

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\U122218\
 Data File : VU028915.D
 Acq On : 22 Dec 2018 15:24
 Operator : MD/SY
 Sample : J6426-14ME
 Misc : 5.65g/10mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 P001-SS013B-4248-01ME

Quant Time: Dec 24 04:46:06 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	4.97	168	129403	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.88	114	216968	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	208774	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	106020	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.30	65	80010	40.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	81.04%	
35) Dibromofluoromethane	4.88	113	68296	50.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.04%	
50) Toluene-d8	7.56	98	282018	52.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.42%	
62) 4-Bromofluorobenzene	10.31	95	106368	52.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.38%	

Target Compounds					Qvalue	
3) Chloromethane	1.32	50	3620	1.135	ug/l	97
5) Bromomethane	1.60	94	881	0.950	ug/l	94
11) Tert butyl alcohol	2.83	59	11996	27.265	ug/l #	73
14) Allyl chloride	2.70	41	17424	5.112	ug/l #	60
15) Acrylonitrile	2.95	53	2183	1.787	ug/l #	40
16) Acetone	2.35	43	1315	1.020	ug/l #	88
18) Methyl Acetate	2.63	43	6089	1.823	ug/l #	84
20) Methylene Chloride	2.68	84	1324	0.697	ug/l #	80
23) Vinyl Acetate	3.27	43	26133	4.780	ug/l #	45
25) 2-Butanone	4.19	43	909	0.516	ug/l #	52
29) Tetrahydrofuran	4.67	42	399	0.353	ug/l #	46
31) Cyclohexane	4.97	56	18603	4.403	ug/l #	82
36) 1,1-Dichloropropene	4.97	75	11014	4.639	ug/l #	48
38) Carbon Tetrachloride	4.97	117	11533	6.027	ug/l #	16
39) Methylcyclohexane	6.40	83	76072	26.263	ug/l	95
40) Benzene	5.39	78	1857	0.266	ug/l #	87
43) Isopropyl Acetate	5.54	43	1355	0.279	ug/l #	62
45) 1,2-Dichloropropane	6.40	63	587	0.299	ug/l #	1
48) Methyl methacrylate	6.63	41	3659	1.516	ug/l #	45
51) 4-Methyl-2-Pentanone	7.52	43	7504	2.451	ug/l #	59
52) Toluene	7.64	92	4993	1.213	ug/l	99
55) 1,1,2-Trichloroethane	8.04	97	25796	15.857	ug/l #	19
56) Ethyl methacrylate	8.04	69	6859	2.462	ug/l #	20
59) 2-Hexanone	8.32	43	81866	33.734	ug/l #	31
65) Chlorobenzene	9.12	112	243094	54.643	ug/l	98
66) 1,1,1,2-Tetrachloroethane	9.10	131	2138	1.505	ug/l #	1
67) Ethyl Benzene	9.37	91	1133376	138.584	ug/l #	65
68) m/p-Xylenes	9.37	106	557172	187.231	ug/l	96
69) o-Xylene	9.78	106	2881	0.996	ug/l	95
73) Isopropylbenzene	10.17	105	194081	23.857	ug/l	99
74) N-amyl acetate	10.01	43	11974	2.552	ug/l #	32
75) 1,1,2,2-Tetrachloroethane	10.49	83	29799	9.535	ug/l #	34
76) 1,2,3-Trichloropropane	10.61	75	174081	64.302	ug/l #	34
78) n-propylbenzene	10.59	91	478588	47.343	ug/l	85

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU122218\
 Data File : VU028915.D
 Acq On : 22 Dec 2018 15:24
 Operator : MD/SY
 Sample : J6426-14ME
 Misc : 5.65g/10mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 P001-SS013B-4248-01ME

Quant Time: Dec 24 04:46:06 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

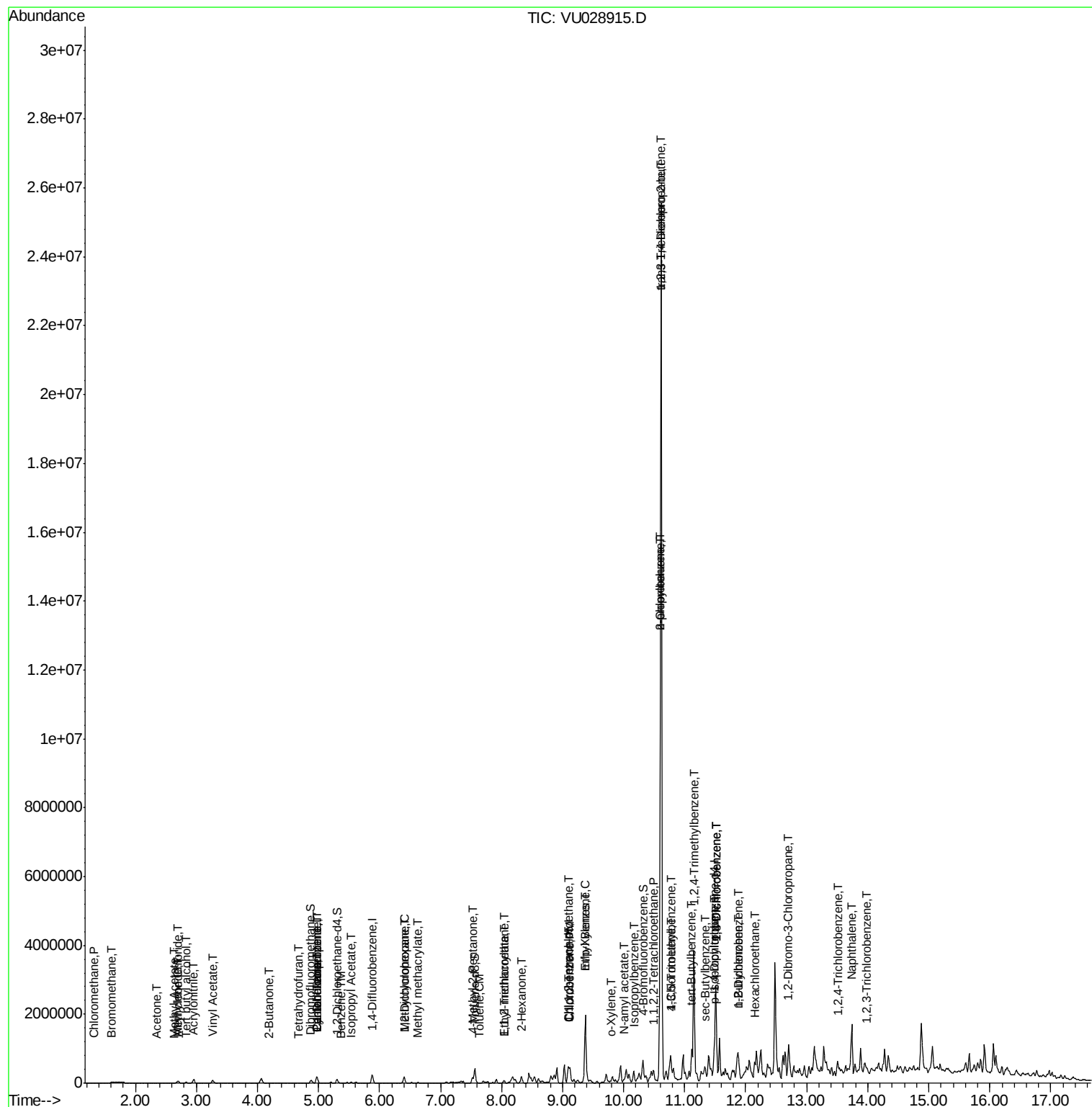
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
79) 2-Chlorotoluene	10.59	91	478588	82.190	ug/l #	43
80) 1,3,5-Trimethylbenzene	10.77	105	325789	48.379	ug/l	97
81) trans-1,4-Dichloro-2-buten	10.61	75	174081	156.965	ug/l #	100
82) 4-Chlorotoluene	10.77	91	34219	4.959	ug/l #	48
83) tert-Butylbenzene	11.10	119	9104	1.403	ug/l	84
84) 1,2,4-Trimethylbenzene	11.15	105	1932773	278.494	ug/l	97
85) sec-Butylbenzene	11.33	105	65472	7.852	ug/l	99
86) p-Isopropyltoluene	11.48	119	88517	12.497	ug/l	96
87) 1,3-Dichlorobenzene	11.51	146	1030165	286.740	ug/l	98
88) 1,4-Dichlorobenzene	11.51	146	1030165	277.146	ug/l	99
89) n-Butylbenzene	11.89	91	155267	21.659	ug/l #	53
90) Hexachloroethane	12.15	117	21367	19.958	ug/l #	11
91) 1,2-Dichlorobenzene	11.88	146	2174	0.605	ug/l #	1
92) 1,2-Dibromo-3-Chloropropan	12.70	75	3317	4.903	ug/l #	14
93) 1,2,4-Trichlorobenzene	13.50	180	7131	3.682	ug/l #	6
95) Naphthalene	13.74	128	930483	107.901	ug/l	99
96) 1,2,3-Trichlorobenzene	13.99	180	1664	0.822	ug/l #	67

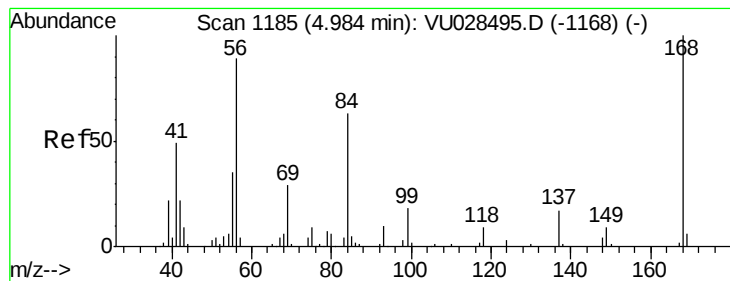
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_U\DATA\VU122218\
 Data File : VU028915.D
 Acq On : 22 Dec 2018 15:24
 Operator : MD/SY
 Sample : J6426-14ME
 Misc : 5.65g/10mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 P001-SS013B-4248-01ME

Quant Time: Dec 24 04:46:06 2018
 Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\82U120618W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 07 00:39:42 2018
 Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.97 min Scan# 1182

Delta R.T. -0.01 min

Lab File: VU028915.D

Acq: 22 Dec 2018 15:24

Instrument :

MSVOA_U

ClientSampleId :

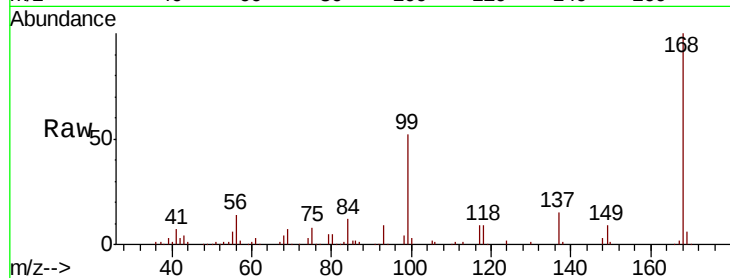
P001-SS013B-4248-01ME

Tgt Ion: 168 Resp: 129403

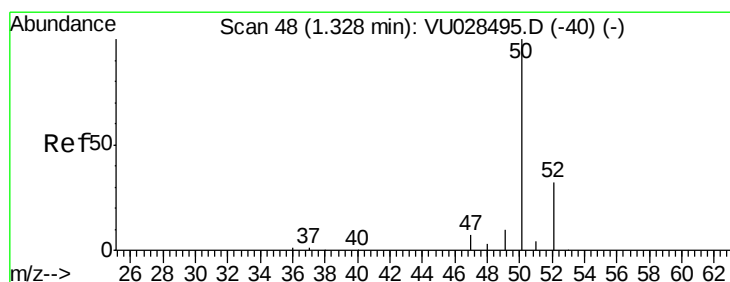
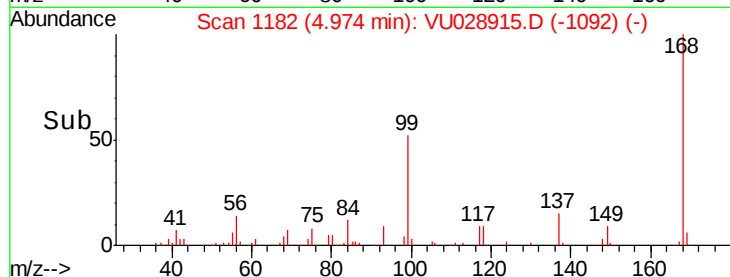
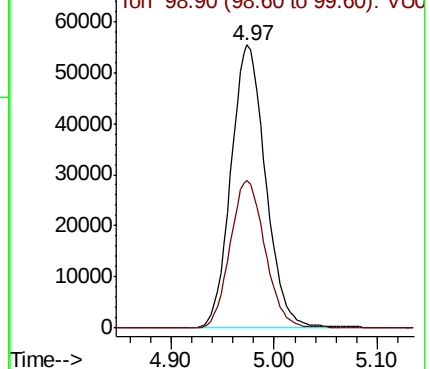
Ion Ratio Lower Upper

168 100

99 52.0 46.6 69.8



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



#3

Chloromethane

Concen: 1.135 ug/l

RT: 1.32 min Scan# 46

Delta R.T. -0.01 min

Lab File: VU028915.D

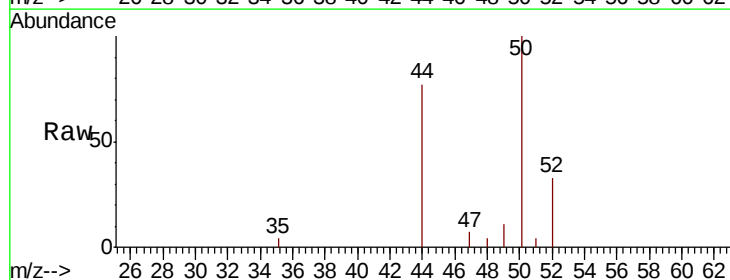
Acq: 22 Dec 2018 15:24

Tgt Ion: 50 Resp: 3620

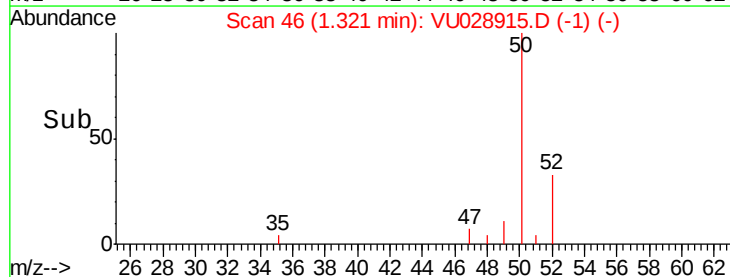
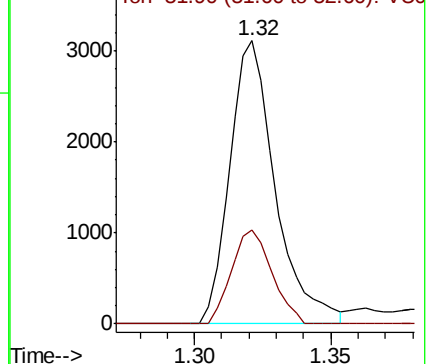
Ion Ratio Lower Upper

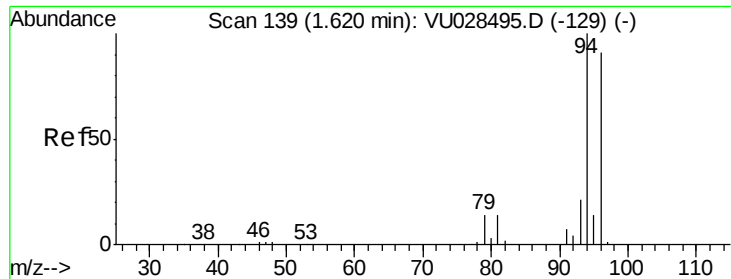
50 100

52 33.3 25.5 38.3



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





#5

Bromomethane

Concen: 0.950 ug/l

RT: 1.60 min Scan# 132

Delta R.T. -0.02 min

Lab File: VU028915.D

Acq: 22 Dec 2018 15:24

Instrument :

MSVOA_U

ClientSampleId :

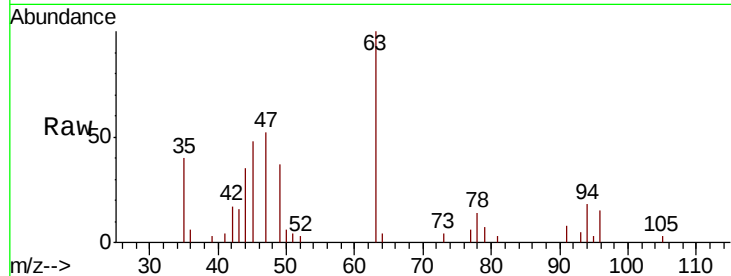
P001-SS013B-4248-01ME

Tgt Ion: 94 Resp: 881

Ion Ratio Lower Upper

94 100

96 85.3 73.2 109.8



Abundance Ion 93.90 (93.60 to 94.60): VU0

Ion 95.90 (95.60 to 96.60): VU0

1.60

600

500

400

300

200

100

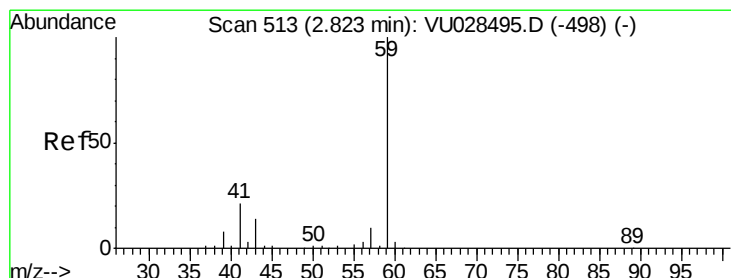
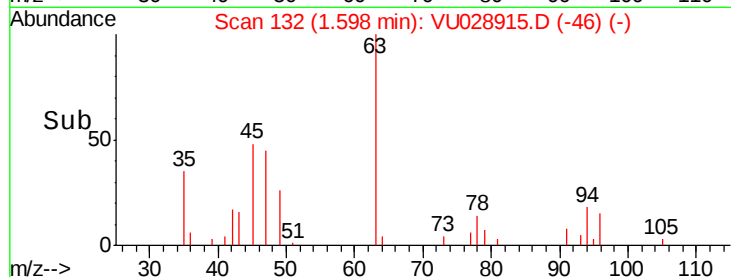
0

1.55

1.60

1.65

Time-->



#11

Tert butyl alcohol

Concen: 27.265 ug/l

RT: 2.83 min Scan# 515

Delta R.T. 0.01 min

Lab File: VU028915.D

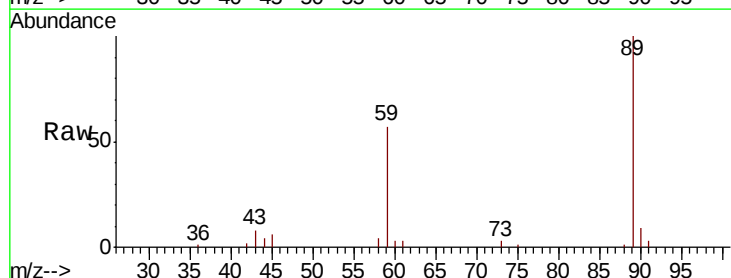
Acq: 22 Dec 2018 15:24

Tgt Ion: 59 Resp: 11996

Ion Ratio Lower Upper

59 100

57 0.0 8.0 12.0#



Abundance Ion 59.00 (58.70 to 59.70): VU0

Ion 57.00 (56.70 to 57.70): VU0

2.83

5000

4000

3000

2000

1000

0

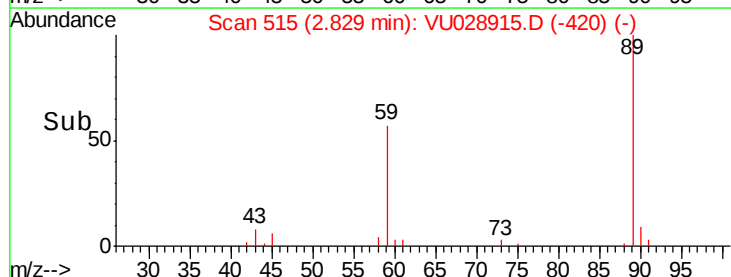
2.75

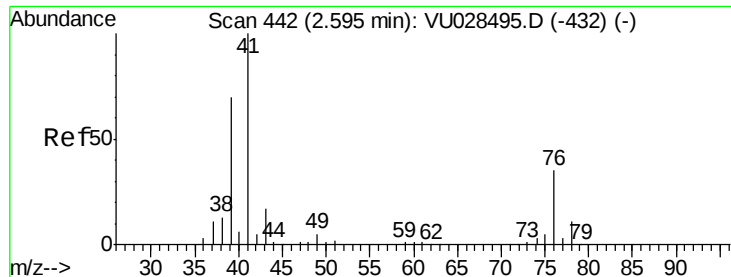
2.80

2.85

2.90

Time-->





#14

Allyl chloride

Concen: 5.112 ug/l

RT: 2.70 min Scan# 475

Delta R.T. 0.11 min

Lab File: VU028915.D

Acq: 22 Dec 2018 15:24

Instrument :

MSVOA_U

ClientSampleId :

