

Data File : VU029839.D
Acq On : 06 Mar 2019 14:42
Operator : JC/SP
Sample : MDL02
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
MDL02

Quant Time: Mar 07 02:00:57 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U030719DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Thu Mar 07 01:34:40 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	5.74	96	60207	1.00	ug/l	0.00

System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.31	95	19580	0.90	ug/l	0.00
Spiked Amount 1.000			Recovery	=	90.00%	
68) 1,2-Dichlorobenzene-d4	11.86	152	22305	0.89	ug/l	0.00
Spiked Amount 1.000			Recovery	=	89.00%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.20	85	5432	0.270 ug/l	97
3) Chloromethane	1.33	50	4899	0.273 ug/l	95
4) Vinyl Chloride	1.40	62	5232	0.259 ug/l	96
5) Bromomethane	1.63	94	3948	0.286 ug/l	96
6) Chloroethane	1.70	64	2887	0.239 ug/l	97
7) Trichlorofluoromethane	1.88	101	7075	0.257 ug/l	89
8) 1,1,2-Trichloro-1,2,2-trif	2.29	101	4214	0.263 ug/l	95
9) 1,1-Dichloroethene	2.28	96	4103	0.262 ug/l	87
10) Iodomethane	2.41	142	3326	0.761 ug/l	97
11) Allyl Chloride	2.59	41	5597	0.254 ug/l	98
12) Acrylonitrile	2.94	53	1994	0.584 ug/l	98
13) Acetone	2.32	43	3875	1.370 ug/l	88
14) Carbon Disulfide	2.47	76	13731	0.271 ug/l	98
15) Methylene Chloride	2.69	84	6188	0.329 ug/l	97
16) trans-1,2-Dichloroethene	2.98	96	4323	0.244 ug/l	96
17) 1,1-Dichloroethane	3.44	63	7568	0.256 ug/l	95
18) 2-Butanone	4.29	43	3531	0.919 ug/l	99
19) Cyclohexane	4.98	56	4751	0.238 ug/l #	88
20) Methylcyclohexane	6.41	83	6031	0.225 ug/l	95
21) 2,2-Dichloropropane	4.22	77	6344	0.262 ug/l #	79
22) cis-1,2-Dichloroethene	4.22	96	4923	0.263 ug/l	94
23) Diethyl Ether	2.10	59	3184	0.271 ug/l	86
24) tert-Butyl Alcohol	2.84	59	4014	3.314 ug/l	98
25) Methyl tert-Butyl Ether	3.00	73	9533	0.242 ug/l	94
26) Bromochloromethane	4.55	128	2146	0.258 ug/l	95
27) Chloroform	4.67	83	7321	0.244 ug/l	97
28) 1,1,1-Trichloroethane	4.91	97	6122	0.241 ug/l #	84
29) 1,1-Dichloropropene	5.13	75	5619	0.249 ug/l	96
30) Carbon Tetrachloride	5.13	117	5257	0.237 ug/l #	95
31) Isopropyl Ether	3.58	45	10159	0.249 ug/l	87
32) Ethyl-t-butyl ether	4.07	59	10131	0.255 ug/l	93
33) Tert-Amyl methyl ether	5.58	73	8372	0.228 ug/l	95
34) Propionitrile	4.34	54	681	0.596 ug/l #	65
35) Benzene	5.39	78	17028	0.256 ug/l	94
36) 1,2-Dichloroethane	5.40	62	4496	0.247 ug/l #	90
37) Trichloroethene	6.19	130	5019	0.258 ug/l	98
38) 1,2-Dichloropropane	6.43	63	4500	0.267 ug/l	91
39) Methacrylonitrile	4.56	41	1199	0.249 ug/l #	68
40) Methyl acrylate	4.44	55	740	0.097 ug/l #	66
41) Tetrahydrofuran	4.65	42	1698	0.675 ug/l #	53
42) 1-Chlorobutane	5.06	56	6291	0.218 ug/l	81

Data File : VU029839.D
Acq On : 06 Mar 2019 14:42
Operator : JC/SP
Sample : MDL02
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
MDL02

Quant Time: Mar 07 02:00:57 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U030719DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Thu Mar 07 01:34:40 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Dibromomethane	6.56	93	1972	0.226	ug/l	97
44) Bromodichloromethane	6.76	83	5162	0.241	ug/l #	89
45) 4-Methyl-2-Pentanone	7.47	43	10887	1.196	ug/l	94
46) t-1,4-Dichloro-2-butene	10.49	75	2436	0.640	ug/l #	61
47) Methyl methacrylate	6.64	69	3025	0.404	ug/l	84
48) Ethyl methacrylate	8.03	69	2953	0.206	ug/l	100
49) Toluene	7.64	92	9078	0.222	ug/l	97
50) t-1,3-Dichloropropene	7.89	75	3921	0.209	ug/l	96
51) cis-1,3-Dichloropropene	7.27	75	5502	0.237	ug/l	94
52) 1,1,2-Trichloroethane	8.07	97	2982	0.231	ug/l	91
53) 1,3-Dichloropropane	8.24	76	5118	0.242	ug/l	98
54) 2-Hexanone	8.38	43	6925	1.095	ug/l	92
55) Dibromochloromethane	8.48	129	3288	0.214	ug/l	96
56) 1,2-Dibromoethane	8.59	107	2723	0.222	ug/l	95
58) Tetrachloroethene	8.22	164	5139	0.259	ug/l	92
59) Chlorobenzene	9.12	112	11041	0.235	ug/l	100
60) 1,1,1,2-Tetrachloroethane	9.21	131	3823	0.227	ug/l	97
61) Pentachloroethane	11.10	117	2672	0.228	ug/l	91
62) Hexachloroethane	12.14	117	2537	0.206	ug/l	89
63) Ethyl Benzene	9.25	91	16667	0.217	ug/l	95
64) m/p-Xylenes	9.37	106	12712	0.418	ug/l	98
65) o-Xylene	9.78	106	6446	0.221	ug/l	97
66) Styrene	9.79	104	9452	0.195	ug/l	99
67) Bromoform	9.96	173	1922	0.213	ug/l #	95
69) Isopropylbenzene	10.17	105	17009	0.220	ug/l	94
70) 1,1,2,2-Tetrachloroethane	10.46	83	3772	0.239	ug/l #	95
71) 1,2,3-Trichloropropane	10.49	75	2436	0.208	ug/l #	94
72) Bromobenzene	10.45	156	4896	0.239	ug/l	93
73) n-propylbenzene	10.59	120	4171	0.192	ug/l	89
74) 2-Chlorotoluene	10.66	126	4313	0.223	ug/l	93
75) 1,3,5-Trimethylbenzene	10.77	105	13242	0.203	ug/l	94
76) 4-Chlorotoluene	10.78	126	4238	0.215	ug/l	98
77) tert-Butylbenzene	11.10	119	13352	0.207	ug/l	94
78) 1,2,4-Trimethylbenzene	11.15	105	13797	0.209	ug/l	94
79) sec-Butylbenzene	11.32	105	17926	0.210	ug/l	99
80) Nitrobenzene	12.65	77	94	0.329	ug/l #	39
81) p-Isopropyltoluene	11.48	119	14070	0.196	ug/l	99
82) 1,3-Dichlorobenzene	11.42	146	9066	0.223	ug/l	99
83) 1,4-Dichlorobenzene	11.51	146	9373	0.236	ug/l	95
84) n-Butylbenzene	11.89	91	11450	0.175	ug/l	96
85) 1,2-Dichlorobenzene	11.88	146	8818	0.230	ug/l	97
86) 1,2-Dibromo-3-Chloropropan	12.66	75	319	0.142	ug/l #	48
87) 1,2,4-Trichlorobenzene	13.51	180	3830	0.156	ug/l	91
88) Hexachlorobutadiene	13.69	225	3198	0.207	ug/l	92
89) Naphthalene	13.75	128	4575	0.550	ug/l #	86
90) 1,2,3-Trichlorobenzene	14.06	180	289	0.013	ug/l	85

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

Data File : VU029839.D

Acq On : 06 Mar 2019 14:42

Operator : JC/SP

Sample : MDL02

Misc : 25.0mL/MSVOA U/WATER

```
ALS Vial      : 11      Sample Multiplier: 1
```

Instrument :
MSVOA_U
ClientSampleId :
MDL02

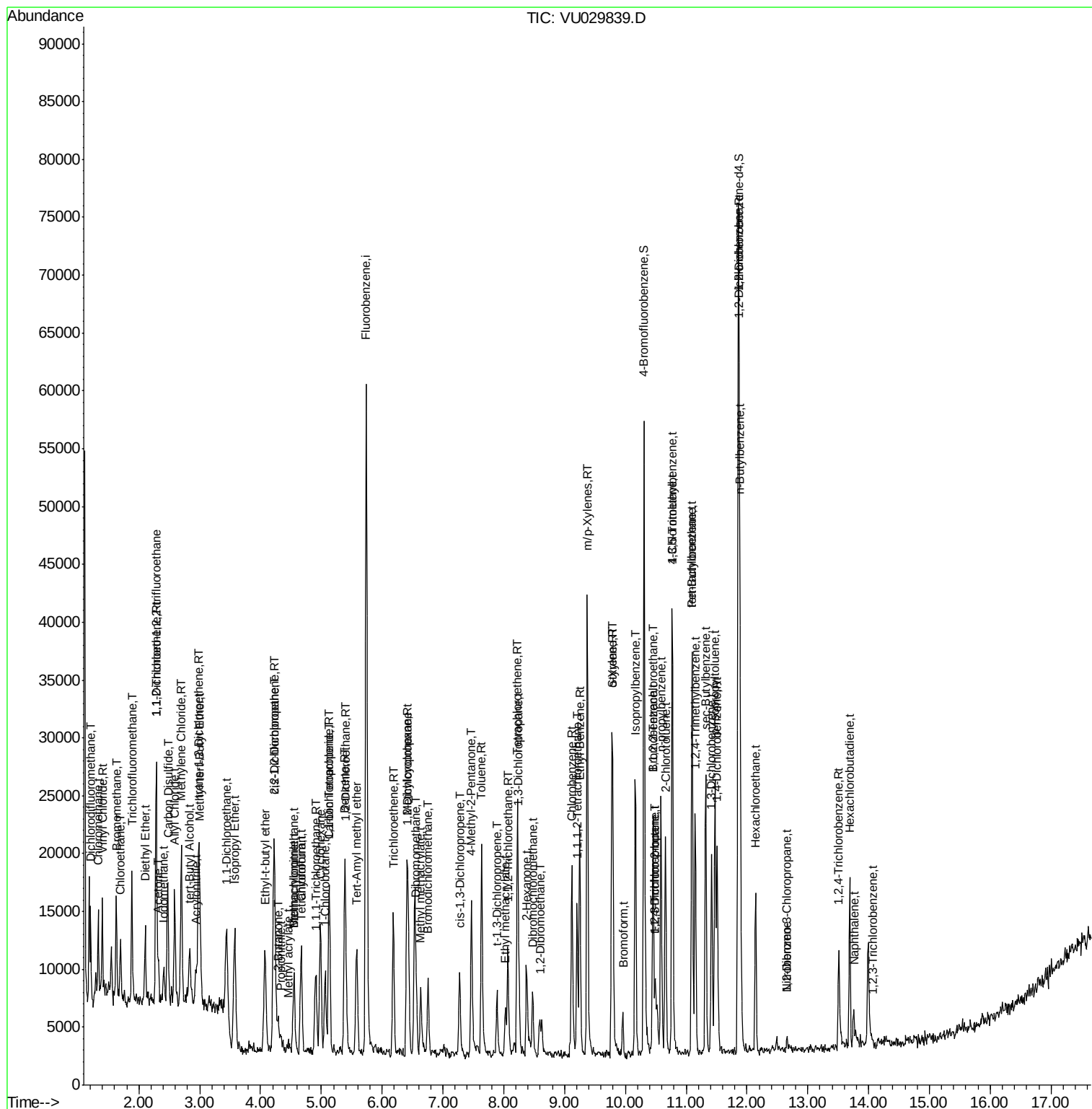
Quant Time: Mar 07 02:00:57 2019

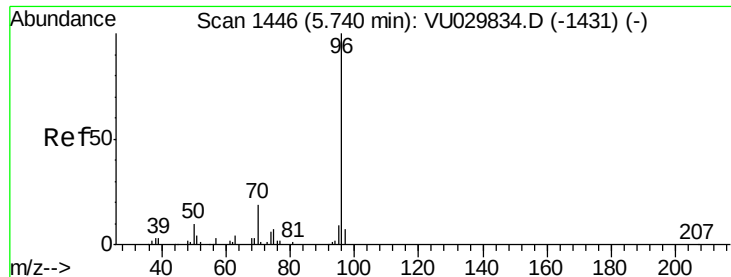
Quant Method : Z:\V0ASRV\HPCHEM1\MSV0A_U\METHOD\524U030719DW.M

