

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U112918\
 Data File : VU028398.D
 Acq On : 29 Nov 2018 16:57
 Operator : MD/SY
 Sample : J6083-04
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 30 07:04:50 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U112818W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 29 01:04:49 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	248799	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	475263	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	442693	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	214100	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.31	65	219516	52.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.58%	
35) Dibromofluoromethane	4.88	113	157730	49.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.82%	
50) Toluene-d8	7.57	98	635427	50.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.56%	
62) 4-Bromofluorobenzene	10.30	95	230181	50.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.06%	

Target Compounds

						Qvalue
11) Tert butyl alcohol	2.83	59	1869	1.979	ug/l #	72
13) Acrolein	2.19	56	1750	2.084	ug/l #	1
14) Allyl chloride	2.64	41	2027	0.292	ug/l #	79
15) Acrylonitrile	3.00	53	881	0.353	ug/l #	18
16) Acetone	2.32	43	26496	10.417	ug/l	94
18) Methyl Acetate	2.62	43	3147	0.444	ug/l #	72
20) Methylene Chloride	2.70	84	272388	75.963	ug/l	96
25) 2-Butanone	4.29	43	2725	0.748	ug/l	99
29) Tetrahydrofuran	4.66	42	1334	0.564	ug/l #	88
31) Cyclohexane	4.99	56	19427	2.440	ug/l #	57
36) 1,1-Dichloropropene	4.98	75	22473	4.321	ug/l #	51
38) Carbon Tetrachloride	4.98	117	25865	6.056	ug/l #	15
39) Methylcyclohexane	6.42	83	12477	2.035	ug/l	96
40) Benzene	5.39	78	45984	2.985	ug/l	100
43) Isopropyl Acetate	5.55	43	34023	3.029	ug/l #	94
48) Methyl methacrylate	6.70	41	167951	28.708	ug/l #	48
49) 1,4-Dioxane	6.69	88	21	0.225	ug/l #	1
51) 4-Methyl-2-Pentanone	7.42	43	141461	19.721	ug/l #	49
52) Toluene	7.64	92	1116572	125.882	ug/l	100
53) t-1,3-Dichloropropene	7.64	75	13377	2.171	ug/l #	1
54) cis-1,3-Dichloropropene	7.42	75	59207	8.968	ug/l #	63
55) 1,1,2-Trichloroethane	8.04	97	1543	0.418	ug/l #	21
57) 1,3-Dichloropropane	8.41	76	13448	1.986	ug/l #	44
59) 2-Hexanone	8.41	43	210212	37.833	ug/l #	53
67) Ethyl Benzene	9.25	91	685608	39.601	ug/l	98
68) m/p-Xylenes	9.37	106	956012	153.417	ug/l	100
69) o-Xylene	9.78	106	376437	60.768	ug/l	99
70) Styrene	9.78	104	19669	1.969	ug/l #	1
73) Isopropylbenzene	10.17	105	49684	2.984	ug/l	100
76) 1,2,3-Trichloropropane	10.68	75	9952	1.676	ug/l #	1
78) n-propylbenzene	10.58	91	242438	11.802	ug/l	99
79) 2-Chlorotoluene	10.68	91	132858	10.971	ug/l #	44
80) 1,3,5-Trimethylbenzene	10.77	105	342777	24.428	ug/l	100
81) trans-1,4-Dichloro-2-buten	10.68	75	9952	4.450	ug/l #	100

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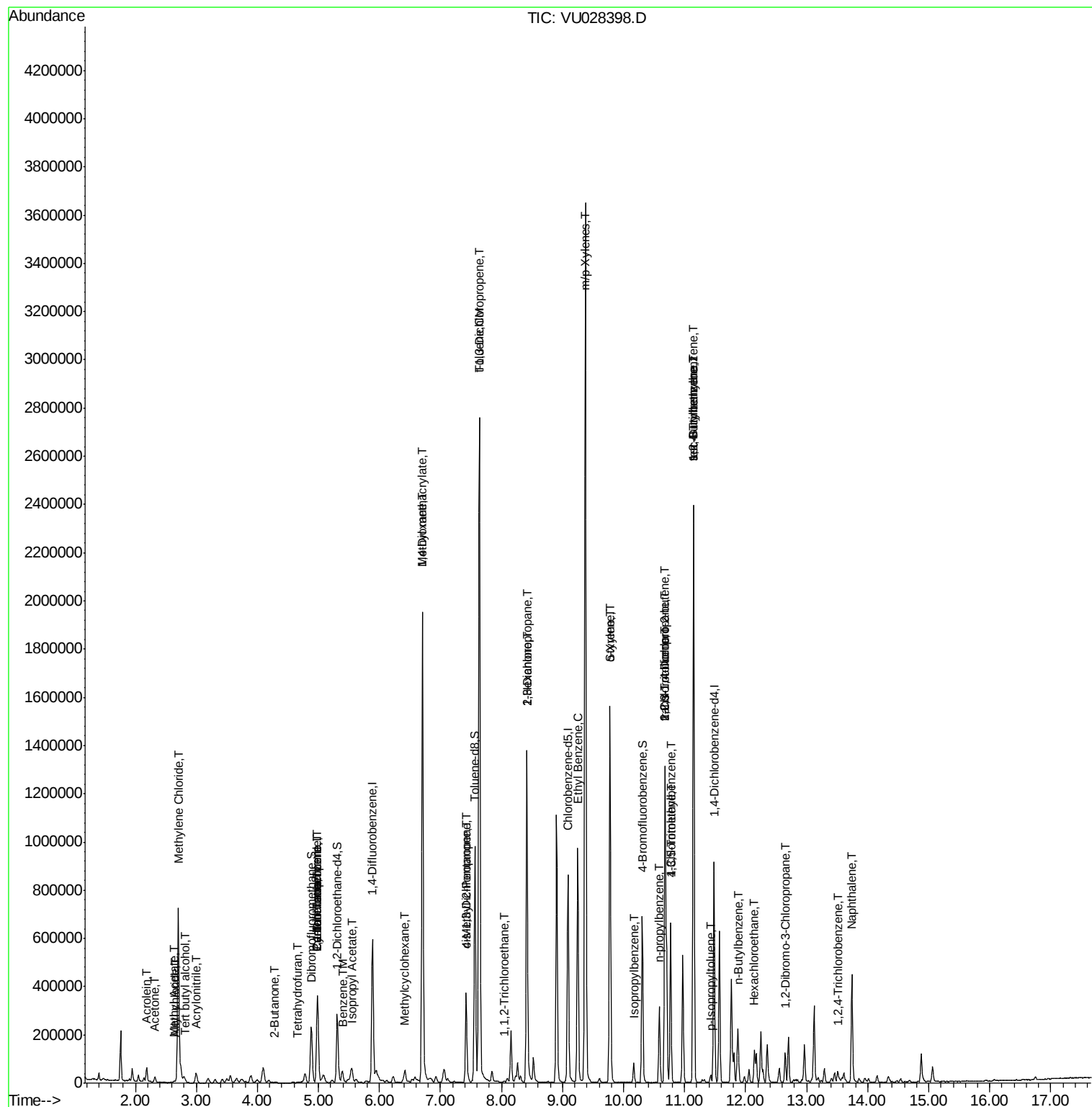
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
82) 4-Chlorotoluene	10.77	91	36911	2.646	ug/l #	48
83) tert-Butylbenzene	11.15	119	145917	11.155	ug/l #	61
84) 1,2,4-Trimethylbenzene	11.15	105	1250977	88.016	ug/l	99
85) sec-Butylbenzene	11.15	105	1250977	73.630	ug/l #	59
86) p-Isopropyltoluene	11.43	119	15738	1.127	ug/l	95
89) n-Butylbenzene	11.88	91	38543	2.795	ug/l #	22
90) Hexachloroethane	12.14	117	7215	3.308	ug/l #	12
92) 1,2-Dibromo-3-Chloropropan	12.64	75	521	0.342	ug/l #	7
93) 1,2,4-Trichlorobenzene	13.50	180	1692	0.362	ug/l #	48
95) Naphthalene	13.74	128	336537	20.453	ug/l	100

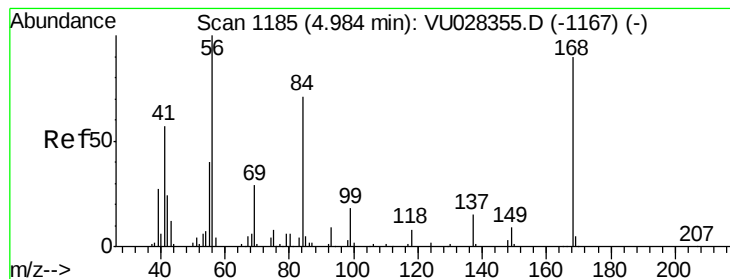
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.98 min Scan# 1185

Delta R.T. 0.00 min

Lab File: VU028398.D

Acq: 29 Nov 2018 16:57

Instrument :

MSVOA_U

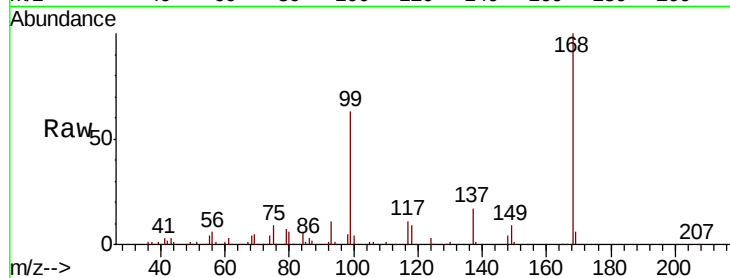
ClientSampleId :

Tot Ion:168 Resp: 248799

Ion Ratio Lower Upper

168 100

99 62.7 49.6 74.4



Abundance Ion 167.90 (167.60 to 168.60): VU028355.D (-1167) (-)

Ion 98.90 (98.60 to 99.60): VU028355.D (-1167) (-)

4.98

120000

100000

80000

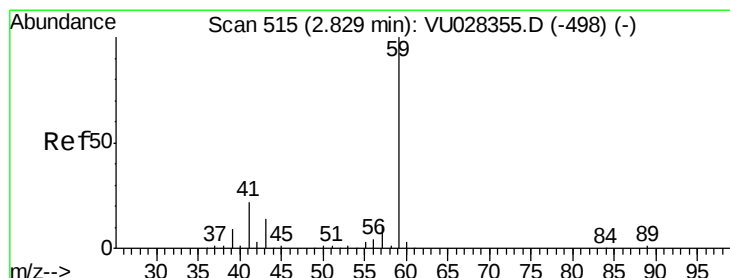
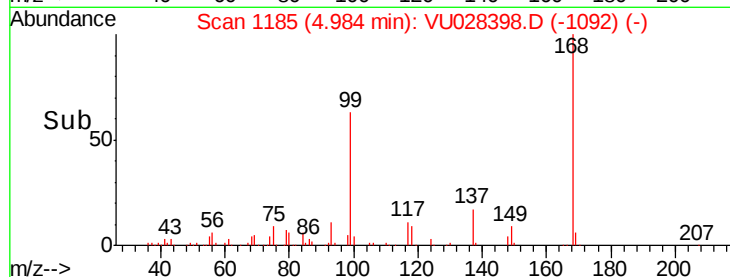
60000

40000

20000

0

Time-->



#11

Tert butyl alcohol

Concen: 1.979 ug/l

RT: 2.83 min Scan# 515

Delta R.T. 0.00 min

Lab File: VU028398.D

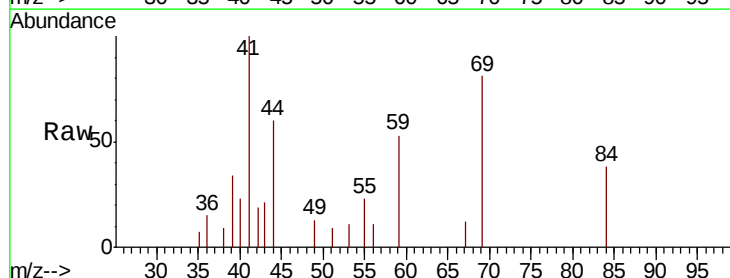
Acq: 29 Nov 2018 16:57

Tgt Ion: 59 Resp: 1869

Ion Ratio Lower Upper

59 100

57 0.0 8.3 12.5#



Abundance Ion 59.00 (58.70 to 59.70): VU028355.D (-498) (-)

Ion 57.00 (56.70 to 57.70): VU028355.D (-498) (-)

2.83

1000

800

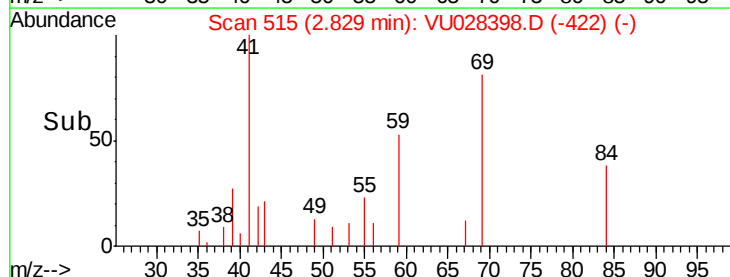
600

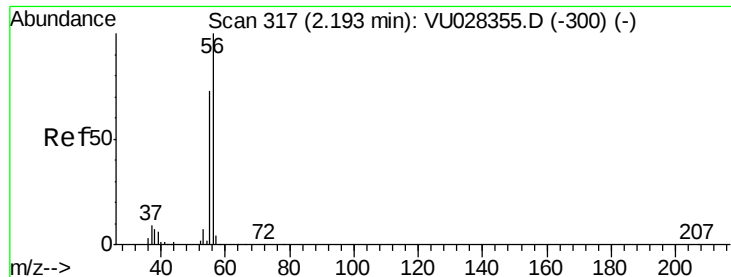
400

200

0

Time-->





#13

Acrolein

Concen: 2.084 ug/l

RT: 2.19 min Scan# 315

Delta R.T. -0.01 min

Lab File: VU028398.D

Acq: 29 Nov 2018 16:57

Instrument :

MSVOA_U

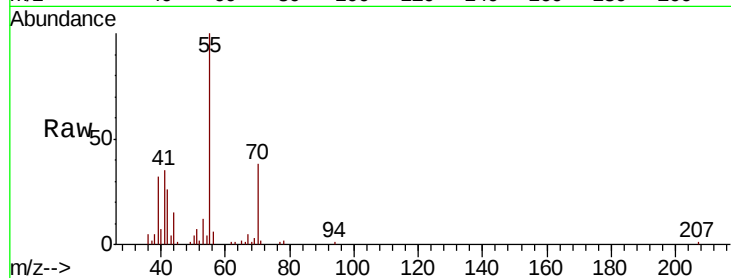
ClientSampleId :

Tot Ion: 56 Resp: 1750

Ion Ratio Lower Upper

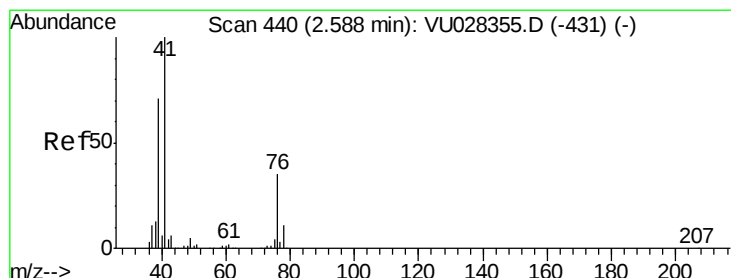
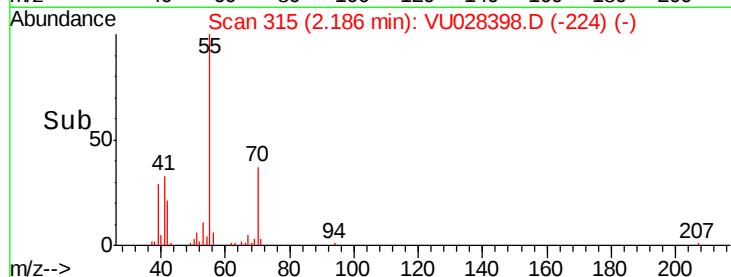
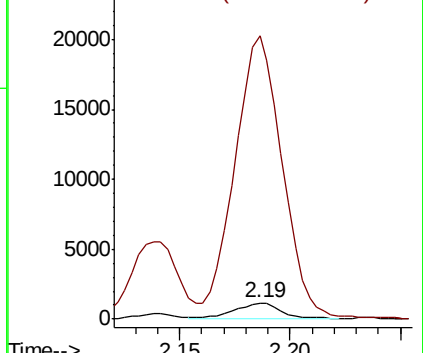
56 100

55 1753.1 56.6 85.0#



Abundance Ion 56.00 (55.70 to 56.70): VU0

Ion 55.00 (54.70 to 55.70): VU0



#14

Allyl chloride

Concen: 0.292 ug/l

RT: 2.64 min Scan# 457

Delta R.T. 0.05 min

Lab File: VU028398.D

Acq: 29 Nov 2018 16:57

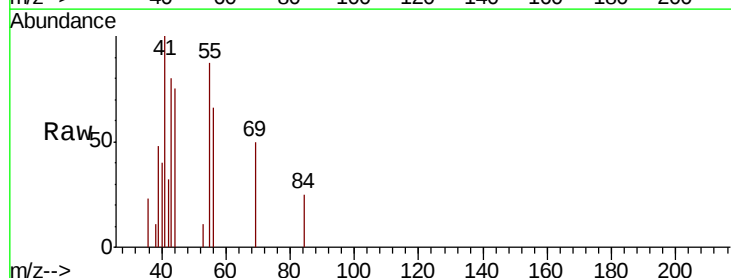
Tgt Ion: 41 Resp: 2027

Ion Ratio Lower Upper

41 100

39 67.7 51.6 77.4

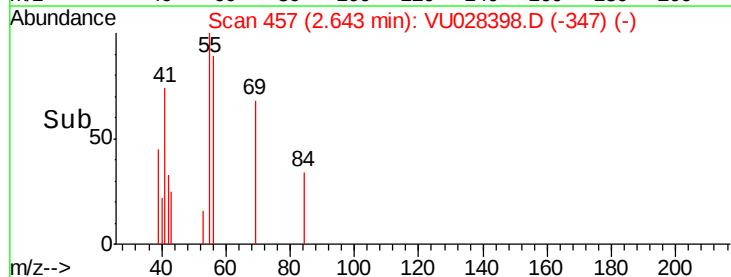
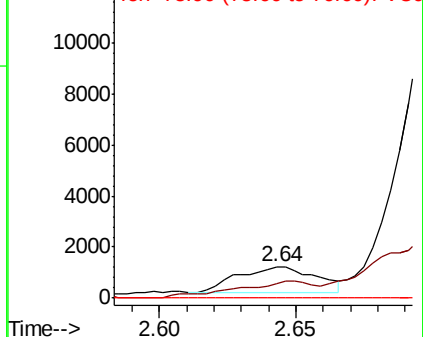
76 0.0 24.4 36.6#

