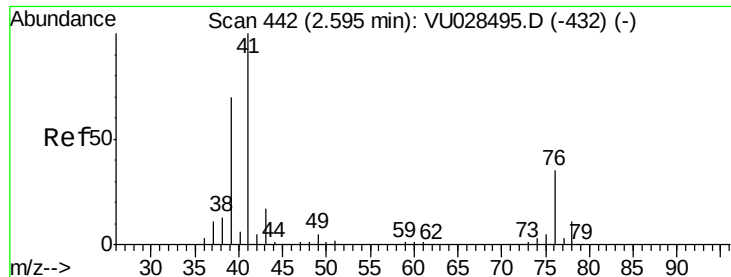
Tgt Ion: 59 Resp: 1754

Ion Ratio Lower Upper

59 100

57 0.0 8.0 12.0#

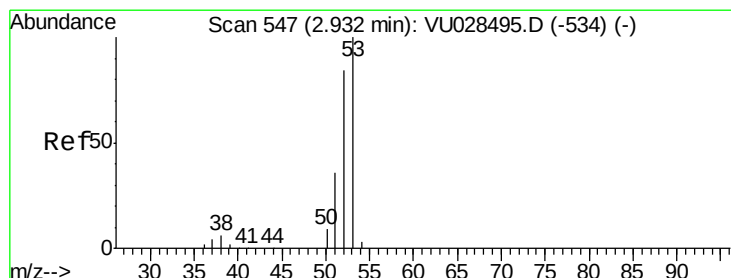
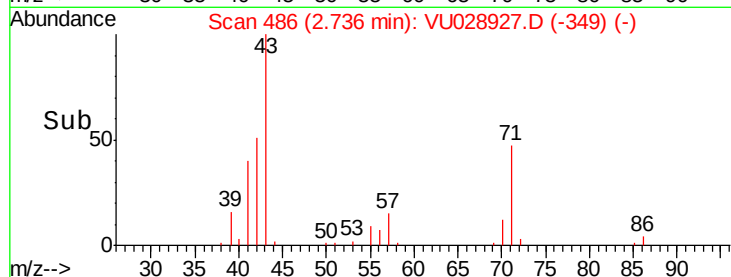
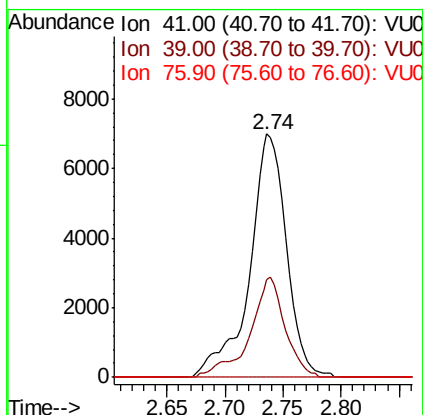
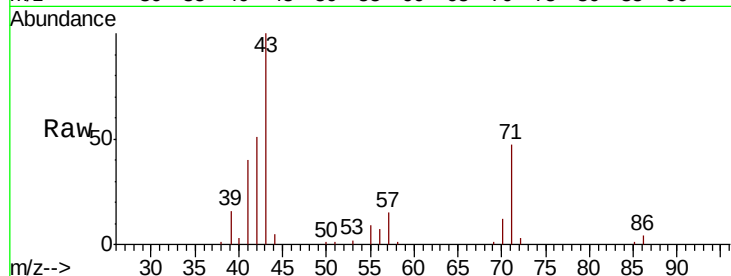




#14
 Allyl chloride
 Concen: 3.079 ug/l
 RT: 2.74 min Scan# 486
 Delta R.T. 0.14 min
 Lab File: VU028927.D
 Acq: 22 Dec 2018 20:14

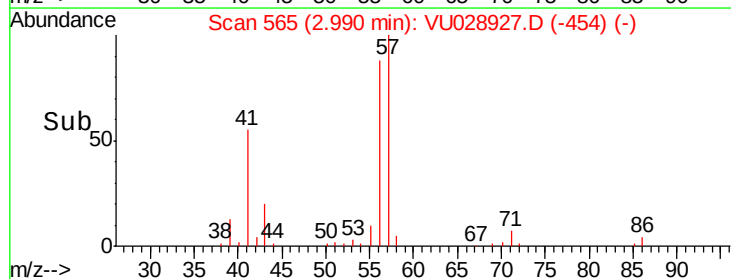
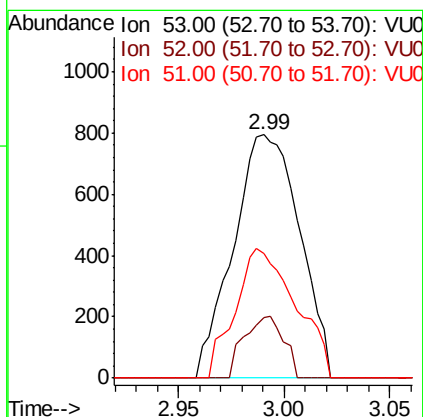
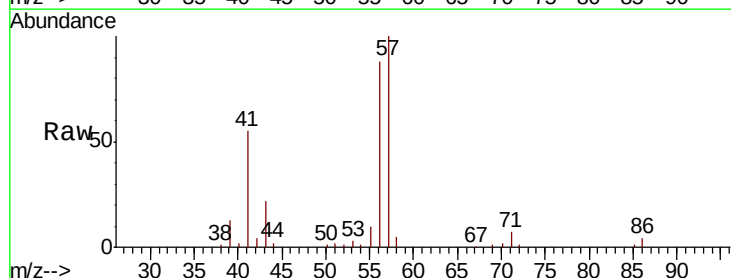
Instrument :
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 P001-SS013C-1824-01ME

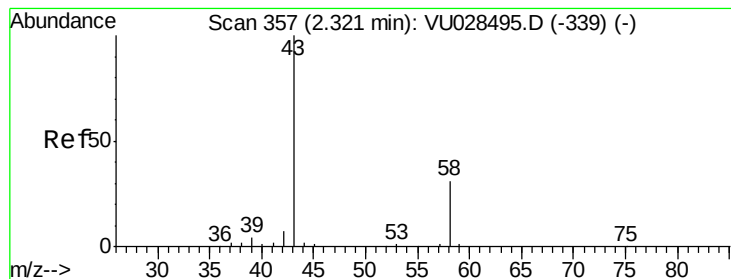
Tgt Ion: 41 Resp: 15533
 Ion Ratio Lower Upper
 41 100
 39 39.2 50.8 76.2#
 76 0.0 24.8 37.2#



#15
 Acrylonitrile
 Concen: 0.961 ug/l
 RT: 2.99 min Scan# 565
 Delta R.T. 0.06 min
 Lab File: VU028927.D
 Acq: 22 Dec 2018 20:14

Tgt Ion: 53 Resp: 1738
 Ion Ratio Lower Upper
 53 100
 52 15.0 66.1 99.1#
 51 48.4 28.1 42.1#





#16

Acetone

Concen: 0.350 ug/l

RT: 2.32 min Scan# 358

Delta R.T. 0.00 min

Lab File: VU028927.D

Acq: 22 Dec 2018 20:14

Instrument :

MSVOA_U

ClientSampleId :

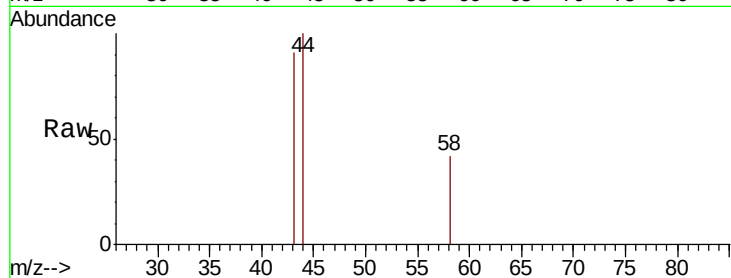
P001-SS013C-1824-01ME

Tgt Ion: 43 Resp: 667

Ion Ratio Lower Upper

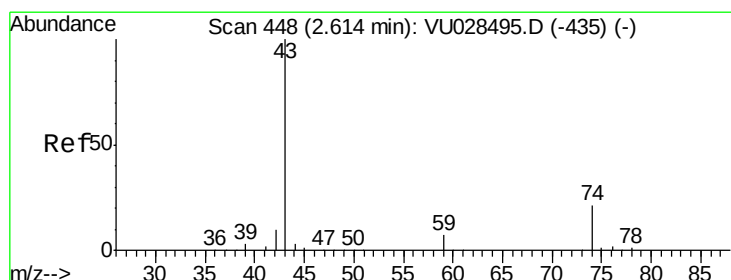
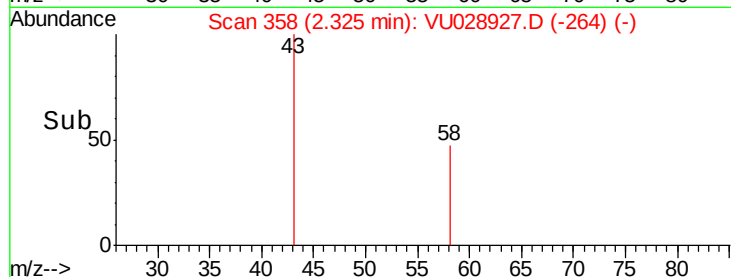
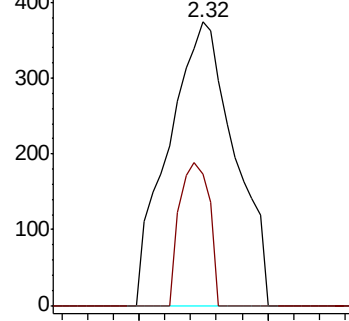
43 100

58 46.5 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: 0.254 ug/l

RT: 2.62 min Scan# 451

Delta R.T. 0.01 min

Lab File: VU028927.D

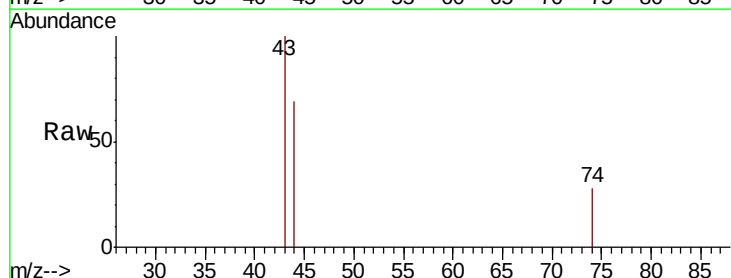
Acq: 22 Dec 2018 20:14

Tgt Ion: 43 Resp: 1257

Ion Ratio Lower Upper

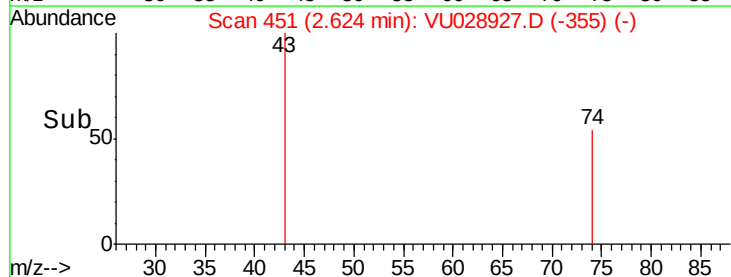
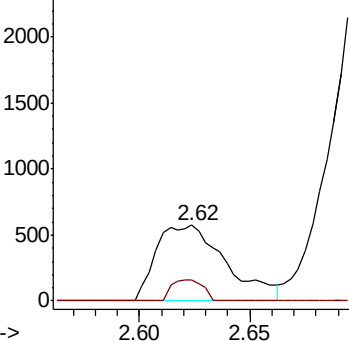
43 100

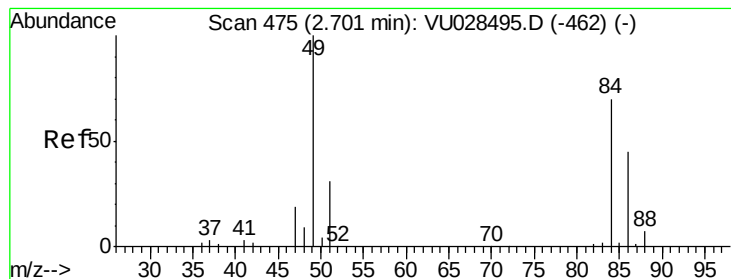
74 12.9 16.4 24.6#



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 74.00 (73.70 to 74.70): VU0





#20

Methylene Chloride

Concen: 0.429 ug/l

RT: 2.70 min Scan# 475

Delta R.T. 0.00 min

Lab File: VU028927.D

Acq: 22 Dec 2018 20:14

Instrument :

MSVOA_U

ClientSampleId :

P001-SS013C-1824-01ME

Tgt Ion: 84 Resp: 1206

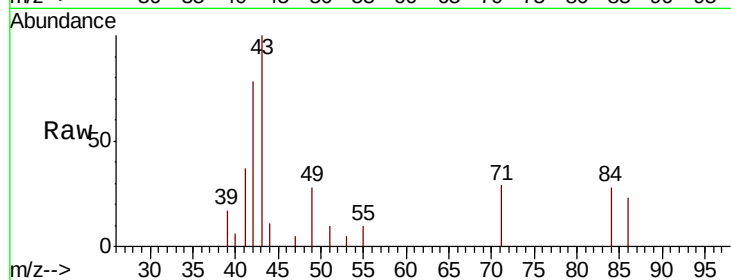
Ion Ratio Lower Upper

84 100

49 100.3 114.0 171.0#

51 34.8 35.1 52.7#

86 82.6 51.0 76.6#

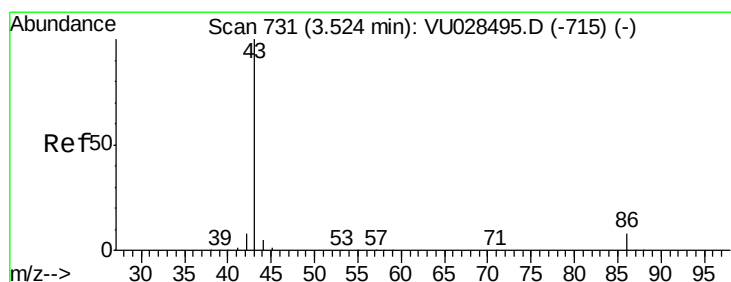
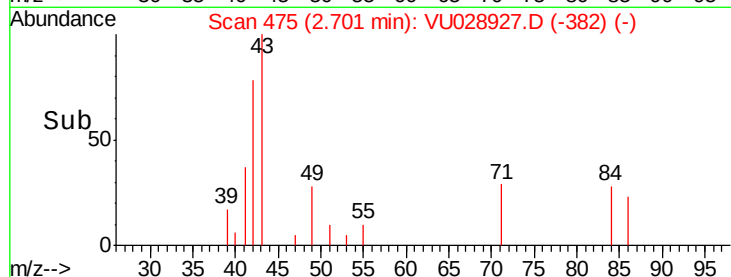
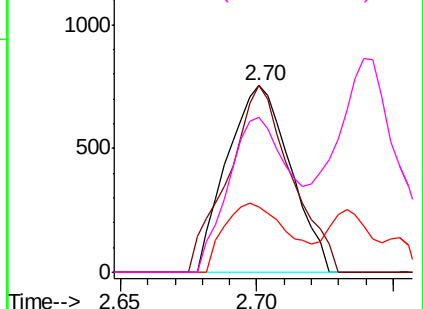


Abundance Ion 83.90 (83.60 to 84.60): VU0

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



#23

Vinyl Acetate

Concen: 5.290 ug/l

RT: 3.30 min Scan# 661

Delta R.T. -0.23 min

Lab File: VU028927.D

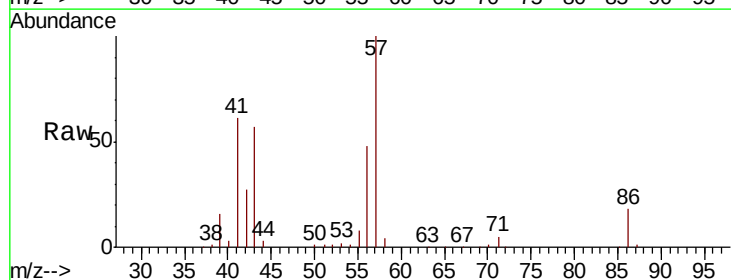
Acq: 22 Dec 2018 20:14

Tgt Ion: 43 Resp: 42813

Ion Ratio Lower Upper

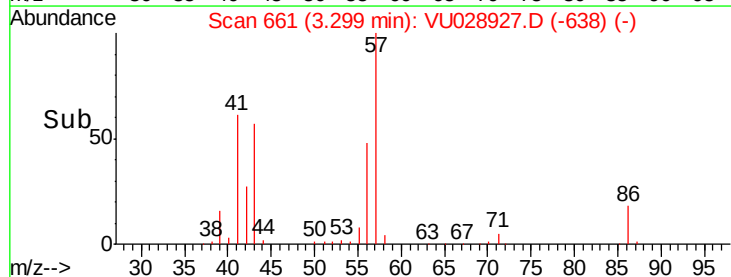
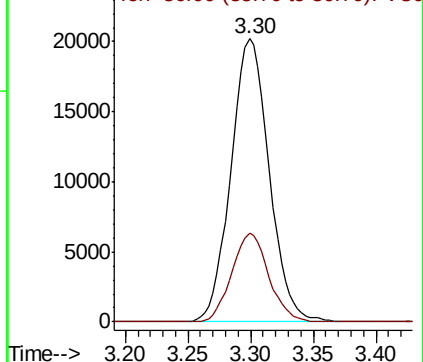
43 100