P001-SS013B-4248-01ME

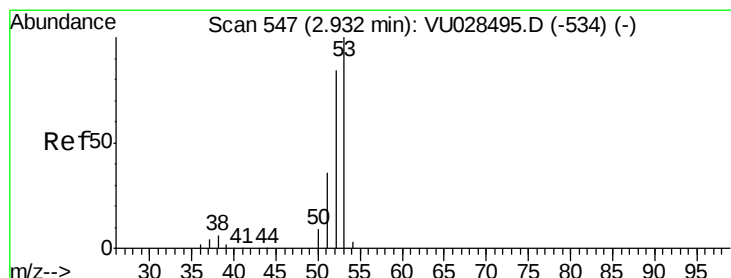
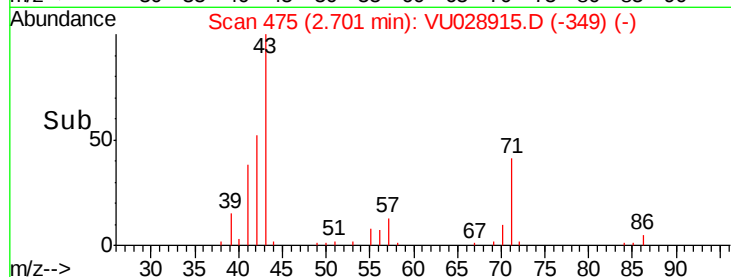
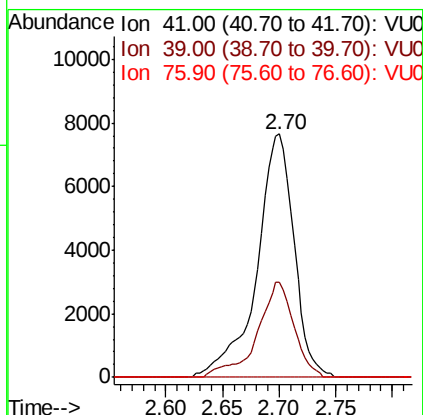
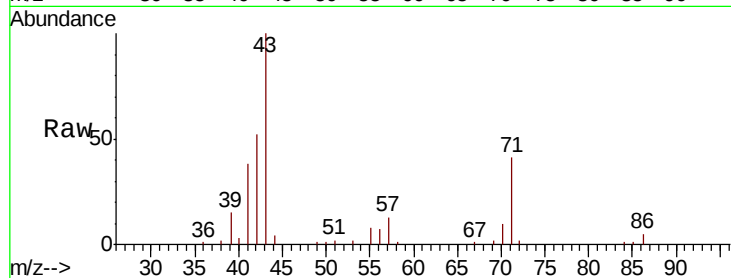
Tgt Ion: 41 Resp: 17424

Ion Ratio Lower Upper

41 100

39 38.6 50.8 76.2#

76 0.0 24.8 37.2#



#15

Acrylonitrile

Concen: 1.787 ug/l

RT: 2.95 min Scan# 554

Delta R.T. 0.02 min

Lab File: VU028915.D

Acq: 22 Dec 2018 15:24

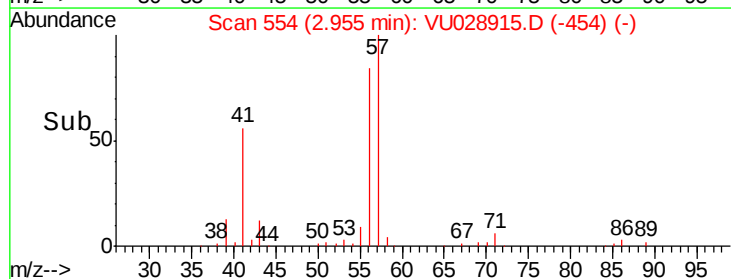
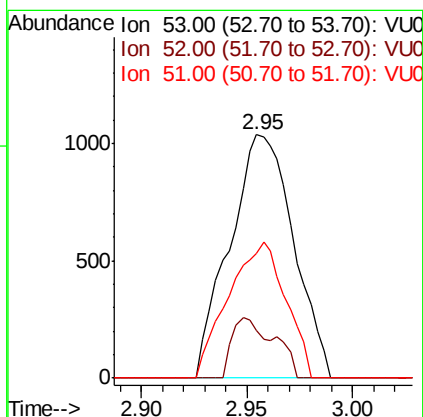
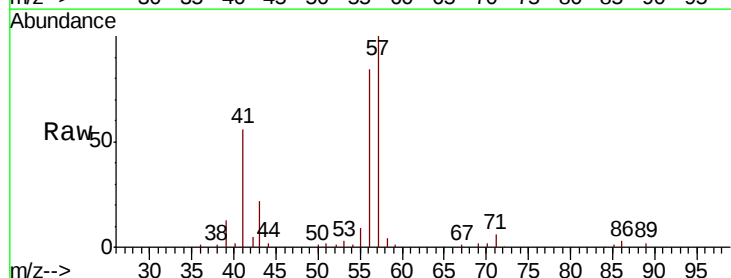
Tgt Ion: 53 Resp: 2183

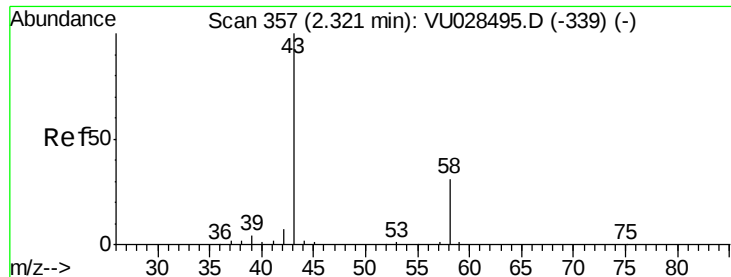
Ion Ratio Lower Upper

53 100

52 16.3 66.1 99.1#

51 50.2 28.1 42.1#





#16

Acetone

Concen: 1.020 ug/l

RT: 2.35 min Scan# 365

Delta R.T. 0.03 min

Lab File: VU028915.D

Acq: 22 Dec 2018 15:24

Instrument :

MSVOA_U

ClientSampleId :

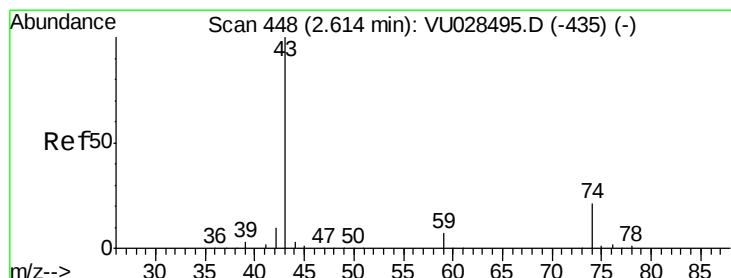
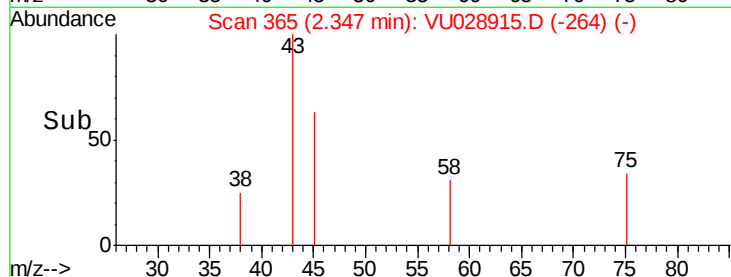
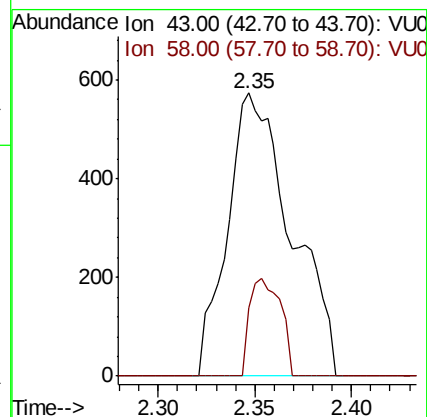
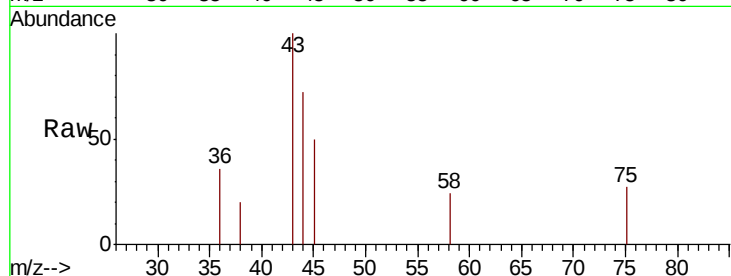
P001-SS013B-4248-01ME

Tgt Ion: 43 Resp: 1315

Ion Ratio Lower Upper

43 100

58 24.3 24.6 37.0#



#18

Methyl Acetate

Concen: 1.823 ug/l

RT: 2.63 min Scan# 453

Delta R.T. 0.02 min

Lab File: VU028915.D

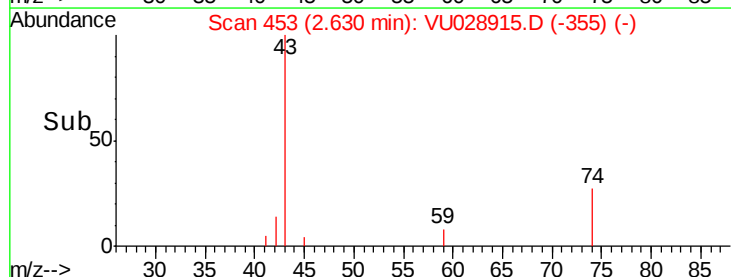
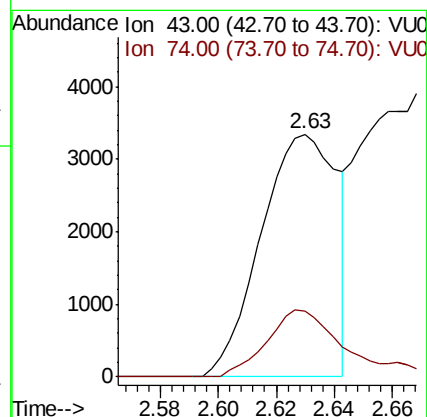
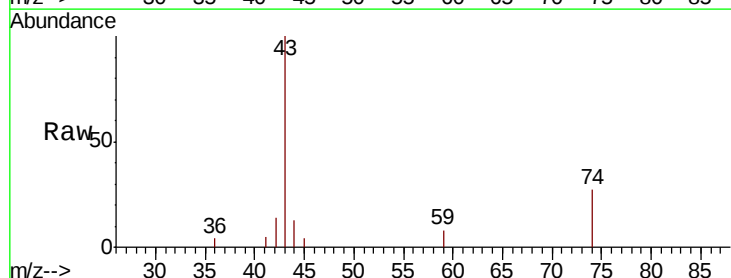
Acq: 22 Dec 2018 15:24

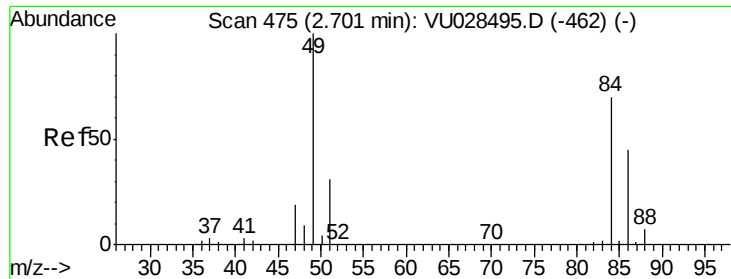
Tgt Ion: 43 Resp: 6089

Ion Ratio Lower Upper

43 100

74 28.0 16.4 24.6#

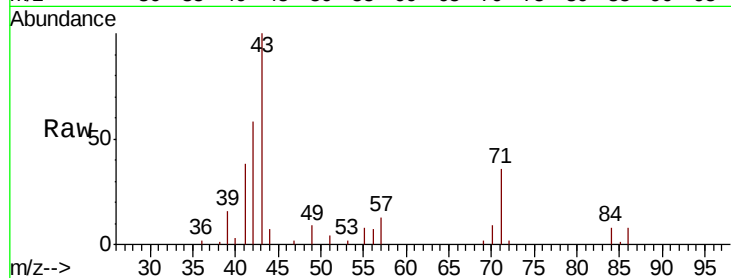




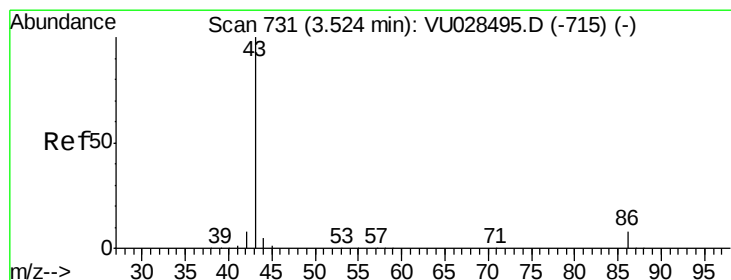
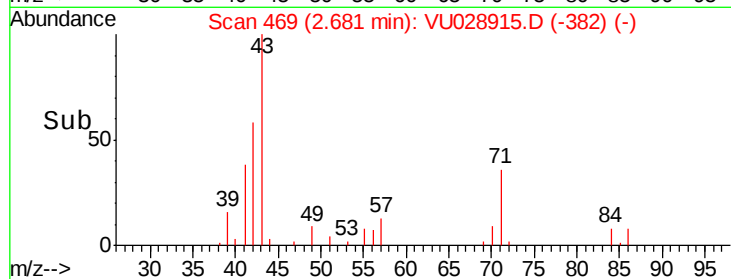
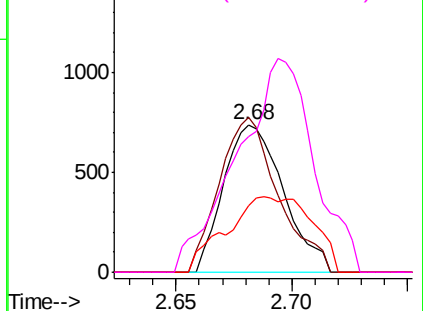
#20
Methylene Chloride
Concen: 0.697 ug/l
RT: 2.68 min Scan# 469
Delta R.T. -0.02 min
Lab File: VU028915.D
Acq: 22 Dec 2018 15:24

Instrument :
MSVOA_U
ClientSampleId :
P001-SS013B-4248-01ME

Tgt Ion: 84 Resp: 1324
Ion Ratio Lower Upper
84 100
49 104.9 114.0 171.0#
51 45.5 35.1 52.7
86 69.0 51.0 76.6

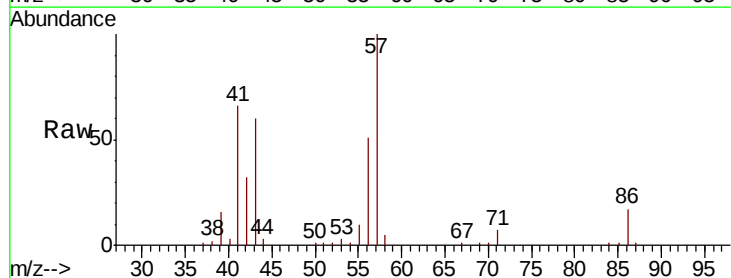


Abundance Ion 83.90 (83.60 to 84.60): VU0
Ion 48.90 (48.60 to 49.60): VU0
Ion 50.90 (50.60 to 51.60): VU0
Ion 85.90 (85.60 to 86.60): VU0

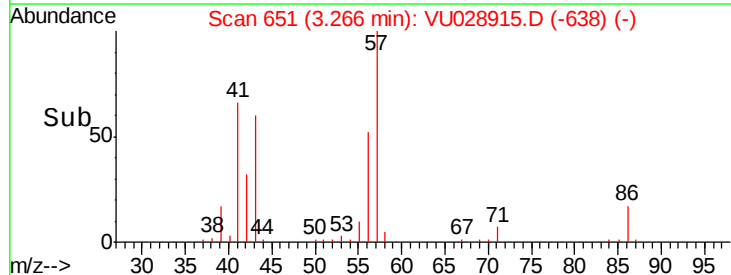
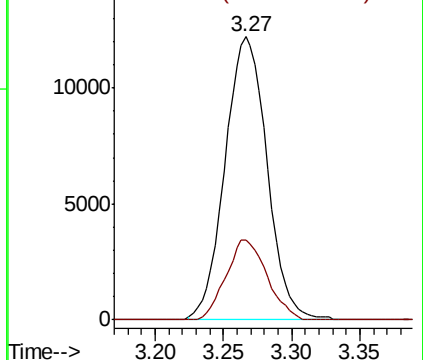


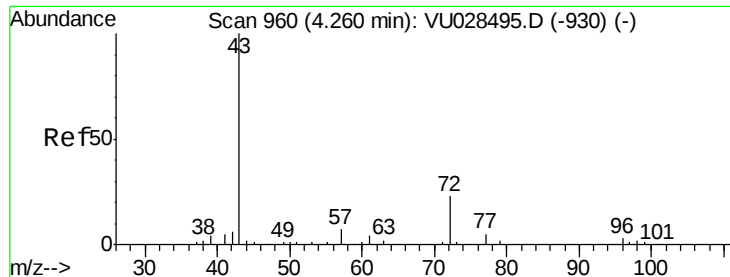
#23
Vinyl Acetate
Concen: 4.780 ug/l
RT: 3.27 min Scan# 651
Delta R.T. -0.26 min
Lab File: VU028915.D
Acq: 22 Dec 2018 15:24

Tgt Ion: 43 Resp: 26133
Ion Ratio Lower Upper
43 100
86 28.2 6.8 10.2#



Abundance Ion 43.00 (42.70 to 43.70): VU0
Ion 86.00 (85.70 to 86.70): VU0





#25

2-Butanone

Concen: 0.516 ug/l

RT: 4.19 min Scan# 939

Delta R.T. -0.07 min

Lab File: VU028915.D

Acq: 22 Dec 2018 15:24

Instrument :

MSVOA_U

ClientSampleId :

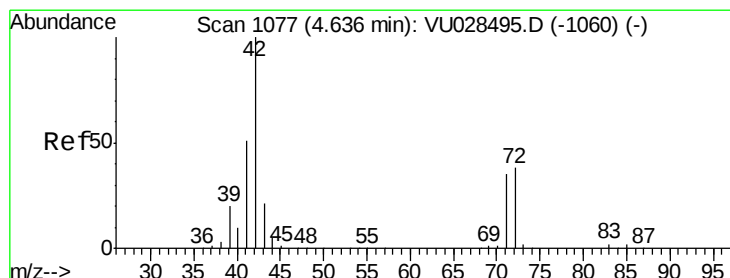
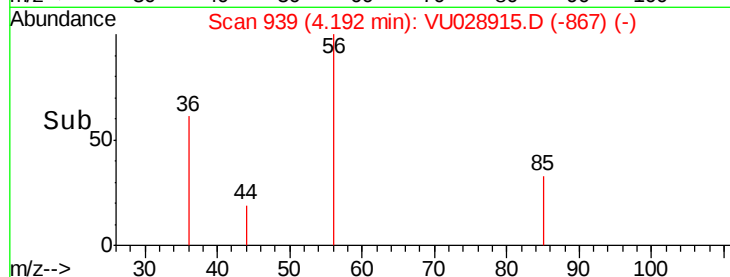
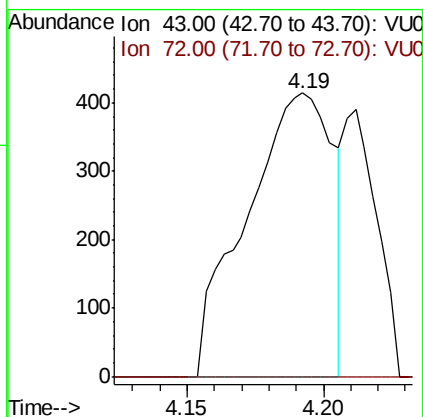
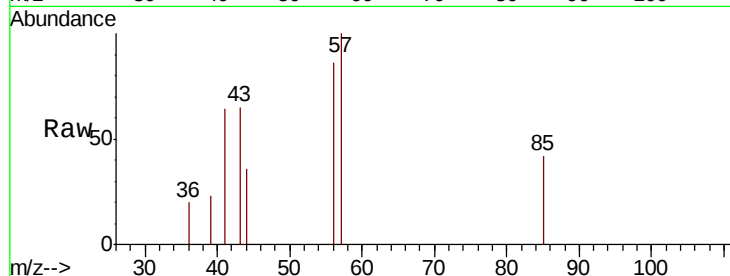
P001-SS013B-4248-01ME

Tgt Ion: 43 Resp: 909

Ion Ratio Lower Upper

43 100

72 0.0 18.6 28.0#



#29

Tetrahydrofuran

Concen: 0.353 ug/l

RT: 4.67 min Scan# 1089

Delta R.T. 0.04 min

Lab File: VU028915.D

Acq: 22 Dec 2018 15:24

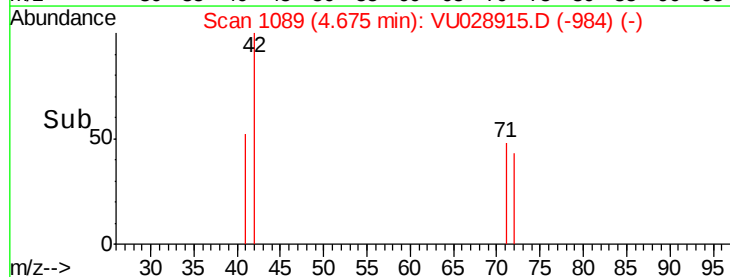
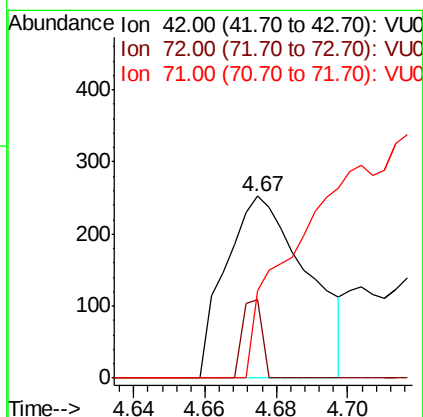
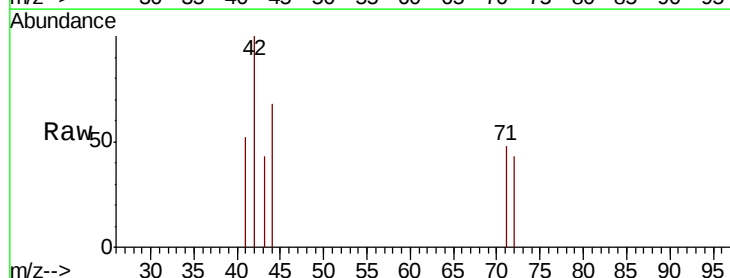
Tgt Ion: 42 Resp: 399

