

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\U122218\
 Data File : VU028919.D
 Acq On : 22 Dec 2018 17:01
 Operator : MD/SY
 Sample : J6426-08ME 10X
 Misc : 4.36g/10mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 P001-SS013-3036-01ME

Quant Time: Dec 24 04:46:56 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	179994	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.88	114	293337	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	267489	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	124790	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	103961	37.85	ug/l	0.00
Spiked Amount			Recovery	=	75.70%	
35) Dibromofluoromethane	4.88	113	91250	49.43	ug/l	0.00
Spiked Amount			Recovery	=	98.86%	
50) Toluene-d8	7.57	98	368558	50.47	ug/l	0.00
Spiked Amount			Recovery	=	100.94%	
62) 4-Bromofluorobenzene	10.30	95	129510	47.45	ug/l	0.00
Spiked Amount			Recovery	=	94.90%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.33	50	1489	0.336	ug/l	89
5) Bromomethane	1.61	94	527	0.409	ug/l	87
11) Tert butyl alcohol	2.84	59	1444	2.360	ug/l #	73
14) Allyl chloride	2.74	41	6720	1.417	ug/l #	59
15) Acrylonitrile	2.98	53	745	0.438	ug/l #	28
16) Acetone	2.32	43	562	0.314	ug/l #	82
18) Methyl Acetate	2.62	43	1083	0.233	ug/l	95
20) Methylene Chloride	2.69	84	1037	0.392	ug/l #	84
23) Vinyl Acetate	3.30	43	36629	4.817	ug/l #	41
31) Cyclohexane	4.99	56	8866	0.702	ug/l #	49
36) 1,1-Dichloropropene	4.98	75	12702	3.957	ug/l #	50
38) Carbon Tetrachloride	4.98	117	15383	5.946	ug/l #	16
39) Methylcyclohexane	6.41	83	12298	3.140	ug/l	90
51) 4-Methyl-2-Pentanone	7.56	43	1472	0.356	ug/l #	1
52) Toluene	7.64	92	2640687	474.612	ug/l	98
53) t-1,3-Dichloropropene	7.64	75	27010	7.388	ug/l #	1
55) 1,1,2-Trichloroethane	8.04	97	1714	0.779	ug/l #	14
59) 2-Hexanone	8.33	43	2896	0.883	ug/l #	26
65) Chlorobenzene	9.12	112	4229	0.742	ug/l	94
67) Ethyl Benzene	9.25	91	1184635	113.056	ug/l	98
68) m/p-Xylenes	9.38	106	3005018	788.145	ug/l	94
69) o-Xylene	9.78	106	771465	208.208	ug/l	93
70) Styrene	9.78	104	36666	5.980	ug/l #	1
73) Isopropylbenzene	10.17	105	25222	2.634	ug/l	99
76) 1,2,3-Trichloropropane	10.60	75	6454	2.025	ug/l	90
78) n-propylbenzene	10.59	91	45629	3.835	ug/l	93
79) 2-Chlorotoluene	10.68	91	16536	2.413	ug/l #	43
80) 1,3,5-Trimethylbenzene	10.77	105	47416	5.982	ug/l	100
81) trans-1,4-Dichloro-2-buten	10.60	75	6454	5.451	ug/l #	100
82) 4-Chlorotoluene	10.77	91	4702	0.579	ug/l #	47
84) 1,2,4-Trimethylbenzene	11.15	105	139919	17.128	ug/l	96
85) sec-Butylbenzene	11.32	105	4599	0.469	ug/l	94
86) p-Isopropyltoluene	11.48	119	33793	4.053	ug/l	97
88) 1,4-Dichlorobenzene	11.51	146	5779	1.321	ug/l #	77

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

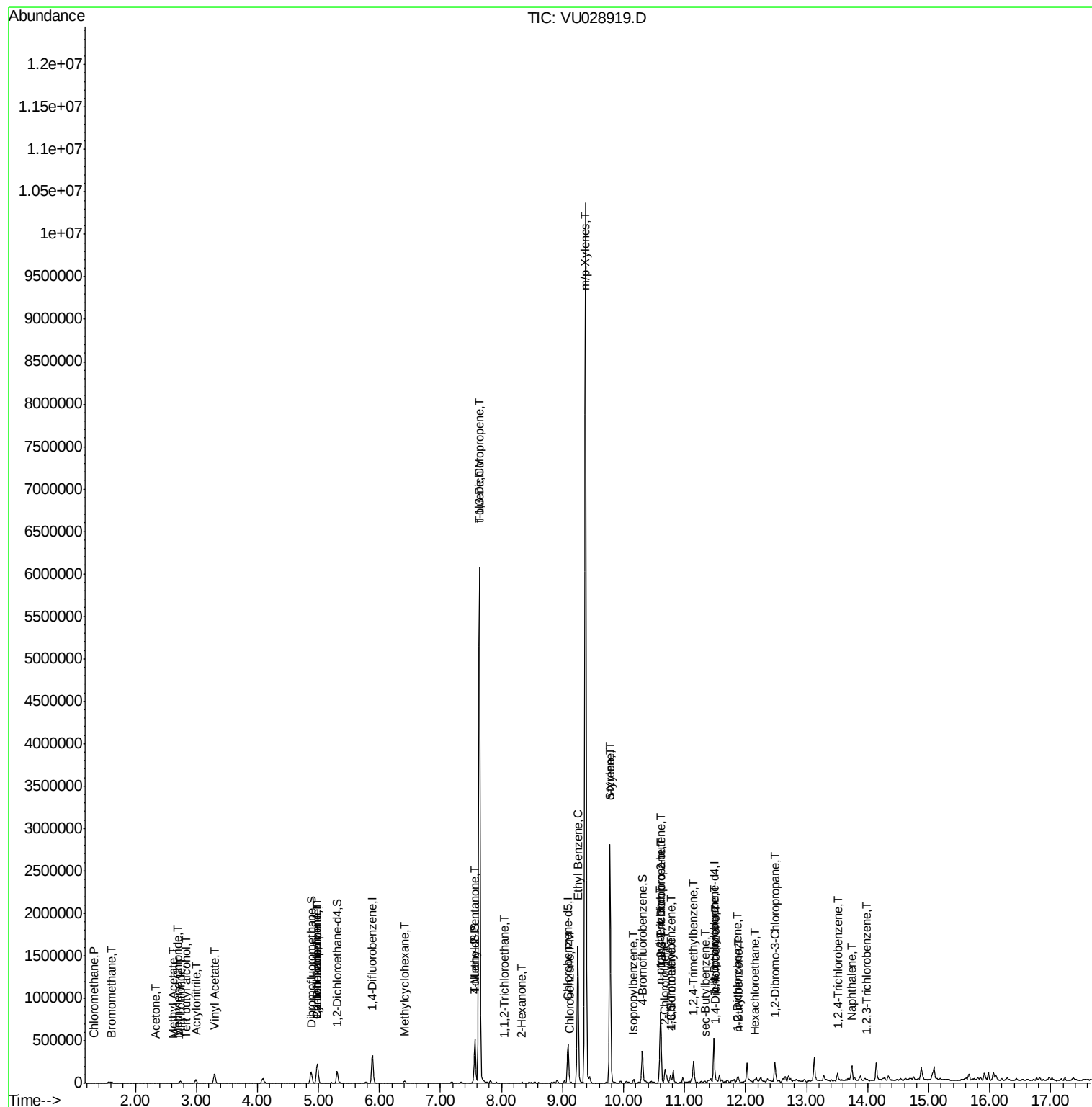
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
89) n-Butylbenzene	11.88	91	12592	1.492	ug/l #	31
90) Hexachloroethane	12.15	117	1575	1.250	ug/l #	11
91) 1,2-Dichlorobenzene	11.88	146	2790	0.660	ug/l	91
92) 1,2-Dibromo-3-Chloropropan	12.48	75	6829	8.575	ug/l #	9
93) 1,2,4-Trichlorobenzene	13.50	180	20592	7.808	ug/l	94
95) Naphthalene	13.74	128	128870	12.696	ug/l	99
96) 1,2,3-Trichlorobenzene	13.99	180	4198	1.593	ug/l #	75

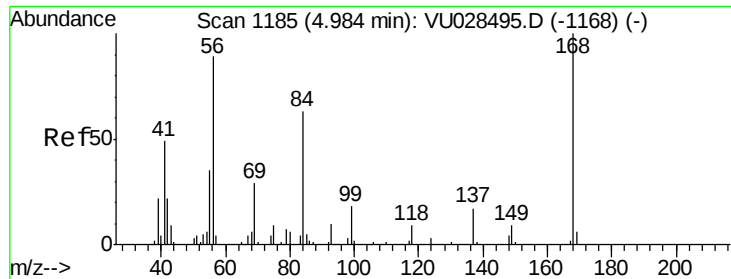
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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: VU028919.D

Acq: 22 Dec 2018 17:01

Instrument :

MSVOA_U

ClientSampleId :

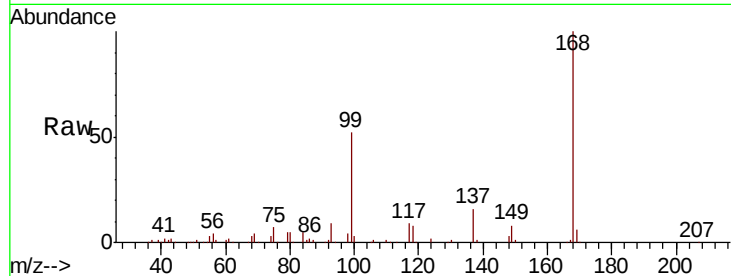
P001-SS013-3036-01ME

Tgt Ion: 168 Resp: 179994

Ion Ratio Lower Upper

168 100

99 51.9 46.6 69.8



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

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

80000

60000

40000

20000

0

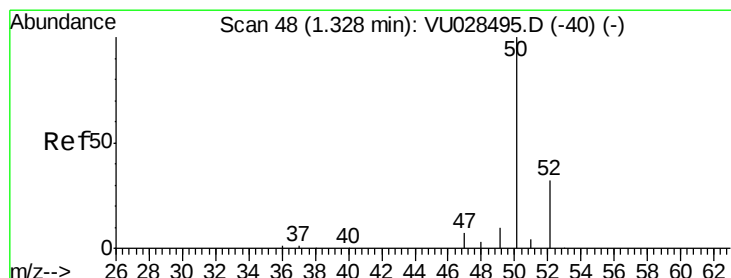
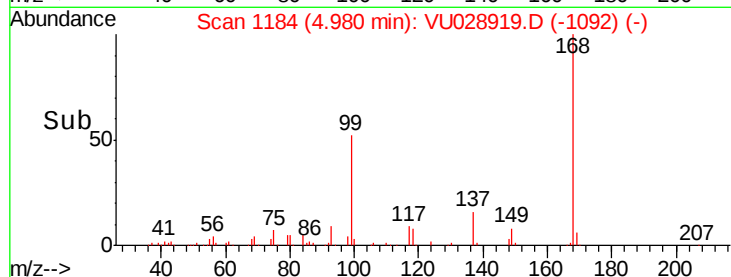
4.98

4.90

5.00

5.10

Time-->



#3

Chloromethane

Concen: 0.336 ug/l

RT: 1.33 min Scan# 48

Delta R.T. -0.00 min

Lab File: VU028919.D

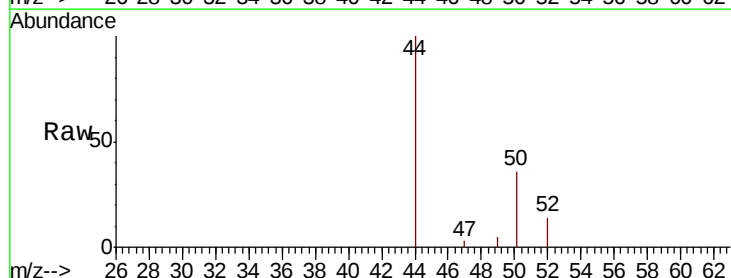
Acq: 22 Dec 2018 17:01

Tgt Ion: 50 Resp: 1489

Ion Ratio Lower Upper

50 100

52 37.8 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) (-)

1000

500

0

1.33

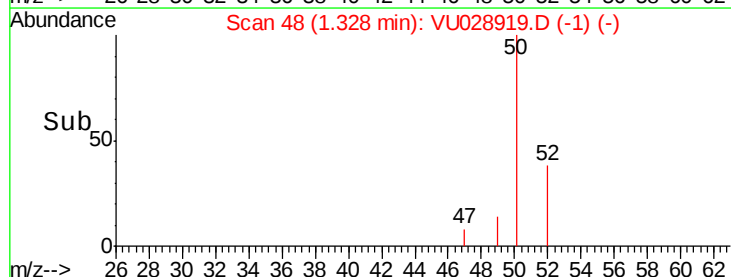
1.30

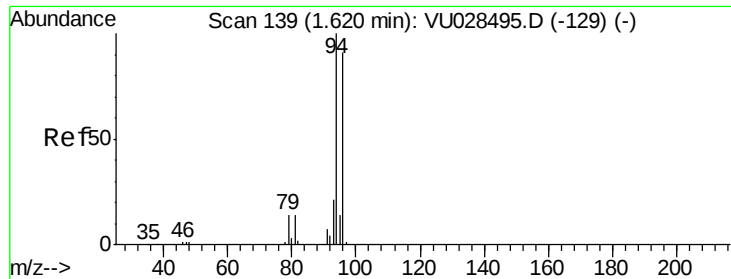
1.32

1.34

1.36

Time-->





#5

Bromomethane

Concen: 0.409 ug/l

RT: 1.61 min Scan# 135

Delta R.T. -0.01 min

Lab File: VU028919.D

Acq: 22 Dec 2018 17:01

Instrument :

MSVOA_U

ClientSampleId :

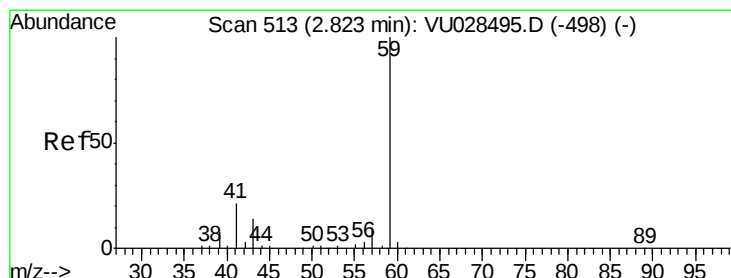
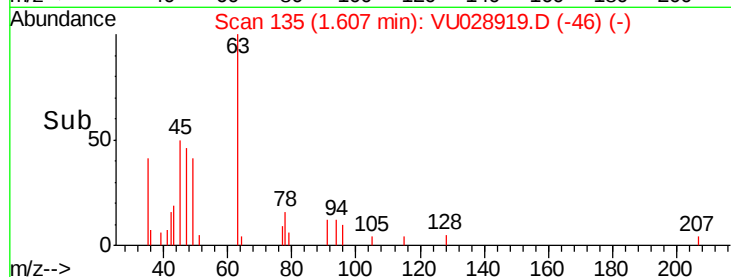
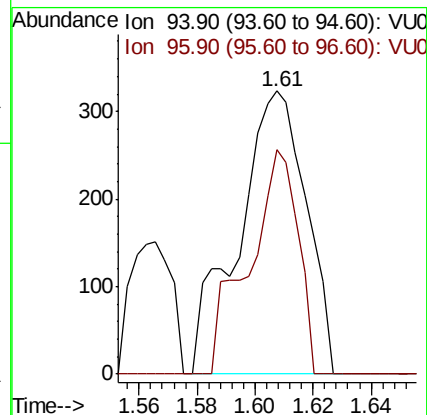
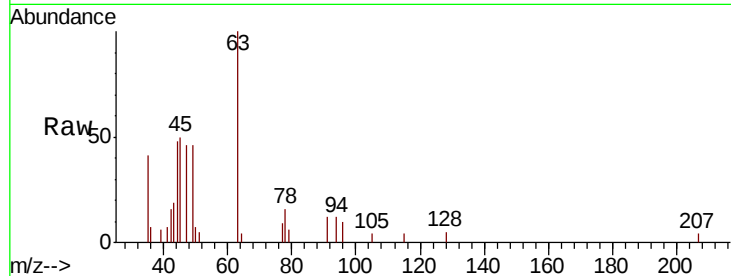
P001-SS013-3036-01ME

Tgt Ion: 94 Resp: 527

Ion Ratio Lower Upper

94 100

96 79.6 73.2 109.8



#11

Tert butyl alcohol

Concen: 2.360 ug/l

RT: 2.84 min Scan# 519

Delta R.T. 0.02 min

Lab File: VU028919.D

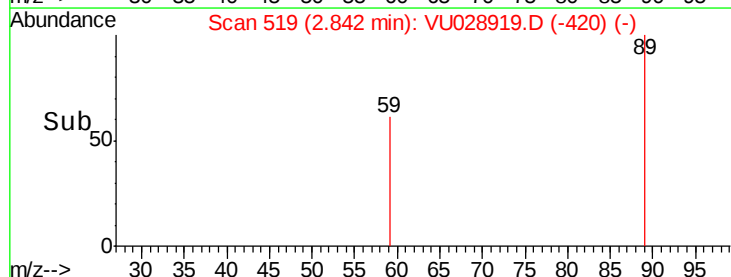
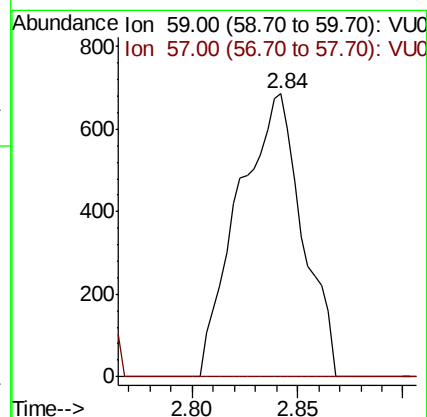
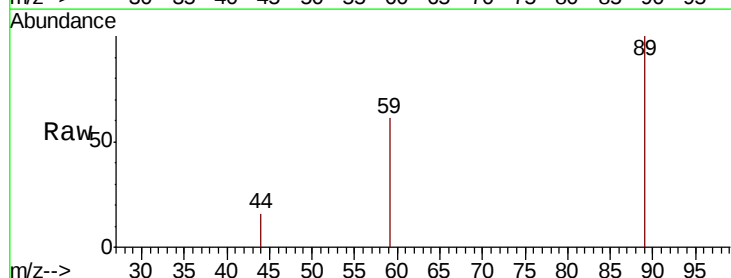
Acq: 22 Dec 2018 17:01