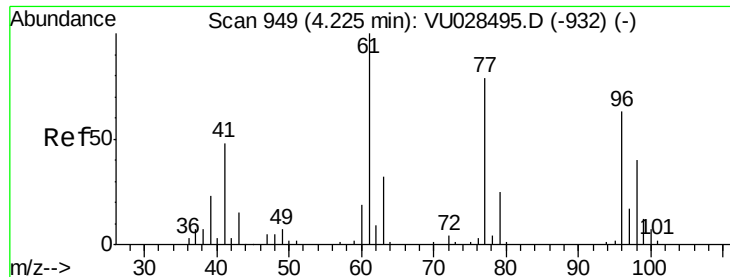
86 31.2 6.8 10.2#



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 86.00 (85.70 to 86.70): VU0



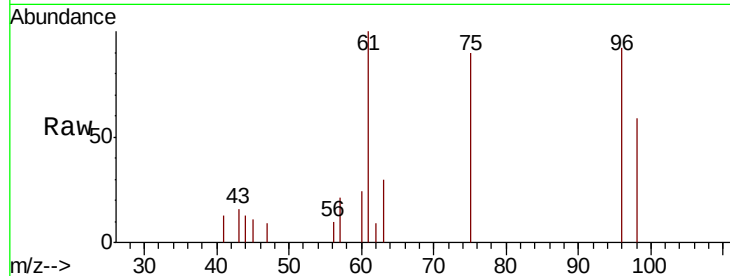


#27

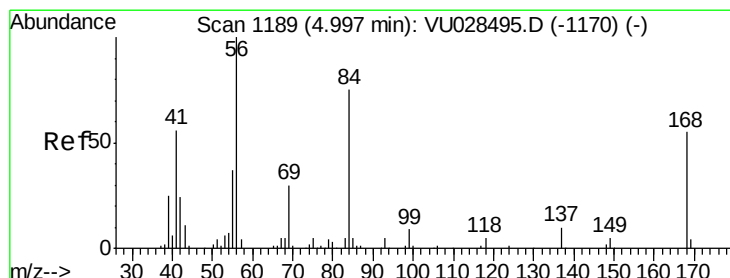
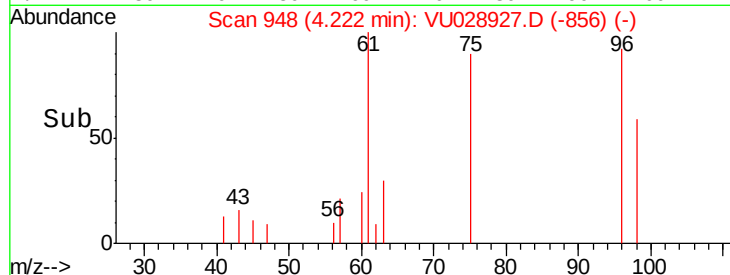
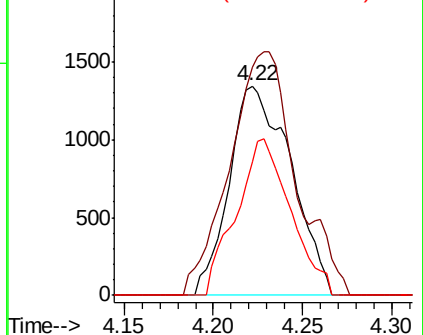
cis-1,2-Dichloroethene
 Concen: 1.192 ug/l
 RT: 4.22 min Scan# 948
 Delta R.T. -0.00 min
 Lab File: VU028927.D
 Acq: 22 Dec 2018 20:14

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 P001-SS013C-1824-01ME

Tgt Ion: 96 Resp: 3241
 Ion Ratio Lower Upper
 96 100
 61 125.1 0.0 332.4
 98 65.6 0.0 129.0



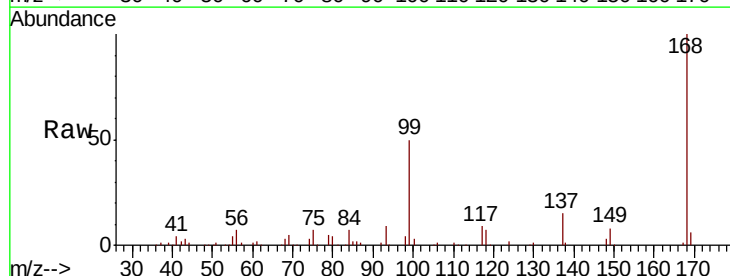
Abundance Ion 95.90 (95.60 to 96.60): VU0
 Ion 60.90 (60.60 to 61.60): VU0
 Ion 97.90 (97.60 to 98.60): VU0



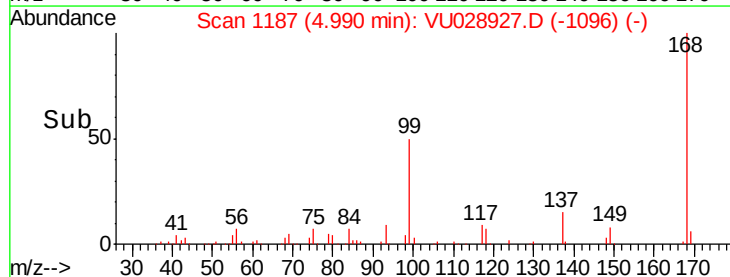
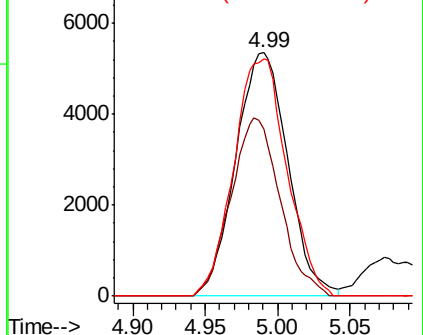
#31

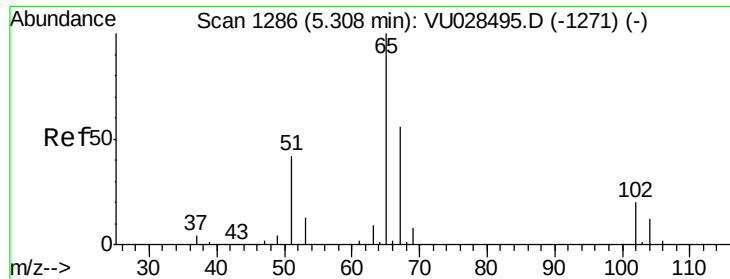
Cyclohexane
 Concen: 1.514 ug/l
 RT: 4.99 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: VU028927.D
 Acq: 22 Dec 2018 20:14

Tgt Ion: 56 Resp: 13404
 Ion Ratio Lower Upper
 56 100
 69 68.5 24.0 36.0#
 84 97.6 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

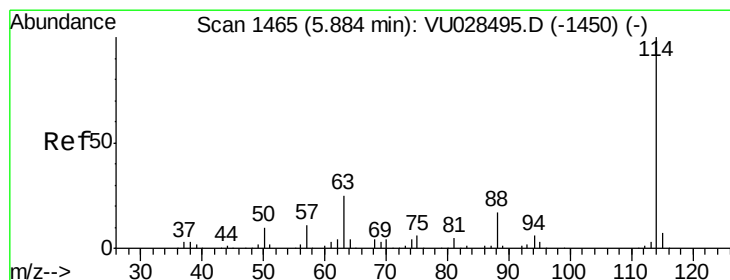
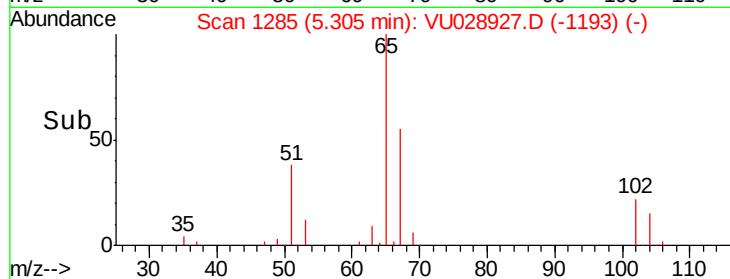
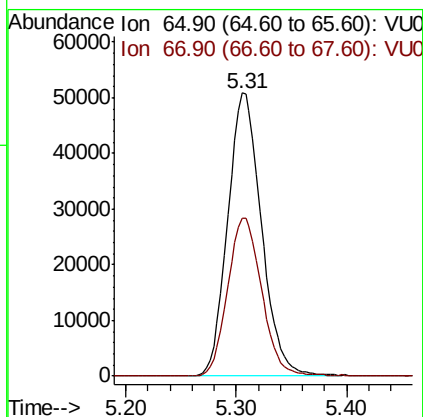
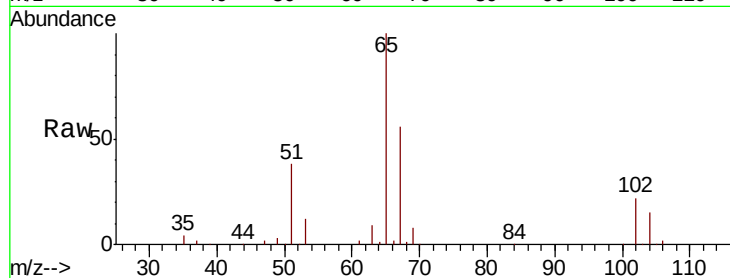




#33
 1,2-Dichloroethane-d4
 Concen: 36.968 ug/l
 RT: 5.31 min Scan# 1285
 Delta R.T. -0.00 min
 Lab File: VU028927.D
 Acq: 22 Dec 2018 20:14

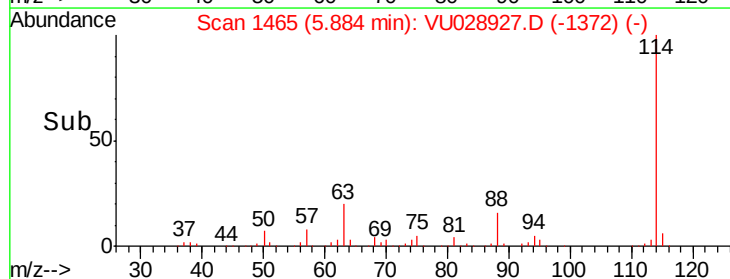
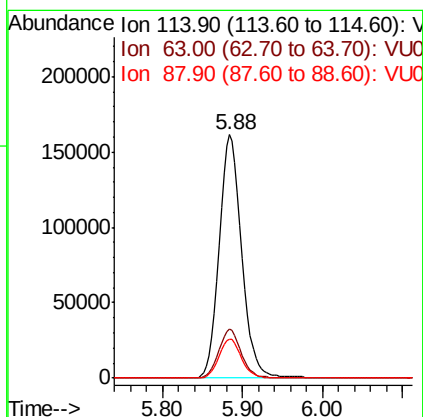
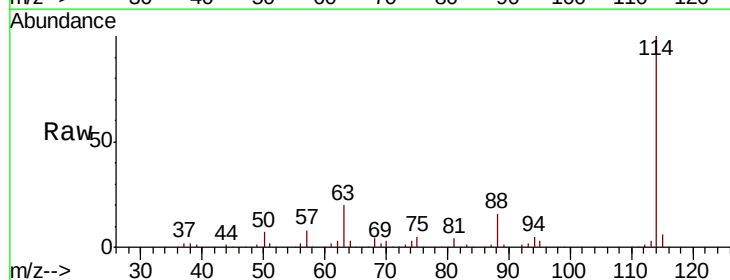
Instrument :
 MSVOA_U
 ClientSampleId :
 P001-SS013C-1824-01ME

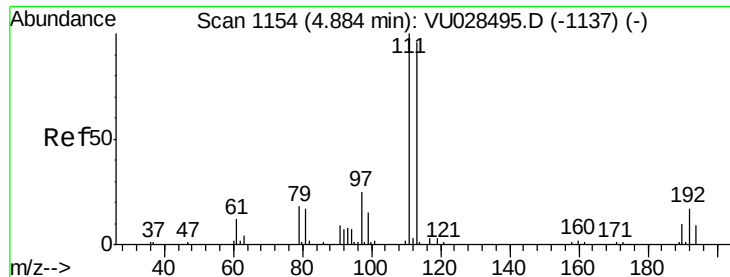
Tgt Ion: 65 Resp: 108066
 Ion Ratio Lower Upper
 65 100
 67 56.3 0.0 110.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.88 min Scan# 1465
 Delta R.T. 0.00 min
 Lab File: VU028927.D
 Acq: 22 Dec 2018 20:14

Tgt Ion: 114 Resp: 314546
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 49.2
 88 16.1 0.0 33.4

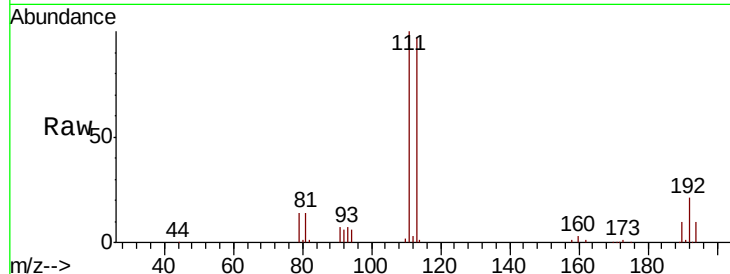




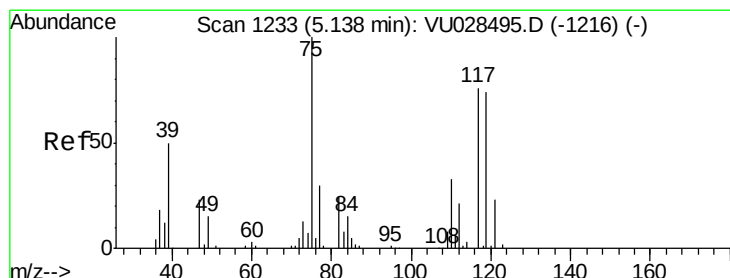
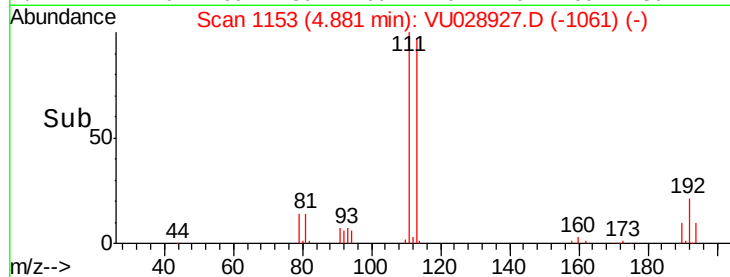
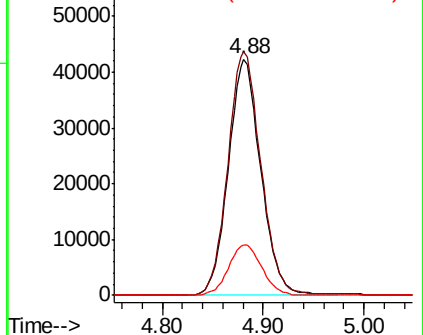
#35
 Dibromofluoromethane
 Concen: 47.907 ug/l
 RT: 4.88 min Scan# 1153
 Delta R.T. -0.00 min
 Lab File: VU028927.D
 Acq: 22 Dec 2018 20:14

Instrument :
 MSVOA_U
 ClientSampleId :
 P001-SS013C-1824-01ME

Tgt Ion	Ratio	Lower	Upper
113	100		
111	104.7	83.4	125.0
192	21.9	14.8	22.2

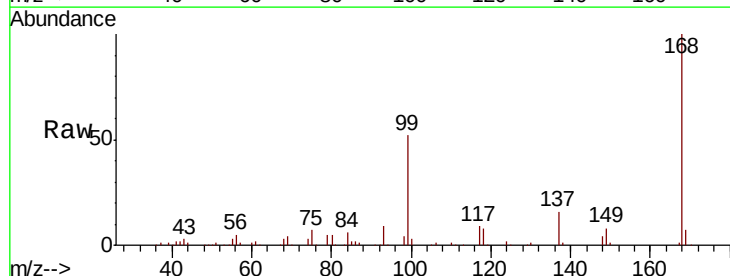


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

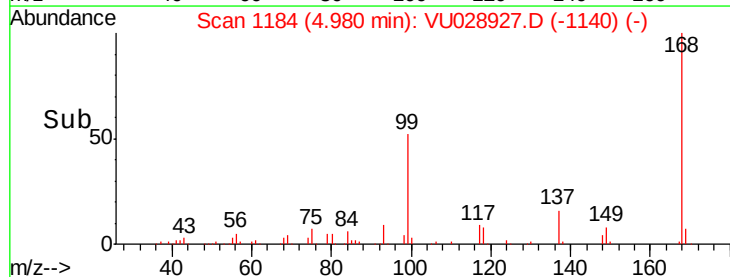
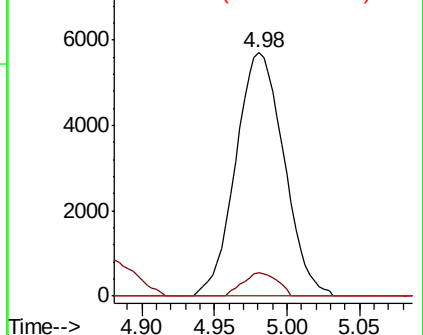


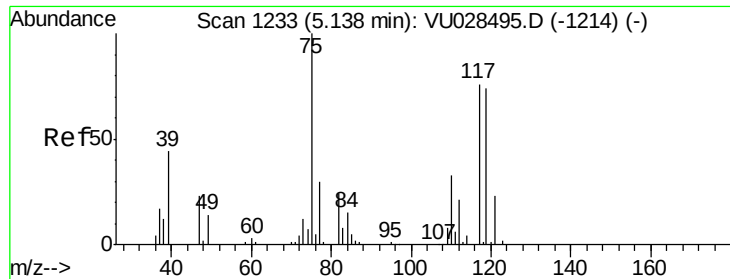
#36
 1,1-Dichloropropene
 Concen: 3.836 ug/l
 RT: 4.98 min Scan# 1184
 Delta R.T. -0.16 min
 Lab File: VU028927.D
 Acq: 22 Dec 2018 20:14