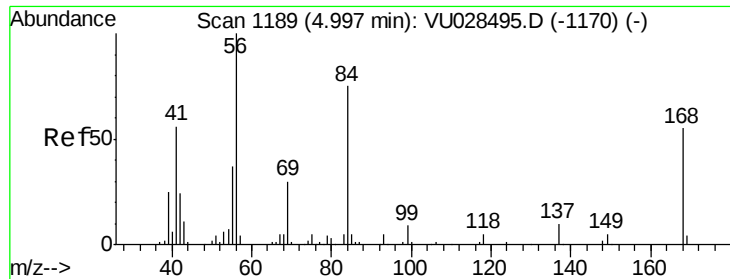
Ion Ratio Lower Upper

42 100

72 10.3 31.4 47.0#

71 0.0 28.6 43.0#

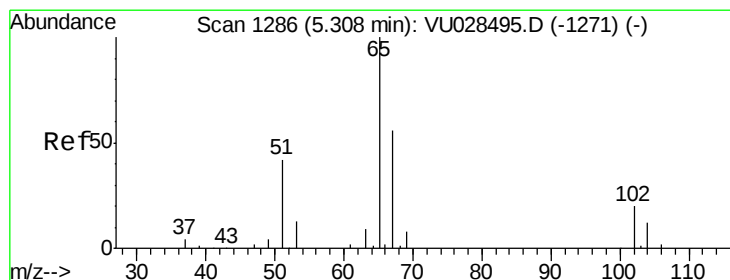
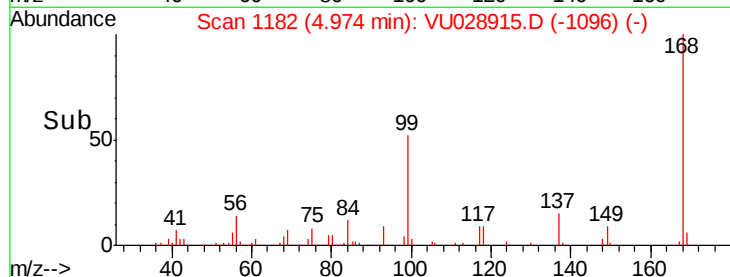
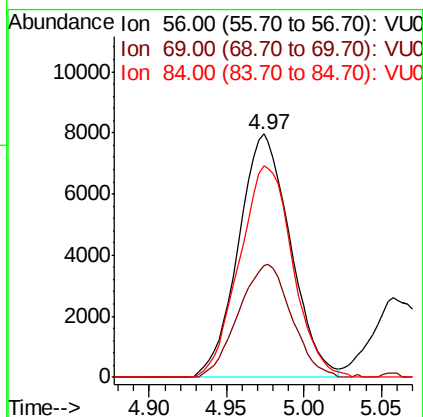
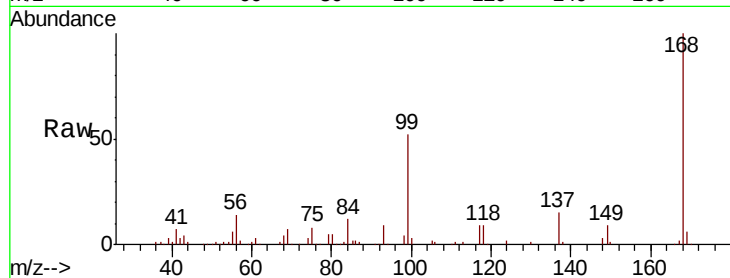




#31
Cyclohexane
Concen: 4.403 ug/l
RT: 4.97 min Scan# 1182
Delta R.T. -0.02 min
Lab File: VU028915.D
Acq: 22 Dec 2018 15:24

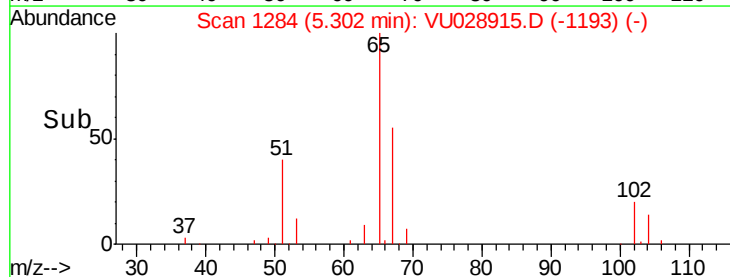
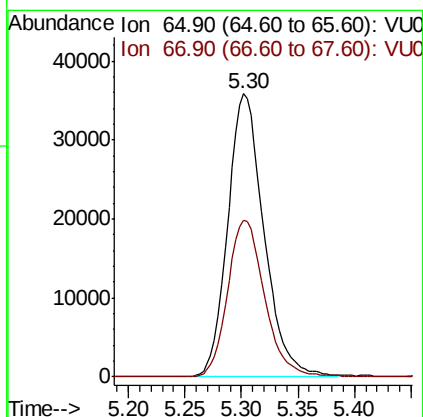
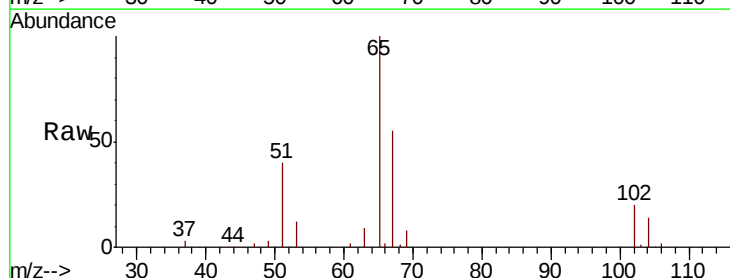
Instrument :
MSVOA_U
ClientSampleId :
P001-SS013B-4248-01ME

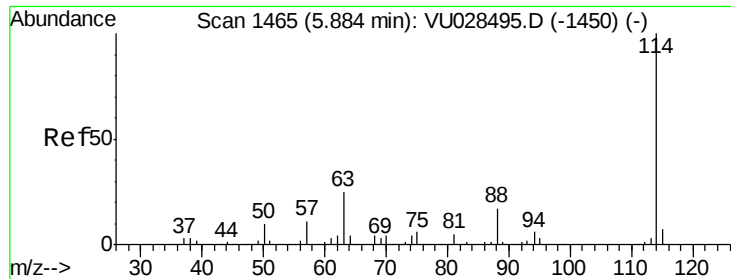
Tgt Ion: 56 Resp: 18603
Ion Ratio Lower Upper
56 100
69 45.8 24.0 36.0#
84 86.7 59.7 89.5



#33
1,2-Dichloroethane-d4
Concen: 40.516 ug/l
RT: 5.30 min Scan# 1284
Delta R.T. -0.01 min
Lab File: VU028915.D
Acq: 22 Dec 2018 15:24

Tgt Ion: 65 Resp: 80010
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# 1464

Delta R.T. -0.00 min

Lab File: VU028915.D

Acq: 22 Dec 2018 15:24

Instrument :

MSVOA_U

ClientSampleId :

P001-SS013B-4248-01ME

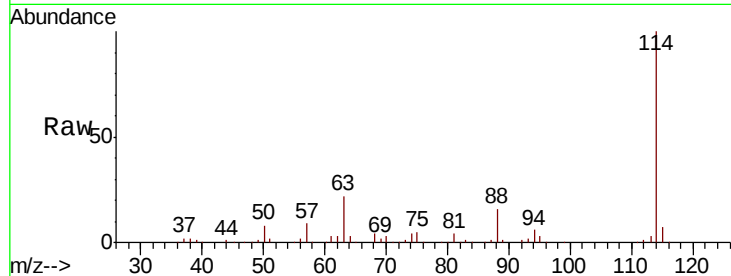
Tgt Ion:114 Resp: 216968

Ion Ratio Lower Upper

114 100

63 21.6 0.0 49.2

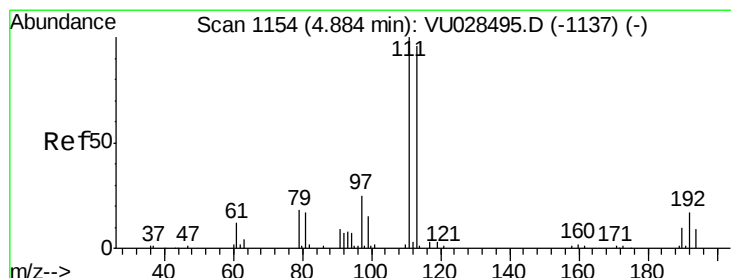
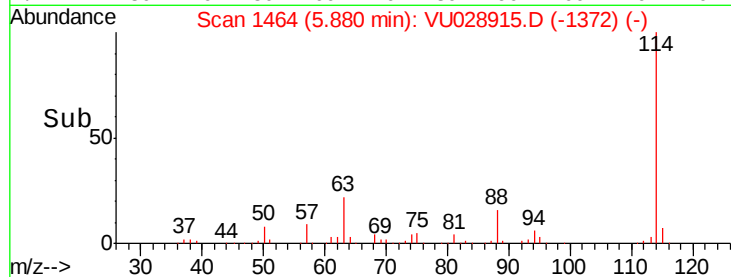
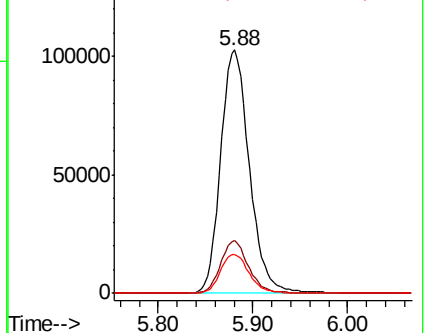
88 16.1 0.0 33.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VU0

Ion 87.90 (87.60 to 88.60): VU0



#35

Dibromofluoromethane

Concen: 50.019 ug/l

RT: 4.88 min Scan# 1152

Delta R.T. -0.01 min

Lab File: VU028915.D

Acq: 22 Dec 2018 15:24

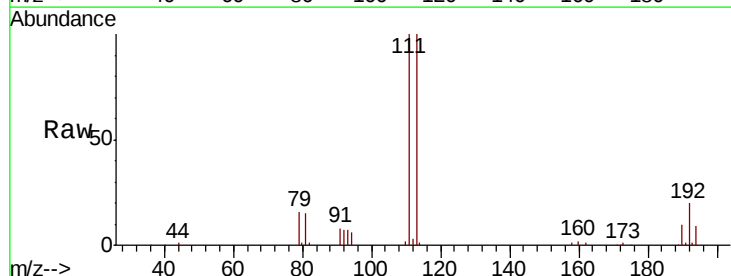
Tgt Ion:113 Resp: 68296

Ion Ratio Lower Upper

113 100

111 104.2 83.4 125.0

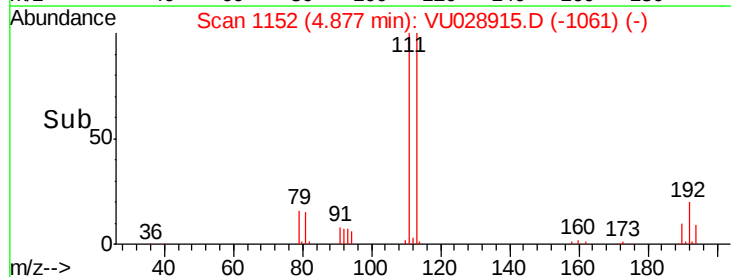
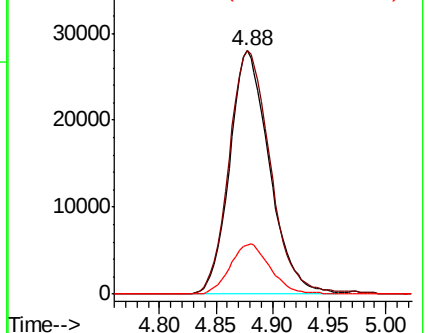
192 20.8 14.8 22.2

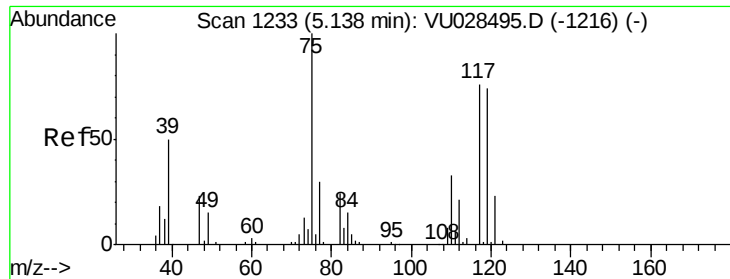


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 4.639 ug/l

RT: 4.97 min Scan# 1182

Delta R.T. -0.16 min

Lab File: VU028915.D

Acq: 22 Dec 2018 15:24

Instrument :

MSVOA_U

ClientSampleId :

P001-SS013B-4248-01ME

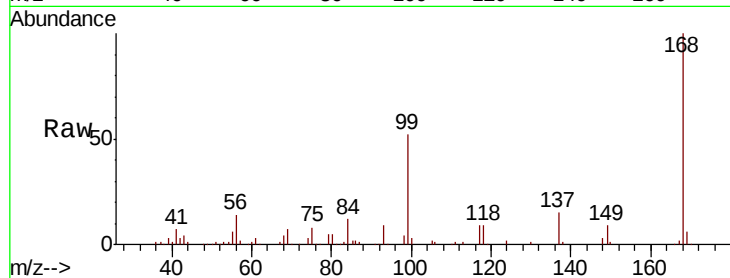
Tgt Ion: 75 Resp: 11014

Ion Ratio Lower Upper

75 100

110 4.8 16.1 48.2#

77 0.9 24.5 36.7#



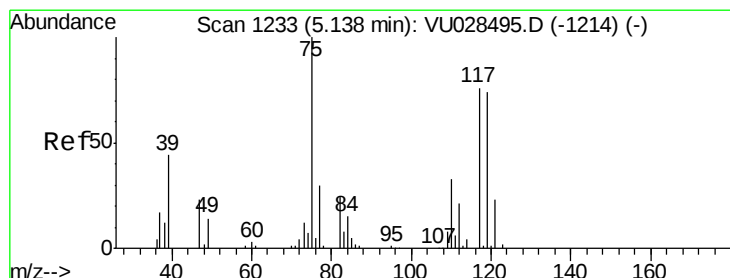
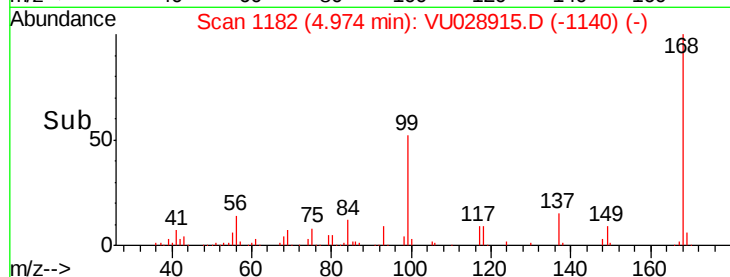
Abundance Ion 74.90 (74.60 to 75.60): VU028915.D (-1140) (-)

Ion 109.90 (109.60 to 110.60): VU028915.D (-1140) (-)

Ion 76.90 (76.60 to 77.60): VU028915.D (-1140) (-)

4.97

Time-->



#38

Carbon Tetrachloride

Concen: 6.027 ug/l

RT: 4.97 min Scan# 1182

Delta R.T. -0.16 min

Lab File: VU028915.D

Acq: 22 Dec 2018 15:24

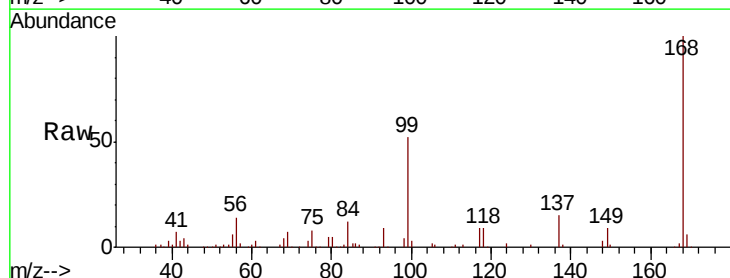
Tgt Ion: 117 Resp: 11533

Ion Ratio Lower Upper

117 100

119 5.3 77.6 116.4#

121 0.0 24.6 36.8#



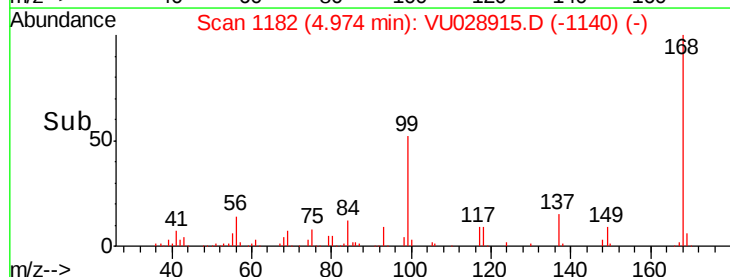
Abundance Ion 116.80 (116.50 to 117.50): VU028915.D (-1140) (-)

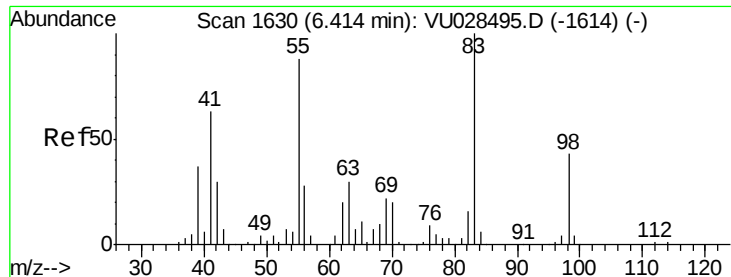
Ion 118.80 (118.50 to 119.50): VU028915.D (-1140) (-)

Ion 120.80 (120.50 to 121.50): VU028915.D (-1140) (-)

4.97

Time-->

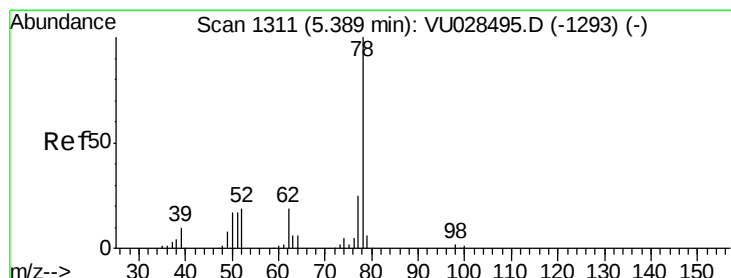
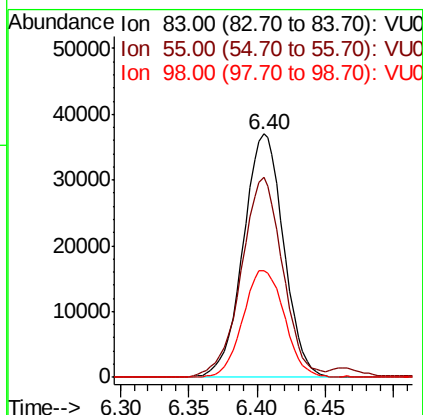
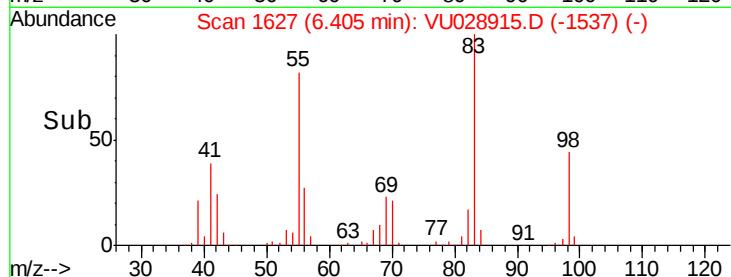
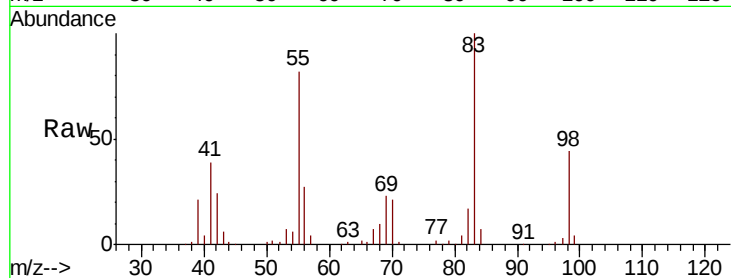




#39
Methylcyclohexane
Concen: 26.263 ug/l
RT: 6.40 min Scan# 1627
Delta R.T. -0.01 min
Lab File: VU028915.D
Acq: 22 Dec 2018 15:24

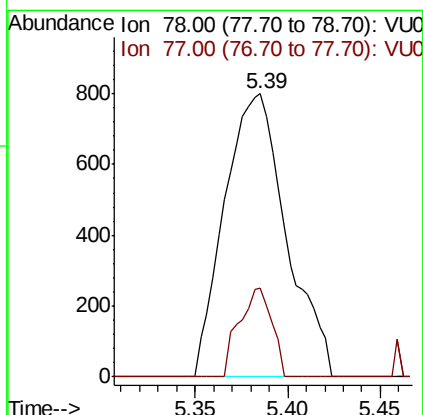
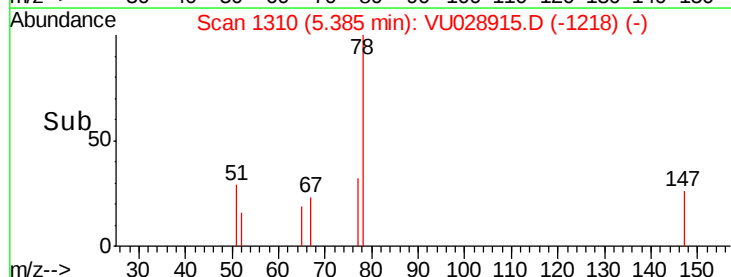
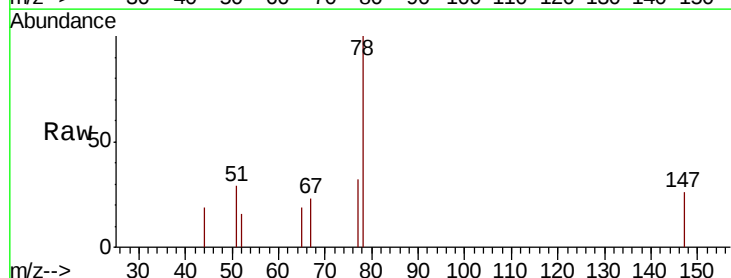
Instrument :
MSVOA_U
ClientSampleId :
P001-SS013B-4248-01ME

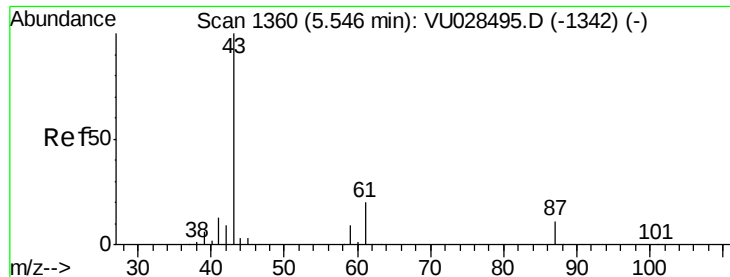
Tgt Ion: 83 Resp: 76072
Ion Ratio Lower Upper
83 100
55 81.6 70.2 105.2
98 43.9 34.2 51.4



#40
Benzene
Concen: 0.266 ug/l
RT: 5.39 min Scan# 1310
Delta R.T. -0.00 min
Lab File: VU028915.D
Acq: 22 Dec 2018 15:24