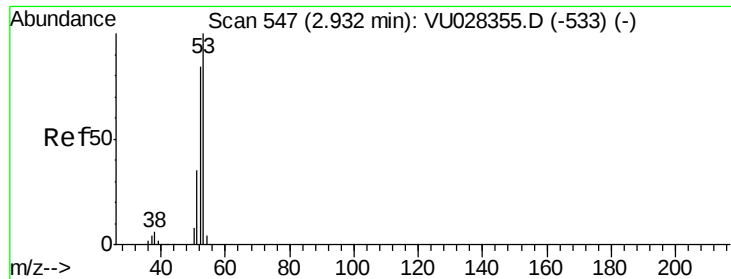


Abundance Ion 41.00 (40.70 to 41.70): VU0

Ion 39.00 (38.70 to 39.70): VU0

Ion 75.90 (75.60 to 76.60): VU0





#15

Acrylonitrile

Concen: 0.353 ug/l

RT: 3.00 min Scan# 568

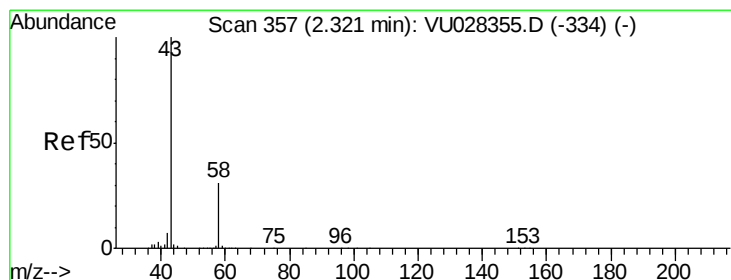
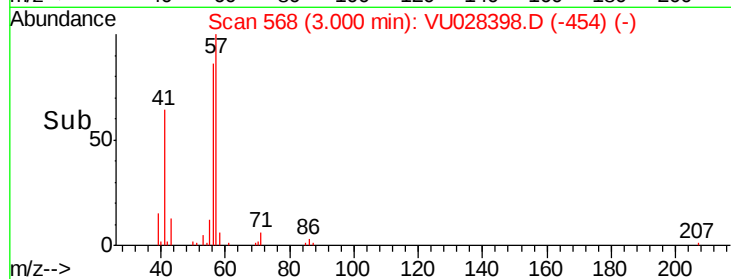
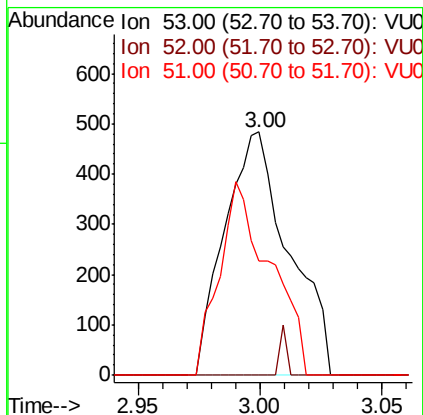
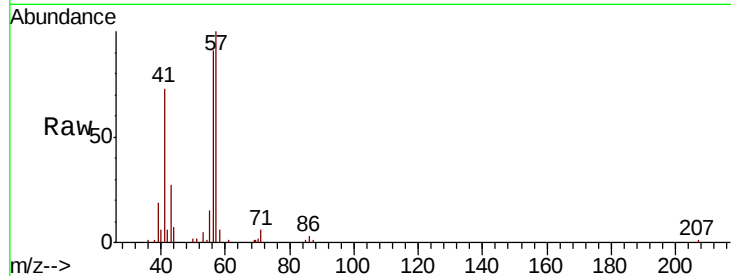
Delta R.T. 0.07 min

Lab File: VU028398.D

Acq: 29 Nov 2018 16:57

Instrument :
MSVOA_U
ClientSampled :

Tot Ion:	53	Resp:	881
Ion	Ratio	Lower	Upper
53	100		
52	0.0	65.7	98.5#
51	0.0	27.8	41.6#



#16

Acetone

Concen: 10.417 ug/l

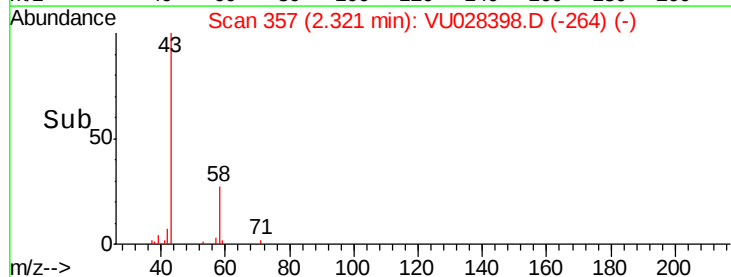
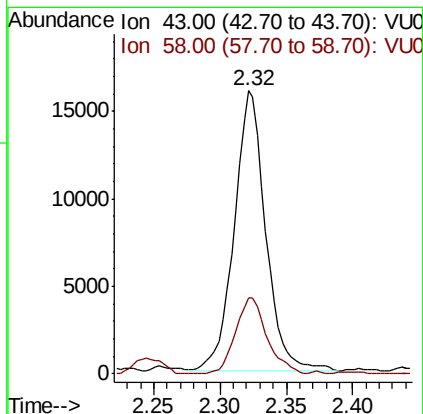
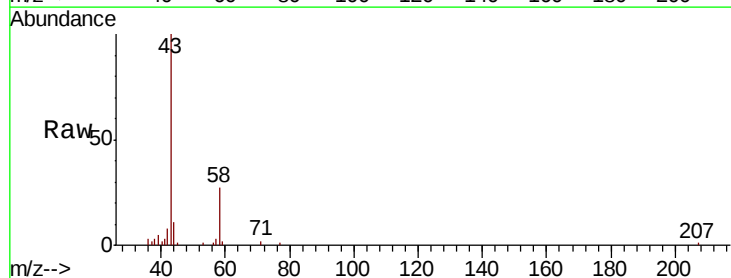
RT: 2.32 min Scan# 357

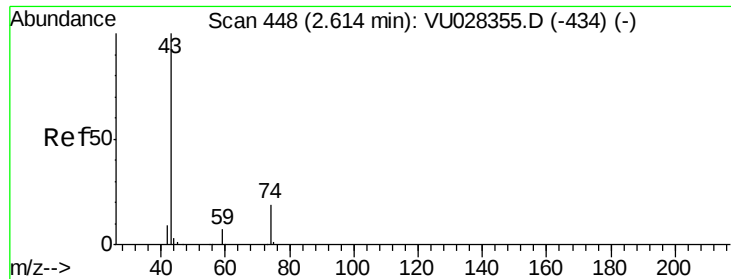
Delta R.T. 0.00 min

Lab File: VU028398.D

Acq: 29 Nov 2018 16:57

Tgt Ion:	43	Resp:	26496
Ion	Ratio	Lower	Upper
43	100		
58	27.1	24.4	36.6

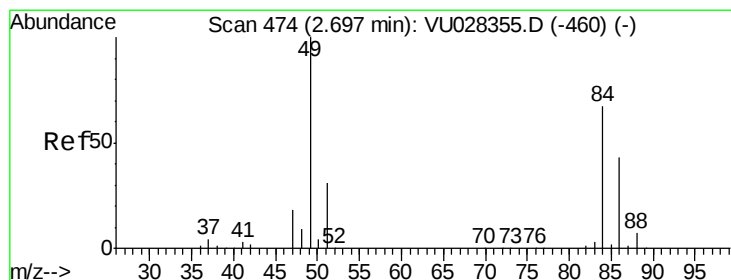
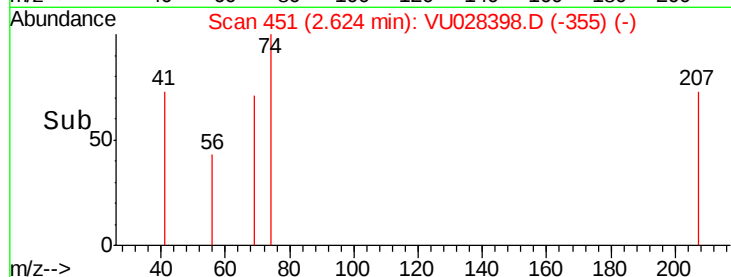
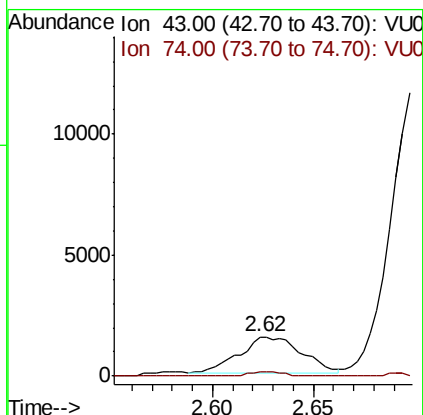
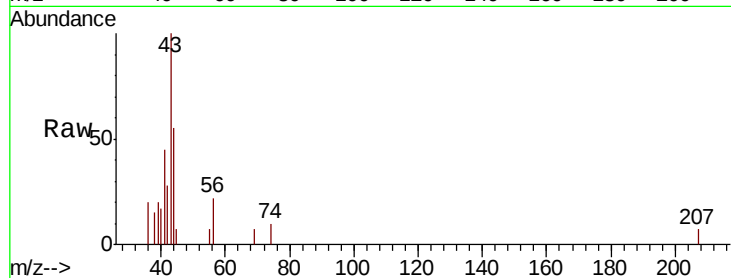




#18
Methyl Acetate
Concen: 0.444 ug/l
RT: 2.62 min Scan# 451
Delta R.T. 0.01 min
Lab File: VU028398.D
Acq: 29 Nov 2018 16:57

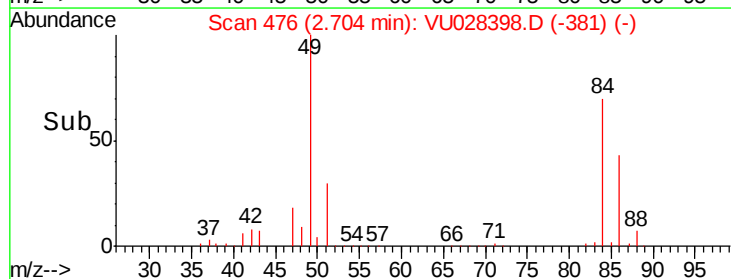
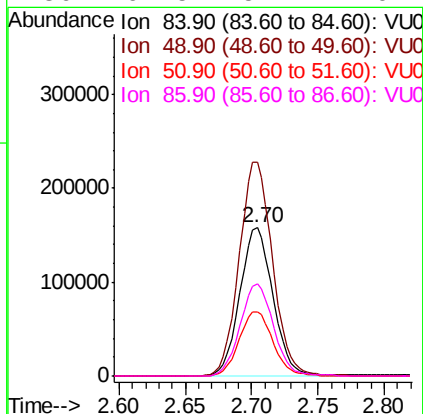
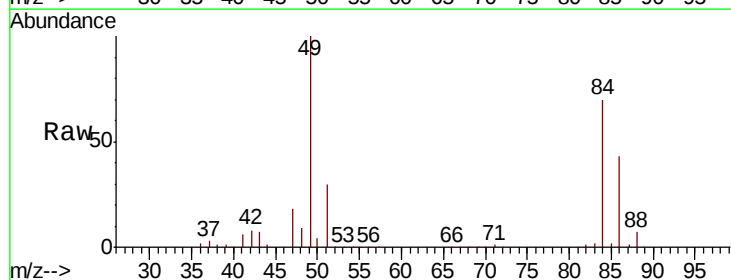
Instrument :
MSVOA_U
ClientSampled :

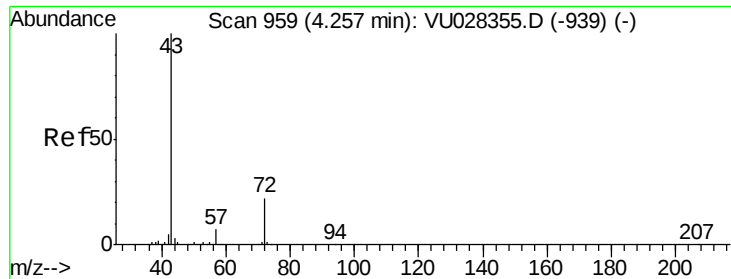
Tot Ion: 43 Resp: 3147
Ion Ratio Lower Upper
43 100
74 6.3 15.3 22.9#



#20
Methylene Chloride
Concen: 75.963 ug/l
RT: 2.70 min Scan# 476
Delta R.T. 0.01 min
Lab File: VU028398.D
Acq: 29 Nov 2018 16:57

Tgt Ion: 84 Resp: 272388
Ion Ratio Lower Upper
84 100
49 144.2 120.0 180.0
51 43.5 36.9 55.3
86 62.5 51.1 76.7

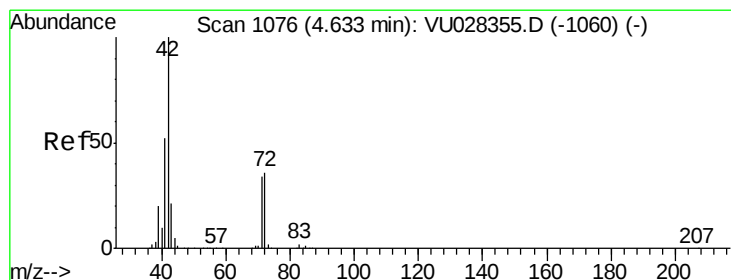
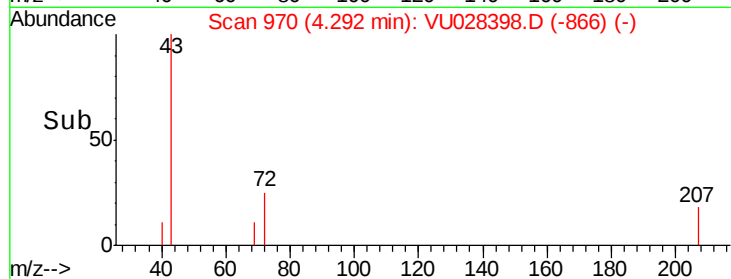
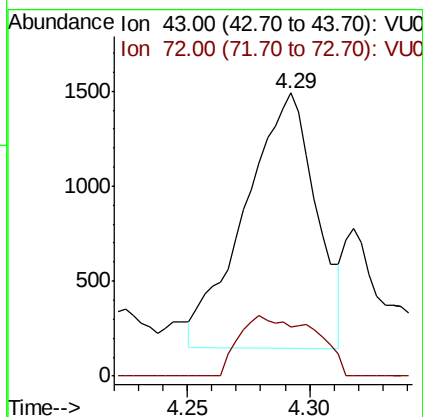
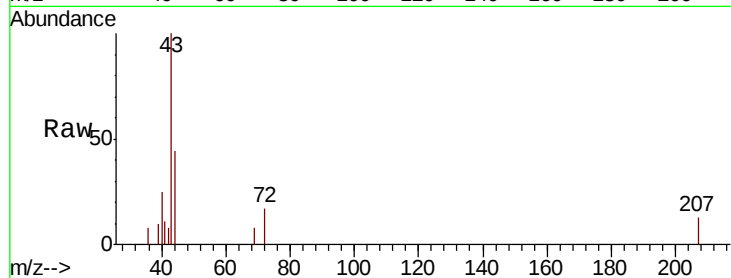




#25
2-Butanone
Concen: 0.748 ug/l
RT: 4.29 min Scan# 970
Delta R.T. 0.04 min
Lab File: VU028398.D
Acq: 29 Nov 2018 16:57

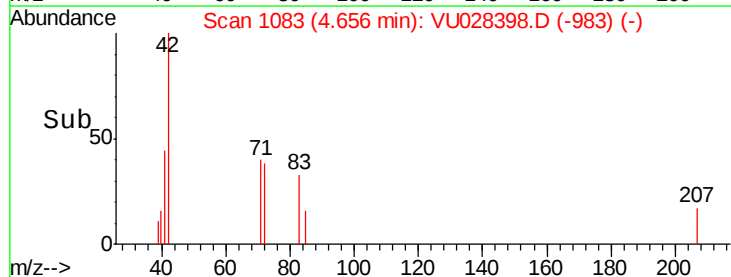
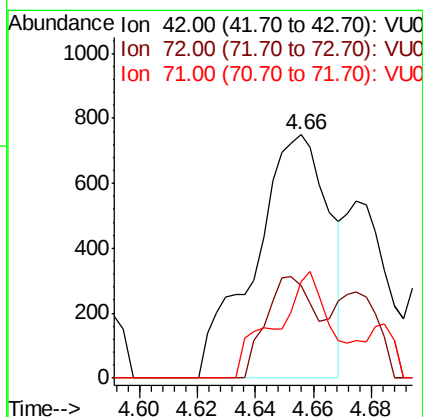
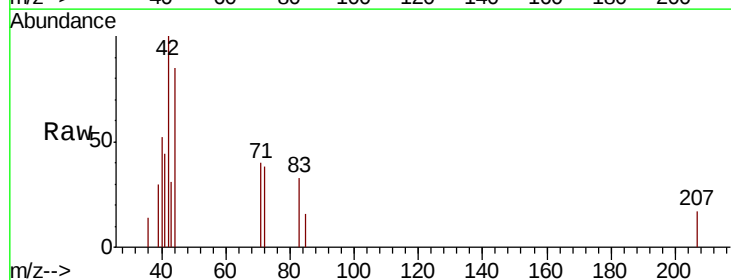
Instrument :
MSVOA_U
ClientSampled :

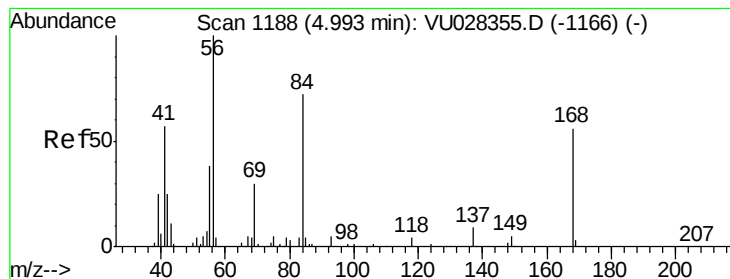
Tot Ion: 43 Resp: 2725
Ion Ratio Lower Upper
43 100
72 21.4 17.7 26.5



#29
Tetrahydrofuran
Concen: 0.564 ug/l
RT: 4.66 min Scan# 1083
Delta R.T. 0.02 min
Lab File: VU028398.D
Acq: 29 Nov 2018 16:57

Tgt Ion: 42 Resp: 1334
Ion Ratio Lower Upper
42 100
72 26.3 29.5 44.3#
71 31.5 27.7 41.5





#31

Cyclohexane

Concen: 2.440 ug/l

RT: 4.99 min Scan# 1187

Delta R.T. -0.00 min

Lab File: VU028398.D

Acq: 29 Nov 2018 16:57

Instrument :

MSVOA_U

ClientSampled :

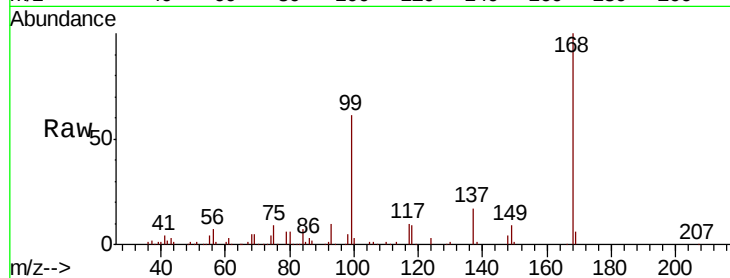
Tot Ion: 56 Resp: 19427

Ion Ratio Lower Upper

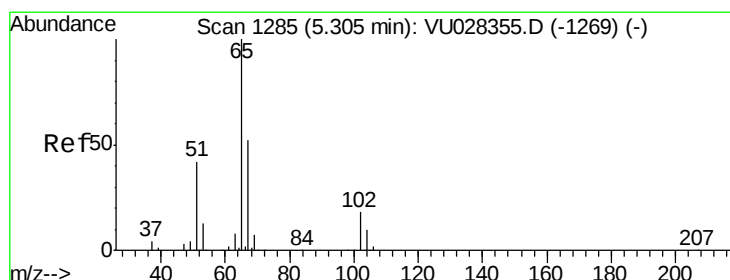
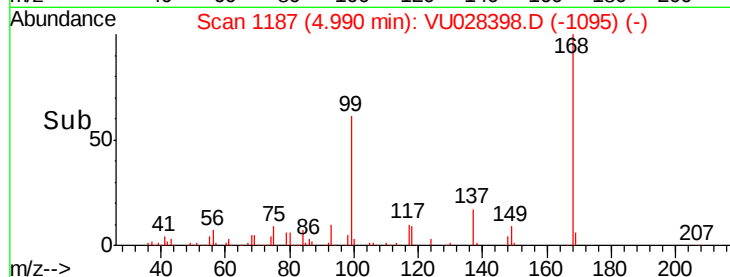
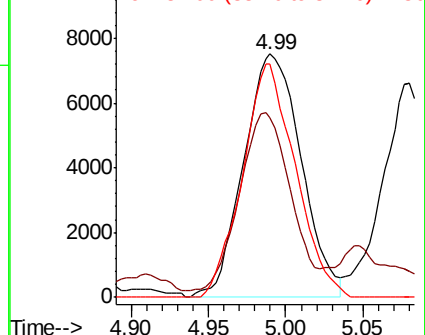
56 100