Tgt Ion	Ratio	Lower	Upper
75	100		
110	6.9	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: 6.066 ug/l

RT: 4.98 min Scan# 1185

Delta R.T. -0.15 min

Lab File: VU028927.D

Acq: 22 Dec 2018 20:14

Instrument :

MSVOA_U

ClientSampleId :

P001-SS013C-1824-01ME

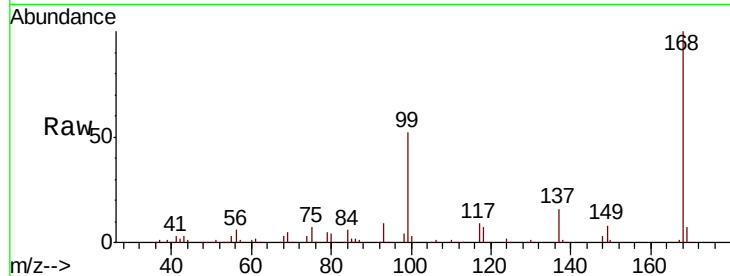
Tgt Ion: 117 Resp: 16828

Ion Ratio Lower Upper

117 100

119 5.2 77.6 116.4#

121 0.0 24.6 36.8#

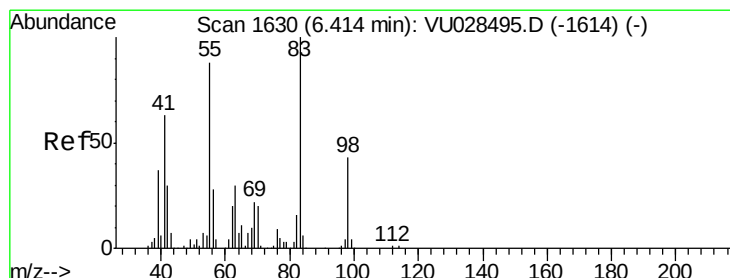
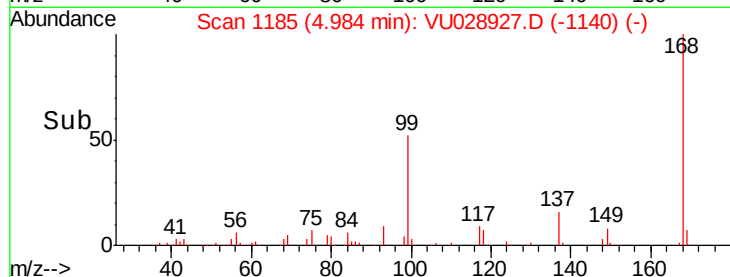
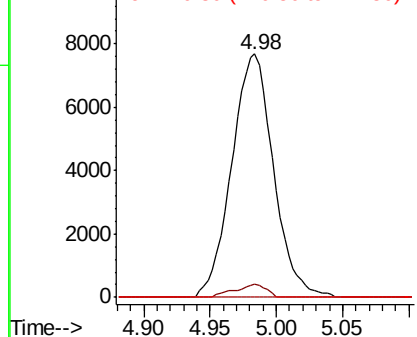


Abundance

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: 4.756 ug/l

RT: 6.41 min Scan# 1630

Delta R.T. -0.00 min

Lab File: VU028927.D

Acq: 22 Dec 2018 20:14

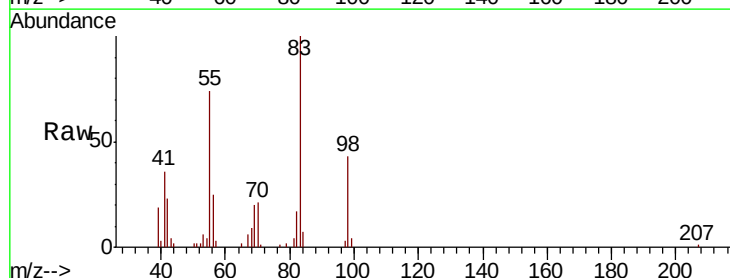
Tgt Ion: 83 Resp: 19973

Ion Ratio Lower Upper

83 100

55 71.7 70.2 105.2

98 43.2 34.2 51.4

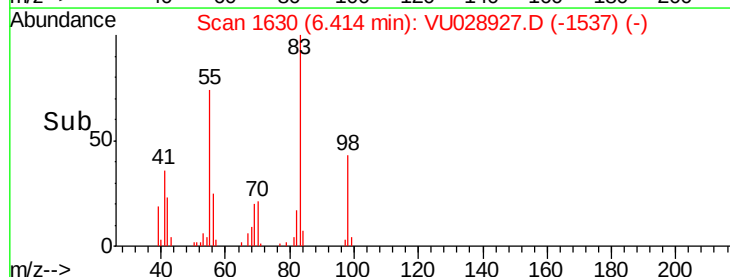
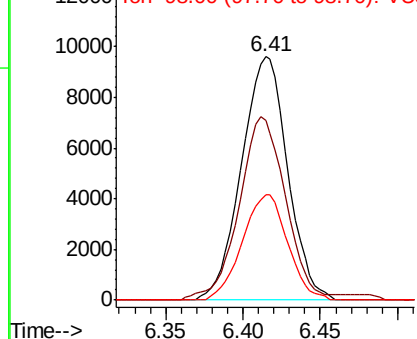


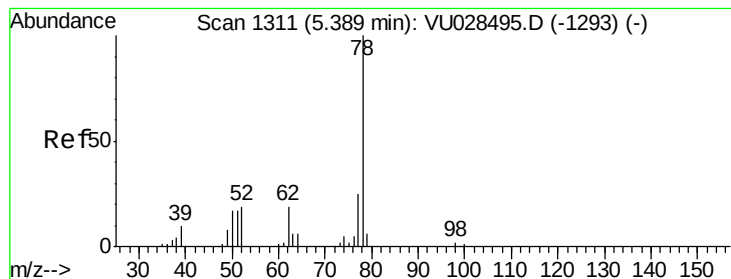
Abundance

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: 0.337 ug/l

RT: 5.39 min Scan# 1311

Delta R.T. -0.00 min

Lab File: VU028927.D

Acq: 22 Dec 2018 20:14

Instrument :

MSVOA_U

ClientSampleId :

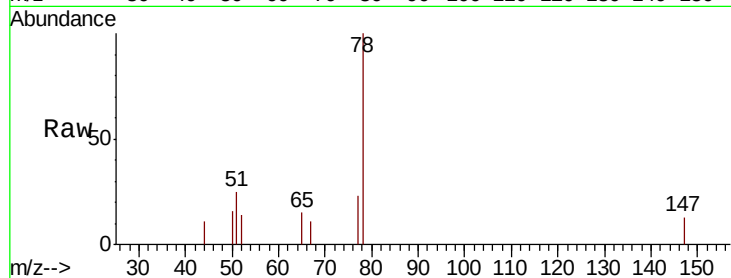
P001-SS013C-1824-01ME

Tgt Ion: 78 Resp: 3419

Ion Ratio Lower Upper

78 100

77 22.7 19.9 29.9



Abundance Ion 78.00 (77.70 to 78.70): VU028495.D (-1293) (-)

Ion 77.00 (76.70 to 77.70): VU028927.D (-1218) (-)

5.39

1500

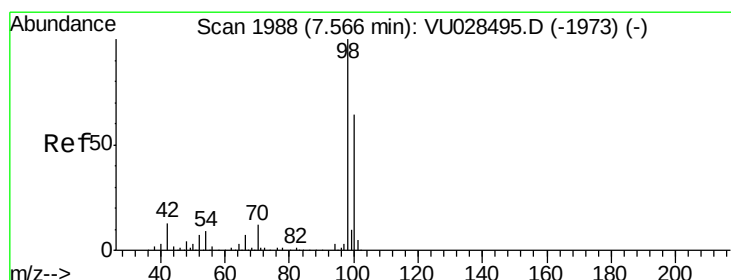
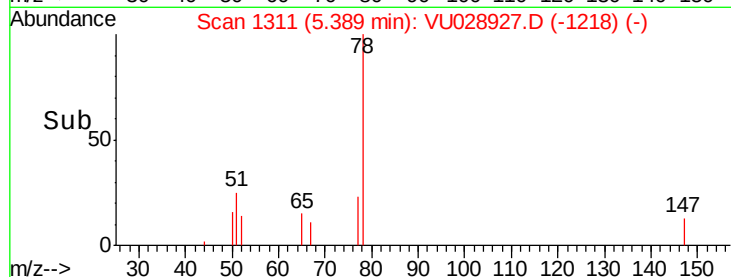
1000

500

0

5.35 5.40 5.45

Time-->



#50

Toluene-d8

Concen: 49.309 ug/l

RT: 7.57 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VU028927.D

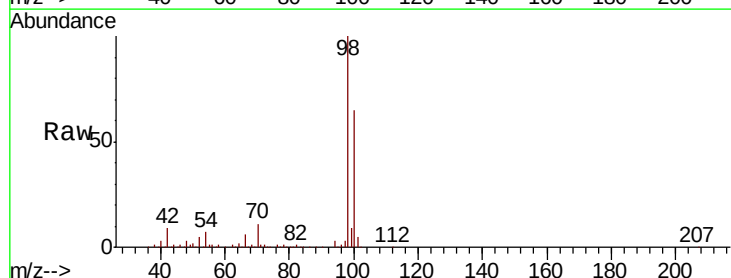
Acq: 22 Dec 2018 20:14

Tgt Ion: 98 Resp: 386109

Ion Ratio Lower Upper

98 100

100 64.3 51.0 76.6



Abundance Ion 98.00 (97.70 to 98.70): VU028495.D (-1973) (-)

Ion 100.00 (99.70 to 100.70): VU028927.D (-1895) (-)

7.57

250000

200000

150000

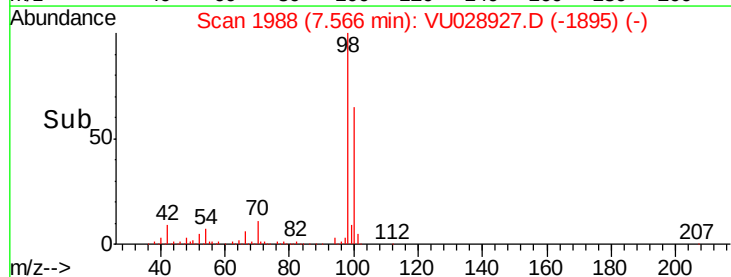
100000

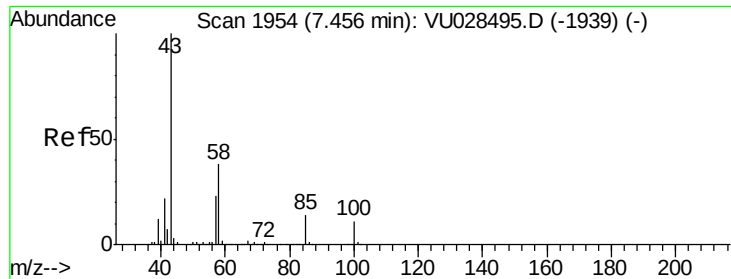
50000

0

7.50 7.60 7.70

Time-->

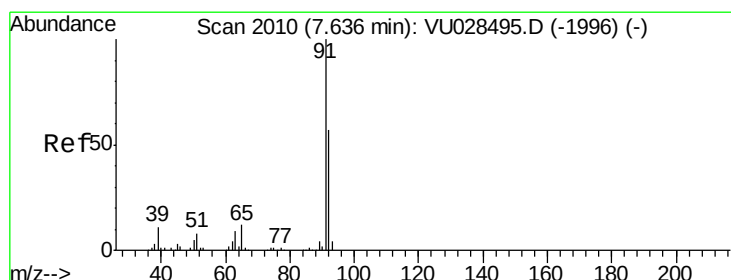
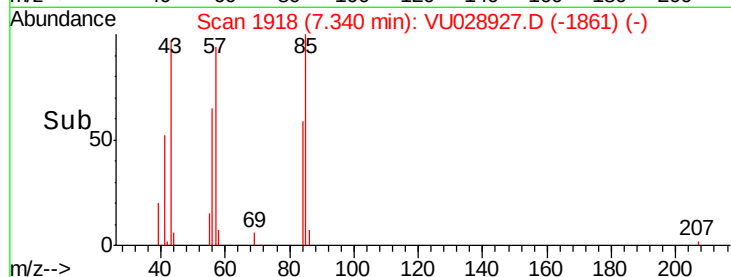
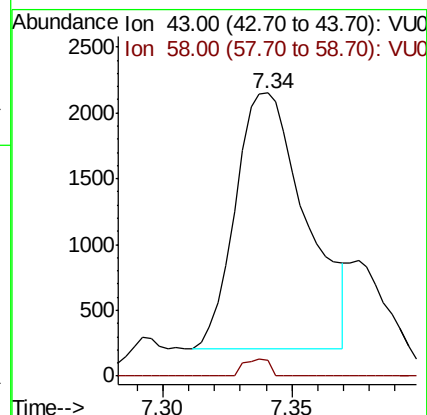
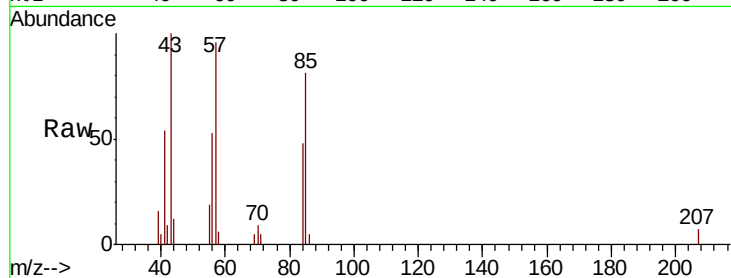




#51
 4-Methyl-2-Pentanone
 Concen: 0.831 ug/l
 RT: 7.34 min Scan# 1918
 Delta R.T. -0.12 min
 Lab File: VU028927.D
 Acq: 22 Dec 2018 20:14

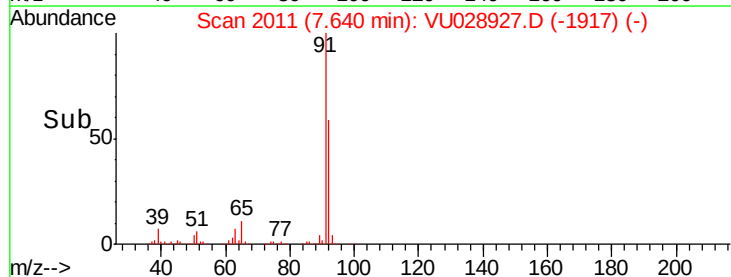
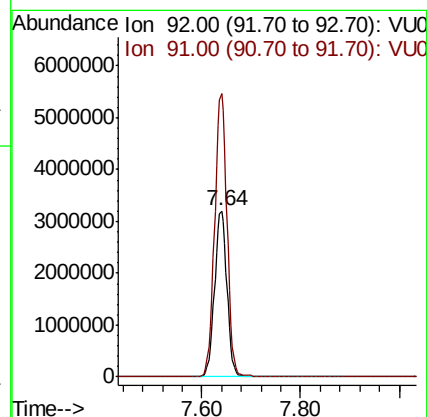
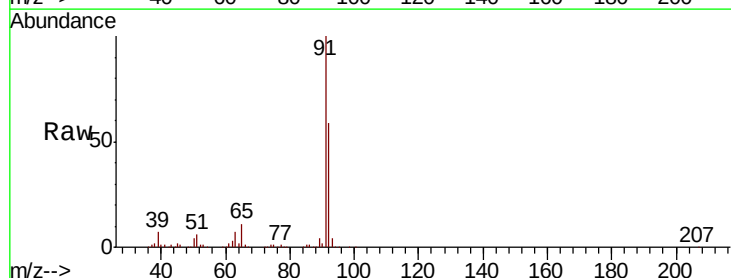
Instrument :
 MSVOA_U
 ClientSampleId :
 P001-SS013C-1824-01ME

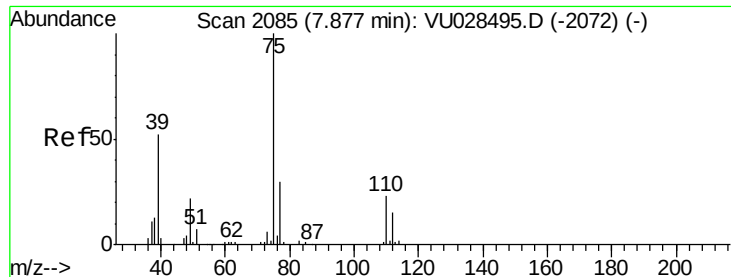
Tgt Ion: 43 Resp: 3690
 Ion Ratio Lower Upper
 43 100
 58 2.4 30.2 45.2#



#52
 Toluene
 Concen: 924.509 ug/l
 RT: 7.64 min Scan# 2011
 Delta R.T. 0.00 min
 Lab File: VU028927.D
 Acq: 22 Dec 2018 20:14

Tgt Ion: 92 Resp: 5515777
 Ion Ratio Lower Upper
 92 100
 91 171.4 140.2 210.4





#53

t-1,3-Dichloropropene

Concen: 14.759 ug/l

RT: 7.64 min Scan# 2011

Delta R.T. -0.24 min

Lab File: VU028927.D

Acq: 22 Dec 2018 20:14

Instrument :

MSVOA_U

ClientSampleId :