Tgt Ion: 78 Resp: 1857
Ion Ratio Lower Upper
78 100
77 31.5 19.9 29.9#





#43

Isopropyl Acetate

Concen: 0.279 ug/l

RT: 5.54 min Scan# 1358

Delta R.T. -0.01 min

Lab File: VU028915.D

Acq: 22 Dec 2018 15:24

Instrument :

MSVOA_U

ClientSampleId :

P001-SS013B-4248-01ME

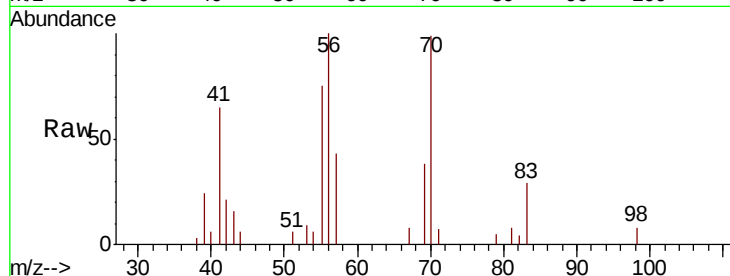
Tgt Ion: 43 Resp: 1355

Ion Ratio Lower Upper

43 100

61 0.0 15.5 23.3#

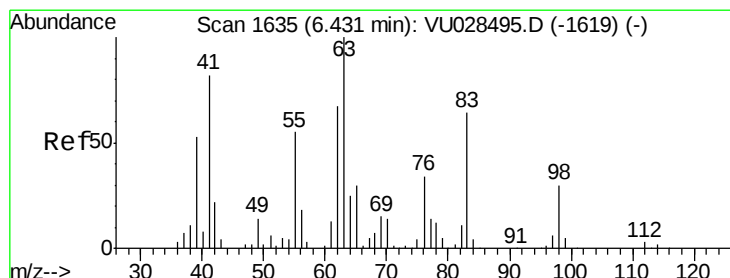
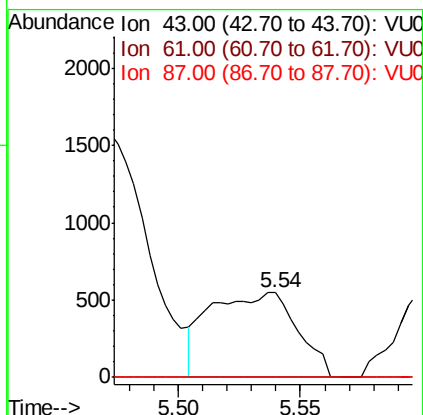
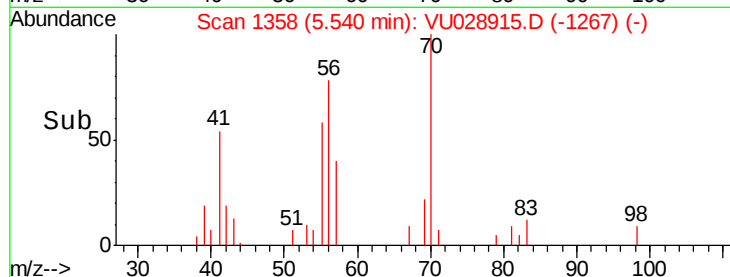
87 0.0 8.7 13.1#



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 87.00 (86.70 to 87.70): VU0



#45

1,2-Dichloropropane

Concen: 0.299 ug/l

RT: 6.40 min Scan# 1625

Delta R.T. -0.03 min

Lab File: VU028915.D

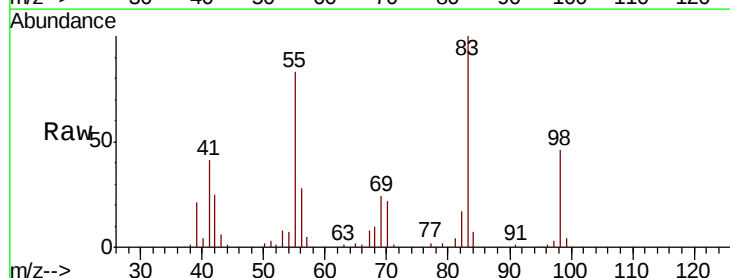
Acq: 22 Dec 2018 15:24

Tgt Ion: 63 Resp: 587

Ion Ratio Lower Upper

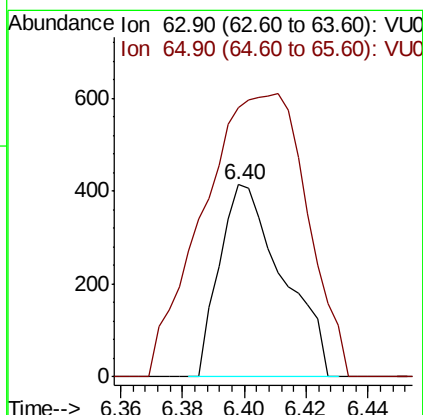
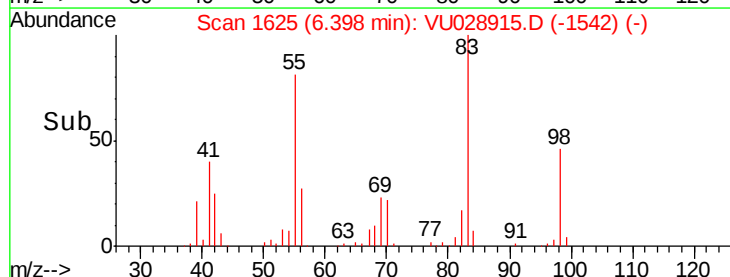
63 100

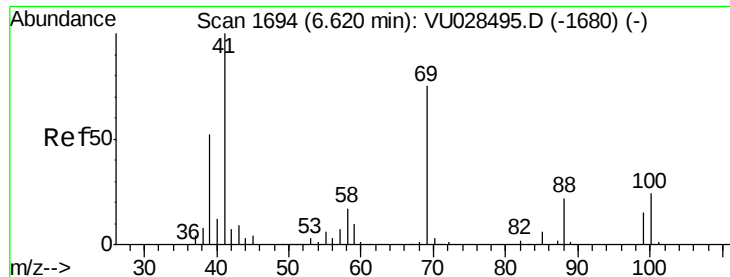
65 113.3 24.2 36.4#



Abundance Ion 62.90 (62.60 to 63.60): VU0

Ion 64.90 (64.60 to 65.60): VU0

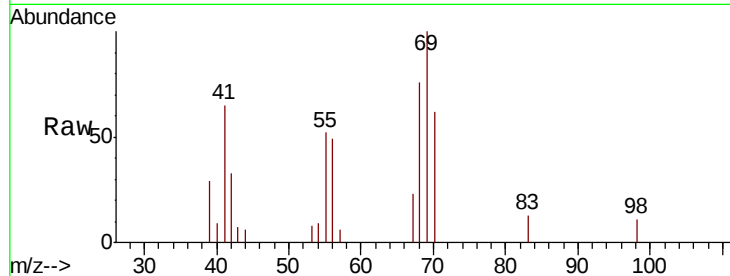




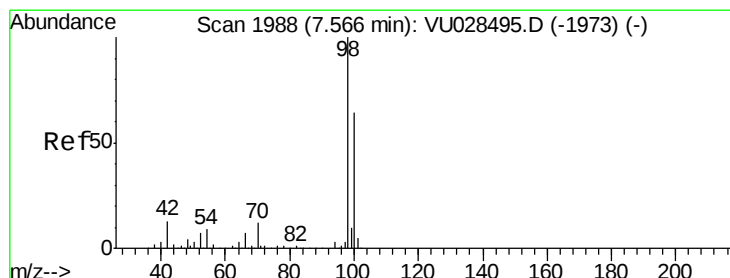
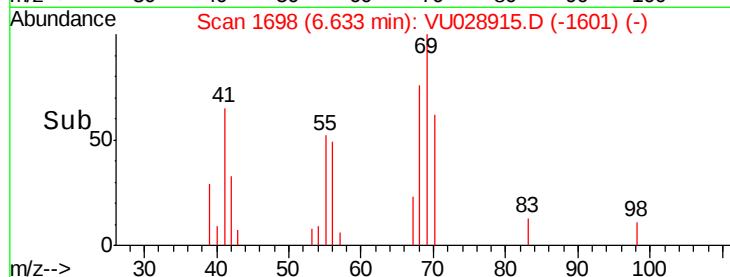
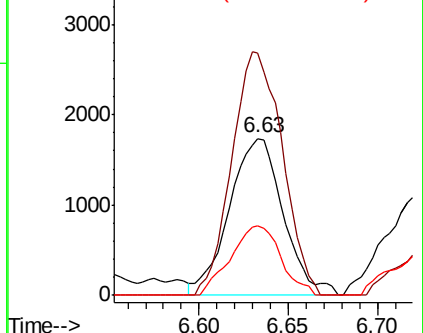
#48
Methyl methacrylate
Concen: 1.516 ug/l
RT: 6.63 min Scan# 1698
Delta R.T. 0.01 min
Lab File: VU028915.D
Acq: 22 Dec 2018 15:24

Instrument :
MSVOA_U
ClientSampleId :
P001-SS013B-4248-01ME

Tgt Ion: 41 Resp: 3659
Ion Ratio Lower Upper
41 100
69 145.2 60.4 90.6#
39 41.0 41.1 61.7#

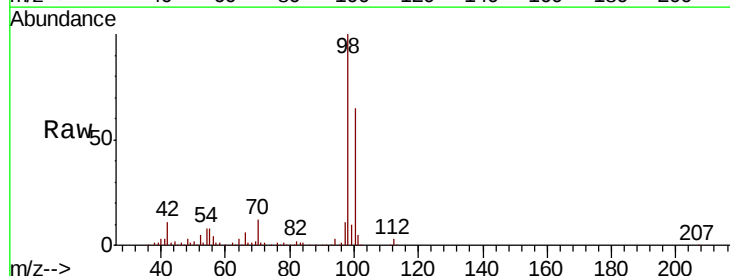


Abundance Ion 41.00 (40.70 to 41.70): VU0
Ion 69.00 (68.70 to 69.70): VU0
Ion 39.00 (38.70 to 39.70): VU0

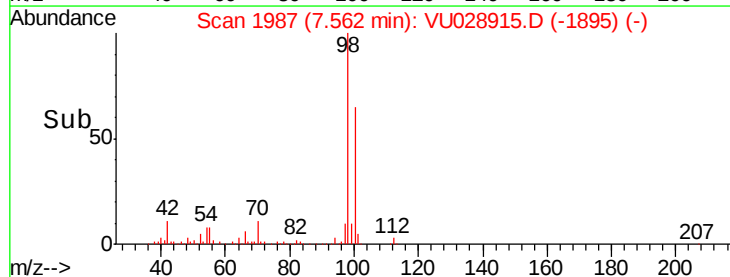
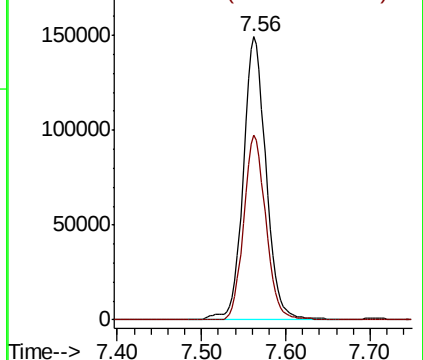


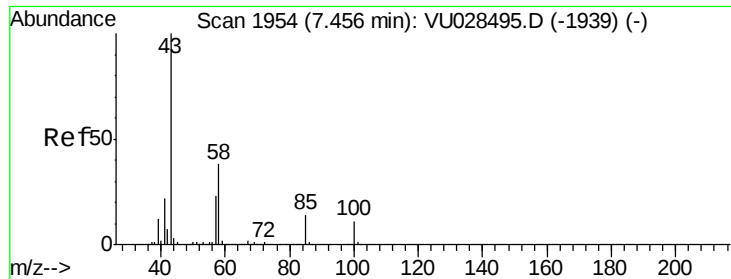
#50
Toluene-d8
Concen: 52.213 ug/l
RT: 7.56 min Scan# 1987
Delta R.T. -0.00 min
Lab File: VU028915.D
Acq: 22 Dec 2018 15:24

Tgt Ion: 98 Resp: 282018
Ion Ratio Lower Upper
98 100
100 63.7 51.0 76.6



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

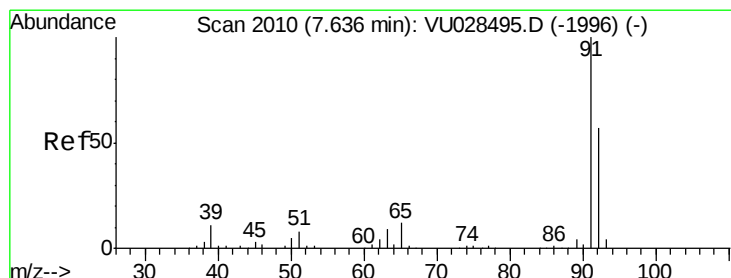
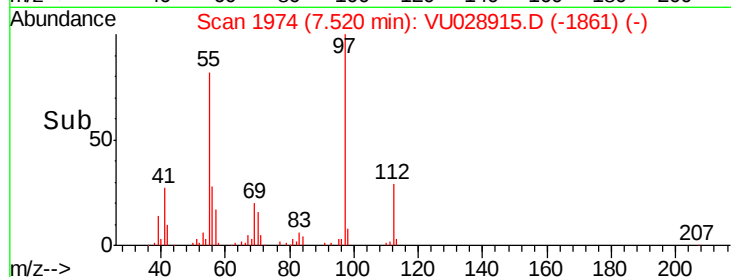
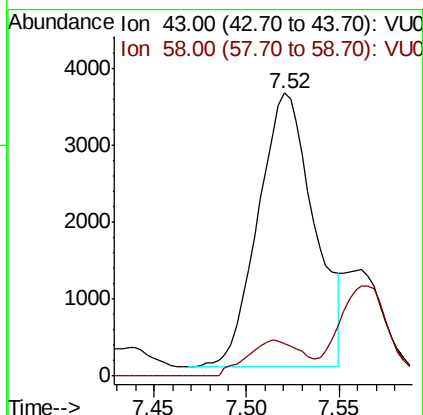
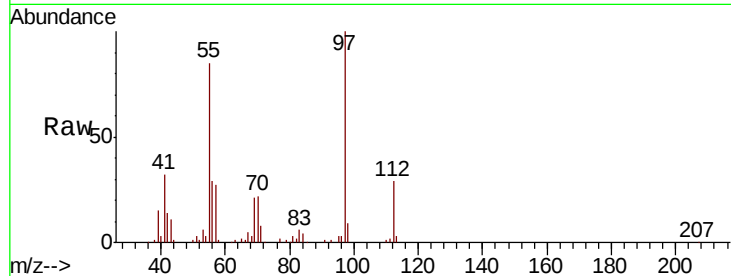




#51
 4-Methyl-2-Pentanone
 Concen: 2.451 ug/l
 RT: 7.52 min Scan# 1974
 Delta R.T. 0.06 min
 Lab File: VU028915.D
 Acq: 22 Dec 2018 15:24

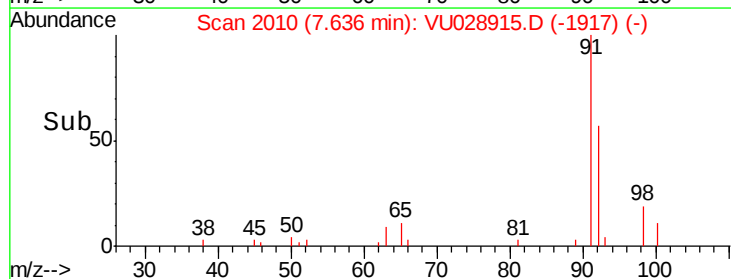
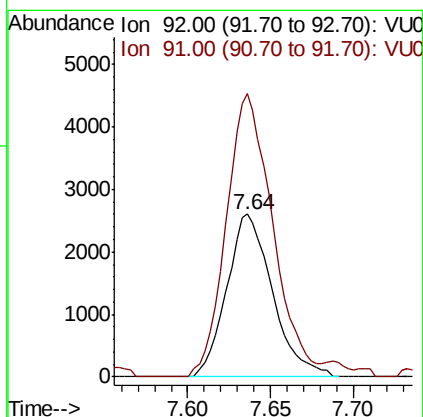
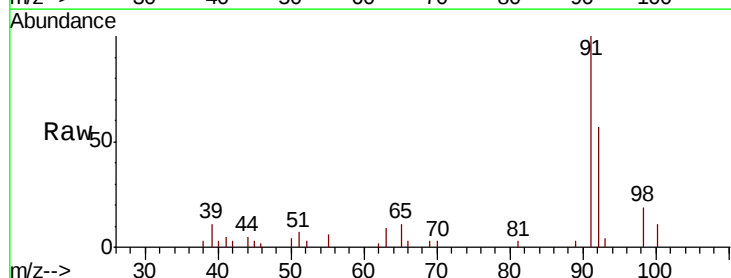
Instrument :
 MSVOA_U
 ClientSampleId :
 P001-SS013B-4248-01ME

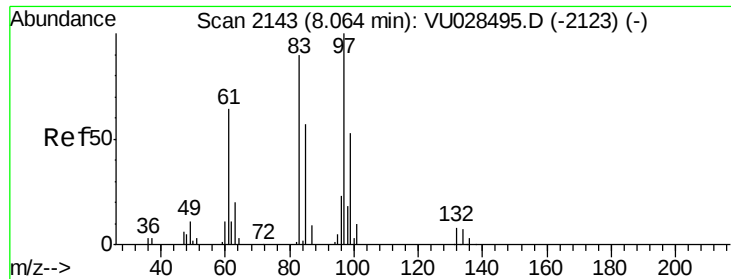
Tgt Ion: 43 Resp: 7504
 Ion Ratio Lower Upper
 43 100
 58 12.8 30.2 45.2#



#52
 Toluene
 Concen: 1.213 ug/l
 RT: 7.64 min Scan# 2010
 Delta R.T. -0.00 min
 Lab File: VU028915.D
 Acq: 22 Dec 2018 15:24

Tgt Ion: 92 Resp: 4993
 Ion Ratio Lower Upper
 92 100
 91 176.5 140.2 210.4

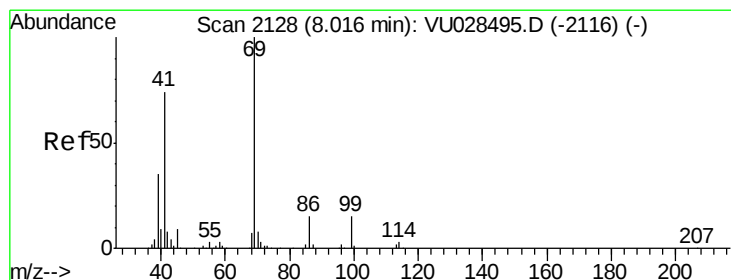
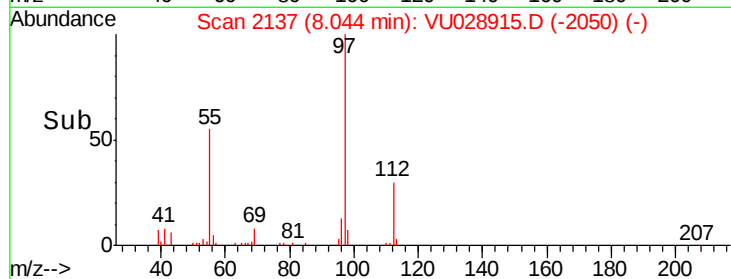
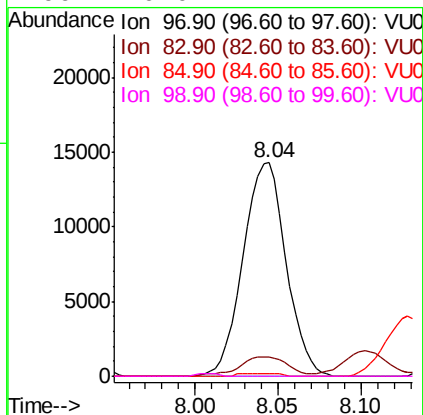
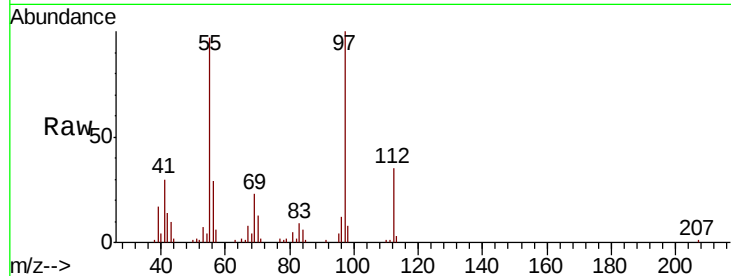




#55
 1,1,2-Trichloroethane
 Concen: 15.857 ug/l
 RT: 8.04 min Scan# 2137
 Delta R.T. -0.02 min
 Lab File: VU028915.D
 Acq: 22 Dec 2018 15:24

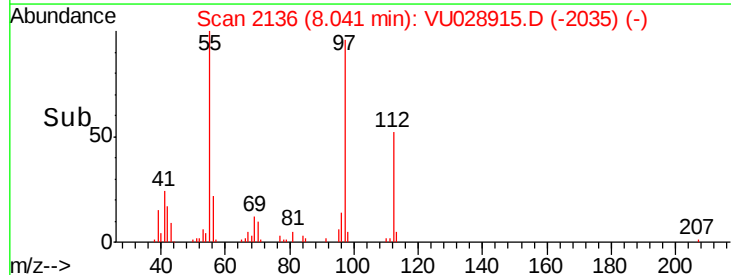
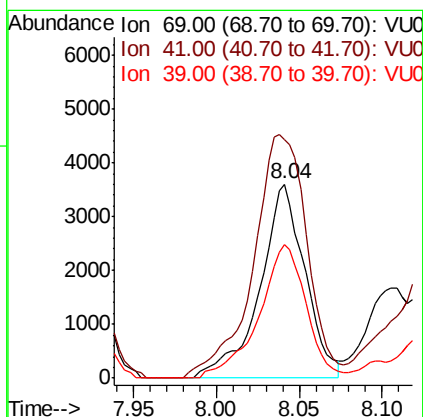
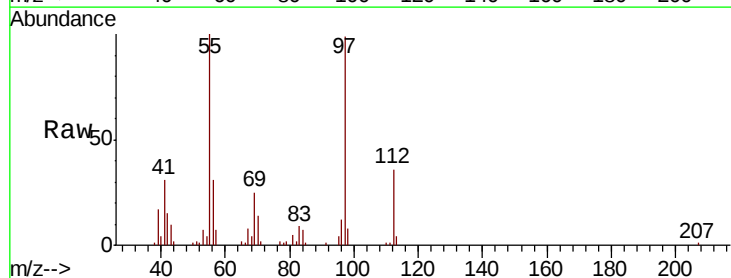
Instrument :
 MSVOA_U
 ClientSampleId :
 P001-SS013B-4248-01ME