69 70.8 23.7 35.5#

84 96.1 57.3 85.9#



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



#33

1,2-Dichloroethane-d4

Concen: 52.793 ug/l

RT: 5.31 min Scan# 1286

Delta R.T. 0.00 min

Lab File: VU028398.D

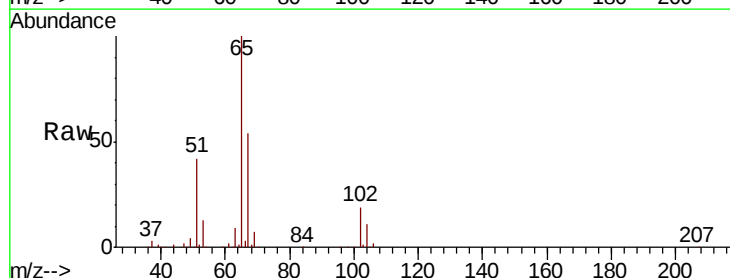
Acq: 29 Nov 2018 16:57

Tgt Ion: 65 Resp: 219516

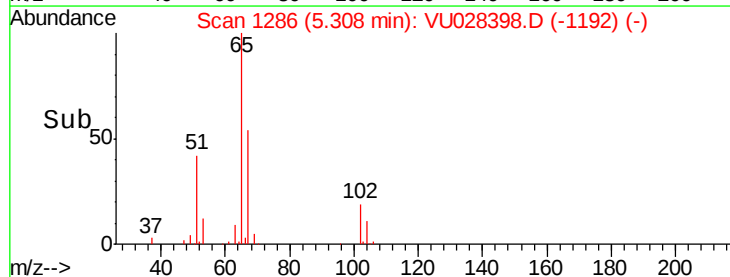
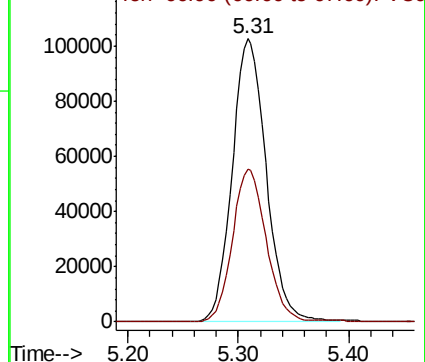
Ion Ratio Lower Upper

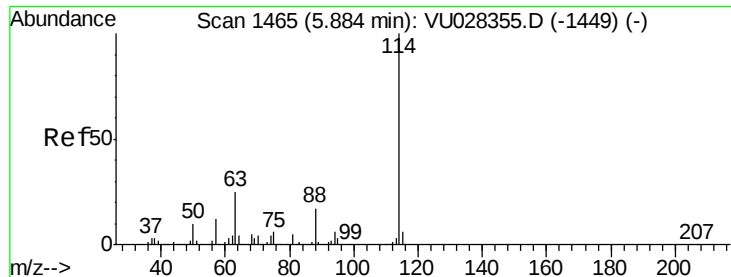
65 100

67 53.6 0.0 106.8



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

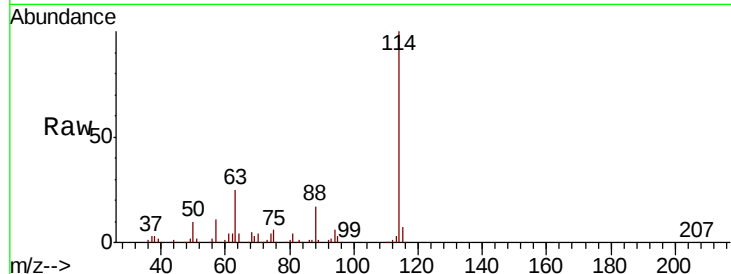




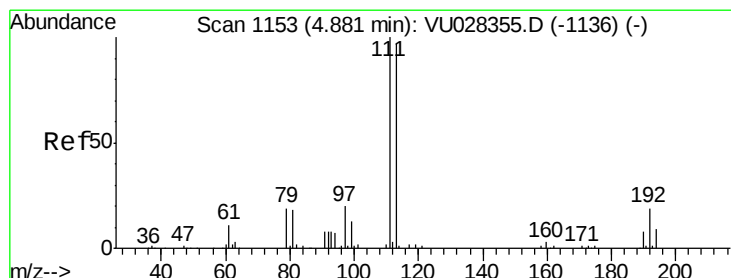
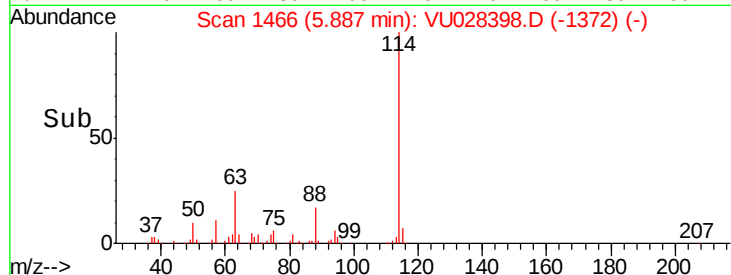
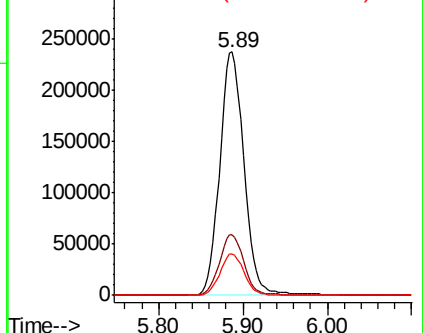
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1466
 Delta R.T. 0.00 min
 Lab File: VU028398.D
 Acq: 29 Nov 2018 16:57

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
114	100		
63	25.1	0.0	50.0
88	17.1	0.0	34.4

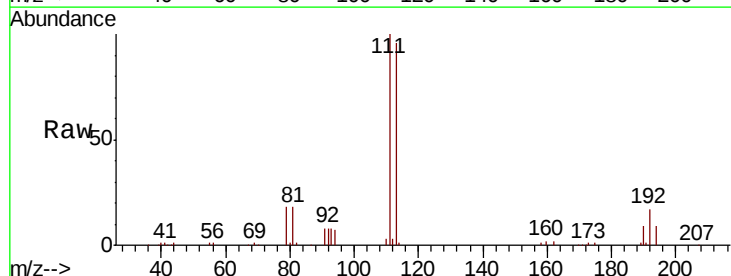


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VU0
 Ion 87.90 (87.60 to 88.60): VU0

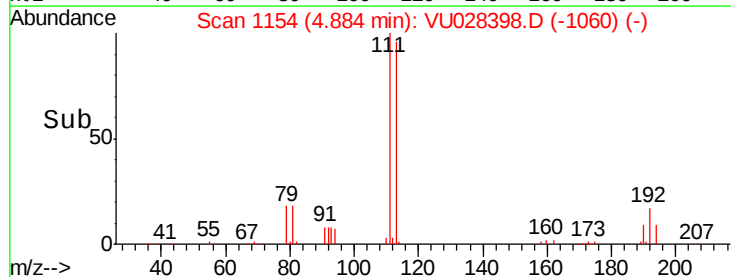
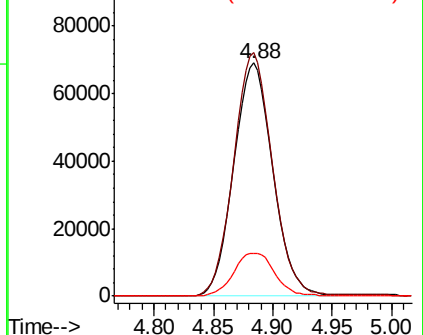


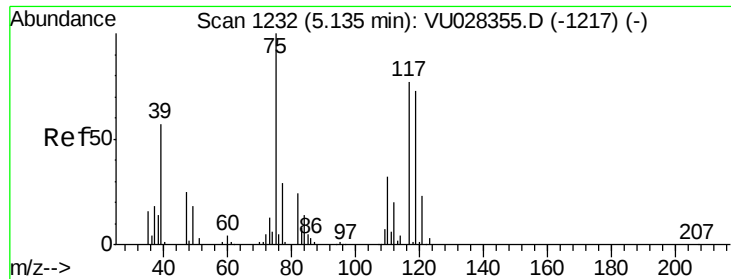
#35
 Dibromofluoromethane
 Concen: 49.910 ug/l
 RT: 4.88 min Scan# 1154
 Delta R.T. 0.00 min
 Lab File: VU028398.D
 Acq: 29 Nov 2018 16:57

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.5	82.9	124.3
192	19.2	15.4	23.0



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

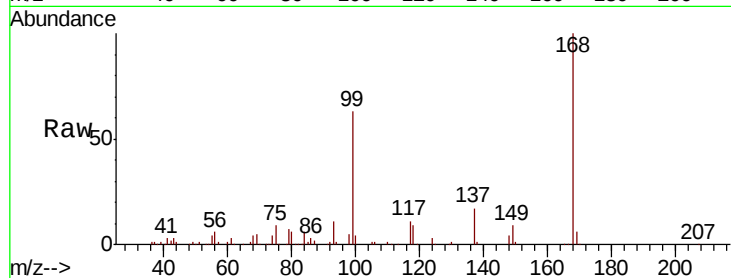




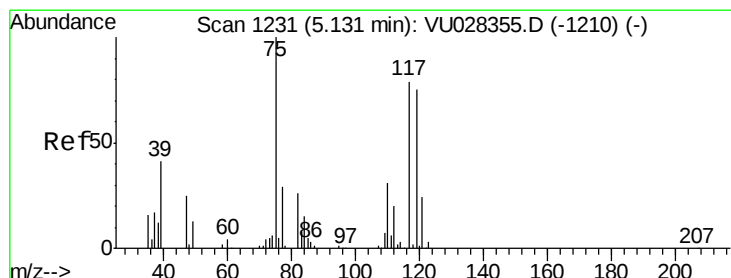
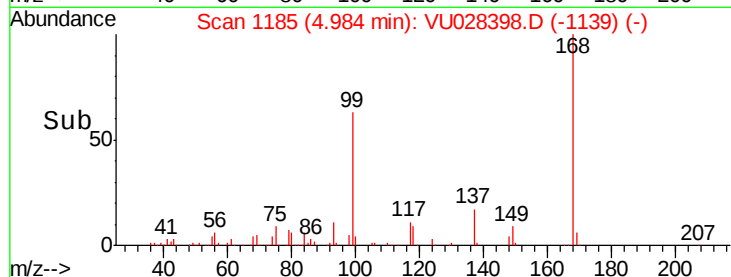
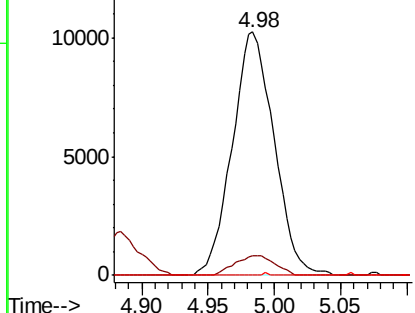
#36
 1,1-Dichloropropene
 Concen: 4.321 ug/l
 RT: 4.98 min Scan# 1185
 Delta R.T. -0.15 min
 Lab File: VU028398.D
 Acq: 29 Nov 2018 16:57

Instrument :
 MSVOA_U
 ClientSampled :

Tot Ion	75	Resp	22473
Ion Ratio	Lower	Upper	
75	100		
110	7.7	15.8	47.4#
77	0.0	24.6	36.8#

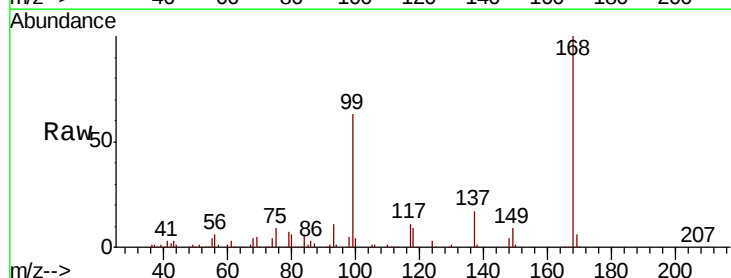


Abundance Ion 74.90 (74.60 to 75.60): VU0
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VU0

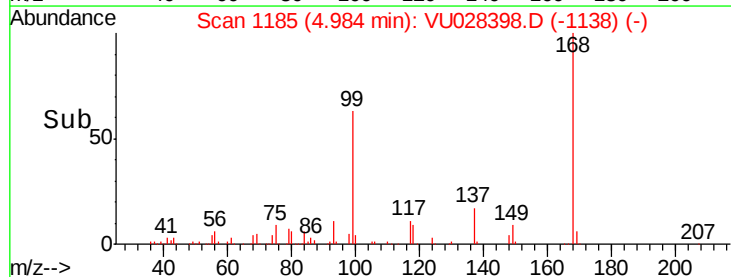
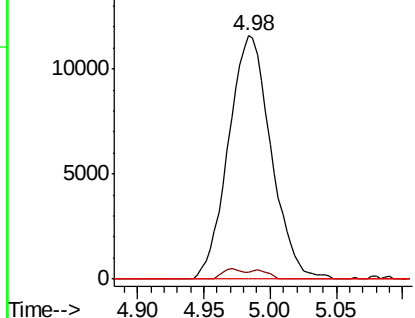


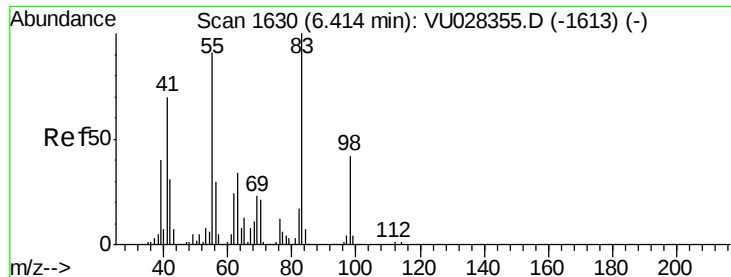
#38
 Carbon Tetrachloride
 Concen: 6.056 ug/l
 RT: 4.98 min Scan# 1185
 Delta R.T. -0.15 min
 Lab File: VU028398.D
 Acq: 29 Nov 2018 16:57

Tgt Ion	117	Resp	25865
Ion Ratio <td>Lower</td> <td>Upper</td> <td></td>	Lower	Upper	
117	100		
119	3.0	76.3	114.5#
121	0.0	24.7	37.1#



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

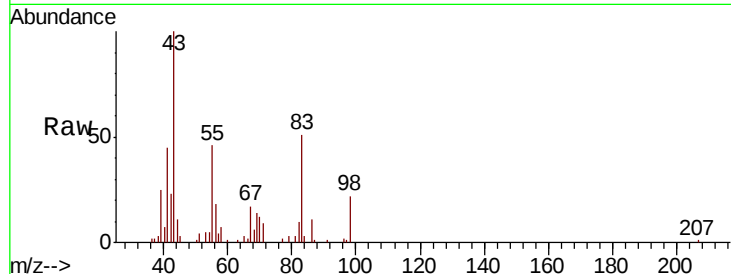




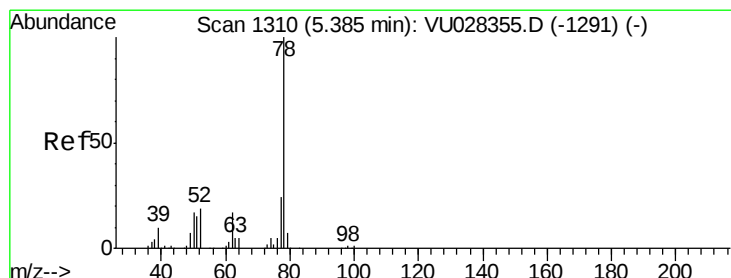
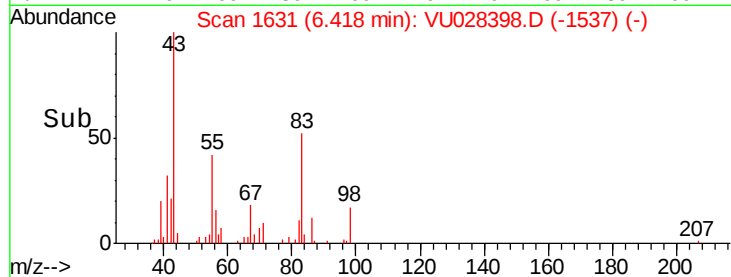
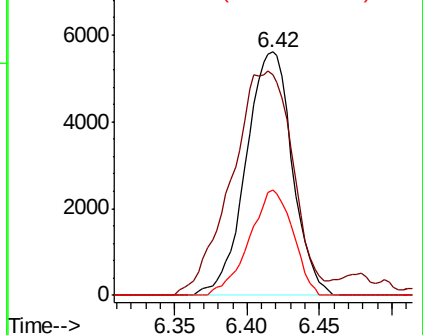
#39
Methvlcvclohexane
Concen: 2.035 ug/l
RT: 6.42 min Scan# 1631
Delta R.T. 0.00 min
Lab File: VU028398.D
Acq: 29 Nov 2018 16:57

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 83 Resp: 12477
Ion Ratio Lower Upper
83 100
55 86.7 73.1 109.7
98 43.3 33.9 50.9

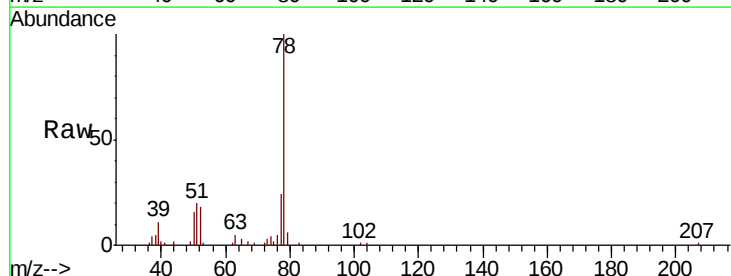


Abundance Ion 83.00 (82.70 to 83.70): VU0
Ion 55.00 (54.70 to 55.70): VU0
Ion 98.00 (97.70 to 98.70): VU0

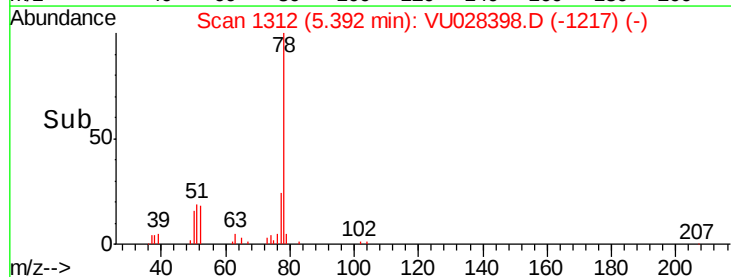
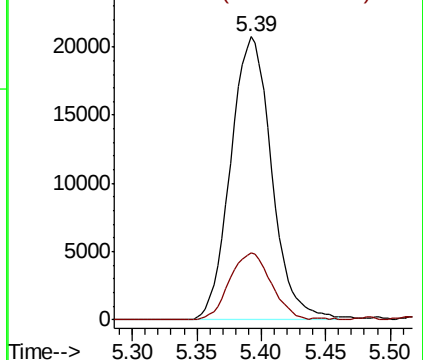