Quant Title : METHOD 524.2 VOLATILES DRINKING WATER

QLast Update : Thu Mar 07 01:34:40 2019

Response via : Initial Calibration





#1

Fluorobenzene

Concen: 1.000 ug/l

RT: 5.74 min Scan# 1446

Delta R.T. -0.00 min

Lab File: VU029839.D

Acq: 06 Mar 2019 14:42

Instrument :

MSVOA_U

ClientSampleId :

MDL02

Tgt Ion: 96 Resp: 60207

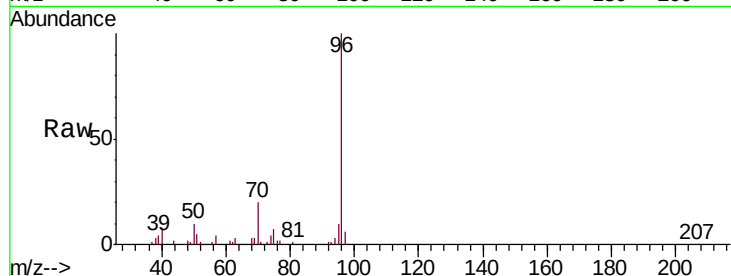
Ion Ratio Lower Upper

96 100

70 18.2 14.4 21.6

95 7.8 7.0 10.6

97 6.3 0.0 0.0#

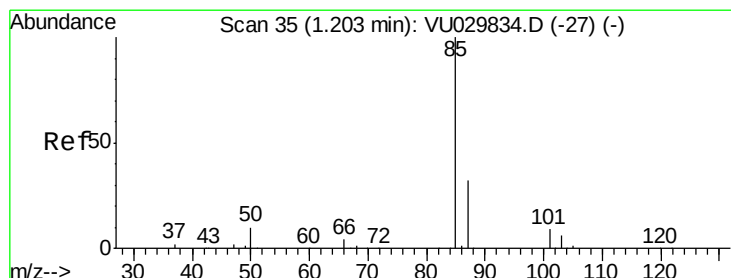
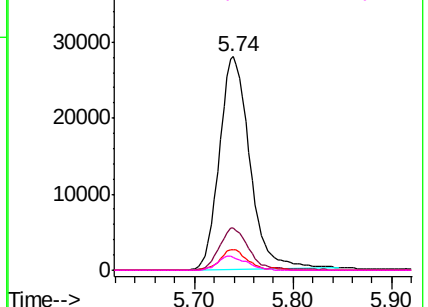
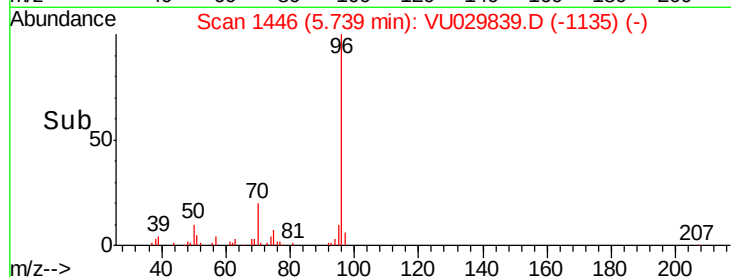


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 70.00 (69.70 to 70.70): VU0

Ion 95.00 (94.70 to 95.70): VU0

Ion 97.00 (96.70 to 97.70): VU0



#2

Dichlorodifluoromethane

Concen: 0.270 ug/l

RT: 1.20 min Scan# 35

Delta R.T. -0.00 min

Lab File: VU029839.D

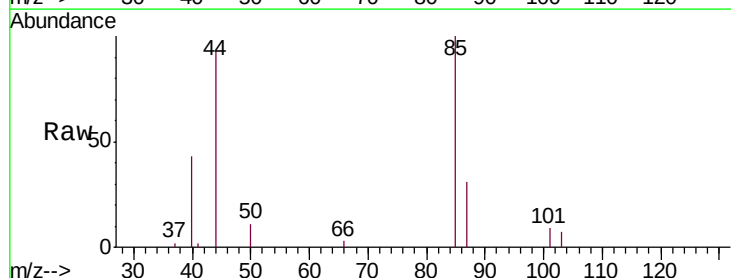
Acq: 06 Mar 2019 14:42

Tgt Ion: 85 Resp: 5432

Ion Ratio Lower Upper

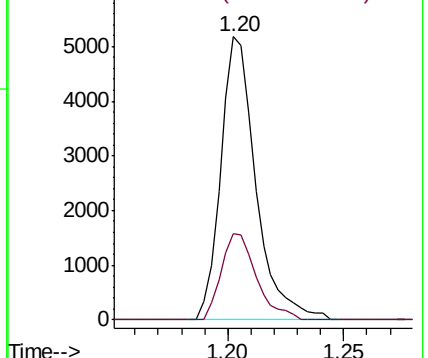
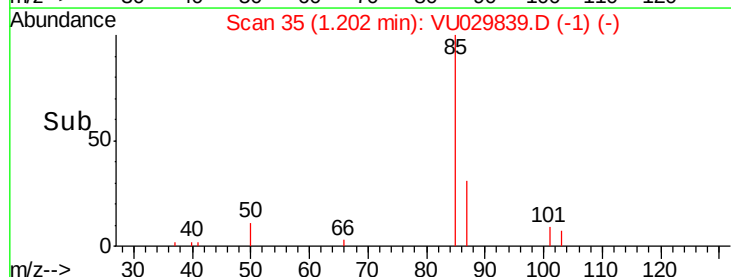
85 100

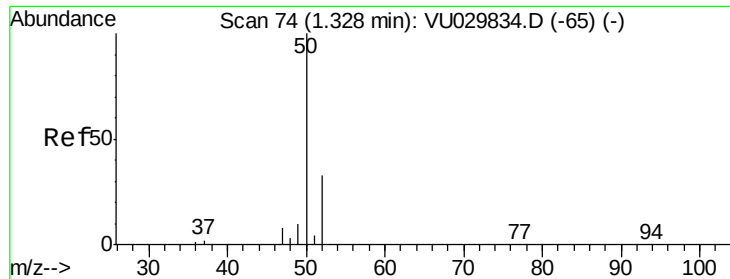
87 30.5 16.2 48.6



Abundance Ion 85.00 (84.70 to 85.70): VU0

Ion 87.00 (86.70 to 87.70): VU0





#3

Chloromethane

Concen: 0.273 ug/l

RT: 1.33 min Scan# 74

Delta R.T. -0.00 min

Lab File: VU029839.D

Acq: 06 Mar 2019 14:42

Instrument :

MSVOA_U

ClientSampleId :

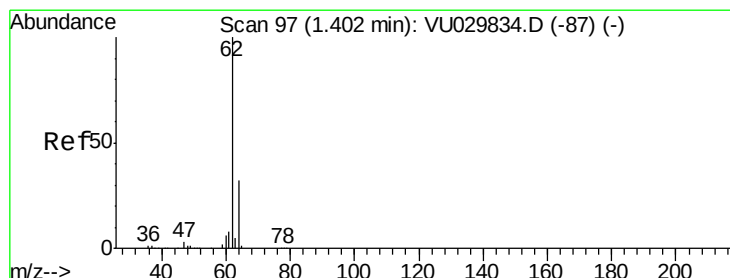
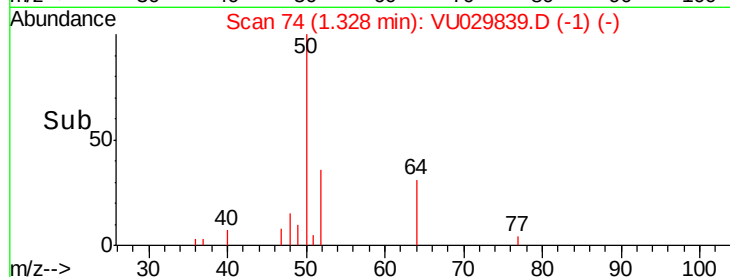
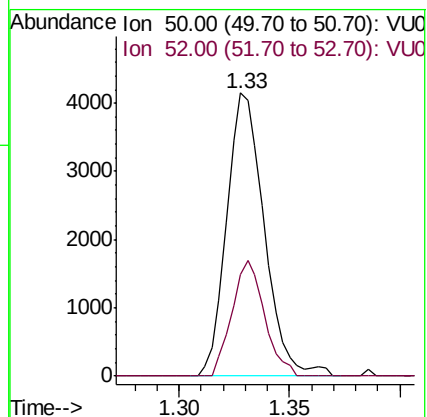
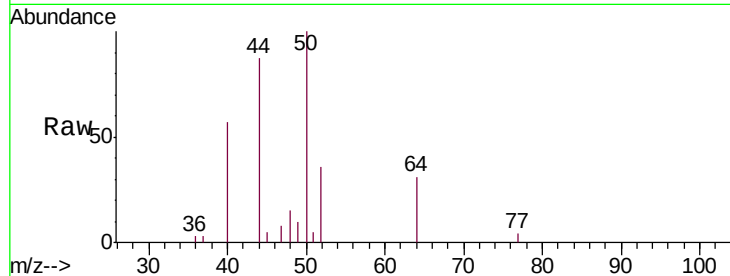
MDL02

Tgt Ion: 50 Resp: 4899

Ion Ratio Lower Upper

50 100

52 36.0 26.5 39.7



#4

Vinyl Chloride

Concen: 0.259 ug/l

RT: 1.40 min Scan# 97

Delta R.T. -0.00 min

Lab File: VU029839.D

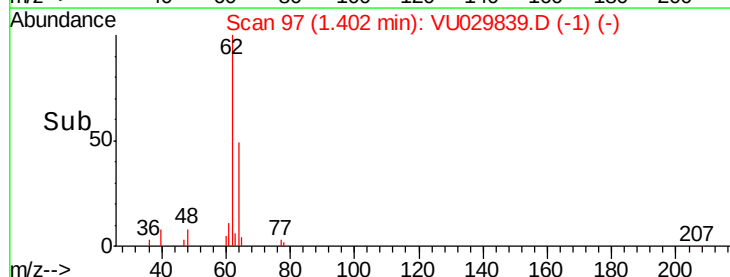
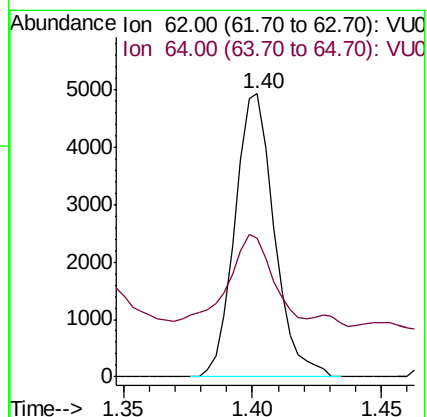
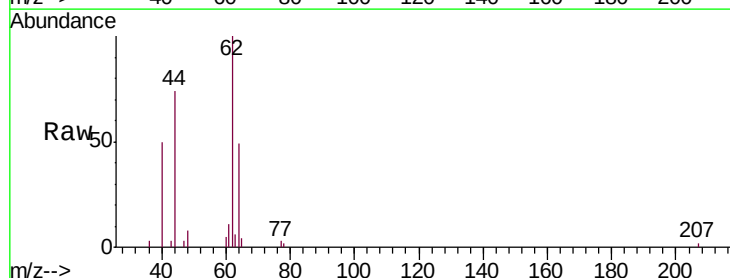
Acq: 06 Mar 2019 14:42