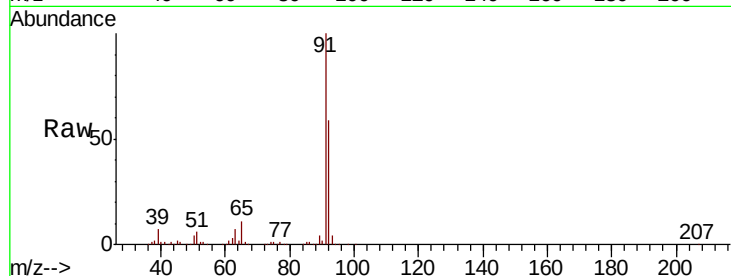
P001-SS013C-1824-01ME

Tgt Ion: 75 Resp: 57856

Ion Ratio Lower Upper

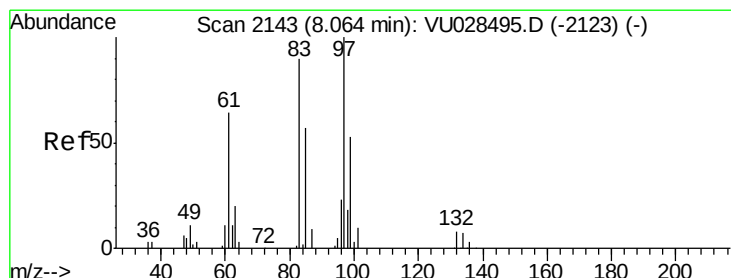
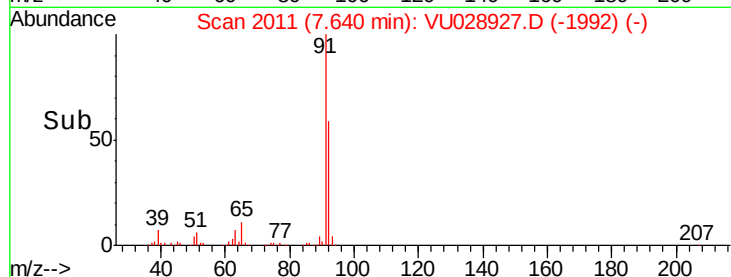
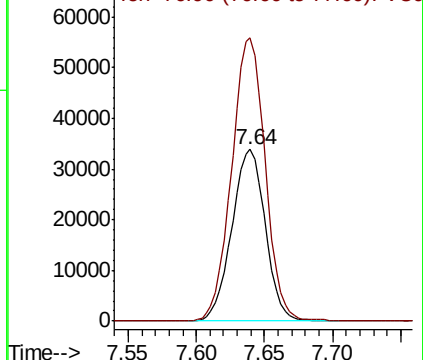
75 100

77 164.6 24.2 36.4#



Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 76.90 (76.60 to 77.60): VU0



#55

1,1,2-Trichloroethane

Concen: 0.866 ug/l

RT: 8.05 min Scan# 2138

Delta R.T. -0.02 min

Lab File: VU028927.D

Acq: 22 Dec 2018 20:14

Tgt Ion: 97 Resp: 2043

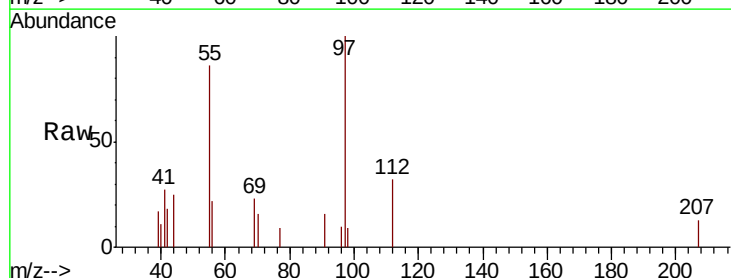
Ion Ratio Lower Upper

97 100

83 0.0 72.4 108.6#

85 0.0 46.0 69.0#

99 0.0 47.4 71.2#

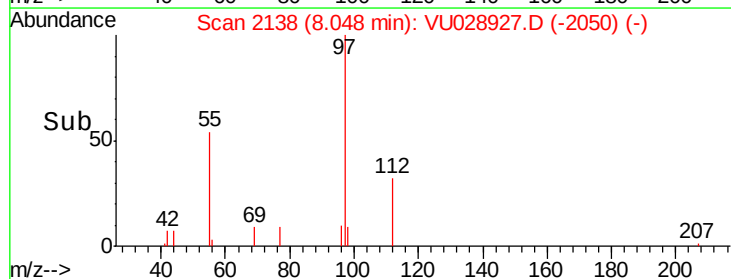
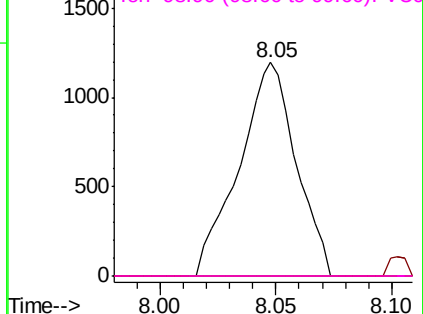


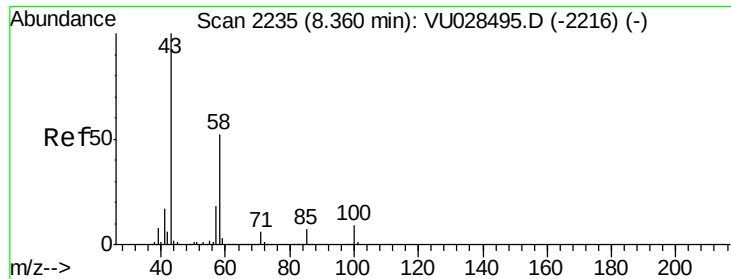
Abundance Ion 96.90 (96.60 to 97.60): VU0

Ion 82.90 (82.60 to 83.60): VU0

Ion 84.90 (84.60 to 85.60): VU0

Ion 98.90 (98.60 to 99.60): VU0

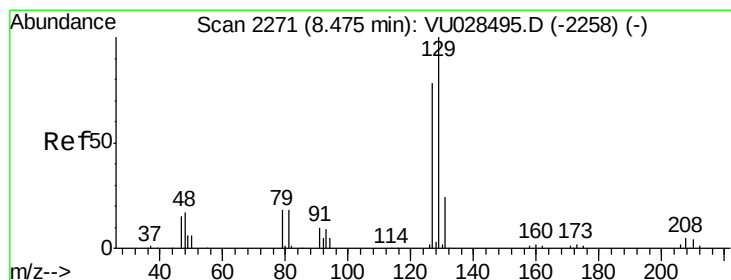
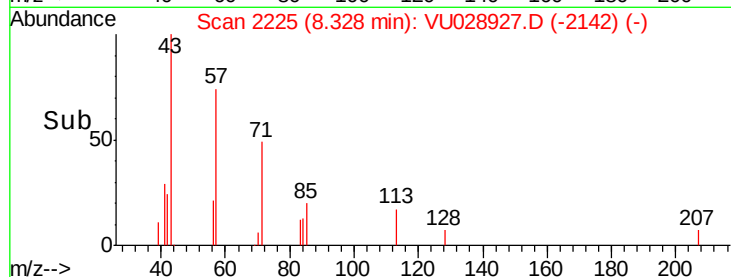
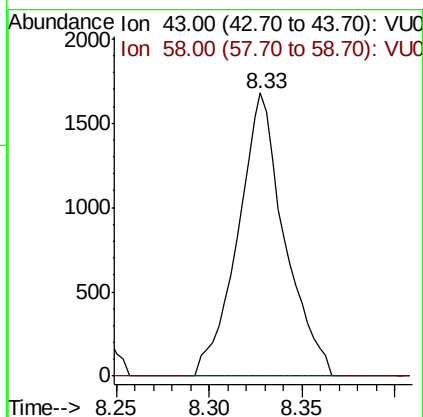
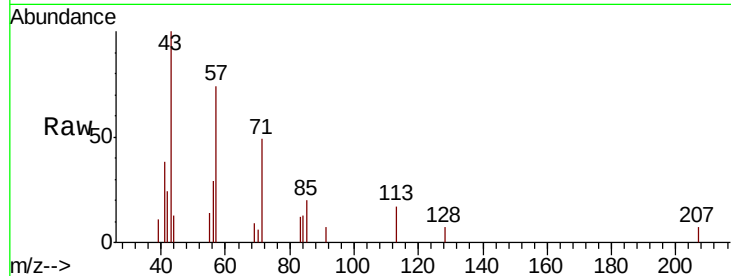




#59
 2-Hexanone
 Concen: 0.835 ug/l
 RT: 8.33 min Scan# 2225
 Delta R.T. -0.03 min
 Lab File: VU028927.D
 Acq: 22 Dec 2018 20:14

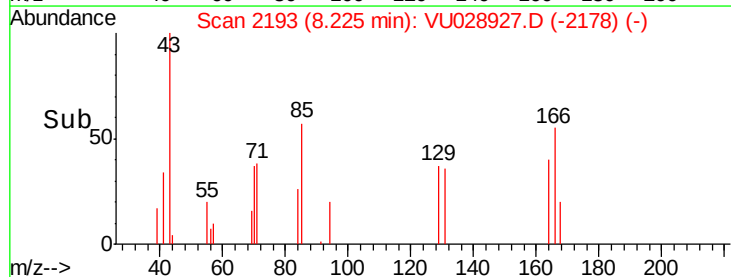
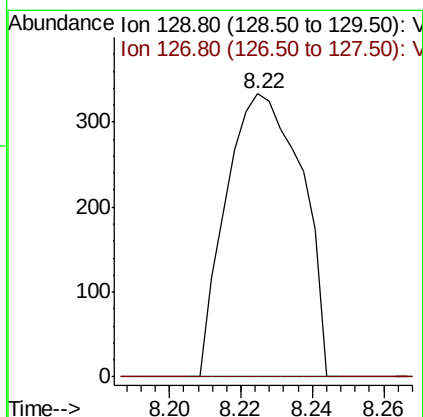
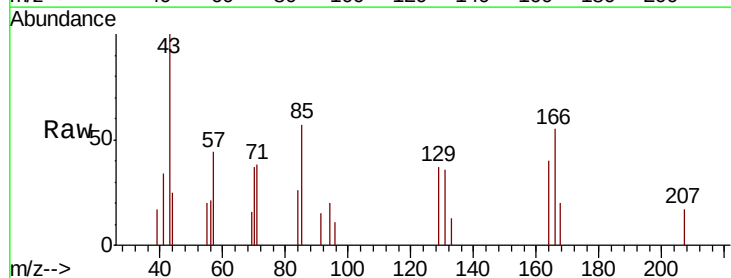
Instrument :
 MSVOA_U
 ClientSampleId :
 P001-SS013C-1824-01ME

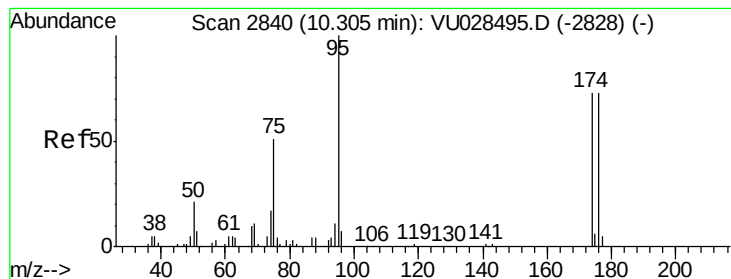
Tgt Ion: 43 Resp: 2937
 Ion Ratio Lower Upper
 43 100
 58 0.0 25.9 77.6#



#60
 Dibromochloromethane
 Concen: 0.211 ug/l
 RT: 8.22 min Scan# 2193
 Delta R.T. -0.25 min
 Lab File: VU028927.D
 Acq: 22 Dec 2018 20:14

Tgt Ion: 129 Resp: 487
 Ion Ratio Lower Upper
 129 100
 127 0.0 39.1 117.3#





#62

4-Bromofluorobenzene

Concen: 46.129 ug/l

RT: 10.31 min Scan# 2840

Delta R.T. 0.00 min

Lab File: VU028927.D

Acq: 22 Dec 2018 20:14

Instrument :

MSVOA_U

ClientSampleId :

P001-SS013C-1824-01ME

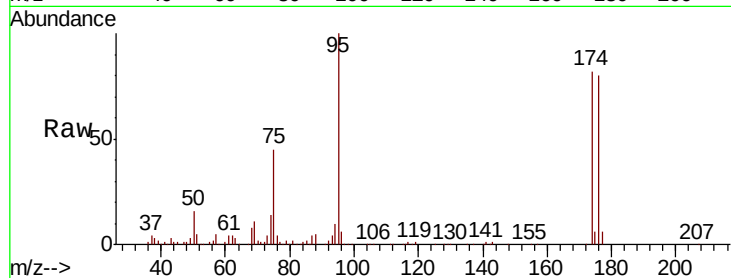
Tgt Ion: 95 Resp: 135007

Ion Ratio Lower Upper

95 100

174 84.3 0.0 150.4

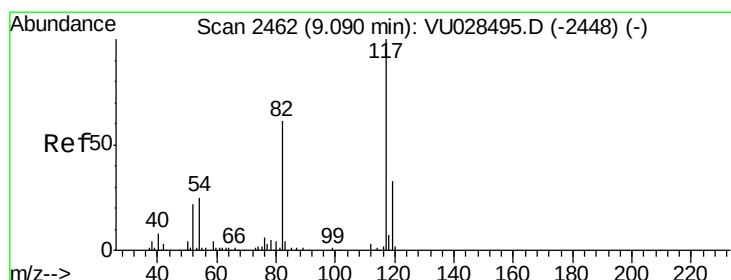
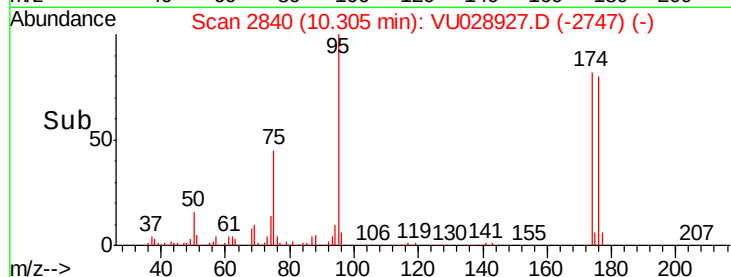
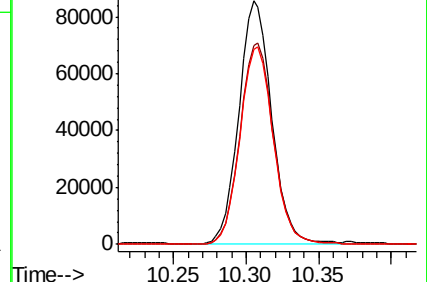
176 82.4 0.0 145.2



Abundance Ion 94.90 (94.60 to 95.60): VU028495.D (-2828) (-)

Ion 173.80 (173.50 to 174.50): VU028495.D (-2828) (-)

Ion 175.80 (175.50 to 176.50): VU028495.D (-2828) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.09 min Scan# 2461

Delta R.T. -0.00 min

Lab File: VU028927.D

Acq: 22 Dec 2018 20:14

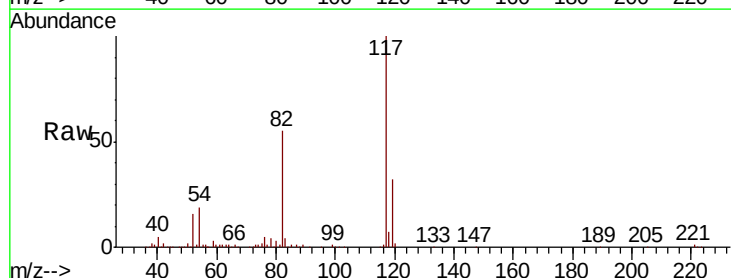
Tgt Ion: 117 Resp: 283794

Ion Ratio Lower Upper

117 100

82 54.5 48.9 73.3

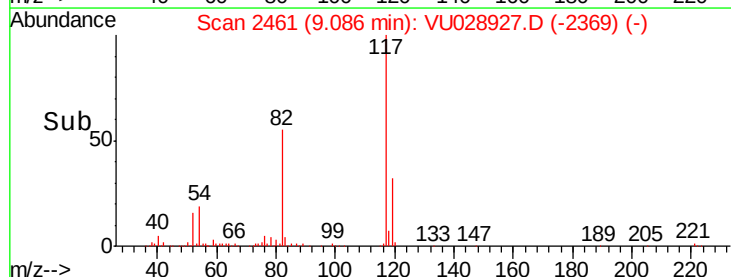
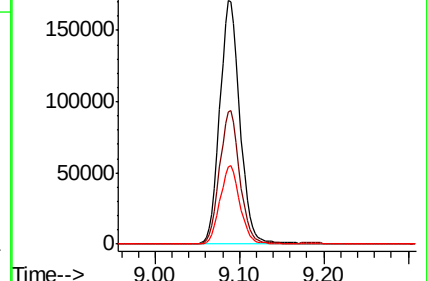
119 31.8 26.2 39.4

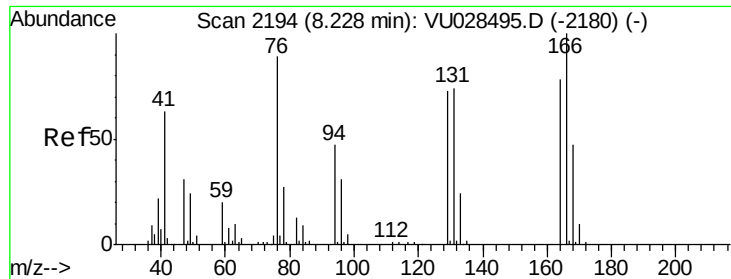


Abundance Ion 116.90 (116.60 to 117.60): VU028495.D (-2448) (-)

Ion 82.00 (81.70 to 82.70): VU028495.D (-2448) (-)

Ion 118.90 (118.60 to 119.60): VU028495.D (-2448) (-)