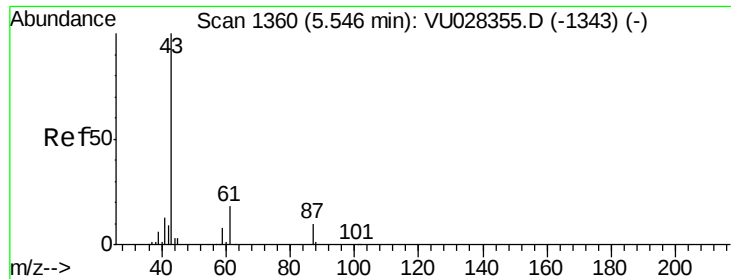
#40
Benzene
Concen: 2.985 ug/l
RT: 5.39 min Scan# 1312
Delta R.T. 0.01 min
Lab File: VU028398.D
Acq: 29 Nov 2018 16:57

Tgt Ion: 78 Resp: 45984
Ion Ratio Lower Upper
78 100
77 23.6 19.0 28.6



Abundance Ion 78.00 (77.70 to 78.70): VU0
Ion 77.00 (76.70 to 77.70): VU0





#43

Isopropyl Acetate

Concen: 3.029 ug/l

RT: 5.55 min Scan# 1361

Delta R.T. 0.00 min

Lab File: VU028398.D

Acq: 29 Nov 2018 16:57

Instrument :

MSVOA_U

ClientSampleId :

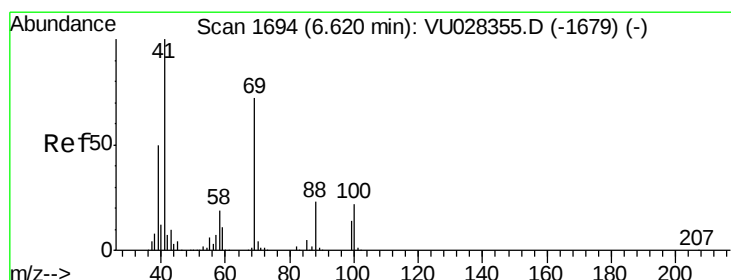
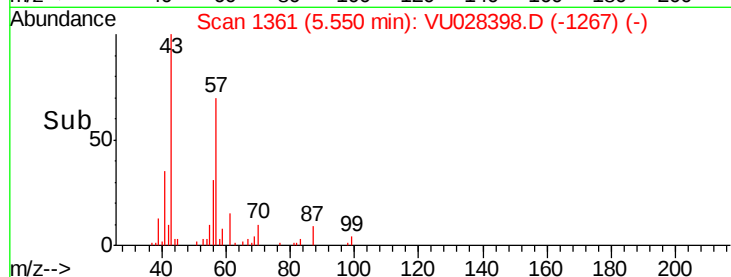
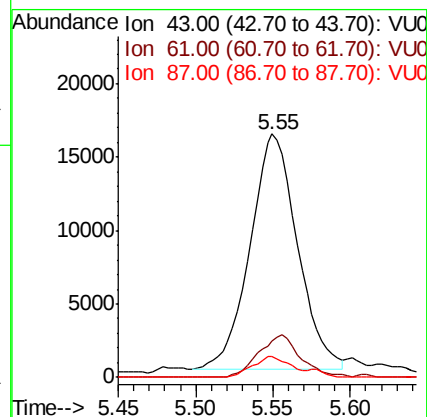
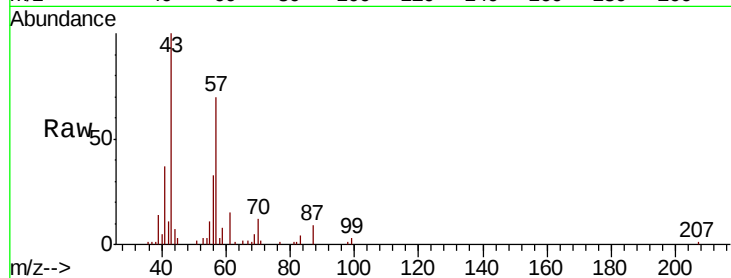
Tot Ion: 43 Resp: 34023

Ion Ratio Lower Upper

43 100

61 16.0 14.5 21.7

87 7.0 8.4 12.6#



#48

Methyl methacrylate

Concen: 28.708 ug/l

RT: 6.70 min Scan# 1720

Delta R.T. 0.08 min

Lab File: VU028398.D

Acq: 29 Nov 2018 16:57

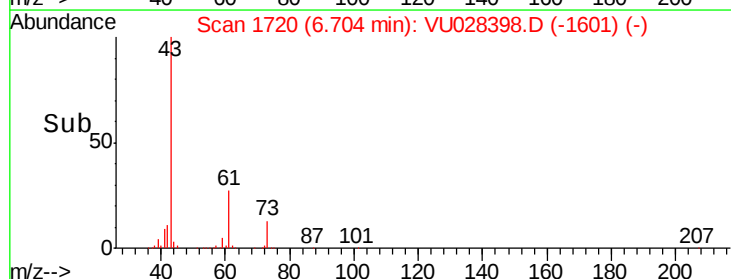
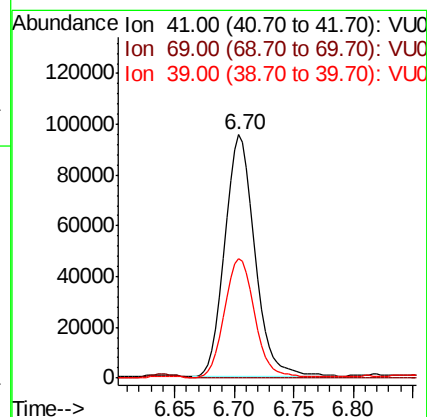
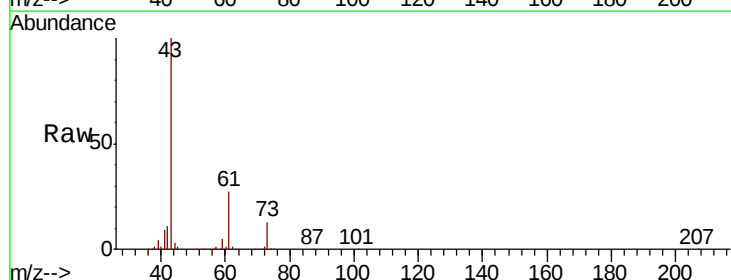
Tgt Ion: 41 Resp: 167951

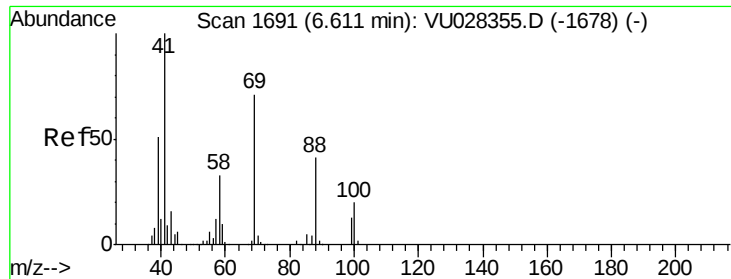
Ion Ratio Lower Upper

41 100

69 0.2 59.0 88.4#

39 49.3 40.5 60.7





#49

1,4-Dioxane

Concen: 0.225 ug/l

RT: 6.69 min Scan# 1717

Delta R.T. 0.08 min

Lab File: VU028398.D

Acq: 29 Nov 2018 16:57

Instrument :

MSVOA_U

ClientSampleId :

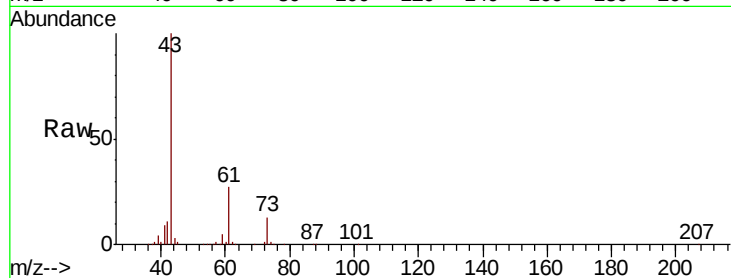
Tot Ion: 88 Resp: 21

Ion Ratio Lower Upper

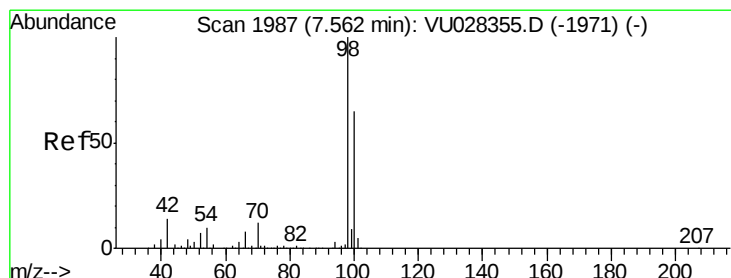
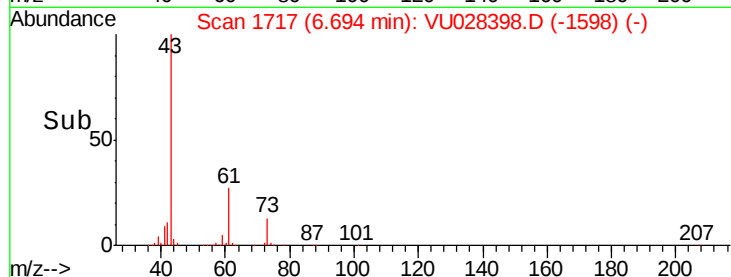
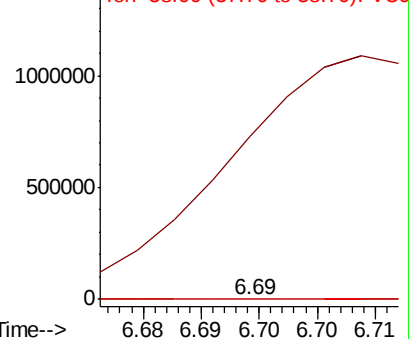
88 100

43 9256123.8 32.6 48.8#

58 34000.0 68.7 103.1#



Abundance Ion 88.00 (87.70 to 88.70): VU0
Ion 43.00 (42.70 to 43.70): VU0
Ion 58.00 (57.70 to 58.70): VU0



#50

Toluene-d8

Concen: 50.275 ug/l

RT: 7.57 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VU028398.D

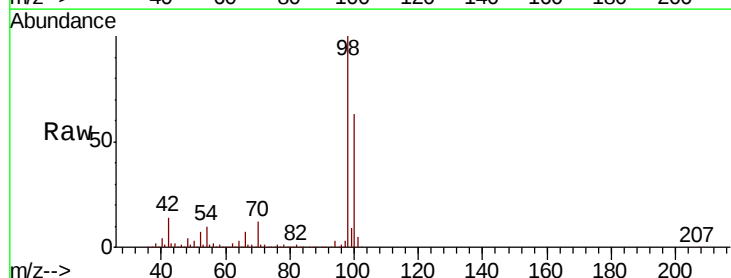
Acq: 29 Nov 2018 16:57

Tgt Ion: 98 Resp: 635427

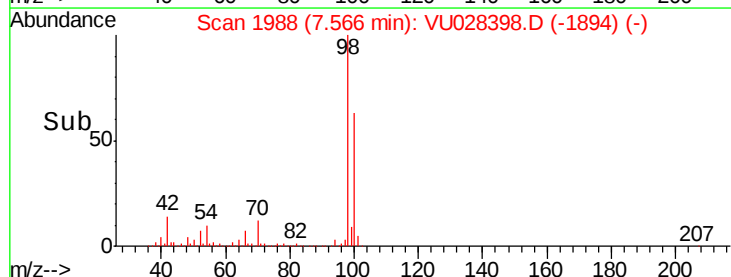
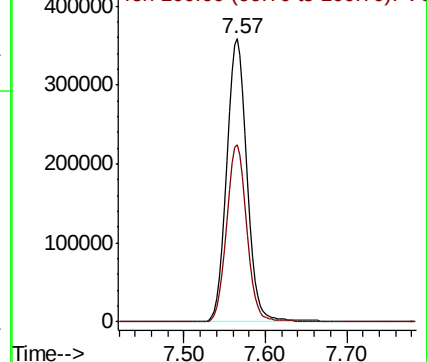
Ion Ratio Lower Upper

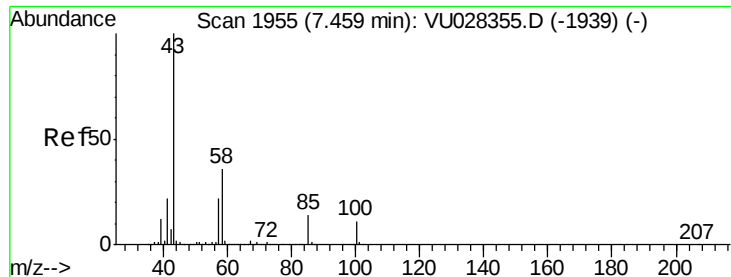
98 100

100 62.5 50.8 76.2



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: 19.721 ug/l

RT: 7.42 min Scan# 1942

Delta R.T. -0.04 min

Lab File: VU028398.D

Acq: 29 Nov 2018 16:57

Instrument :

MSVOA_U

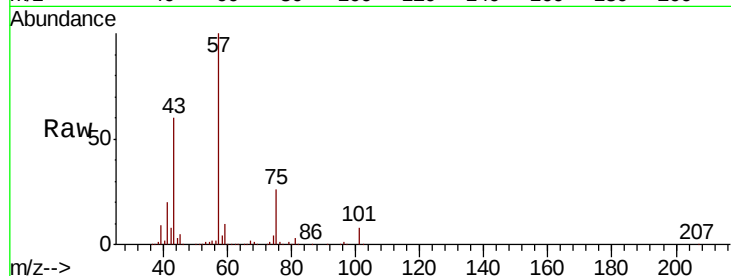
ClientSampled :

Tot Ion: 43 Resp: 141461

Ion Ratio Lower Upper

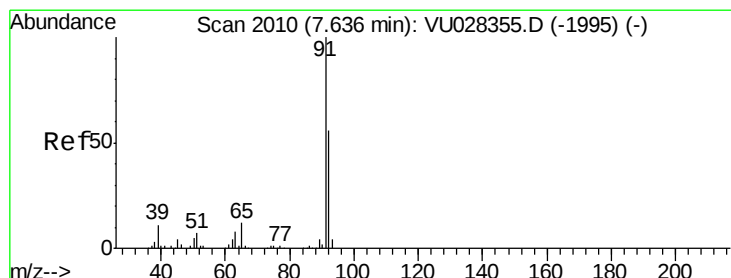
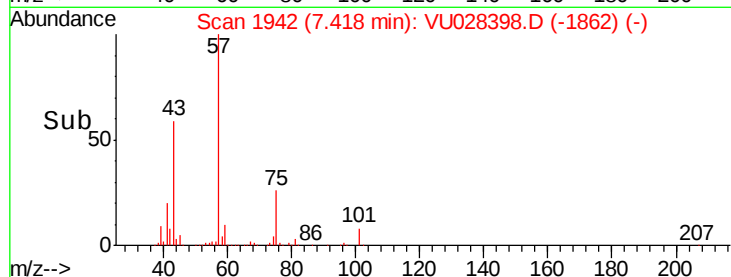
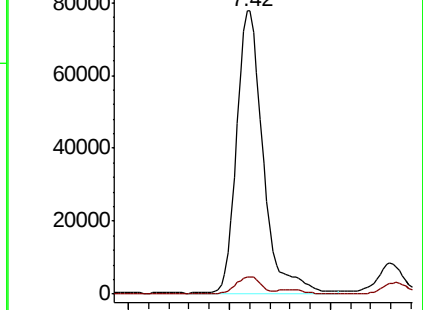
43 100

58 5.9 28.8 43.2#



Abundance Ion 43.00 (42.70 to 43.70): VU028355.D (-1939) (-)

Ion 58.00 (57.70 to 58.70): VU028355.D (-1939) (-)



#52

Toluene

Concen: 125.882 ug/l

RT: 7.64 min Scan# 2010

Delta R.T. 0.00 min

Lab File: VU028398.D

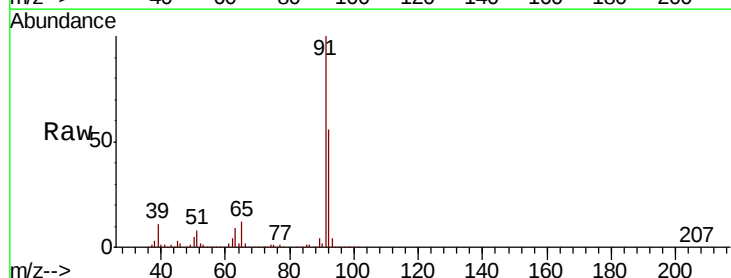
Acq: 29 Nov 2018 16:57

Tgt Ion: 92 Resp: 1116572

Ion Ratio Lower Upper

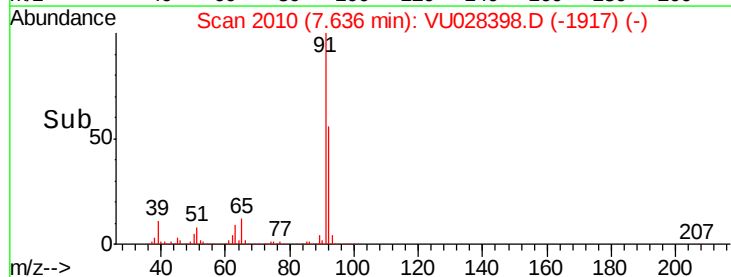
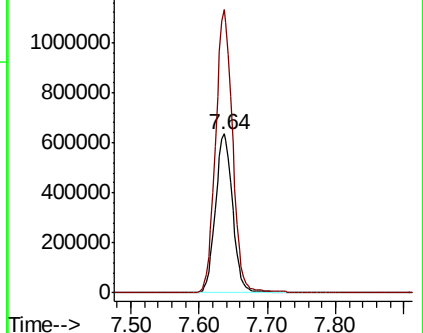
92 100

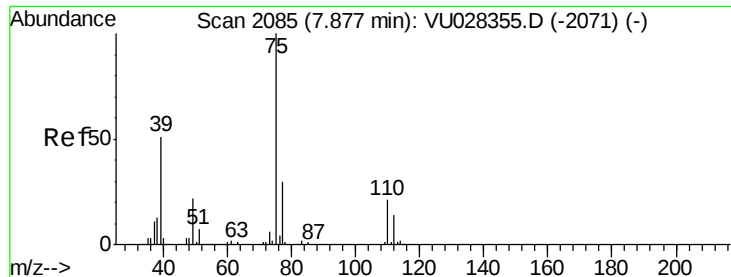
91 176.8 141.8 212.6



Abundance Ion 92.00 (91.70 to 92.70): VU028355.D (-1995) (-)

Ion 91.00 (90.70 to 91.70): VU028355.D (-1995) (-)