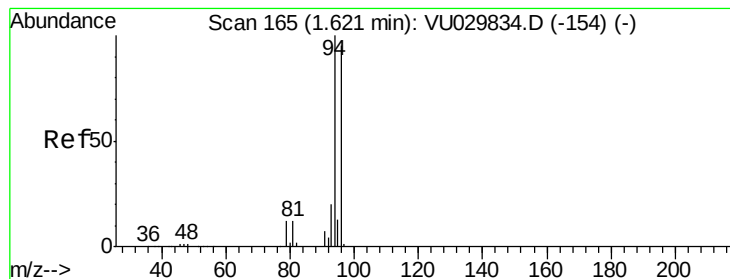
Tgt Ion: 62 Resp: 5232

Ion Ratio Lower Upper

62 100

64 29.7 25.7 38.5





#5

Bromomethane

Concen: 0.286 ug/l

RT: 1.63 min Scan# 167

Delta R.T. 0.01 min

Lab File: VU029839.D

Acq: 06 Mar 2019 14:42

Instrument :

MSVOA_U

ClientSampleId :

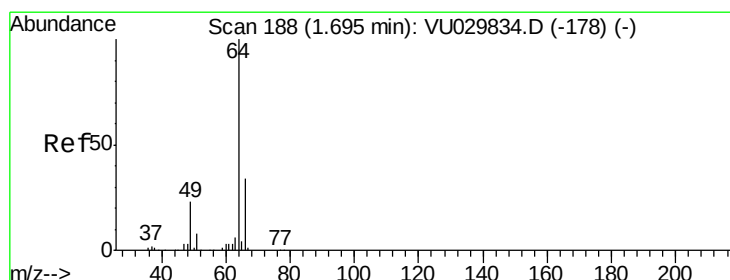
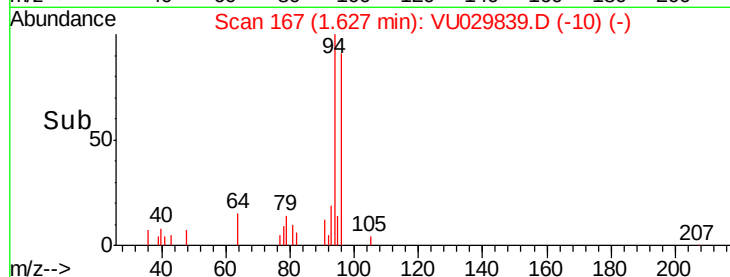
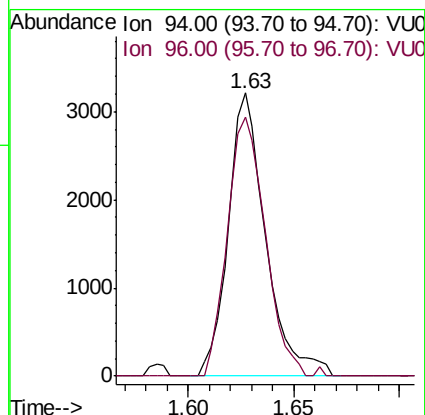
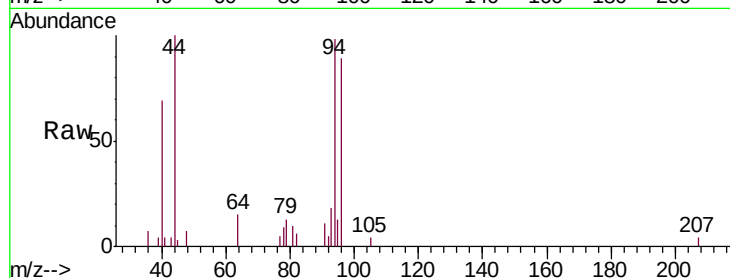
MDL02

Tgt Ion: 94 Resp: 3948

Ion Ratio Lower Upper

94 100

96 91.4 76.4 114.6



#6

Chloroethane

Concen: 0.239 ug/l

RT: 1.70 min Scan# 189

Delta R.T. 0.00 min

Lab File: VU029839.D

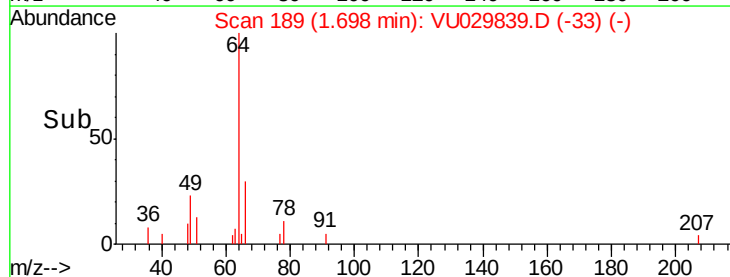
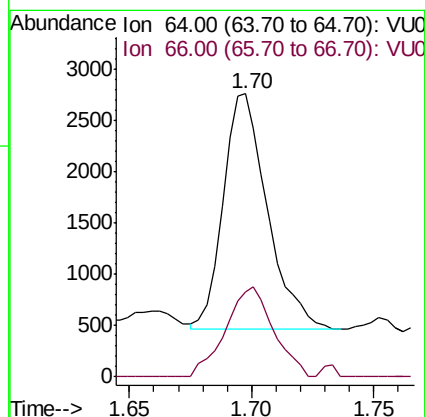
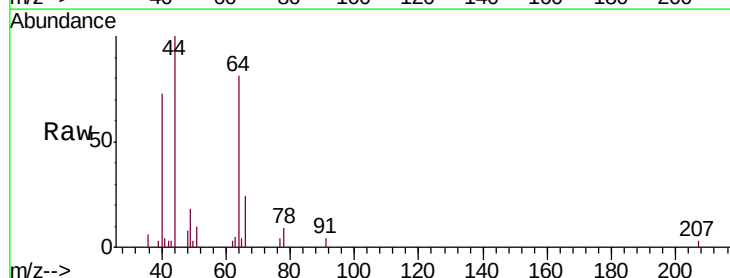
Acq: 06 Mar 2019 14:42

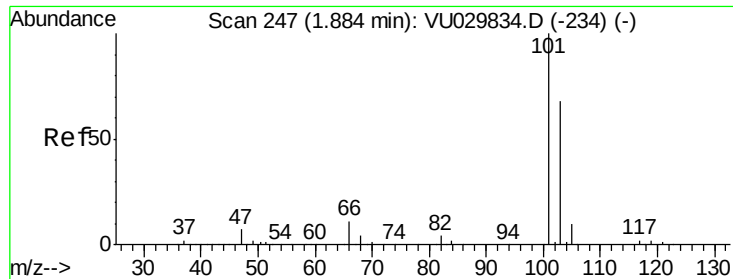
Tgt Ion: 64 Resp: 2887

Ion Ratio Lower Upper

64 100

66 36.0 27.3 40.9



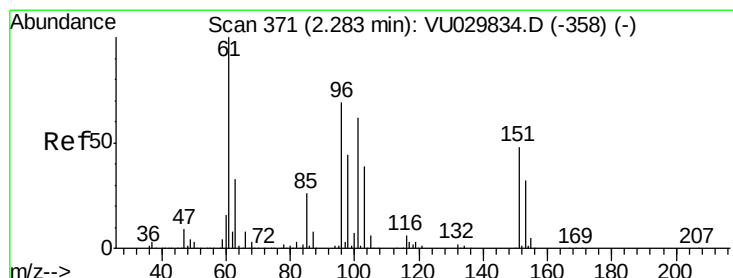
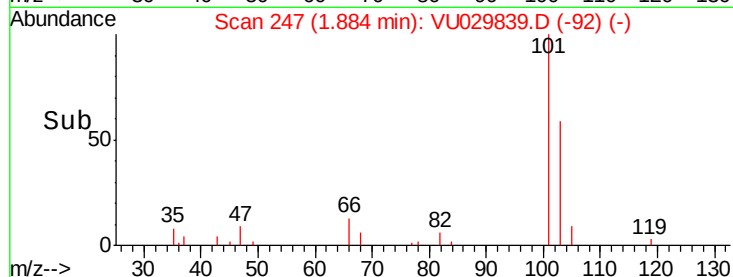
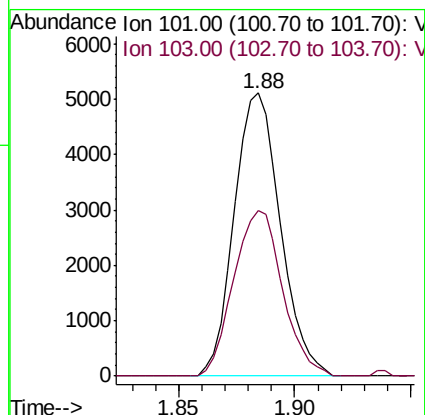
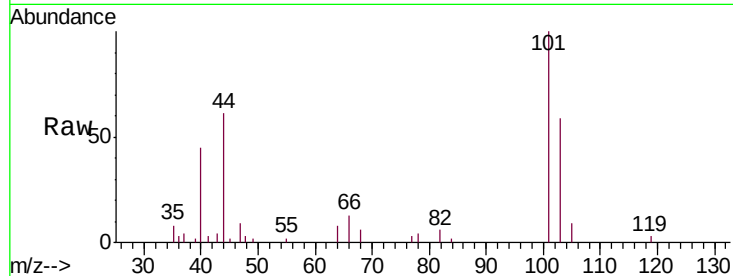


#7

Trichlorofluoromethane
 Concen: 0.257 ug/l
 RT: 1.88 min Scan# 247
 Delta R.T. -0.00 min
 Lab File: VU029839.D
 Acq: 06 Mar 2019 14:42

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL02

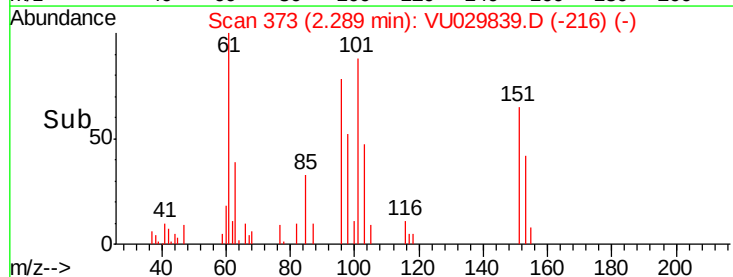
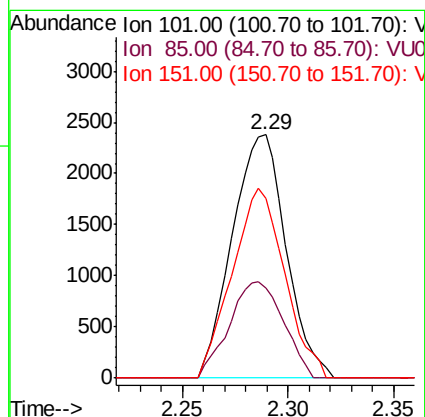
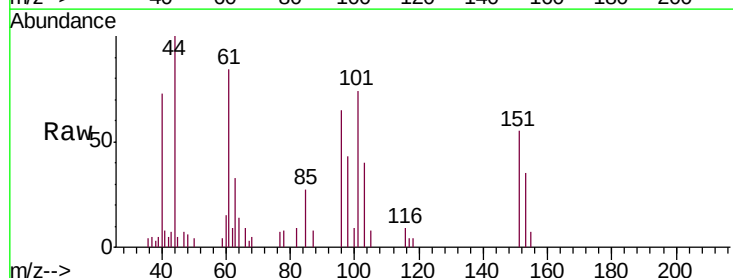
Tgt Ion:101 Resp: 7075
 Ion Ratio Lower Upper
 101 100
 103 58.7 54.2 81.2

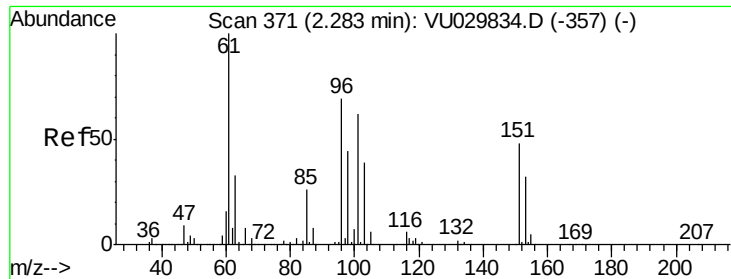


#8

1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.263 ug/l
 RT: 2.29 min Scan# 373
 Delta R.T. 0.01 min
 Lab File: VU029839.D
 Acq: 06 Mar 2019 14:42