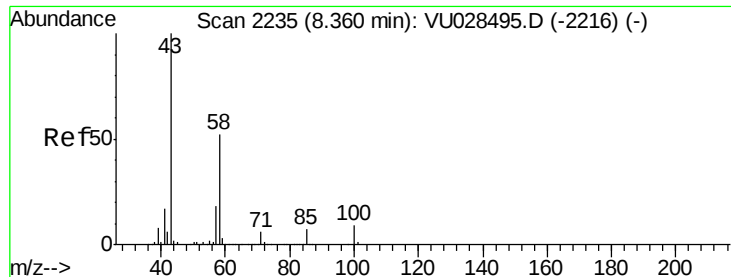
Tgt Ion: 97 Resp: 25796
 Ion Ratio Lower Upper
 97 100
 83 8.8 72.4 108.6#
 85 1.3 46.0 69.0#
 99 0.0 47.4 71.2#



#56
 Ethyl methacrylate
 Concen: 2.462 ug/l
 RT: 8.04 min Scan# 2136
 Delta R.T. 0.03 min
 Lab File: VU028915.D
 Acq: 22 Dec 2018 15:24

Tgt Ion: 69 Resp: 6859
 Ion Ratio Lower Upper
 69 100
 41 148.7 59.1 88.7#
 39 71.7 28.4 42.6#

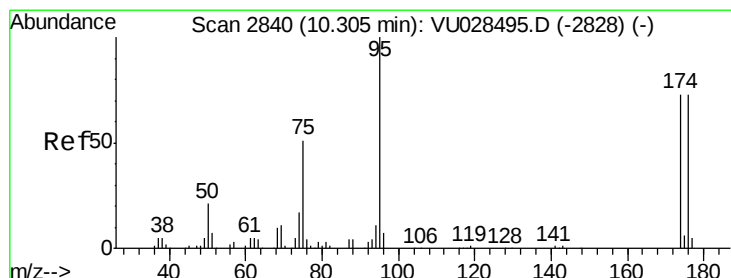
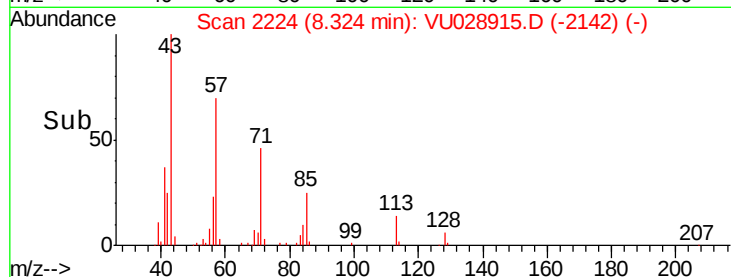
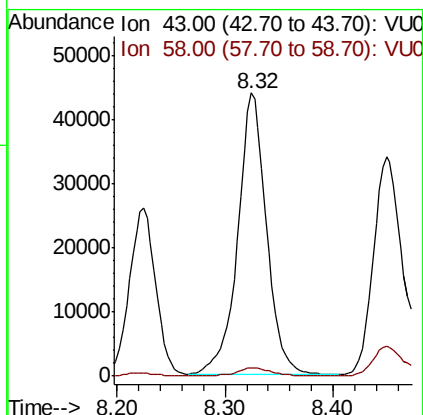
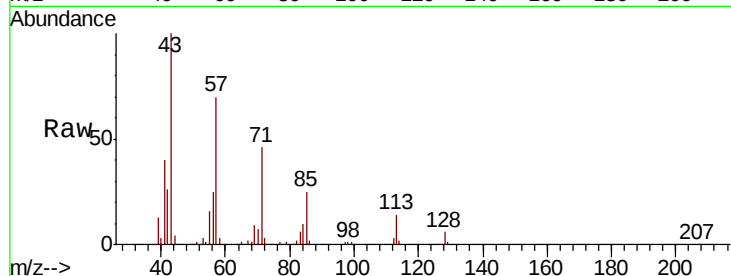




#59
 2-Hexanone
 Concen: 33.734 ug/l
 RT: 8.32 min Scan# 2224
 Delta R.T. -0.04 min
 Lab File: VU028915.D
 Acq: 22 Dec 2018 15:24

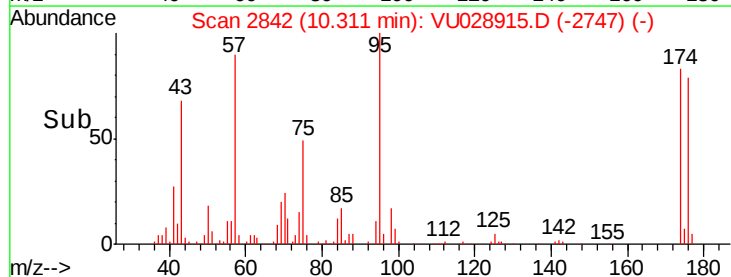
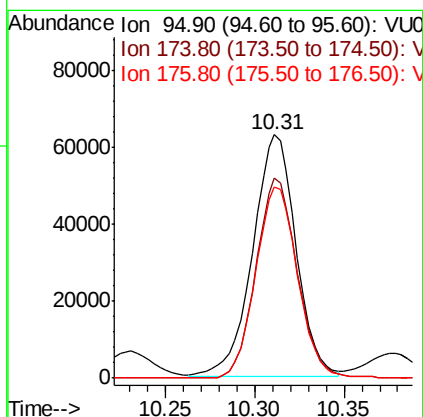
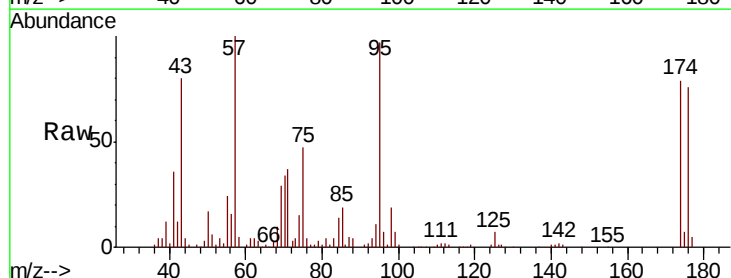
Instrument :
 MSVOA_U
 ClientSampleId :
 P001-SS013B-4248-01ME

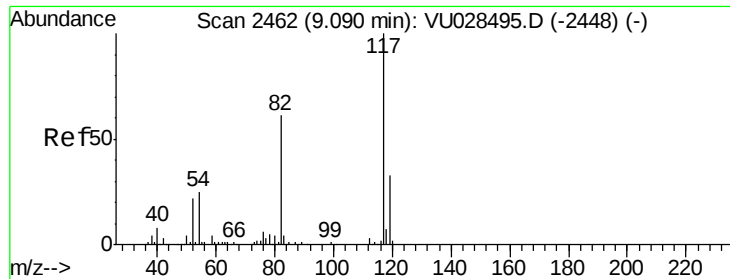
Tgt Ion: 43 Resp: 81866
 Ion Ratio Lower Upper
 43 100
 58 3.4 25.9 77.6#



#62
 4-Bromofluorobenzene
 Concen: 52.689 ug/l
 RT: 10.31 min Scan# 2842
 Delta R.T. 0.01 min
 Lab File: VU028915.D
 Acq: 22 Dec 2018 15:24

Tgt Ion: 95 Resp: 106368
 Ion Ratio Lower Upper
 95 100
 174 79.4 0.0 150.4
 176 77.1 0.0 145.2

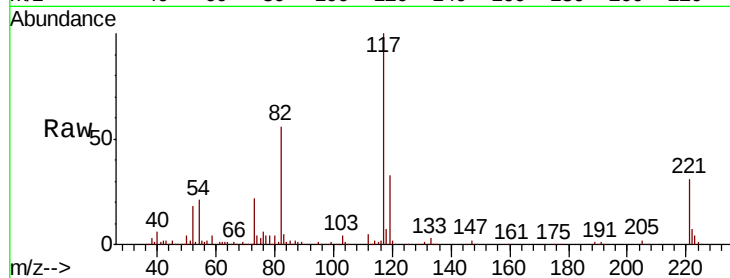




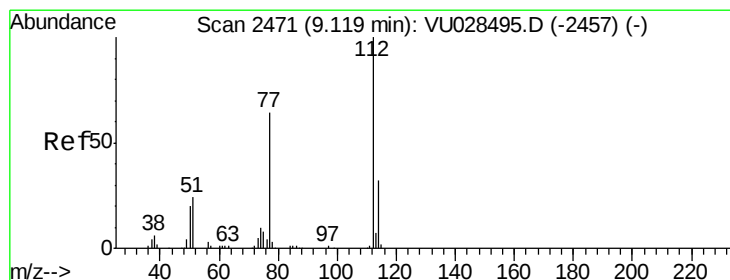
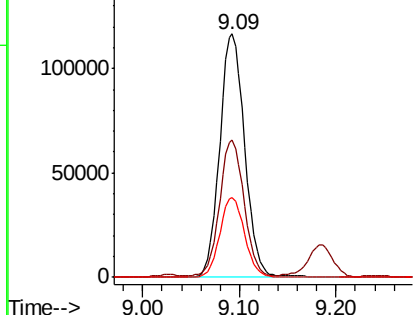
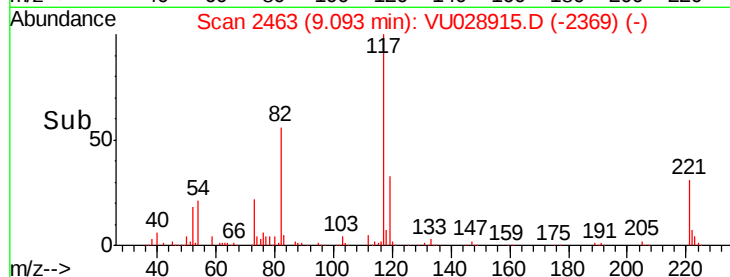
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2463
Delta R.T. 0.00 min
Lab File: VU028915.D
Acq: 22 Dec 2018 15:24

Instrument :
MSVOA_U
ClientSampleId :
P001-SS013B-4248-01ME

Tgt Ion:117 Resp: 208774
Ion Ratio Lower Upper
117 100
82 55.4 48.9 73.3
119 32.8 26.2 39.4

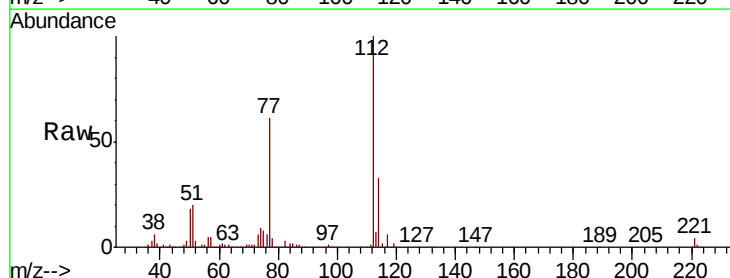


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VU0
Ion 118.90 (118.60 to 119.60): V

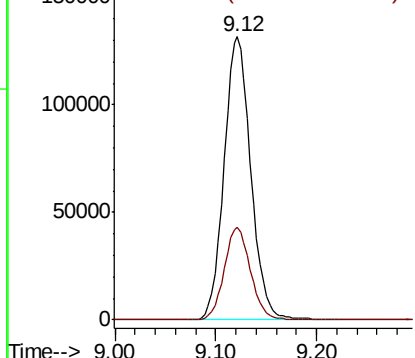
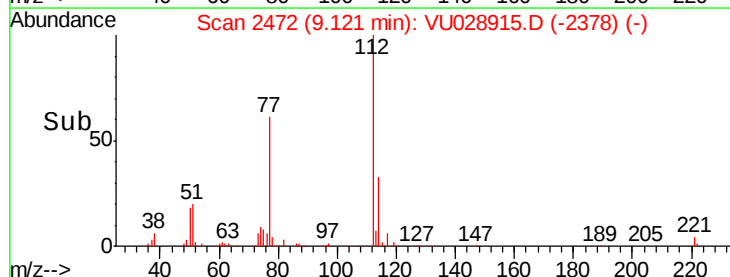


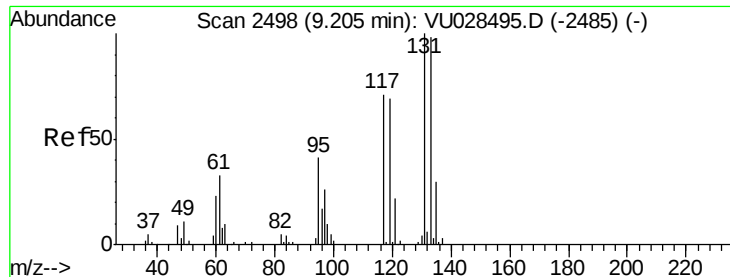
#65
Chlorobenzene
Concen: 54.643 ug/l
RT: 9.12 min Scan# 2472
Delta R.T. 0.00 min
Lab File: VU028915.D
Acq: 22 Dec 2018 15:24

Tgt Ion:112 Resp: 243094
Ion Ratio Lower Upper
112 100
114 32.8 25.3 37.9



Abundance Ion 111.90 (111.60 to 112.60): V
Ion 113.90 (113.60 to 114.60): V





#66

1,1,1,2-Tetrachloroethane

Concen: 1.505 ug/l

RT: 9.10 min Scan# 2465

Delta R.T. -0.11 min

Lab File: VU028915.D

Acq: 22 Dec 2018 15:24

Instrument :

MSVOA_U

ClientSampleId :

P001-SS013B-4248-01ME

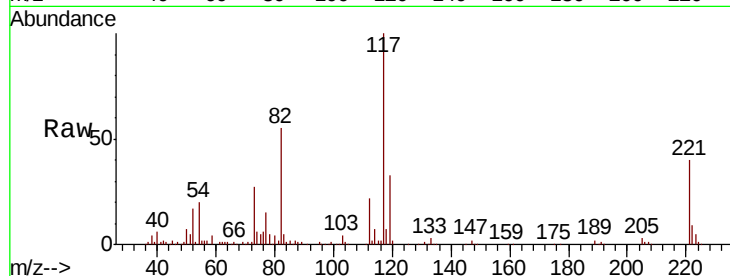
Tgt Ion:131 Resp: 2138

Ion Ratio Lower Upper

131 100

133 269.1 48.0 144.0#

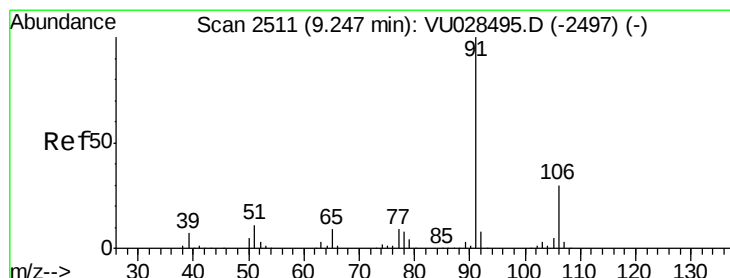
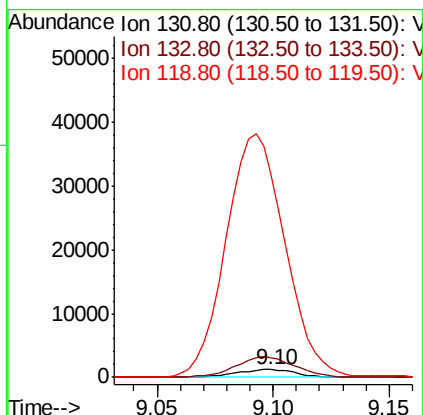
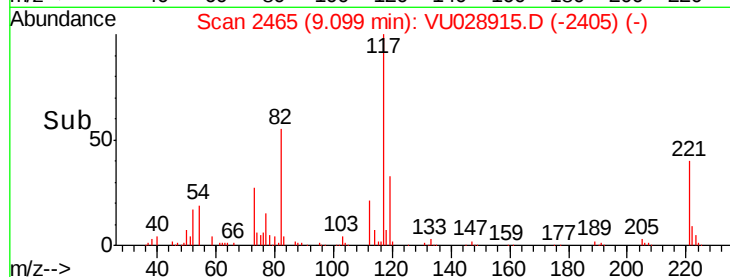
119 3178.8 34.6 103.9#



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V



#67

Ethyl Benzene

Concen: 138.584 ug/l

RT: 9.37 min Scan# 2550

Delta R.T. 0.13 min

Lab File: VU028915.D

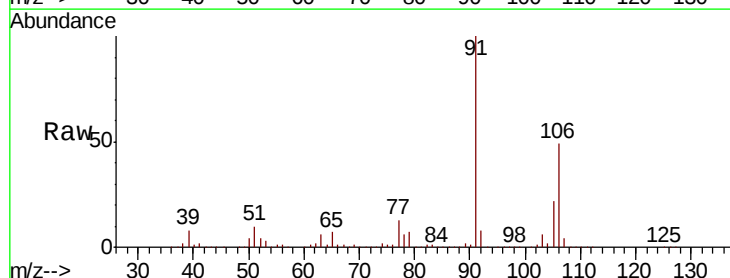
Acq: 22 Dec 2018 15:24

Tgt Ion: 91 Resp: 1133376

Ion Ratio Lower Upper

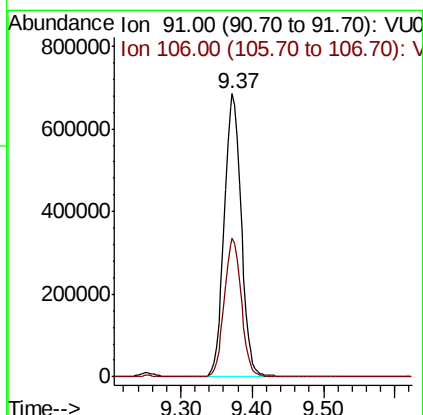
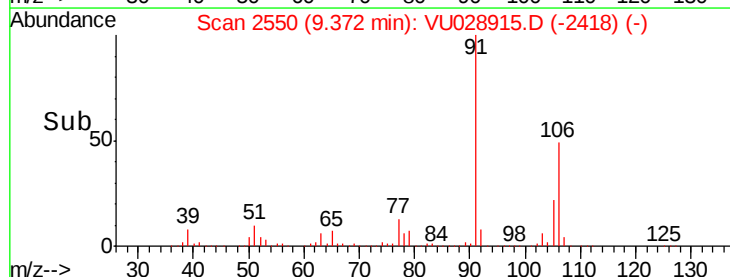
91 100

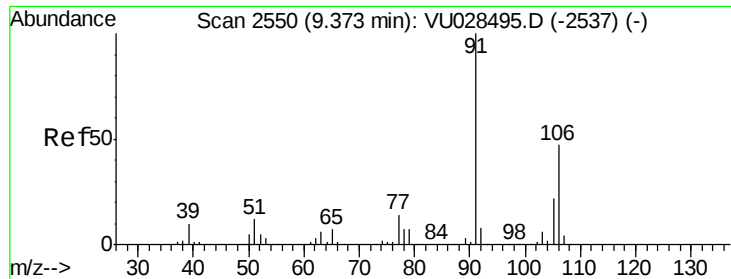
106 49.2 24.1 36.1#



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 106.00 (105.70 to 106.70): V

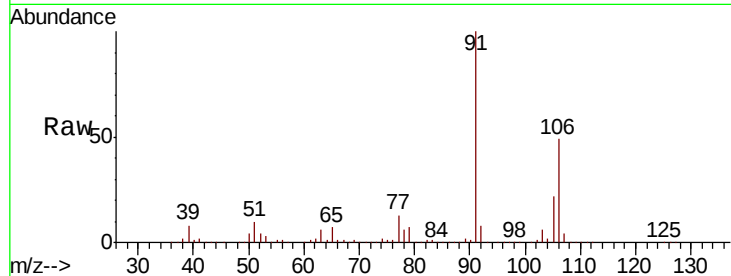




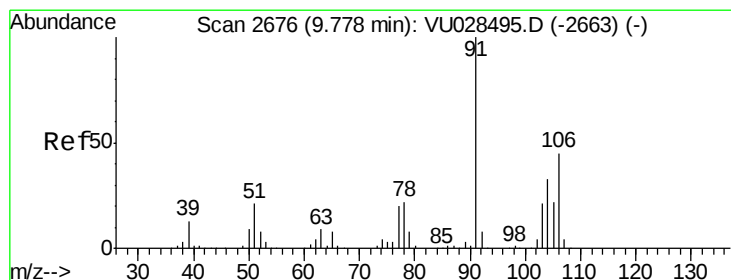
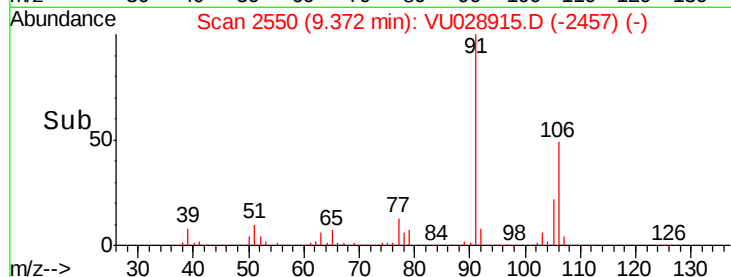
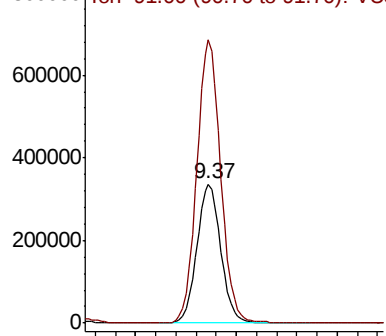
#68
m/p-Xylenes
Concen: 187.231 ug/l
RT: 9.37 min Scan# 2550
Delta R.T. -0.00 min
Lab File: VU028915.D
Acq: 22 Dec 2018 15:24

