

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU083119\
 Data File : VU034089.D
 Acq On : 30 Aug 2019 11:38
 Operator : JC/SP
 Sample : K4559-01
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 30 15:25:31 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U082919W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 29 04:11:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.96	168	446201	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.87	114	738858	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.07	117	728243	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.46	152	392005	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.29	65	290005	50.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.44%	
35) Dibromofluoromethane	4.86	113	243815	47.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.16%	
50) Toluene-d8	7.55	98	960318	50.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.10%	
62) 4-Bromofluorobenzene	10.29	95	341150	45.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.42%	

Target Compounds

						Qvalue
3) Chloromethane	1.32	50	775	Below Cal	#	70
5) Bromomethane	1.63	94	717	Below Cal		89
11) Tert butyl alcohol	2.82	59	3738	2.835	ug/l #	73
13) Acrolein	2.19	56	254	0.458	ug/l #	1
16) Acetone	2.31	43	50197	17.207	ug/l	100
17) Carbon Disulfide	2.47	76	4216	0.298	ug/l	99
18) Methyl Acetate	2.61	43	3406	0.452	ug/l	93
20) Methylene Chloride	2.69	84	11638	2.107	ug/l	97
25) 2-Butanone	4.26	43	11457	2.823	ug/l	100
31) Cyclohexane	4.96	56	15973	1.871	ug/l #	23
36) 1,1-Dichloropropene	4.96	75	33381	4.776	ug/l #	48
37) Ethyl Acetate	4.26	43	11457	1.464	ug/l #	68
38) Carbon Tetrachloride	4.96	117	41892	6.210	ug/l #	16
39) Methylcyclohexane	6.40	83	16680	2.025	ug/l	97
40) Benzene	5.37	78	14389	0.681	ug/l	100
43) Isopropyl Acetate	5.53	43	80731	6.781	ug/l	98
48) Methyl methacrylate	6.52	41	4761	0.829	ug/l #	14
49) 1,4-Dioxane	6.68	88	148	1.028	ug/l #	1
51) 4-Methyl-2-Pentanone	7.40	43	66770	8.120	ug/l #	47
52) Toluene	7.62	92	5614	0.431	ug/l	99
54) cis-1,3-Dichloropropene	7.40	75	35206	3.958	ug/l #	67
55) 1,1,2-Trichloroethane	8.03	97	1833	0.333	ug/l #	14
56) Ethyl methacrylate	8.03	69	878	1.066	ug/l #	27
57) 1,3-Dichloropropane	8.40	76	5912	0.632	ug/l #	42
59) 2-Hexanone	8.40	43	76561	12.334	ug/l #	54
67) Ethyl Benzene	9.23	91	225533	8.878	ug/l	100
68) m/p-Xylenes	9.36	106	139829	14.476	ug/l	100
69) o-Xylene	9.76	106	111775	12.061	ug/l	99
70) Styrene	9.76	104	7727	0.486	ug/l #	1
73) Isopropylbenzene	10.15	105	80424	3.054	ug/l	99
74) N-amyl acetate	9.92	43	3229	0.292	ug/l #	54
76) 1,2,3-Trichloropropane	10.29	75	164598	18.630	ug/l #	37
78) n-propylbenzene	10.57	91	129828	4.234	ug/l	99
79) 2-Chlorotoluene	10.69	91	33261	1.808	ug/l #	41

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU083119\
 Data File : VU034089.D
 Acq On : 30 Aug 2019 11:38
 Operator : JC/SP
 Sample : K4559-01
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 30 15:25:31 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U082919W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 29 04:11:12 2019
 Response via : Initial Calibration

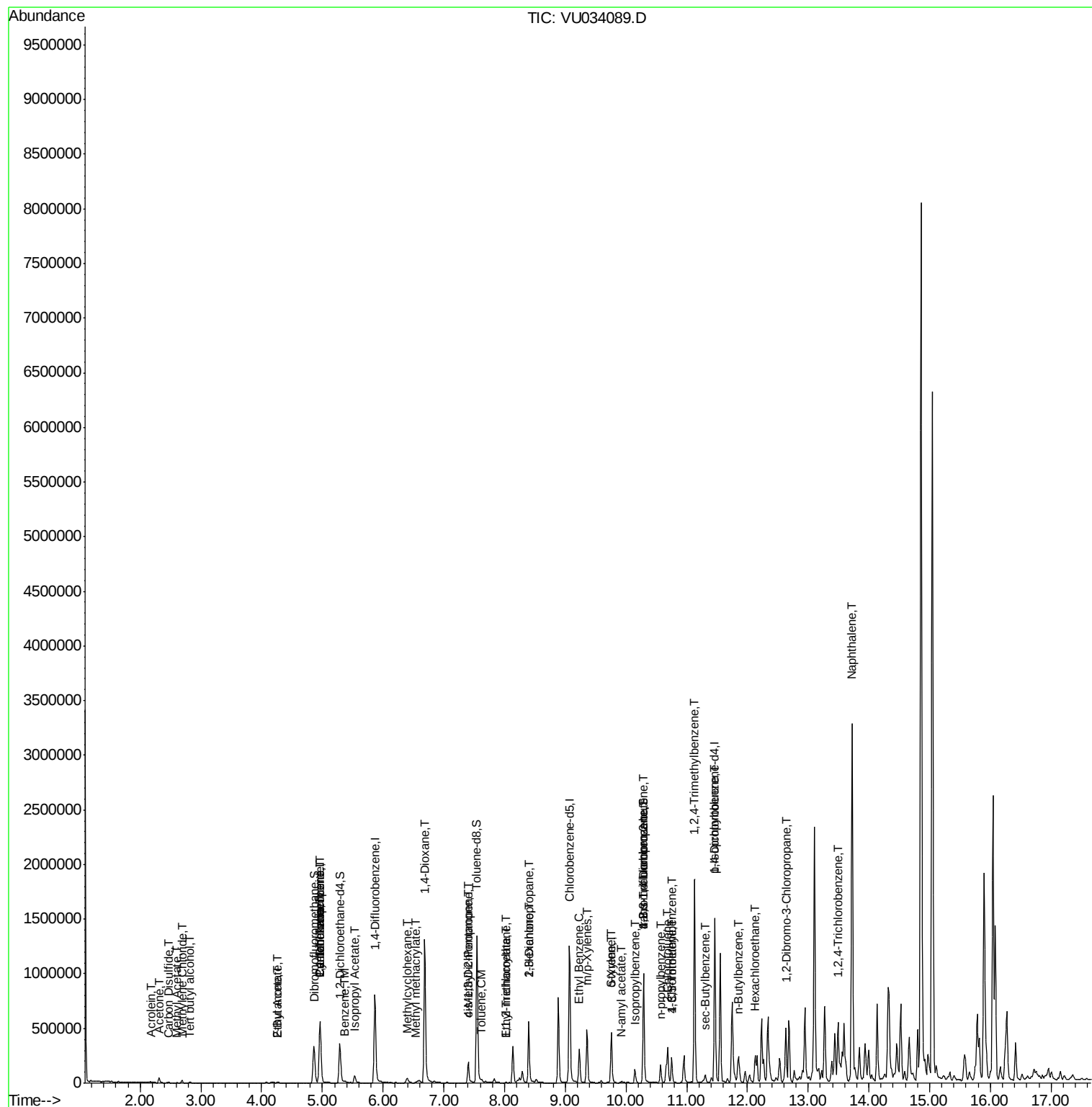
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
80) 1,3,5-Trimethylbenzene	10.76	105	126544	5.670	ug/l	100
81) trans-1,4-Dichloro-2-buten	10.29	75	164598	62.732	ug/l #	100
82) 4-Chlorotoluene	10.76	91	13912	0.658	ug/l #	45
84) 1,2,4-Trimethylbenzene	11.13	105	1004085	45.310	ug/l	99
85) sec-Butylbenzene	11.31	105	43708	1.660	ug/l	99
86) p-Isopropyltoluene	11.46	119	38167	1.603	ug/l	95
89) n-Butylbenzene	11.87	91	54234	2.583	ug/l #	40
90) Hexachloroethane	12.13	117	12735	3.093	ug/l #	7
92) 1,2-Dibromo-3-Chloropropan	12.63	75	2408	1.199	ug/l #	1
93) 1,2,4-Trichlorobenzene	13.49	180	994	1.228	ug/l #	1
95) Naphthalene	13.72	128	2566538	102.927	ug/l	99

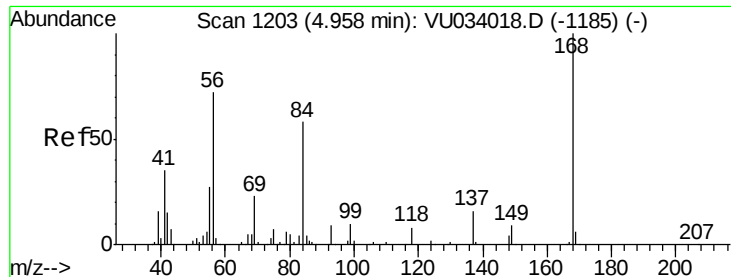
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU083119\
Data File : VU034089.D
Acq On : 30 Aug 2019 11:38
Operator : JC/SP
Sample : K4559-01
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Aug 30 15:25:31 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\82U082919W.M
Quant Title : SW846 8260
QLast Update : Thu Aug 29 04:11:12 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.96 min Scan# 1204

Delta R.T. 0.00 min

Lab File: VU034089.D

Acq: 30 Aug 2019 11:38

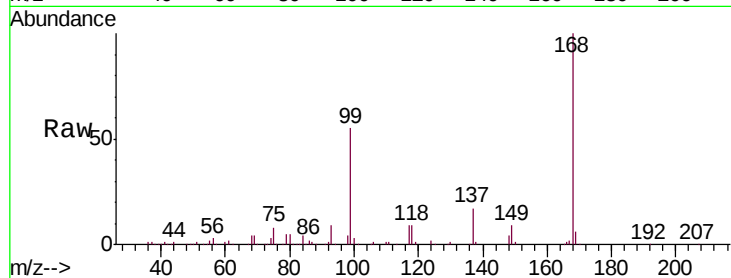
Instrument :
MSVOA_U
ClientSampleId :

Tot Ion:168 Resp: 446201

Ion Ratio Lower Upper

168 100

99 54.7 42.3 63.5



Abundance Ion 167.90 (167.60 to 168.60): VU034018.D (-1185) (-)

Ion 98.90 (98.60 to 99.60): VU034018.D (-1185) (-)

4.96

200000

150000

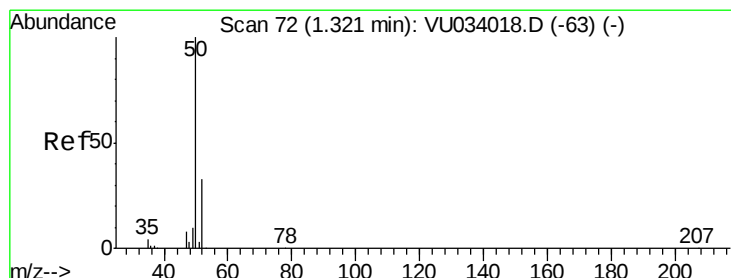
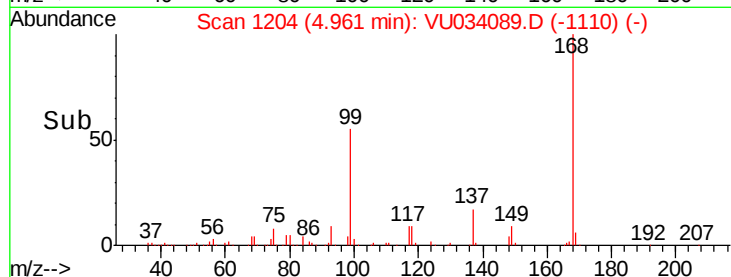
100000

50000

0

Time-->

4.85 4.90 4.95 5.00 5.05



#3

Chloromethane

Concen: Below Cal

RT: 1.32 min Scan# 73

Delta R.T. 0.00 min

Lab File: VU034089.D

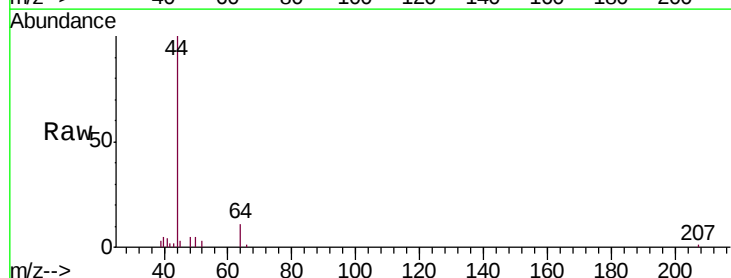
Acq: 30 Aug 2019 11:38

Tgt Ion: 50 Resp: 775

Ion Ratio Lower Upper

50 100

52 49.7 26.2 39.4#



Abundance Ion 49.90 (49.60 to 50.60): VU034018.D (-63) (-)

Ion 51.90 (51.60 to 52.60): VU034018.D (-63) (-)

1.32

600

500

400

300

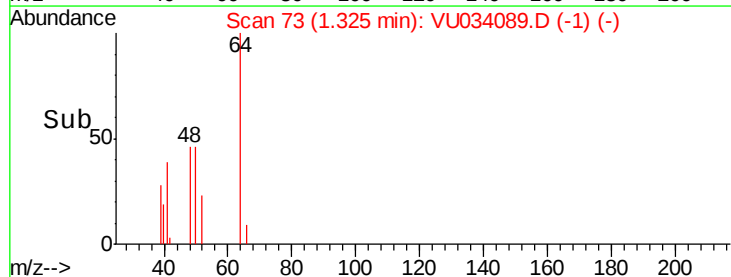
200

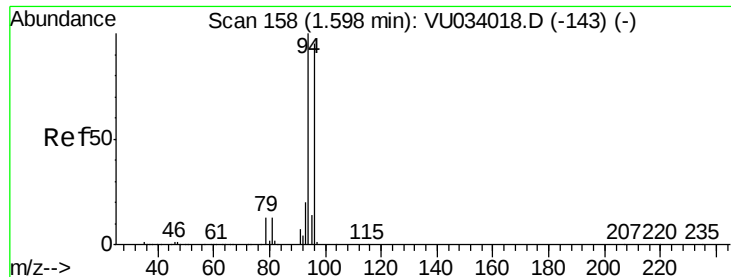
100

0

Time-->

1.30 1.35





#5

Bromomethane

Concen: Below Cal

RT: 1.63 min Scan# 168

Delta R.T. 0.03 min

Lab File: VU034089.D

Acq: 30 Aug 2019 11:38

Instrument :

MSVOA_U

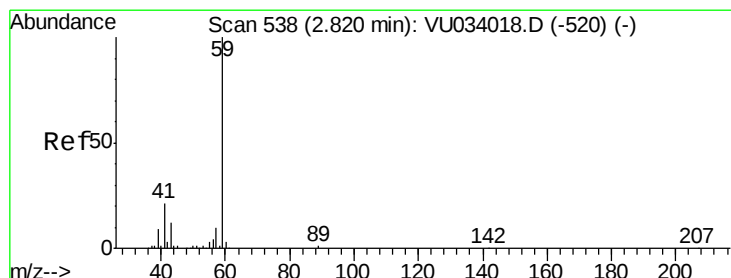
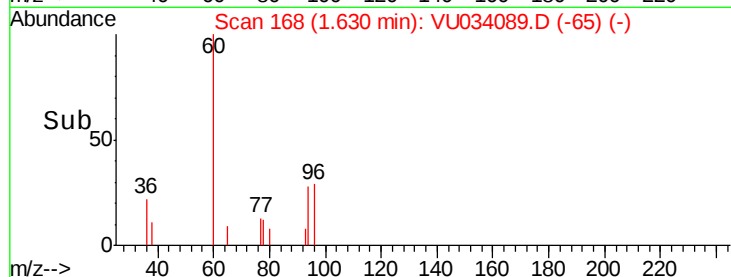
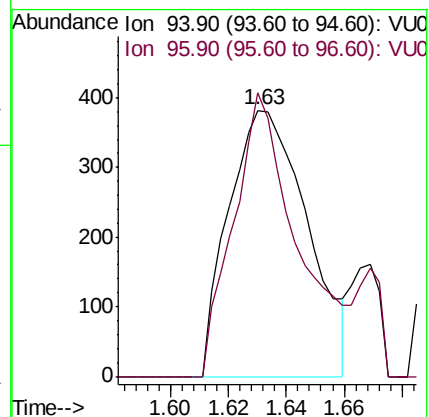
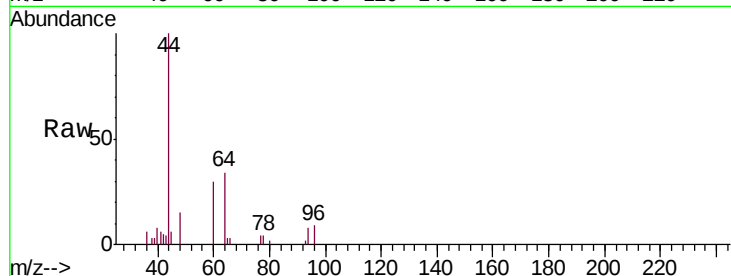
ClientSampled :

Tot Ion: 94 Resp: 717

Ion Ratio Lower Upper

94 100

96 106.5 76.3 114.5



#11

Tert butyl alcohol

Concen: 2.835 ug/l

RT: 2.82 min Scan# 539

Delta R.T. 0.00 min

Lab File: VU034089.D

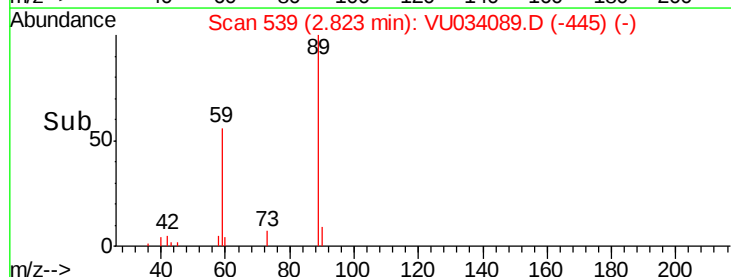
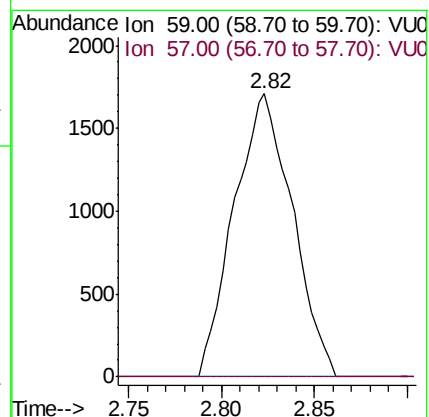
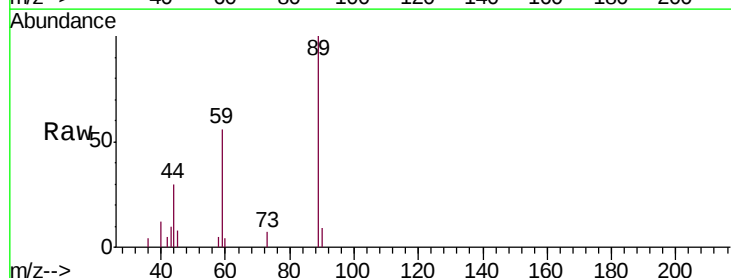
Acq: 30 Aug 2019 11:38