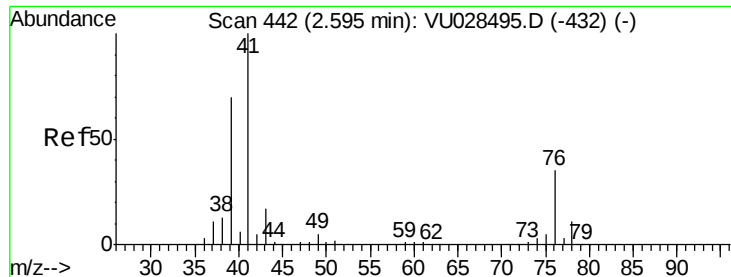
Tgt Ion: 59 Resp: 1444

Ion Ratio Lower Upper

59 100

57 0.0 8.0 12.0#





#14

Allyl chloride

Concen: 1.417 ug/l

RT: 2.74 min Scan# 486

Delta R.T. 0.14 min

Lab File: VU028919.D

Acq: 22 Dec 2018 17:01

Instrument :

MSVOA_U

ClientSampleId :

P001-SS013-3036-01ME

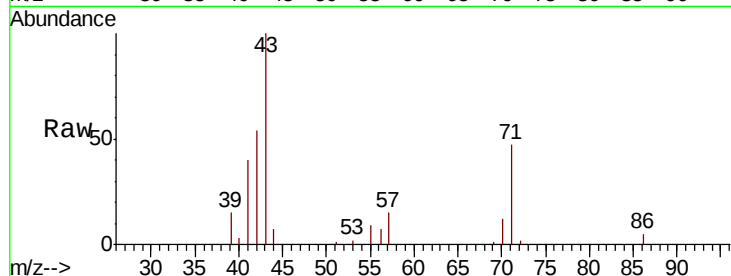
Tgt Ion: 41 Resp: 6720

Ion Ratio Lower Upper

41 100

39 37.3 50.8 76.2#

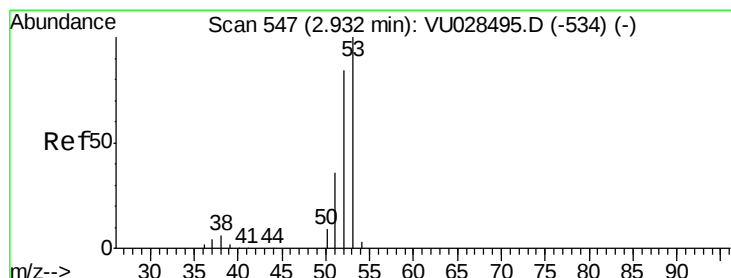
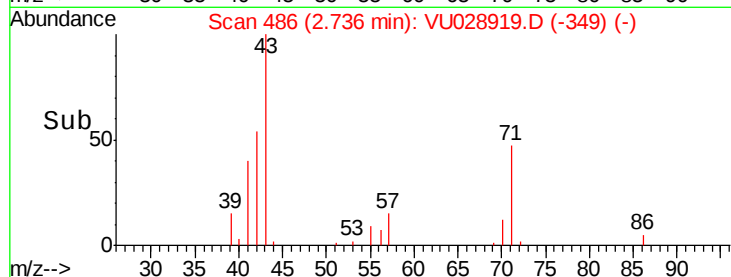
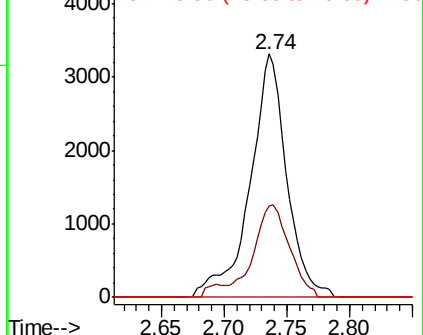
76 0.0 24.8 37.2#



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



#15

Acrylonitrile

Concen: 0.438 ug/l

RT: 2.98 min Scan# 563

Delta R.T. 0.05 min

Lab File: VU028919.D

Acq: 22 Dec 2018 17:01

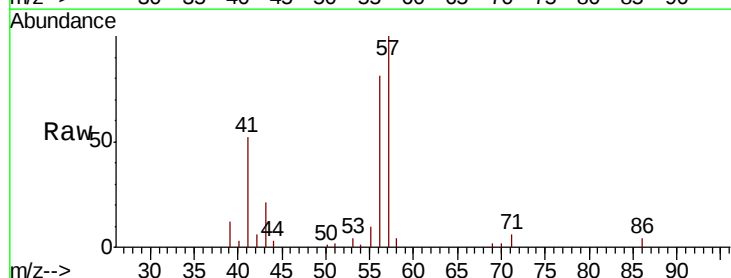
Tgt Ion: 53 Resp: 745

Ion Ratio Lower Upper

53 100

52 0.0 66.1 99.1#

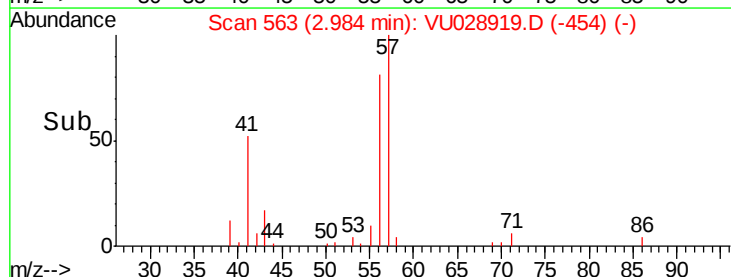
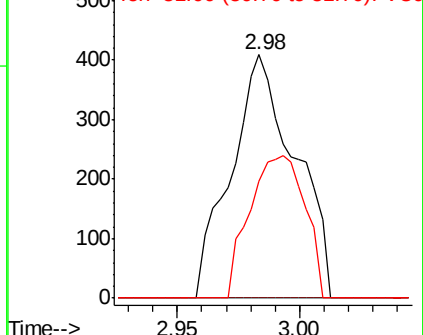
51 50.6 28.1 42.1#

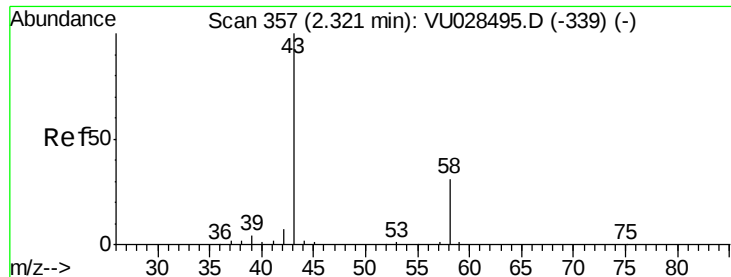


Abundance Ion 53.00 (52.70 to 53.70): VU0

Ion 52.00 (51.70 to 52.70): VU0

Ion 51.00 (50.70 to 51.70): VU0





#16

Acetone

Concen: 0.314 ug/l

RT: 2.32 min Scan# 357

Delta R.T. -0.00 min

Lab File: VU028919.D

Acq: 22 Dec 2018 17:01

Instrument :

MSVOA_U

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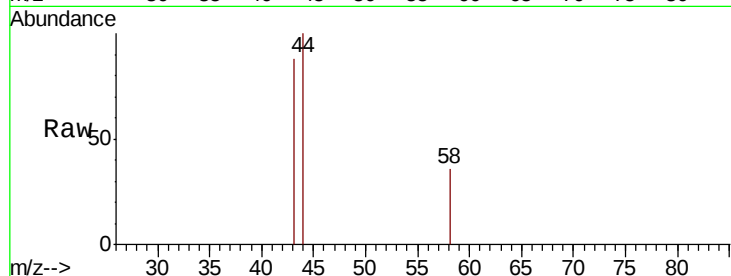
P001-SS013-3036-01ME

Tgt Ion: 43 Resp: 562

Ion Ratio Lower Upper

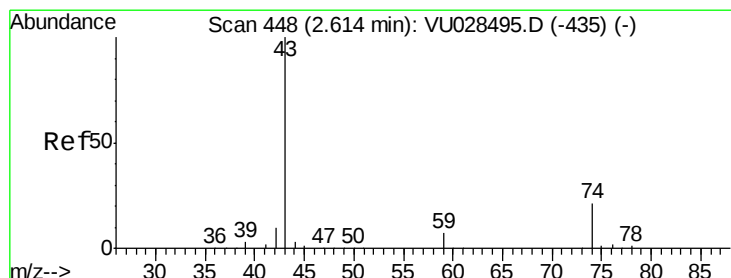
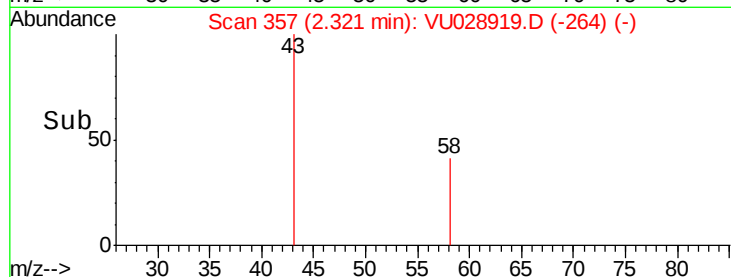
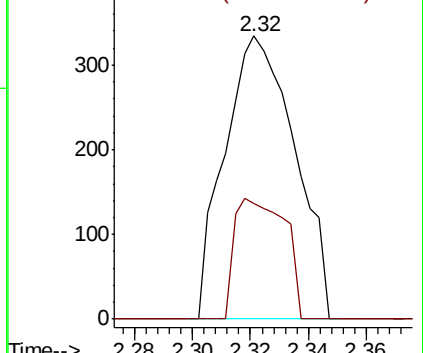
43 100

58 40.7 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: 0.233 ug/l

RT: 2.62 min Scan# 450

Delta R.T. 0.01 min

Lab File: VU028919.D

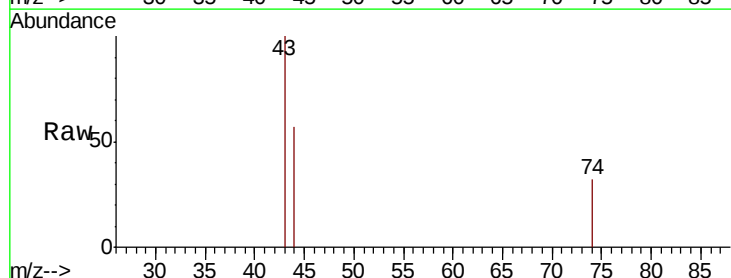
Acq: 22 Dec 2018 17:01

Tgt Ion: 43 Resp: 1083

Ion Ratio Lower Upper

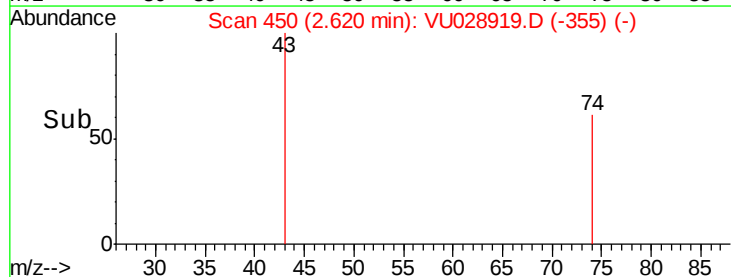
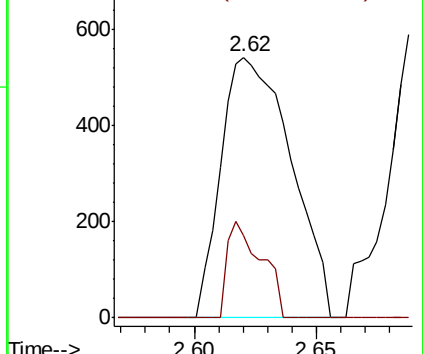
43 100

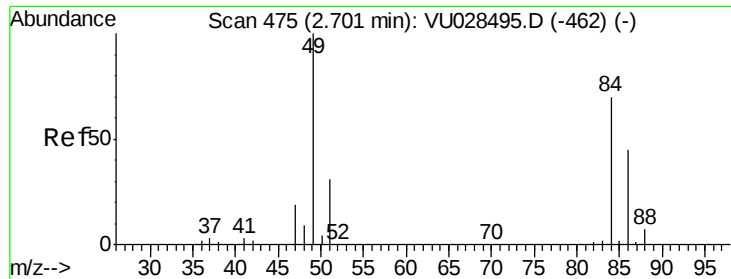
74 18.0 16.4 24.6



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 74.00 (73.70 to 74.70): VU0

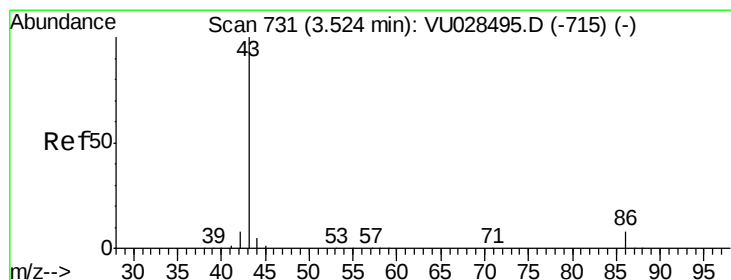
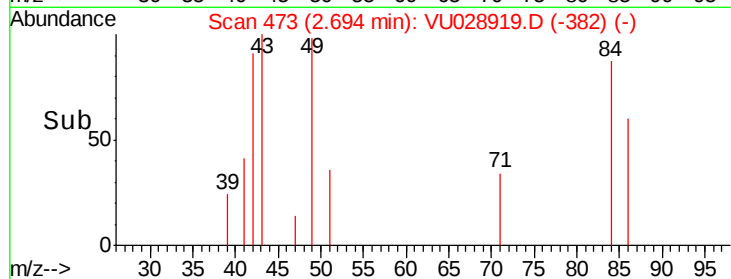
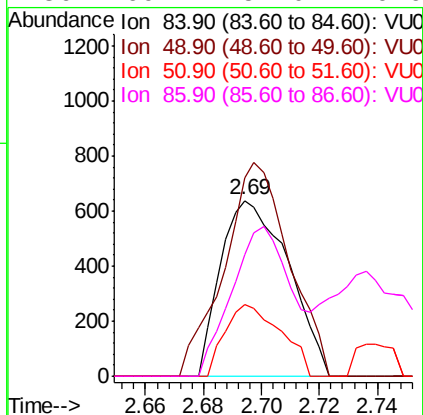
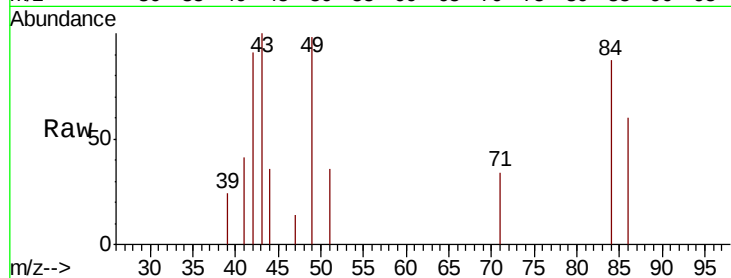




#20
Methylene Chloride
Concen: 0.392 ug/l
RT: 2.69 min Scan# 473
Delta R.T. -0.01 min
Lab File: VU028919.D
Acq: 22 Dec 2018 17:01

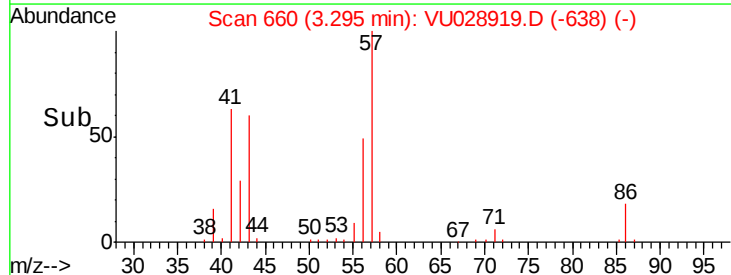
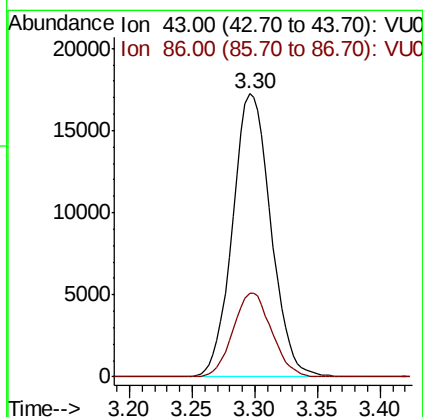
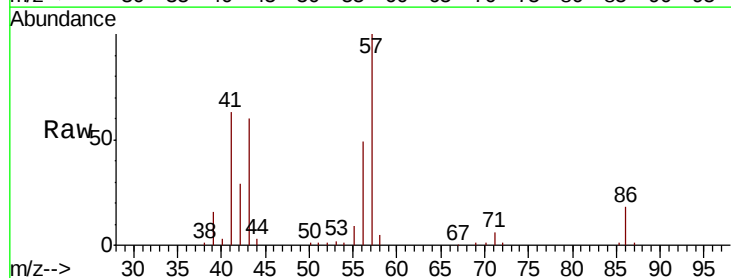
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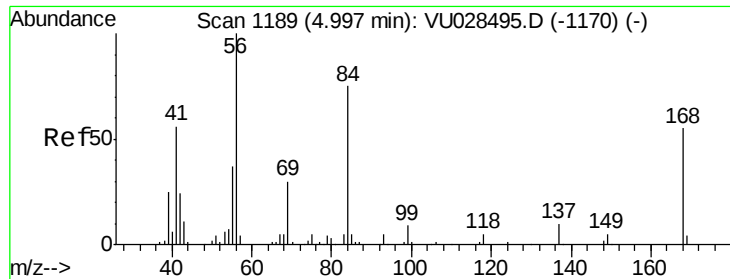
Tgt Ion: 84 Resp: 1037
Ion Ratio Lower Upper
84 100
49 112.7 114.0 171.0#
51 41.1 35.1 52.7
86 69.1 51.0 76.6



#23
Vinyl Acetate
Concen: 4.817 ug/l
RT: 3.30 min Scan# 660
Delta R.T. -0.23 min
Lab File: VU028919.D
Acq: 22 Dec 2018 17:01