Instrument :
MSVOA_U
ClientSampleId :
P001-SS013B-4248-01ME

Tgt Ion:106 Resp: 557172
Ion Ratio Lower Upper
106 100
91 203.4 167.4 251.0

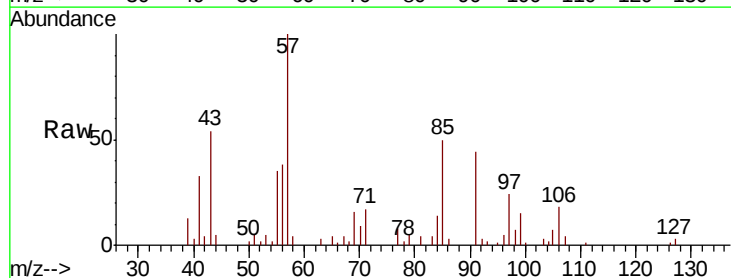


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0

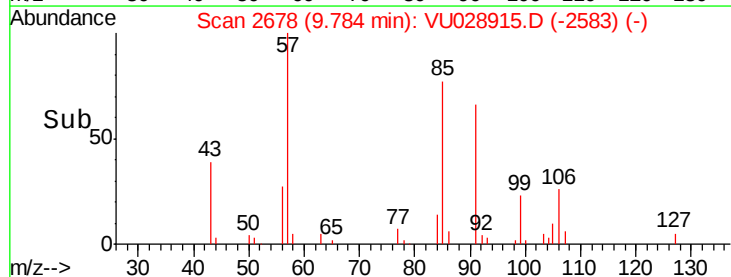
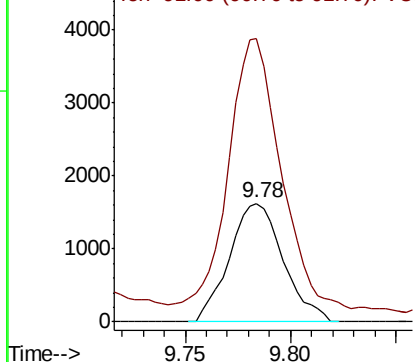


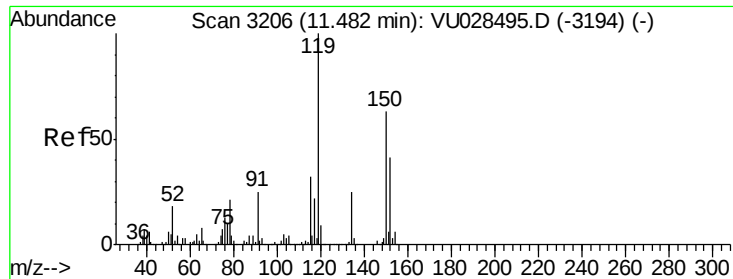
#69
o-Xylene
Concen: 0.996 ug/l
RT: 9.78 min Scan# 2678
Delta R.T. 0.01 min
Lab File: VU028915.D
Acq: 22 Dec 2018 15:24

Tgt Ion:106 Resp: 2881
Ion Ratio Lower Upper
106 100
91 230.4 111.3 334.0



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



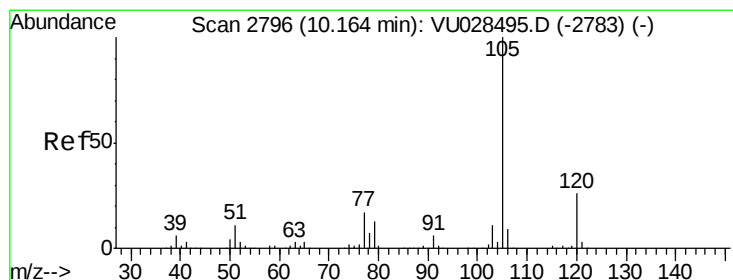
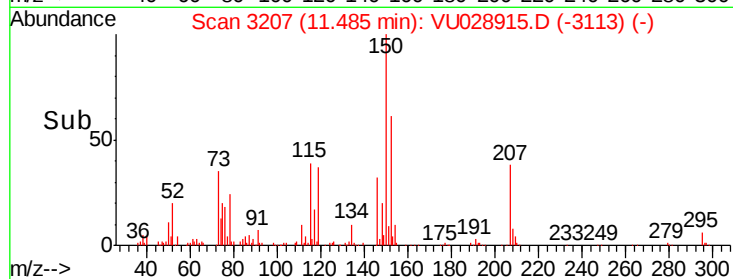
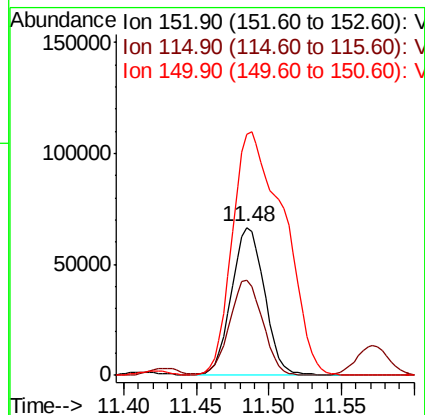
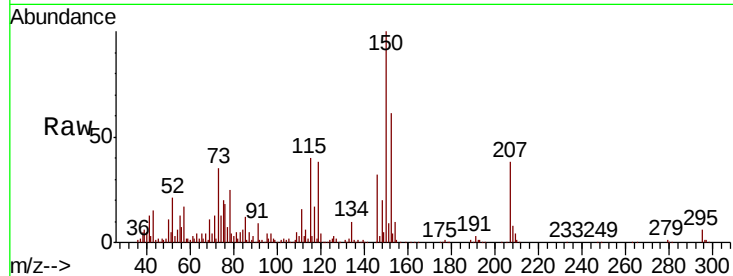


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.48 min Scan# 3207
Delta R.T. 0.00 min
Lab File: VU028915.D
Acq: 22 Dec 2018 15:24

Instrument :
MSVOA_U
ClientSampleId :
P001-SS013B-4248-01ME

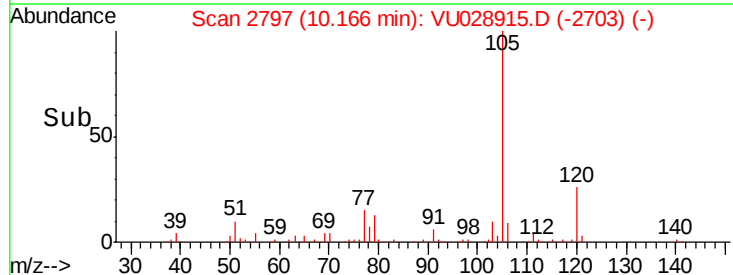
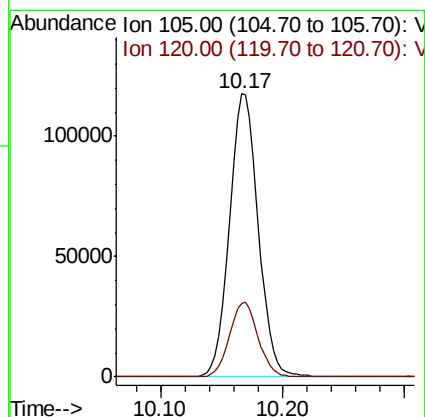
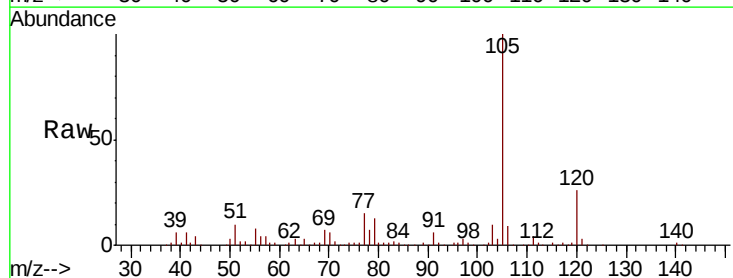
Tgt Ion:152 Resp: 106020
Ion Ratio Lower Upper
152 100
115 64.2 42.7 128.1
150 256.0 0.0 346.0

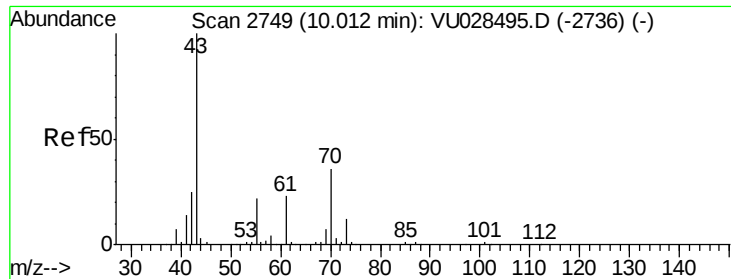


#73

Isopropylbenzene
Concen: 23.857 ug/l
RT: 10.17 min Scan# 2797
Delta R.T. 0.00 min
Lab File: VU028915.D
Acq: 22 Dec 2018 15:24

Tgt Ion:105 Resp: 194081
Ion Ratio Lower Upper
105 100
120 26.2 12.9 38.6





#74

N-ethyl acetate

Concen: 2.552 ug/l

RT: 10.01 min Scan# 2747

Delta R.T. -0.01 min

Lab File: VU028915.D

Acq: 22 Dec 2018 15:24

Instrument :

MSVOA_U

ClientSampleId :

P001-SS013B-4248-01ME

Tgt Ion: 43 Resp: 11974

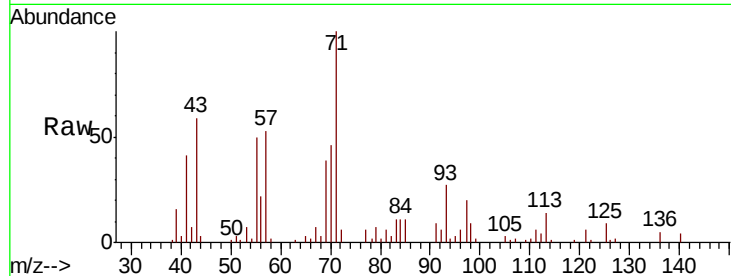
Ion Ratio Lower Upper

43 100

70 92.1 29.3 43.9#

55 0.0 18.0 27.0#

61 0.0 18.3 27.5#

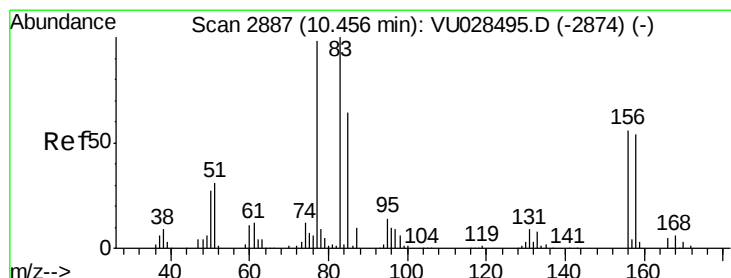
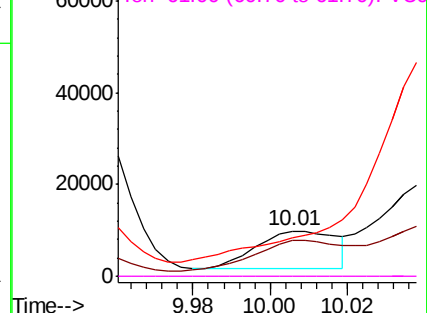
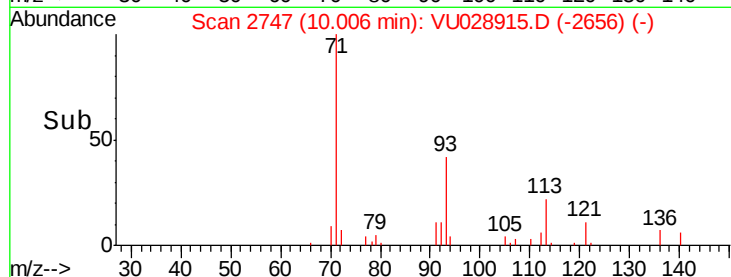


Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 70.00 (69.70 to 70.70): VU0

Ion 55.00 (54.70 to 55.70): VU0

Ion 61.00 (60.70 to 61.70): VU0



#75

1,1,2,2-Tetrachloroethane

Concen: 9.535 ug/l

RT: 10.49 min Scan# 2897

Delta R.T. 0.03 min

Lab File: VU028915.D

Acq: 22 Dec 2018 15:24

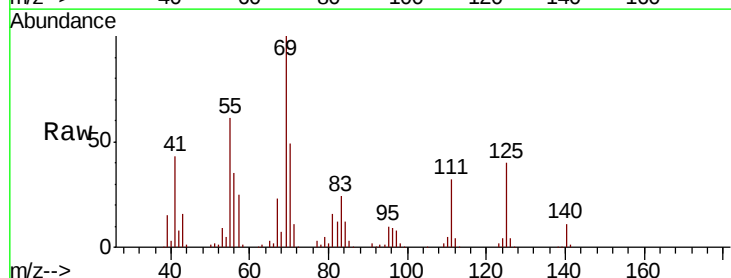
Tgt Ion: 83 Resp: 29799

Ion Ratio Lower Upper

83 100

131 0.0 4.2 12.4#

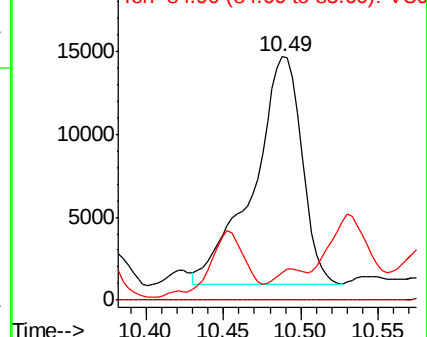
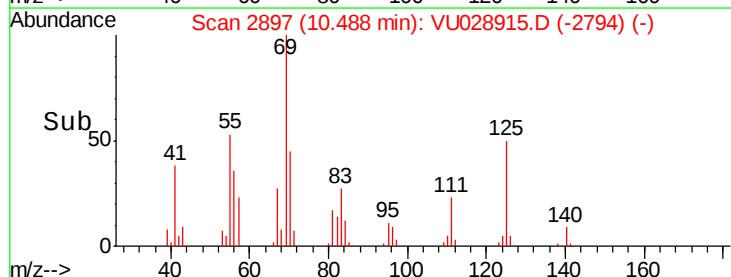
85 7.7 31.8 95.4#

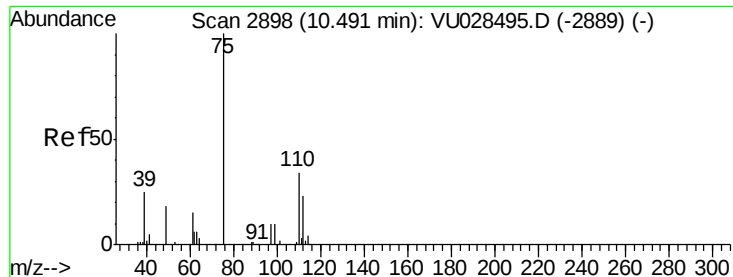


Abundance Ion 82.90 (82.60 to 83.60): VU0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VU0





#76

1,2,3-Trichloropropane

Concen: 64.302 ug/l

RT: 10.61 min Scan# 2936

Delta R.T. 0.12 min

Lab File: VU028915.D

Acq: 22 Dec 2018 15:24

Instrument :

MSVOA_U

ClientSampleId :

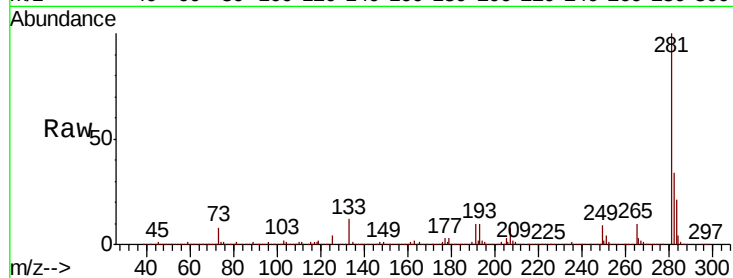
P001-SS013B-4248-01ME

Tgt Ion: 75 Resp: 174081

Ion Ratio Lower Upper

75 100

77 0.0 20.8 62.4#



Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 77.00 (76.70 to 77.70): VU0

120000

100000

80000

60000

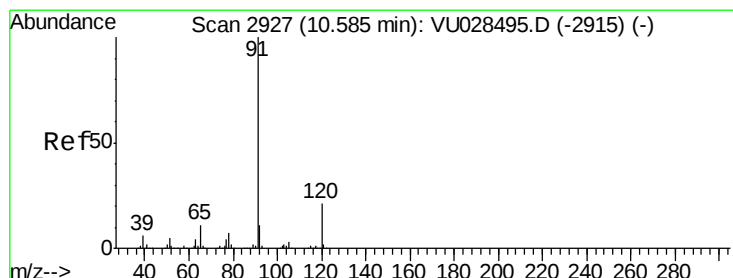
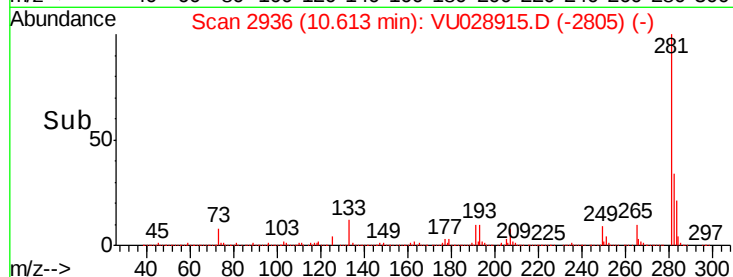
40000

20000

0

10.55 10.60 10.65

Time-->



#78

n-propylbenzene

Concen: 47.343 ug/l

RT: 10.59 min Scan# 2929

Delta R.T. 0.01 min

Lab File: VU028915.D

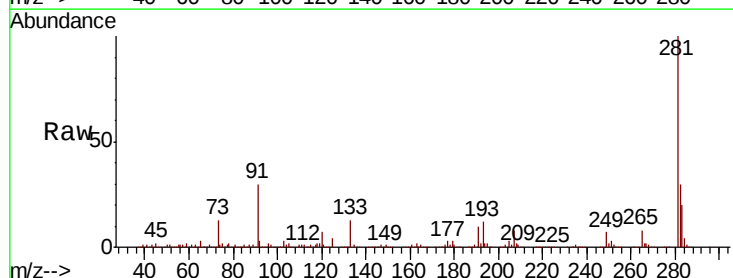
Acq: 22 Dec 2018 15:24

Tgt Ion: 91 Resp: 478588

Ion Ratio Lower Upper

91 100

120 28.3 10.6 31.8



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 120.00 (119.70 to 120.70): V

300000

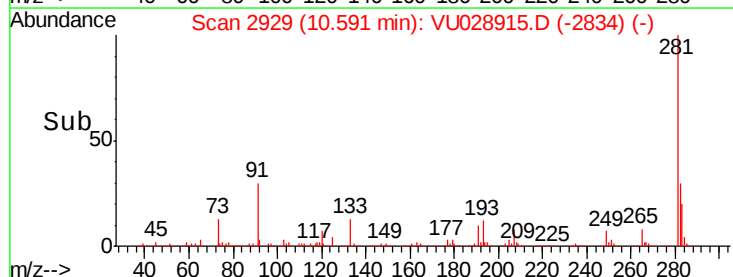
200000

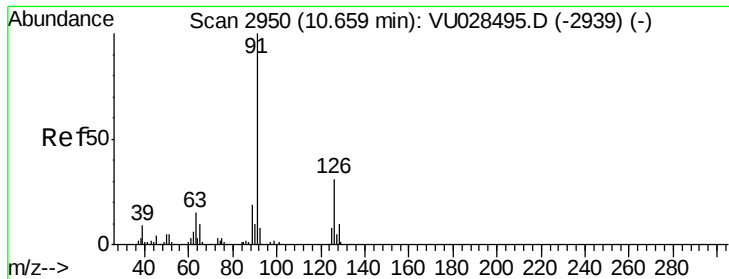
100000

0

10.50 10.55 10.60 10.65

Time-->





#79

2-Chlorotoluene

Concen: 82.190 ug/l

RT: 10.59 min Scan# 2929

Delta R.T. -0.07 min

Lab File: VU028915.D

Acq: 22 Dec 2018 15:24

Instrument :

MSVOA_U

ClientSampleId :

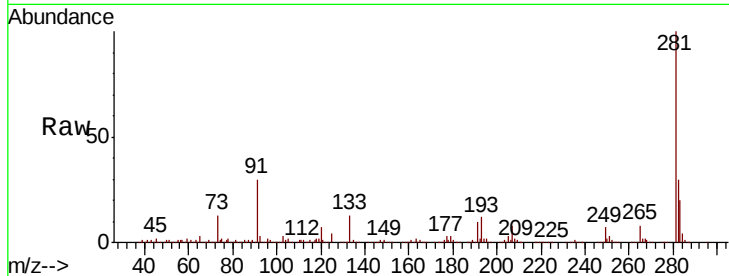
P001-SS013B-4248-01ME

Tgt Ion: 91 Resp: 478588

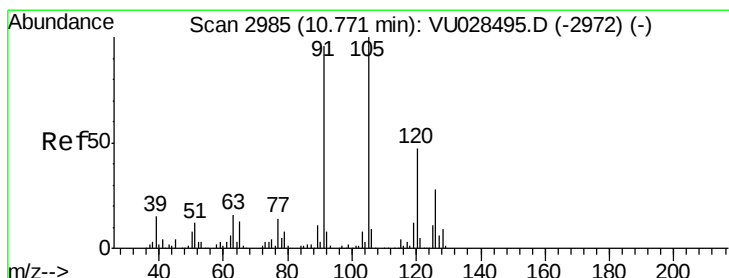
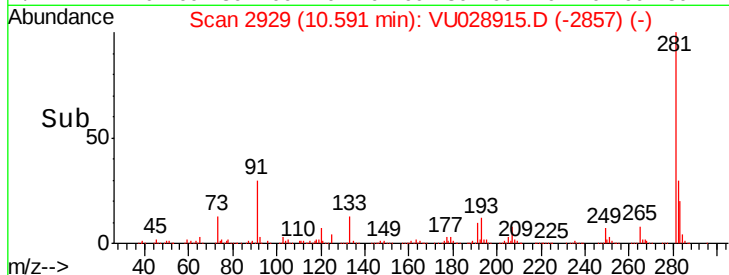
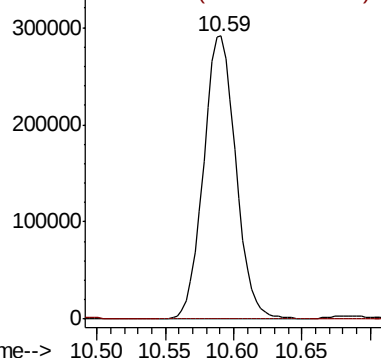
Ion Ratio Lower Upper