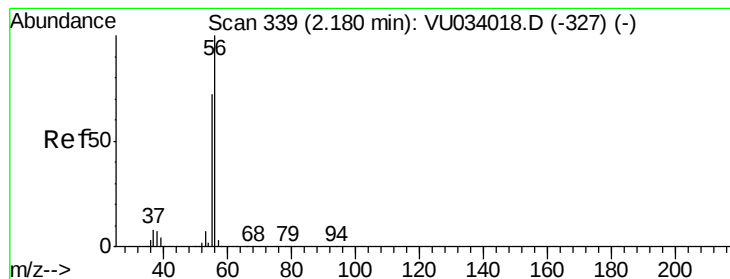
Tgt Ion: 59 Resp: 3738

Ion Ratio Lower Upper

59 100

57 0.0 8.0 12.0#





#13

Acrolein

Concen: 0.458 ug/l

RT: 2.19 min Scan# 341

Delta R.T. 0.01 min

Lab File: VU034089.D

Acq: 30 Aug 2019 11:38

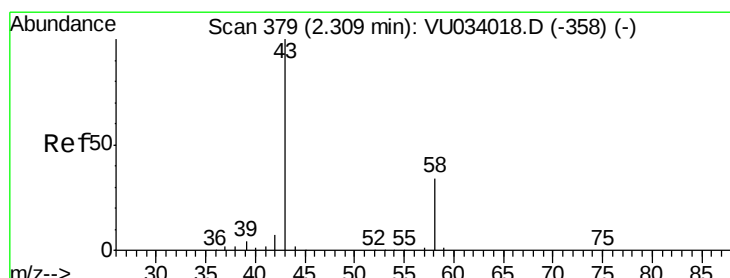
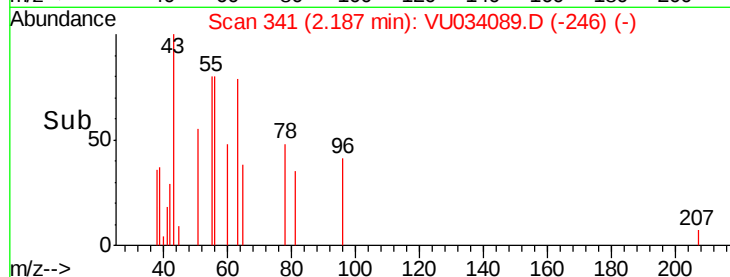
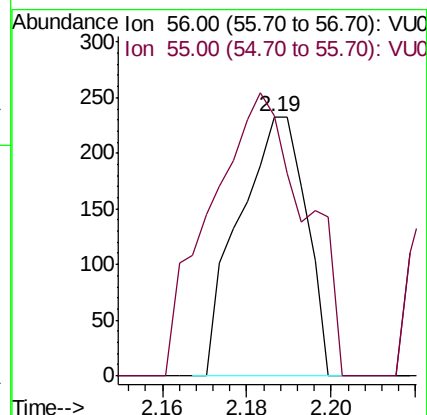
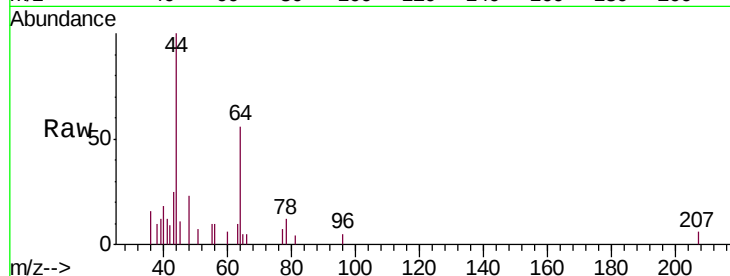
Instrument :
MSVOA_U
ClientSampled :

Tot Ion: 56 Resp: 254

Ion Ratio Lower Upper

56 100

55 155.5 57.1 85.7#



#16

Acetone

Concen: 17.207 ug/l

RT: 2.31 min Scan# 380

Delta R.T. 0.00 min

Lab File: VU034089.D

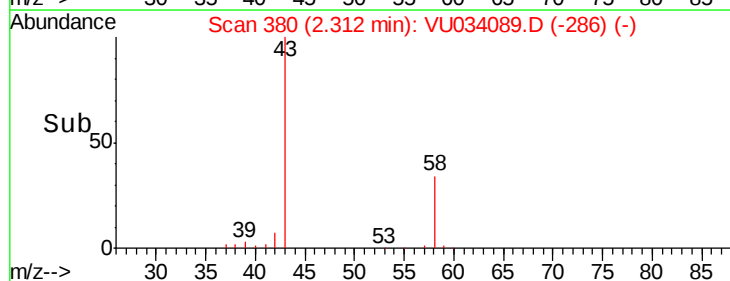
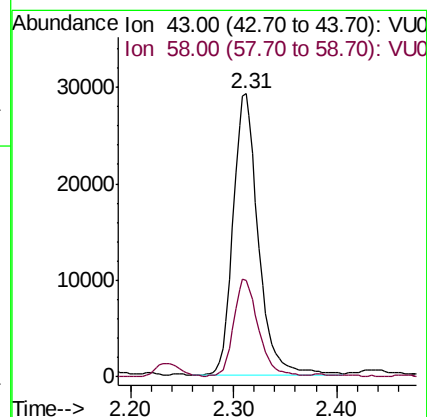
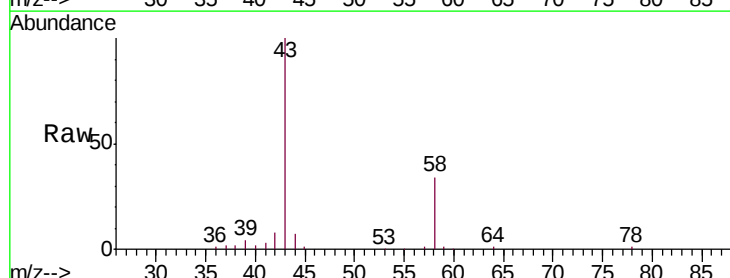
Acq: 30 Aug 2019 11:38

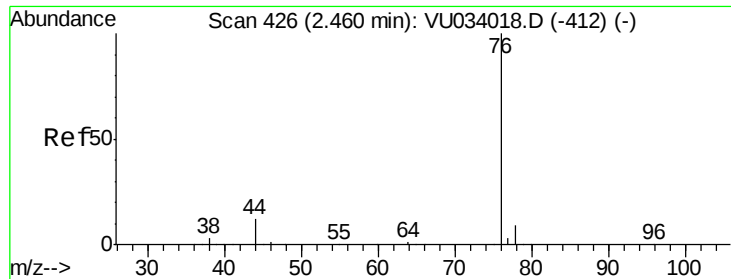
Tgt Ion: 43 Resp: 50197

Ion Ratio Lower Upper

43 100

58 33.4 26.8 40.2

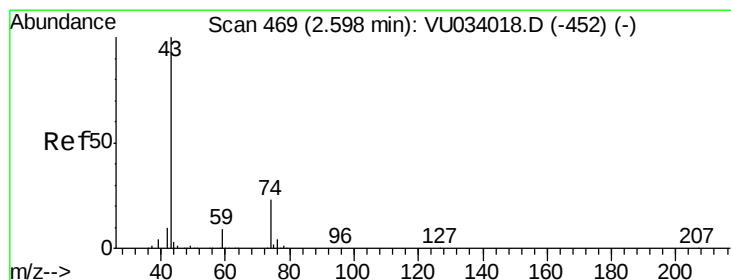
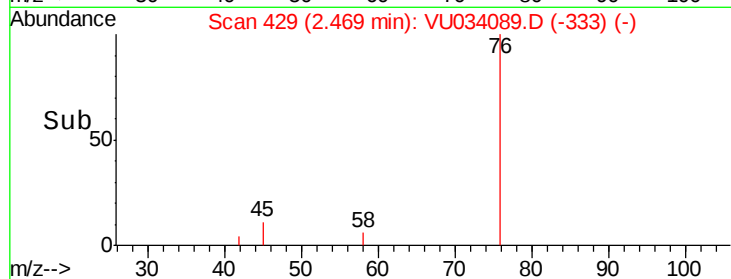
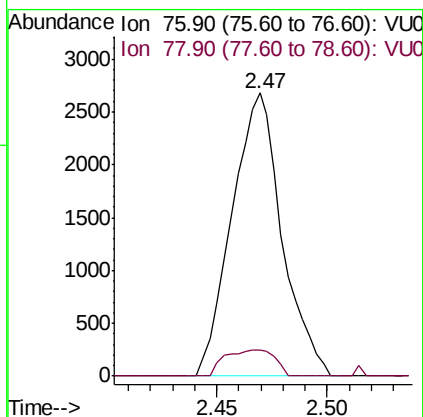
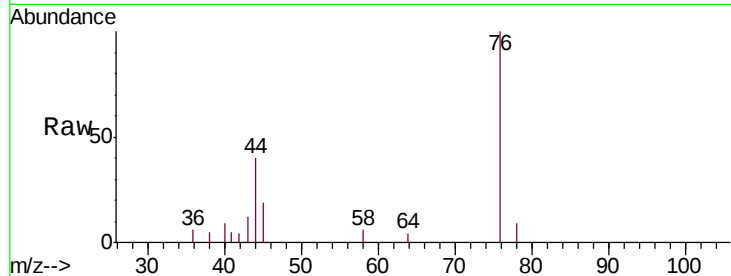




#17
Carbon Disulfide
Concen: 0.298 ug/l
RT: 2.47 min Scan# 429
Delta R.T. 0.01 min
Lab File: VU034089.D
Acq: 30 Aug 2019 11:38

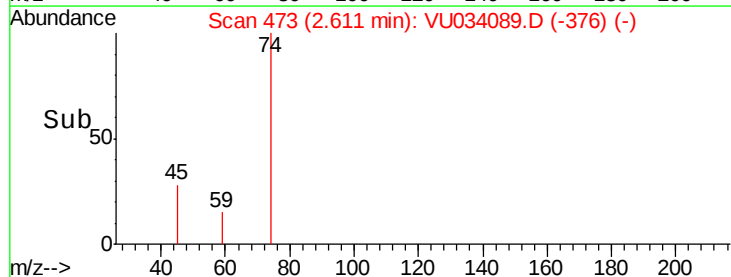
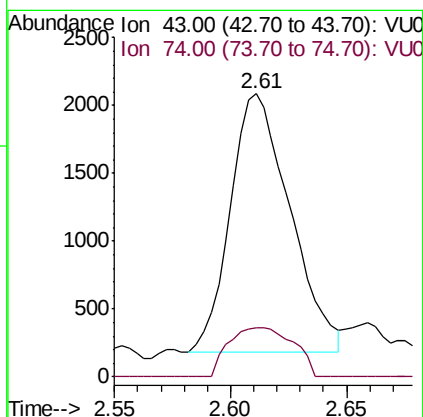
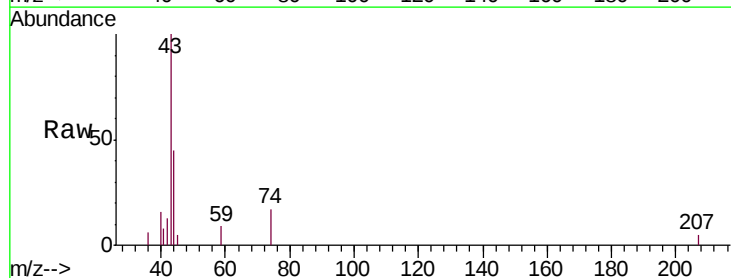
Instrument :
MSVOA_U
ClientSampleId :

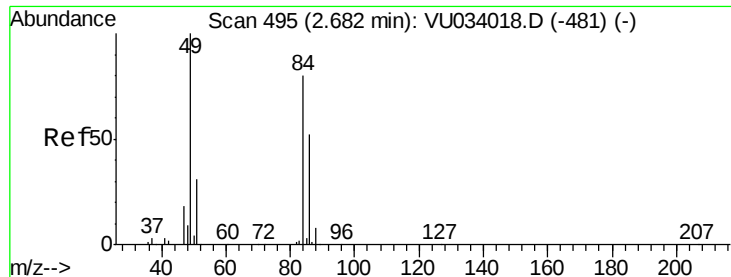
Tot Ion: 76 Resp: 4216
Ion Ratio Lower Upper
76 100
78 9.4 7.1 10.7



#18
Methyl Acetate
Concen: 0.452 ug/l
RT: 2.61 min Scan# 473
Delta R.T. 0.01 min
Lab File: VU034089.D
Acq: 30 Aug 2019 11:38

Tgt Ion: 43 Resp: 3406
Ion Ratio Lower Upper
43 100
74 20.8 19.2 28.8





#20

Methvlene Chloride

Concen: 2.107 ug/l

RT: 2.69 min Scan# 498

Delta R.T. 0.01 min

Lab File: VU034089.D

Acq: 30 Aug 2019 11:38

Instrument :

MSVOA_U

ClientSampled :

Tot Ion: 84 Resp: 11638

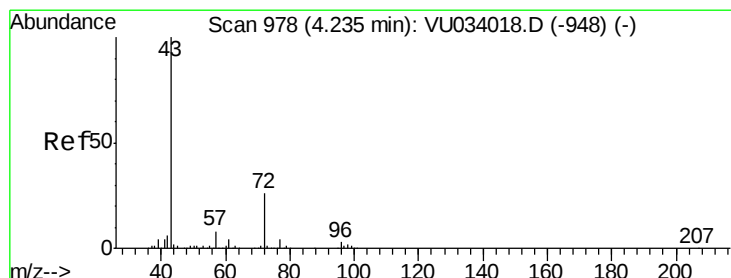
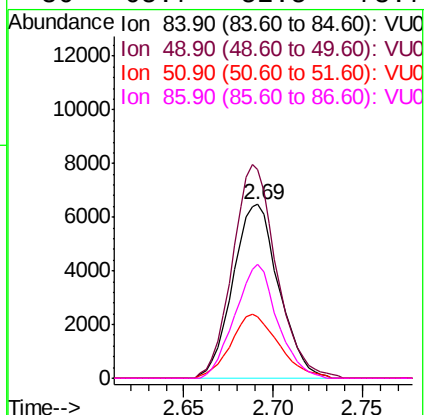
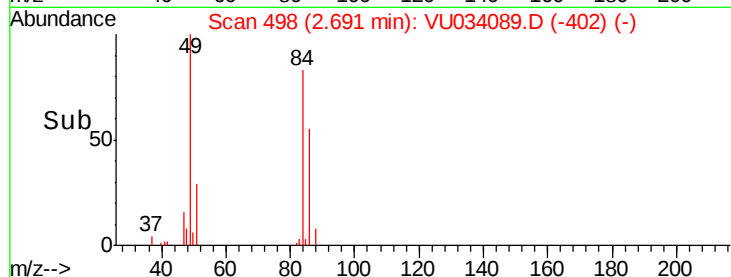
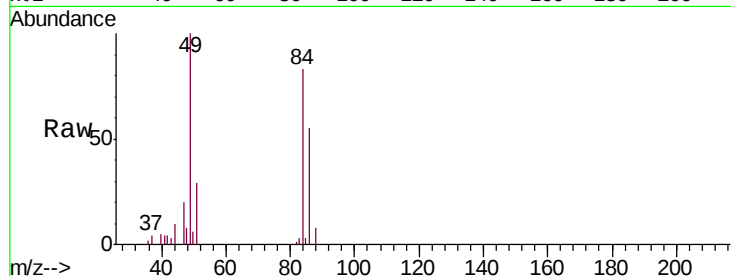
Ion Ratio Lower Upper

84 100

49 120.3 100.2 150.4

51 35.2 30.8 46.2

86 65.7 52.5 78.7



#25

2-Butanone

Concen: 2.823 ug/l

RT: 4.26 min Scan# 987

Delta R.T. 0.03 min

Lab File: VU034089.D

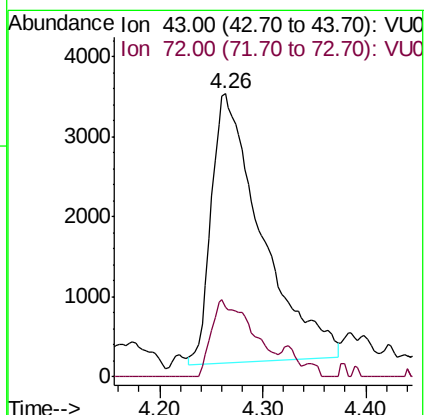
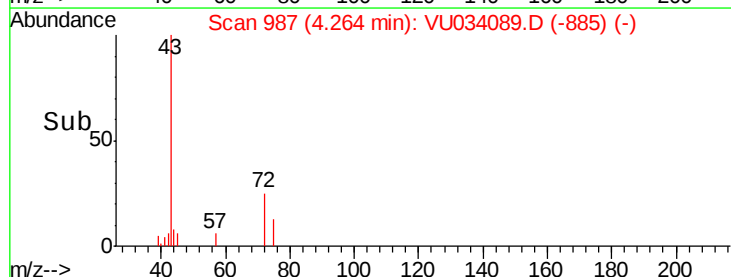
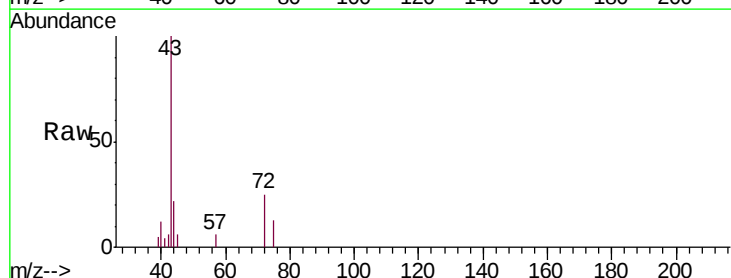
Acq: 30 Aug 2019 11:38

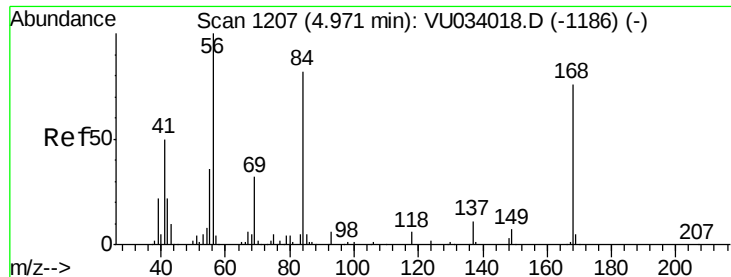
Tgt Ion: 43 Resp: 11457

Ion Ratio Lower Upper

43 100

72 26.5 21.2 31.8

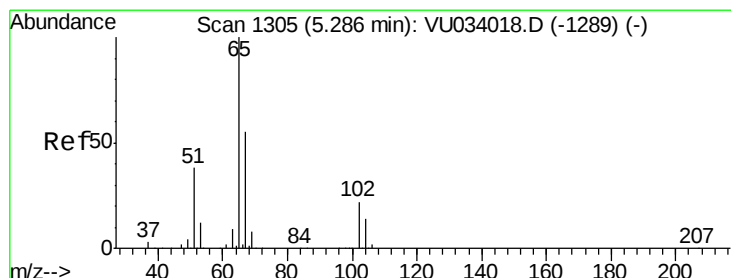
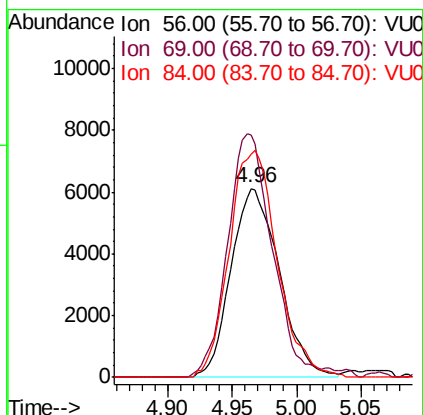
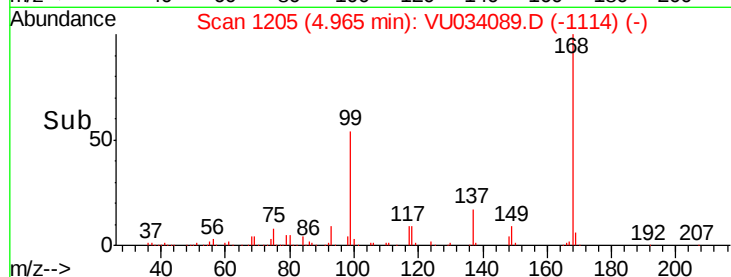
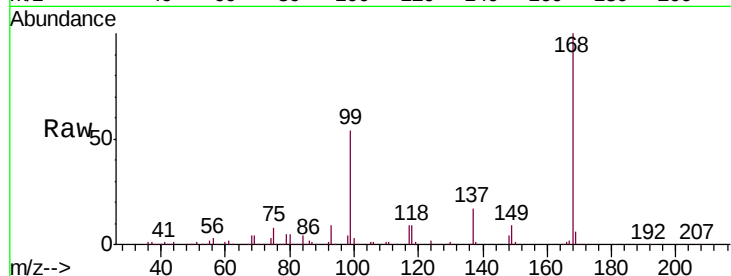