Tgt Ion: 43 Resp: 36629
Ion Ratio Lower Upper
43 100
86 29.5 6.8 10.2#

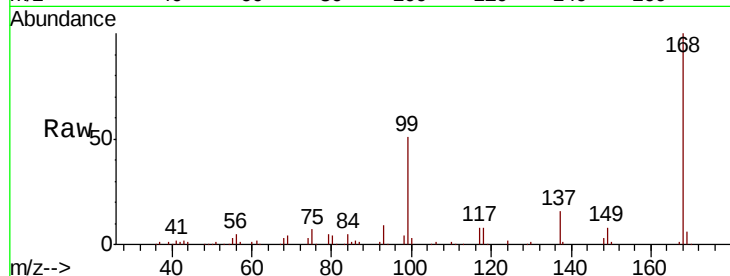




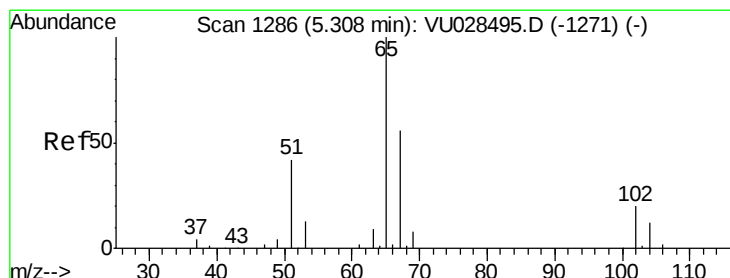
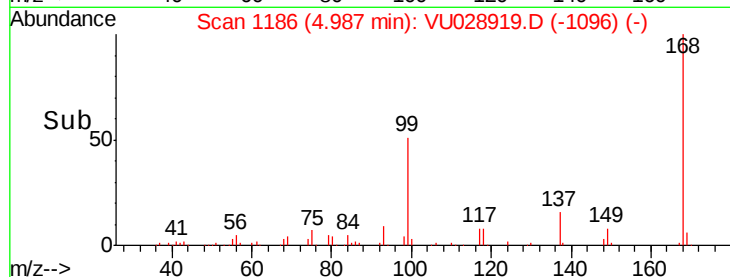
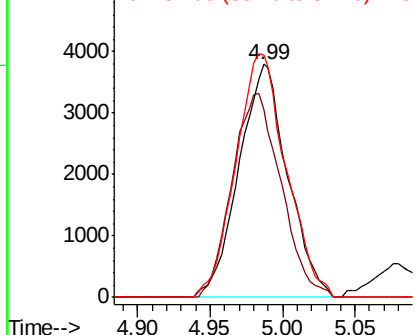
#31
Cyclohexane
Concen: 0.702 ug/l
RT: 4.99 min Scan# 1186
Delta R.T. -0.01 min
Lab File: VU028919.D
Acq: 22 Dec 2018 17:01

Instrument :
MSVOA_U
ClientSampleId :
P001-SS013-3036-01ME

Tgt Ion: 56 Resp: 8866
Ion Ratio Lower Upper
56 100
69 80.3 24.0 36.0#
84 104.1 59.7 89.5#

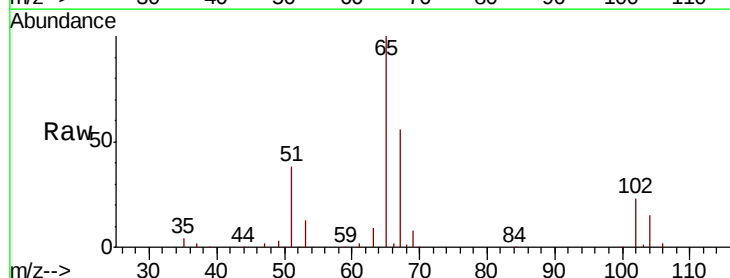


Abundance Ion 56.00 (55.70 to 56.70): VU0
Ion 69.00 (68.70 to 69.70): VU0
Ion 84.00 (83.70 to 84.70): VU0

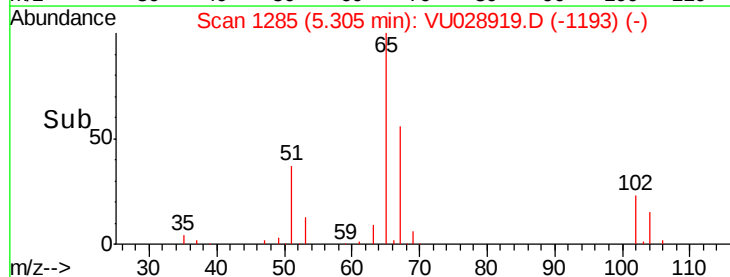
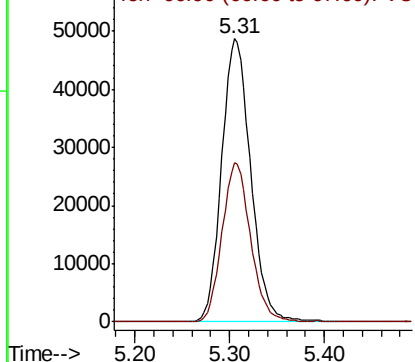


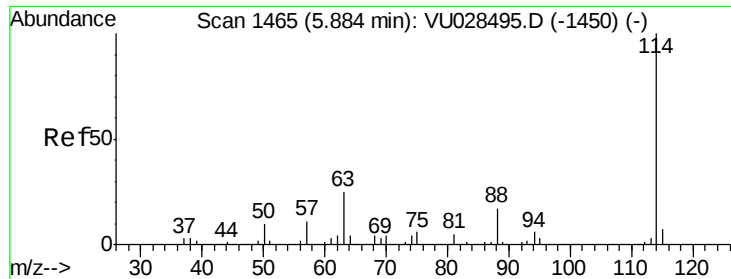
#33
1,2-Dichloroethane-d4
Concen: 37.848 ug/l
RT: 5.31 min Scan# 1285
Delta R.T. -0.00 min
Lab File: VU028919.D
Acq: 22 Dec 2018 17:01

Tgt Ion: 65 Resp: 103961
Ion Ratio Lower Upper
65 100
67 55.2 0.0 110.6



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

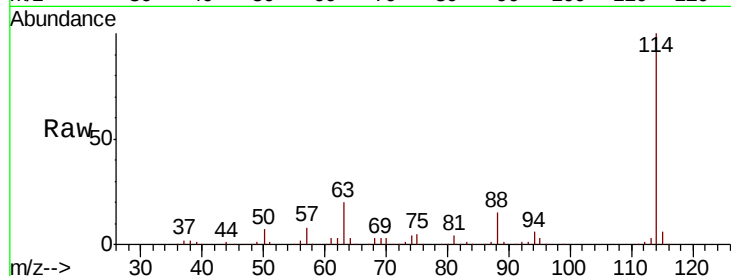




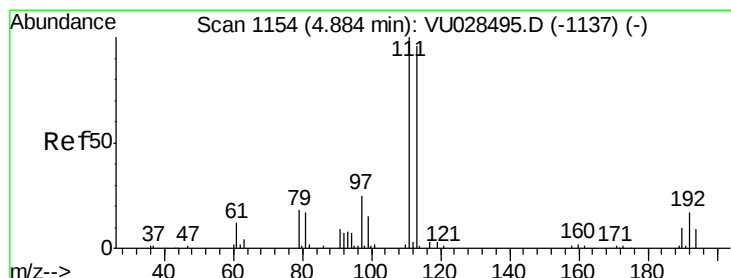
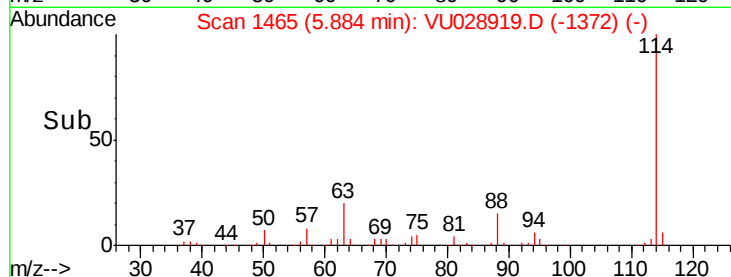
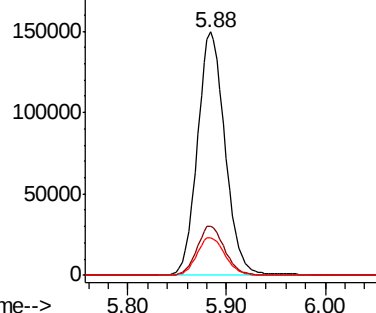
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.88 min Scan# 1465
 Delta R.T. -0.00 min
 Lab File: VU028919.D
 Acq: 22 Dec 2018 17:01

Instrument :
 MSVOA_U
 ClientSampleId :
 P001-SS013-3036-01ME

Tgt Ion	Ratio	Lower	Upper
114	100		
63	20.3	0.0	49.2
88	15.4	0.0	33.4

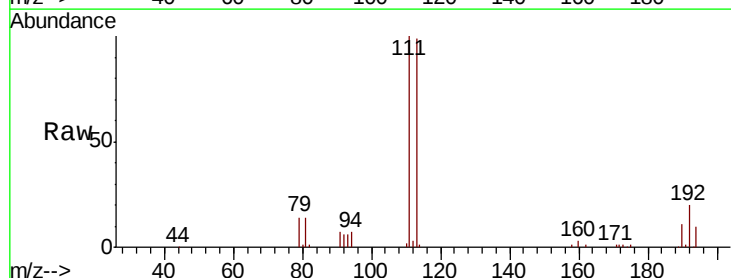


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VU0
 Ion 87.90 (87.60 to 88.60): VU0

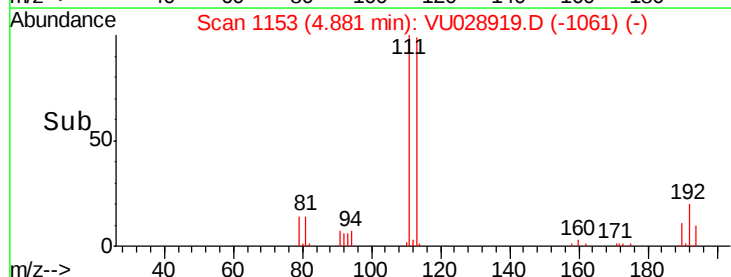
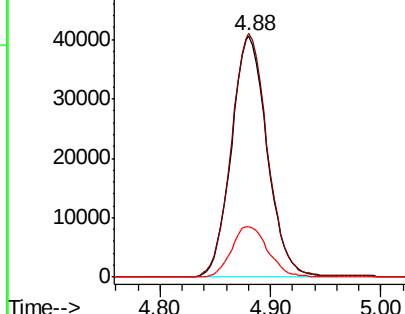


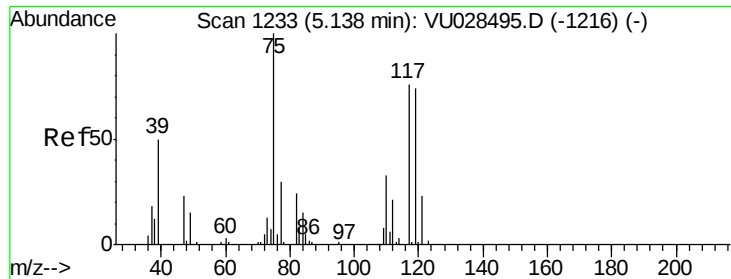
#35
 Dibromofluoromethane
 Concen: 49.431 ug/l
 RT: 4.88 min Scan# 1153
 Delta R.T. -0.00 min
 Lab File: VU028919.D
 Acq: 22 Dec 2018 17:01

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.6	83.4	125.0
192	21.2	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

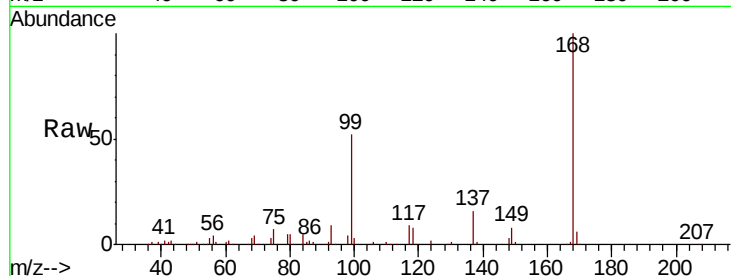




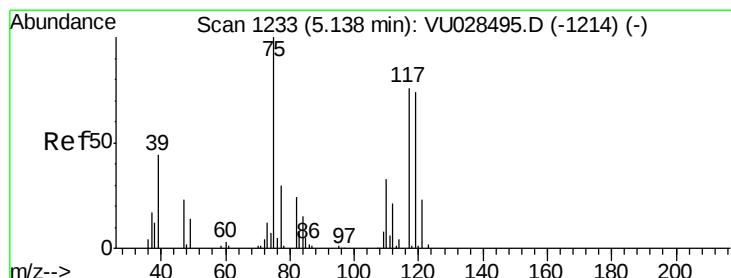
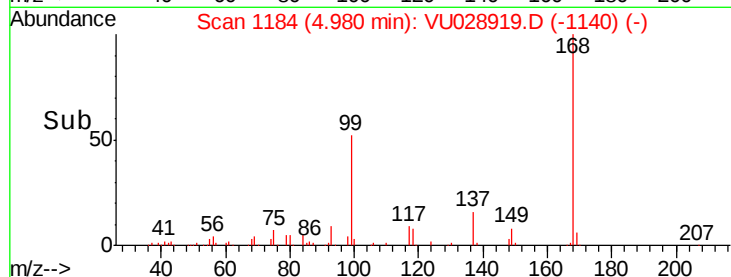
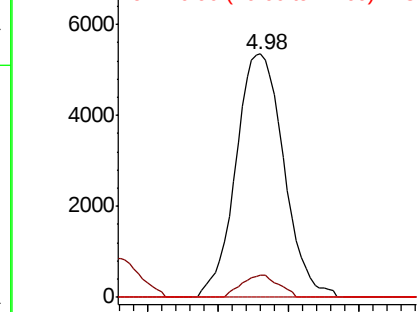
#36
 1,1-Dichloropropene
 Concen: 3.957 ug/l
 RT: 4.98 min Scan# 1184
 Delta R.T. -0.16 min
 Lab File: VU028919.D
 Acq: 22 Dec 2018 17:01

Instrument :
 MSVOA_U
 ClientSampleId :
 P001-SS013-3036-01ME

Tgt Ion: 75 Resp: 12702
 Ion Ratio Lower Upper
 75 100
 110 7.0 16.1 48.2#
 77 0.0 24.5 36.7#

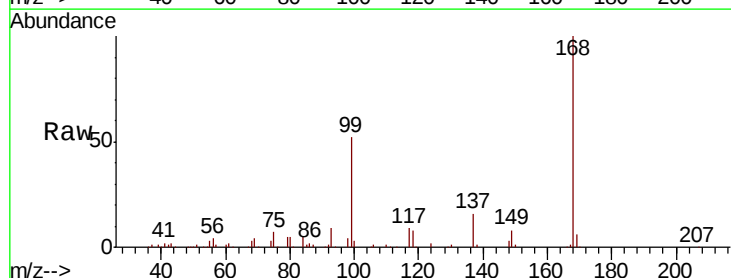


Abundance Ion 74.90 (74.60 to 75.60): VU0
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VU0

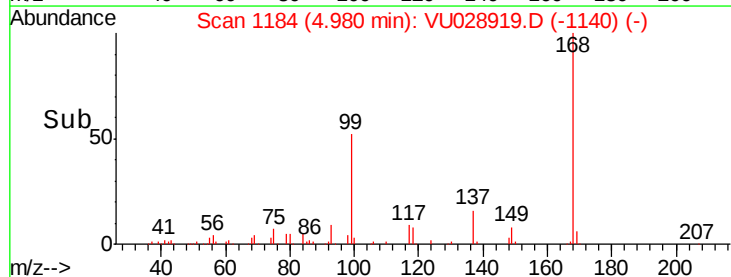
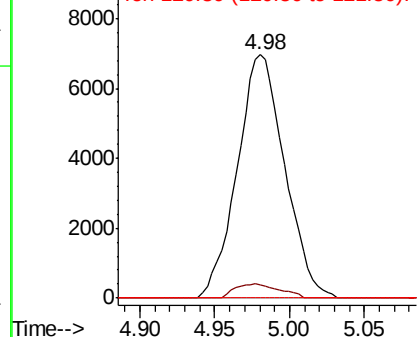


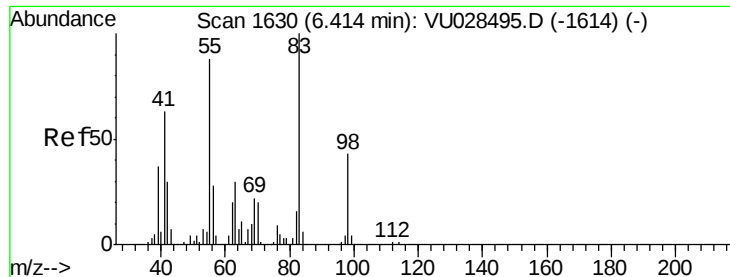
#38
 Carbon Tetrachloride
 Concen: 5.946 ug/l
 RT: 4.98 min Scan# 1184
 Delta R.T. -0.16 min
 Lab File: VU028919.D
 Acq: 22 Dec 2018 17:01

Tgt Ion: 117 Resp: 15383
 Ion Ratio Lower Upper
 117 100
 119 5.5 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

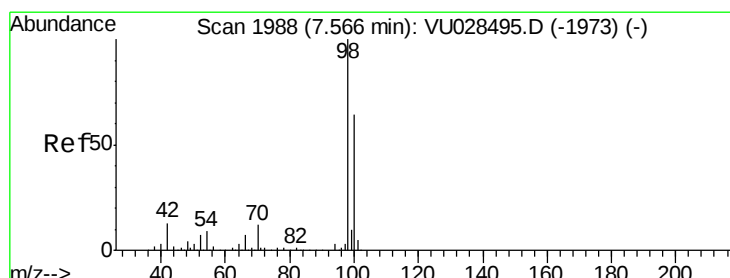
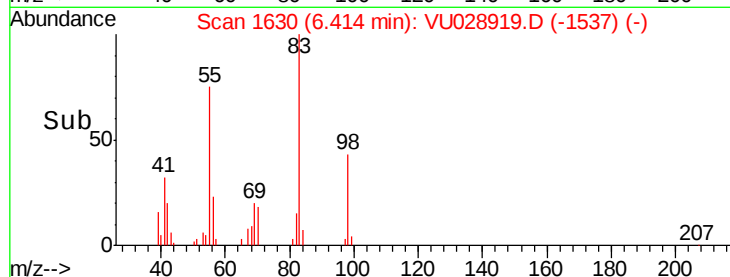
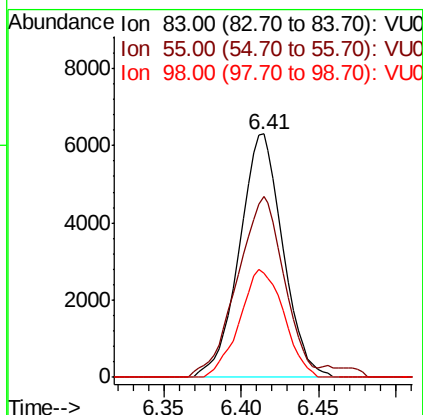
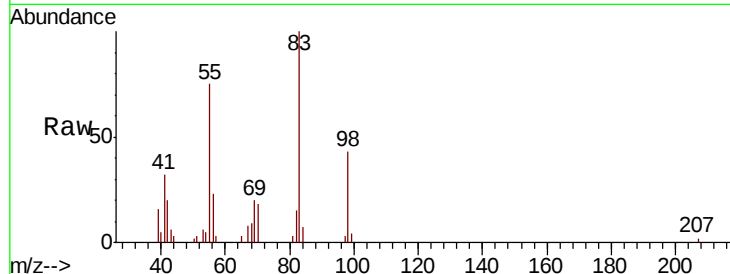