#64

Tetrachloroethene

Concen: 0.347 ug/l

RT: 8.23 min Scan# 2195

Delta R.T. 0.00 min

Lab File: VU028927.D

Acq: 22 Dec 2018 20:14

Instrument :

MSVOA_U

ClientSampleId :

P001-SS013C-1824-01ME

Tgt Ion:164 Resp: 656

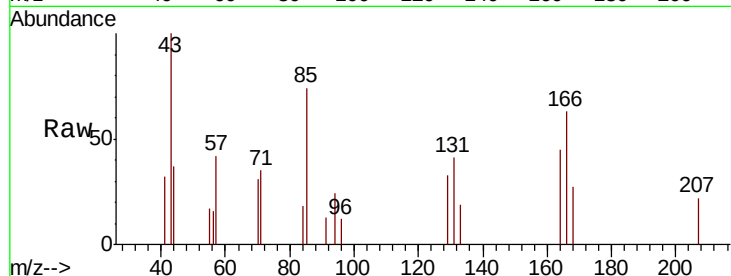
Ion Ratio Lower Upper

164 100

166 140.2 101.9 152.9

129 73.7 74.9 112.3#

131 90.9 75.4 113.0

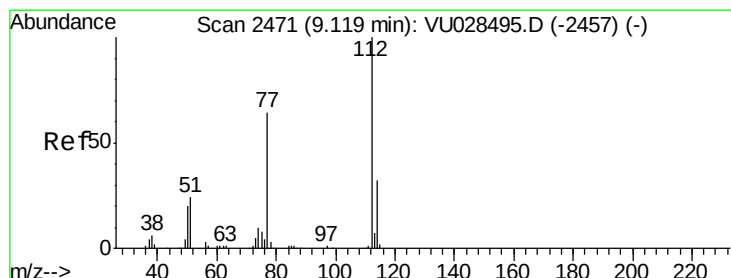
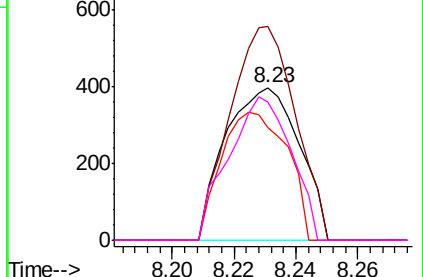
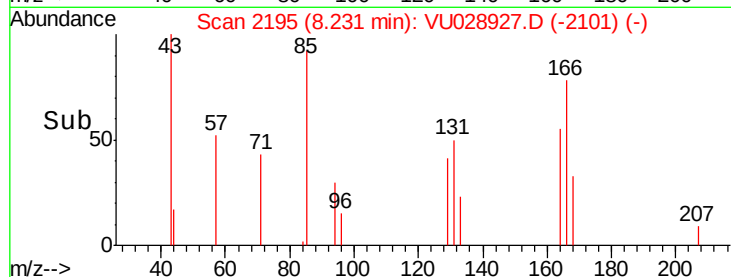


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#65

Chlorobenzene

Concen: 0.234 ug/l

RT: 9.12 min Scan# 2470

Delta R.T. -0.00 min

Lab File: VU028927.D

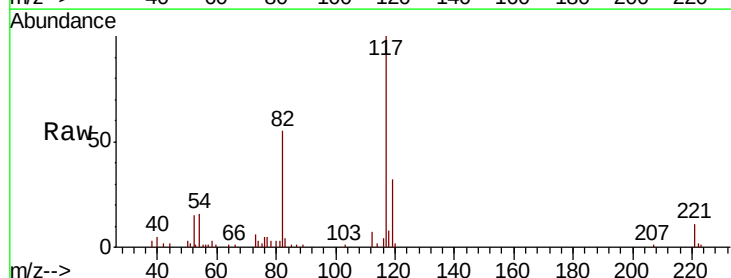
Acq: 22 Dec 2018 20:14

Tgt Ion:112 Resp: 1413

Ion Ratio Lower Upper

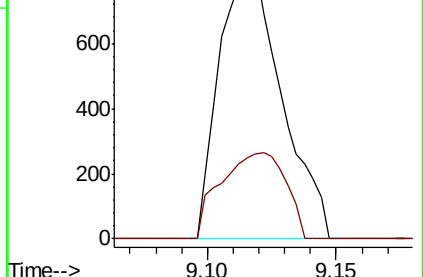
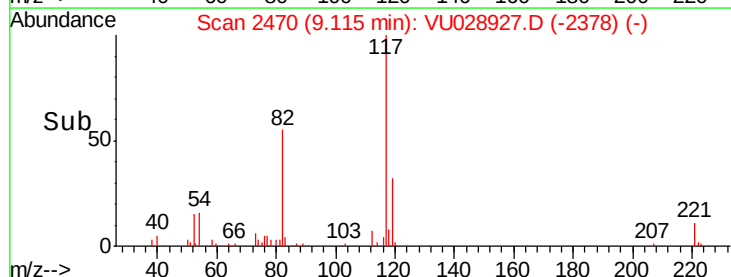
112 100

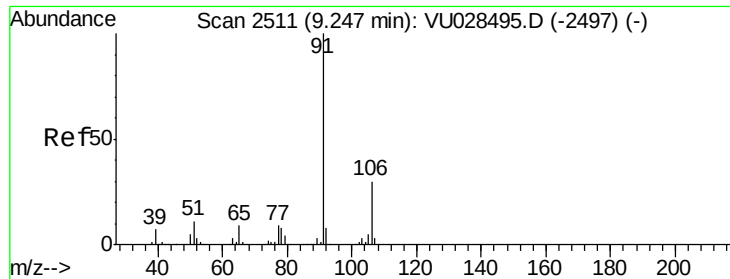
114 28.7 25.3 37.9



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

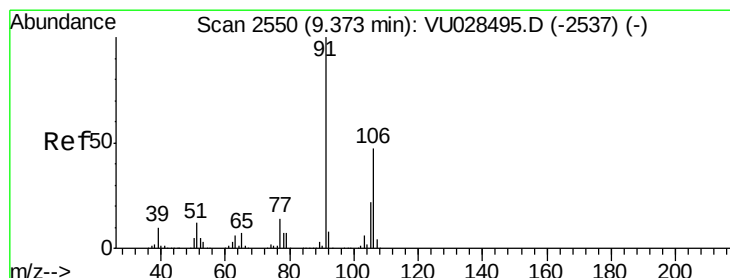
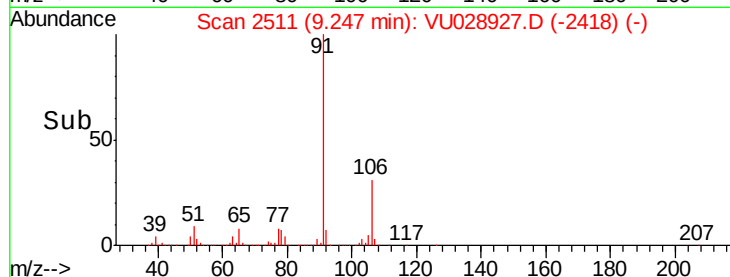
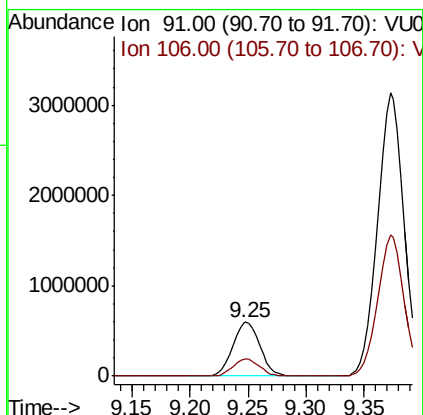
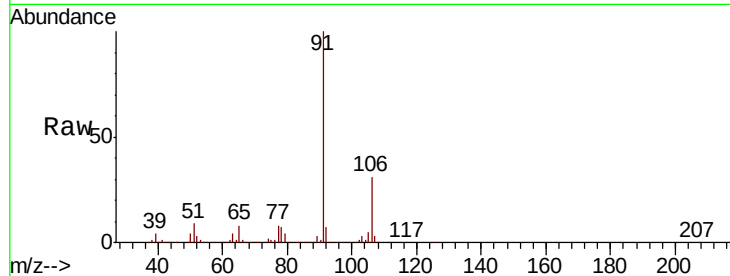




#67
 Ethyl Benzene
 Concen: 87.028 ug/l
 RT: 9.25 min Scan# 2511
 Delta R.T. -0.00 min
 Lab File: VU028927.D
 Acq: 22 Dec 2018 20:14

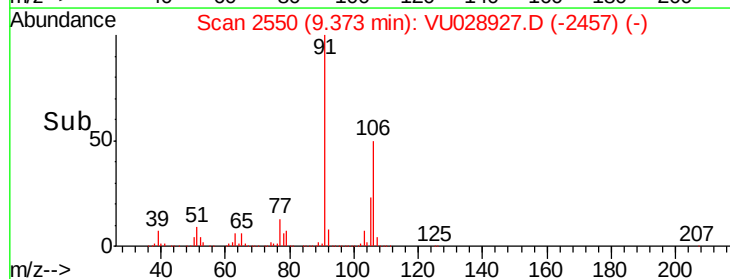
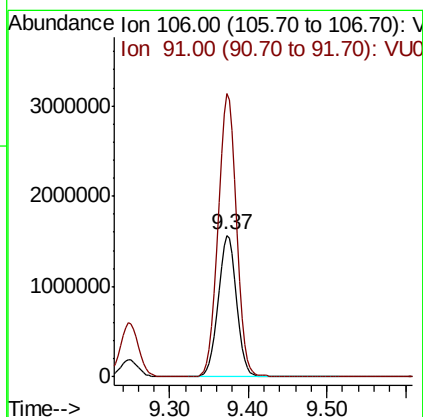
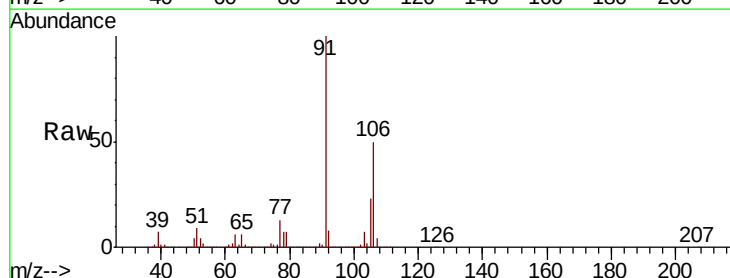
Instrument :
 MSVOA_U
 ClientSampleId :
 P001-SS013C-1824-01ME

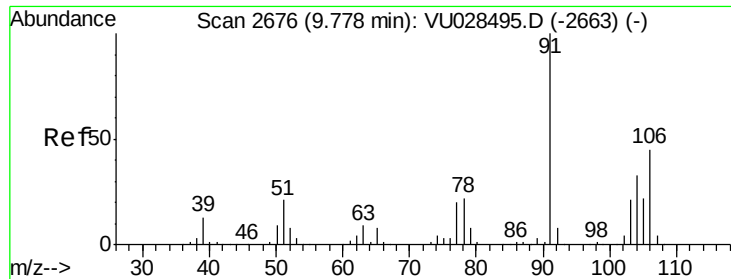
Tgt Ion: 91 Resp: 967495
 Ion Ratio Lower Upper
 91 100
 106 31.2 24.1 36.1



#68
 m/p-Xylenes
 Concen: 619.728 ug/l
 RT: 9.37 min Scan# 2550
 Delta R.T. -0.00 min
 Lab File: VU028927.D
 Acq: 22 Dec 2018 20:14

Tgt Ion: 106 Resp: 2506911
 Ion Ratio Lower Upper
 106 100
 91 200.7 167.4 251.0

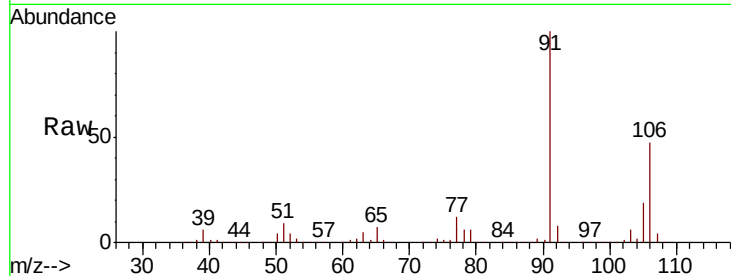




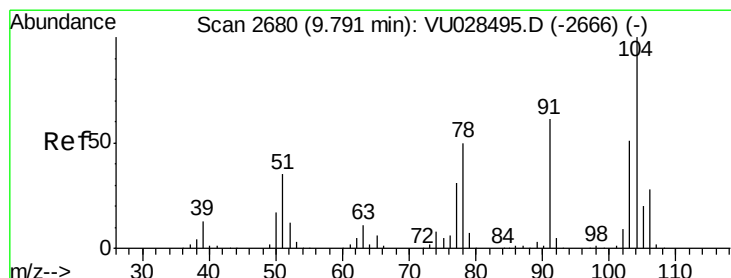
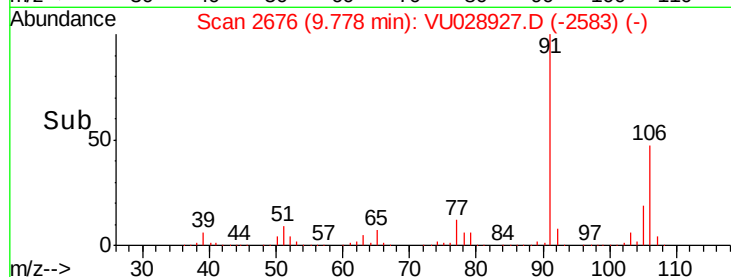
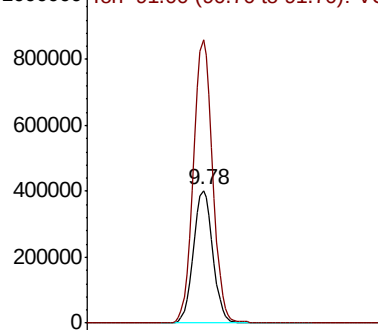
#69
o-Xylene
Concen: 160.428 ug/l
RT: 9.78 min Scan# 2676
Delta R.T. 0.00 min
Lab File: VU028927.D
Acq: 22 Dec 2018 20:14

Instrument :
MSVOA_U
ClientSampleId :
P001-SS013C-1824-01ME

Tgt Ion:106 Resp: 630662
Ion Ratio Lower Upper
106 100
91 212.2 111.3 334.0

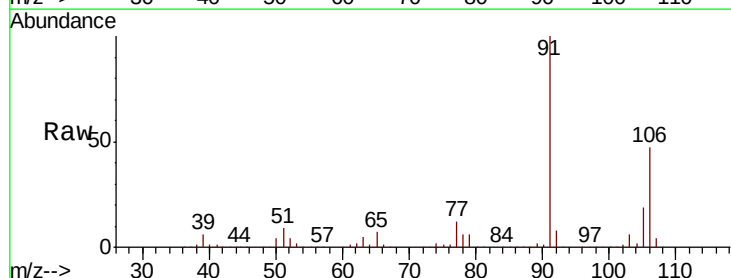


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0

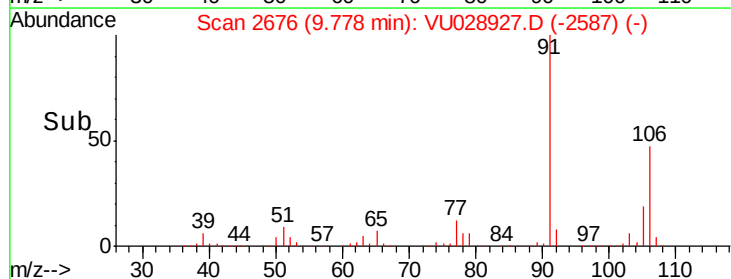
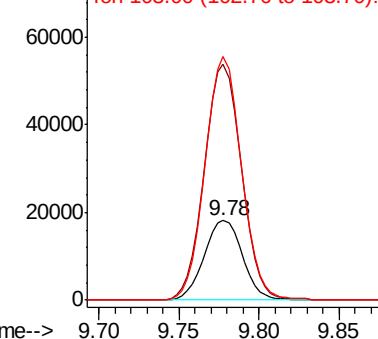


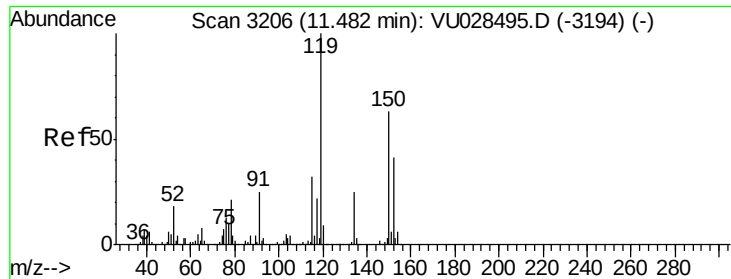
#70
Styrene
Concen: 4.566 ug/l
RT: 9.78 min Scan# 2676
Delta R.T. -0.01 min
Lab File: VU028927.D
Acq: 22 Dec 2018 20:14

Tgt Ion:104 Resp: 29706
Ion Ratio Lower Upper
104 100
78 287.6 43.0 64.6#
103 290.2 44.2 66.4#



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VU0
Ion 103.00 (102.70 to 103.70): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.48 min Scan# 3206

Delta R.T. 0.00 min

Lab File: VU028927.D

Acq: 22 Dec 2018 20:14

Instrument :

MSVOA_U

ClientSampleId :