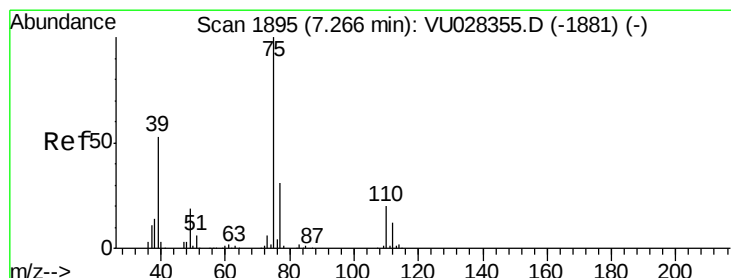
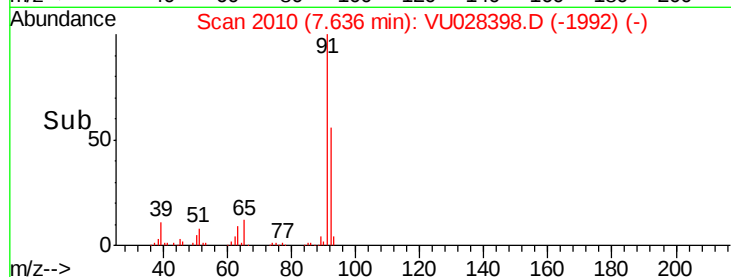
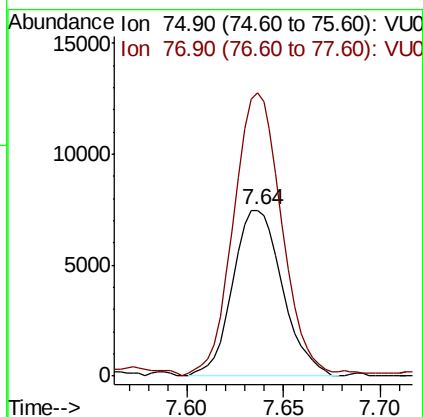
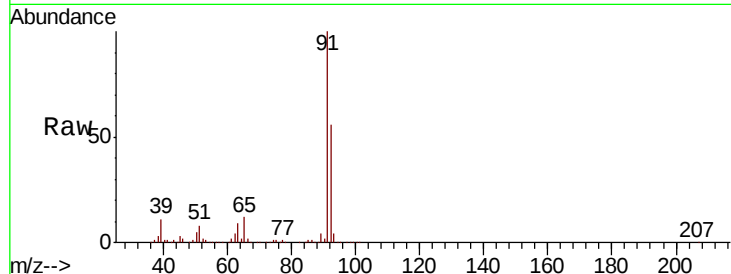




#53
 t-1,3-Dichloropropene
 Concen: 2.171 ug/l
 RT: 7.64 min Scan# 2010
 Delta R.T. -0.24 min
 Lab File: VU028398.D
 Acq: 29 Nov 2018 16:57

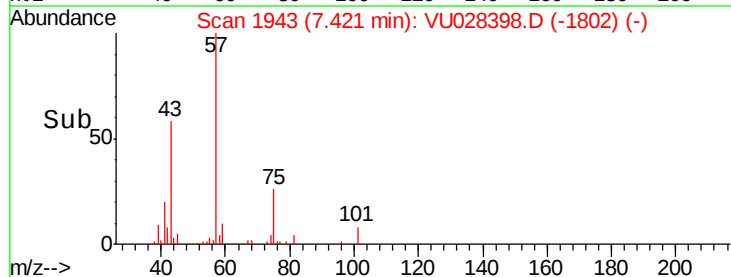
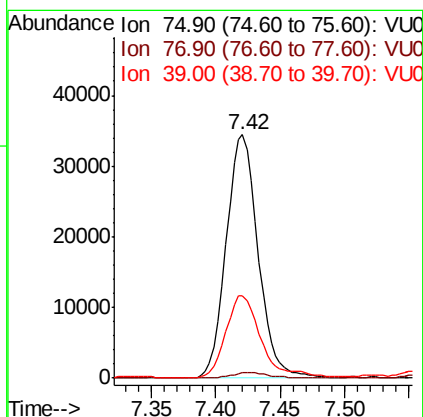
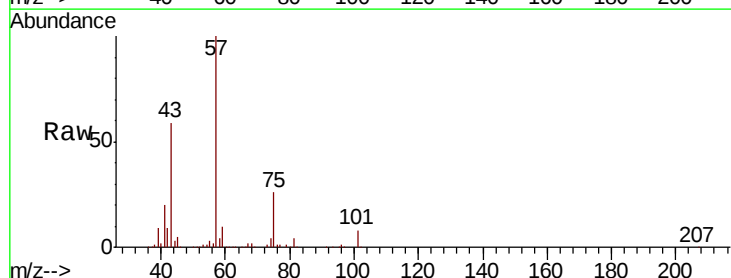
Instrument :
 MSVOA_U
 ClientSampleId :

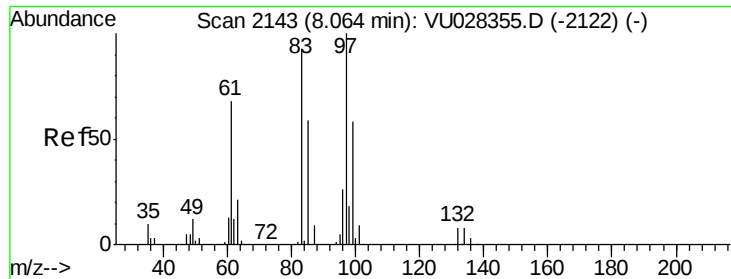
Tot Ion: 75 Resp: 13377
 Ion Ratio Lower Upper
 75 100
 77 168.5 24.1 36.1#



#54
 cis-1,3-Dichloropropene
 Concen: 8.968 ug/l
 RT: 7.42 min Scan# 1943
 Delta R.T. 0.15 min
 Lab File: VU028398.D
 Acq: 29 Nov 2018 16:57

Tgt Ion: 75 Resp: 59207
 Ion Ratio Lower Upper
 75 100
 77 2.2 24.9 37.3#
 39 33.6 42.6 64.0#





#55

1,1,2-Trichloroethane

Concen: 0.418 ug/l

RT: 8.04 min Scan# 2137

Delta R.T. -0.02 min

Lab File: VU028398.D

Acq: 29 Nov 2018 16:57

Instrument :

MSVOA_U

ClientSampleId :

Tot Ion: 97 Resp: 1543

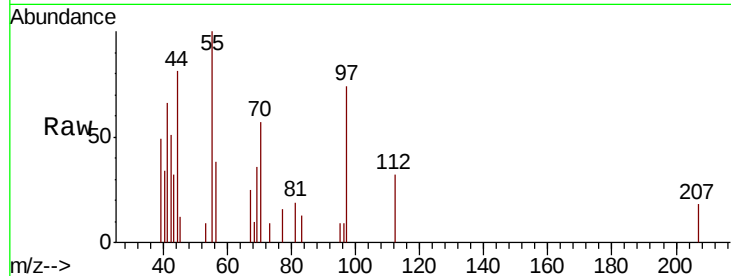
Ion Ratio Lower Upper

97 100

83 17.0 74.3 111.5#

85 0.0 47.2 70.8#

99 0.0 48.9 73.3#

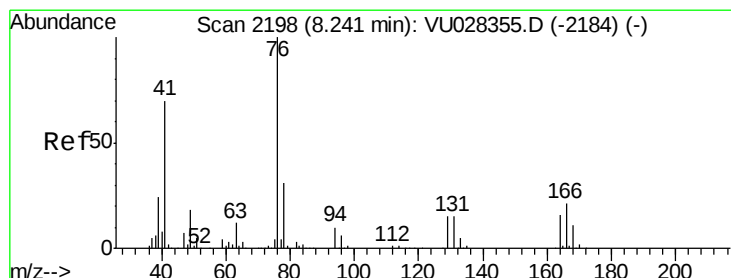
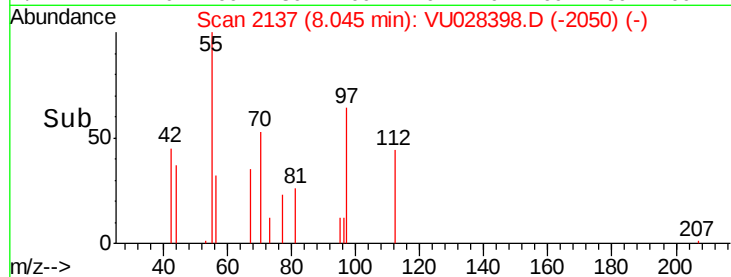
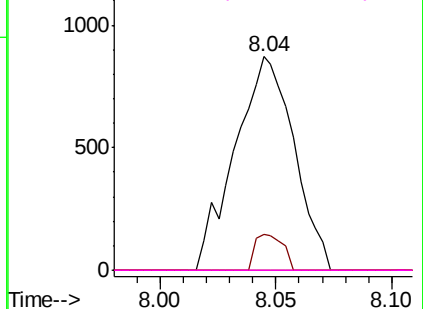


Abundance Ion 96.90 (96.60 to 97.60): VU0

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



#57

1,3-Dichloropropane

Concen: 1.986 ug/l

RT: 8.41 min Scan# 2252

Delta R.T. 0.17 min

Lab File: VU028398.D

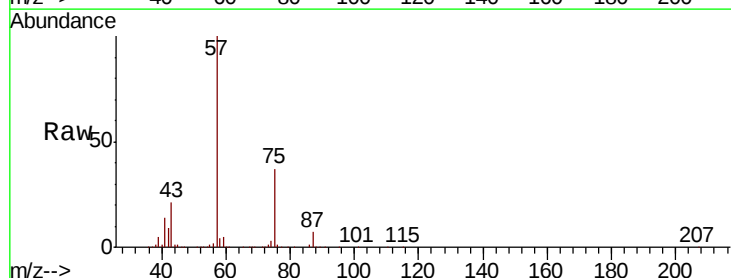
Acq: 29 Nov 2018 16:57

Tgt Ion: 76 Resp: 13448

Ion Ratio Lower Upper

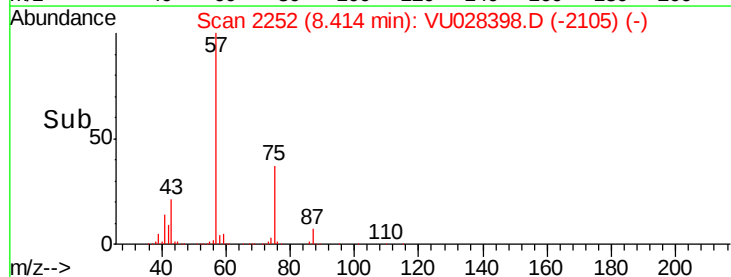
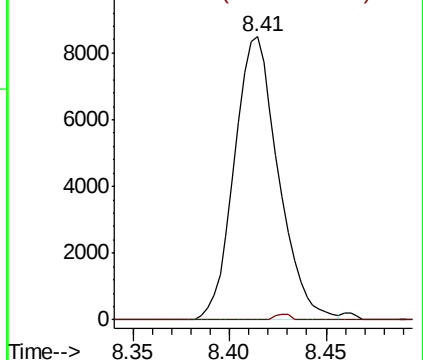
76 100

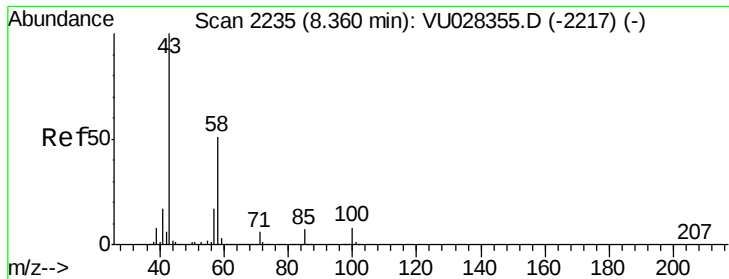
78 0.7 25.4 38.0#



Abundance Ion 75.90 (75.60 to 76.60): VU0

Ion 77.90 (77.60 to 78.60): VU0

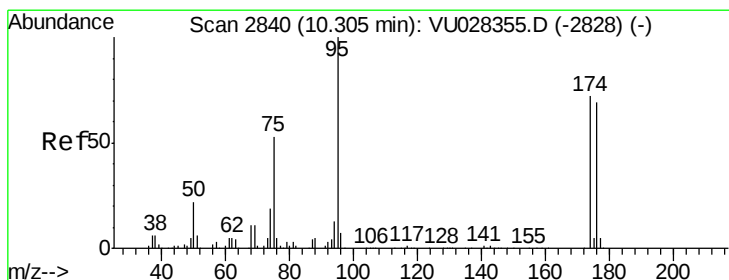
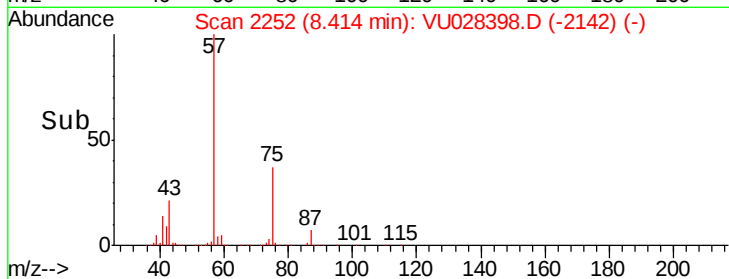
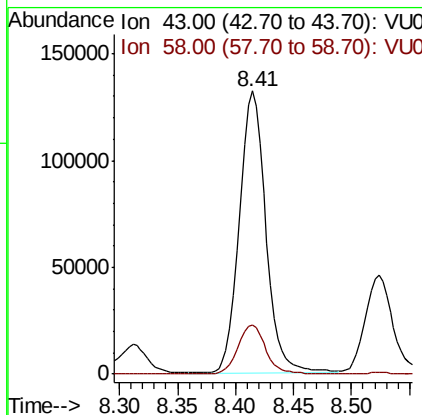
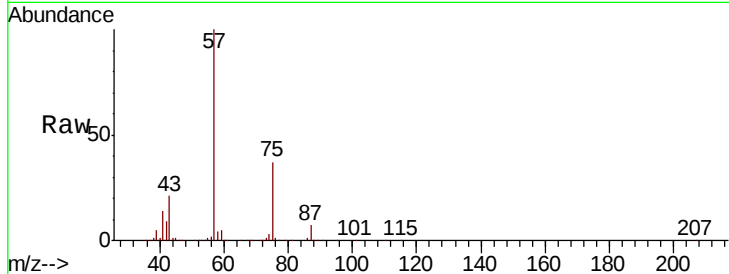




#59
2-Hexanone
Concen: 37.833 ug/l
RT: 8.41 min Scan# 2252
Delta R.T. 0.05 min
Lab File: VU028398.D
Acq: 29 Nov 2018 16:57

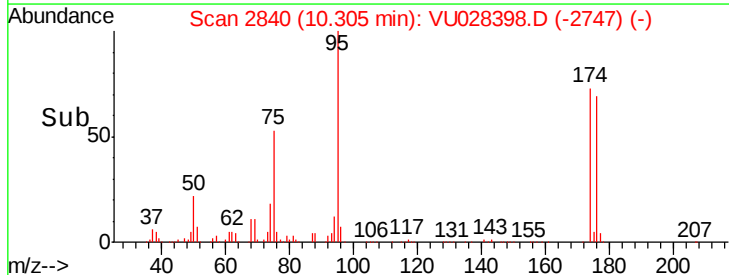
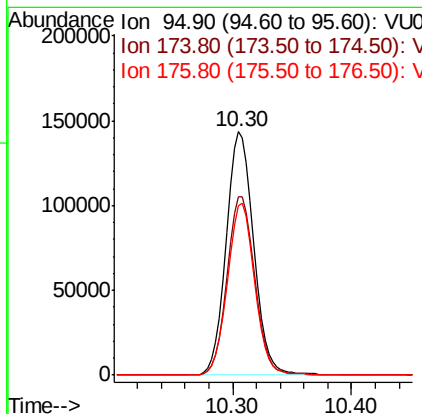
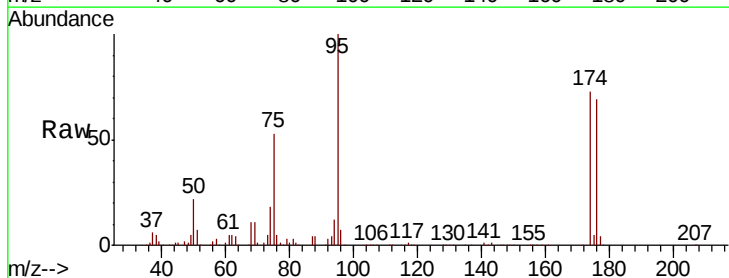
Instrument :
MSVOA_U
ClientSampled :

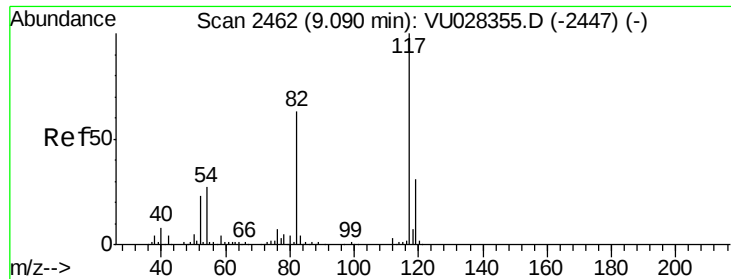
Tot Ion: 43 Resp: 210212
Ion Ratio Lower Upper
43 100
58 18.5 25.5 76.5#



#62
4-Bromofluorobenzene
Concen: 50.529 ug/l
RT: 10.30 min Scan# 2840
Delta R.T. 0.00 min
Lab File: VU028398.D
Acq: 29 Nov 2018 16:57

Tgt Ion: 95 Resp: 230181
Ion Ratio Lower Upper
95 100
174 74.0 0.0 145.4
176 70.0 0.0 140.8

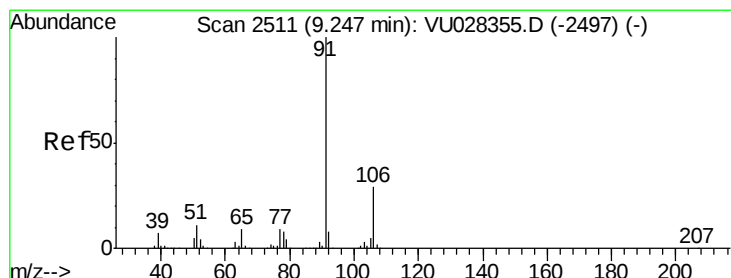
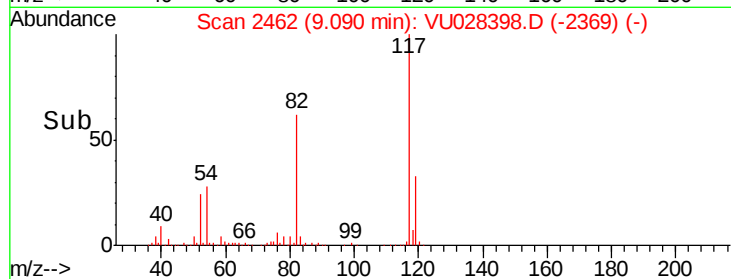
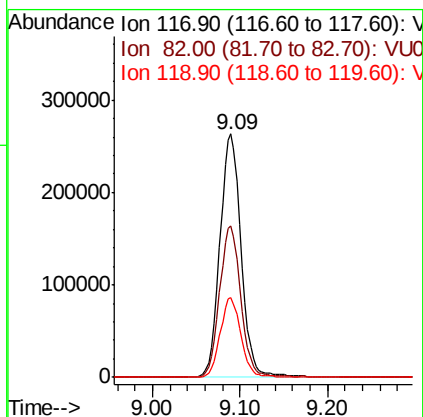
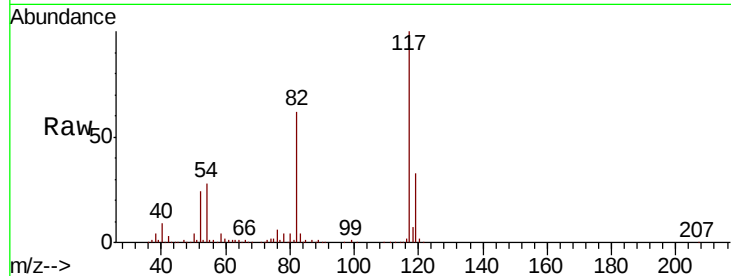