#39
Methylcyclohexane
Concen: 3.140 ug/l
RT: 6.41 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VU028919.D
Acq: 22 Dec 2018 17:01

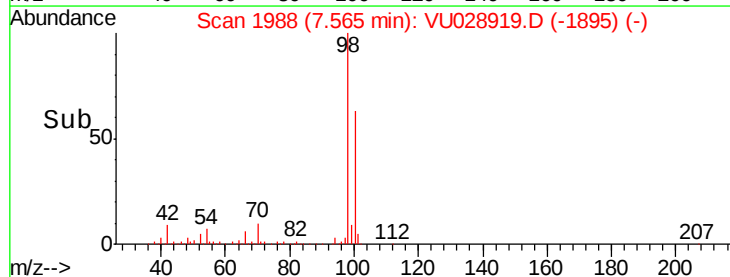
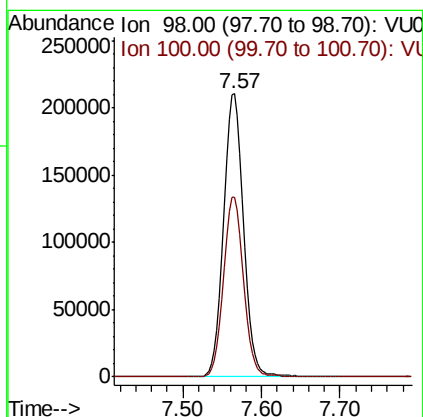
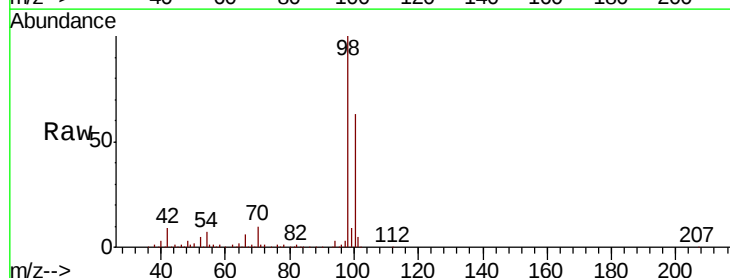
Instrument :
MSVOA_U
ClientSampleId :
P001-SS013-3036-01ME

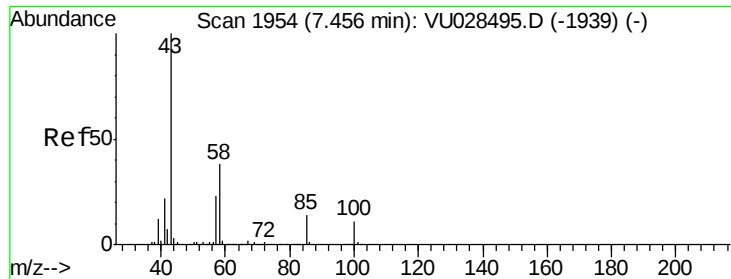
Tgt Ion: 83 Resp: 12298
Ion Ratio Lower Upper
83 100
55 74.5 70.2 105.2
98 43.0 34.2 51.4



#50
Toluene-d8
Concen: 50.471 ug/l
RT: 7.57 min Scan# 1988
Delta R.T. -0.00 min
Lab File: VU028919.D
Acq: 22 Dec 2018 17:01

Tgt Ion: 98 Resp: 368558
Ion Ratio Lower Upper
98 100
100 63.5 51.0 76.6

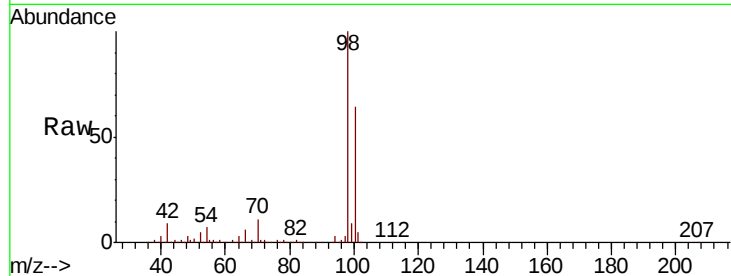




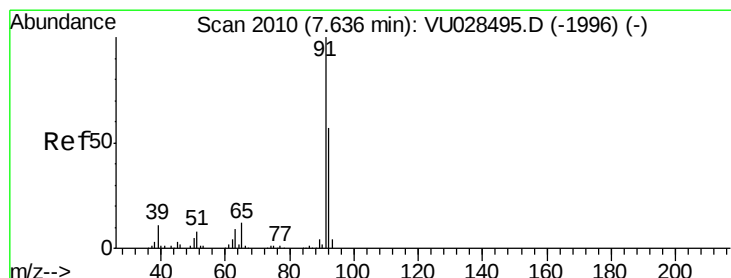
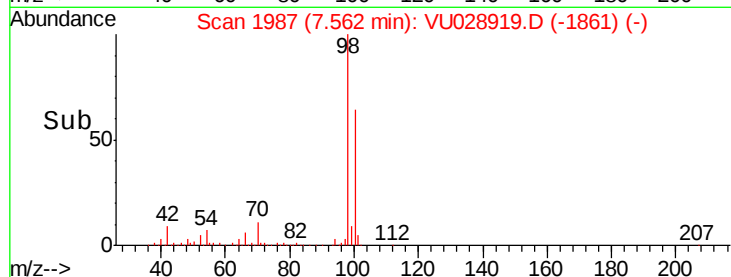
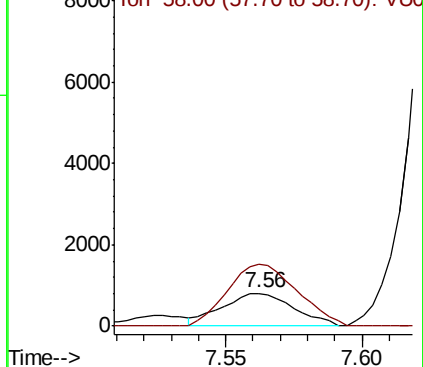
#51
 4-Methyl-2-Pentanone
 Concen: 0.356 ug/l
 RT: 7.56 min Scan# 1987
 Delta R.T. 0.11 min
 Lab File: VU028919.D
 Acq: 22 Dec 2018 17:01

Instrument :
 MSVOA_U
 ClientSampleId :
 P001-SS013-3036-01ME

Tgt Ion: 43 Resp: 1472
 Ion Ratio Lower Upper
 43 100
 58 184.0 30.2 45.2#

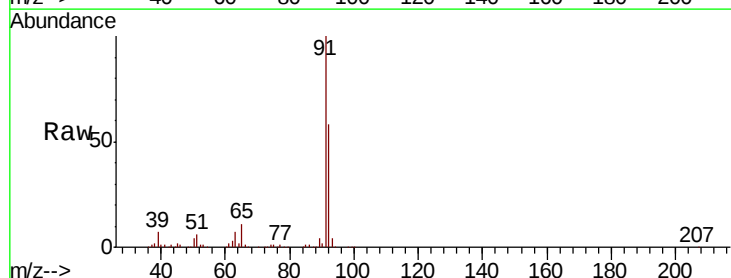


Abundance Ion 43.00 (42.70 to 43.70): VU0
 Ion 58.00 (57.70 to 58.70): VU0

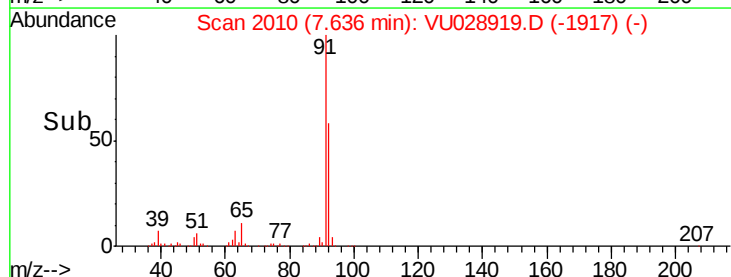
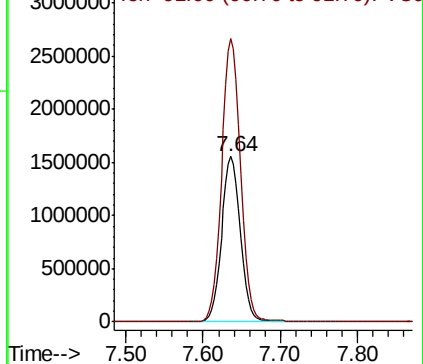


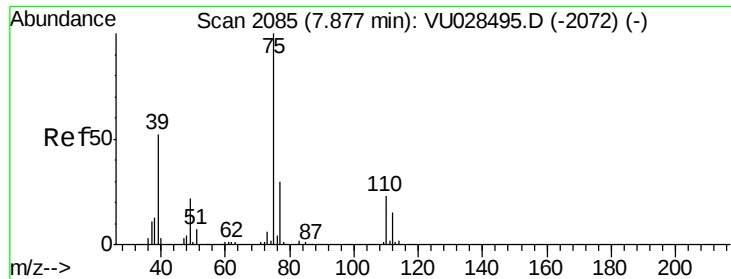
#52
 Toluene
 Concen: 474.612 ug/l
 RT: 7.64 min Scan# 2010
 Delta R.T. -0.00 min
 Lab File: VU028919.D
 Acq: 22 Dec 2018 17:01

Tgt Ion: 92 Resp: 2640687
 Ion Ratio Lower Upper
 92 100
 91 172.6 140.2 210.4



Abundance Ion 92.00 (91.70 to 92.70): VU0
 Ion 91.00 (90.70 to 91.70): VU0





#53

t-1,3-Dichloropropene

Concen: 7.388 ug/l

RT: 7.64 min Scan# 2010

Delta R.T. -0.24 min

Lab File: VU028919.D

Acq: 22 Dec 2018 17:01

Instrument :

MSVOA_U

ClientSampleId :

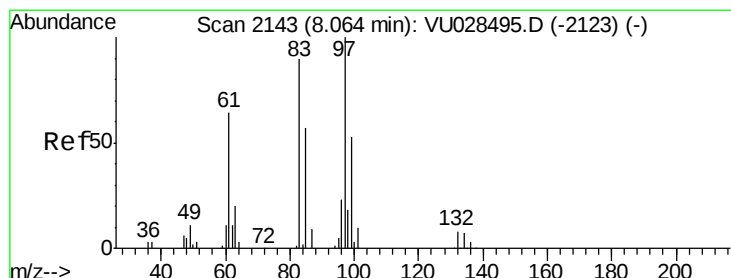
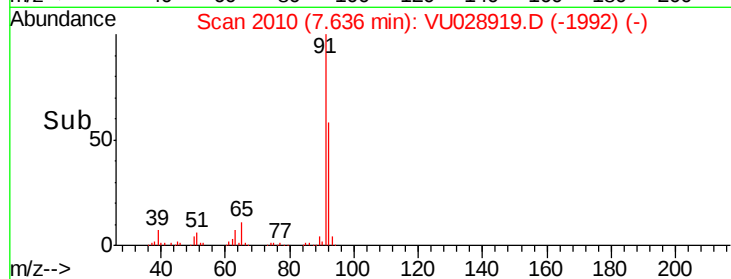
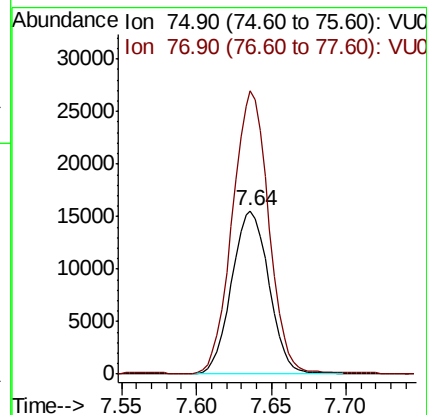
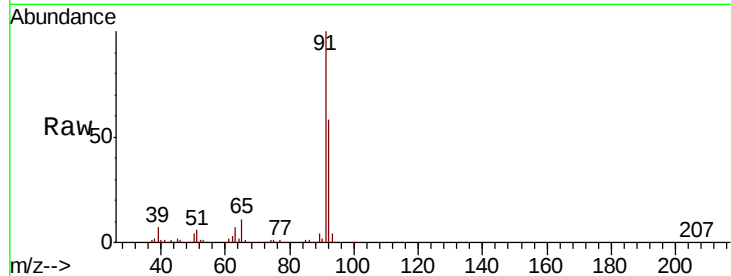
P001-SS013-3036-01ME

Tgt Ion: 75 Resp: 27010

Ion Ratio Lower Upper

75 100

77 172.8 24.2 36.4#



#55

1,1,2-Trichloroethane

Concen: 0.779 ug/l

RT: 8.04 min Scan# 2137

Delta R.T. -0.02 min

Lab File: VU028919.D

Acq: 22 Dec 2018 17:01

Tgt Ion: 97 Resp: 1714

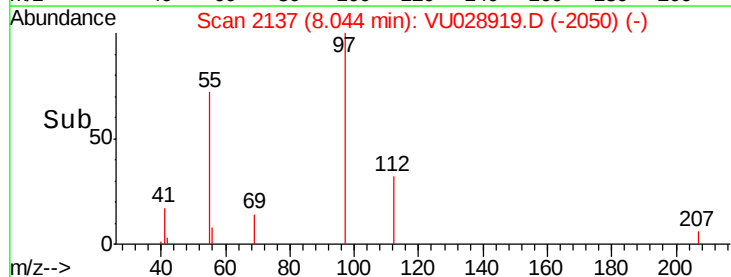
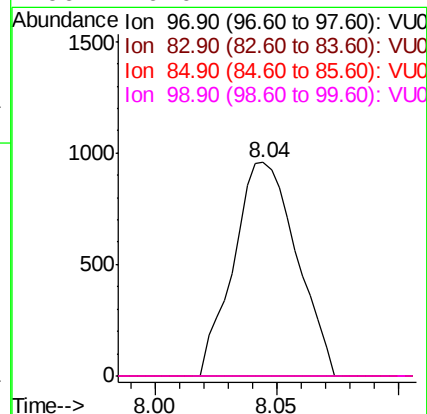
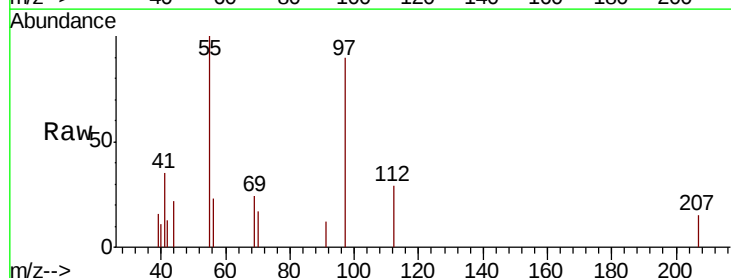
Ion Ratio Lower Upper

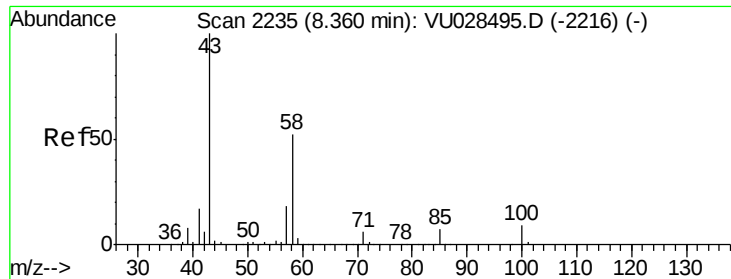
97 100

83 0.0 72.4 108.6#

85 0.0 46.0 69.0#

99 0.0 47.4 71.2#

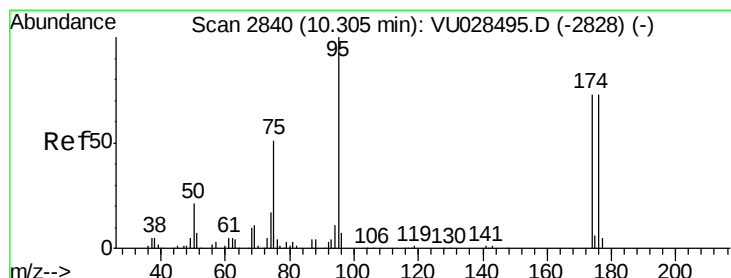
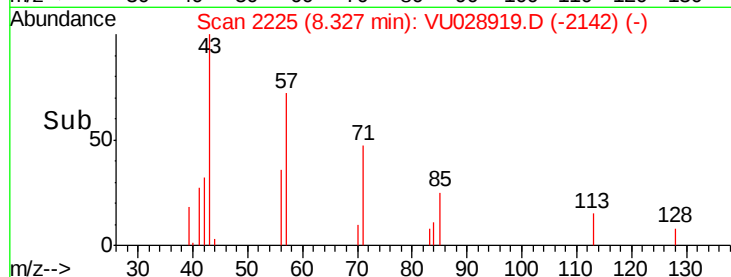
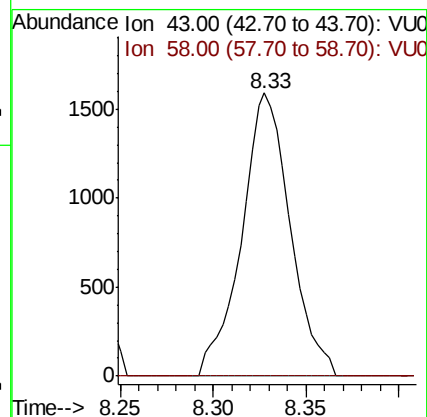
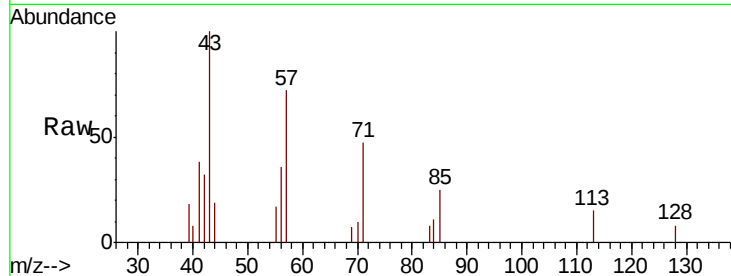