P001-SS013C-1824-01ME

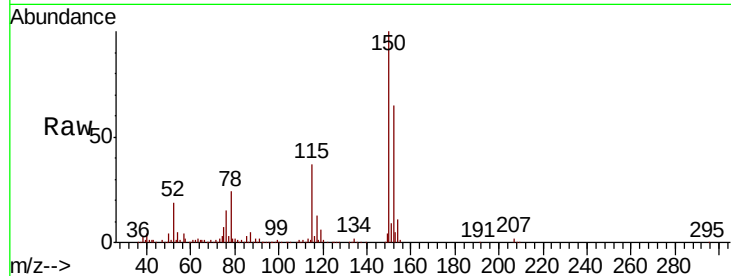
Tgt Ion:152 Resp: 132288

Ion Ratio Lower Upper

152 100

115 57.2 42.7 128.1

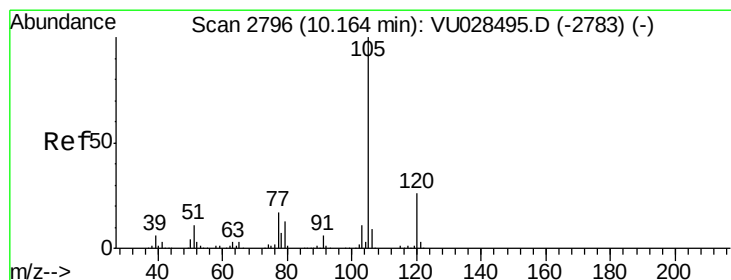
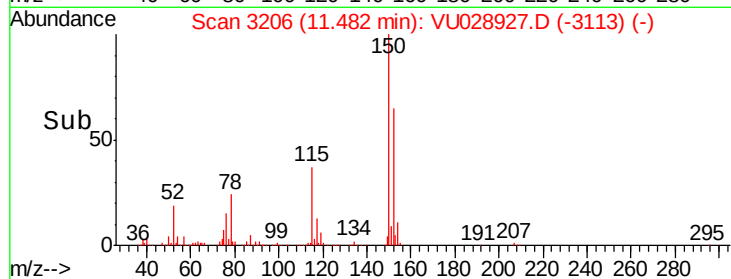
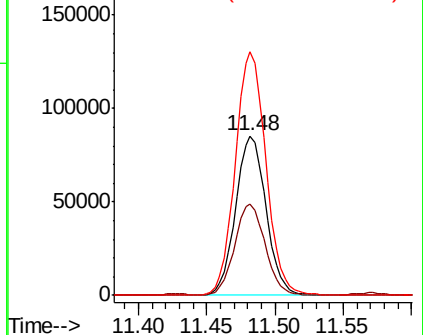
150 154.0 0.0 346.0



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: 1.807 ug/l

RT: 10.17 min Scan# 2797

Delta R.T. 0.00 min

Lab File: VU028927.D

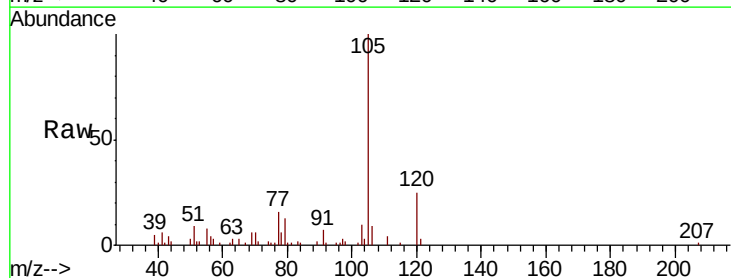
Acq: 22 Dec 2018 20:14

Tgt Ion:105 Resp: 18344

Ion Ratio Lower Upper

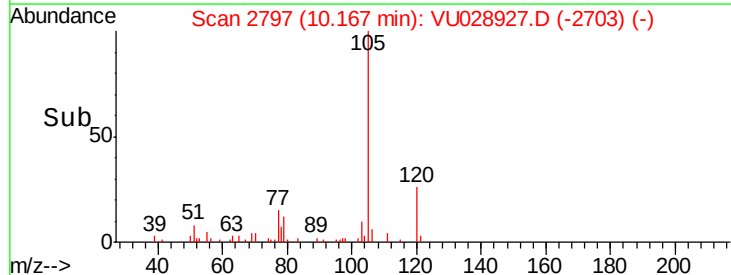
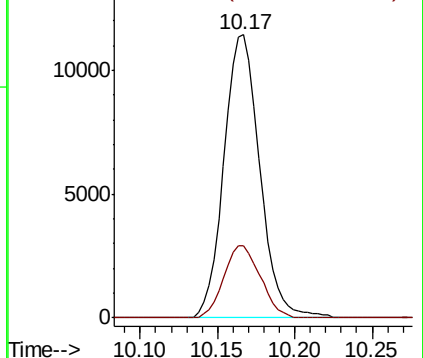
105 100

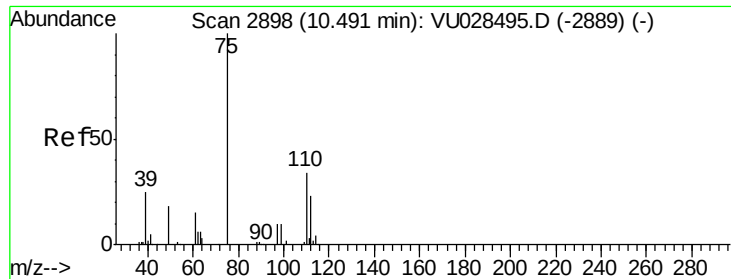
120 25.9 12.9 38.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#76

1,2,3-Trichloropropane

Concen: 1.978 ug/l

RT: 10.60 min Scan# 2933

Delta R.T. 0.11 min

Lab File: VU028927.D

Acq: 22 Dec 2018 20:14

Instrument :

MSVOA_U

ClientSampleId :

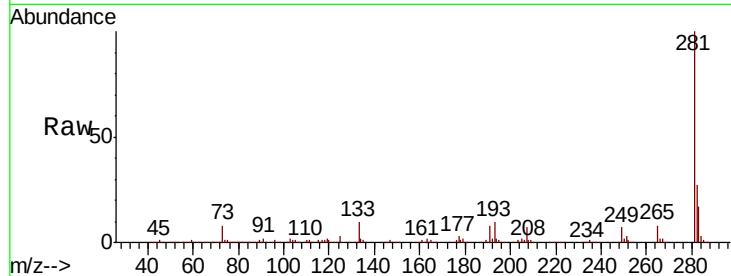
P001-SS013C-1824-01ME

Tgt Ion: 75 Resp: 6682

Ion Ratio Lower Upper

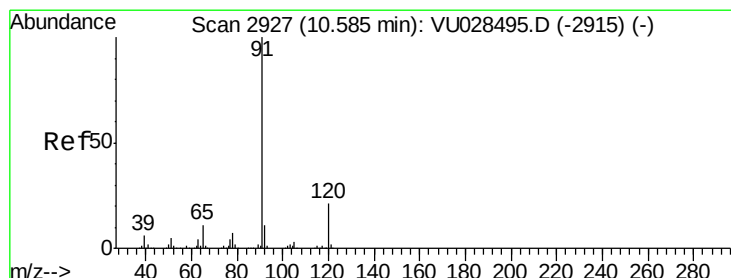
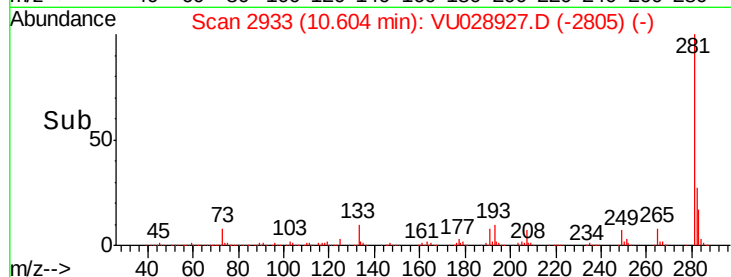
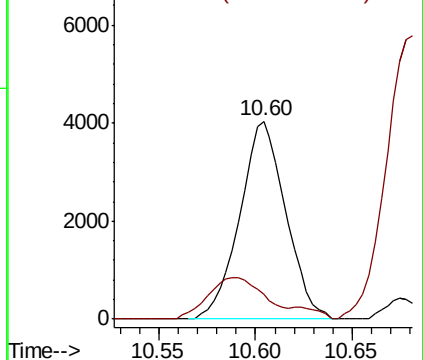
75 100

77 25.6 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: 2.342 ug/l

RT: 10.59 min Scan# 2928

Delta R.T. 0.00 min

Lab File: VU028927.D

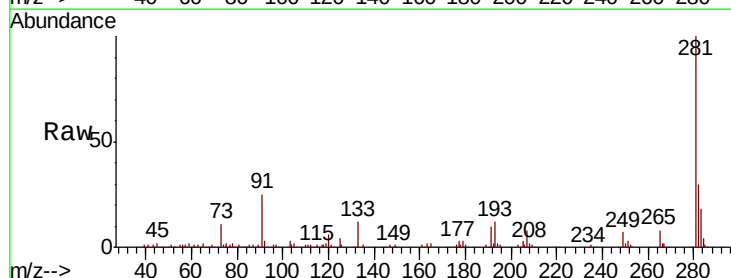
Acq: 22 Dec 2018 20:14

Tgt Ion: 91 Resp: 29537

Ion Ratio Lower Upper

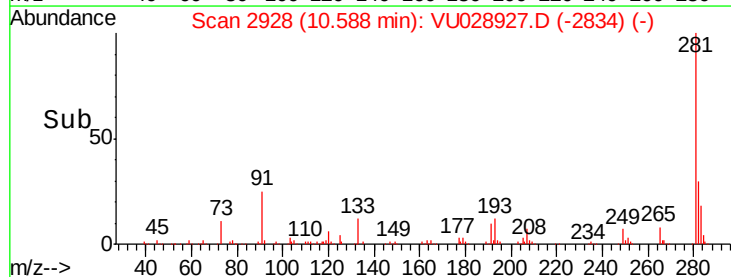
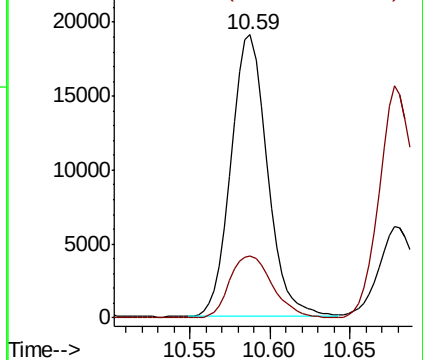
91 100

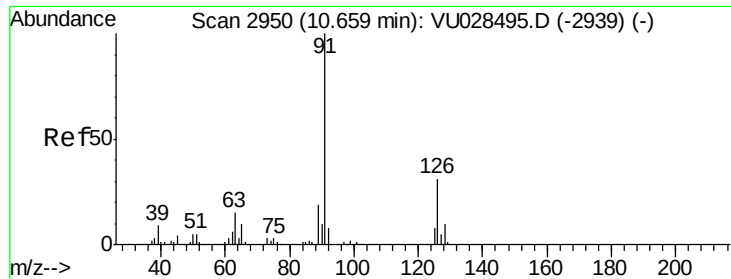
120 26.0 10.6 31.8



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 1.695 ug/l

RT: 10.68 min Scan# 2956

Delta R.T. 0.02 min

Lab File: VU028927.D

Acq: 22 Dec 2018 20:14

Instrument :

MSVOA_U

ClientSampleId :

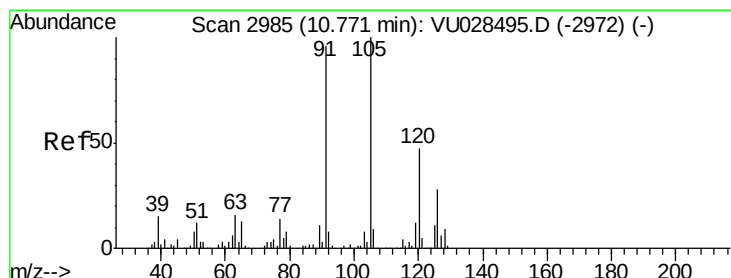
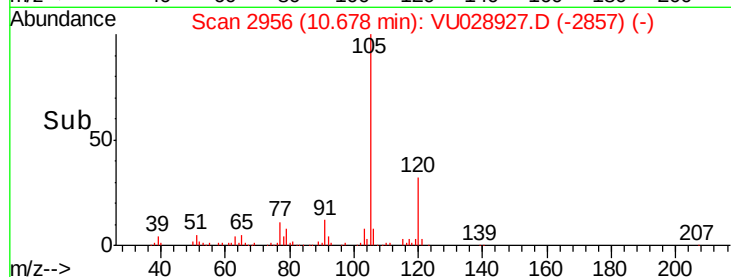
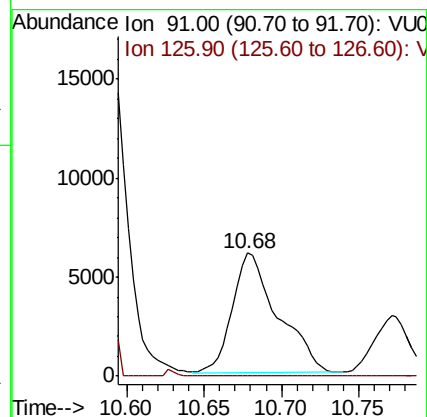
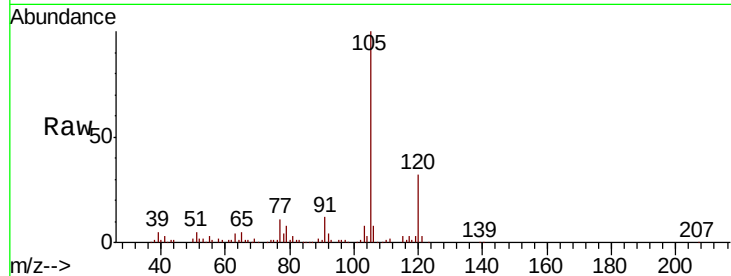
P001-SS013C-1824-01ME

Tgt Ion: 91 Resp: 12312

Ion Ratio Lower Upper

91 100

126 0.0 15.6 46.8#



#80

1,3,5-Trimethylbenzene

Concen: 5.717 ug/l

RT: 10.77 min Scan# 2985

Delta R.T. 0.00 min

Lab File: VU028927.D

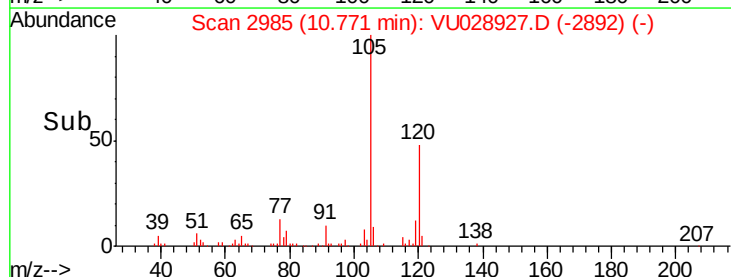
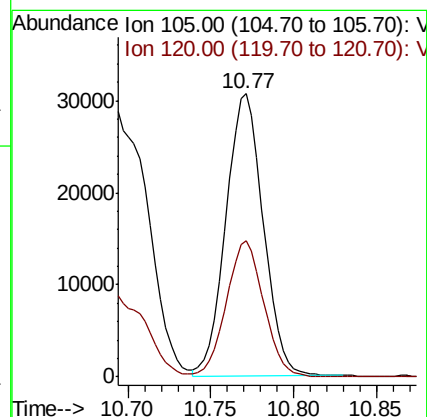
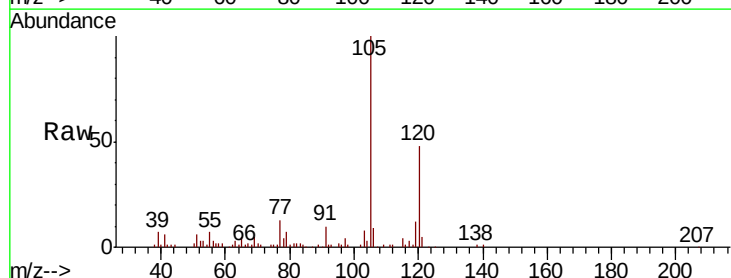
Acq: 22 Dec 2018 20:14

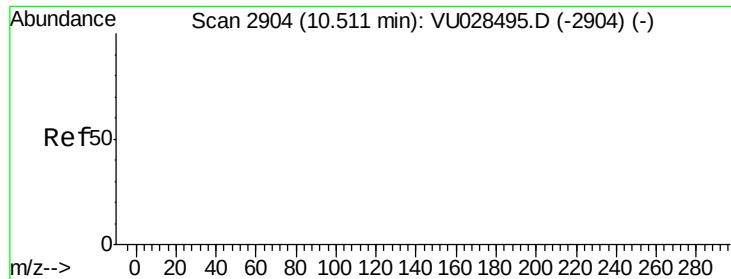
Tgt Ion: 105 Resp: 48034

Ion Ratio Lower Upper

105 100

120 48.3 23.7 71.1





#81

trans-1,4-Dichloro-2-butene

Concen: 5.336 ug/l

RT: 10.60 min Scan# 2933

Delta R.T. 0.09 min

Lab File: VU028927.D

Acq: 22 Dec 2018 20:14

Instrument :

MSVOA_U

ClientSampleId :