#31
Cyclohexane
Concen: 1.871 ug/l
RT: 4.96 min Scan# 1205
Delta R.T. -0.01 min
Lab File: VU034089.D
Acq: 30 Aug 2019 11:38

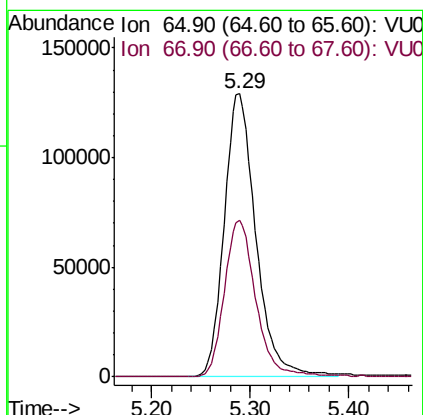
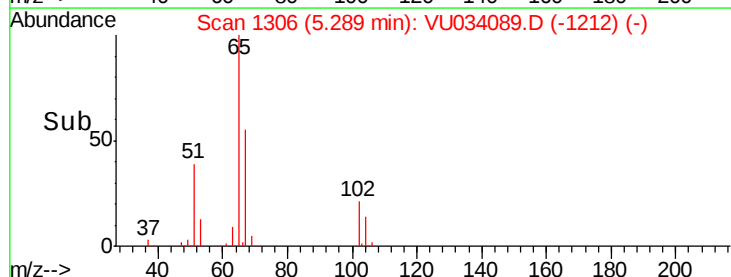
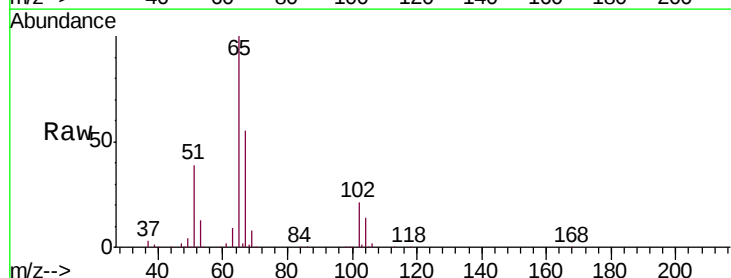
Instrument :
MSVOA_U
ClientSampled :

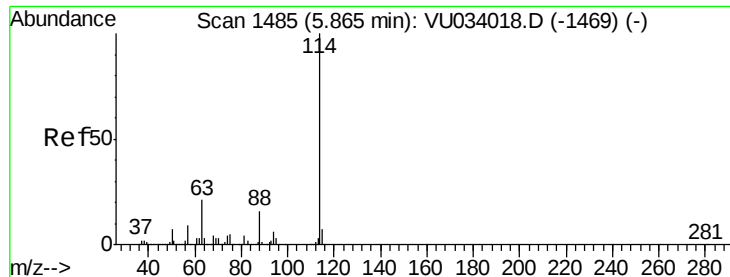
Tot Ion: 56 Resp: 15973
Ion Ratio Lower Upper
56 100
69 128.4 25.4 38.0#
84 117.9 65.8 98.8#



#33
1,2-Dichloroethane-d4
Concen: 50.724 ug/l
RT: 5.29 min Scan# 1306
Delta R.T. 0.00 min
Lab File: VU034089.D
Acq: 30 Aug 2019 11:38

Tgt Ion: 65 Resp: 290005
Ion Ratio Lower Upper
65 100
67 54.7 0.0 110.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.87 min Scan# 1486

Delta R.T. 0.00 min

Lab File: VU034089.D

Acq: 30 Aug 2019 11:38

Instrument :

MSVOA_U

ClientSampleId :

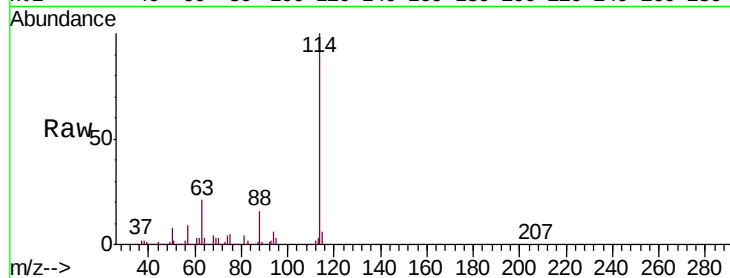
Tot Ion:114 Resp: 738858

Ion Ratio Lower Upper

114 100

63 20.9 0.0 42.0

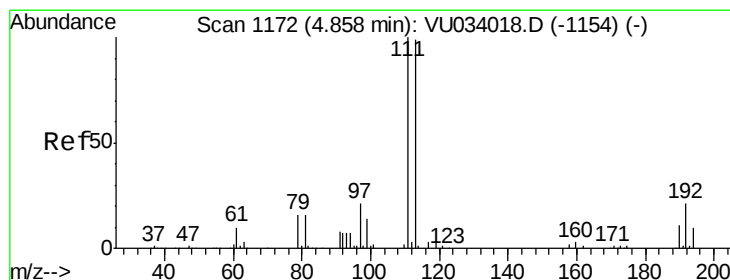
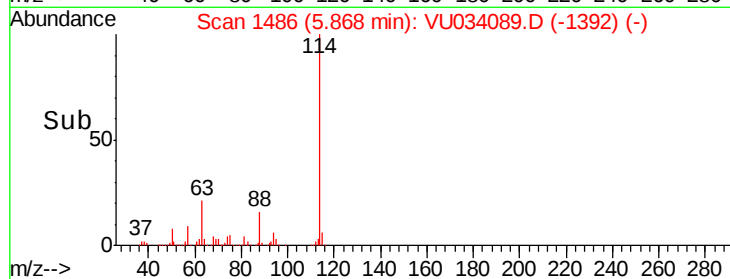
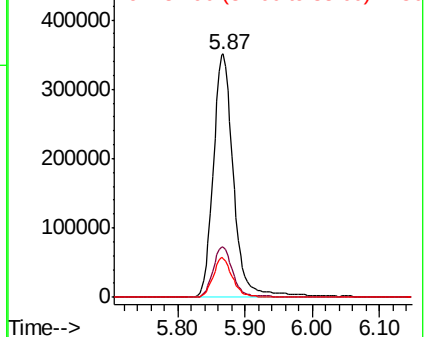
88 16.1 0.0 32.0



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: 47.577 ug/l

RT: 4.86 min Scan# 1173

Delta R.T. 0.00 min

Lab File: VU034089.D

Acq: 30 Aug 2019 11:38

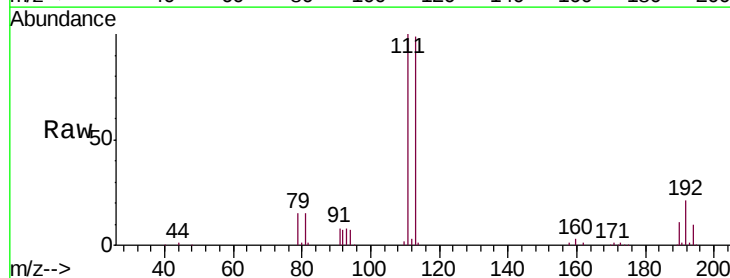
Tgt Ion:113 Resp: 243815

Ion Ratio Lower Upper

113 100

111 101.3 81.7 122.5

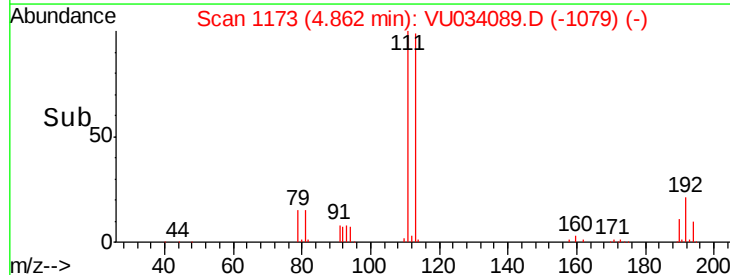
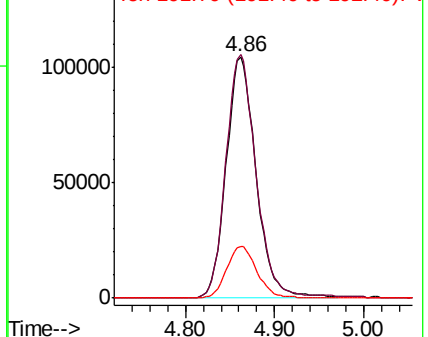
192 21.8 17.1 25.7

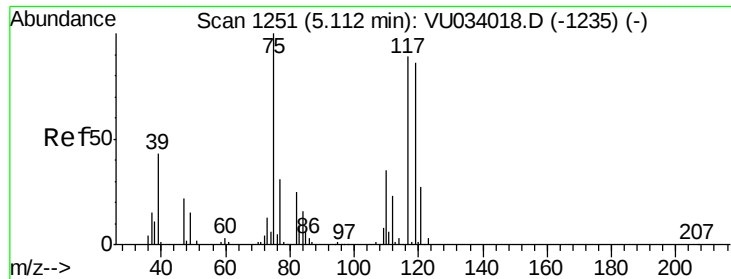


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 4.776 ug/l

RT: 4.96 min Scan# 1204

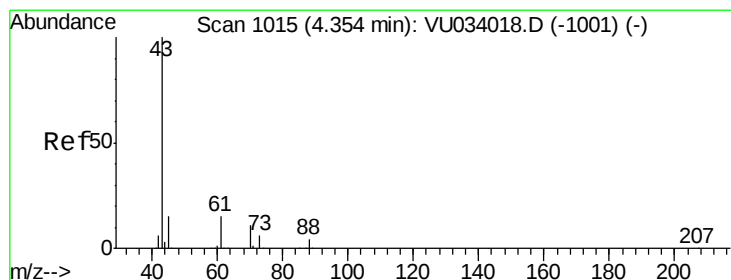
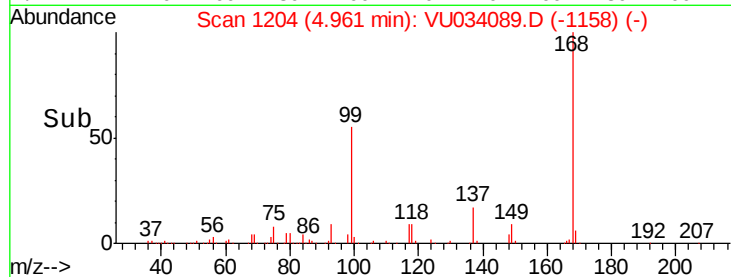
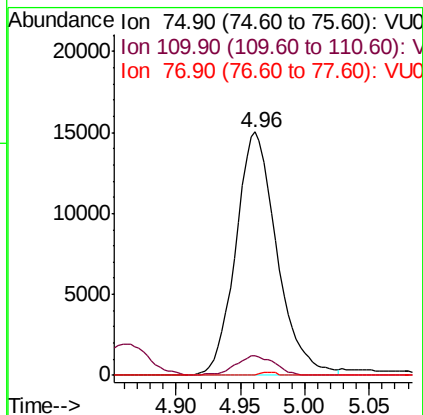
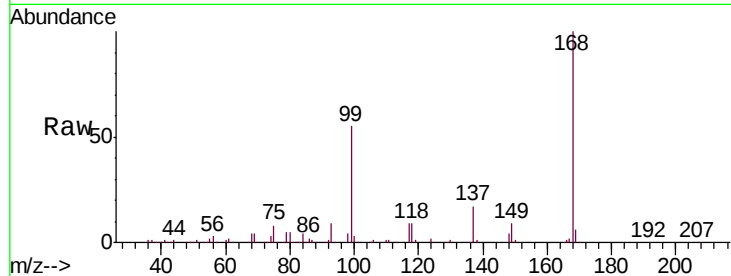
Delta R.T. -0.15 min

Lab File: VU034089.D

Acq: 30 Aug 2019 11:38

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion:	75	Resp:	33381
Ion	Ratio	Lower	Upper
75	100		
110	7.6	17.8	53.5#
77	0.5	25.0	37.4#



#37

Ethyl Acetate

Concen: 1.464 ug/l

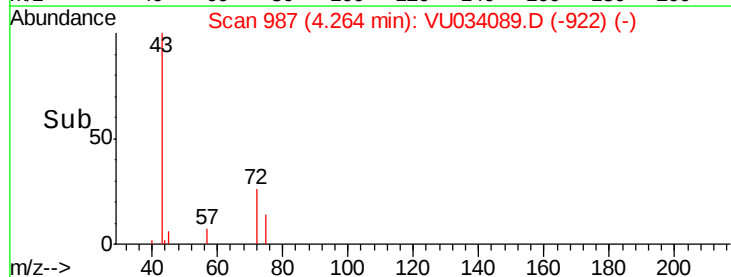
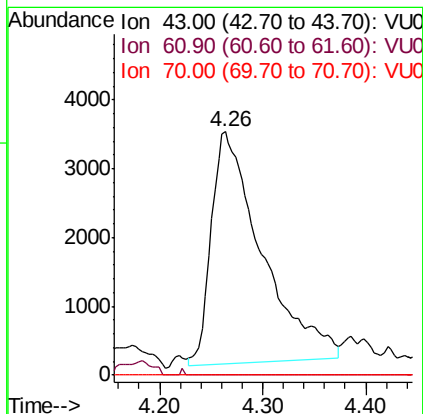
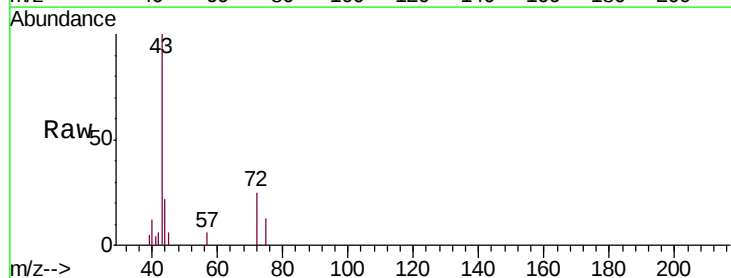
RT: 4.26 min Scan# 987

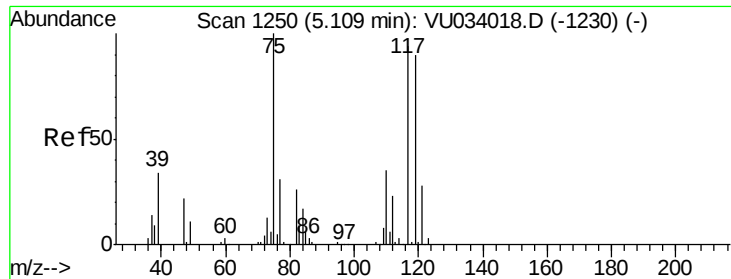
Delta R.T. -0.09 min

Lab File: VU034089.D

Acq: 30 Aug 2019 11:38

Tgt Ion:	43	Resp:	11457
Ion	Ratio	Lower	Upper
43	100		
61	0.0	11.5	17.3#
70	0.0	8.6	12.8#





#38

Carbon Tetrachloride

Concen: 6.210 ug/l

RT: 4.96 min Scan# 1204

Delta R.T. -0.15 min

Lab File: VU034089.D

Acq: 30 Aug 2019 11:38

Instrument :

MSVOA_U

ClientSampled :

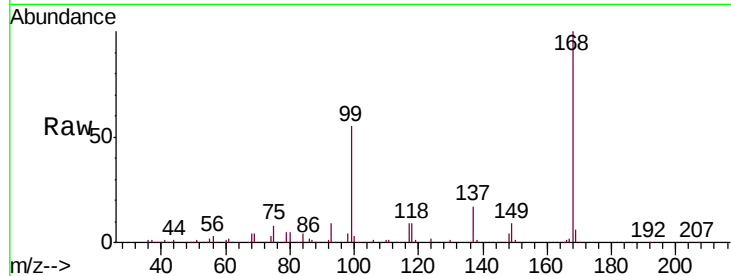
Tot Ion:117 Resp: 41892

Ion Ratio Lower Upper

117 100

119 5.6 77.0 115.4#

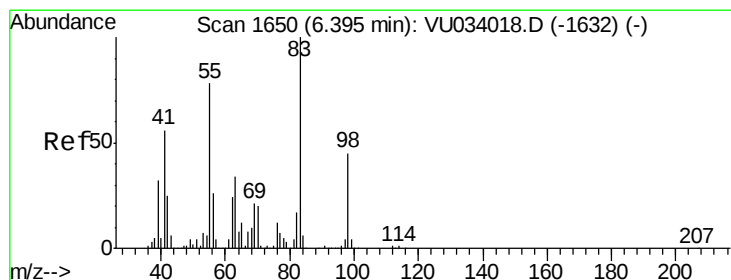
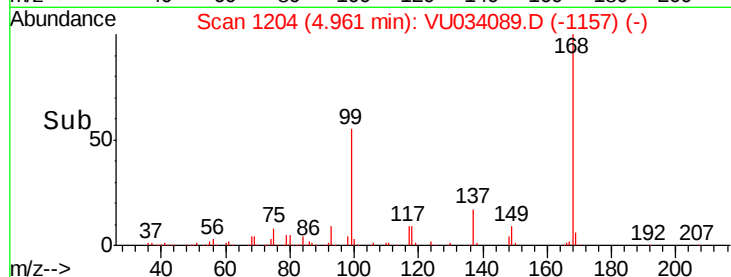
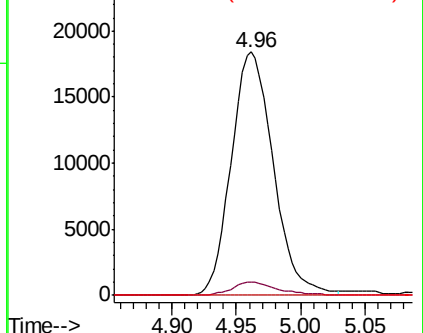
121 0.0 23.9 35.9#



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: 2.025 ug/l

RT: 6.40 min Scan# 1651

Delta R.T. 0.00 min

Lab File: VU034089.D

Acq: 30 Aug 2019 11:38

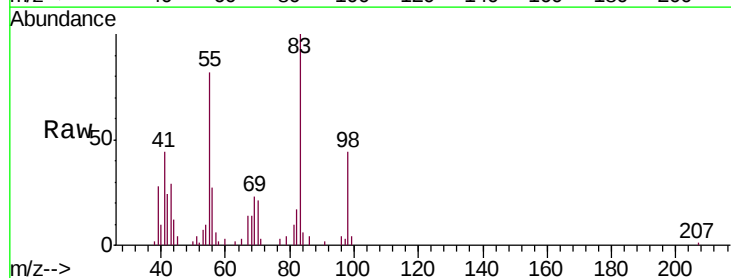
Tgt Ion: 83 Resp: 16680

Ion Ratio Lower Upper

83 100

55 80.4 62.3 93.5

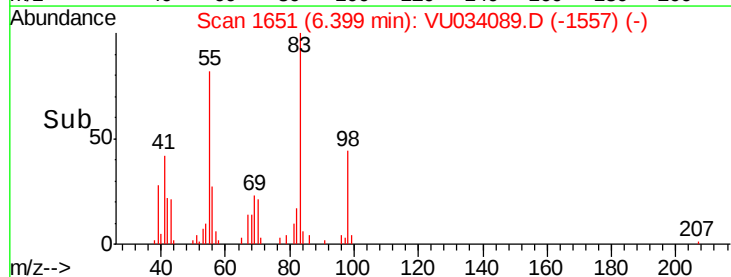
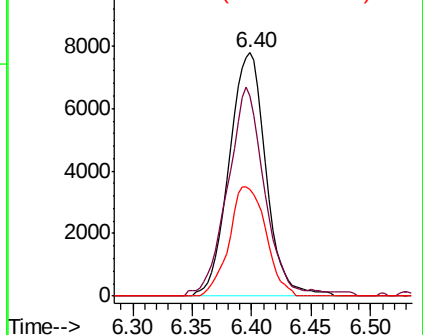
98 43.7 36.2 54.2

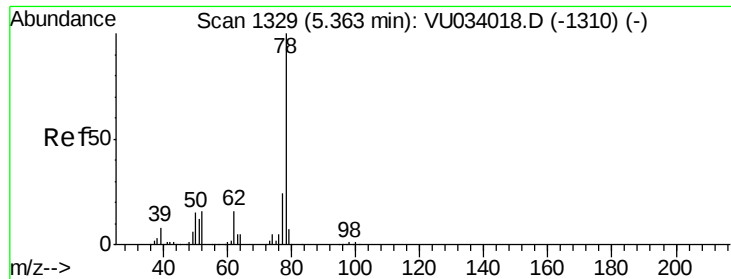


Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 55.00 (54.70 to 55.70): VU0