#59
2-Hexanone
Concen: 0.883 ug/l
RT: 8.33 min Scan# 2225
Delta R.T. -0.03 min
Lab File: VU028919.D
Acq: 22 Dec 2018 17:01

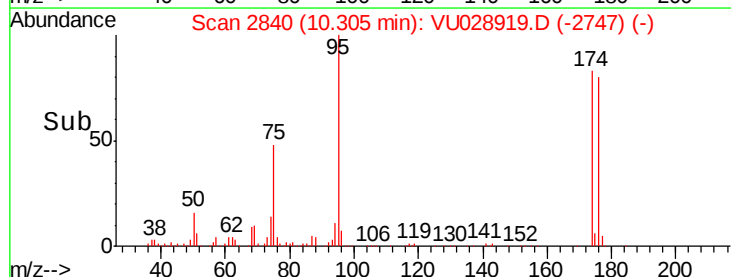
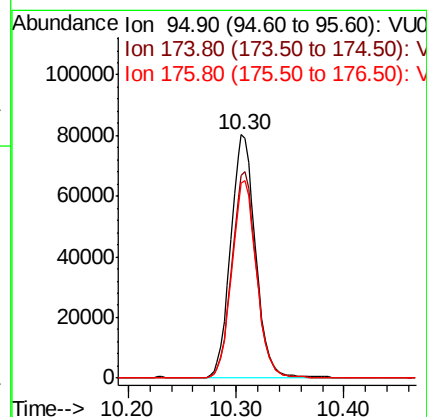
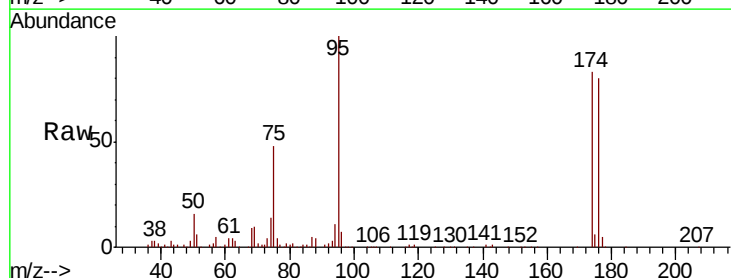
Instrument :
MSVOA_U
ClientSampleId :
P001-SS013-3036-01ME

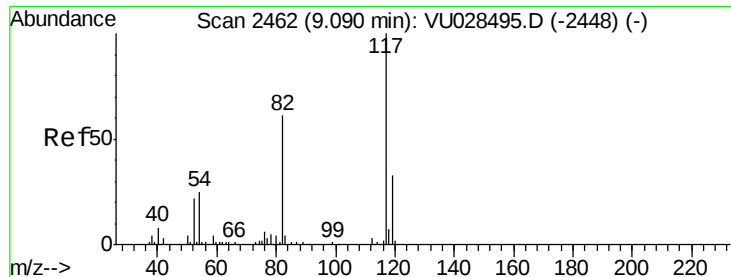
Tgt Ion: 43 Resp: 2896
Ion Ratio Lower Upper
43 100
58 0.0 25.9 77.6#



#62
4-Bromofluorobenzene
Concen: 47.450 ug/l
RT: 10.30 min Scan# 2840
Delta R.T. -0.00 min
Lab File: VU028919.D
Acq: 22 Dec 2018 17:01

Tgt Ion: 95 Resp: 129510
Ion Ratio Lower Upper
95 100
174 83.0 0.0 150.4
176 80.4 0.0 145.2

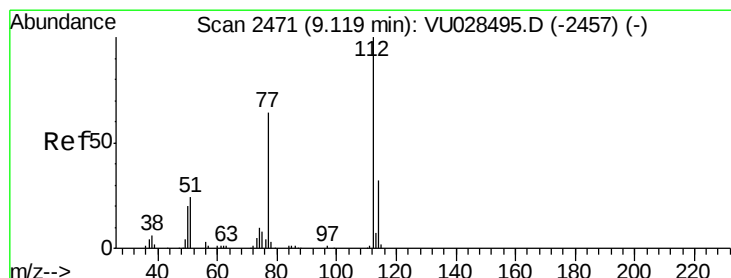
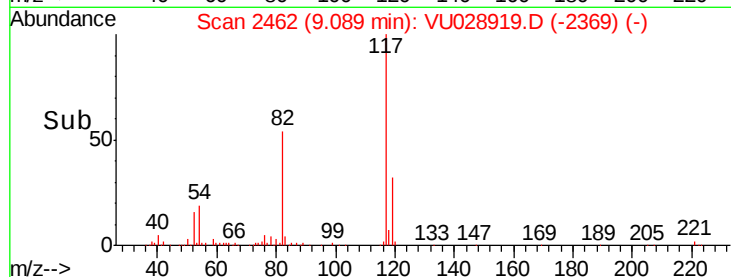
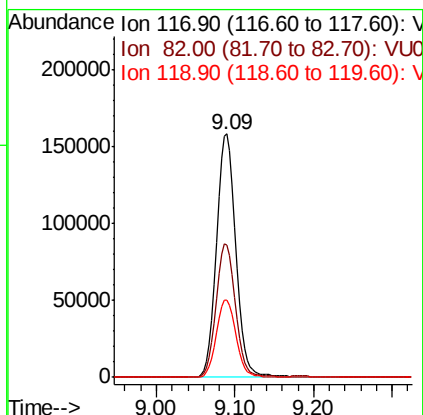
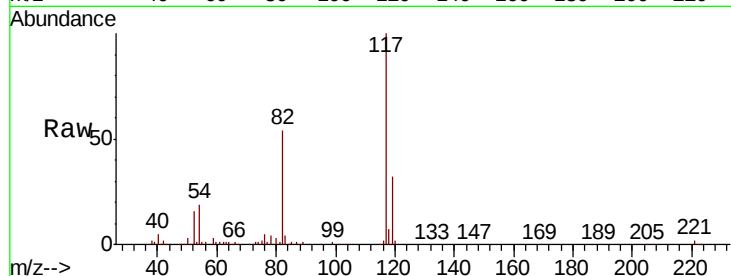




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. -0.00 min
Lab File: VU028919.D
Acq: 22 Dec 2018 17:01

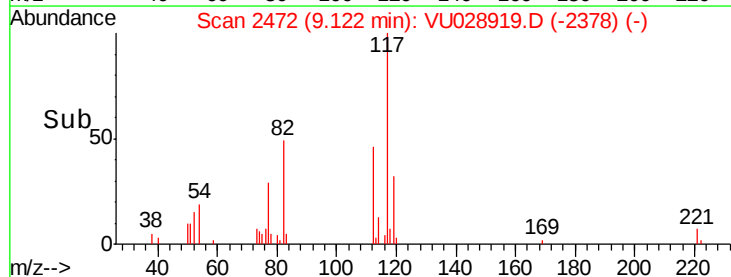
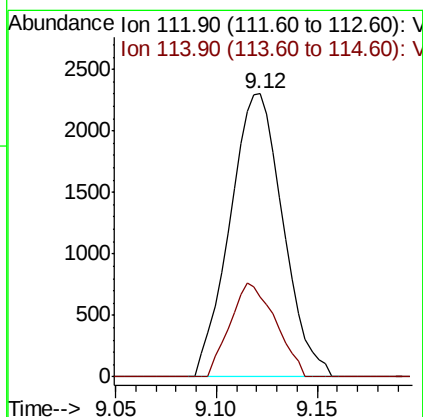
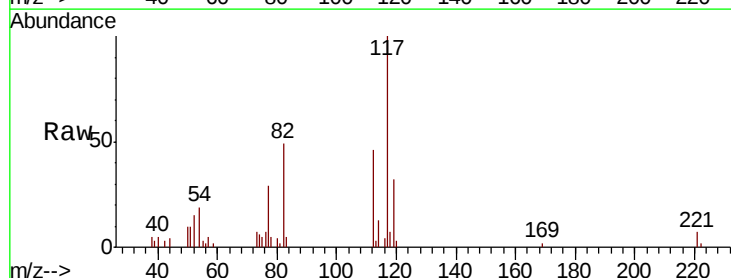
Instrument :
MSVOA_U
ClientSampleId :
P001-SS013-3036-01ME

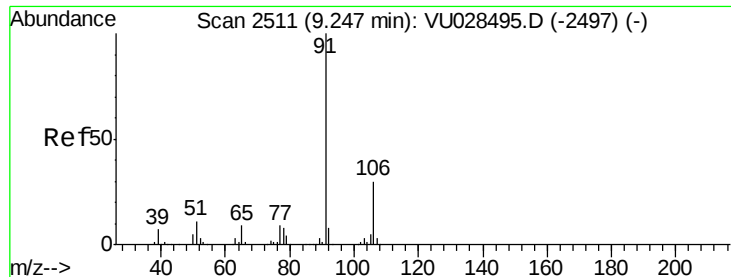
Tgt Ion:117 Resp: 267489
Ion Ratio Lower Upper
117 100
82 54.4 48.9 73.3
119 31.7 26.2 39.4



#65
Chlorobenzene
Concen: 0.742 ug/l
RT: 9.12 min Scan# 2472
Delta R.T. 0.00 min
Lab File: VU028919.D
Acq: 22 Dec 2018 17:01

Tgt Ion:112 Resp: 4229
Ion Ratio Lower Upper
112 100
114 28.4 25.3 37.9

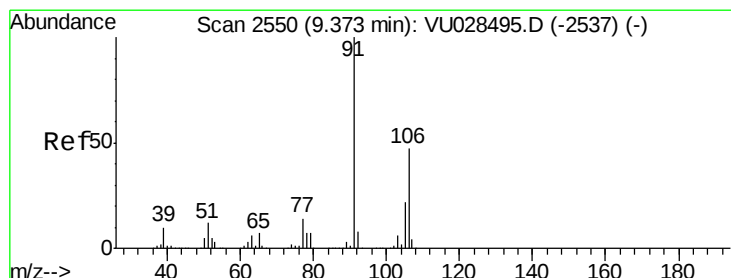
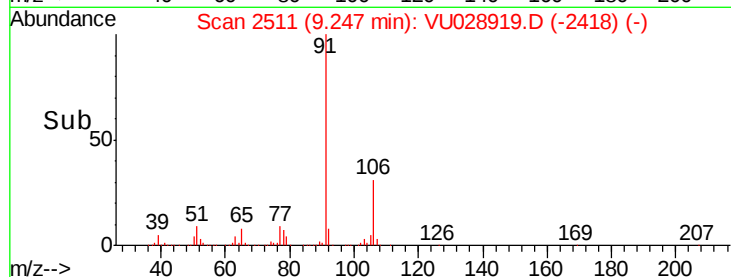
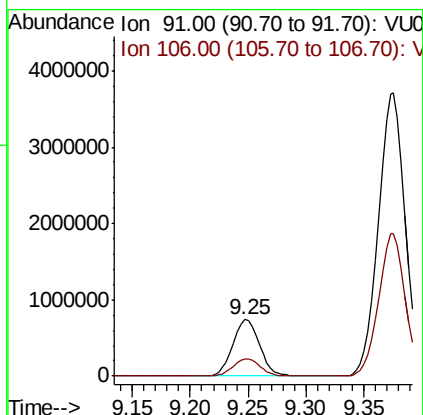
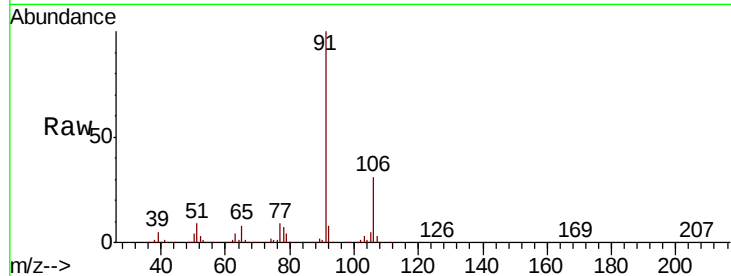




#67
 Ethyl Benzene
 Concen: 113.056 ug/l
 RT: 9.25 min Scan# 2511
 Delta R.T. -0.00 min
 Lab File: VU028919.D
 Acq: 22 Dec 2018 17:01

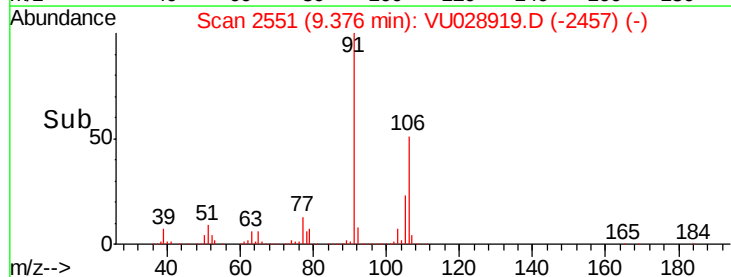
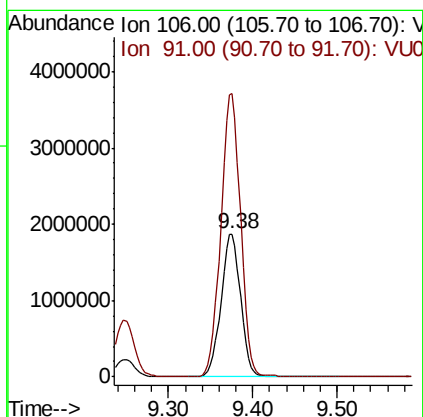
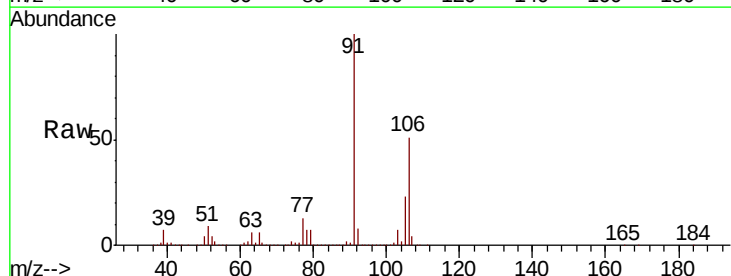
Instrument :
 MSVOA_U
 ClientSampleId :
 P001-SS013-3036-01ME

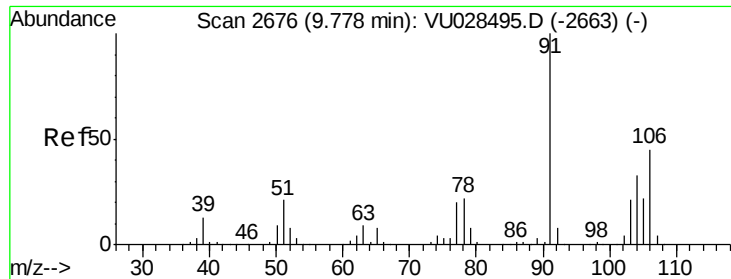
Tgt Ion: 91 Resp: 1184635
 Ion Ratio Lower Upper
 91 100
 106 31.3 24.1 36.1



#68
 m/p-Xylenes
 Concen: 788.145 ug/l
 RT: 9.38 min Scan# 2551
 Delta R.T. 0.00 min
 Lab File: VU028919.D
 Acq: 22 Dec 2018 17:01

Tgt Ion: 106 Resp: 3005018
 Ion Ratio Lower Upper
 106 100
 91 200.5 167.4 251.0

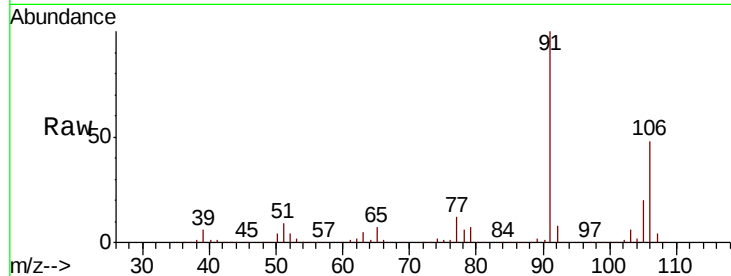




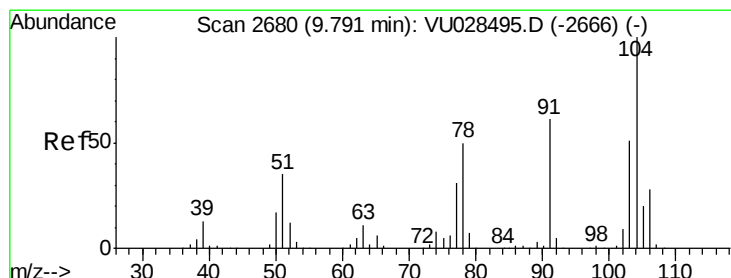
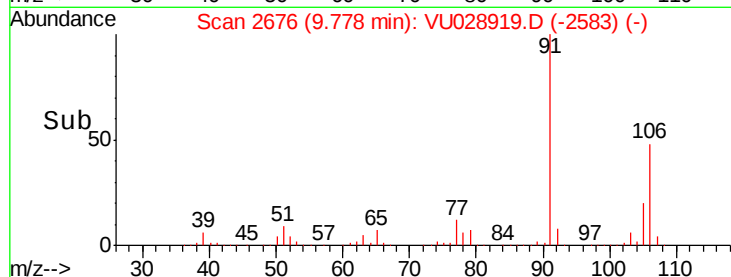
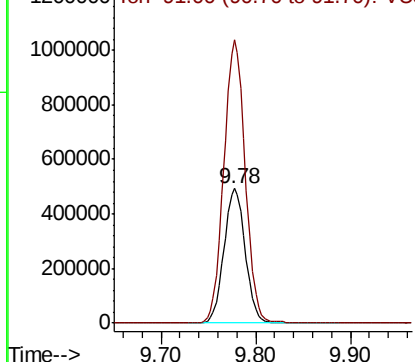
#69
o-Xylene
Concen: 208.208 ug/l
RT: 9.78 min Scan# 2676
Delta R.T. -0.00 min
Lab File: VU028919.D
Acq: 22 Dec 2018 17:01