Tgt Ion:101 Resp: 4214
 Ion Ratio Lower Upper
 101 100
 85 39.7 33.4 50.0
 151 75.9 64.6 97.0





#9

1,1-Dichloroethene

Concen: 0.262 ug/l

RT: 2.28 min Scan# 370

Delta R.T. -0.00 min

Lab File: VU029839.D

Acq: 06 Mar 2019 14:42

Instrument :

MSVOA_U

ClientSampled :

MDL02

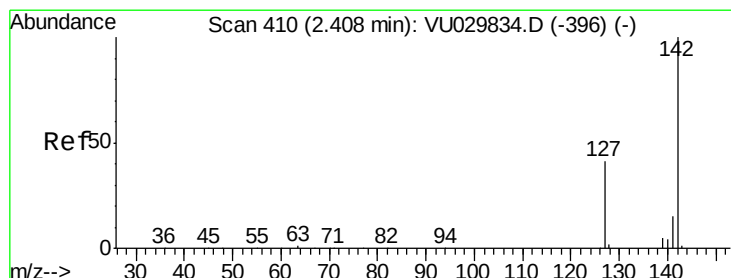
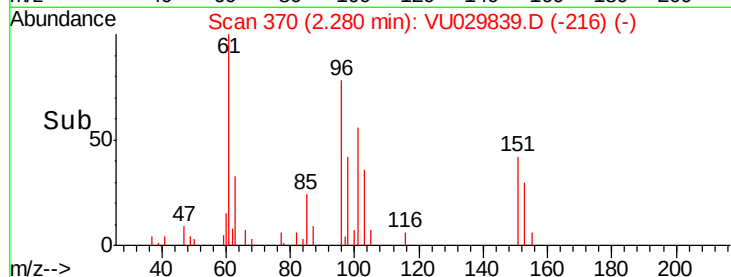
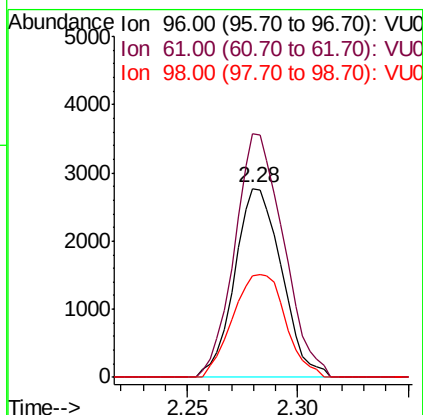
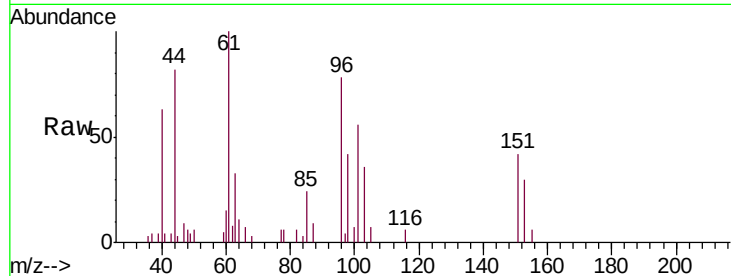
Tgt Ion: 96 Resp: 4103

Ion Ratio Lower Upper

96 100

61 129.0 0.0 435.3

98 54.0 0.0 128.6



#10

Iodomethane

Concen: 0.761 ug/l

RT: 2.41 min Scan# 410

Delta R.T. 0.00 min

Lab File: VU029839.D

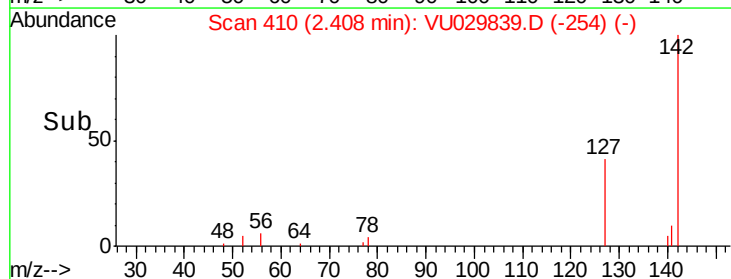
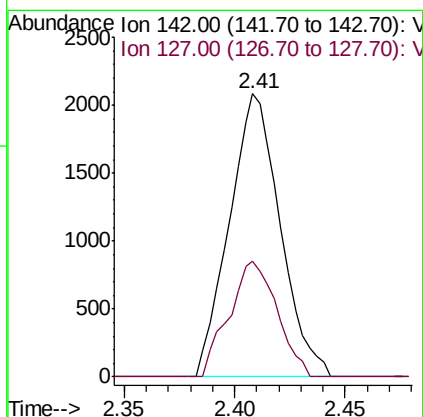
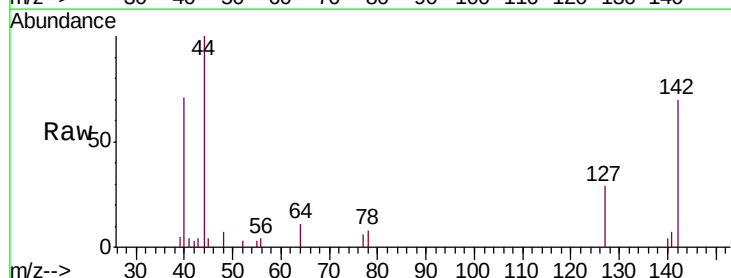
Acq: 06 Mar 2019 14:42

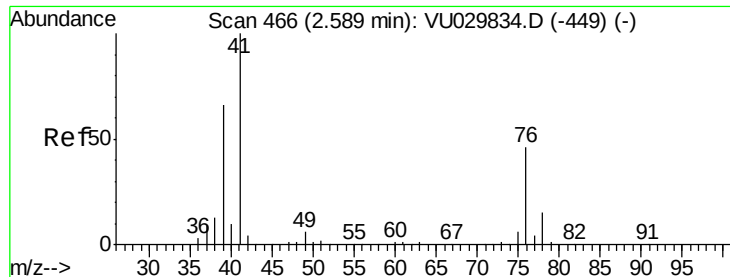
Tgt Ion: 142 Resp: 3326

Ion Ratio Lower Upper

142 100

127 38.7 32.3 48.5

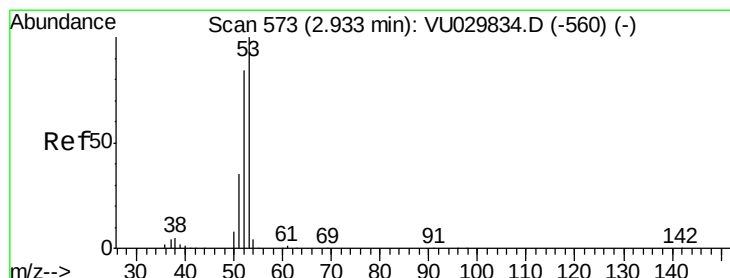
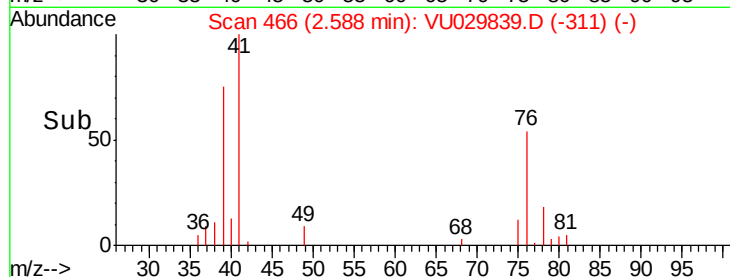
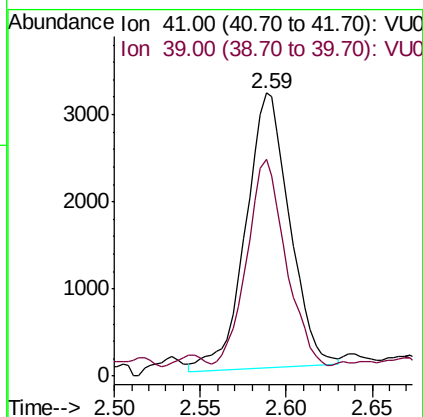
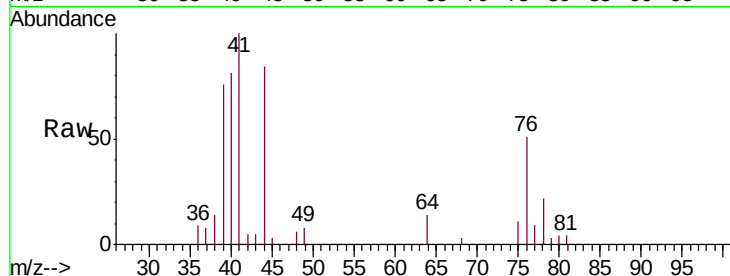




#11
 Allyl Chloride
 Concen: 0.254 ug/l
 RT: 2.59 min Scan# 466
 Delta R.T. -0.00 min
 Lab File: VU029839.D
 Acq: 06 Mar 2019 14:42

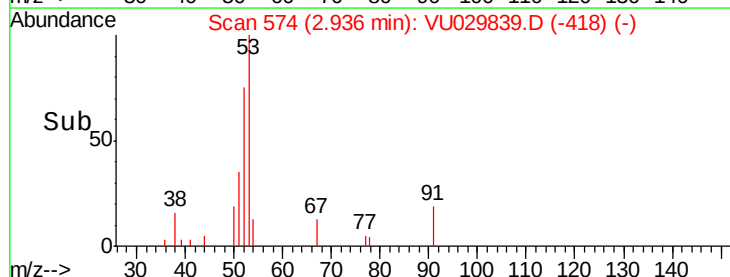
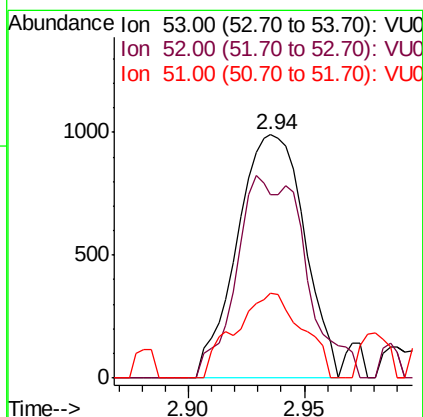
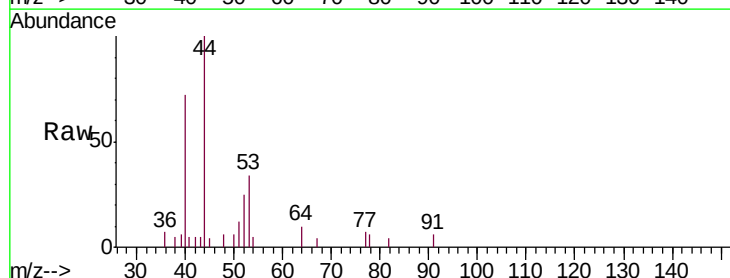
Instrument :
 MSVOA_U
 ClientSampled :
 MDL02

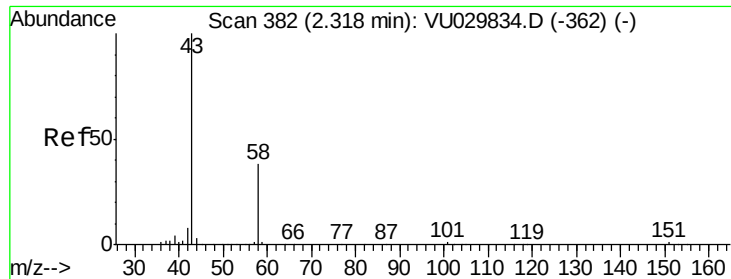
Tgt Ion: 41 Resp: 5597
 Ion Ratio Lower Upper
 41 100
 39 66.1 51.6 77.4



#12
 Acrylonitrile
 Concen: 0.584 ug/l
 RT: 2.94 min Scan# 574
 Delta R.T. 0.00 min
 Lab File: VU029839.D
 Acq: 06 Mar 2019 14:42