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. 0.00 min
Lab File: VU028398.D
Acq: 29 Nov 2018 16:57

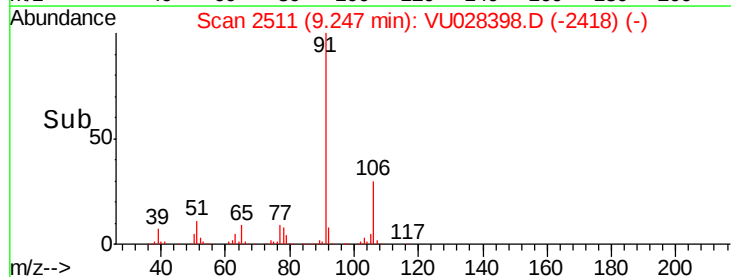
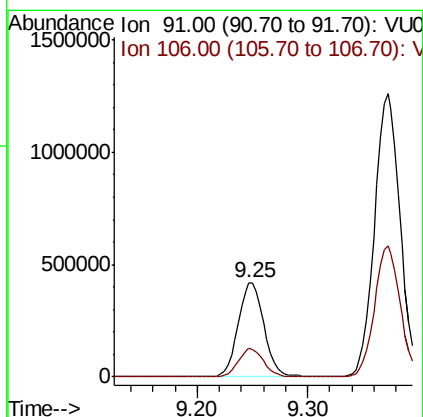
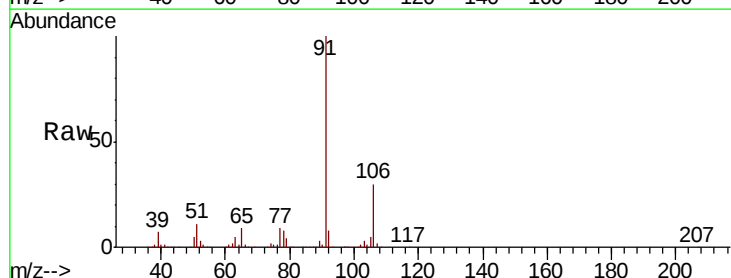
Instrument :
MSVOA_U
ClientSampleId :

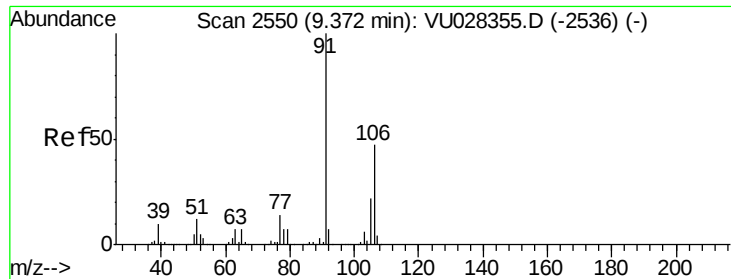
Tot Ion:117 Resp: 442693
Ion Ratio Lower Upper
117 100
82 62.3 50.3 75.5
119 32.6 24.8 37.2



#67
Ethyl Benzene
Concen: 39.601 ug/l
RT: 9.25 min Scan# 2511
Delta R.T. 0.00 min
Lab File: VU028398.D
Acq: 29 Nov 2018 16:57

Tgt Ion: 91 Resp: 685608
Ion Ratio Lower Upper
91 100
106 30.1 23.3 34.9

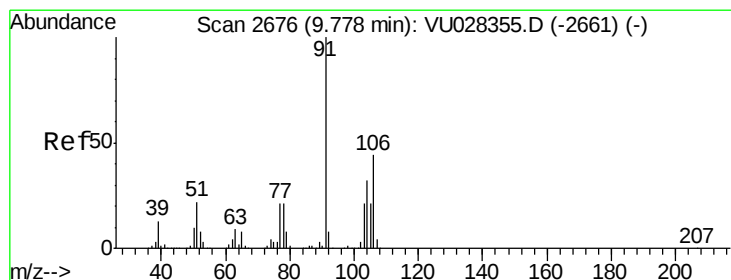
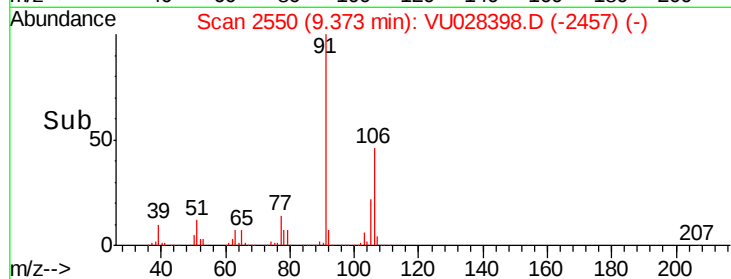
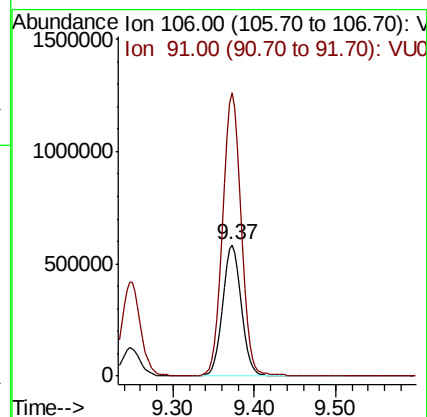
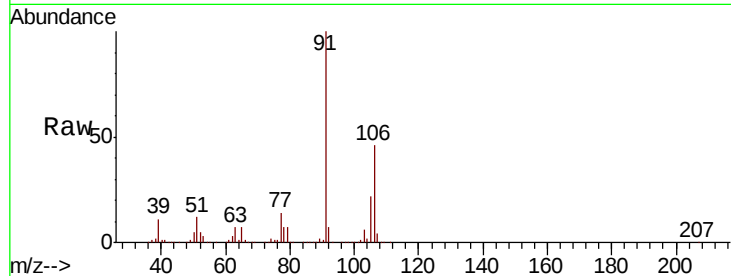




#68
m/p-Xylenes
Concen: 153.417 ug/l
RT: 9.37 min Scan# 2550
Delta R.T. 0.00 min
Lab File: VU028398.D
Acq: 29 Nov 2018 16:57

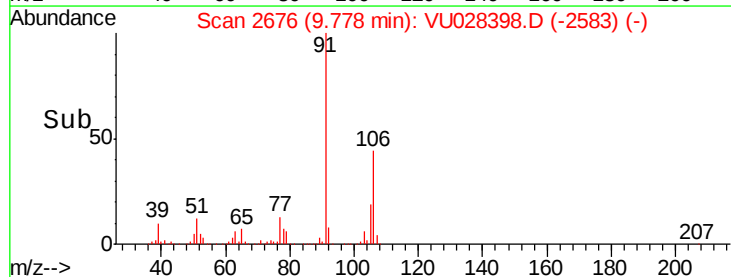
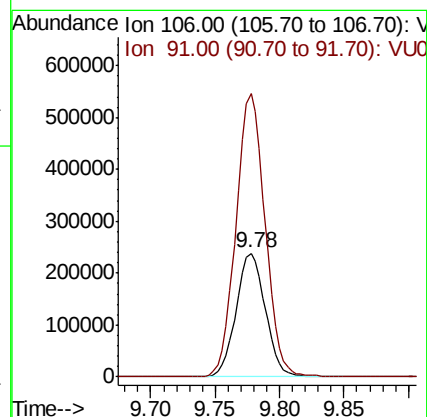
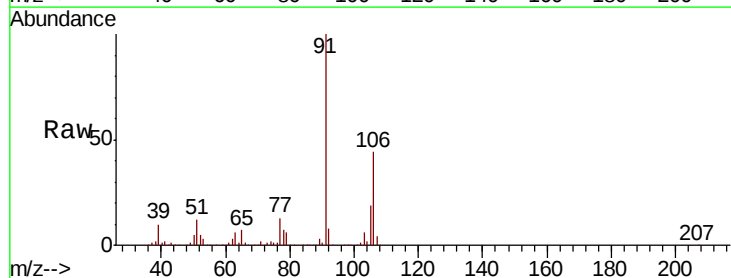
Instrument :
MSVOA_U
ClientSampleId :

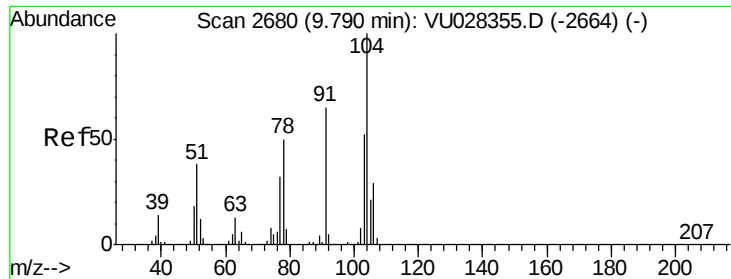
Tot Ion:106 Resp: 956012
Ion Ratio Lower Upper
106 100
91 214.1 171.0 256.6



#69
o-Xylene
Concen: 60.768 ug/l
RT: 9.78 min Scan# 2676
Delta R.T. 0.00 min
Lab File: VU028398.D
Acq: 29 Nov 2018 16:57

Tgt Ion:106 Resp: 376437
Ion Ratio Lower Upper
106 100
91 227.6 112.7 338.0

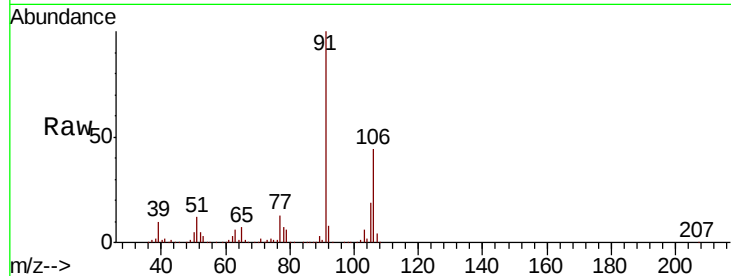




#70
Stvrene
Concen: 1.969 ug/l
RT: 9.78 min Scan# 2676
Delta R.T. -0.01 min
Lab File: VU028398.D
Acq: 29 Nov 2018 16:57

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion	Ion	Ratio	Lower	Upper
104	100			
78	307.2	43.3	64.9#	
103	268.1	44.8	67.2#	

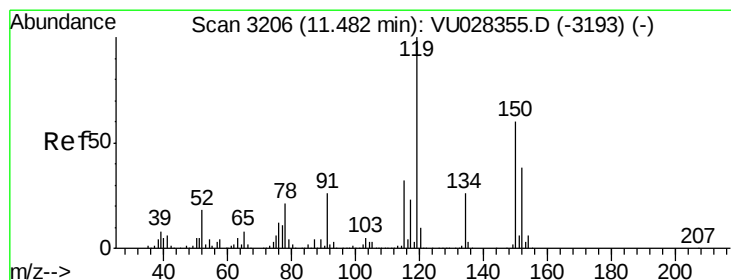
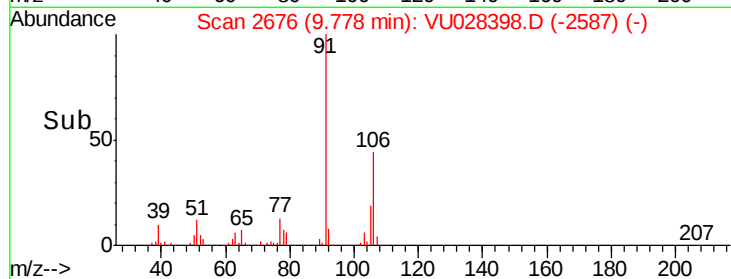
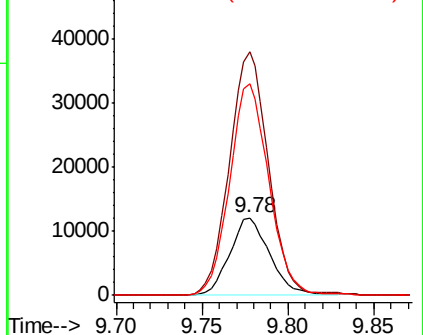


Abundance

Ion 104.00 (103.70 to 104.70): V

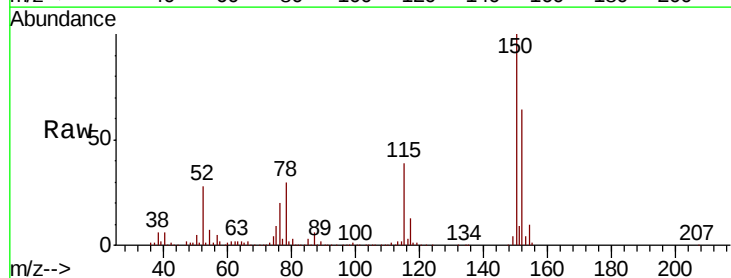
Ion 78.00 (77.70 to 78.70): V

Ion 103.00 (102.70 to 103.70): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.48 min Scan# 3206
Delta R.T. 0.00 min
Lab File: VU028398.D
Acq: 29 Nov 2018 16:57

Tgt Ion	Ion	Ratio	Lower	Upper
152	100			
115	60.5	45.0	134.8	
150	156.3	0.0	349.2	

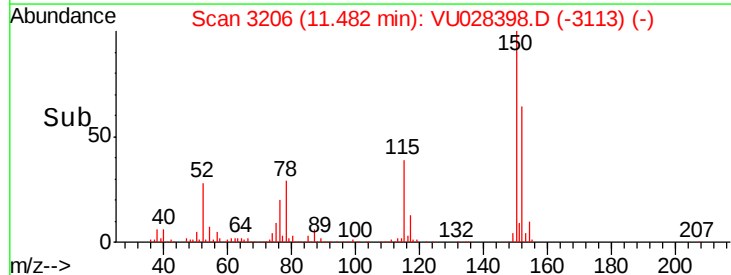
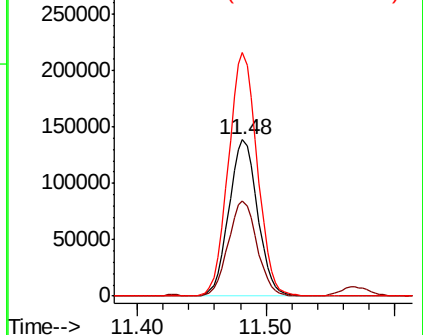


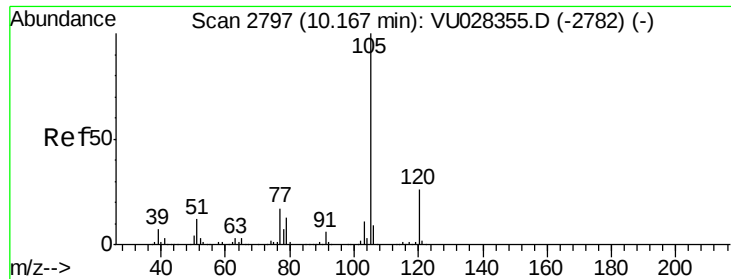
Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 2.984 ug/l

RT: 10.17 min Scan# 2797

Delta R.T. 0.00 min

Lab File: VU028398.D

Acq: 29 Nov 2018 16:57

Instrument :

MSVOA_U

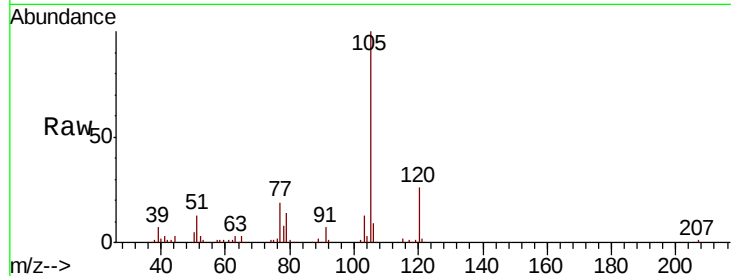
ClientSampleId :

Tot Ion:105 Resp: 49684

Ion Ratio Lower Upper

105 100

120 25.4 12.8 38.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

10.17

30000

20000

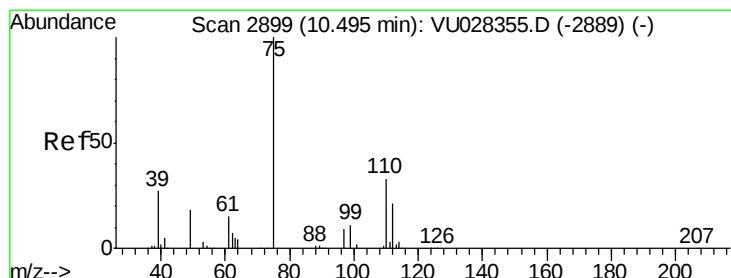
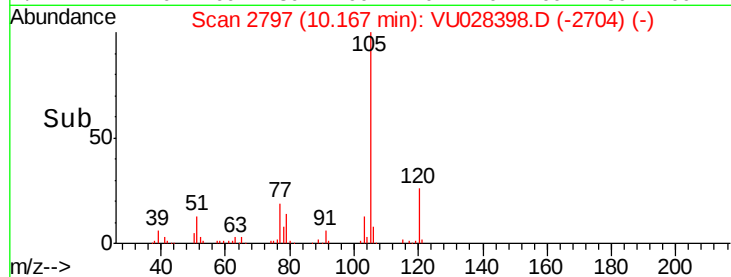
10000

0

Time-->

10.10

10.20



#76

1,2,3-Trichloropropane

Concen: 1.676 ug/l

RT: 10.68 min Scan# 2956

Delta R.T. 0.18 min

Lab File: VU028398.D

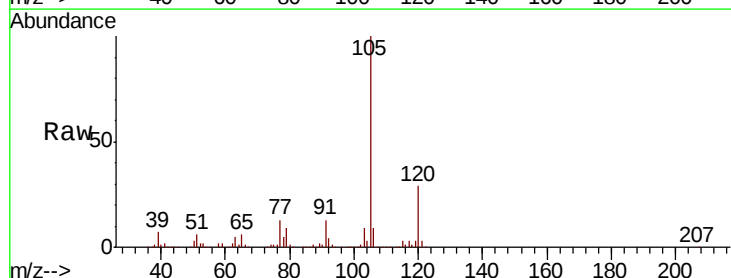
Acq: 29 Nov 2018 16:57

Tgt Ion: 75 Resp: 9952

Ion Ratio Lower Upper

75 100

77 1386.3 22.4 67.0#



Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 77.00 (76.70 to 77.70): VU0

10.68

60000

40000

20000

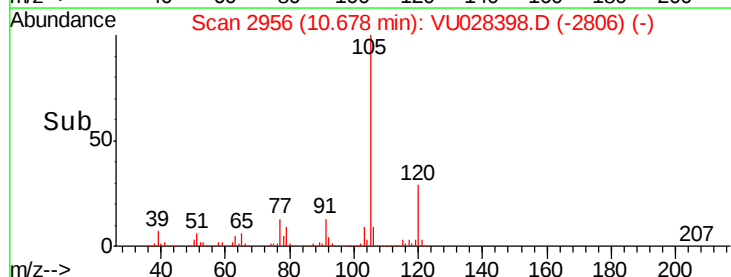
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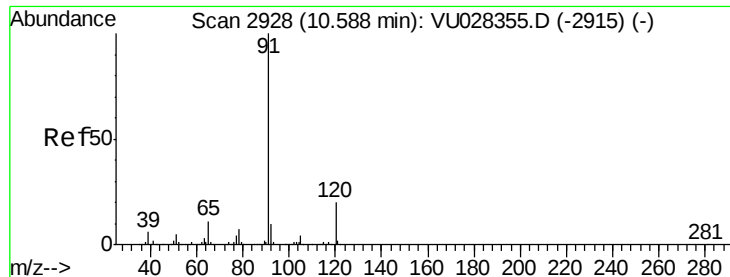
Time-->