91 100

126 0.0 15.6 46.8#



Abundance Ion 91.00 (90.70 to 91.70): VU028915.D (-2857) (-)



#80

1,3,5-Trimethylbenzene

Concen: 48.379 ug/l

RT: 10.77 min Scan# 2986

Delta R.T. 0.00 min

Lab File: VU028915.D

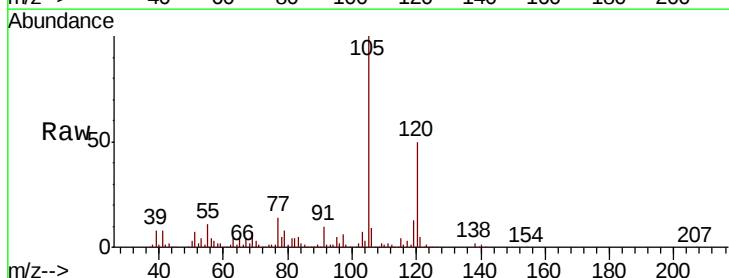
Acq: 22 Dec 2018 15:24

Tgt Ion: 105 Resp: 325789

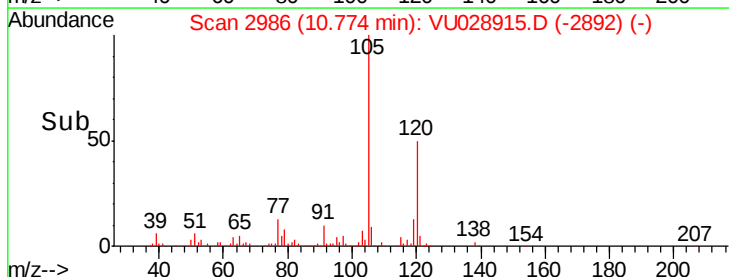
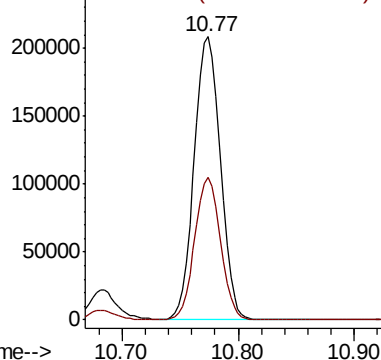
Ion Ratio Lower Upper

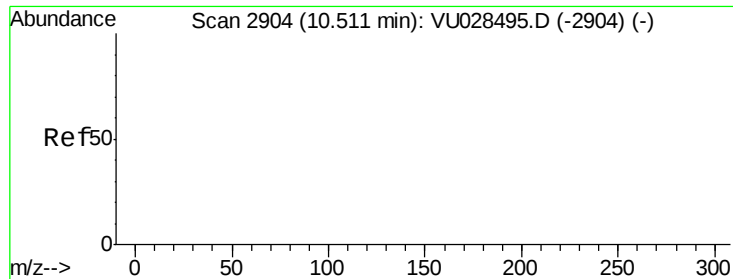
105 100

120 49.3 23.7 71.1



Abundance Ion 105.00 (104.70 to 105.70): VU028915.D (-2892) (-)

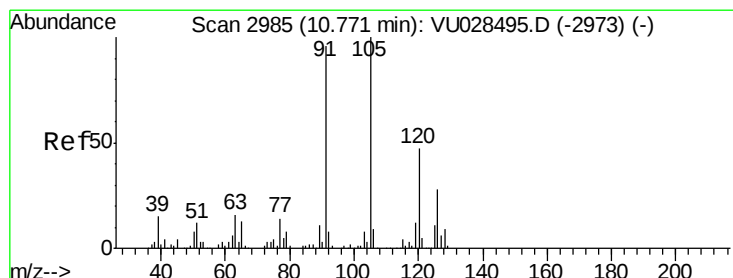
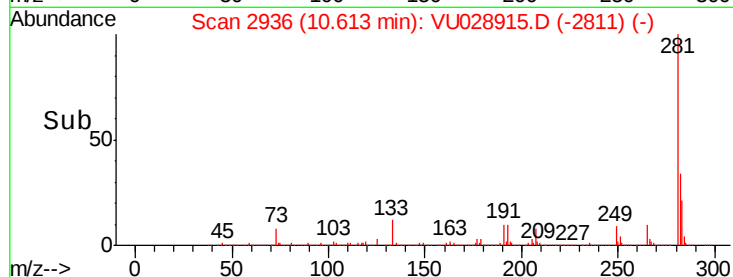
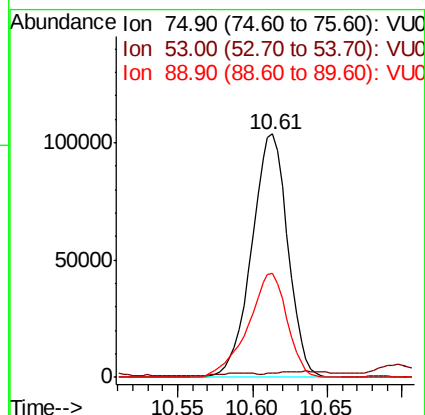
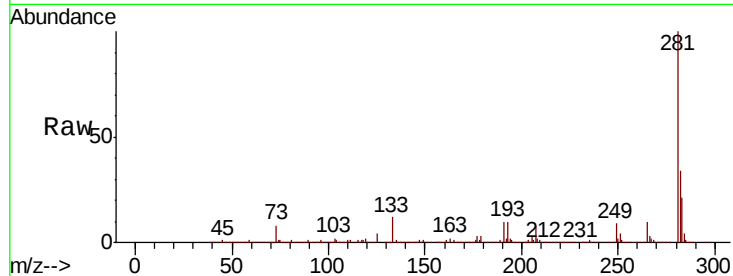




#81
trans-1,4-Dichloro-2-butene
Concen: 156.965 ug/l
RT: 10.61 min Scan# 2936
Delta R.T. 0.10 min
Lab File: VU028915.D
Acq: 22 Dec 2018 15:24

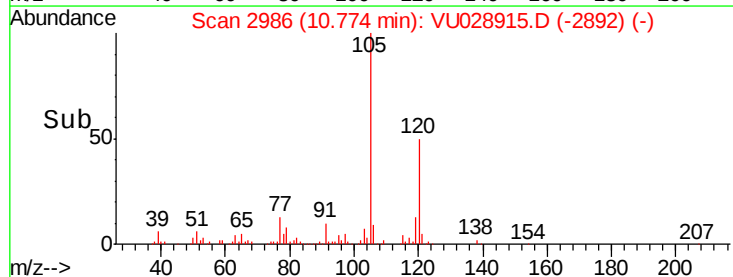
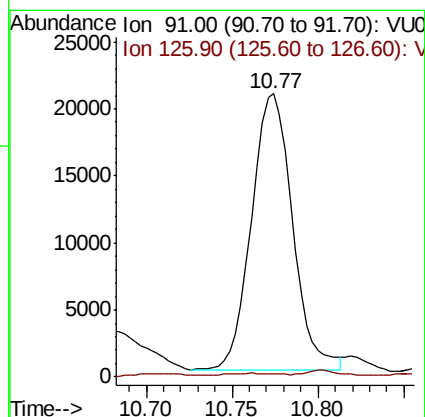
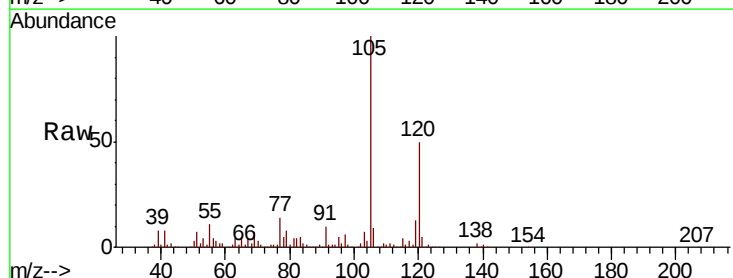
Instrument :
MSVOA_U
ClientSampleId :
P001-SS013B-4248-01ME

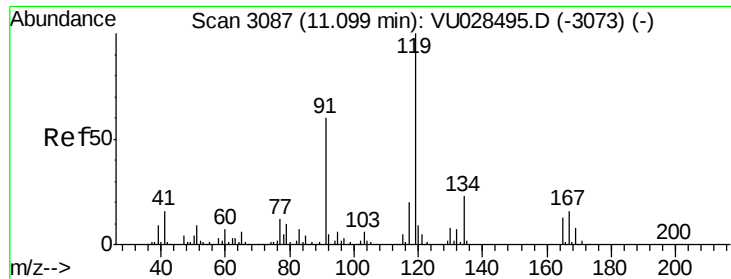
Tgt Ion: 75 Resp: 174081
Ion Ratio Lower Upper
75 100
53 0.0 0.0 0.0
89 46.4 0.0 0.0#



#82
4-Chlorotoluene
Concen: 4.959 ug/l
RT: 10.77 min Scan# 2986
Delta R.T. 0.00 min
Lab File: VU028915.D
Acq: 22 Dec 2018 15:24

Tgt Ion: 91 Resp: 34219
Ion Ratio Lower Upper
91 100
126 1.0 14.1 42.3#

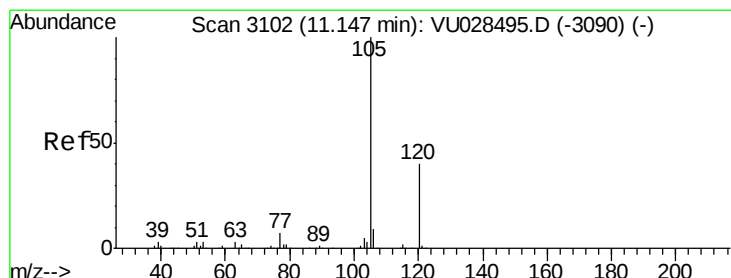
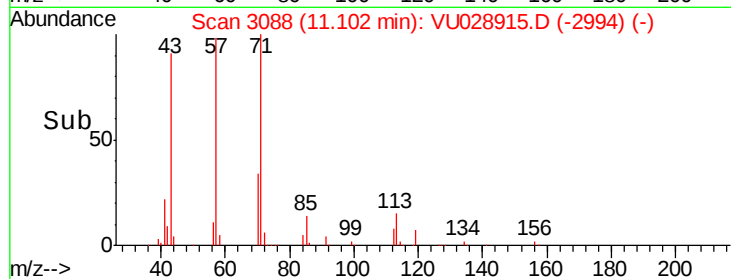
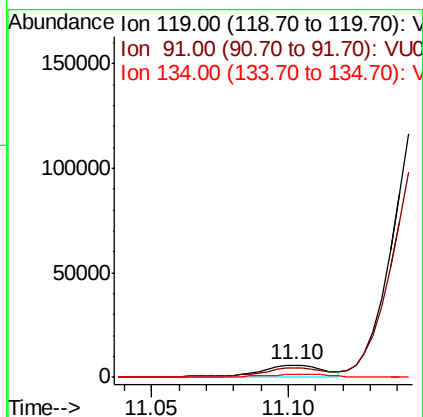
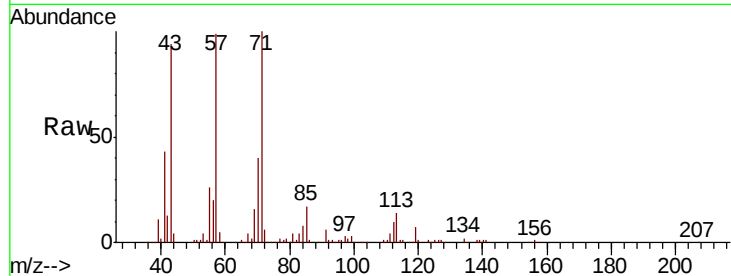




#83
 tert-Butylbenzene
 Concen: 1.403 ug/l
 RT: 11.10 min Scan# 3088
 Delta R.T. 0.00 min
 Lab File: VU028915.D
 Acq: 22 Dec 2018 15:24

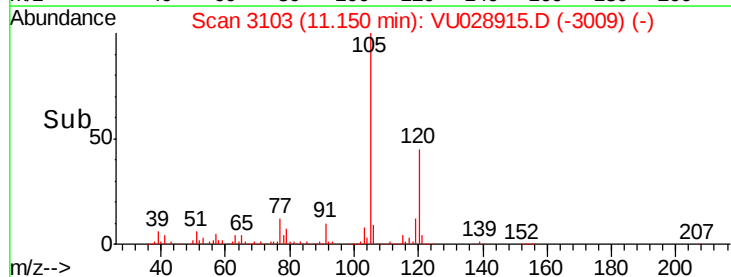
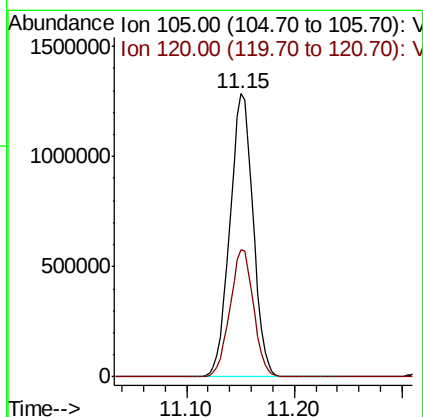
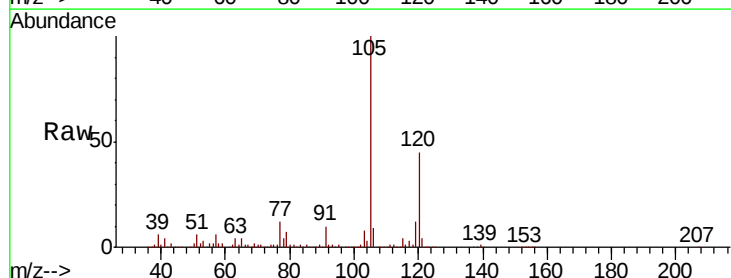
Instrument :
 MSVOA_U
 ClientSampleId :
 P001-SS013B-4248-01ME

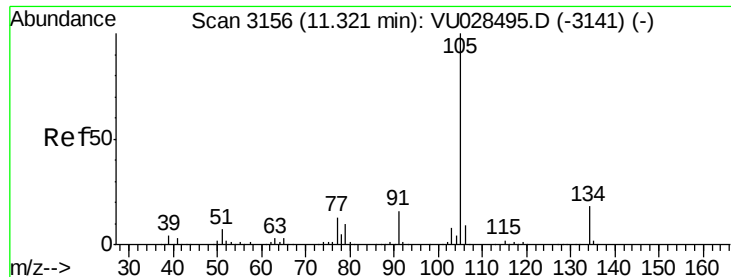
Tgt Ion:119 Resp: 9104
 Ion Ratio Lower Upper
 119 100
 91 75.7 30.3 91.0
 134 25.9 11.2 33.5



#84
 1,2,4-Trimethylbenzene
 Concen: 278.494 ug/l
 RT: 11.15 min Scan# 3103
 Delta R.T. 0.00 min
 Lab File: VU028915.D
 Acq: 22 Dec 2018 15:24

Tgt Ion:105 Resp: 1932773
 Ion Ratio Lower Upper
 105 100
 120 45.6 21.8 65.4





#85

sec-Butylbenzene

Concen: 7.852 ug/l

RT: 11.33 min Scan# 3158

Delta R.T. 0.01 min

Lab File: VU028915.D

Acq: 22 Dec 2018 15:24

Instrument :

MSVOA_U

ClientSampleId :

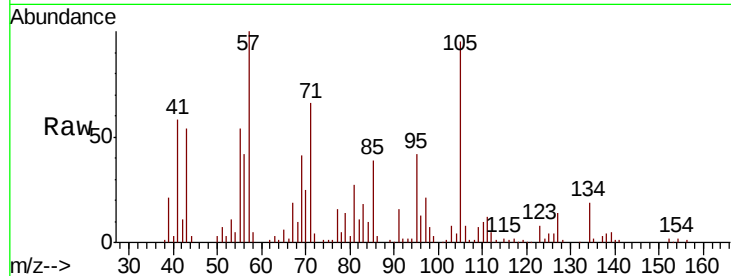
P001-SS013B-4248-01ME

Tgt Ion:105 Resp: 65472

Ion Ratio Lower Upper

105 100

134 17.8 9.2 27.6

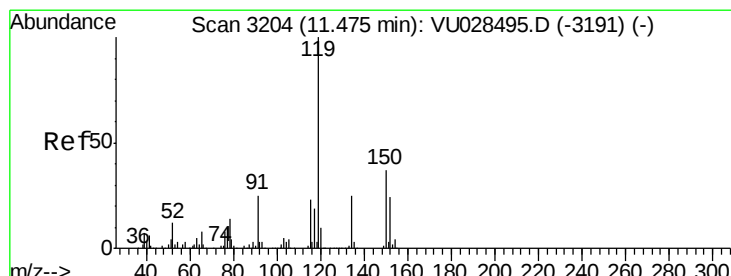
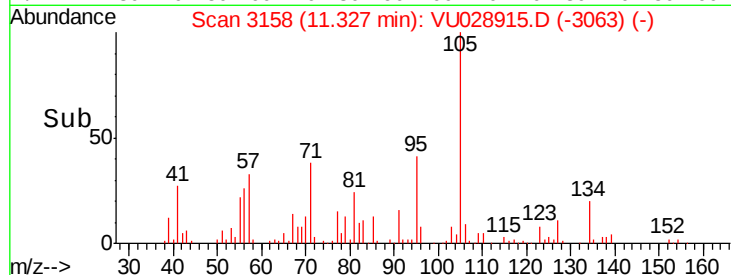


Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.33

Time-->



#86

p-Isopropyltoluene

Concen: 12.497 ug/l

RT: 11.48 min Scan# 3205

Delta R.T. 0.00 min

Lab File: VU028915.D

Acq: 22 Dec 2018 15:24

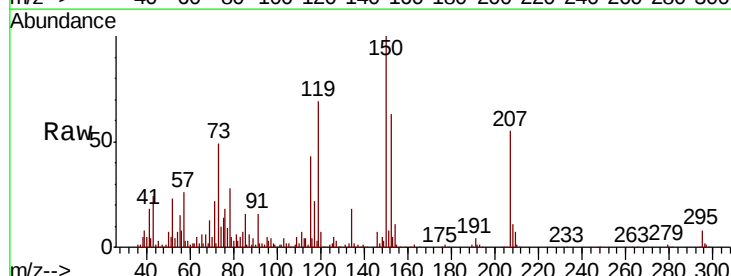
Tgt Ion:119 Resp: 88517

Ion Ratio Lower Upper

119 100

134 26.5 12.7 38.1

91 21.7 12.6 37.6



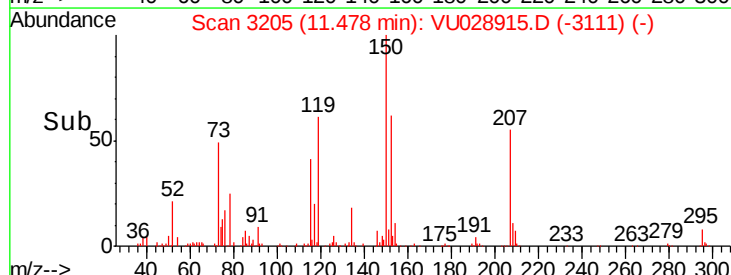
Abundance Ion 119.00 (118.70 to 119.70): V

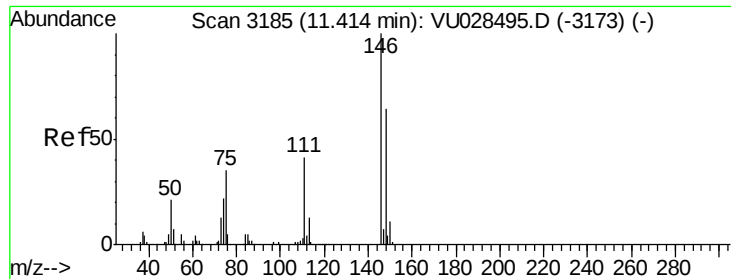
Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VU0

11.48

Time-->

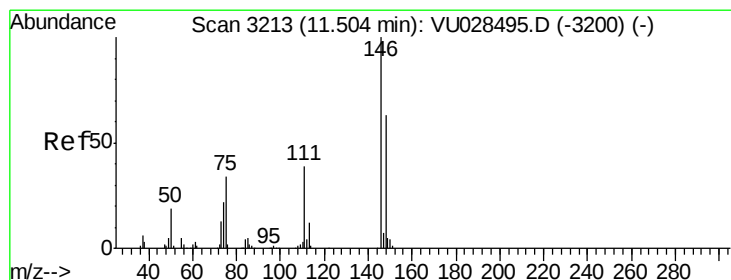
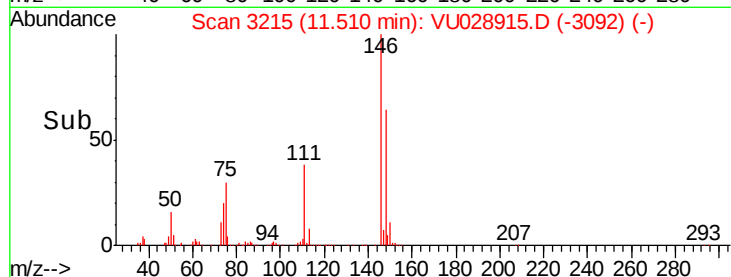
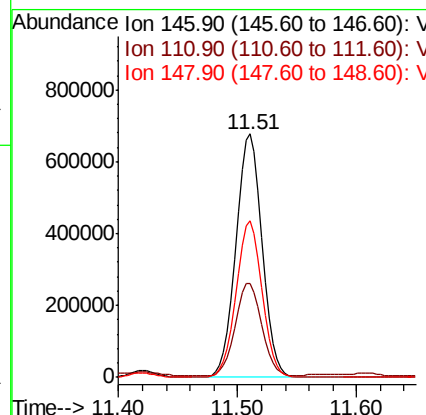
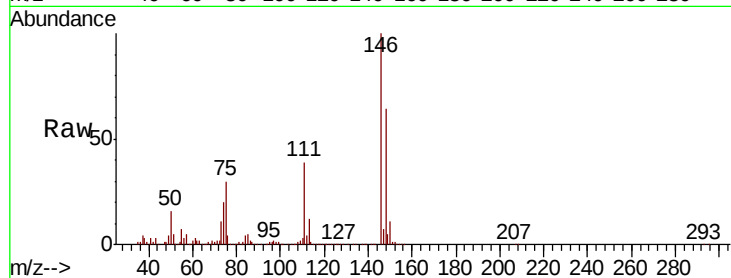