Ion 98.00 (97.70 to 98.70): VU0

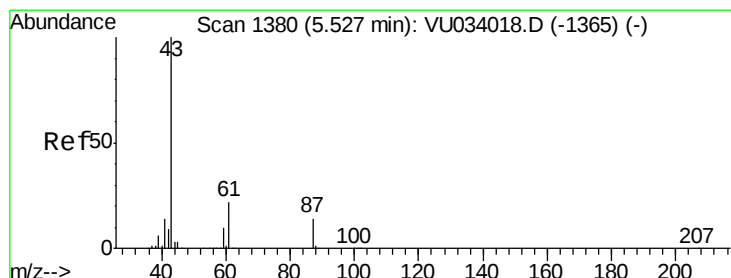
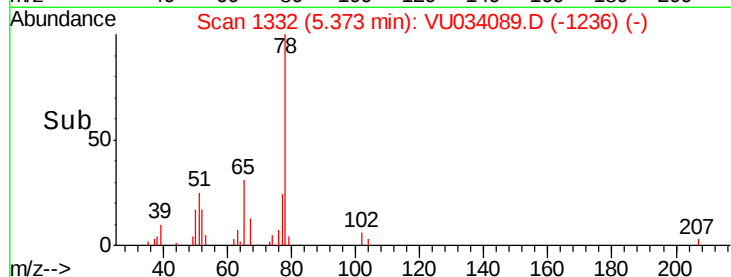
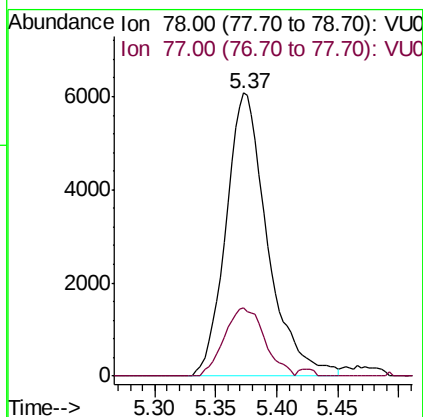
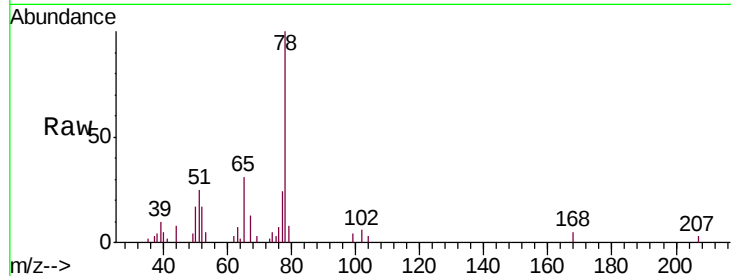




#40
Benzene
Concen: 0.681 ug/l
RT: 5.37 min Scan# 1332
Delta R.T. 0.01 min
Lab File: VU034089.D
Acq: 30 Aug 2019 11:38

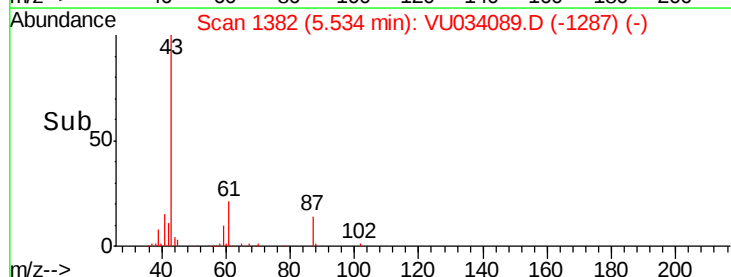
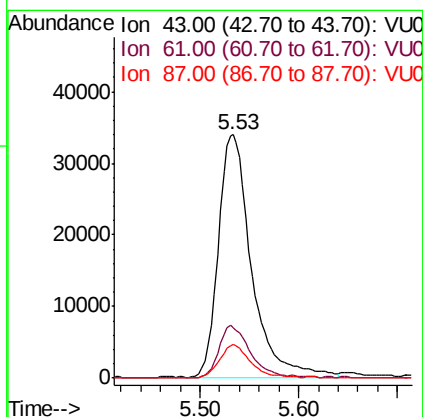
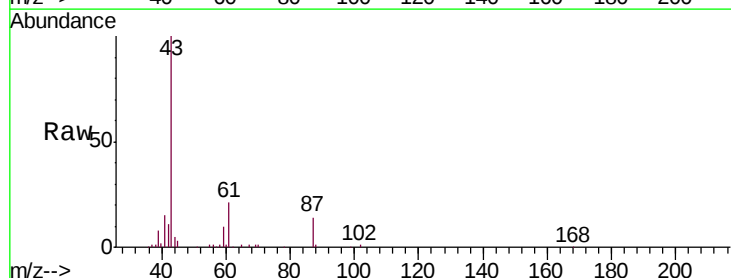
Instrument :
MSVOA_U
ClientSampleId :

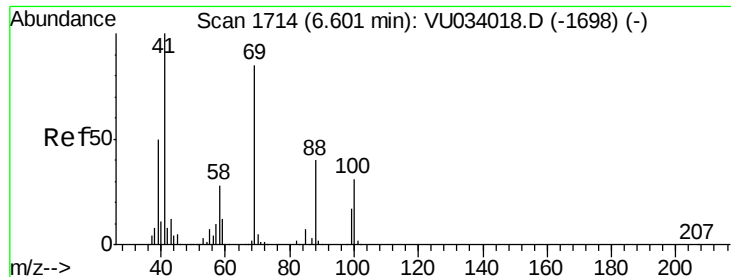
Tot Ion: 78 Resp: 14389
Ion Ratio Lower Upper
78 100
77 24.0 19.0 28.6



#43
Isopropyl Acetate
Concen: 6.781 ug/l
RT: 5.53 min Scan# 1382
Delta R.T. 0.01 min
Lab File: VU034089.D
Acq: 30 Aug 2019 11:38

Tgt Ion: 43 Resp: 80731
Ion Ratio Lower Upper
43 100
61 20.0 17.2 25.8
87 13.0 10.8 16.2

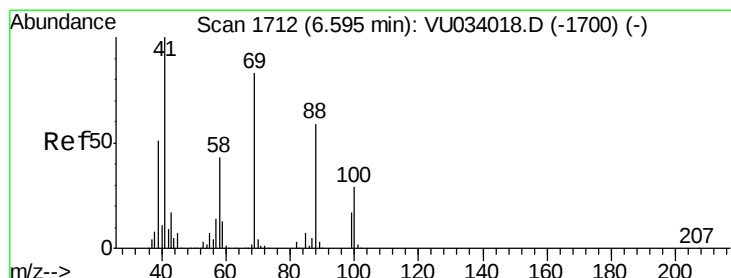
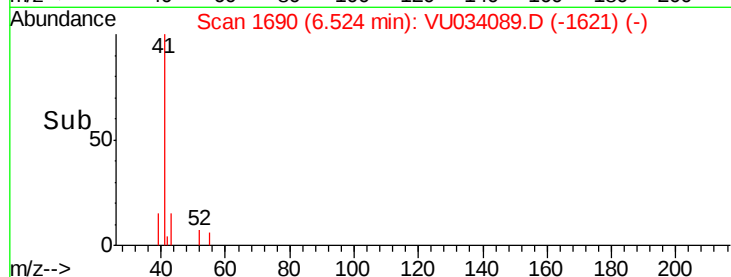
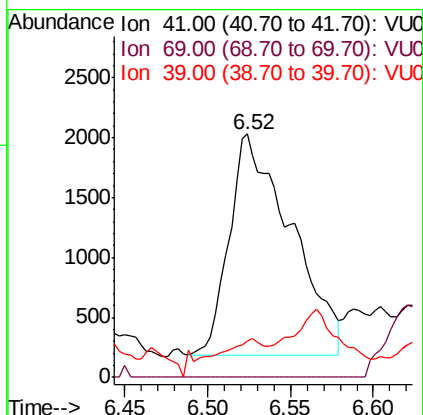
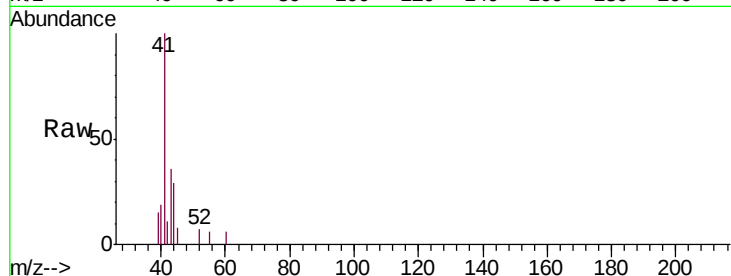




#48
Methvl methacrylate
Concen: 0.829 ug/l
RT: 6.52 min Scan# 1690
Delta R.T. -0.08 min
Lab File: VU034089.D
Acq: 30 Aug 2019 11:38

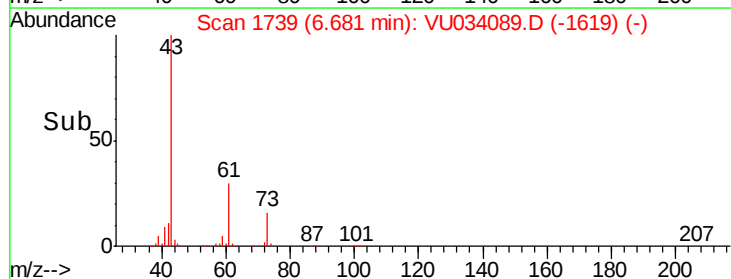
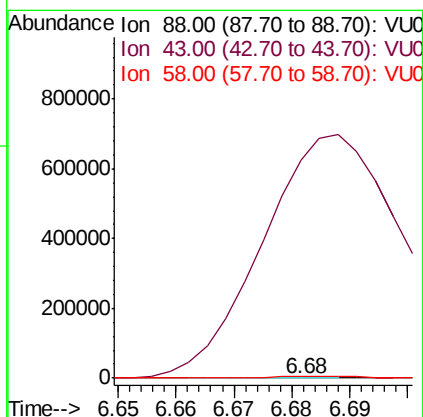
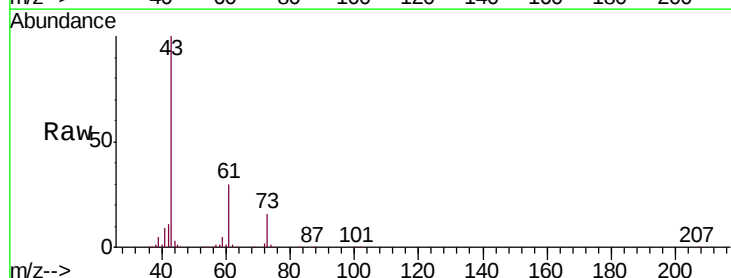
Instrument :
MSVOA_U
ClientSampled :

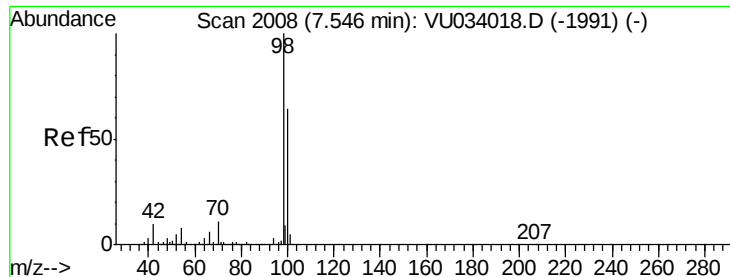
Tot Ion: 41 Resp: 4761
Ion Ratio Lower Upper
41 100
69 0.0 69.5 104.3#
39 0.0 40.3 60.5#



#49
1,4-Dioxane
Concen: 1.028 ug/l
RT: 6.68 min Scan# 1739
Delta R.T. 0.09 min
Lab File: VU034089.D
Acq: 30 Aug 2019 11:38

Tgt Ion: 88 Resp: 148
Ion Ratio Lower Upper
88 100
43 878718.9 24.8 37.2#
58 5331.8 59.3 88.9#

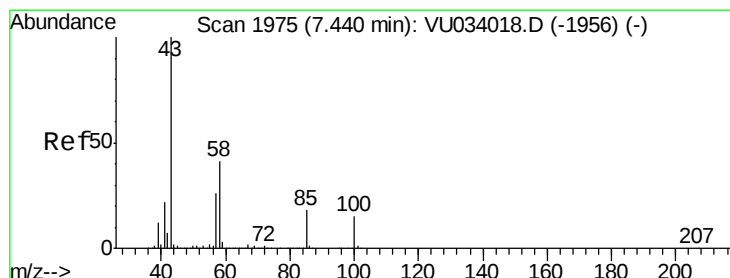
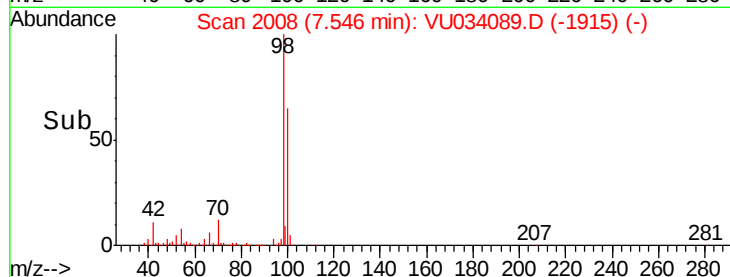
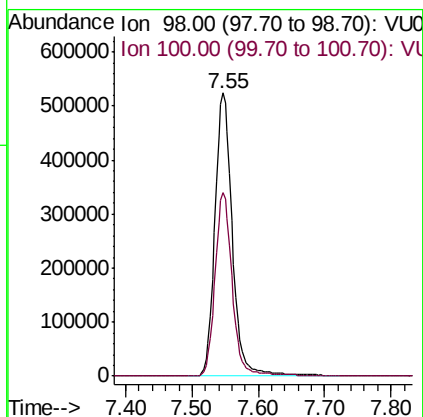
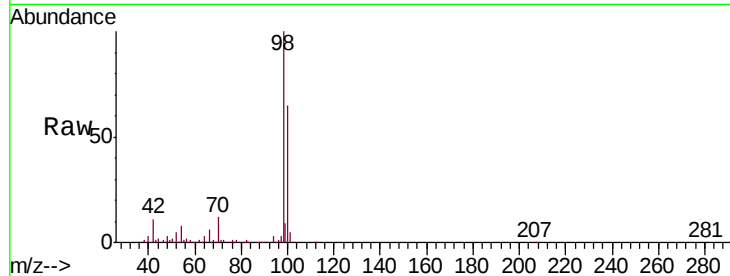




#50
Toluene-d8
Concen: 50.046 ug/l
RT: 7.55 min Scan# 2008
Delta R.T. 0.00 min
Lab File: VU034089.D
Acq: 30 Aug 2019 11:38

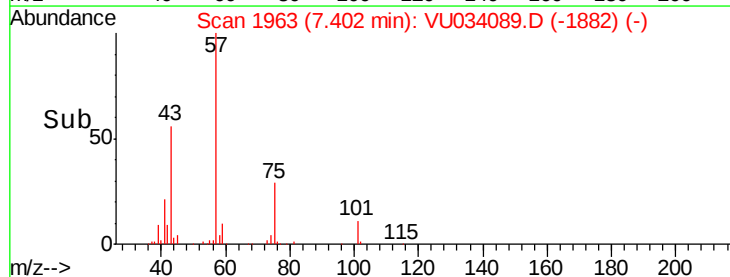
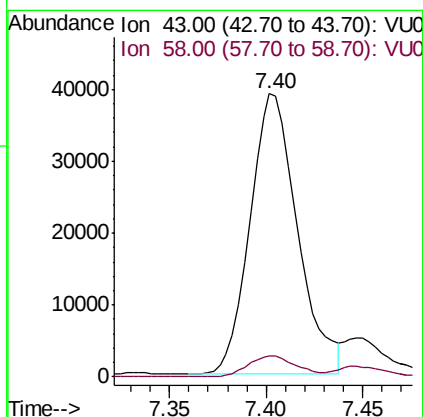
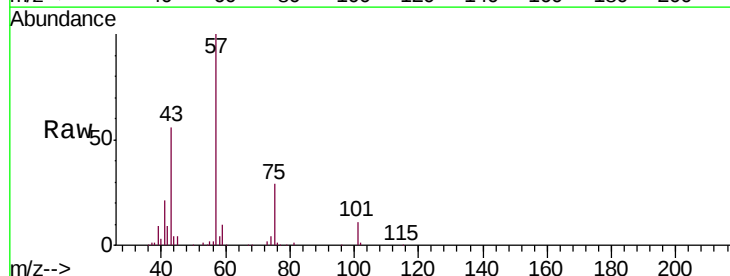
Instrument :
MSVOA_U
ClientSampleId :

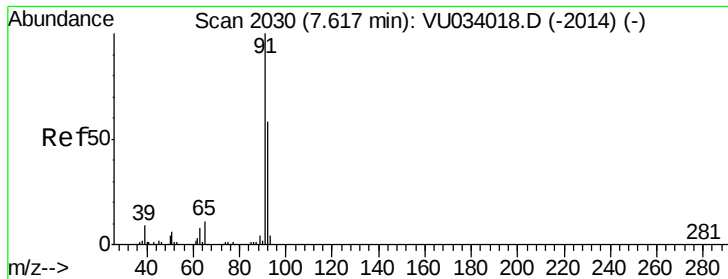
Tot Ion: 98 Resp: 960318
Ion Ratio Lower Upper
98 100
100 64.1 50.3 75.5



#51
4-Methyl-2-Pentanone
Concen: 8.120 ug/l
RT: 7.40 min Scan# 1963
Delta R.T. -0.04 min
Lab File: VU034089.D
Acq: 30 Aug 2019 11:38

Tgt Ion: 43 Resp: 66770
Ion Ratio Lower Upper
43 100
58 7.7 32.2 48.4#





#52

Toluene

Concen: 0.431 ug/l

RT: 7.62 min Scan# 2031

Delta R.T. 0.00 min

Lab File: VU034089.D

Acq: 30 Aug 2019 11:38

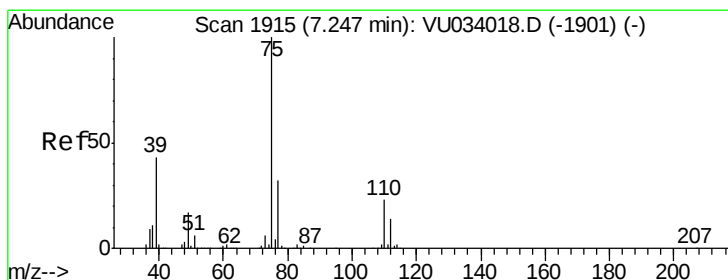
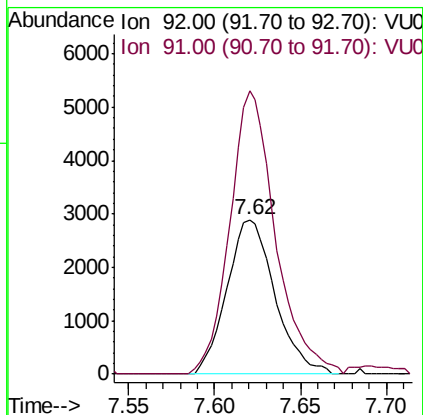
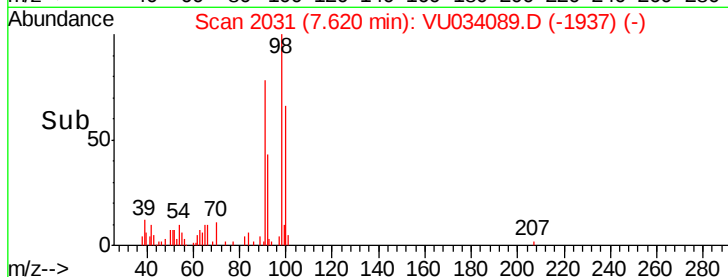
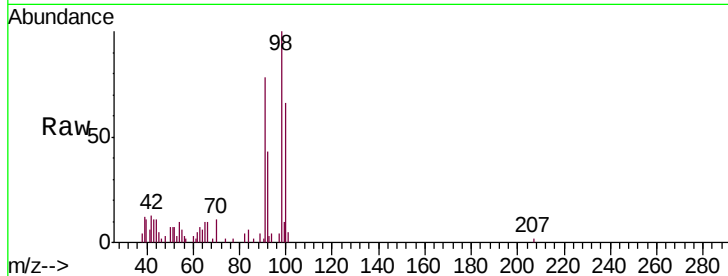
Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 92 Resp: 5614