Tgt Ion: 53 Resp: 1994
 Ion Ratio Lower Upper
 53 100
 52 85.4 66.5 99.7
 51 35.1 28.6 42.8





#13

Acetone

Concen: 1.370 ug/l

RT: 2.32 min Scan# 383

Delta R.T. 0.00 min

Lab File: VU029839.D

Acq: 06 Mar 2019 14:42

Instrument :

MSVOA_U

ClientSampled :

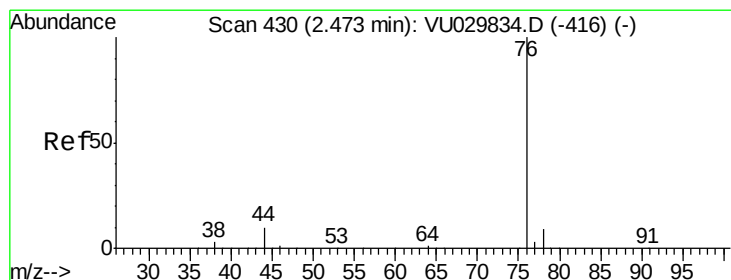
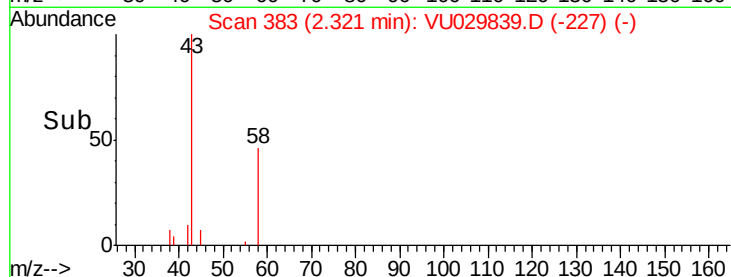
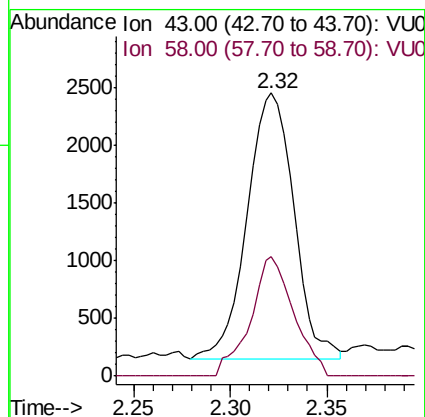
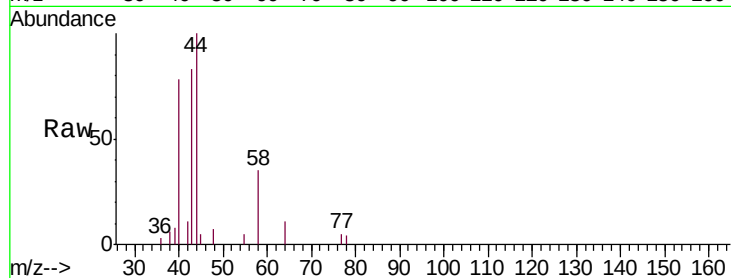
MDL02

Tgt Ion: 43 Resp: 3875

Ion Ratio Lower Upper

43 100

58 45.1 30.2 45.2



#14

Carbon Disulfide

Concen: 0.271 ug/l

RT: 2.47 min Scan# 430

Delta R.T. -0.00 min

Lab File: VU029839.D

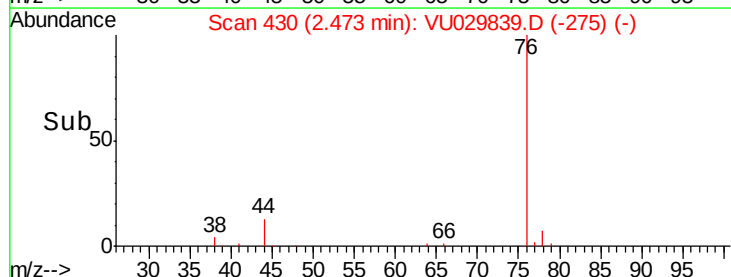
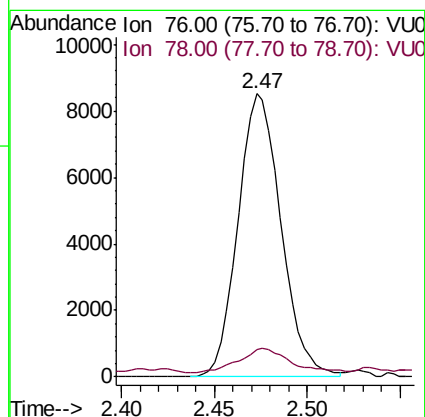
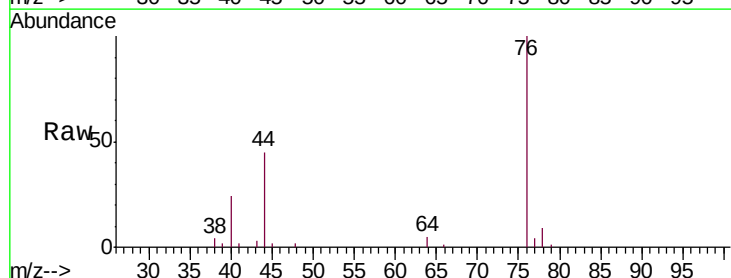
Acq: 06 Mar 2019 14:42

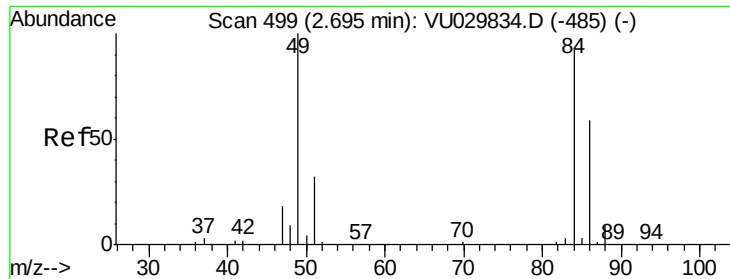
Tgt Ion: 76 Resp: 13731

Ion Ratio Lower Upper

76 100

78 8.1 7.2 10.8

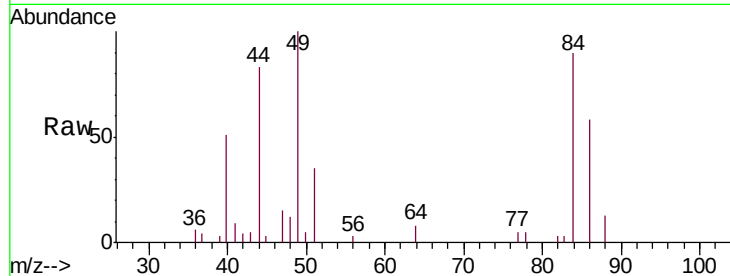




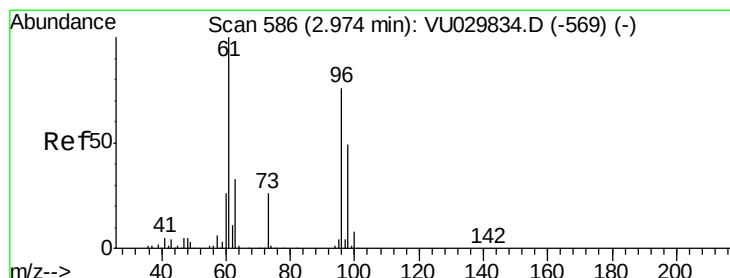
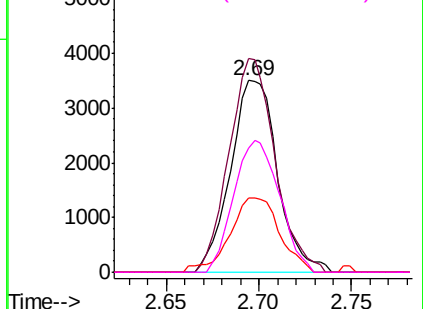
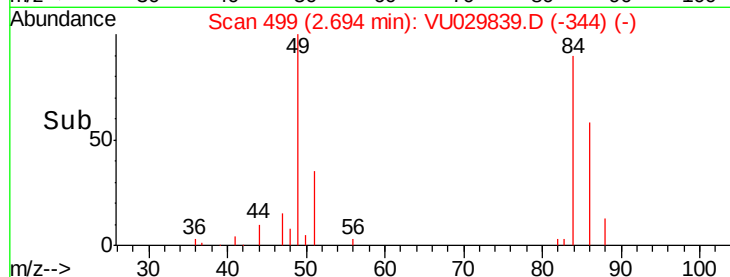
#15
Methylene Chloride
Concen: 0.329 ug/l
RT: 2.69 min Scan# 499
Delta R.T. -0.00 min
Lab File: VU029839.D
Acq: 06 Mar 2019 14:42

Instrument :
MSVOA_U
ClientSampleId :
MDL02

Tgt Ion: 84 Resp: 6188
Ion Ratio Lower Upper
84 100
49 111.4 87.2 130.8
51 38.7 0.0 69.0
86 64.8 51.3 76.9

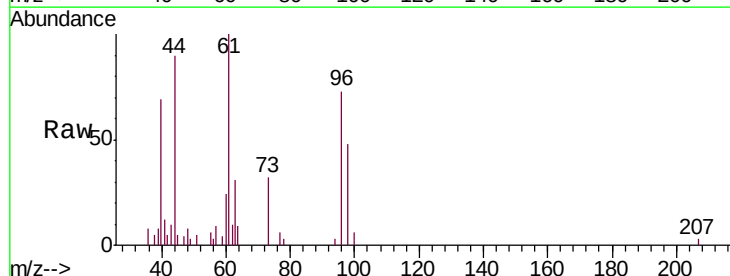


Abundance Ion 84.00 (83.70 to 84.70): VU0
Ion 49.00 (48.70 to 49.70): VU0
Ion 51.00 (50.70 to 51.70): VU0
Ion 86.00 (85.70 to 86.70): VU0

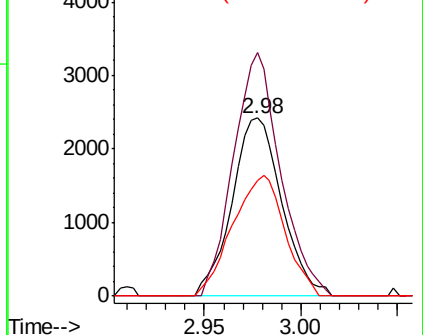
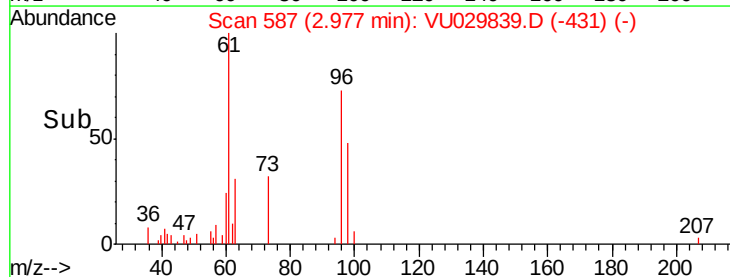


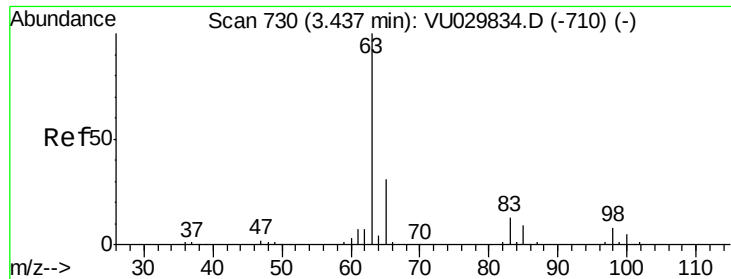
#16
trans-1,2-Dichloroethene
Concen: 0.244 ug/l
RT: 2.98 min Scan# 587
Delta R.T. 0.00 min
Lab File: VU029839.D
Acq: 06 Mar 2019 14:42

Tgt Ion: 96 Resp: 4323
Ion Ratio Lower Upper
96 100
61 136.6 104.7 157.1
98 65.0 50.9 76.3