10.65

10.70

10.75





#78

n-propylbenzene

Concen: 11.802 ug/l

RT: 10.58 min Scan# 2927

Delta R.T. -0.00 min

Lab File: VU028398.D

Acq: 29 Nov 2018 16:57

Instrument :

MSVOA_U

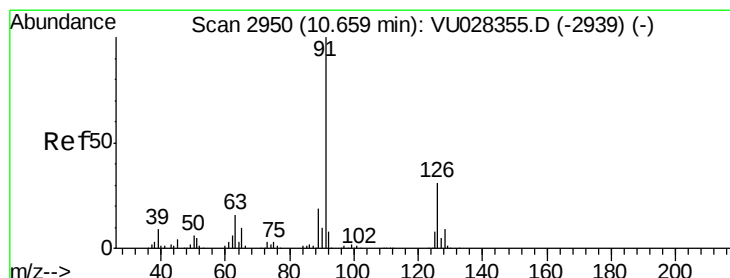
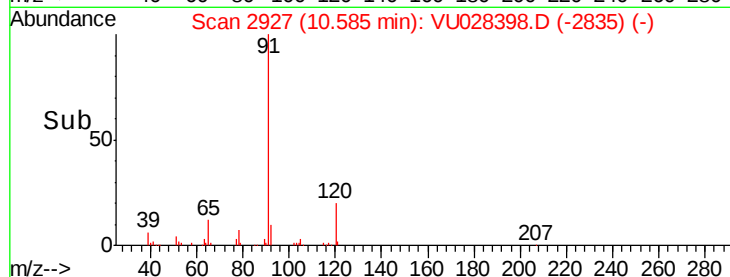
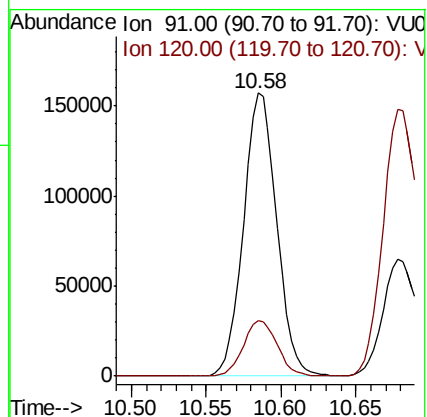
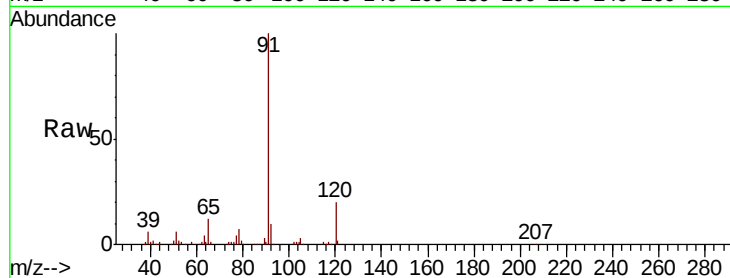
ClientSampleId :

Tot Ion: 91 Resp: 242438

Ion Ratio Lower Upper

91 100

120 20.0 10.3 30.8



#79

2-Chlorotoluene

Concen: 10.971 ug/l

RT: 10.68 min Scan# 2956

Delta R.T. 0.02 min

Lab File: VU028398.D

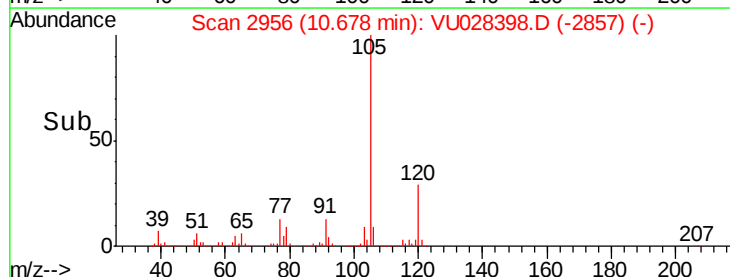
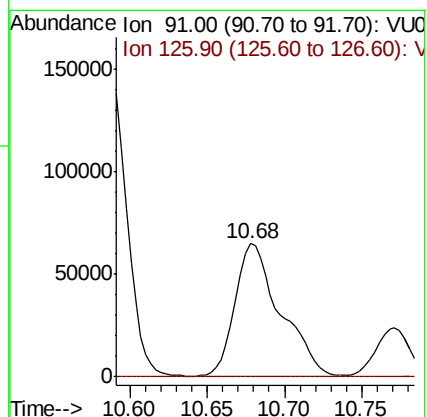
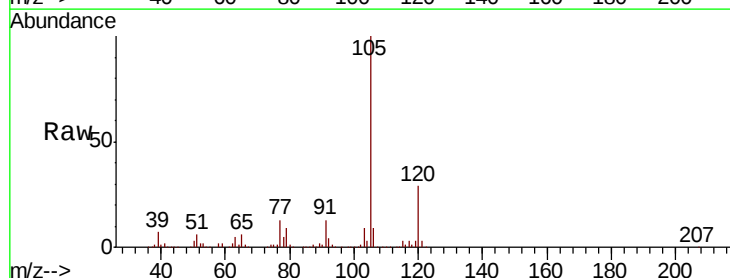
Acq: 29 Nov 2018 16:57

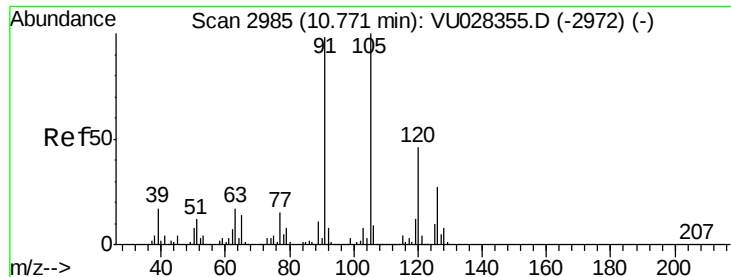
Tgt Ion: 91 Resp: 132858

Ion Ratio Lower Upper

91 100

126 0.0 15.4 46.1#





#80

1,3,5-Trimethylbenzene

Concen: 24.428 ug/l

RT: 10.77 min Scan# 2985

Delta R.T. 0.00 min

Lab File: VU028398.D

Acq: 29 Nov 2018 16:57

Instrument :

MSVOA_U

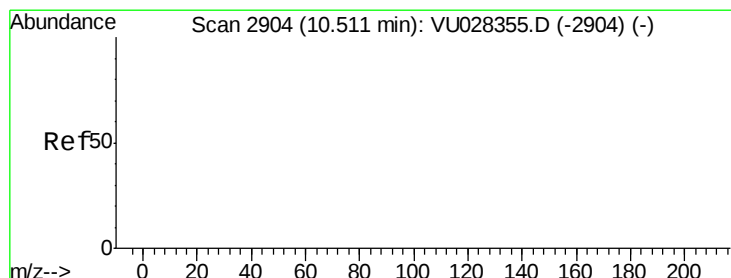
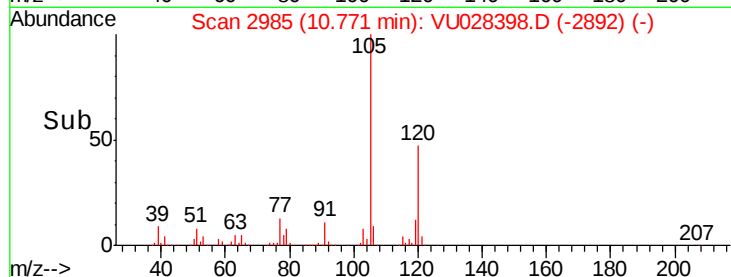
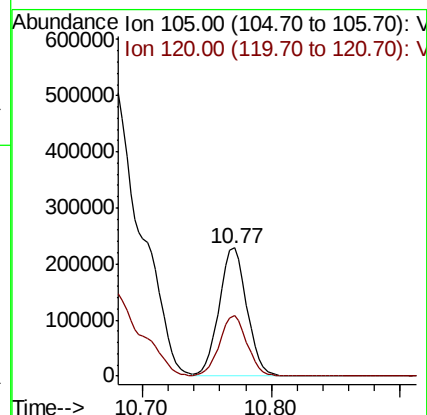
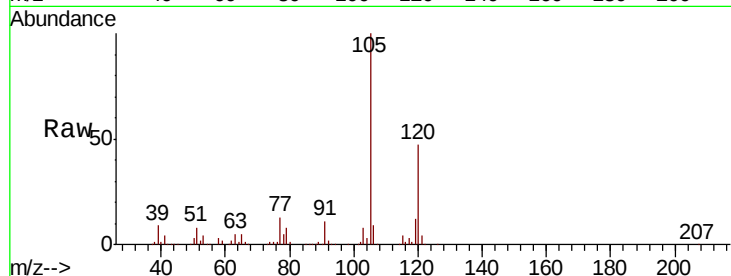
ClientSampleId :

Tot Ion:105 Resp: 342777

Ion Ratio Lower Upper

105 100

120 46.6 23.4 70.0



#81

trans-1,4-Dichloro-2-butene

Concen: 4.450 ug/l

RT: 10.68 min Scan# 2956

Delta R.T. 0.17 min

Lab File: VU028398.D

Acq: 29 Nov 2018 16:57

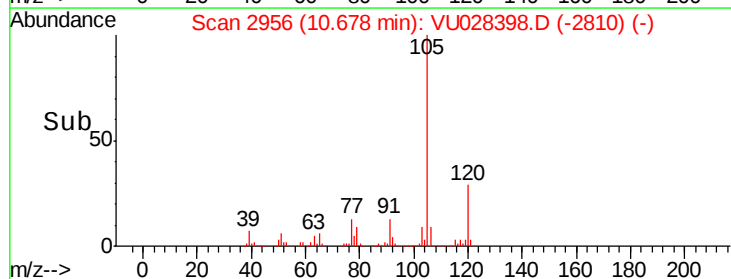
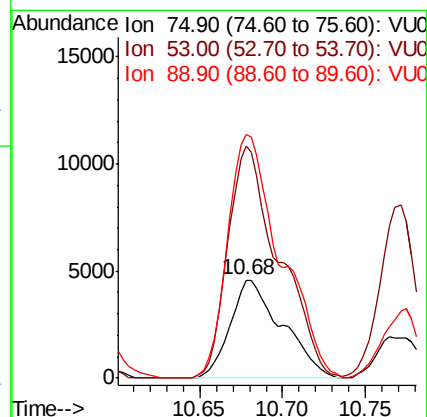
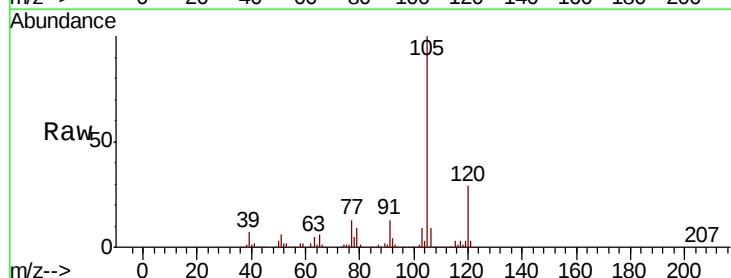
Tgt Ion: 75 Resp: 9952

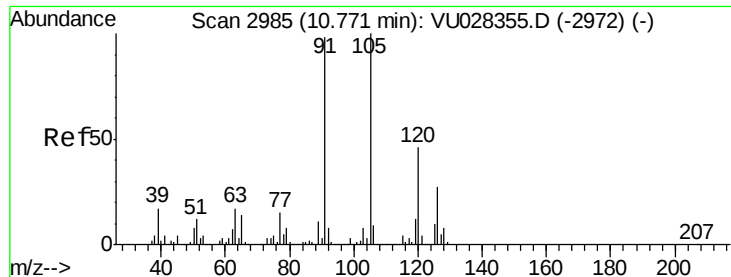
Ion Ratio Lower Upper

75 100

53 234.4 0.0 0.0#

89 253.2 0.0 0.0#

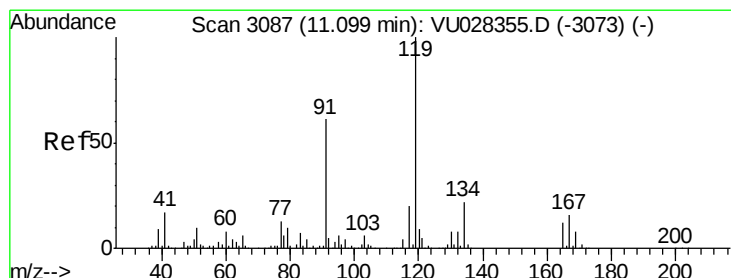
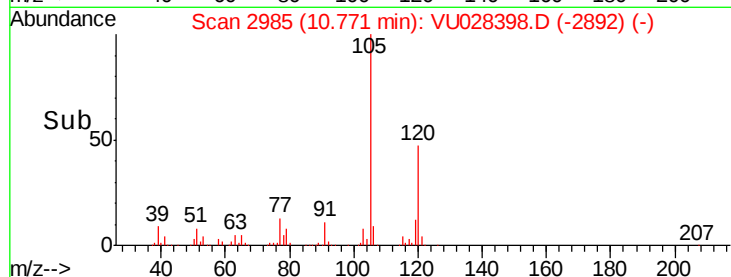
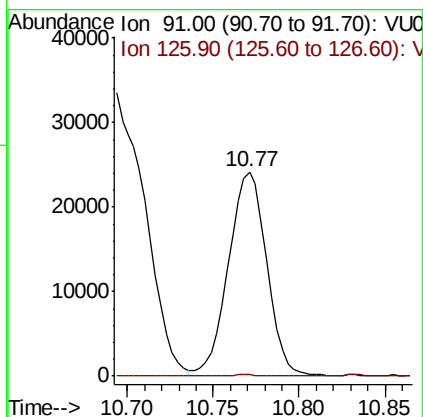
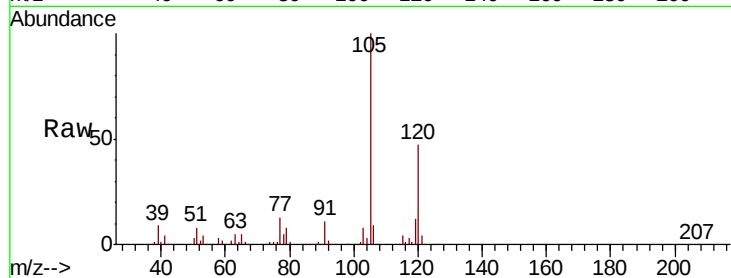




#82
4-Chlorotoluene
Concen: 2.646 ug/l
RT: 10.77 min Scan# 2985
Delta R.T. 0.00 min
Lab File: VU028398.D
Acq: 29 Nov 2018 16:57

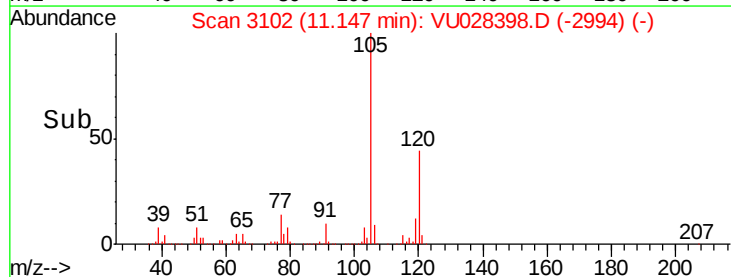
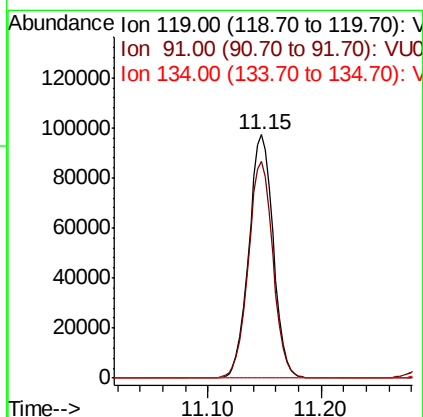
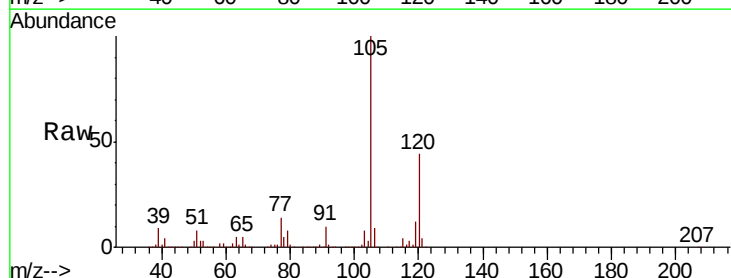
Instrument :
MSVOA_U
ClientSampleId :

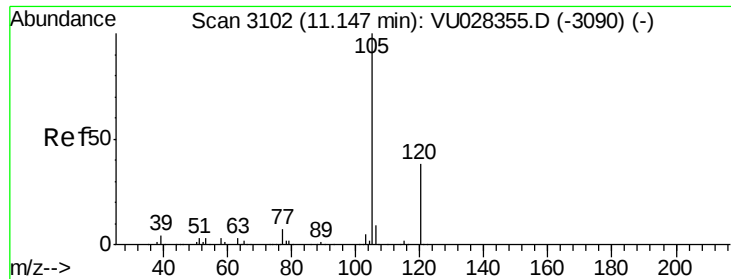
Tot Ion: 91 Resp: 36911
Ion Ratio Lower Upper
91 100
126 0.3 13.9 41.6#



#83
tert-Butylbenzene
Concen: 11.155 ug/l
RT: 11.15 min Scan# 3102
Delta R.T. 0.05 min
Lab File: VU028398.D
Acq: 29 Nov 2018 16:57

Tgt Ion: 119 Resp: 145917
Ion Ratio Lower Upper
119 100
91 89.5 30.8 92.4
134 0.0 11.1 33.1#