Ion Ratio Lower Upper

92 100

91 174.0 138.3 207.5



#54

cis-1,3-Dichloropropene

Concen: 3.958 ug/l

RT: 7.40 min Scan# 1964

Delta R.T. 0.16 min

Lab File: VU034089.D

Acq: 30 Aug 2019 11:38

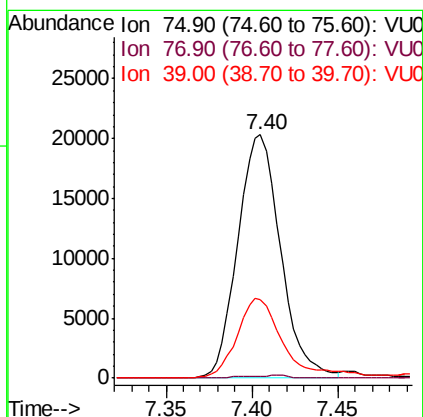
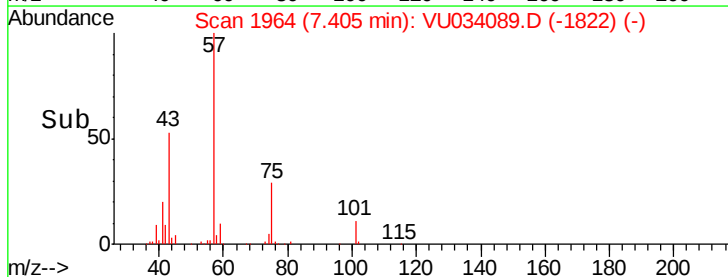
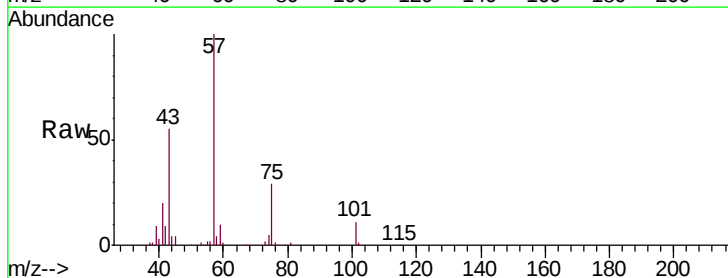
Tgt Ion: 75 Resp: 35206

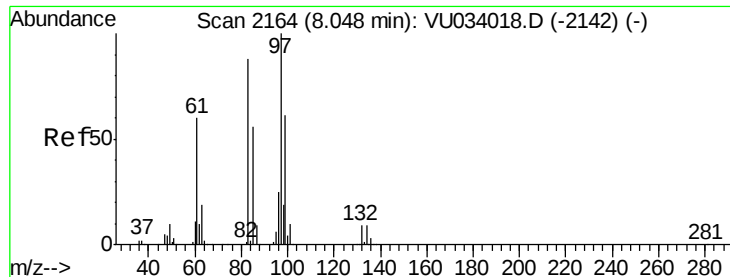
Ion Ratio Lower Upper

75 100

77 0.9 25.2 37.8#

39 32.4 34.6 51.8#





#55

1,1,2-Trichloroethane

Concen: 0.333 ug/l

RT: 8.03 min Scan# 2157

Delta R.T. -0.02 min

Lab File: VU034089.D

Acq: 30 Aug 2019 11:38

Instrument :

MSVOA_U

ClientSampleId :

Tot Ion: 97 Resp: 1833

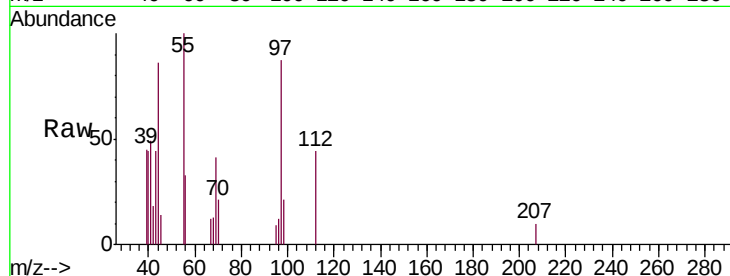
Ion Ratio Lower Upper

97 100

83 0.0 70.1 105.1#

85 0.0 45.0 67.4#

99 0.0 49.8 74.8#

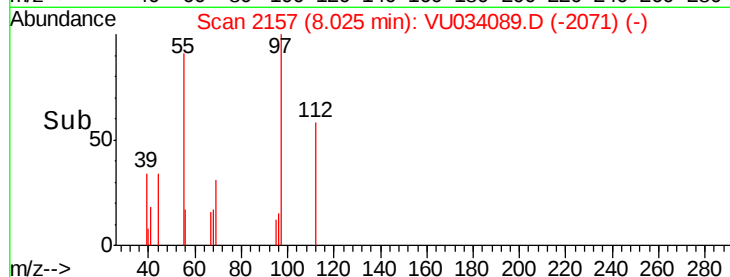
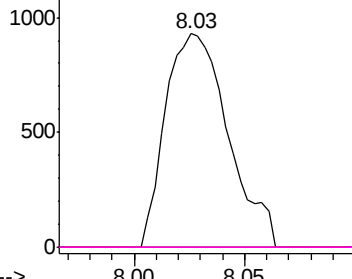


Abundance Ion 96.90 (96.60 to 97.60): VU0

Ion 82.90 (82.60 to 83.60): VU0

Ion 84.90 (84.60 to 85.60): VU0

Ion 98.90 (98.60 to 99.60): VU0



#56

Ethyl methacrylate

Concen: 1.066 ug/l

RT: 8.03 min Scan# 2158

Delta R.T. 0.03 min

Lab File: VU034089.D

Acq: 30 Aug 2019 11:38

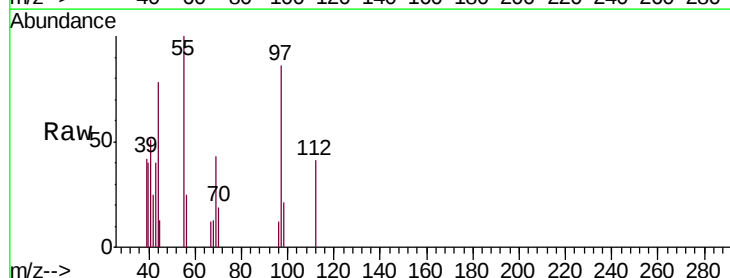
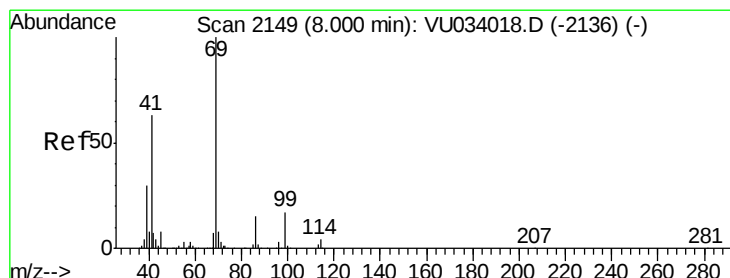
Tgt Ion: 69 Resp: 878

Ion Ratio Lower Upper

69 100

41 0.0 50.7 76.1#

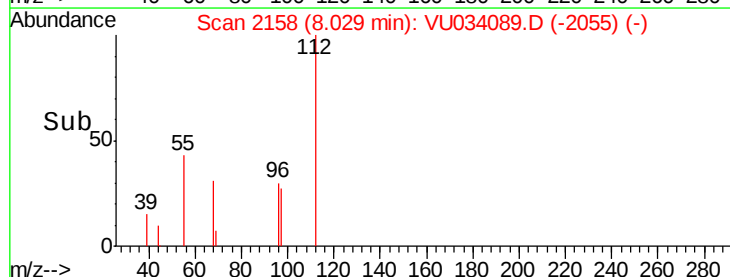
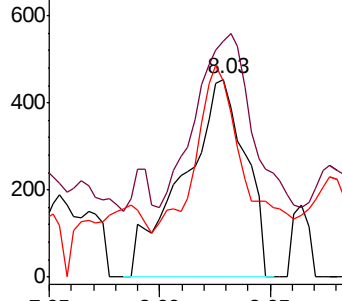
39 0.0 24.2 36.2#

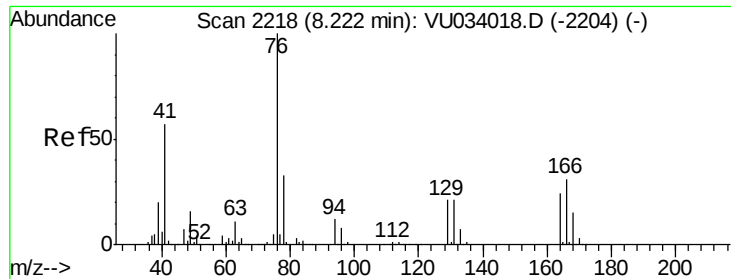


Abundance Ion 69.00 (68.70 to 69.70): VU0

Ion 41.00 (40.70 to 41.70): VU0

Ion 39.00 (38.70 to 39.70): VU0





#57

1,3-Dichloropropane

Concen: 0.632 ug/l

RT: 8.40 min Scan# 2273

Delta R.T. 0.18 min

Lab File: VU034089.D

Acq: 30 Aug 2019 11:38

Instrument :

MSVOA_U

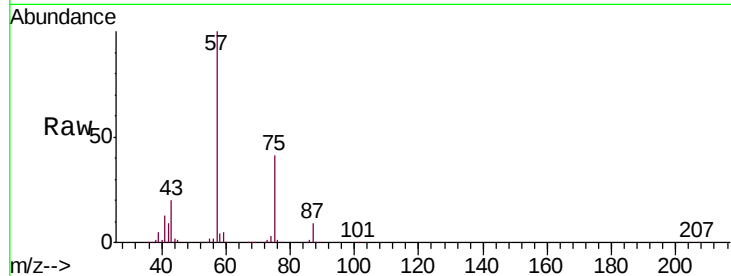
ClientSampleId :

Tot Ion: 76 Resp: 5912

Ion Ratio Lower Upper

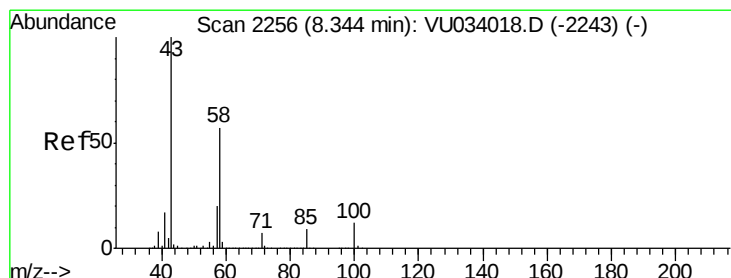
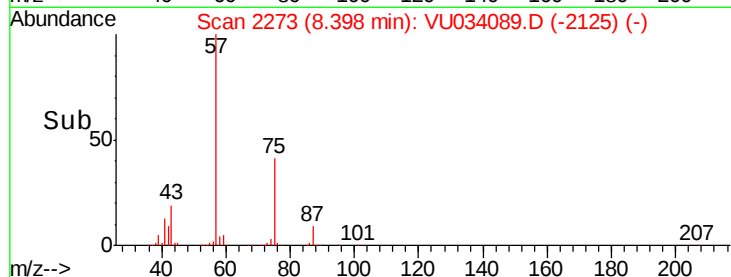
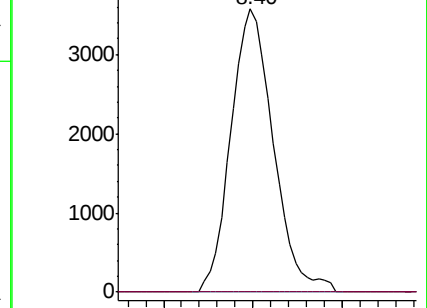
76 100

78 0.0 26.2 39.4#



Abundance Ion 75.90 (75.60 to 76.60): VU0

Ion 77.90 (77.60 to 78.60): VU0



#59

2-Hexanone

Concen: 12.334 ug/l

RT: 8.40 min Scan# 2273

Delta R.T. 0.05 min

Lab File: VU034089.D

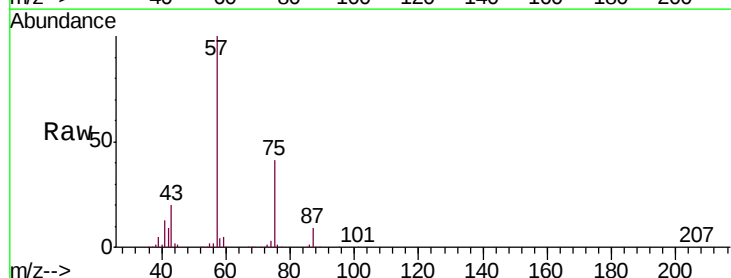
Acq: 30 Aug 2019 11:38

Tgt Ion: 43 Resp: 76561

Ion Ratio Lower Upper

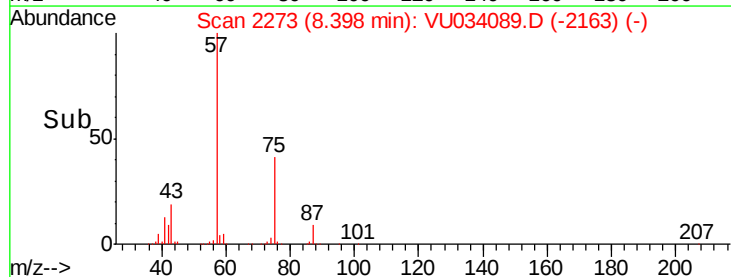
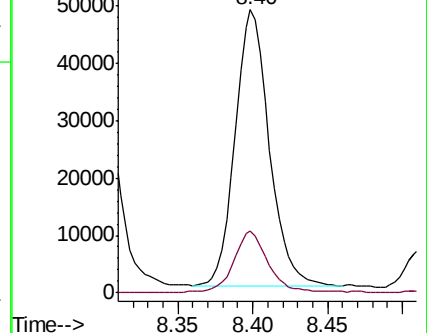
43 100

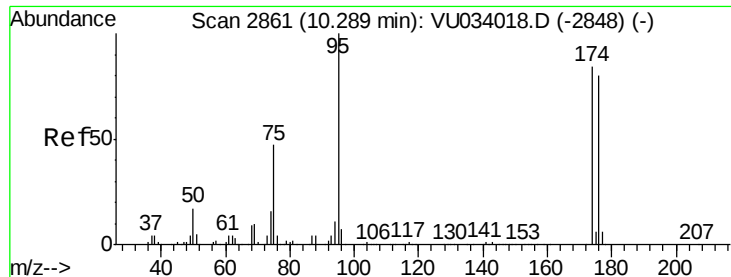
58 23.1 28.4 85.3#



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

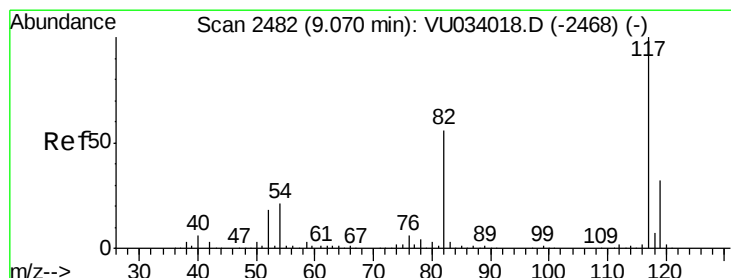
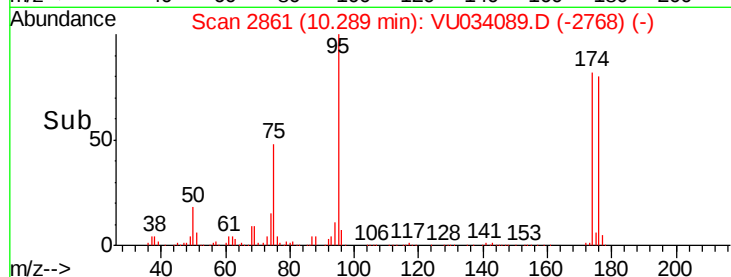
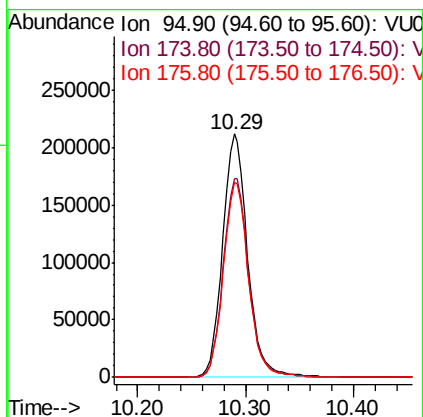
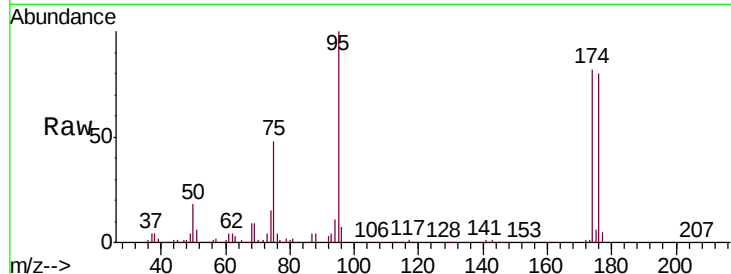




#62
4-Bromofluorobenzene
Concen: 45.705 ug/l
RT: 10.29 min Scan# 2861
Delta R.T. 0.00 min
Lab File: VU034089.D
Acq: 30 Aug 2019 11:38

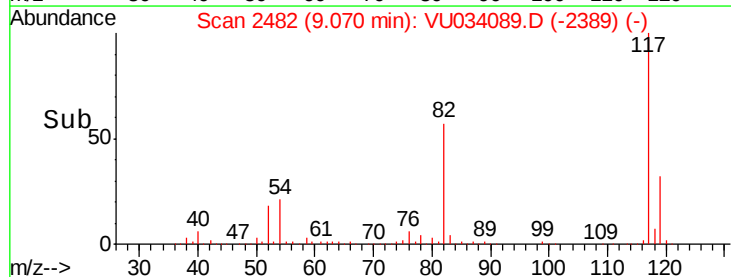
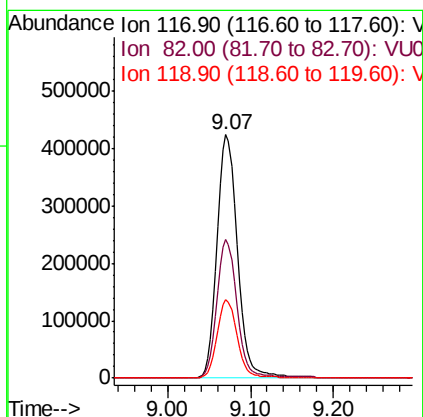
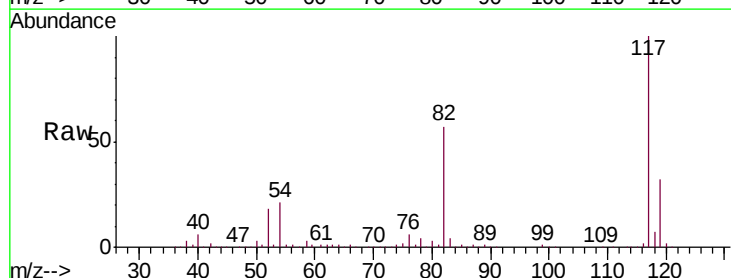
Instrument :
MSVOA_U
ClientSampleId :