Abundance Ion 96.00 (95.70 to 96.70): VU0
Ion 61.00 (60.70 to 61.70): VU0
Ion 98.00 (97.70 to 98.70): VU0

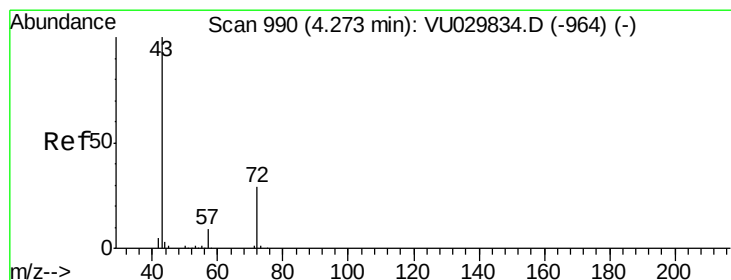
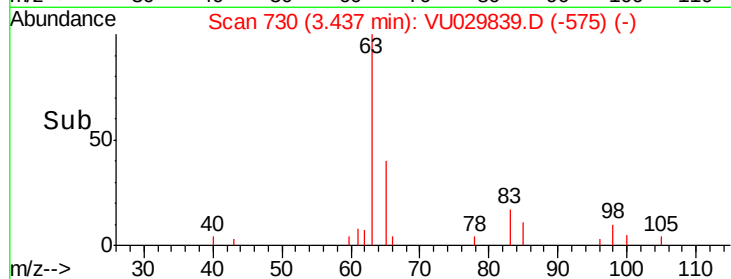
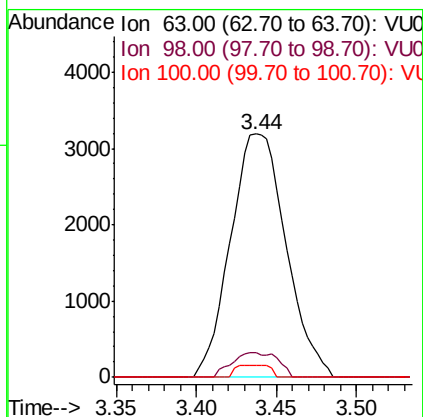
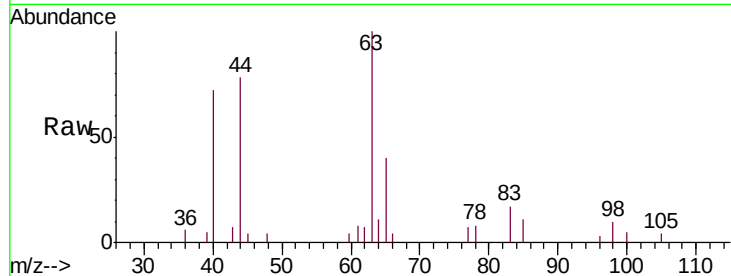




#17
 1,1-Dichloroethane
 Concen: 0.256 ug/l
 RT: 3.44 min Scan# 730
 Delta R.T. -0.00 min
 Lab File: VU029839.D
 Acq: 06 Mar 2019 14:42

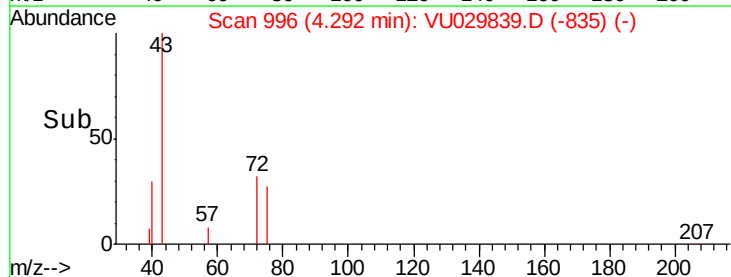
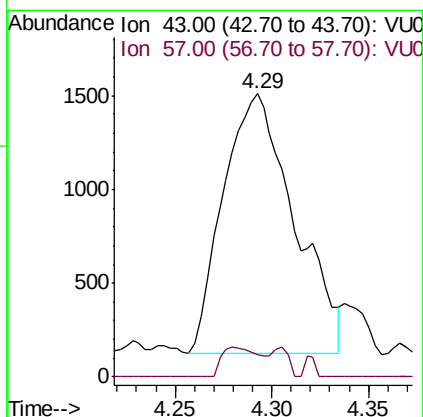
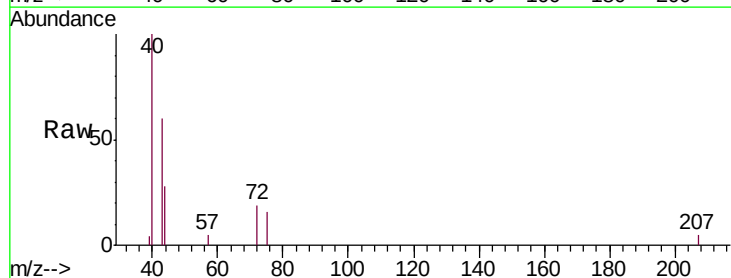
Instrument :
 MSVOA_U
 ClientSampleId :
 MDL02

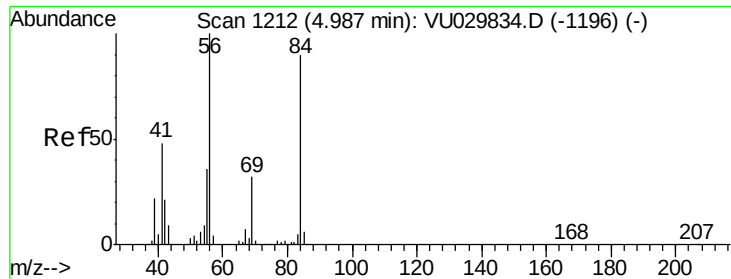
Tgt Ion: 63 Resp: 7568
 Ion Ratio Lower Upper
 63 100
 98 10.0 3.8 11.4
 100 5.0 2.4 7.1



#18
 2-Butanone
 Concen: 0.919 ug/l
 RT: 4.29 min Scan# 996
 Delta R.T. 0.02 min
 Lab File: VU029839.D
 Acq: 06 Mar 2019 14:42

Tgt Ion: 43 Resp: 3531
 Ion Ratio Lower Upper
 43 100
 57 8.8 0.0 18.6

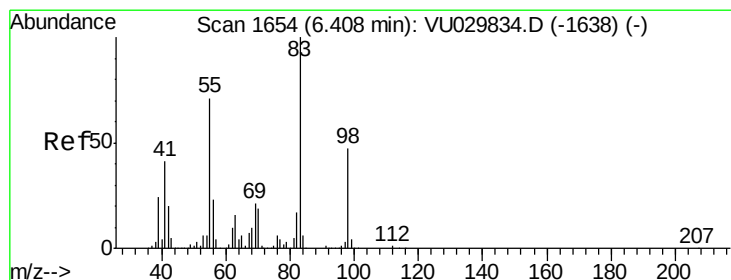
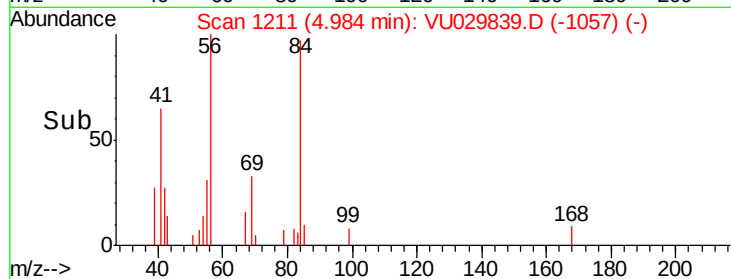
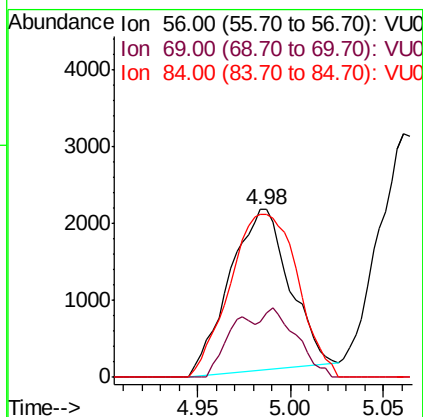
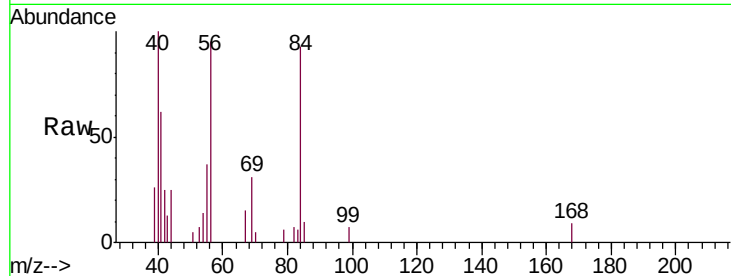




#19
Cyclohexane
Concen: 0.238 ug/l
RT: 4.98 min Scan# 1211
Delta R.T. -0.00 min
Lab File: VU029839.D
Acq: 06 Mar 2019 14:42

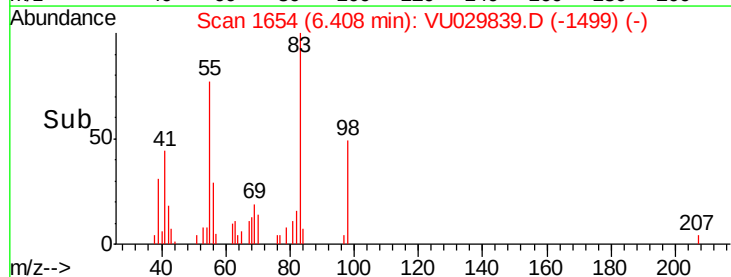
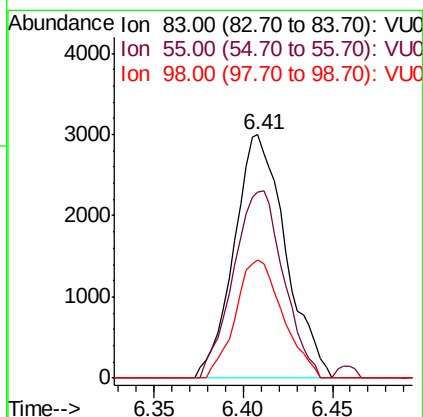
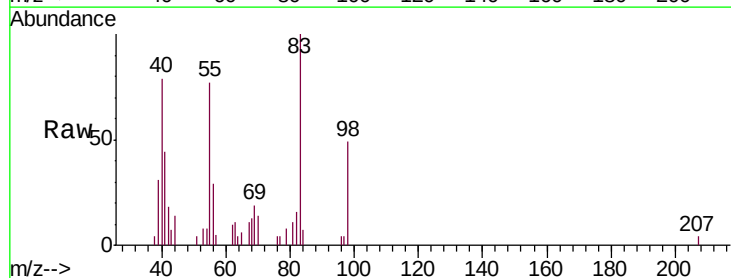
Instrument :
MSVOA_U
ClientSampleId :
MDL02

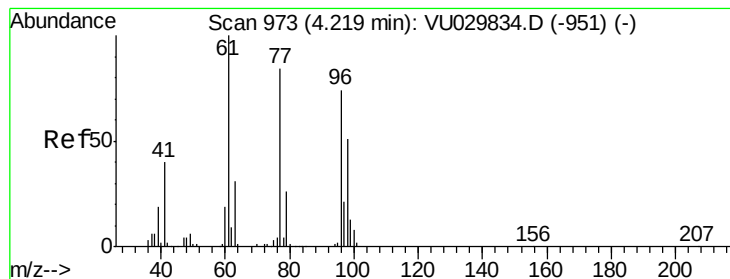
Tgt Ion: 56 Resp: 4751
Ion Ratio Lower Upper
56 100
69 22.8 29.4 44.2#
84 114.0 84.6 127.0



#20
Methylcyclohexane
Concen: 0.225 ug/l
RT: 6.41 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VU029839.D
Acq: 06 Mar 2019 14:42

Tgt Ion: 83 Resp: 6031
Ion Ratio Lower Upper
83 100
55 75.3 55.9 83.9
98 44.6 37.0 55.4