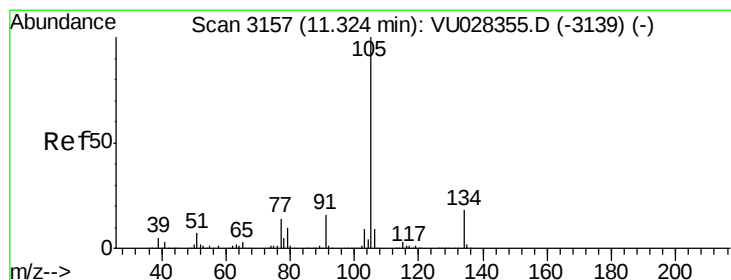
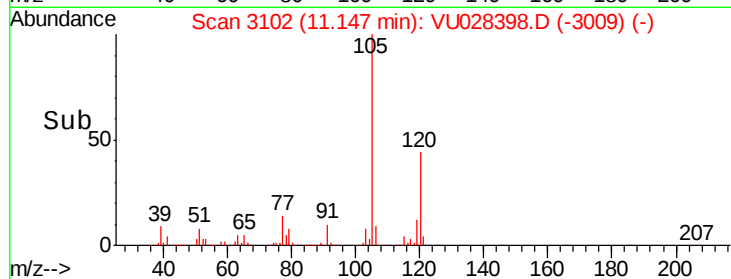
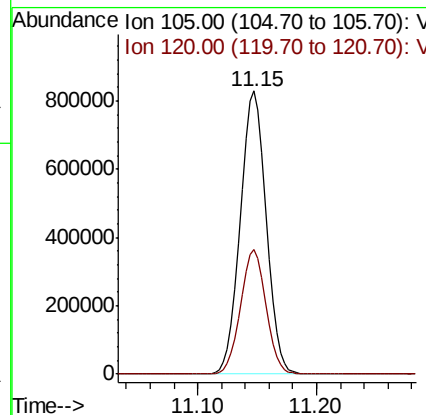
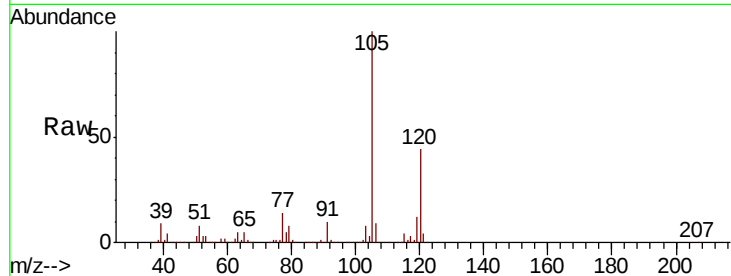




#84
 1,2,4-Trimethylbenzene
 Concen: 88.016 ug/l
 RT: 11.15 min Scan# 3102
 Delta R.T. 0.00 min
 Lab File: VU028398.D
 Acq: 29 Nov 2018 16:57

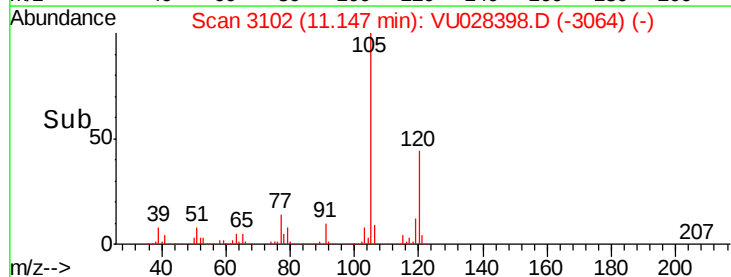
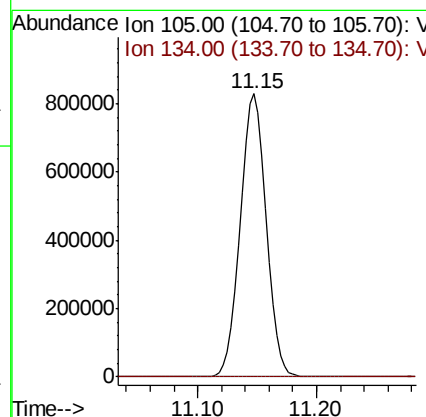
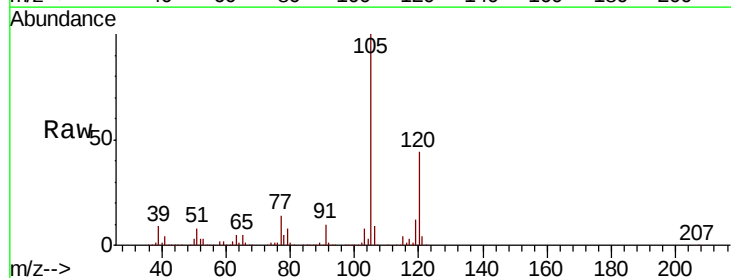
Instrument :
 MSVOA_U
 ClientSampleId :

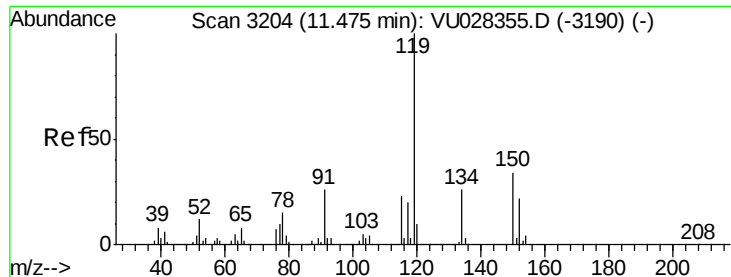
Tot Ion:105 Resp: 1250977
 Ion Ratio Lower Upper
 105 100
 120 43.3 21.4 64.3



#85
 sec-Butylbenzene
 Concen: 73.630 ug/l
 RT: 11.15 min Scan# 3102
 Delta R.T. -0.18 min
 Lab File: VU028398.D
 Acq: 29 Nov 2018 16:57

Tgt Ion:105 Resp: 1250977
 Ion Ratio Lower Upper
 105 100
 134 0.0 9.3 27.7#

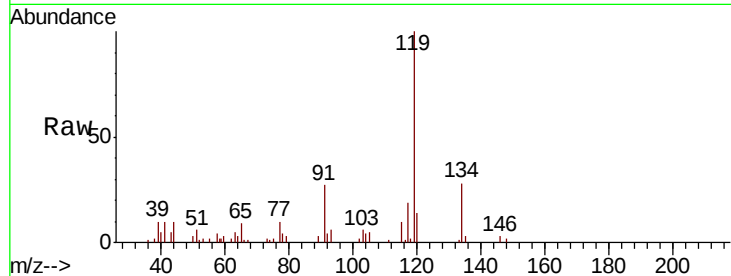




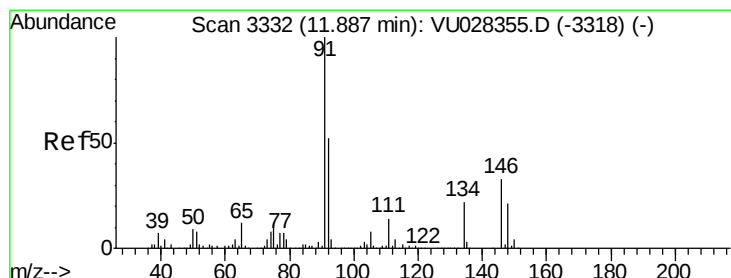
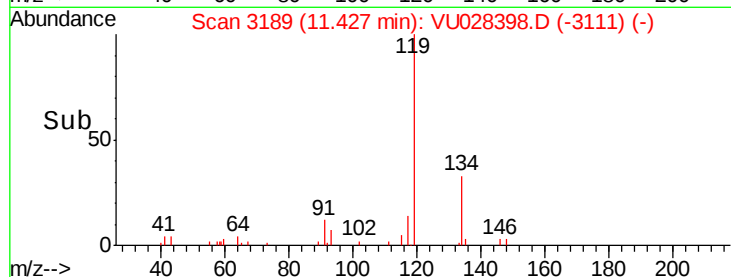
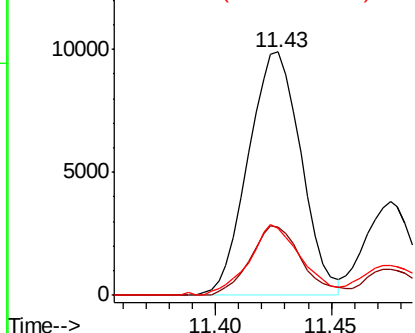
#86
p-Isopropyltoluene
Concen: 1.127 ug/l
RT: 11.43 min Scan# 3189
Delta R.T. -0.05 min
Lab File: VU028398.D
Acq: 29 Nov 2018 16:57

Instrument :
MSVOA_U
ClientSampled :

Tot Ion:119 Resp: 15738
Ion Ratio Lower Upper
119 100
134 27.9 12.8 38.3
91 28.4 13.1 39.1

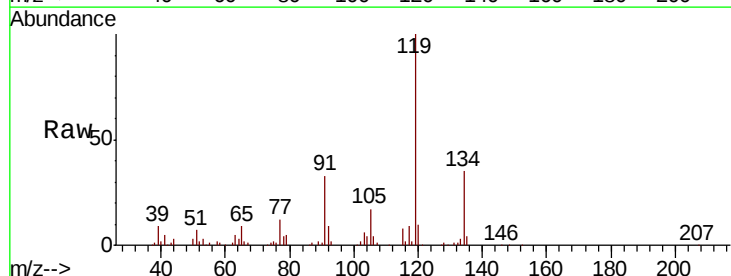


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 134.00 (133.70 to 134.70): V
Ion 91.00 (90.70 to 91.70): V

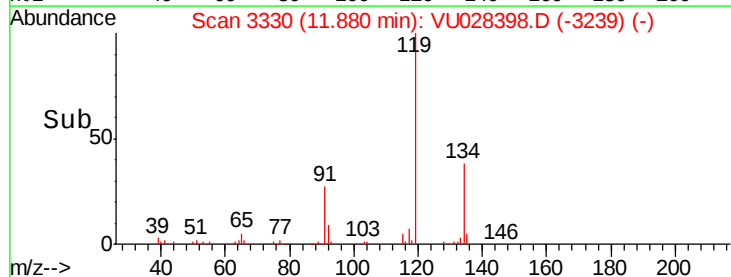
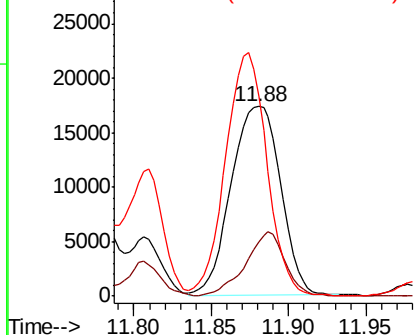


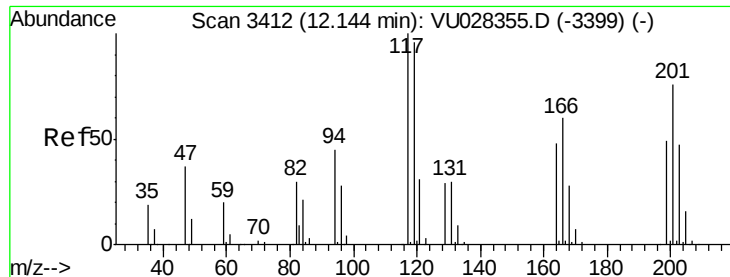
#89
n-Butylbenzene
Concen: 2.795 ug/l
RT: 11.88 min Scan# 3330
Delta R.T. -0.01 min
Lab File: VU028398.D
Acq: 29 Nov 2018 16:57

Tgt Ion: 91 Resp: 38543
Ion Ratio Lower Upper
91 100
92 27.2 26.2 78.5
134 107.9 11.1 33.1#



Abundance Ion 91.00 (90.70 to 91.70): VU
Ion 92.00 (91.70 to 92.70): VU
Ion 134.00 (133.70 to 134.70): V





#90

Hexachloroethane

Concen: 3.308 ug/l

RT: 12.14 min Scan# 3412

Delta R.T. 0.00 min

Lab File: VU028398.D

Acq: 29 Nov 2018 16:57

Instrument :

MSVOA_U

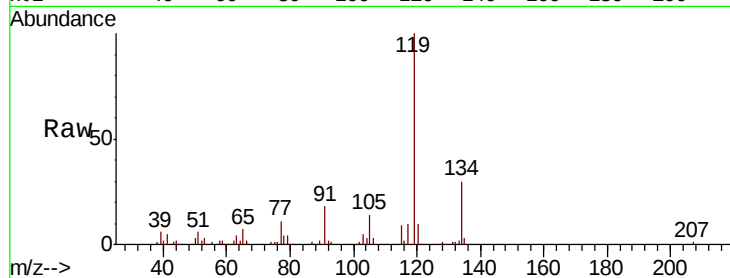
ClientSampleId :

Tot Ion:117 Resp: 7215

Ion Ratio Lower Upper

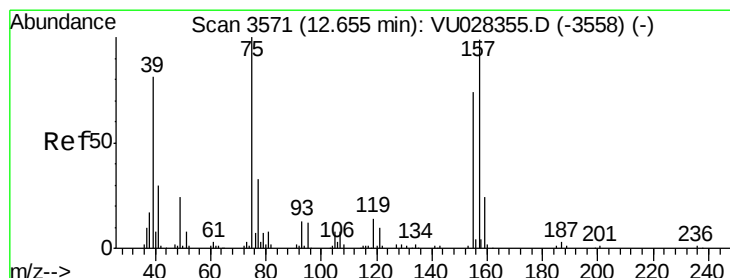
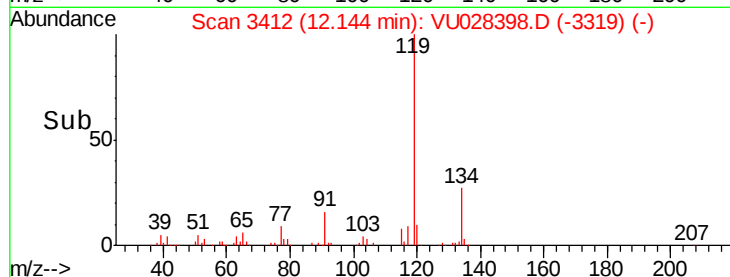
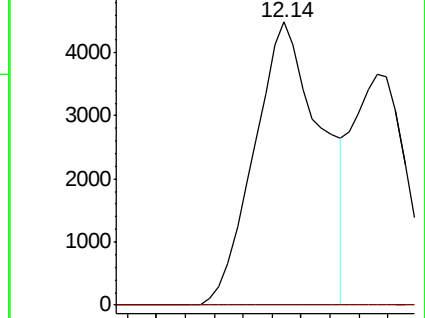
117 100

201 0.0 37.7 113.1#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.342 ug/l

RT: 12.64 min Scan# 3567

Delta R.T. -0.01 min

Lab File: VU028398.D

Acq: 29 Nov 2018 16:57

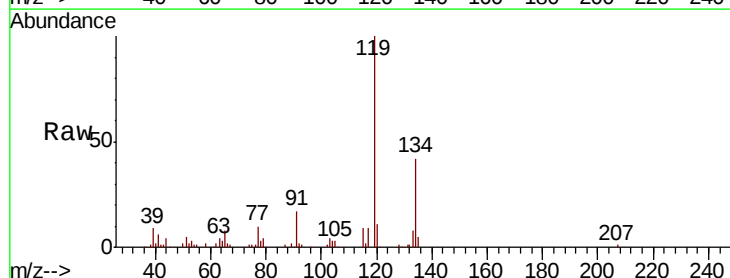
Tgt Ion: 75 Resp: 521

Ion Ratio Lower Upper

75 100

155 0.0 36.9 110.7#

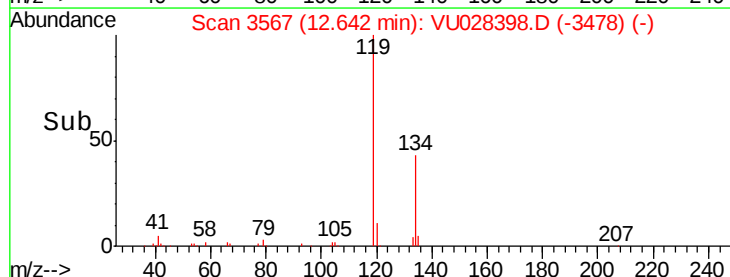
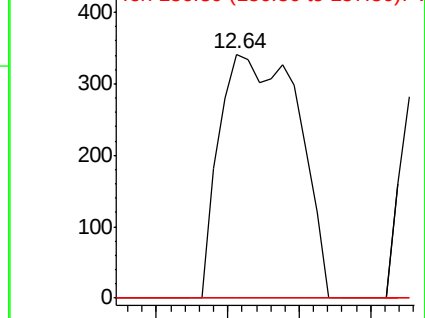
157 0.0 47.5 142.5#

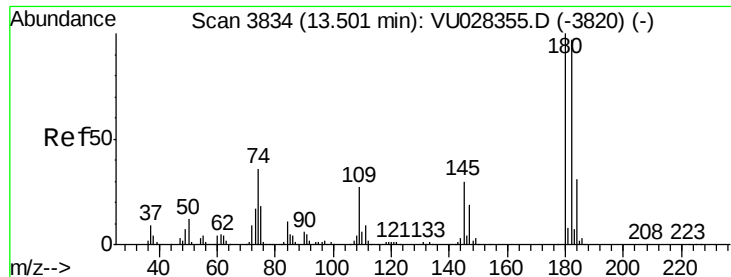


Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

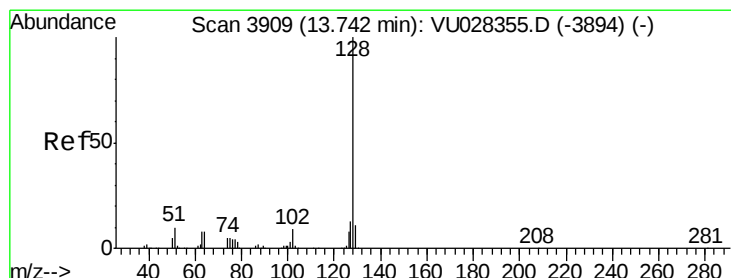
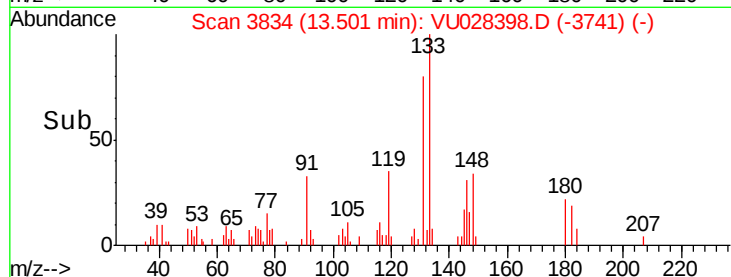
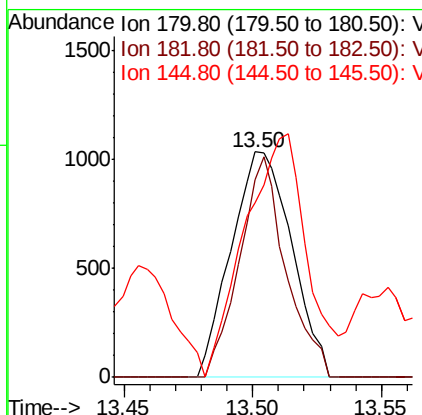
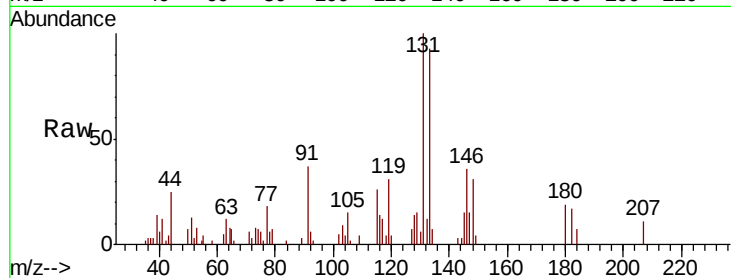




#93
 1,2,4-Trichlorobenzene
 Concen: 0.362 ug/l
 RT: 13.50 min Scan# 3834
 Delta R.T. 0.00 min
 Lab File: VU028398.D
 Acq: 29 Nov 2018 16:57

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion:180 Resp: 1692
 Ion Ratio Lower Upper
 180 100
 182 75.2 48.3 144.9
 145 110.5 15.2 45.5#



#95
 Naphthalene
 Concen: 20.453 ug/l
 RT: 13.74 min Scan# 3909
 Delta R.T. 0.00 min
 Lab File: VU028398.D
 Acq: 29 Nov 2018 16:57

Tgt Ion:128 Resp: 336537
 Ion Ratio Lower Upper
 128 100
 127 12.9 10.6 15.8
 129 10.8 8.6 12.8