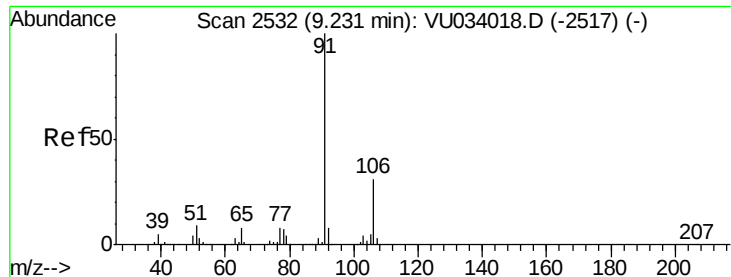
Tot Ion	Ratio	Lower	Upper
95	100		
174	83.5	0.0	168.8
176	81.1	0.0	161.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.07 min Scan# 2482
Delta R.T. 0.00 min
Lab File: VU034089.D
Acq: 30 Aug 2019 11:38

Tgt Ion	Ratio	Lower	Upper
117	100		
82	56.7	45.1	67.7
119	32.3	25.4	38.0

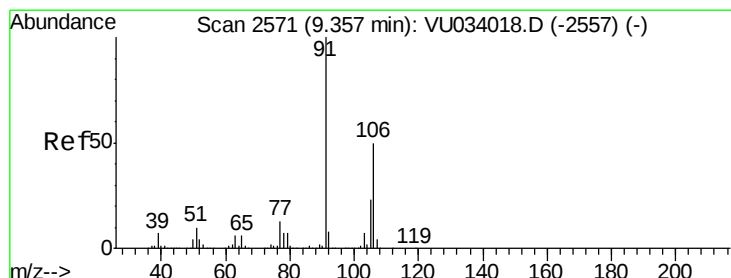
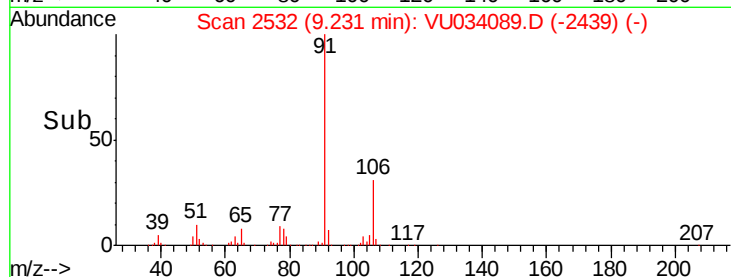
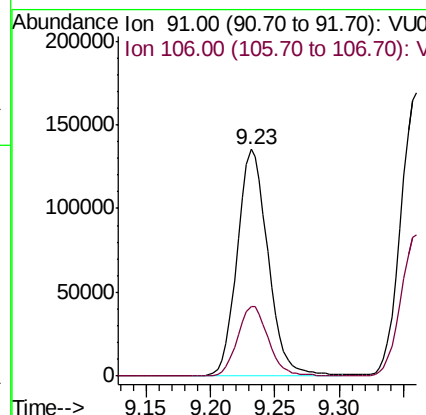
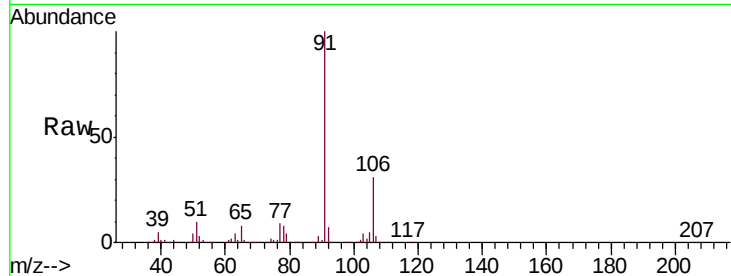




#67
Ethyl Benzene
Concen: 8.878 ug/l
RT: 9.23 min Scan# 2532
Delta R.T. 0.00 min
Lab File: VU034089.D
Acq: 30 Aug 2019 11:38

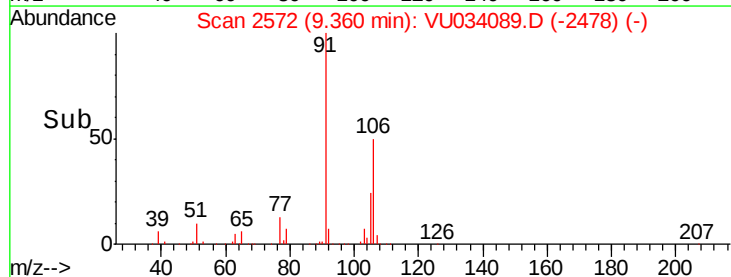
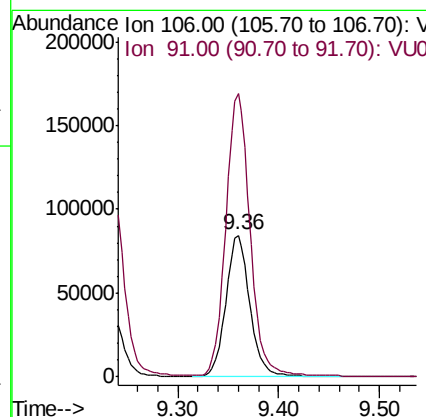
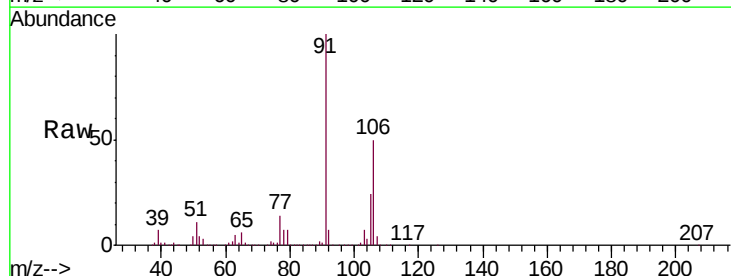
Instrument :
MSVOA_U
ClientSampled :

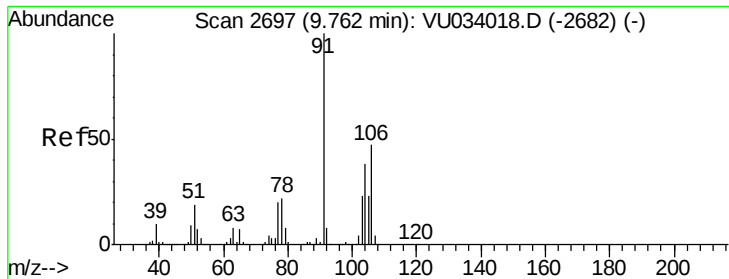
Tot Ion: 91 Resp: 225533
Ion Ratio Lower Upper
91 100
106 30.9 24.9 37.3



#68
m/p-Xylenes
Concen: 14.476 ug/l
RT: 9.36 min Scan# 2572
Delta R.T. 0.00 min
Lab File: VU034089.D
Acq: 30 Aug 2019 11:38

Tgt Ion: 106 Resp: 139829
Ion Ratio Lower Upper
106 100
91 202.4 161.6 242.4

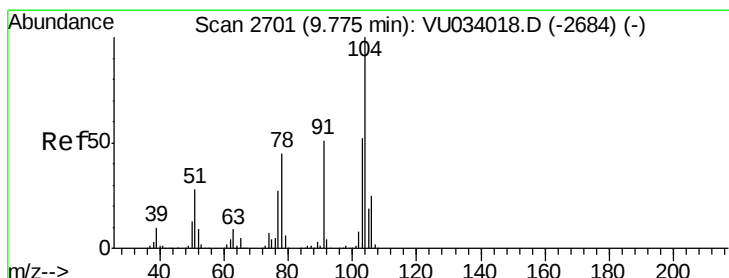
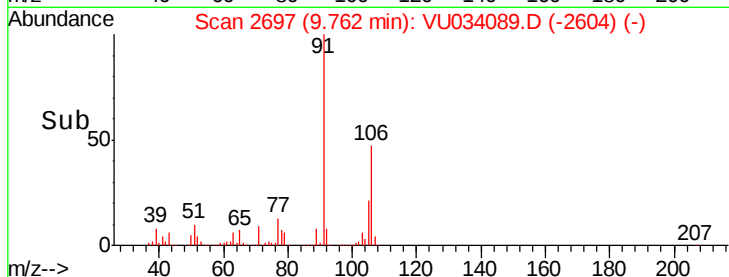
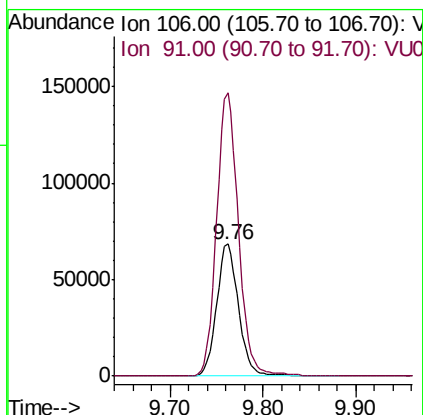
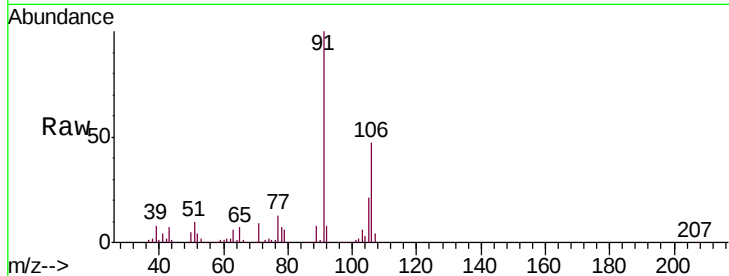




#69
o-Xylene
Concen: 12.061 ug/l
RT: 9.76 min Scan# 2697
Delta R.T. 0.00 min
Lab File: VU034089.D
Acq: 30 Aug 2019 11:38

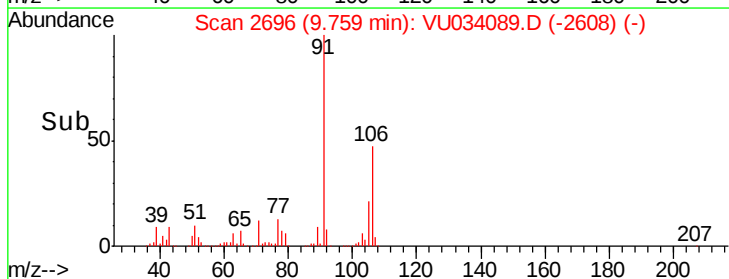
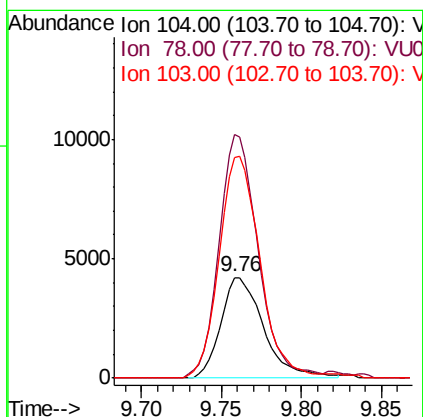
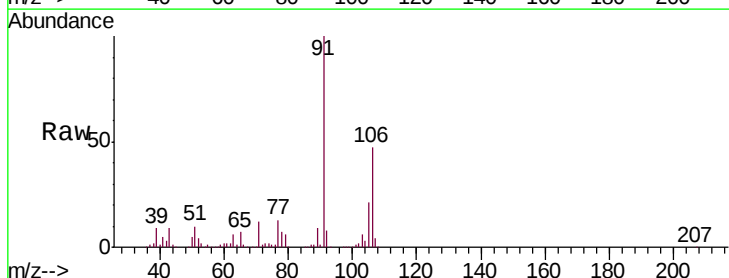
Instrument :
MSVOA_U
ClientSampled :

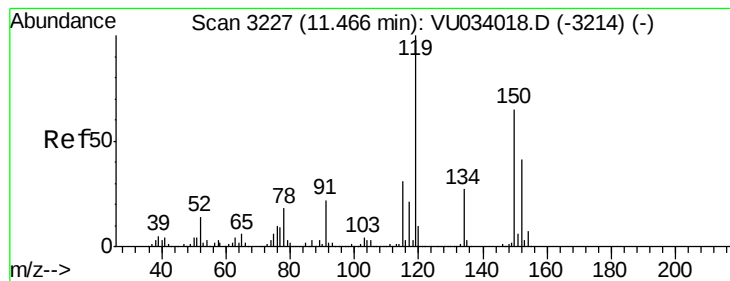
Tot Ion:106 Resp: 111775
Ion Ratio Lower Upper
106 100
91 214.3 106.0 318.0



#70
Styrene
Concen: 0.486 ug/l
RT: 9.76 min Scan# 2696
Delta R.T. -0.02 min
Lab File: VU034089.D
Acq: 30 Aug 2019 11:38

Tgt Ion:104 Resp: 7727
Ion Ratio Lower Upper
104 100
78 221.5 39.0 58.4#
103 212.3 44.0 66.0#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.46 min Scan# 3226

Delta R.T. -0.00 min

Lab File: VU034089.D

Acq: 30 Aug 2019 11:38

Instrument :

MSVOA_U

ClientSampleId :

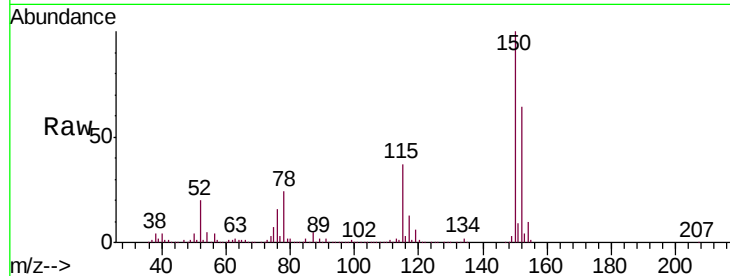
Tot Ion:152 Resp: 392005

Ion Ratio Lower Upper

152 100

115 57.1 41.1 123.3

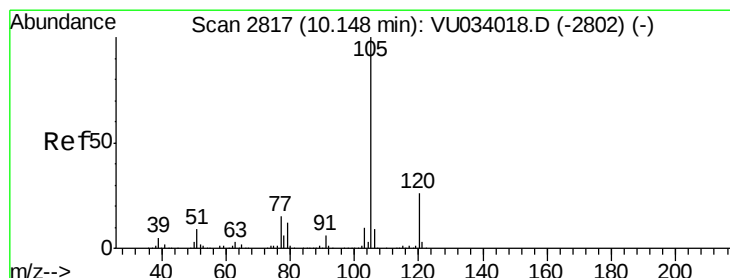
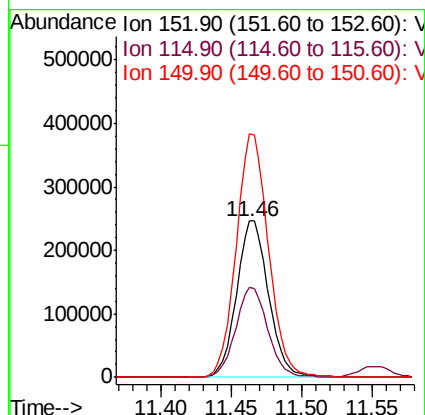
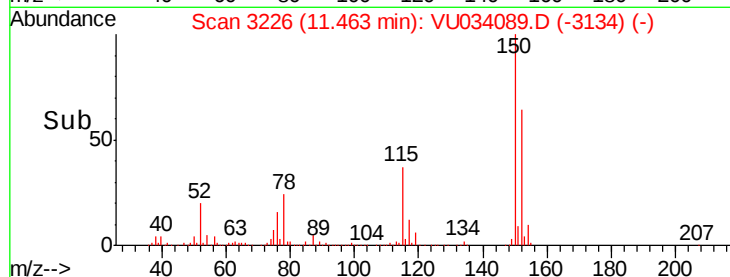
150 157.2 0.0 348.8



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: 3.054 ug/l

RT: 10.15 min Scan# 2817

Delta R.T. 0.00 min

Lab File: VU034089.D

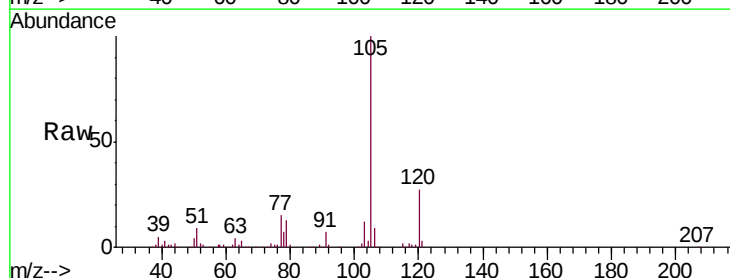
Acq: 30 Aug 2019 11:38

Tgt Ion:105 Resp: 80424

Ion Ratio Lower Upper

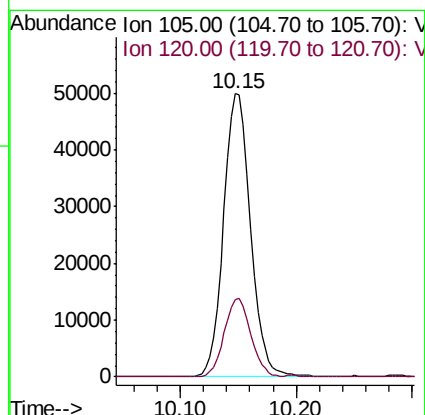
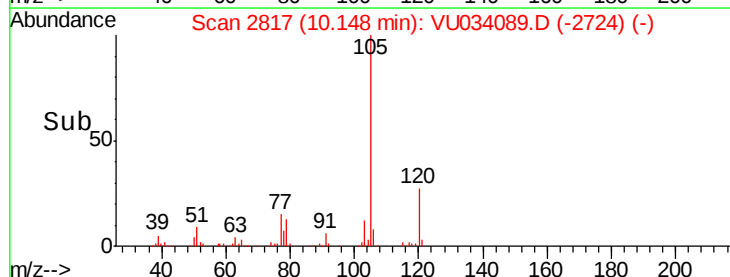
105 100

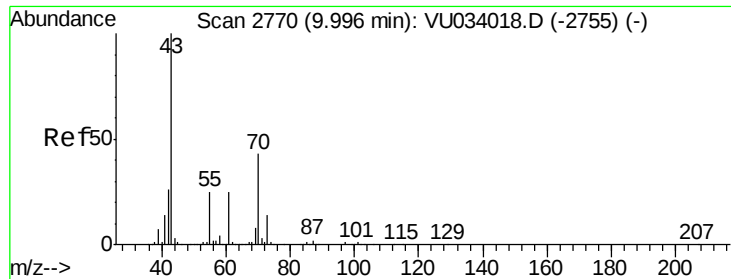
120 27.2 13.3 39.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 0.292 ug/l

RT: 9.92 min Scan# 2745

Delta R.T. -0.08 min

Lab File: VU034089.D

Acq: 30 Aug 2019 11:38

Instrument :

MSVOA_U

ClientSampleId :

Tot Ion: 43 Resp: 3229

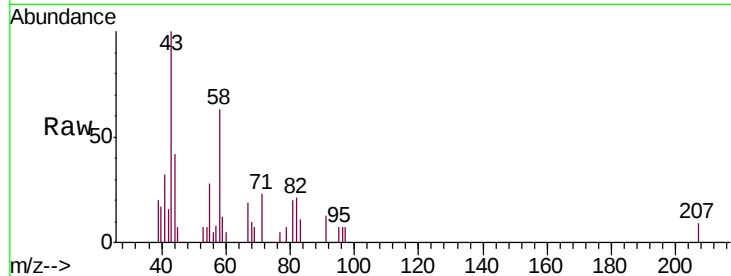
Ion Ratio Lower Upper

43 100

70 0.0 35.2 52.8#

55 27.3 20.5 30.7

61 0.0 20.0 30.0#

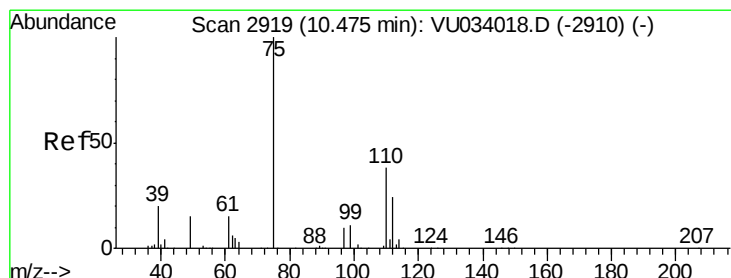
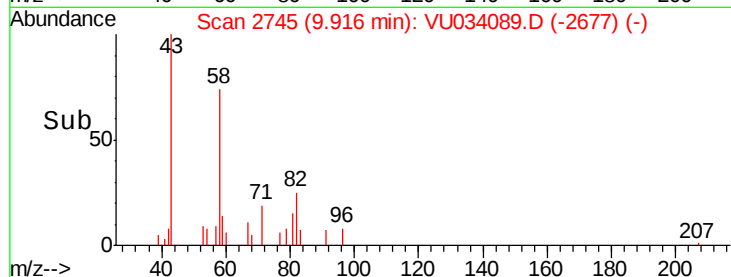
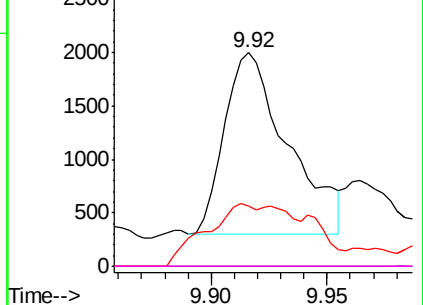


Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 70.00 (69.70 to 70.70): VU0

Ion 55.00 (54.70 to 55.70): VU0

Ion 61.00 (60.70 to 61.70): VU0



#76

1,2,3-Trichloropropane

Concen: 18.630 ug/l

RT: 10.29 min Scan# 2861

Delta R.T. -0.19 min

Lab File: VU034089.D

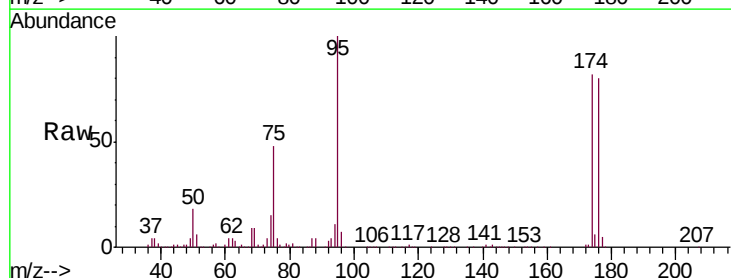
Acq: 30 Aug 2019 11:38

Tgt Ion: 75 Resp: 164598

Ion Ratio Lower Upper

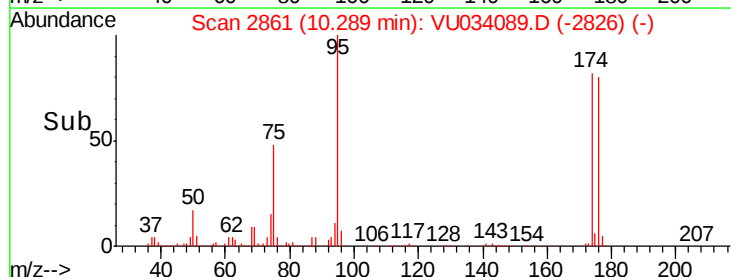
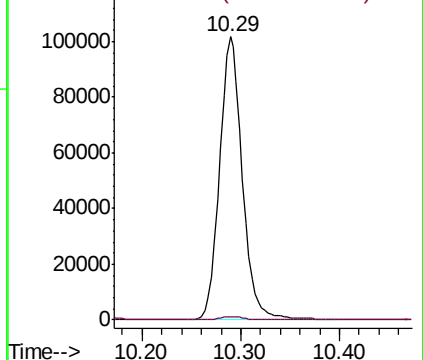
75 100

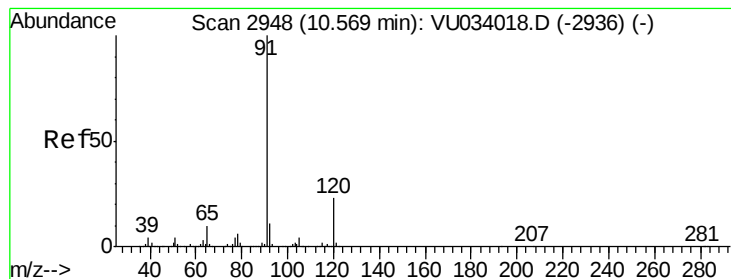
77 1.4 20.1 60.2#



Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 77.00 (76.70 to 77.70): VU0





#78

n-propylbenzene

Concen: 4.234 ug/l

RT: 10.57 min Scan# 2948

Delta R.T. 0.00 min

Lab File: VU034089.D

Acq: 30 Aug 2019 11:38

Instrument :

MSVOA_U

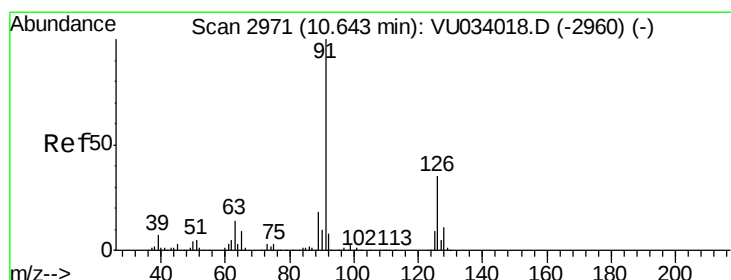
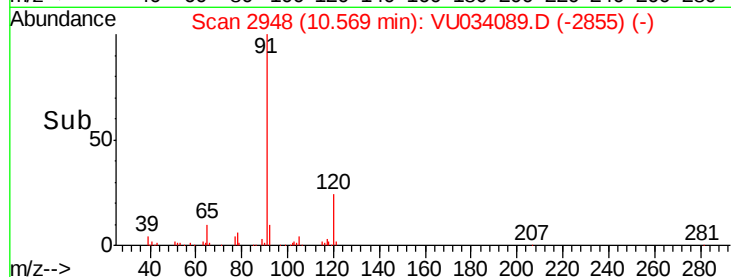
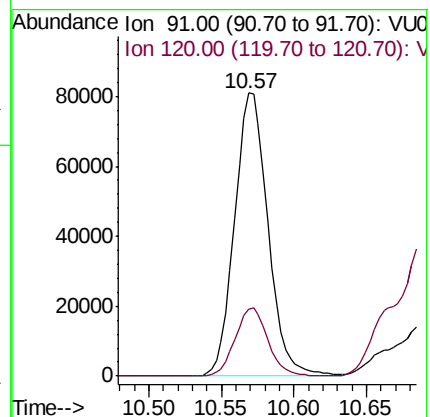
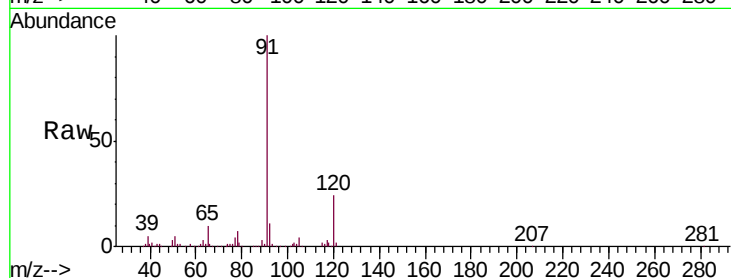
ClientSampleId :

Tot Ion: 91 Resp: 129828

Ion Ratio Lower Upper

91 100

120 23.7 11.7 35.0



#79

2-Chlorotoluene

Concen: 1.808 ug/l

RT: 10.69 min Scan# 2985

Delta R.T. 0.05 min

Lab File: VU034089.D

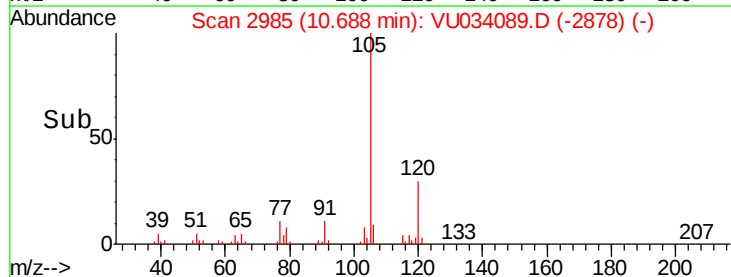
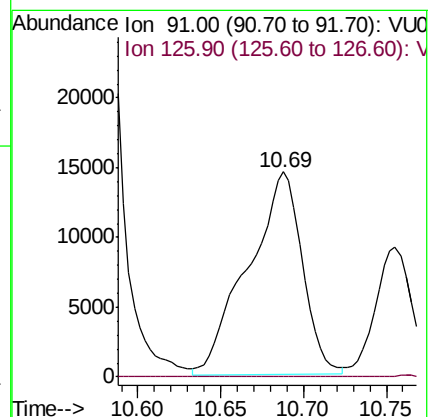
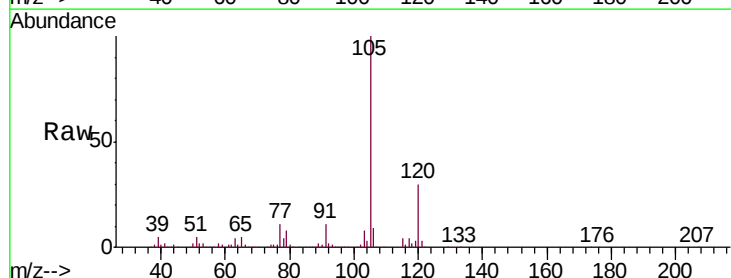
Acq: 30 Aug 2019 11:38

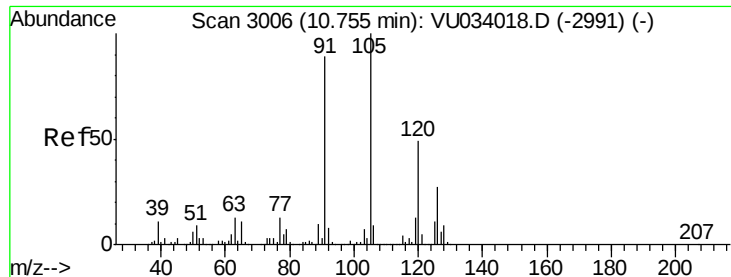
Tgt Ion: 91 Resp: 33261

Ion Ratio Lower Upper

91 100

126 0.0 17.1 51.2#

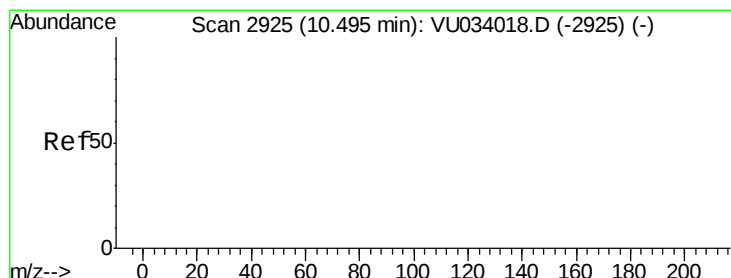
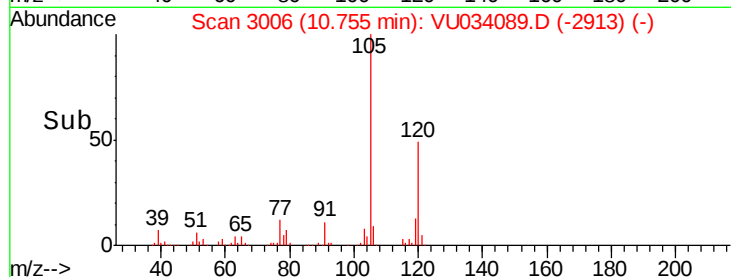
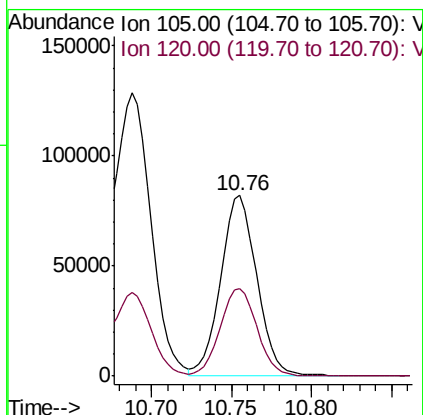
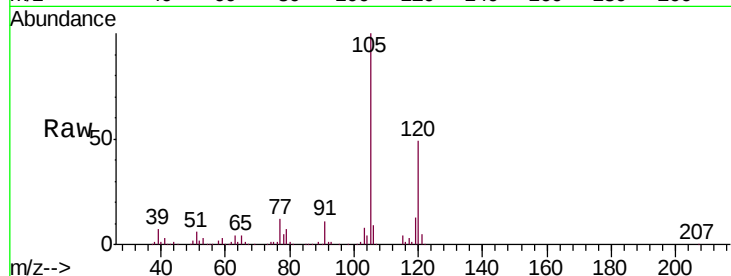




#80
 1,3,5-Trimethylbenzene
 Concen: 5.670 ug/l
 RT: 10.76 min Scan# 3006
 Delta R.T. 0.00 min
 Lab File: VU034089.D
 Acq: 30 Aug 2019 11:38

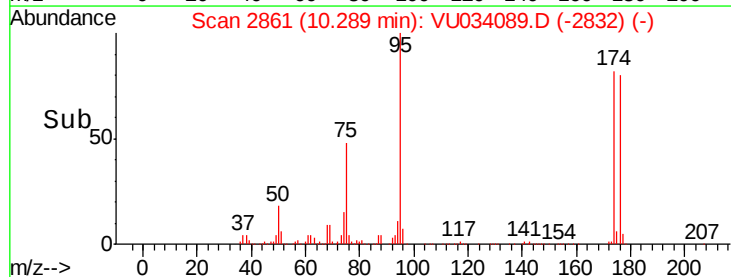
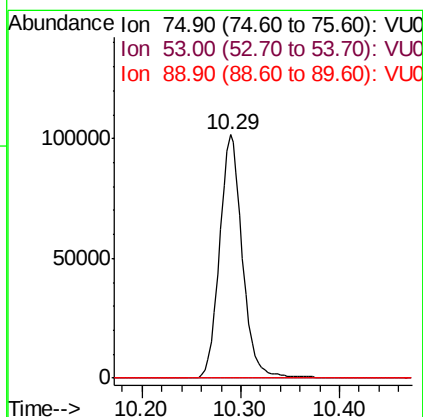
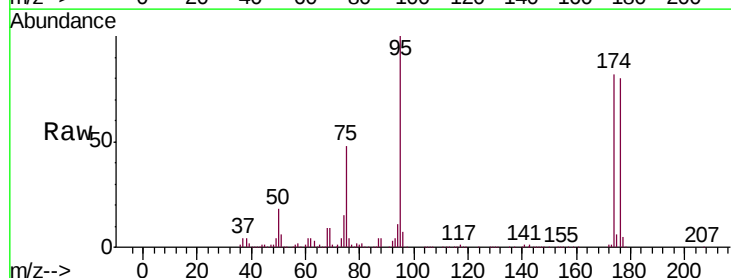
Instrument :
 MSVOA_U
 ClientSampled :

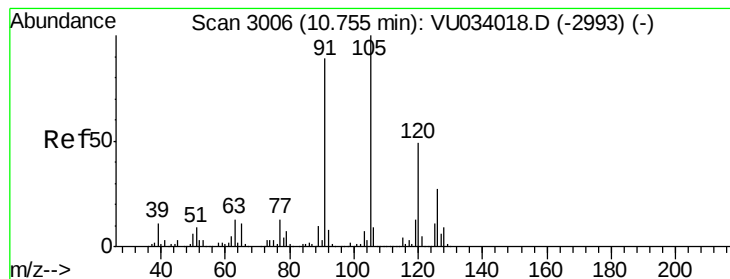
Tot Ion:105 Resp: 126544
 Ion Ratio Lower Upper
 105 100
 120 49.3 24.6 73.6



#81
 trans-1,4-Dichloro-2-butene
 Concen: 62.732 ug/l
 RT: 10.29 min Scan# 2861
 Delta R.T. -0.21 min
 Lab File: VU034089.D
 Acq: 30 Aug 2019 11:38

Tgt Ion: 75 Resp: 164598
 Ion Ratio Lower Upper
 75 100
 53 0.1 0.0 0.0#
 89 0.0 0.0 0.0





#82

4-Chlorotoluene

Concen: 0.658 ug/l

RT: 10.76 min Scan# 3006

Delta R.T. 0.00 min

Lab File: VU034089.D

Acq: 30 Aug 2019 11:38

Instrument :

MSVOA_U

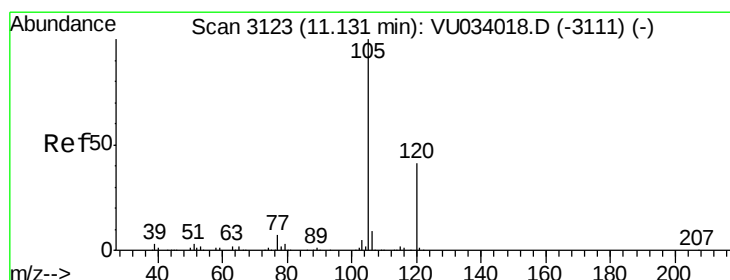
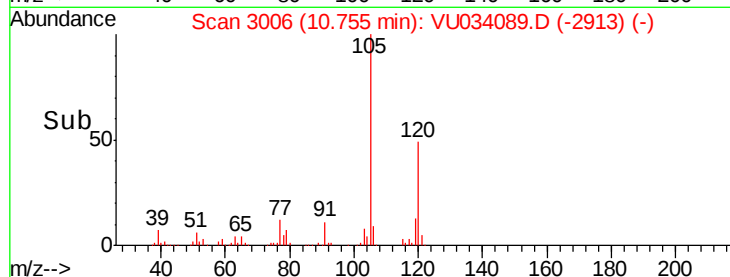
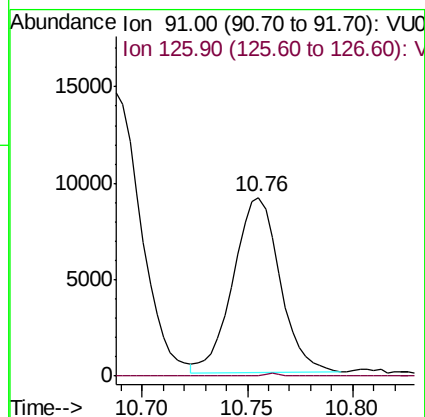
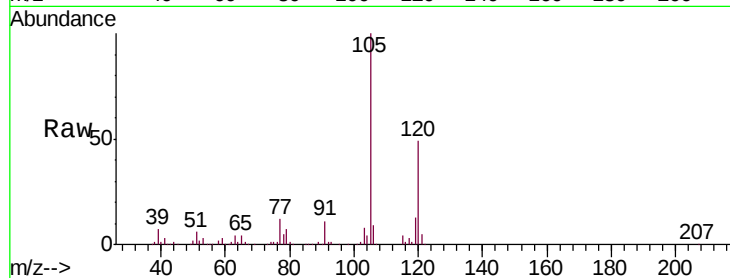
ClientSampled :

Tot Ion: 91 Resp: 13912

Ion Ratio Lower Upper

91 100

126 0.5 15.0 45.1#



#84

1,2,4-Trimethylbenzene

Concen: 45.310 ug/l

RT: 11.13 min Scan# 3123

Delta R.T. 0.00 min

Lab File: VU034089.D

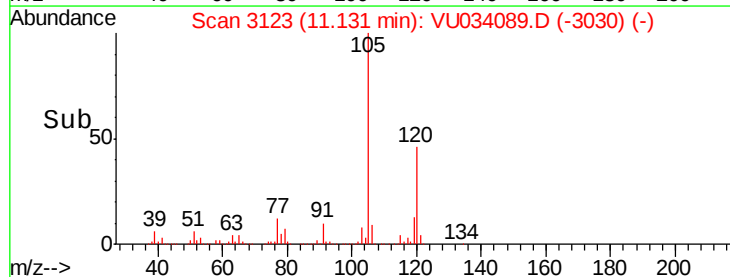
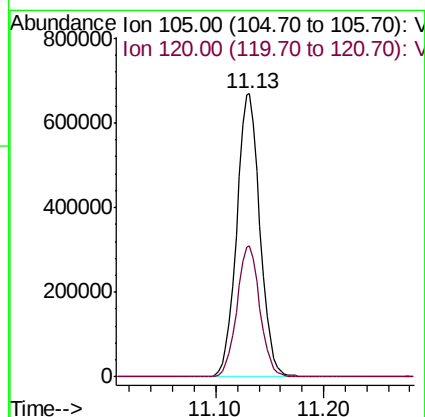
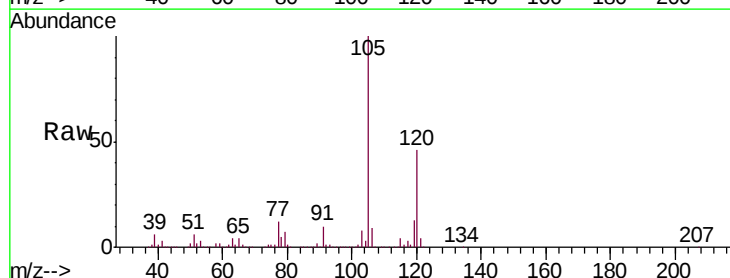
Acq: 30 Aug 2019 11:38