Instrument :
MSVOA_U
ClientSampleId :
P001-SS013-3036-01ME

Tgt Ion:106 Resp: 771465
Ion Ratio Lower Upper
106 100
91 211.1 111.3 334.0

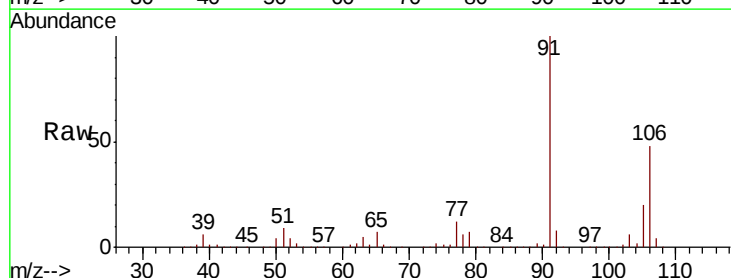


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0

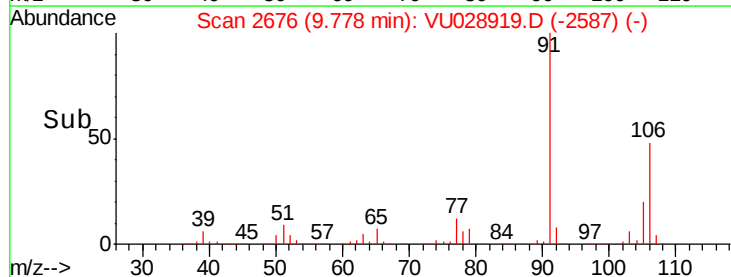
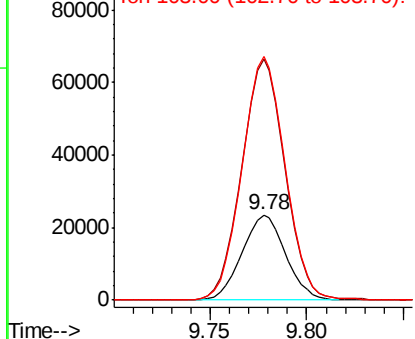


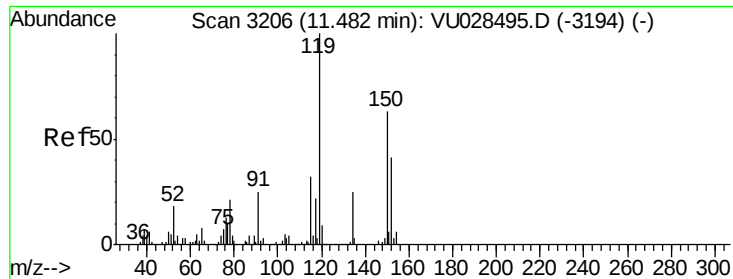
#70
Styrene
Concen: 5.980 ug/l
RT: 9.78 min Scan# 2676
Delta R.T. -0.01 min
Lab File: VU028919.D
Acq: 22 Dec 2018 17:01

Tgt Ion:104 Resp: 36666
Ion Ratio Lower Upper
104 100
78 283.7 43.0 64.6#
103 284.5 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: VU028919.D

Acq: 22 Dec 2018 17:01

Instrument :

MSVOA_U

ClientSampleId :

P001-SS013-3036-01ME

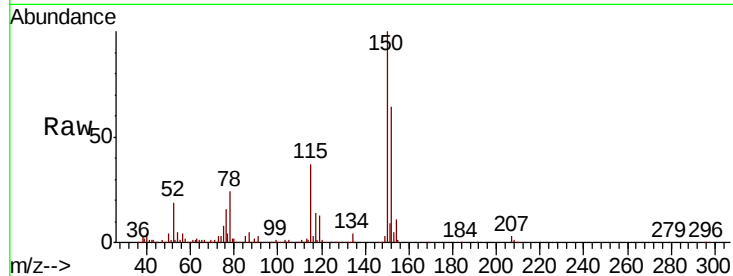
Tgt Ion:152 Resp: 124790

Ion Ratio Lower Upper

152 100

115 58.6 42.7 128.1

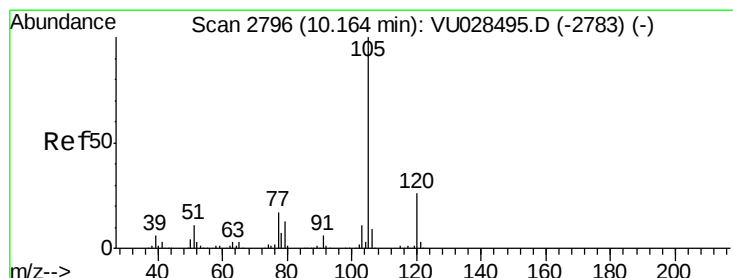
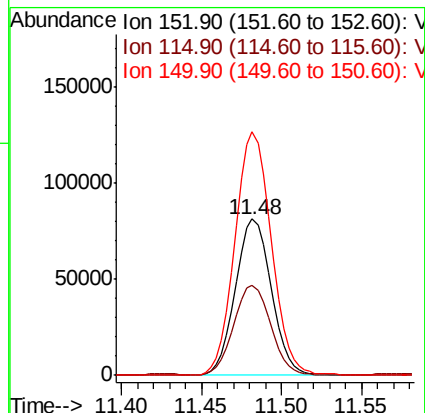
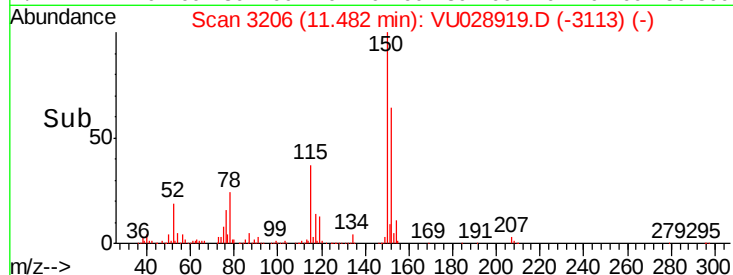
150 157.5 0.0 346.0



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: 2.634 ug/l

RT: 10.17 min Scan# 2797

Delta R.T. 0.00 min

Lab File: VU028919.D

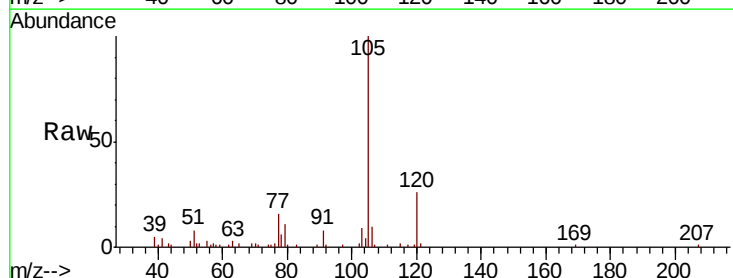
Acq: 22 Dec 2018 17:01

Tgt Ion:105 Resp: 25222

Ion Ratio Lower Upper

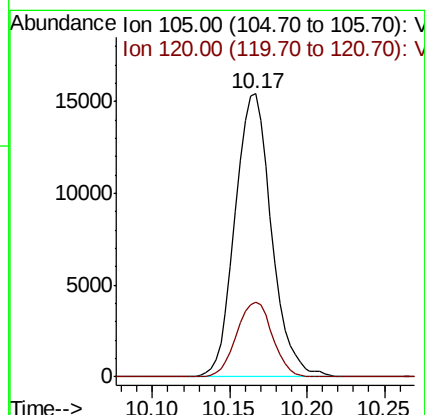
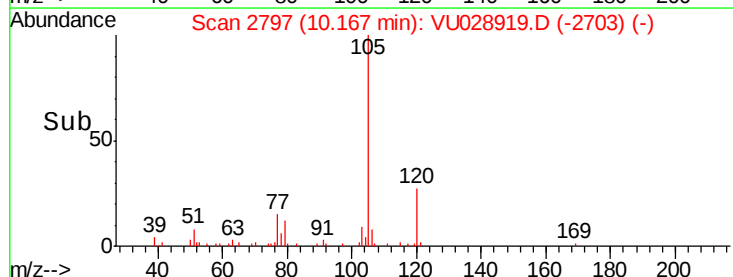
105 100

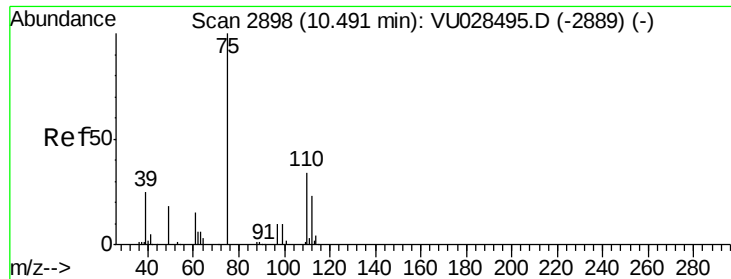
120 26.0 12.9 38.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

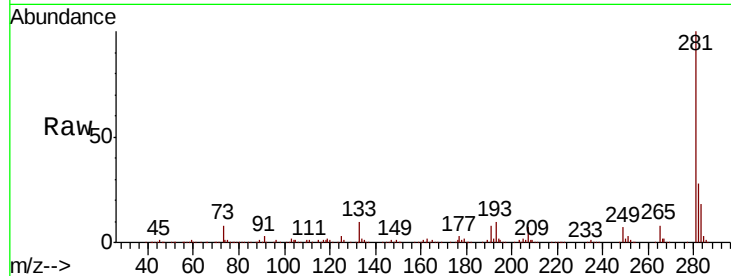




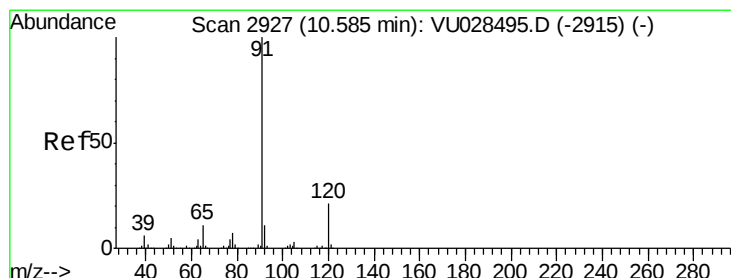
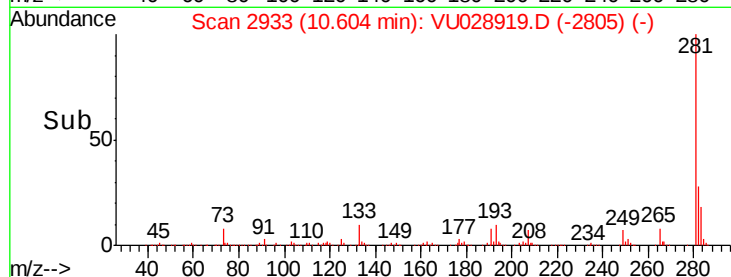
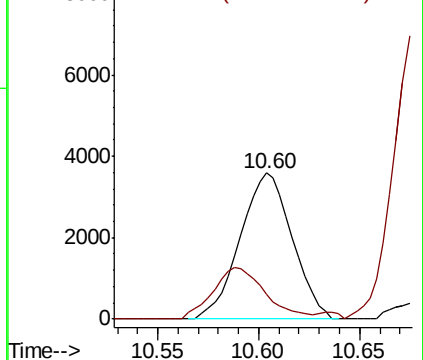
#76
 1,2,3-Trichloropropane
 Concen: 2.025 ug/l
 RT: 10.60 min Scan# 2933
 Delta R.T. 0.11 min
 Lab File: VU028919.D
 Acq: 22 Dec 2018 17:01

Instrument :
 MSVOA_U
 ClientSampleId :
 P001-SS013-3036-01ME

Tgt Ion: 75 Resp: 6454
 Ion Ratio Lower Upper
 75 100
 77 35.2 20.8 62.4

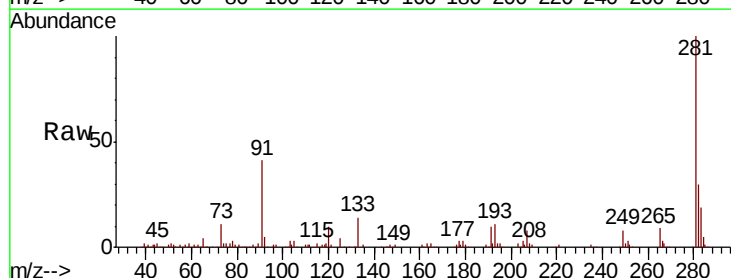


Abundance Ion 74.90 (74.60 to 75.60): VU0
 Ion 77.00 (76.70 to 77.70): VU0

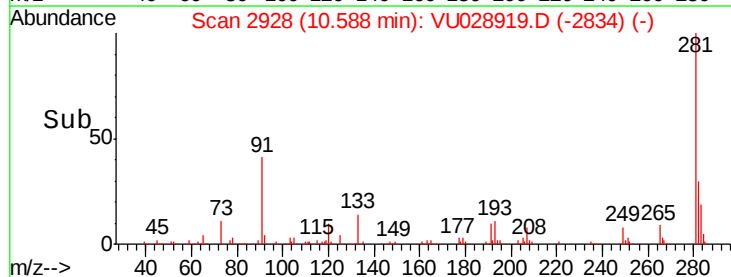
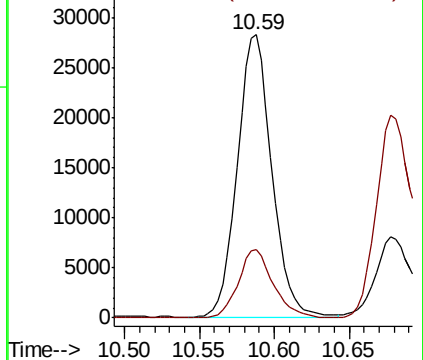


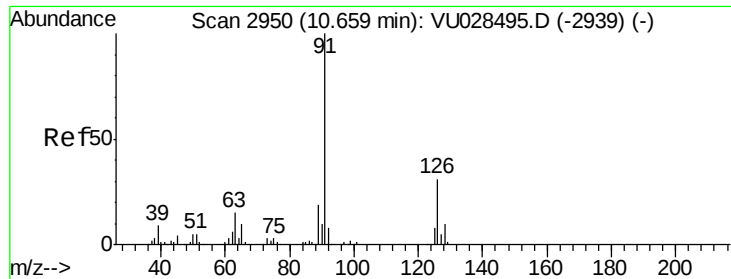
#78
 n-propylbenzene
 Concen: 3.835 ug/l
 RT: 10.59 min Scan# 2928
 Delta R.T. 0.00 min
 Lab File: VU028919.D
 Acq: 22 Dec 2018 17:01

Tgt Ion: 91 Resp: 45629
 Ion Ratio Lower Upper
 91 100
 120 24.3 10.6 31.8



Abundance Ion 91.00 (90.70 to 91.70): VU0
 Ion 120.00 (119.70 to 120.70): V

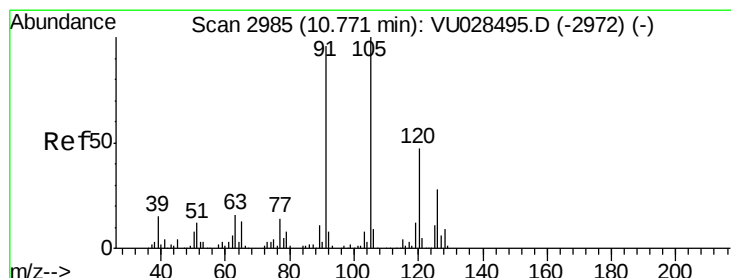
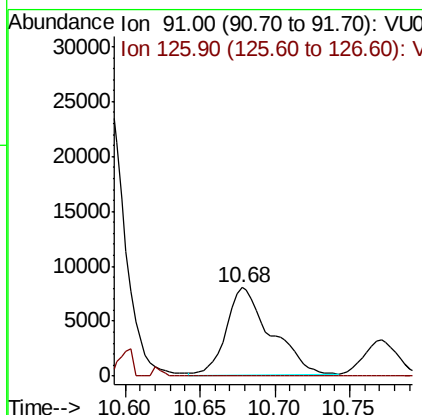
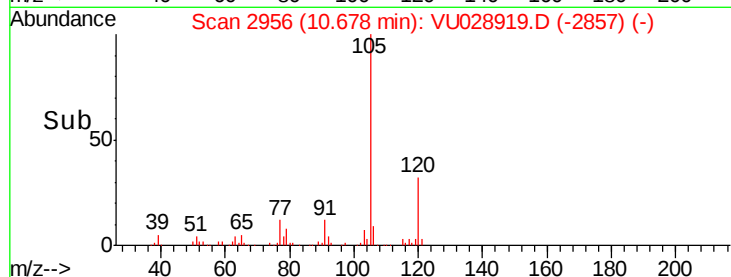
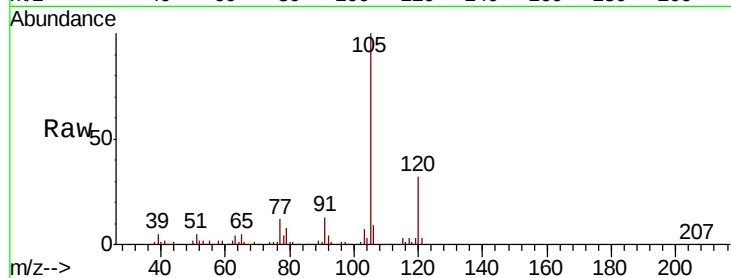




#79
 2-Chlorotoluene
 Concen: 2.413 ug/l
 RT: 10.68 min Scan# 2956
 Delta R.T. 0.02 min
 Lab File: VU028919.D
 Acq: 22 Dec 2018 17:01

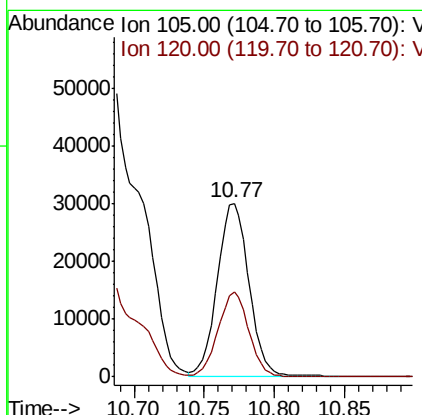
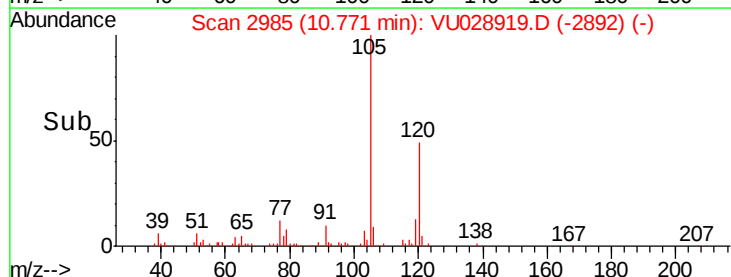
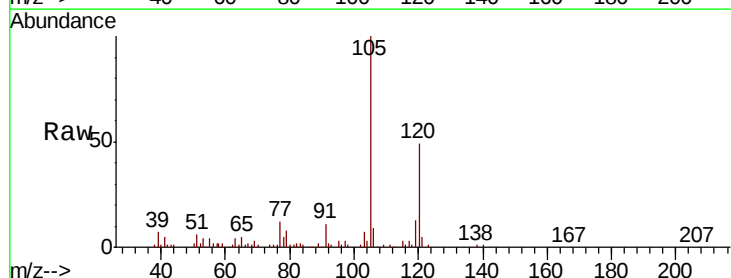
Instrument :
 MSVOA_U
 ClientSampleId :
 P001-SS013-3036-01ME