#21

2,2-Dichloropropane

Concen: 0.262 ug/l

RT: 4.22 min Scan# 974

Delta R.T. 0.00 min

Lab File: VU029839.D

Acq: 06 Mar 2019 14:42

Instrument :

MSVOA_U

ClientSampled :

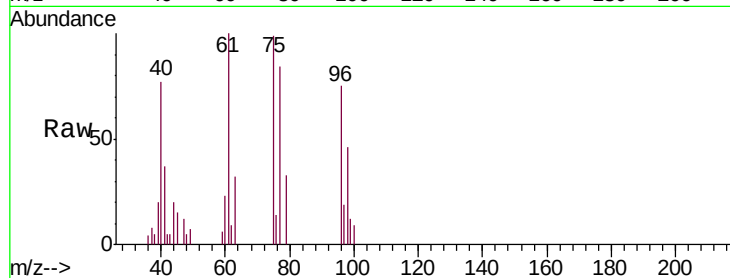
MDL02

Tgt Ion: 77 Resp: 6344

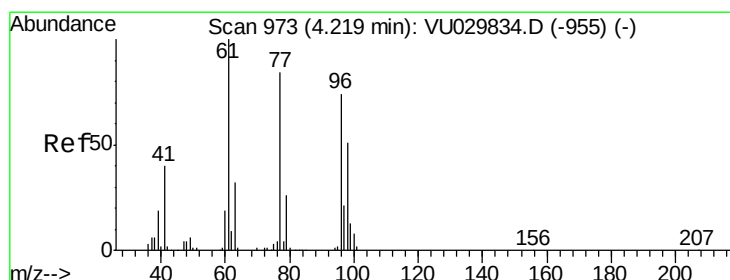
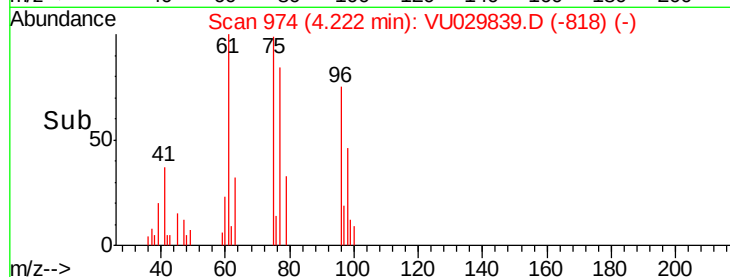
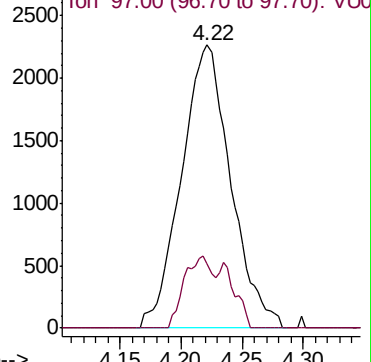
Ion Ratio Lower Upper

77 100

97 14.8 20.2 30.2#



Abundance Ion 77.00 (76.70 to 77.70): VU029839.D (-818) (-)



#22

cis-1,2-Dichloroethene

Concen: 0.263 ug/l

RT: 4.22 min Scan# 974

Delta R.T. 0.00 min

Lab File: VU029839.D

Acq: 06 Mar 2019 14:42

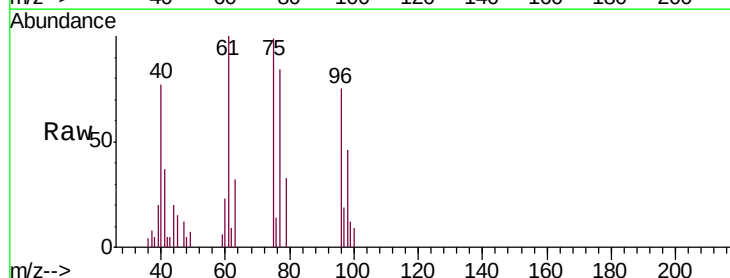
Tgt Ion: 96 Resp: 4923

Ion Ratio Lower Upper

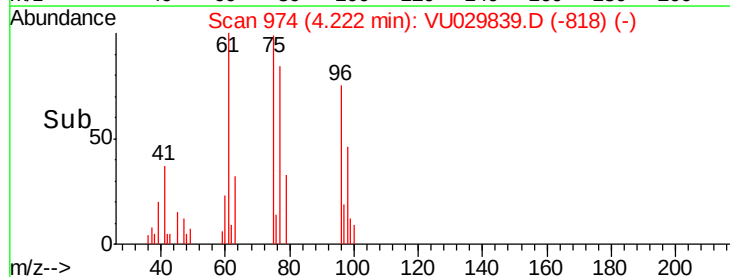
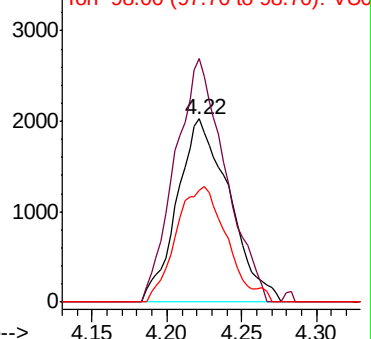
96 100

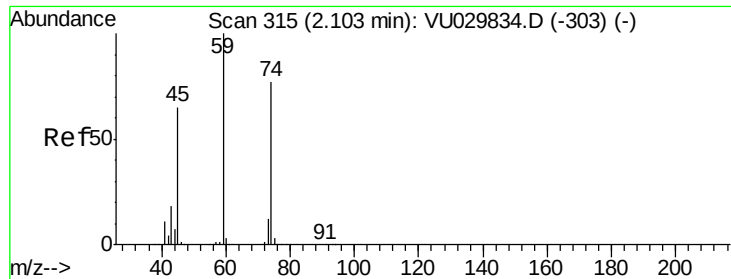
61 128.2 0.0 339.0

98 61.5 33.1 99.5



Abundance Ion 96.00 (95.70 to 96.70): VU029839.D (-818) (-)

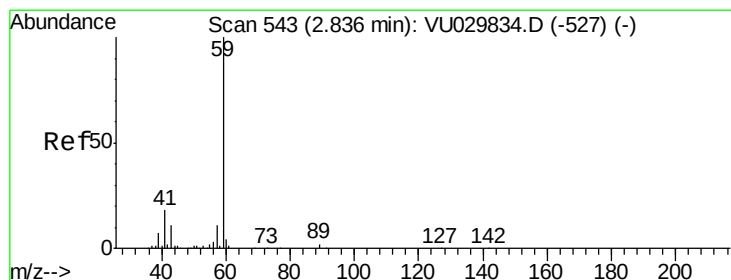
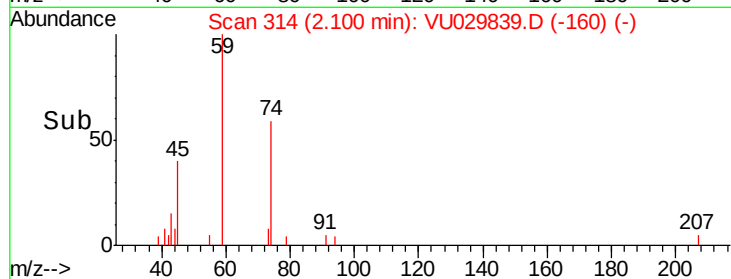
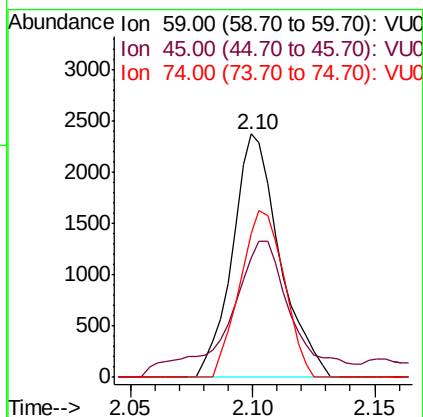
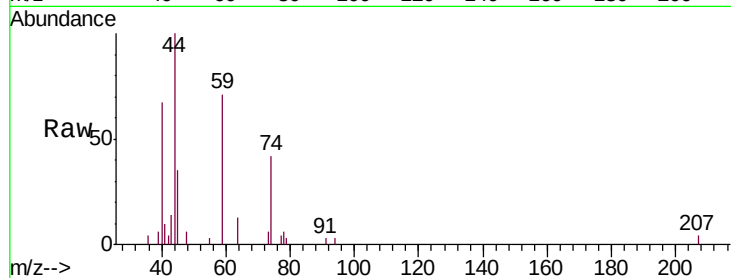




#23
Diethyl Ether
Concen: 0.271 ug/l
RT: 2.10 min Scan# 314
Delta R.T. -0.00 min
Lab File: VU029839.D
Acq: 06 Mar 2019 14:42

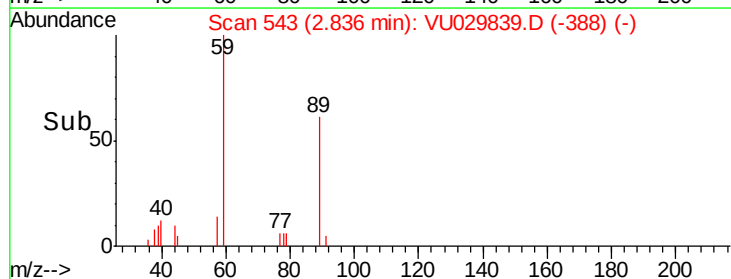
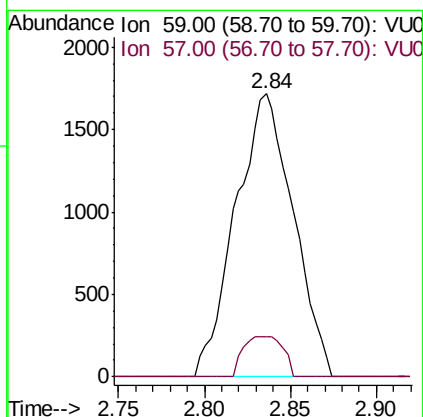
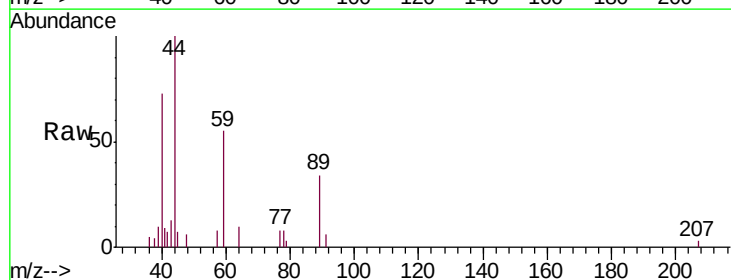
Instrument :
MSVOA_U
ClientSampleId :
MDL02

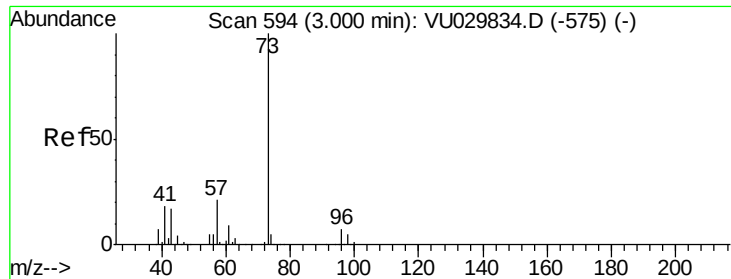
Tgt Ion: 59 Resp: 3184
Ion Ratio Lower Upper
59 100
45 75.1 52.7 79.1
74 63.9 61.8 92.6



#24
tert-Butyl Alcohol
Concen: 3.314 ug/l
RT: 2.84 min Scan# 543
Delta R.T. -0.00 min
Lab File: VU029839.D
Acq: 06 Mar 2019 14:42

Tgt Ion: 59 Resp: 4014
Ion Ratio Lower Upper
59 100
57 9.7 8.5 12.7





#25

Methyl tert-Butyl Ether

Concen: 0.242 ug/l

RT: 3.00 min Scan# 595

Delta R.T. 0.00 min

Lab File: VU029839.D

Acq: 06 Mar 2019 14:42

Instrument :