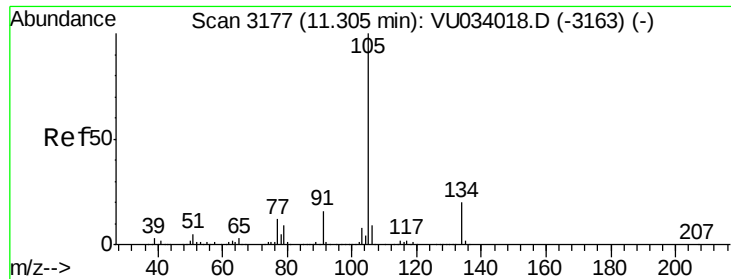
Tgt Ion:105 Resp: 1004085

Ion Ratio Lower Upper

105 100

120 45.8 22.6 67.8





#85

sec-Butylbenzene

Concen: 1.660 ug/l

RT: 11.31 min Scan# 3177

Delta R.T. 0.00 min

Lab File: VU034089.D

Acq: 30 Aug 2019 11:38

Instrument :

MSVOA_U

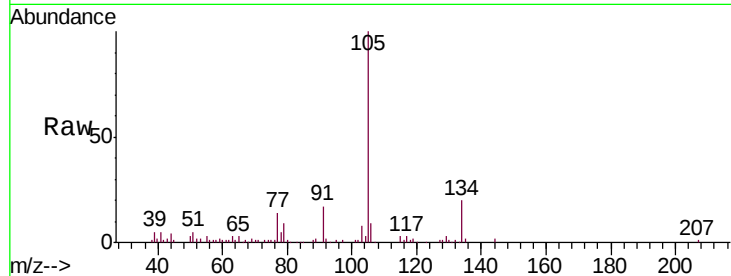
ClientSampleId :

Tot Ion:105 Resp: 43708

Ion Ratio Lower Upper

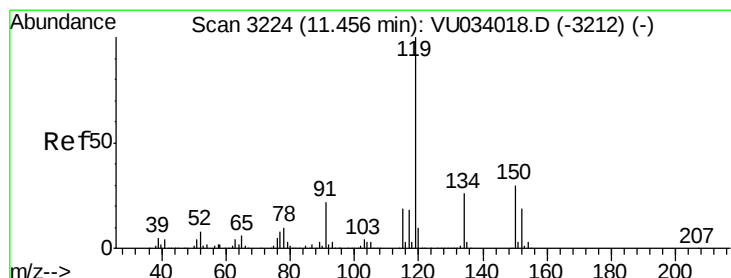
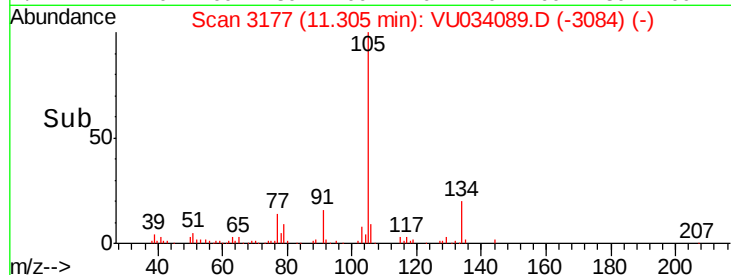
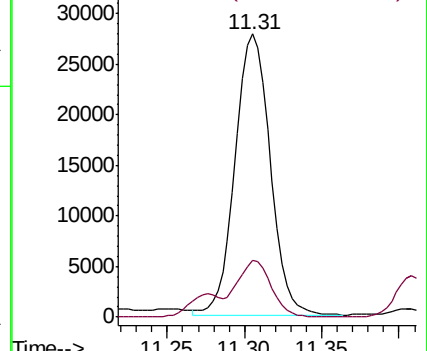
105 100

134 19.7 10.0 30.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 1.603 ug/l

RT: 11.46 min Scan# 3224

Delta R.T. 0.00 min

Lab File: VU034089.D

Acq: 30 Aug 2019 11:38

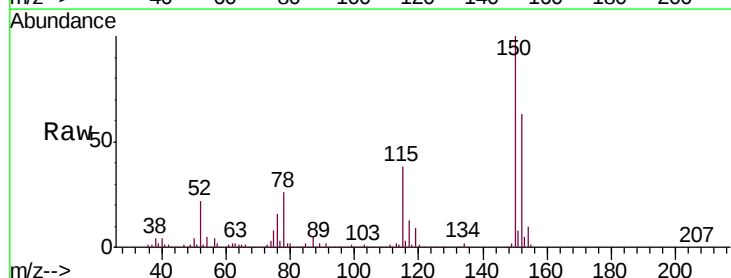
Tgt Ion:119 Resp: 38167

Ion Ratio Lower Upper

119 100

134 27.6 13.1 39.1

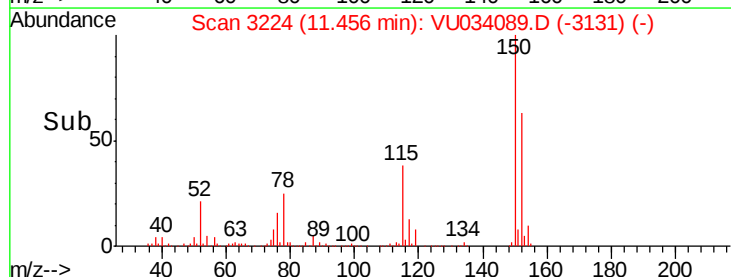
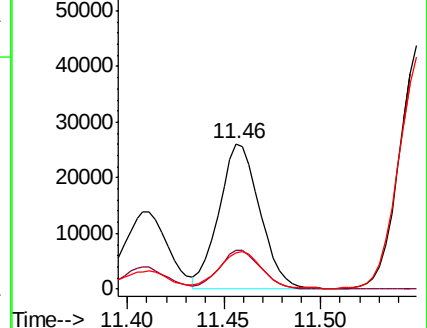
91 26.3 11.2 33.6

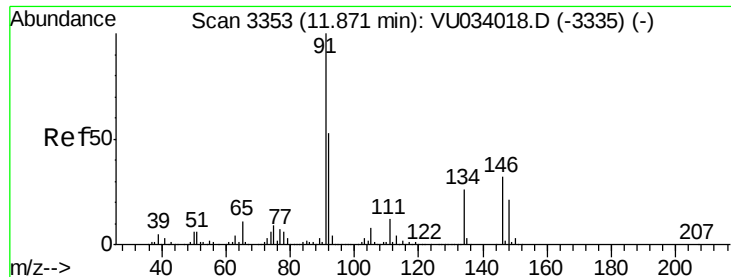


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VU

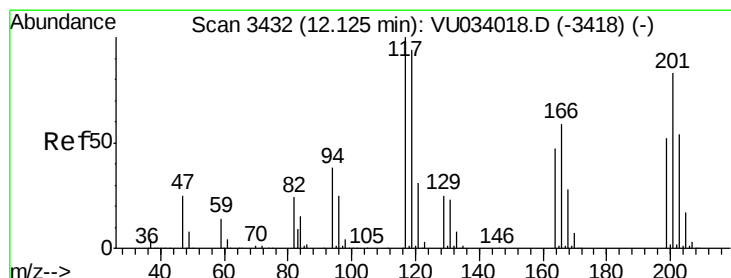
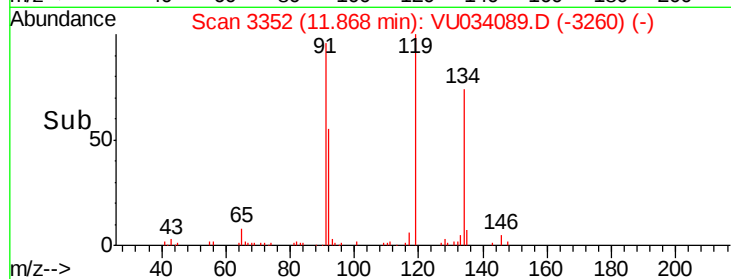
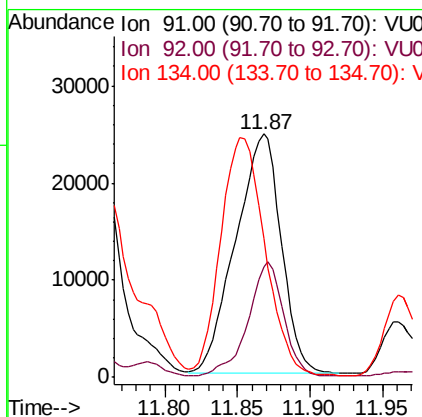
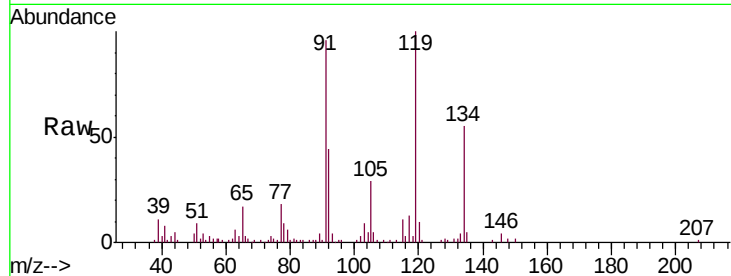




#89
n-Butylbenzene
Concen: 2.583 ug/l
RT: 11.87 min Scan# 3352
Delta R.T. -0.00 min
Lab File: VU034089.D
Acq: 30 Aug 2019 11:38

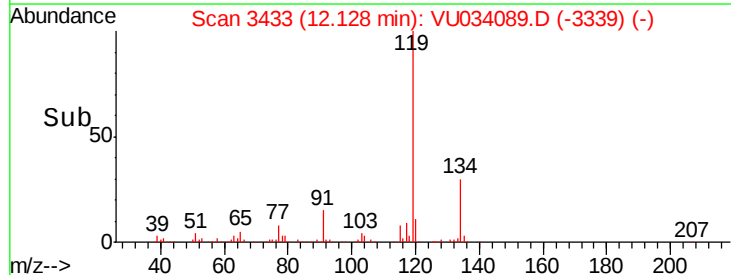
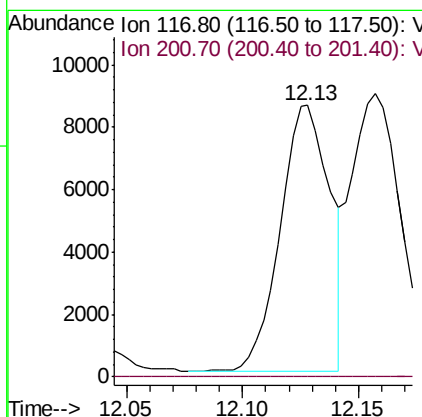
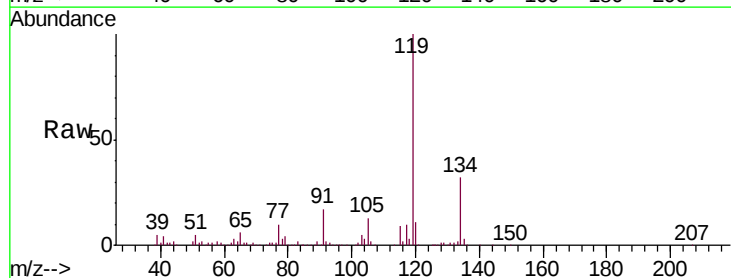
Instrument :
MSVOA_U
ClientSampleId :

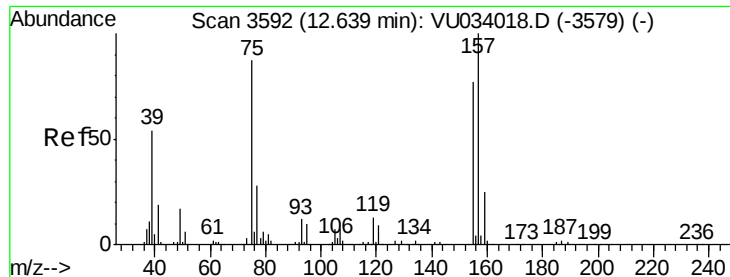
Tot Ion: 91 Resp: 54234
Ion Ratio Lower Upper
91 100
92 37.2 26.3 78.9
134 95.8 12.9 38.7#



#90
Hexachloroethane
Concen: 3.093 ug/l
RT: 12.13 min Scan# 3433
Delta R.T. 0.00 min
Lab File: VU034089.D
Acq: 30 Aug 2019 11:38

Tgt Ion: 117 Resp: 12735
Ion Ratio Lower Upper
117 100
201 0.0 42.5 127.6#





#92

1,2-Dibromo-3-Chloropropane

Concen: 1.199 ug/l

RT: 12.63 min Scan# 3590

Delta R.T. -0.01 min

Lab File: VU034089.D

Acq: 30 Aug 2019 11:38

Instrument :

MSVOA_U

ClientSampled :

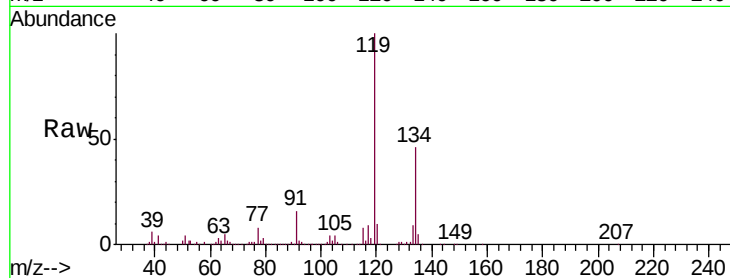
Tot Ion: 75 Resp: 2408

Ion Ratio Lower Upper

75 100

155 0.0 43.5 130.7#

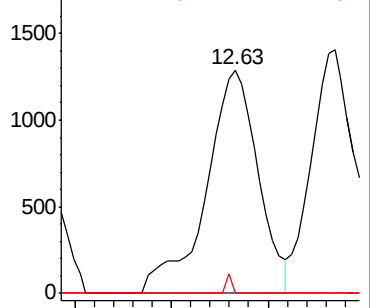
157 0.9 56.9 170.6#



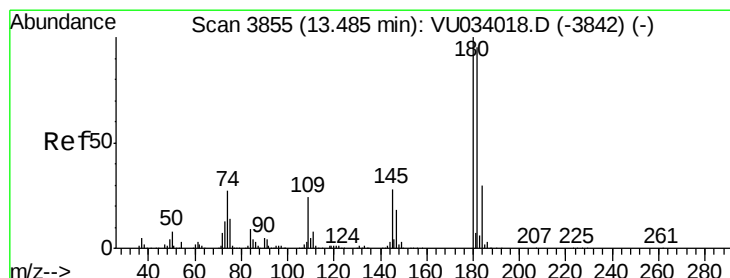
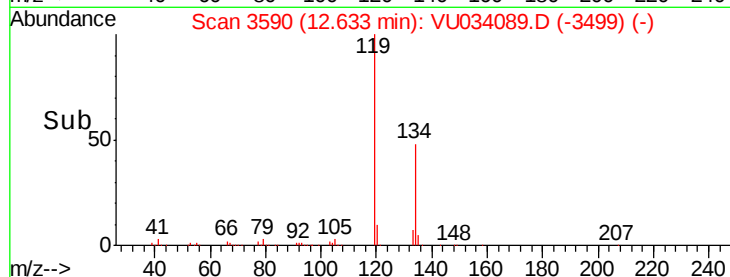
Abundance Ion 74.90 (74.60 to 75.60): VU034018.D (-3579) (-)

Ion 154.80 (154.50 to 155.50): VU034018.D (-3579) (-)

Ion 156.80 (156.50 to 157.50): VU034018.D (-3579) (-)



Time-->



#93

1,2,4-Trichlorobenzene

Concen: 1.228 ug/l

RT: 13.49 min Scan# 3857

Delta R.T. 0.01 min

Lab File: VU034089.D

Acq: 30 Aug 2019 11:38

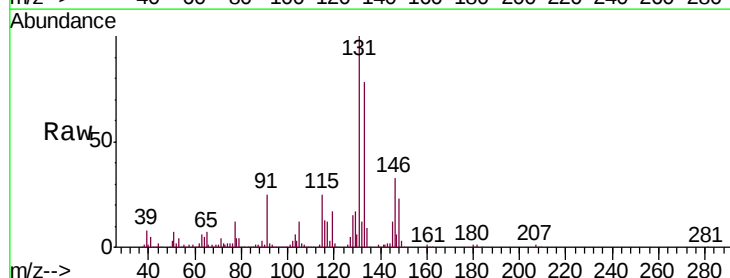
Tgt Ion: 180 Resp: 994

Ion Ratio Lower Upper

180 100

182 108.4 47.4 142.2

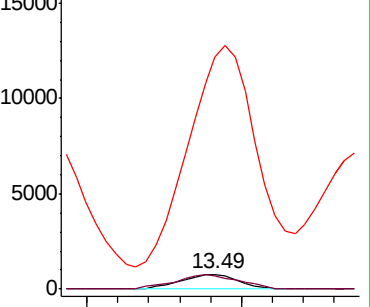
145 2026.9 14.1 42.3#



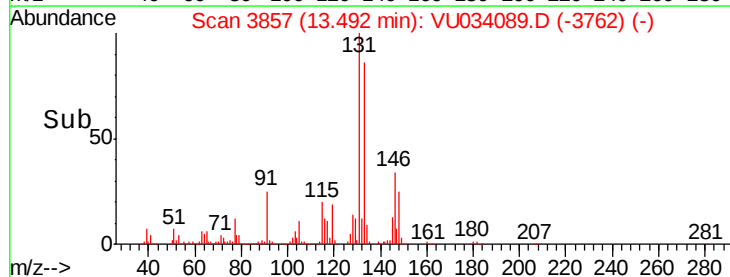
Abundance Ion 179.80 (179.50 to 180.50): VU034018.D (-3842) (-)

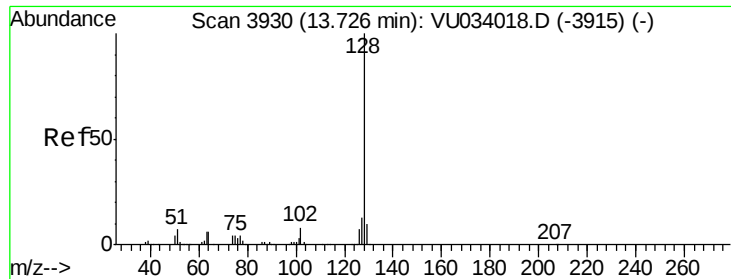
Ion 181.80 (181.50 to 182.50): VU034018.D (-3842) (-)

Ion 144.80 (144.50 to 145.50): VU034018.D (-3842) (-)



Time-->





#95

Naphthalene

Concen: 102.927 ug/l

RT: 13.72 min Scan# 3929

Delta R.T. -0.00 min

Lab File: VU034089.D

Acq: 30 Aug 2019 11:38

Instrument :

MSVOA_U

ClientSampleId :

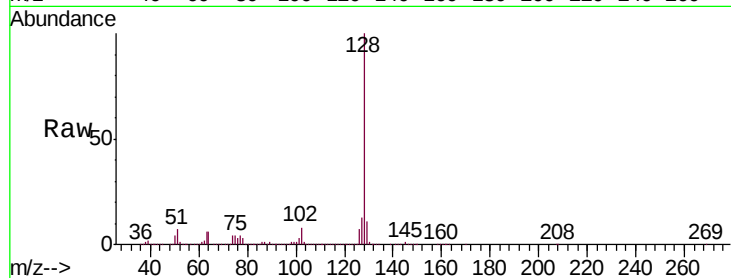
Tot Ion:128 Resp: 2566538

Ion Ratio Lower Upper

128 100

127 13.0 10.2 15.4

129 11.2 8.4 12.6



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