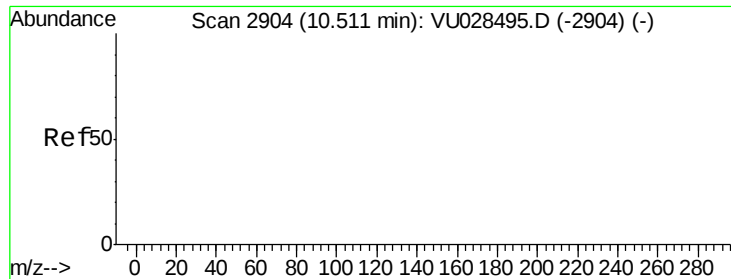
Tgt Ion: 91 Resp: 16536
 Ion Ratio Lower Upper
 91 100
 126 0.0 15.6 46.8#



#80
 1,3,5-Trimethylbenzene
 Concen: 5.982 ug/l
 RT: 10.77 min Scan# 2985
 Delta R.T. -0.00 min
 Lab File: VU028919.D
 Acq: 22 Dec 2018 17:01

Tgt Ion: 105 Resp: 47416
 Ion Ratio Lower Upper
 105 100
 120 47.2 23.7 71.1





#81

trans-1,4-Dichloro-2-butene

Concen: 5.451 ug/l

RT: 10.60 min Scan# 2933

Delta R.T. 0.09 min

Lab File: VU028919.D

Acq: 22 Dec 2018 17:01

Instrument :

MSVOA_U

ClientSampleId :

P001-SS013-3036-01ME

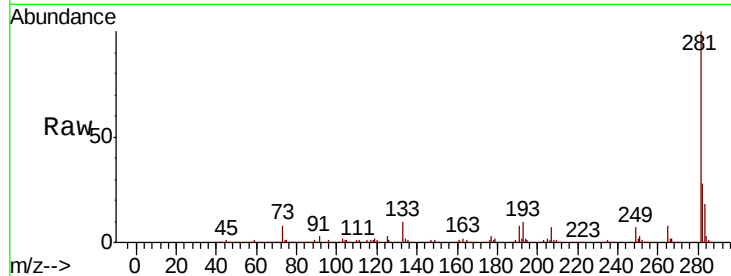
Tgt Ion: 75 Resp: 6454

Ion Ratio Lower Upper

75 100

53 4.1 0.0 0.0#

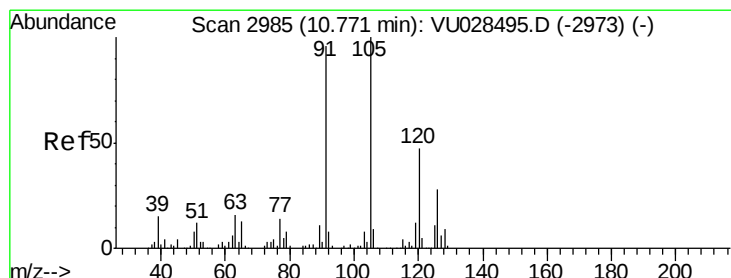
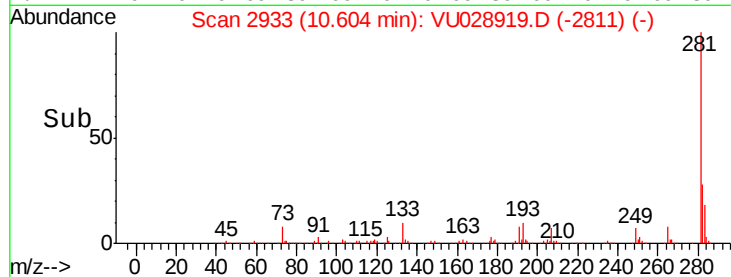
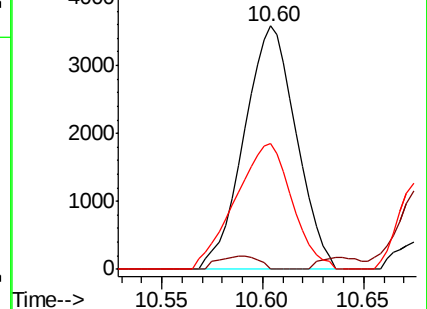
89 56.3 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VU028919.D (-2904) (-)

Ion 53.00 (52.70 to 53.70): VU028919.D (-2904) (-)

Ion 88.90 (88.60 to 89.60): VU028919.D (-2904) (-)



#82

4-Chlorotoluene

Concen: 0.579 ug/l

RT: 10.77 min Scan# 2985

Delta R.T. -0.00 min

Lab File: VU028919.D

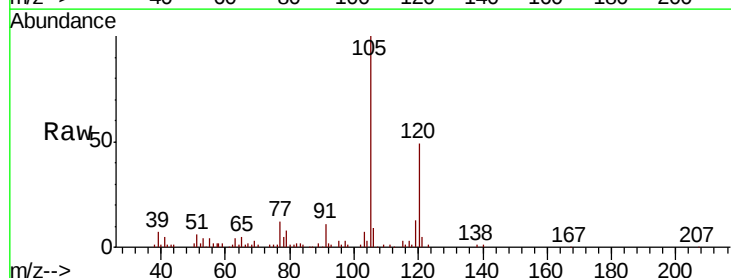
Acq: 22 Dec 2018 17:01

Tgt Ion: 91 Resp: 4702

Ion Ratio Lower Upper

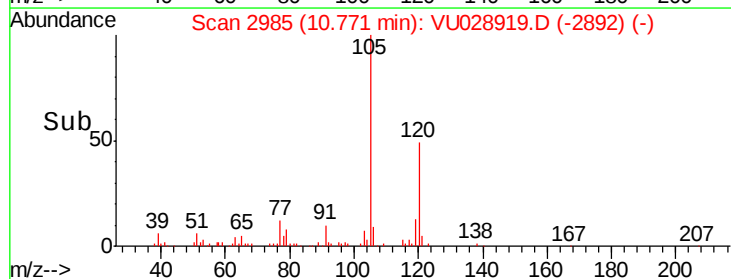
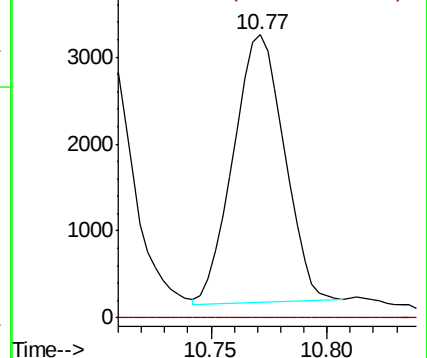
91 100

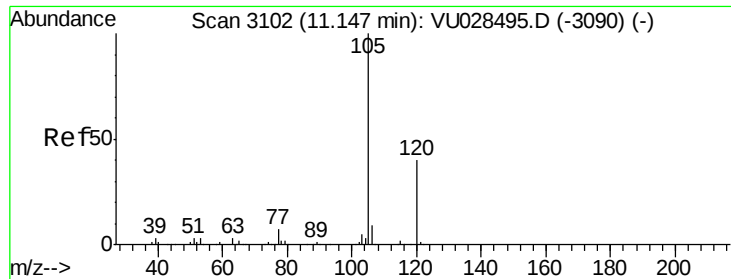
126 0.0 14.1 42.3#



Abundance Ion 91.00 (90.70 to 91.70): VU028919.D (-2892) (-)

Ion 125.90 (125.60 to 126.60): VU028919.D (-2892) (-)

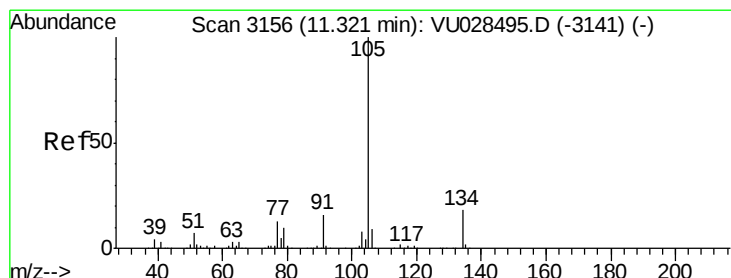
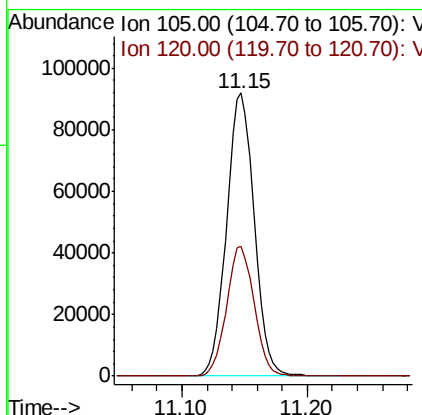
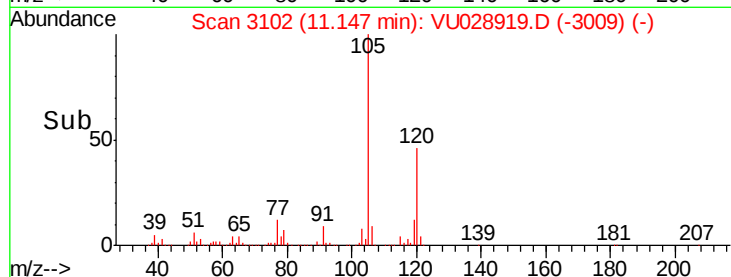
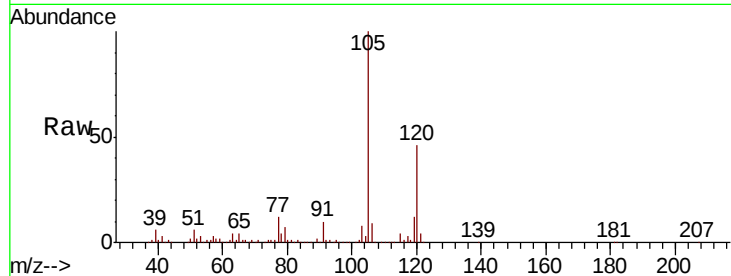




#84
 1,2,4-Trimethylbenzene
 Concen: 17.128 ug/l
 RT: 11.15 min Scan# 3102
 Delta R.T. -0.00 min
 Lab File: VU028919.D
 Acq: 22 Dec 2018 17:01

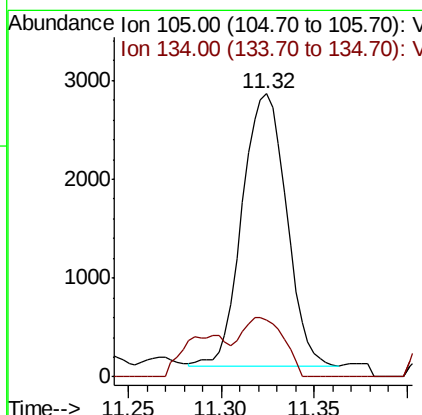
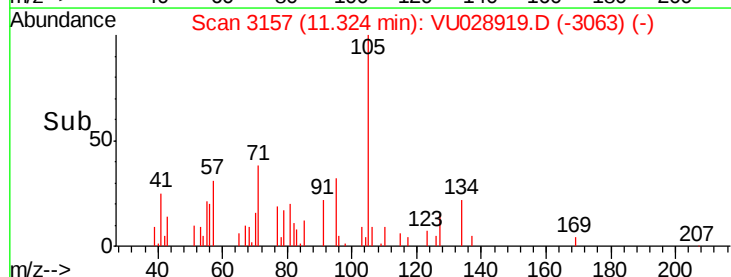
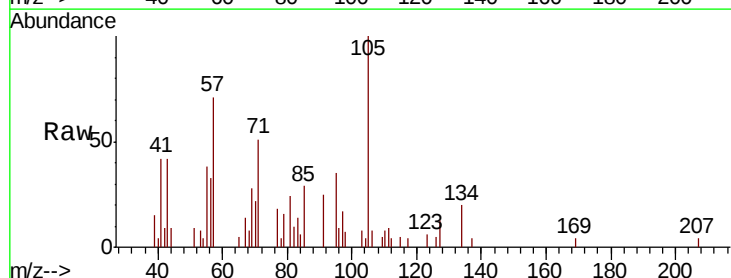
Instrument :
 MSVOA_U
 ClientSampleId :
 P001-SS013-3036-01ME

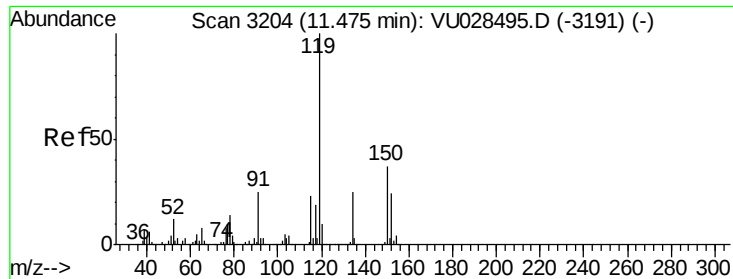
Tgt Ion:105 Resp: 139919
 Ion Ratio Lower Upper
 105 100
 120 45.9 21.8 65.4



#85
 sec-Butylbenzene
 Concen: 0.469 ug/l
 RT: 11.32 min Scan# 3157
 Delta R.T. 0.00 min
 Lab File: VU028919.D
 Acq: 22 Dec 2018 17:01

Tgt Ion:105 Resp: 4599
 Ion Ratio Lower Upper
 105 100
 134 20.9 9.2 27.6

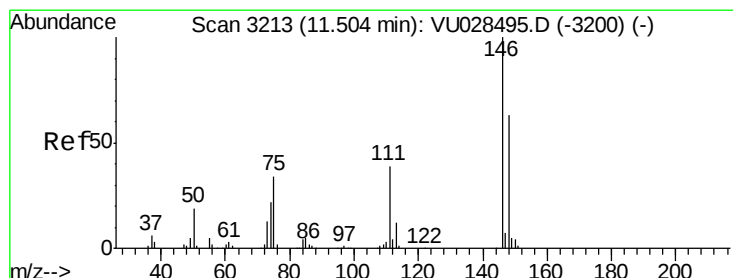
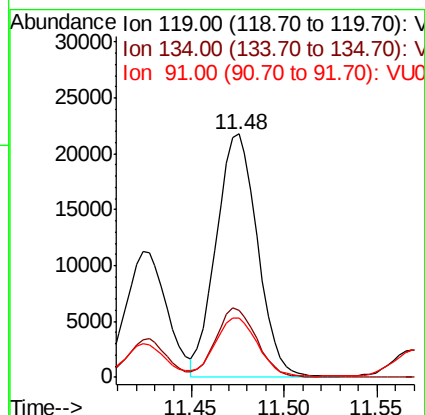
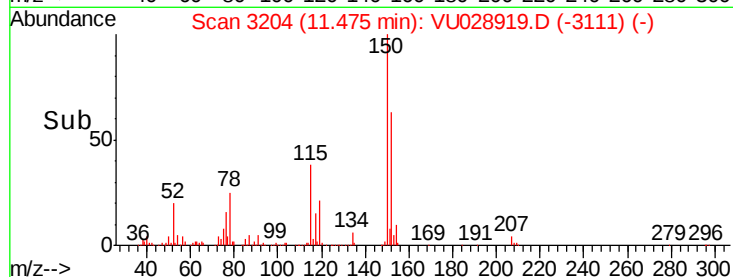
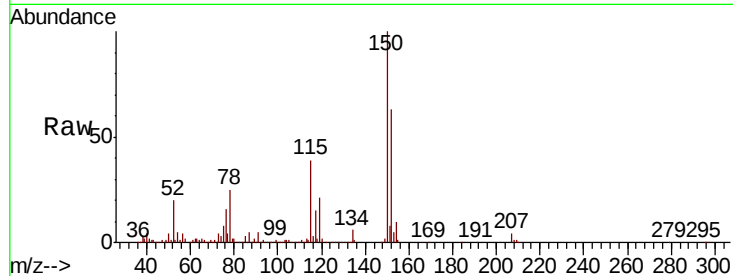




#86
p-Isopropyltoluene
Concen: 4.053 ug/l
RT: 11.48 min Scan# 3204
Delta R.T. -0.00 min
Lab File: VU028919.D
Acq: 22 Dec 2018 17:01

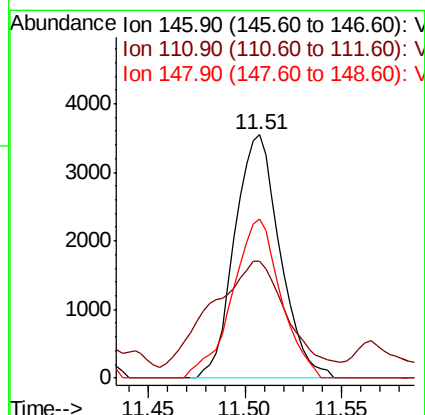
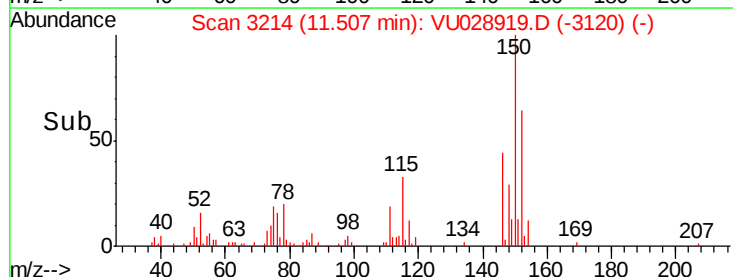
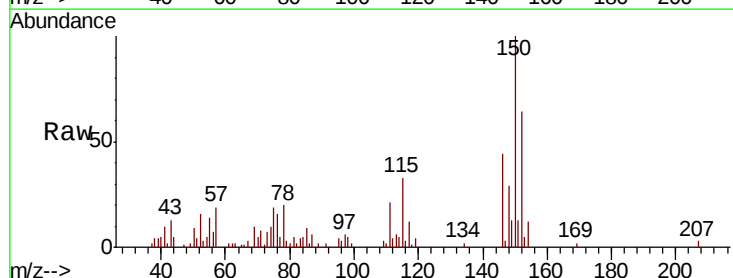
Instrument :
MSVOA_U
ClientSampleId :
P001-SS013-3036-01ME

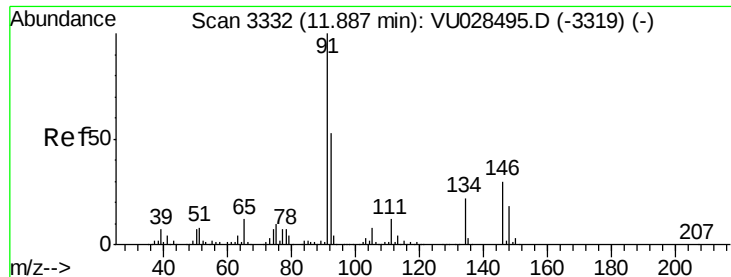
Tgt Ion:119 Resp: 33793
Ion Ratio Lower Upper
119 100
134 27.9 12.7 38.1
91 25.4 12.6 37.6