P001-SS013C-1824-01ME

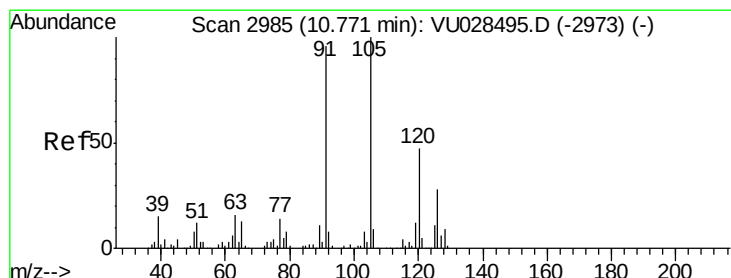
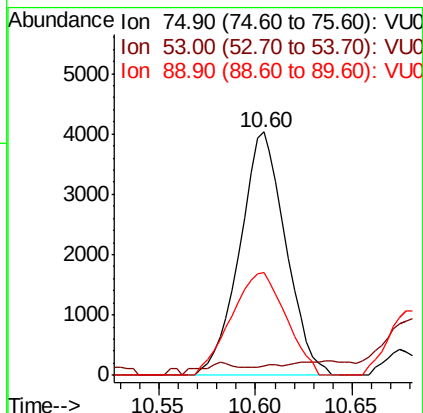
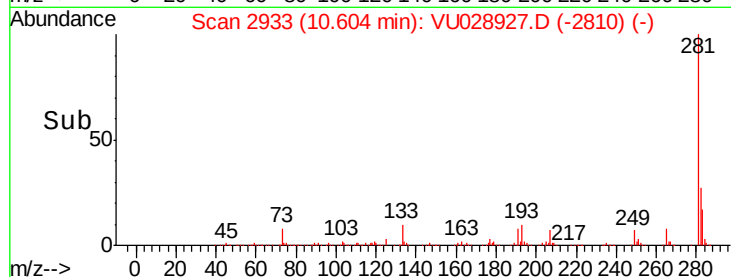
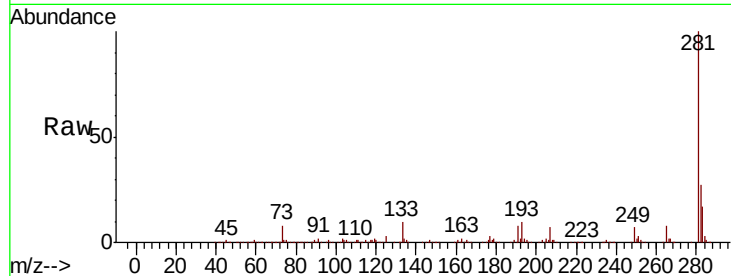
Tgt Ion: 75 Resp: 6682

Ion Ratio Lower Upper

75 100

53 0.0 0.0 0.0

89 50.1 0.0 0.0#



#82

4-Chlorotoluene

Concen: 0.496 ug/l

RT: 10.77 min Scan# 2985

Delta R.T. 0.00 min

Lab File: VU028927.D

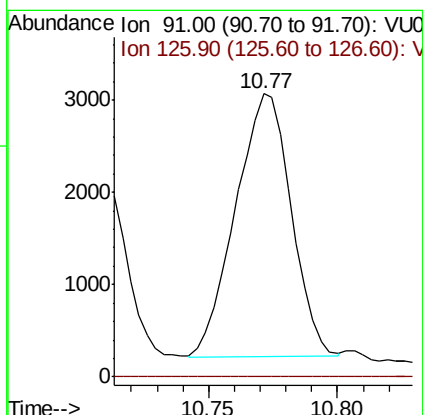
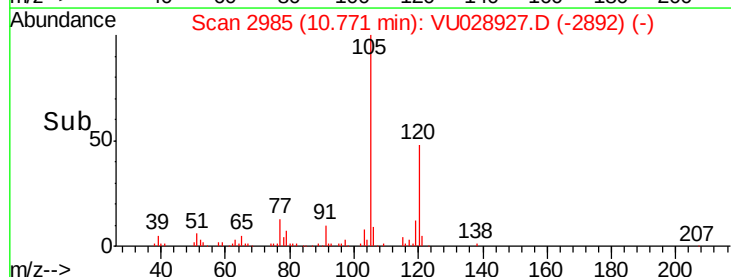
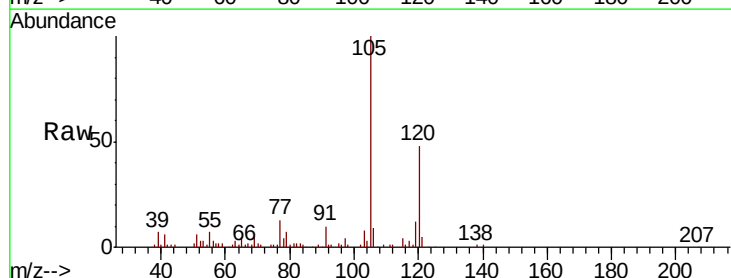
Acq: 22 Dec 2018 20:14

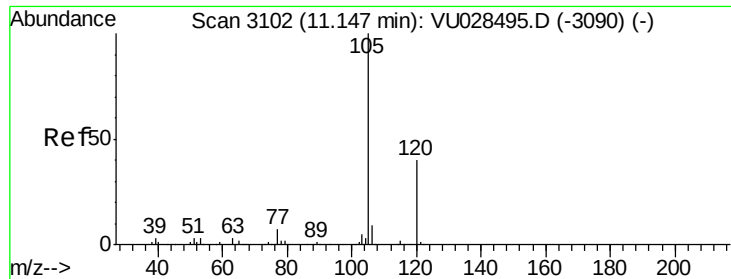
Tgt Ion: 91 Resp: 4269

Ion Ratio Lower Upper

91 100

126 0.0 14.1 42.3#

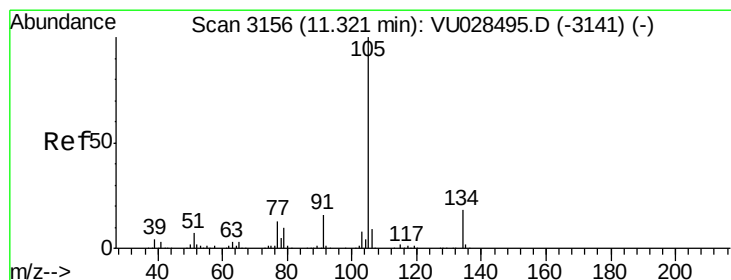
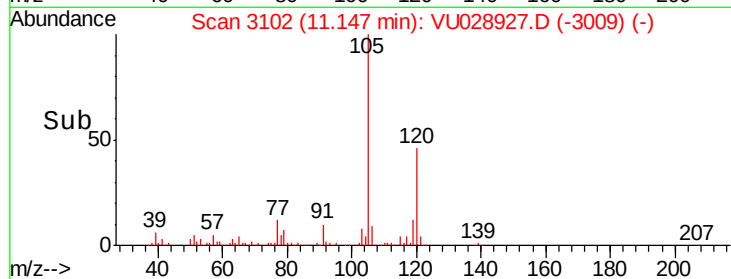
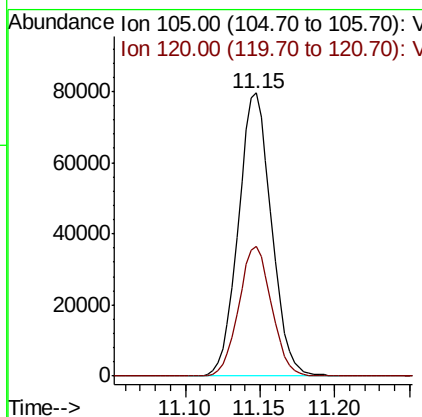
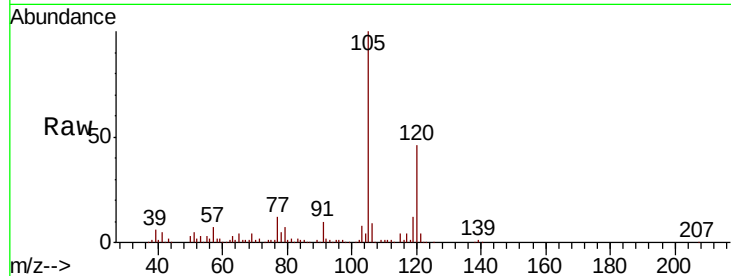




#84
 1,2,4-Trimethylbenzene
 Concen: 14.151 ug/l
 RT: 11.15 min Scan# 3102
 Delta R.T. 0.00 min
 Lab File: VU028927.D
 Acq: 22 Dec 2018 20:14

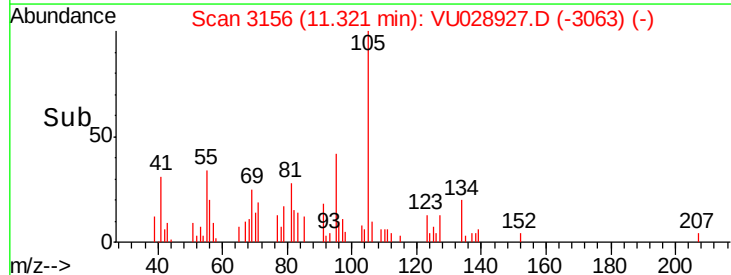
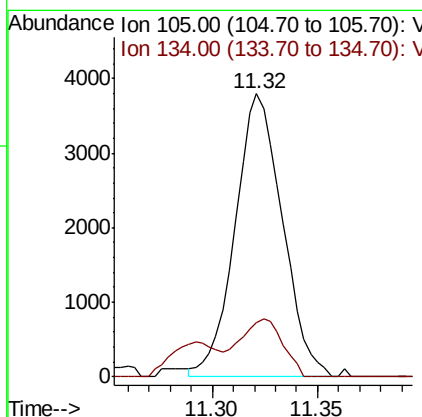
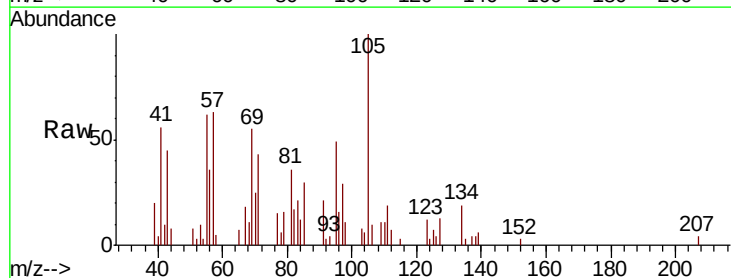
Instrument :
 MSVOA_U
 ClientSampleId :
 P001-SS013C-1824-01ME

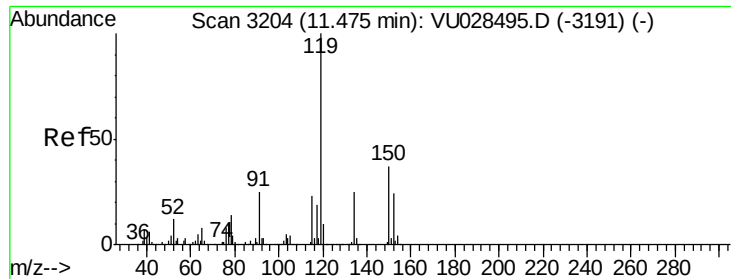
Tgt Ion:105 Resp: 122541
 Ion Ratio Lower Upper
 105 100
 120 45.4 21.8 65.4



#85
 sec-Butylbenzene
 Concen: 0.569 ug/l
 RT: 11.32 min Scan# 3156
 Delta R.T. 0.00 min
 Lab File: VU028927.D
 Acq: 22 Dec 2018 20:14

Tgt Ion:105 Resp: 5917
 Ion Ratio Lower Upper
 105 100
 134 18.7 9.2 27.6

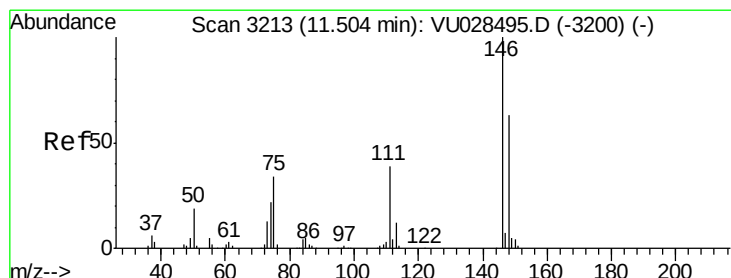
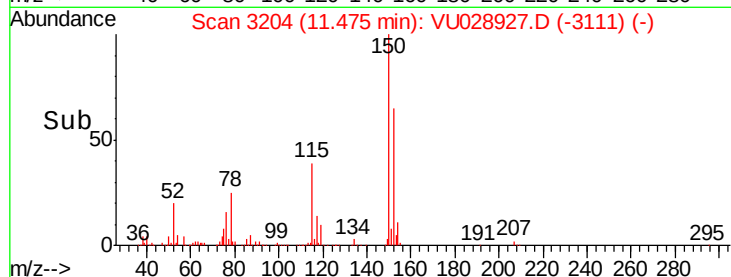
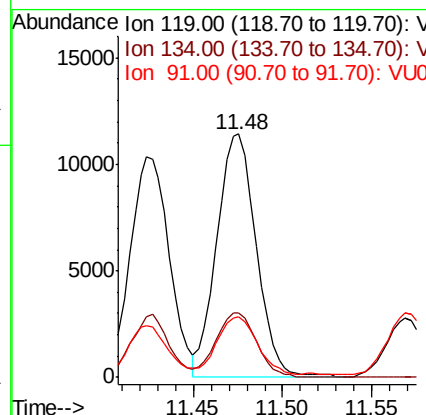
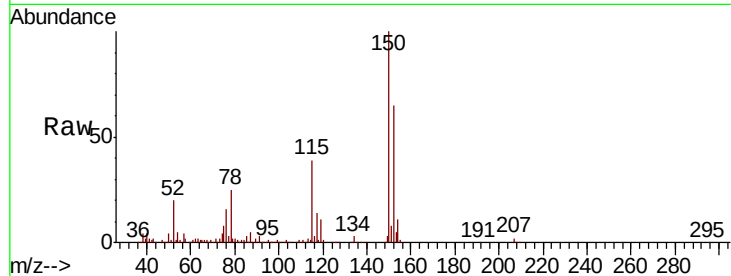




#86
 p-Isopropyltoluene
 Concen: 1.980 ug/l
 RT: 11.48 min Scan# 3204
 Delta R.T. 0.00 min
 Lab File: VU028927.D
 Acq: 22 Dec 2018 20:14

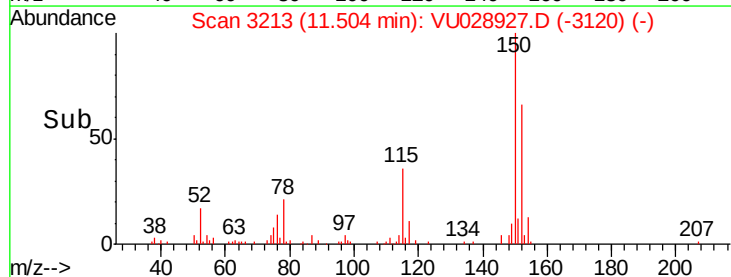
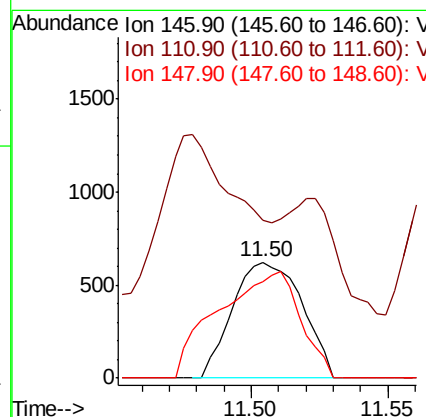
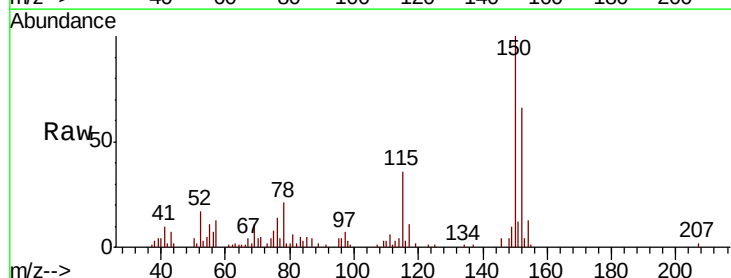
Instrument :
 MSVOA_U
 ClientSampleId :
 P001-SS013C-1824-01ME

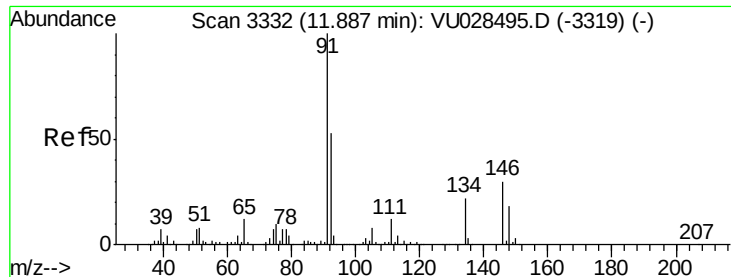
Tgt Ion:119 Resp: 17503
 Ion Ratio Lower Upper
 119 100
 134 27.2 12.7 38.1
 91 23.5 12.6 37.6



#88
 1,4-Dichlorobenzene
 Concen: 0.239 ug/l
 RT: 11.50 min Scan# 3213
 Delta R.T. 0.00 min
 Lab File: VU028927.D
 Acq: 22 Dec 2018 20:14

Tgt Ion:146 Resp: 1107
 Ion Ratio Lower Upper
 146 100
 111 0.0 20.2 60.5#
 148 107.9 31.6 95.0#





#89

n-Butylbenzene

Concen: 1.626 ug/l

RT: 11.88 min Scan# 3330

Delta R.T. -0.01 min

Lab File: VU028927.D

Acq: 22 Dec 2018 20:14

Instrument :

MSVOA_U

ClientSampleId :