#87
 1,3-Dichlorobenzene
 Concen: 286.740 ug/l
 RT: 11.51 min Scan# 3215
 Delta R.T. 0.10 min
 Lab File: VU028915.D
 Acq: 22 Dec 2018 15:24

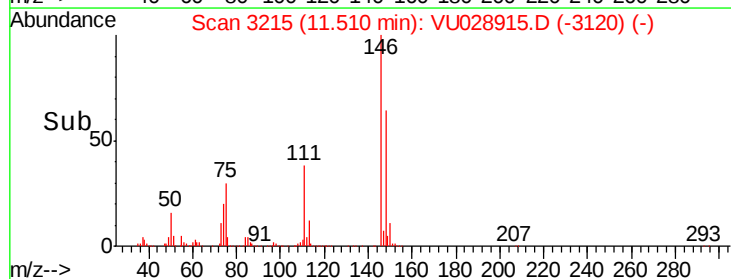
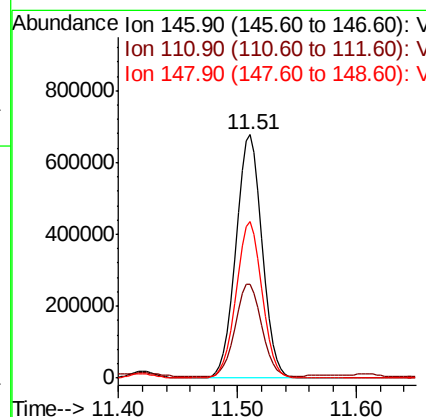
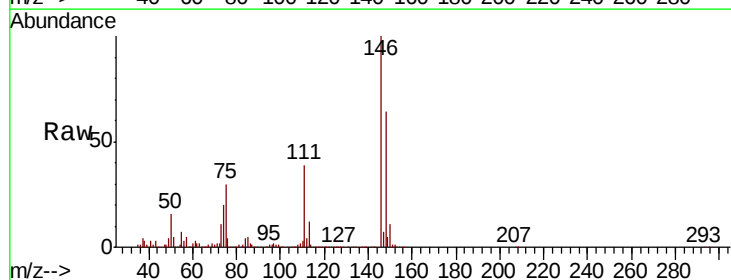
Instrument :
 MSVOA_U
 ClientSampleId :
 P001-SS013B-4248-01ME

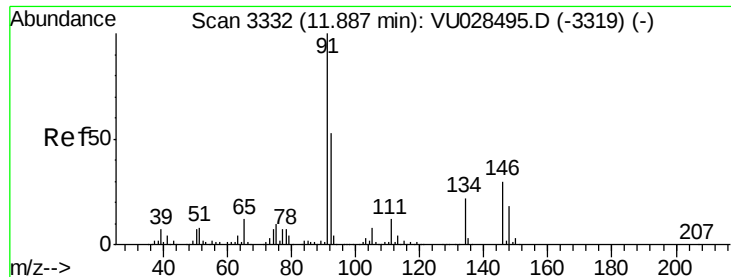
Tgt Ion:146 Resp: 1030165
 Ion Ratio Lower Upper
 146 100
 111 38.9 20.7 62.1
 148 64.0 31.9 95.7



#88
 1,4-Dichlorobenzene
 Concen: 277.146 ug/l
 RT: 11.51 min Scan# 3215
 Delta R.T. 0.01 min
 Lab File: VU028915.D
 Acq: 22 Dec 2018 15:24

Tgt Ion:146 Resp: 1030165
 Ion Ratio Lower Upper
 146 100
 111 38.9 20.2 60.5
 148 64.0 31.6 95.0

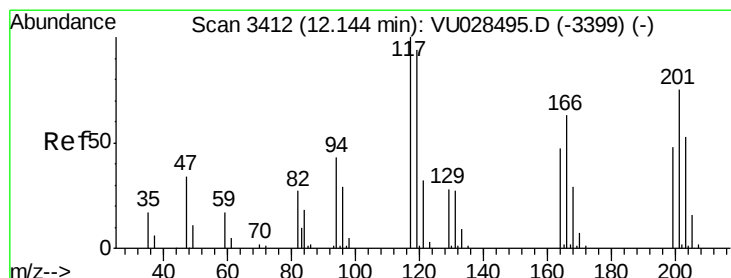
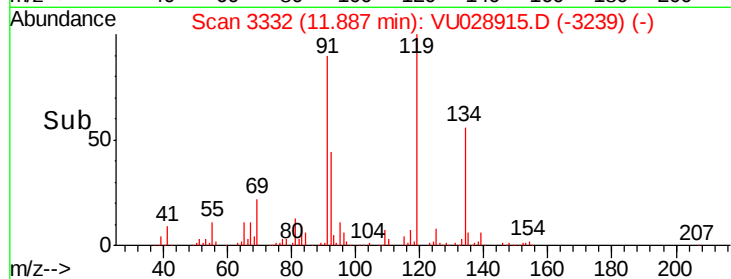
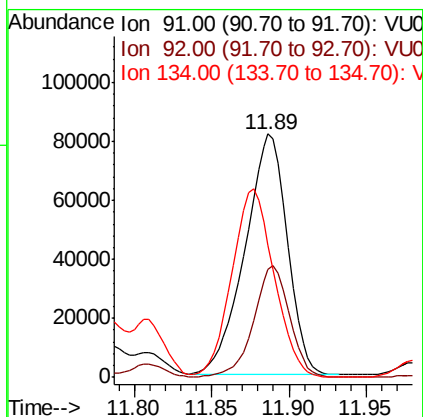
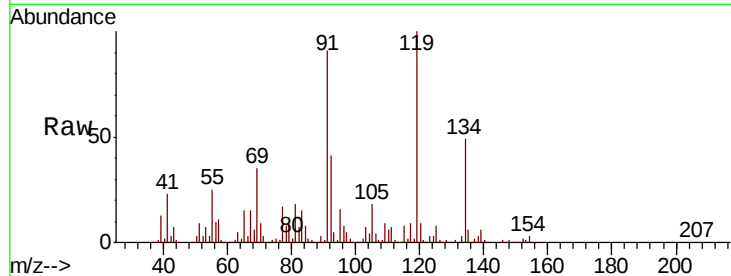




#89
n-Butylbenzene
Concen: 21.659 ug/l
RT: 11.89 min Scan# 3332
Delta R.T. -0.00 min
Lab File: VU028915.D
Acq: 22 Dec 2018 15:24

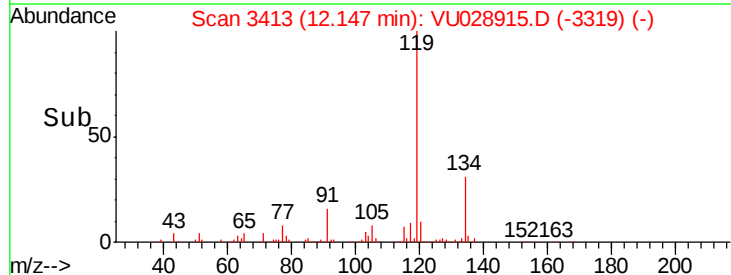
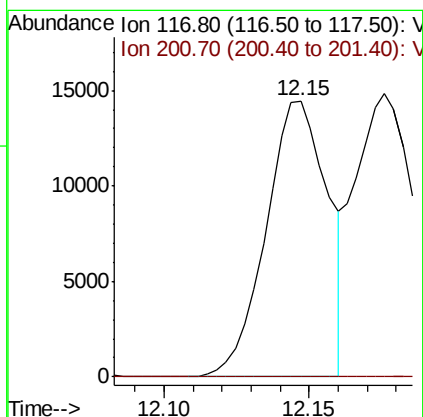
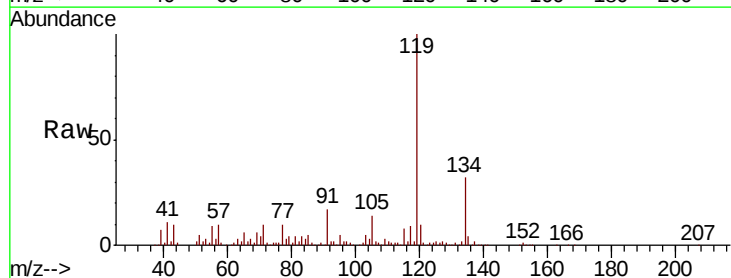
Instrument :
MSVOA_U
ClientSampleId :
P001-SS013B-4248-01ME

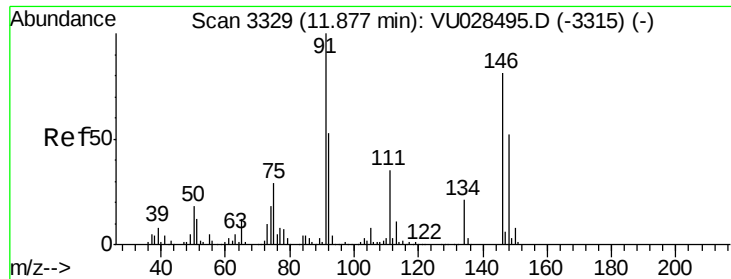
Tgt Ion: 91 Resp: 155267
Ion Ratio Lower Upper
91 100
92 39.4 26.3 78.9
134 77.6 11.3 33.8#



#90
Hexachloroethane
Concen: 19.958 ug/l
RT: 12.15 min Scan# 3413
Delta R.T. 0.00 min
Lab File: VU028915.D
Acq: 22 Dec 2018 15:24

Tgt Ion: 117 Resp: 21367
Ion Ratio Lower Upper
117 100
201 0.0 38.1 114.5#

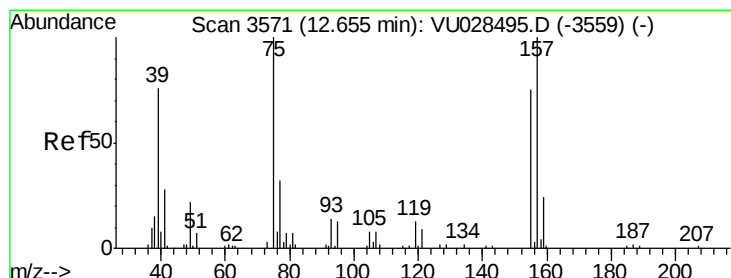
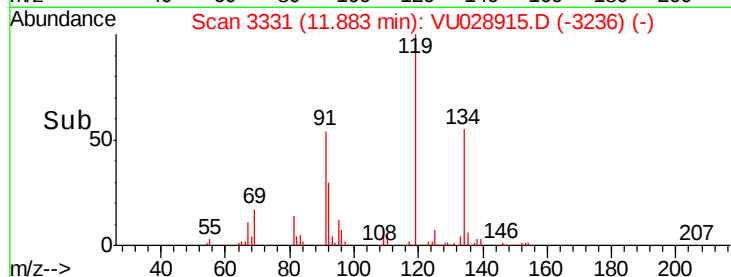
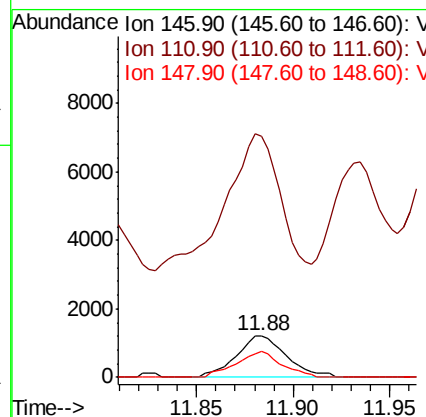
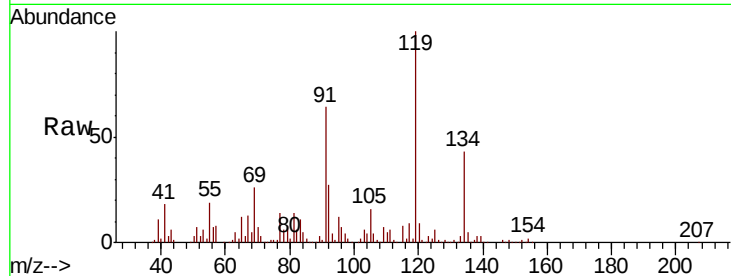




#91
 1,2-Dichlorobenzene
 Concen: 0.605 ug/l
 RT: 11.88 min Scan# 3331
 Delta R.T. 0.01 min
 Lab File: VU028915.D
 Acq: 22 Dec 2018 15:24

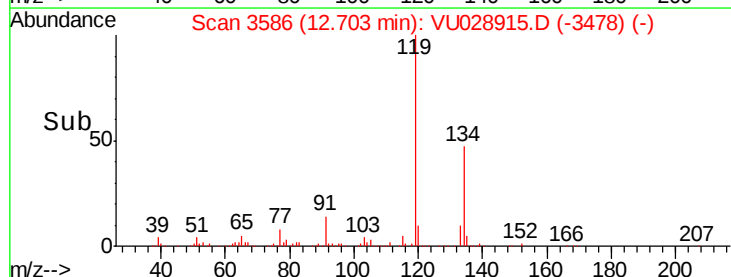
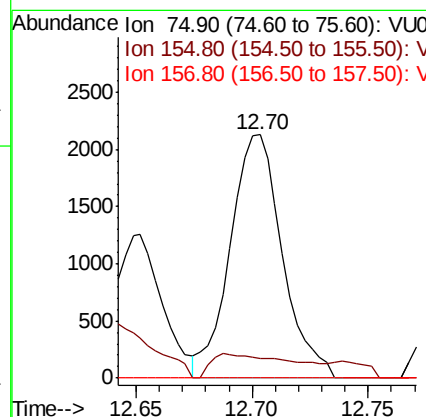
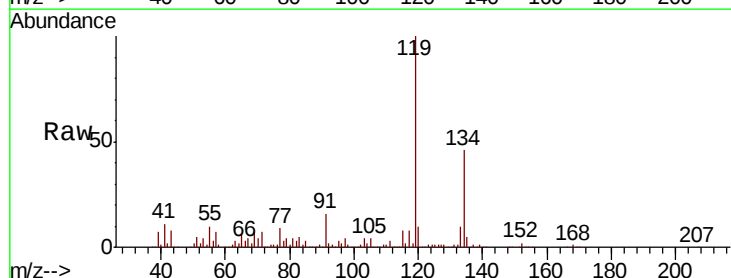
Instrument :
 MSVOA_U
 ClientSampleId :
 P001-SS013B-4248-01ME

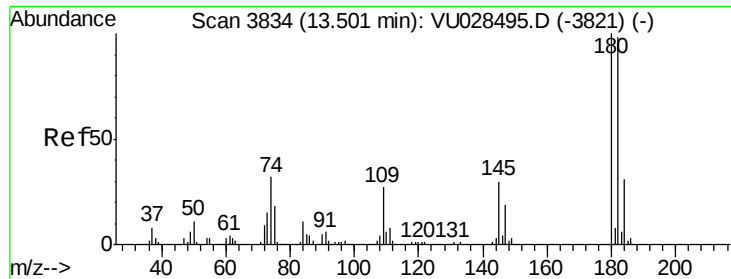
Tgt Ion:146 Resp: 2174
 Ion Ratio Lower Upper
 146 100
 111 396.2 21.1 63.4#
 148 56.8 31.4 94.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 4.903 ug/l
 RT: 12.70 min Scan# 3586
 Delta R.T. 0.05 min
 Lab File: VU028915.D
 Acq: 22 Dec 2018 15:24

Tgt Ion: 75 Resp: 3317
 Ion Ratio Lower Upper
 75 100
 155 16.2 38.1 114.5#
 157 0.0 48.7 146.1#

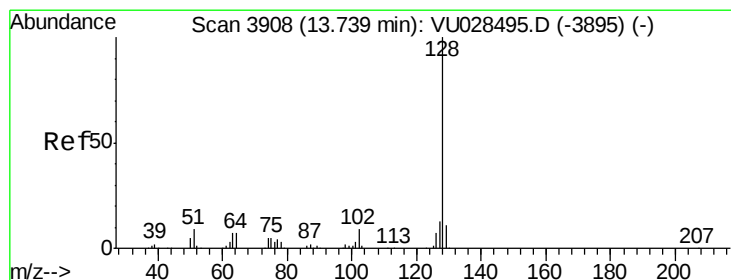
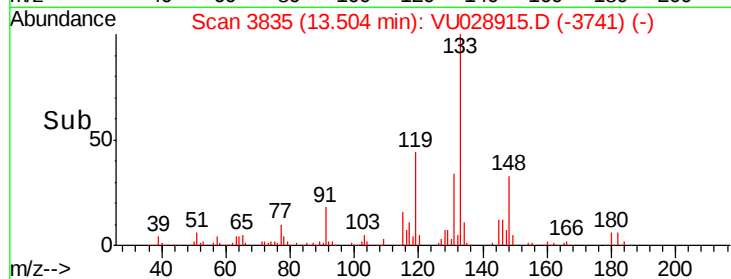
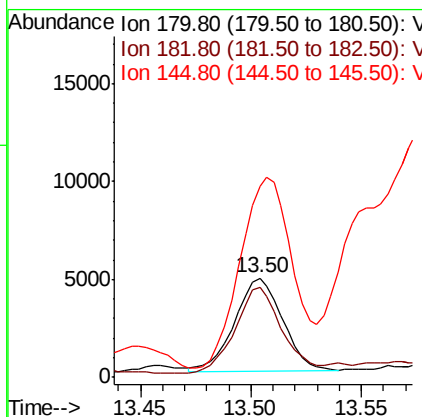
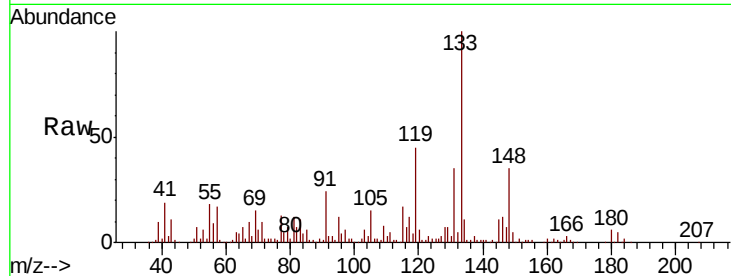




#93
1,2,4-Trichlorobenzene
Concen: 3.682 ug/l
RT: 13.50 min Scan# 3835
Delta R.T. 0.00 min
Lab File: VU028915.D
Acq: 22 Dec 2018 15:24

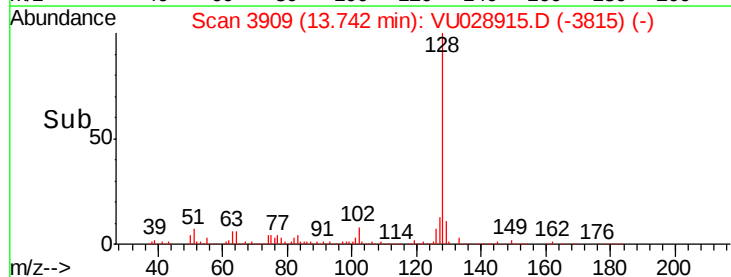
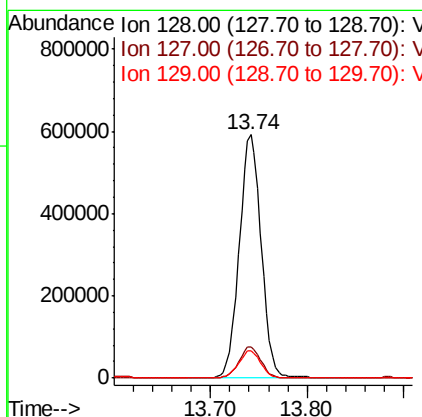
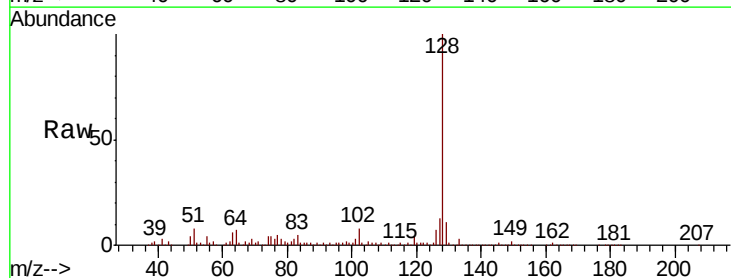
Instrument :
MSVOA_U
ClientSampleId :
P001-SS013B-4248-01ME

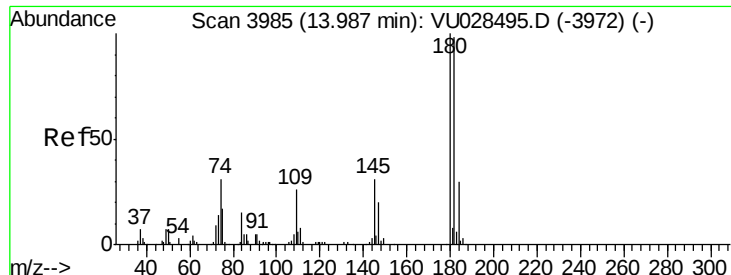
Tgt Ion:180 Resp: 7131
Ion Ratio Lower Upper
180 100
182 91.5 47.9 143.8
145 236.9 15.0 45.1#



#95
Naphthalene
Concen: 107.901 ug/l
RT: 13.74 min Scan# 3909
Delta R.T. 0.00 min
Lab File: VU028915.D
Acq: 22 Dec 2018 15:24

Tgt Ion:128 Resp: 930483
Ion Ratio Lower Upper
128 100
127 12.5 10.4 15.6
129 11.3 8.6 13.0

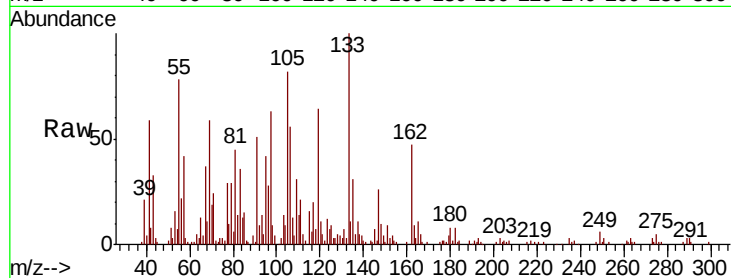




#96
 1,2,3-Trichlorobenzene
 Concen: 0.822 ug/l
 RT: 13.99 min Scan# 3985
 Delta R.T. 0.00 min
 Lab File: VU028915.D
 Acq: 22 Dec 2018 15:24

Instrument :
 MSVOA_U
 ClientSampleId :
 P001-SS013B-4248-01ME

Tgt Ion	Ratio	Lower	Upper
180	100		
182	121.2	48.2	144.6
145	0.0	15.8	47.3



Abundance

Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