#88
1,4-Dichlorobenzene
Concen: 1.321 ug/l
RT: 11.51 min Scan# 3214
Delta R.T. 0.00 min
Lab File: VU028919.D
Acq: 22 Dec 2018 17:01

Tgt Ion:146 Resp: 5779
Ion Ratio Lower Upper
146 100
111 69.0 20.2 60.5#
148 69.8 31.6 95.0

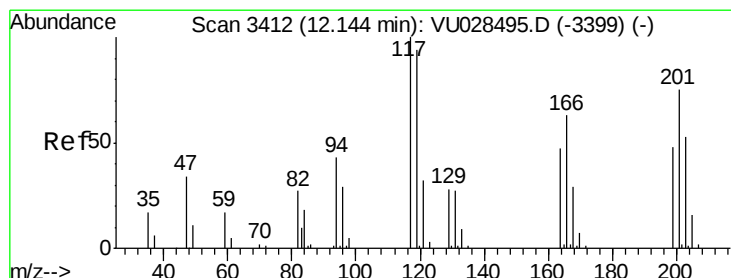
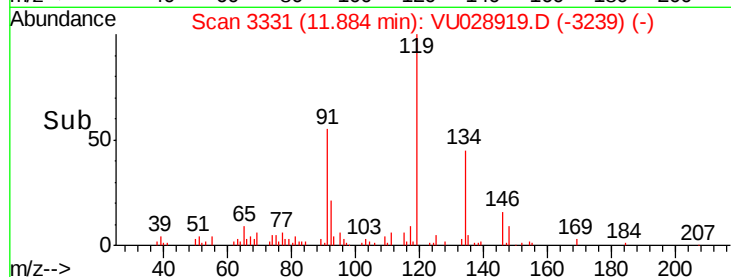
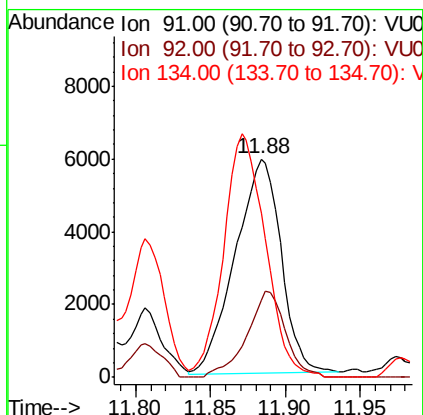
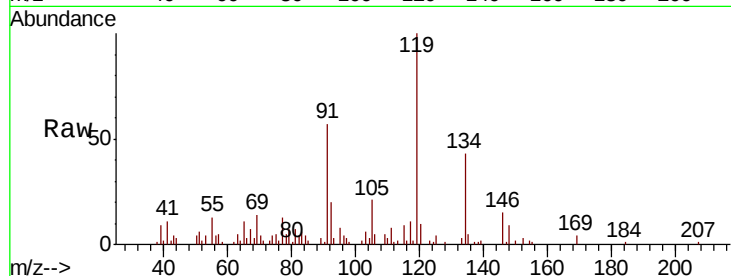




#89
n-Butylbenzene
Concen: 1.492 ug/l
RT: 11.88 min Scan# 3331
Delta R.T. -0.00 min
Lab File: VU028919.D
Acq: 22 Dec 2018 17:01

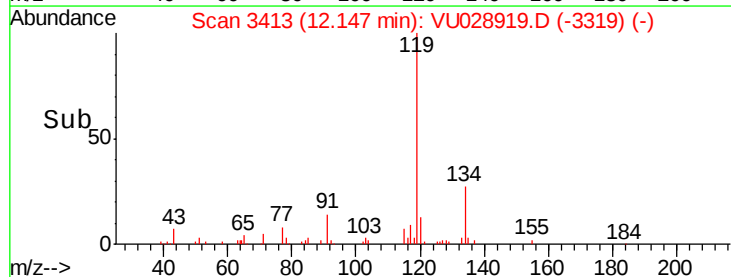
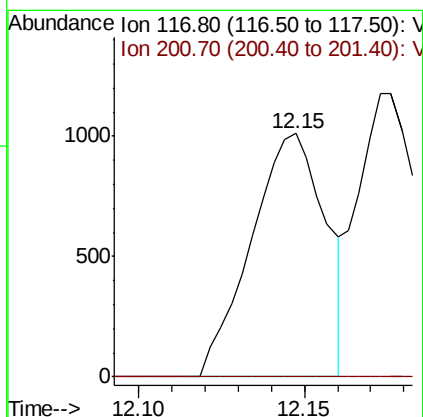
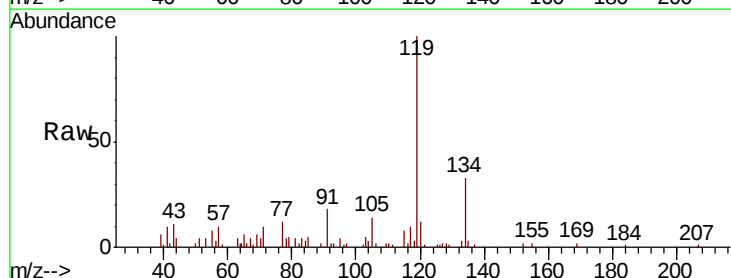
Instrument :
MSVOA_U
ClientSampleId :
P001-SS013-3036-01ME

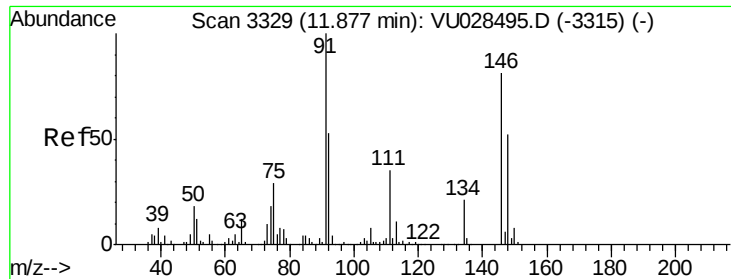
Tgt Ion: 91 Resp: 12592
Ion Ratio Lower Upper
91 100
92 33.8 26.3 78.9
134 103.3 11.3 33.8#



#90
Hexachloroethane
Concen: 1.250 ug/l
RT: 12.15 min Scan# 3413
Delta R.T. 0.00 min
Lab File: VU028919.D
Acq: 22 Dec 2018 17:01

Tgt Ion: 117 Resp: 1575
Ion Ratio Lower Upper
117 100
201 0.0 38.1 114.5#

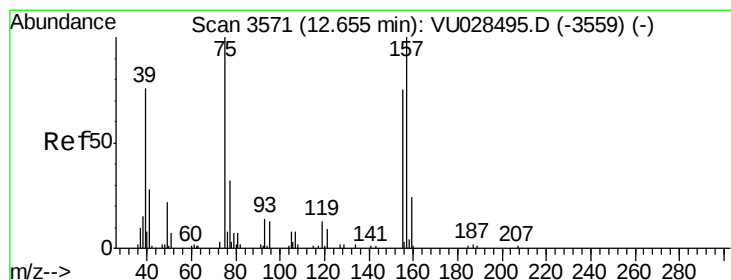
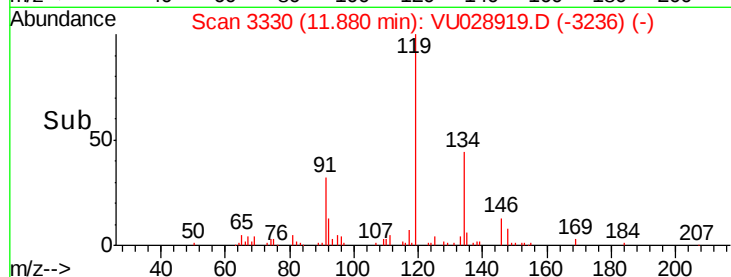
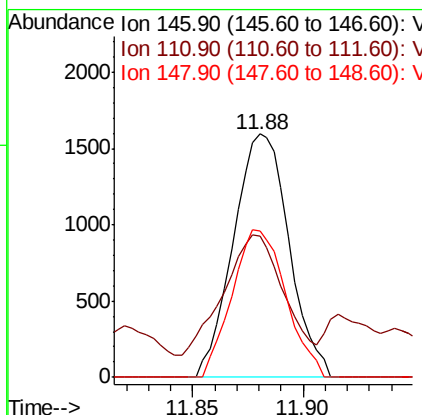
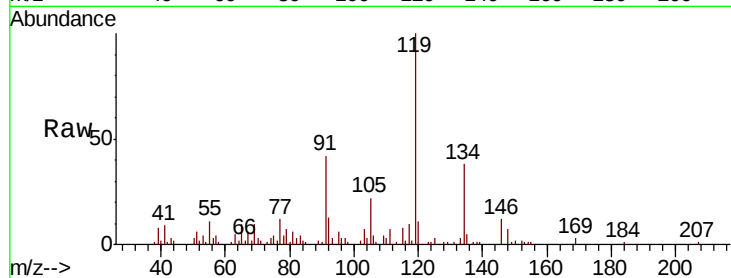




#91
 1,2-Dichlorobenzene
 Concen: 0.660 ug/l
 RT: 11.88 min Scan# 3330
 Delta R.T. 0.00 min
 Lab File: VU028919.D
 Acq: 22 Dec 2018 17:01

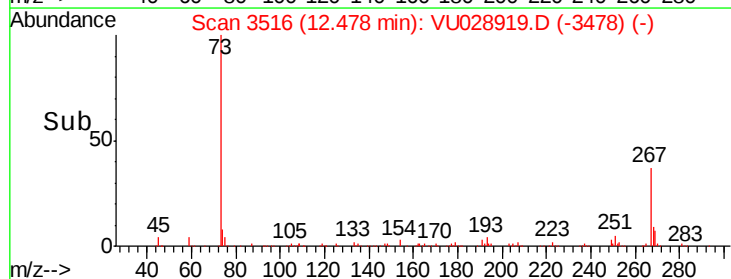
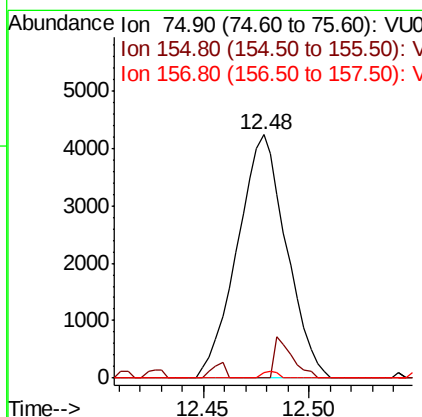
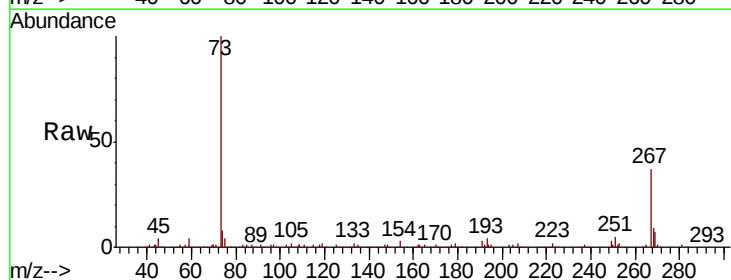
Instrument :
 MSVOA_U
 ClientSampleId :
 P001-SS013-3036-01ME

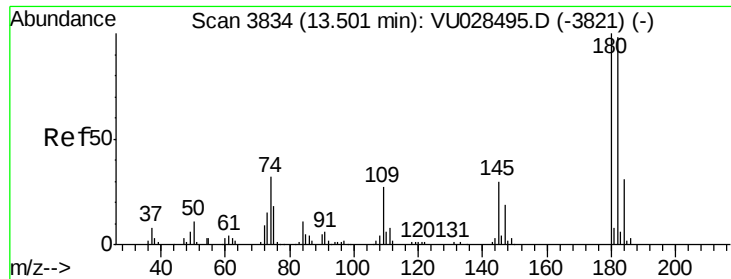
Tgt Ion:146 Resp: 2790
 Ion Ratio Lower Upper
 146 100
 111 51.8 21.1 63.4
 148 58.7 31.4 94.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 8.575 ug/l
 RT: 12.48 min Scan# 3516
 Delta R.T. -0.18 min
 Lab File: VU028919.D
 Acq: 22 Dec 2018 17:01

Tgt Ion: 75 Resp: 6829
 Ion Ratio Lower Upper
 75 100
 155 6.3 38.1 114.5#
 157 0.9 48.7 146.1#

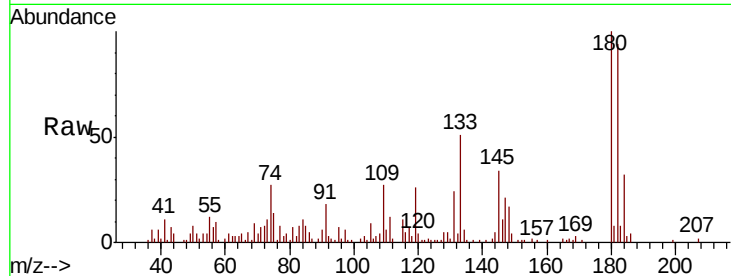




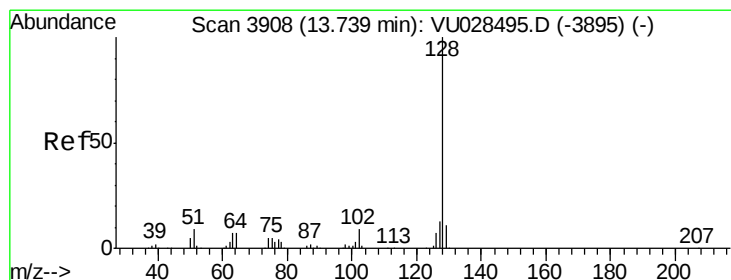
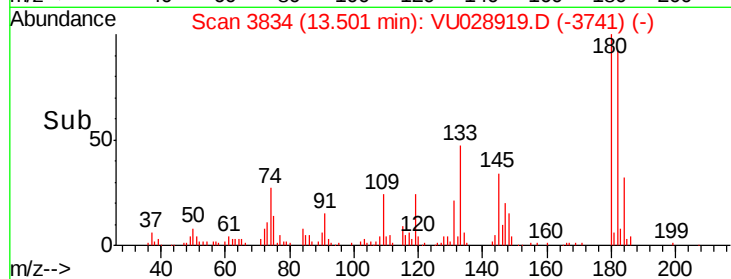
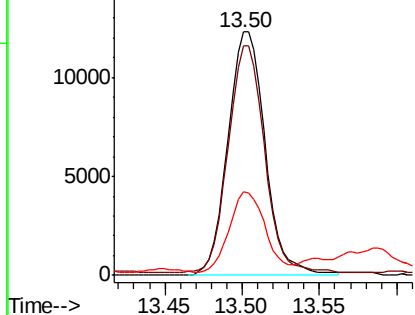
#93
 1,2,4-Trichlorobenzene
 Concen: 7.808 ug/l
 RT: 13.50 min Scan# 3834
 Delta R.T. -0.00 min
 Lab File: VU028919.D
 Acq: 22 Dec 2018 17:01

Instrument :
 MSVOA_U
 ClientSampleId :
 P001-SS013-3036-01ME

Tgt Ion	Ratio	Lower	Upper
180	100		
182	90.7	47.9	143.8
145	33.9	15.0	45.1

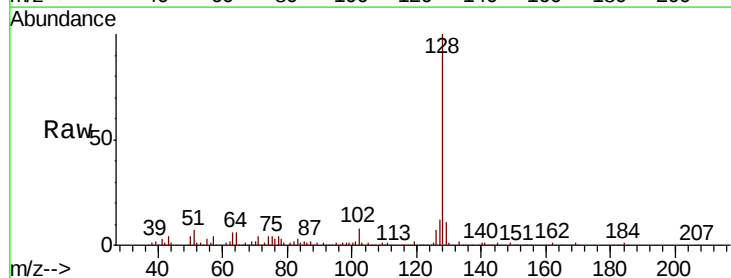


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

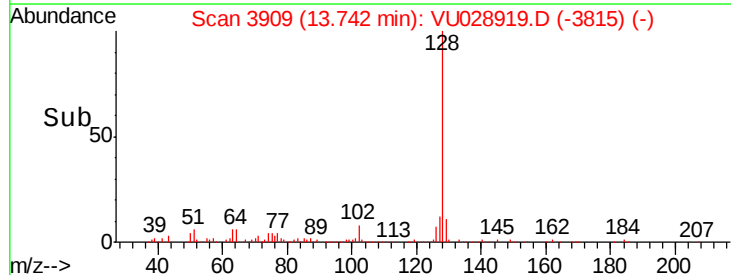
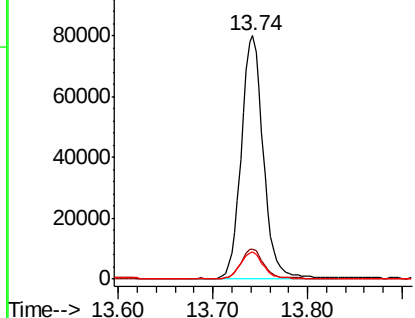


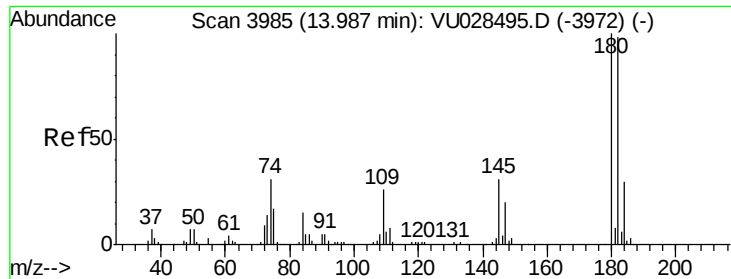
#95
 Naphthalene
 Concen: 12.696 ug/l
 RT: 13.74 min Scan# 3909
 Delta R.T. 0.00 min
 Lab File: VU028919.D
 Acq: 22 Dec 2018 17:01

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.4	15.6
129	11.4	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: 1.593 ug/l
 RT: 13.99 min Scan# 3985
 Delta R.T. 0.00 min
 Lab File: VU028919.D
 Acq: 22 Dec 2018 17:01

Instrument :
 MSVOA_U
 ClientSampleId :
 P001-SS013-3036-01ME

Tgt Ion	Ratio	Lower	Upper
180	100		
182	110.6	48.2	144.6
145	0.0	15.8	47.3