P001-SS013C-1824-01ME

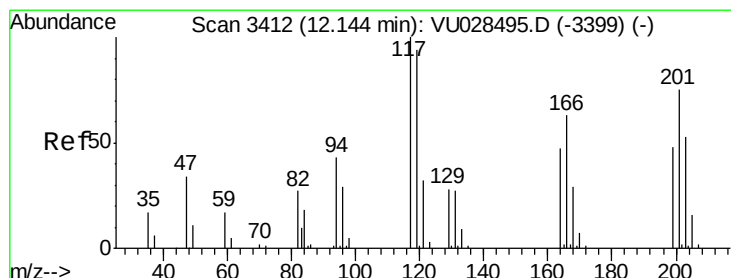
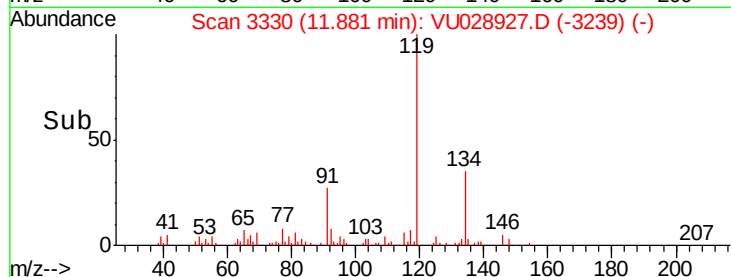
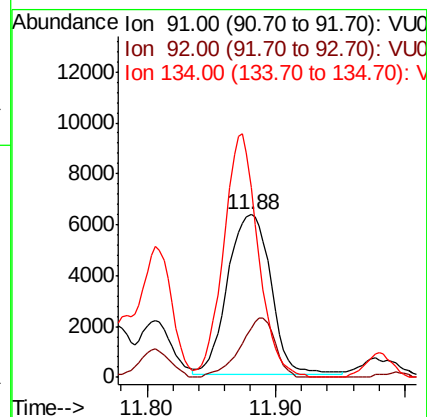
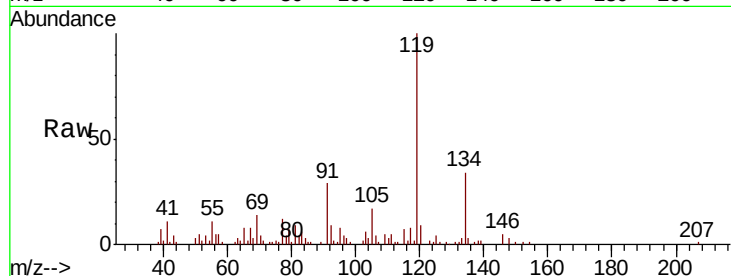
Tgt Ion: 91 Resp: 14540

Ion Ratio Lower Upper

91 100

92 30.2 26.3 78.9

134 122.0 11.3 33.8#



#90

Hexachloroethane

Concen: 1.513 ug/l

RT: 12.14 min Scan# 3412

Delta R.T. 0.00 min

Lab File: VU028927.D

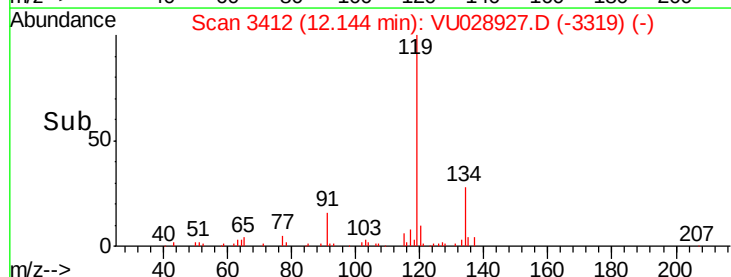
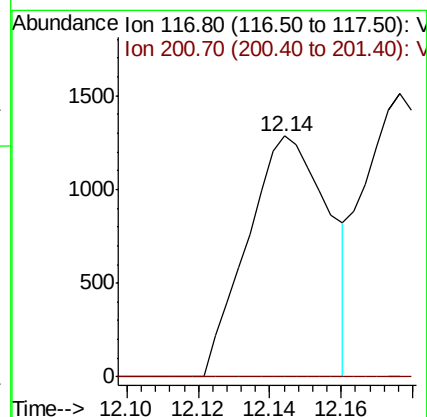
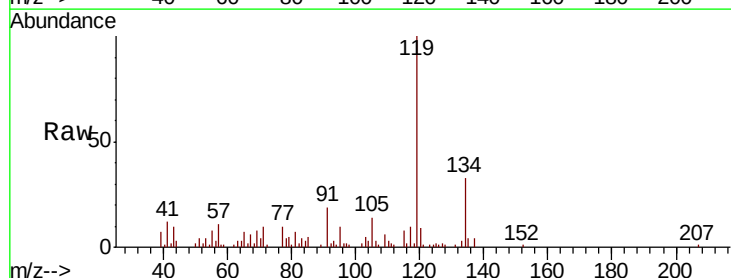
Acq: 22 Dec 2018 20:14

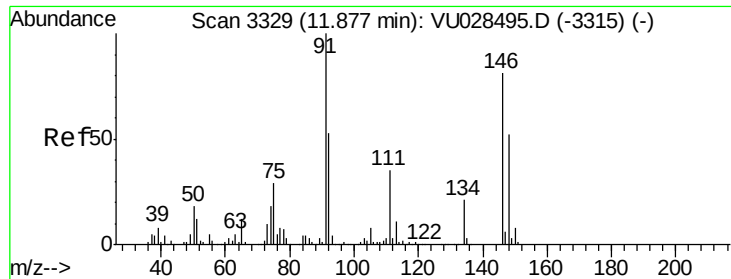
Tgt Ion: 117 Resp: 2021

Ion Ratio Lower Upper

117 100

201 0.0 38.1 114.5#

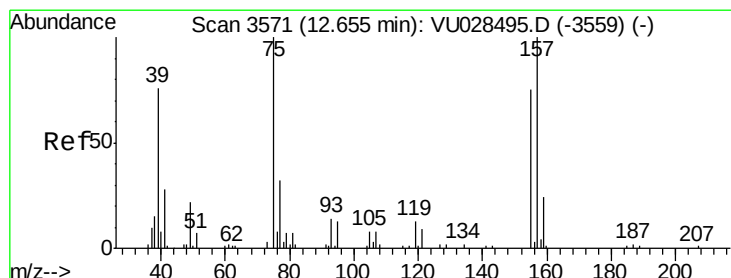
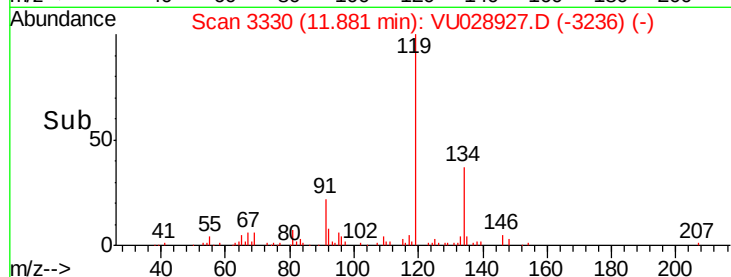
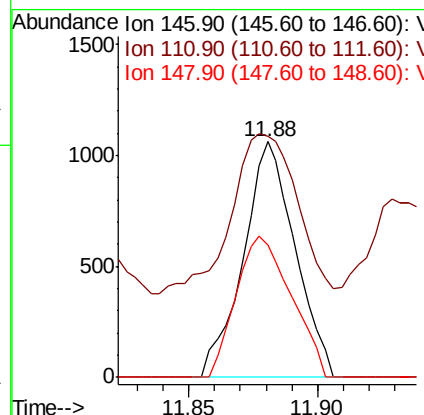
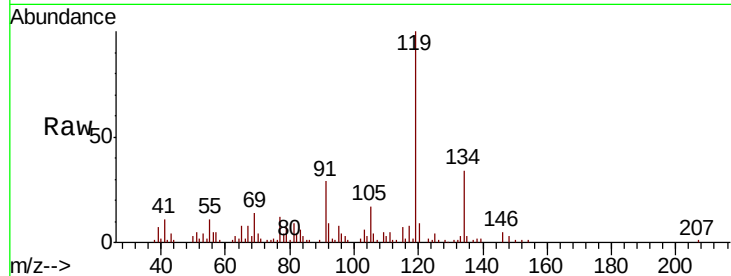




#91
 1,2-Dichlorobenzene
 Concen: 0.332 ug/l
 RT: 11.88 min Scan# 3330
 Delta R.T. 0.00 min
 Lab File: VU028927.D
 Acq: 22 Dec 2018 20:14

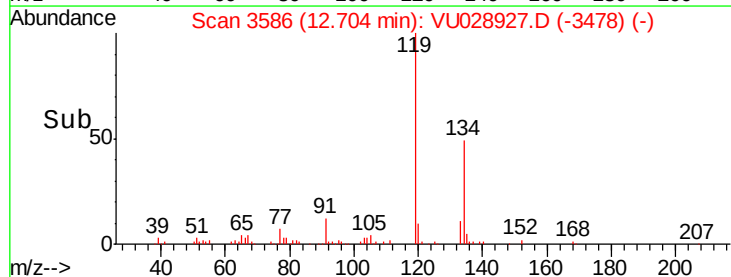
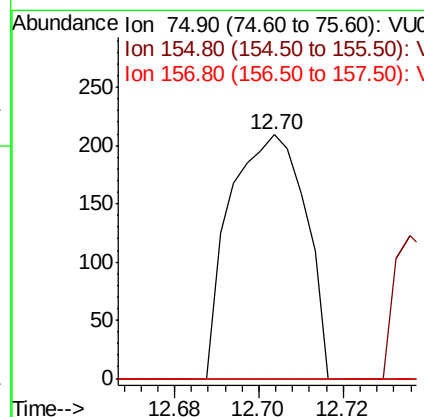
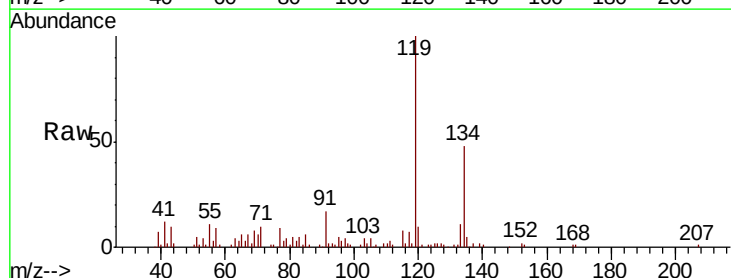
Instrument :
 MSVOA_U
 ClientSampleId :
 P001-SS013C-1824-01ME

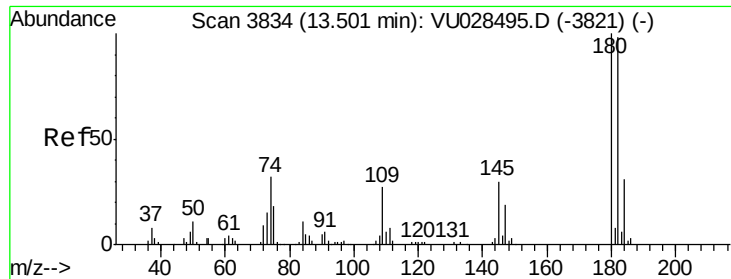
Tgt Ion: 146 Resp: 1490
 Ion Ratio Lower Upper
 146 100
 111 98.3 21.1 63.4#
 148 63.8 31.4 94.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 0.308 ug/l
 RT: 12.70 min Scan# 3586
 Delta R.T. 0.05 min
 Lab File: VU028927.D
 Acq: 22 Dec 2018 20:14

Tgt Ion: 75 Resp: 260
 Ion Ratio Lower Upper
 75 100
 155 0.0 38.1 114.5#
 157 0.0 48.7 146.1#

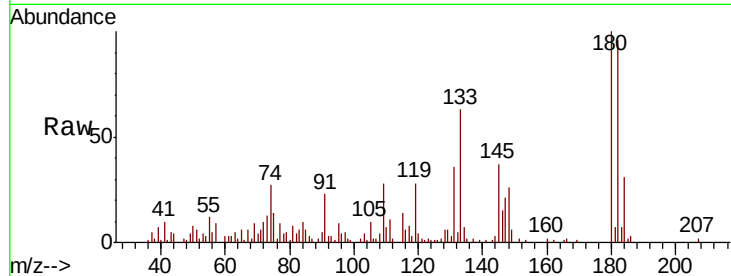




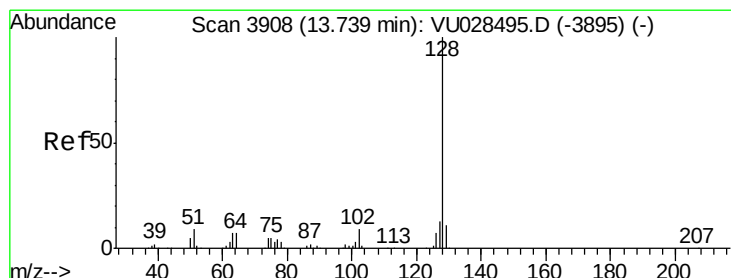
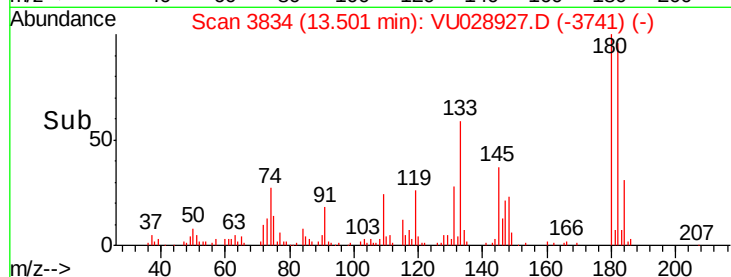
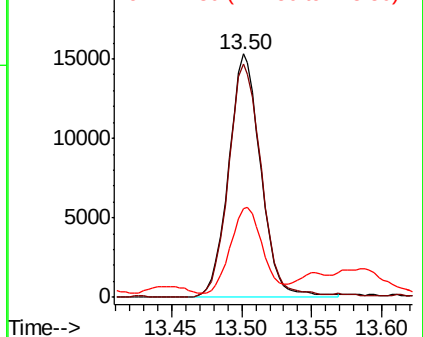
#93
 1,2,4-Trichlorobenzene
 Concen: 8.643 ug/l
 RT: 13.50 min Scan# 3834
 Delta R.T. 0.00 min
 Lab File: VU028927.D
 Acq: 22 Dec 2018 20:14

Instrument :
 MSVOA_U
 ClientSampleId :
 P001-SS013C-1824-01ME

Tgt Ion:180 Resp: 24445
 Ion Ratio Lower Upper
 180 100
 182 98.1 47.9 143.8
 145 35.1 15.0 45.1

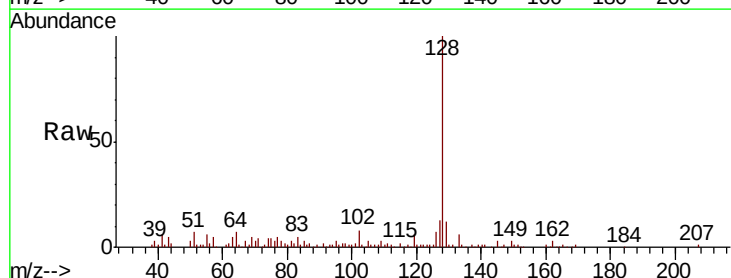


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

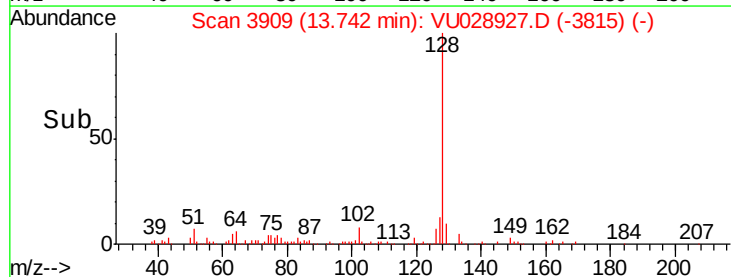
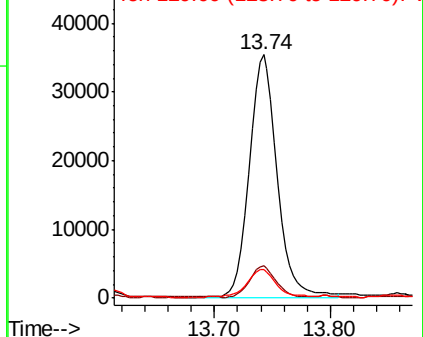


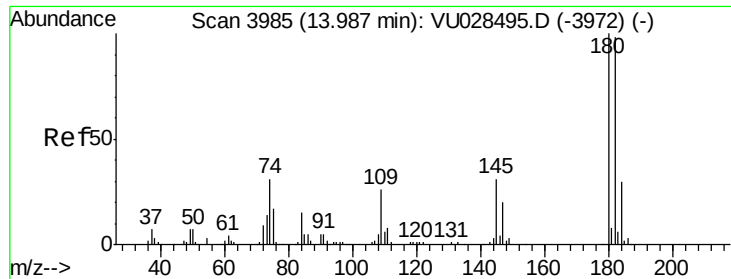
#95
 Naphthalene
 Concen: 5.580 ug/l
 RT: 13.74 min Scan# 3909
 Delta R.T. 0.00 min
 Lab File: VU028927.D
 Acq: 22 Dec 2018 20:14

Tgt Ion:128 Resp: 60042
 Ion Ratio Lower Upper
 128 100
 127 12.5 10.4 15.6
 129 13.0 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





#96
 1,2,3-Trichlorobenzene
 Concen: 2.296 ug/l
 RT: 13.99 min Scan# 3985
 Delta R.T. 0.00 min
 Lab File: VU028927.D
 Acq: 22 Dec 2018 20:14

Instrument :
 MSVOA_U
 ClientSampleId :
 P001-SS013C-1824-01ME

Tgt Ion:180 Resp: 6610
 Ion Ratio Lower Upper
 180 100
 182 97.6 48.2 144.6
 145 0.0 15.8 47.3#