MSVOA_U

ClientSampleId :

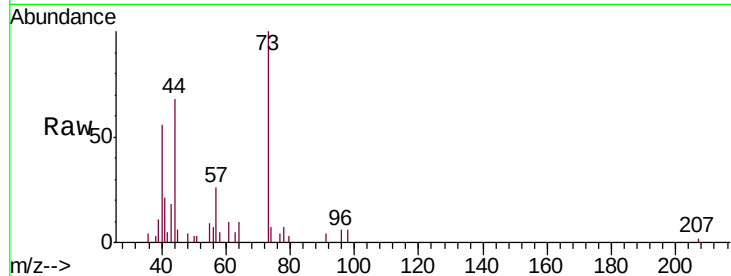
MDL02

Tgt Ion: 73 Resp: 9533

Ion Ratio Lower Upper

73 100

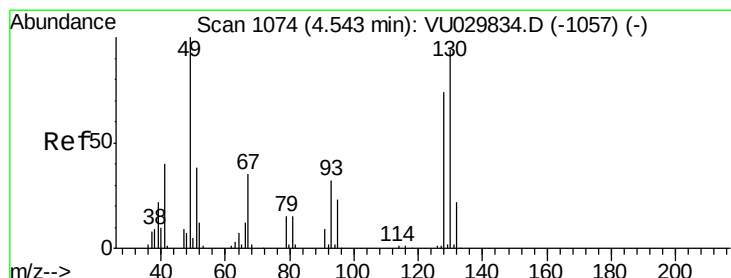
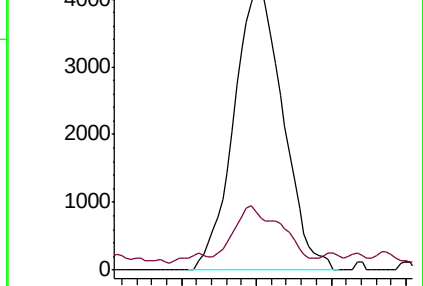
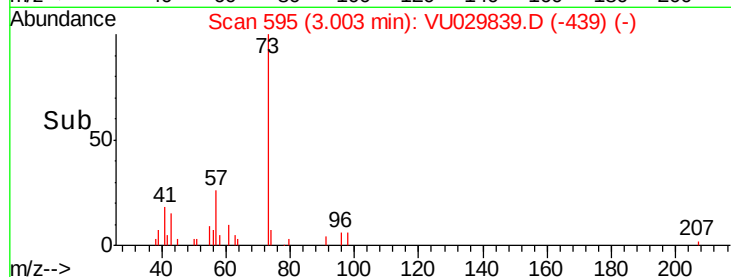
43 18.9 13.1 19.7



Abundance Ion 73.00 (72.70 to 73.70): VU029834.D (-575) (-)

Ion 43.00 (42.70 to 43.70): VU029834.D (-575) (-)

Time-->



#26

Bromochloromethane

Concen: 0.258 ug/l

RT: 4.55 min Scan# 1076

Delta R.T. 0.01 min

Lab File: VU029839.D

Acq: 06 Mar 2019 14:42

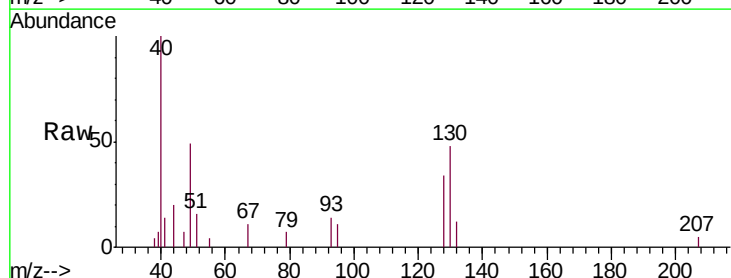
Tgt Ion: 128 Resp: 2146

Ion Ratio Lower Upper

128 100

49 132.4 0.0 270.6

130 120.5 104.2 156.4

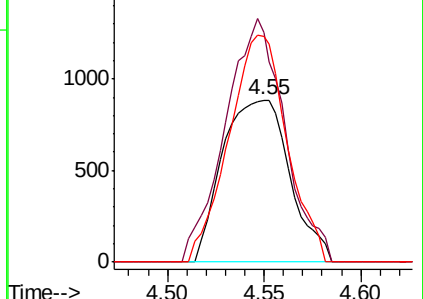
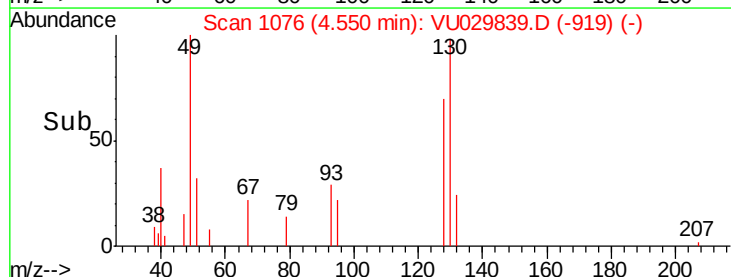


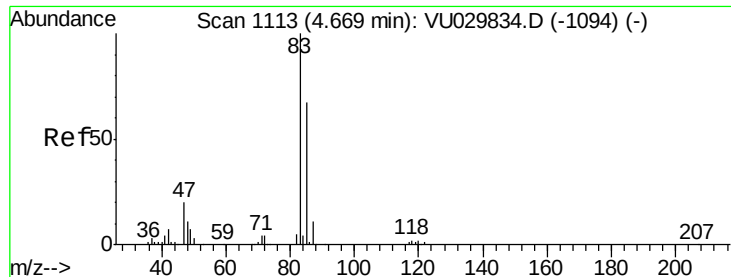
Abundance Ion 128.00 (127.70 to 128.70): VU029834.D (-1057) (-)

Ion 49.00 (48.70 to 49.70): VU029834.D (-1057) (-)

Ion 130.00 (129.70 to 130.70): VU029834.D (-1057) (-)

Time-->





#27

Chloroform

Concen: 0.244 ug/l

RT: 4.67 min Scan# 1114

Delta R.T. 0.00 min

Lab File: VU029839.D

Acq: 06 Mar 2019 14:42

Instrument :

MSVOA_U

ClientSampleId :

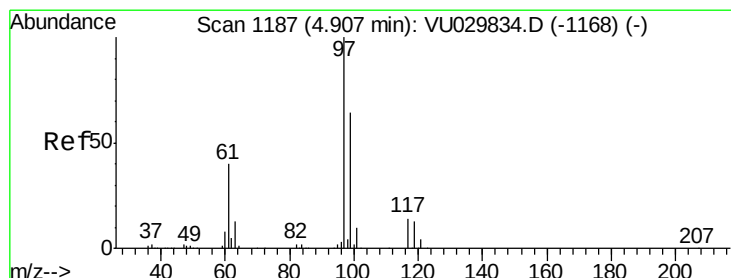
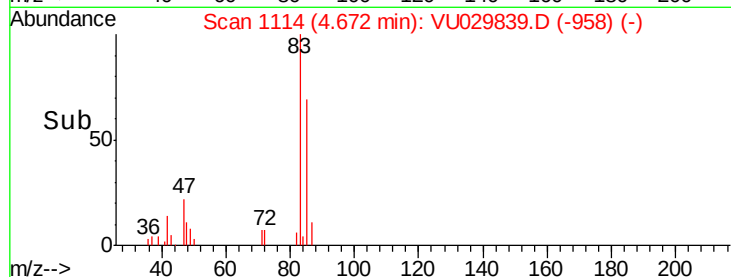
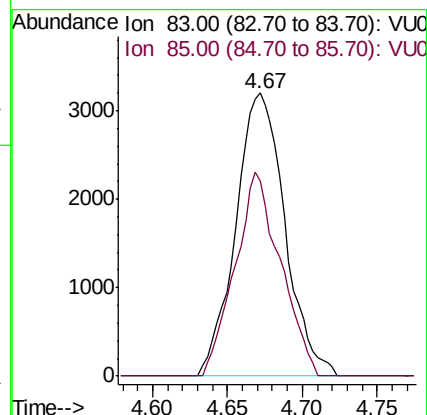
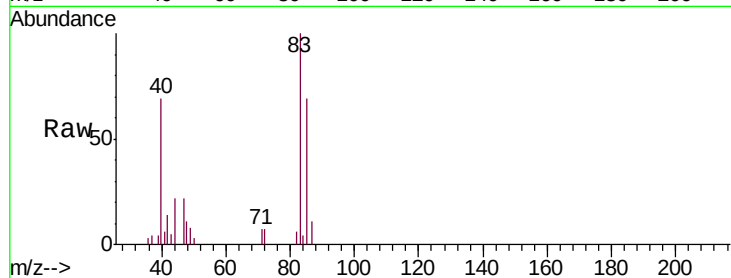
MDL02

Tgt Ion: 83 Resp: 7321

Ion Ratio Lower Upper

83 100

85 69.0 0.0 133.2



#28

1,1,1-Trichloroethane

Concen: 0.241 ug/l

RT: 4.91 min Scan# 1188

Delta R.T. 0.00 min

Lab File: VU029839.D

Acq: 06 Mar 2019 14:42

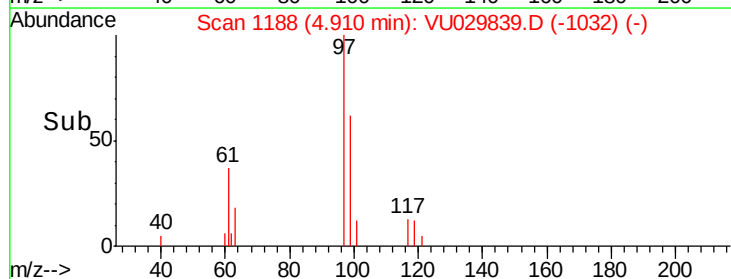
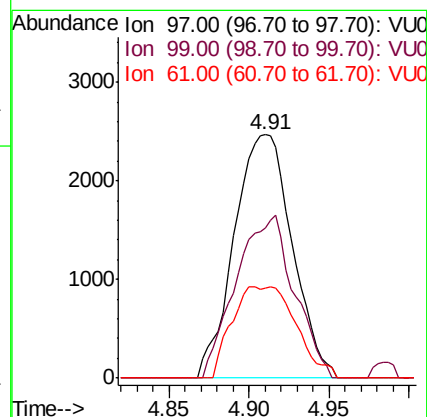
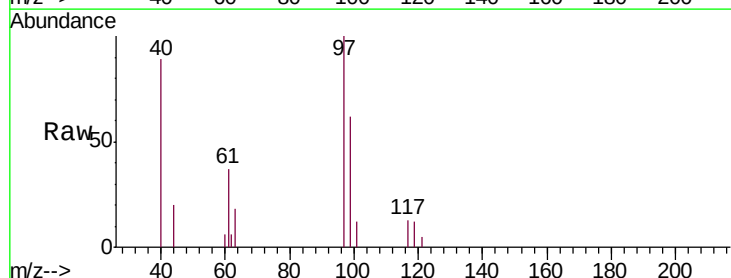
Tgt Ion: 97 Resp: 6122

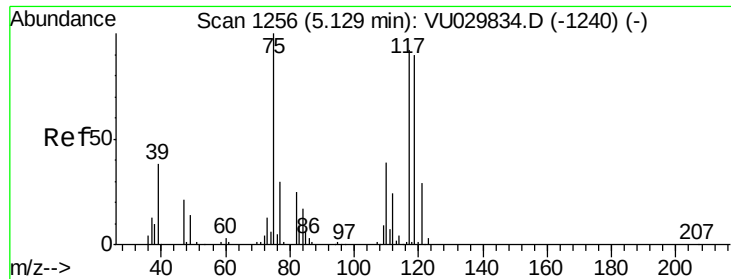
Ion Ratio Lower Upper

97 100

99 67.2 31.9 95.9

61 19.1 20.4 61.3#





#29

1,1-Dichloropropene

Concen: 0.249 ug/l

RT: 5.13 min Scan# 1258

Delta R.T. 0.01 min

Lab File: VU029839.D

Acq: 06 Mar 2019 14:42

Instrument :

MSVOA_U

ClientSampleId :

MDL02

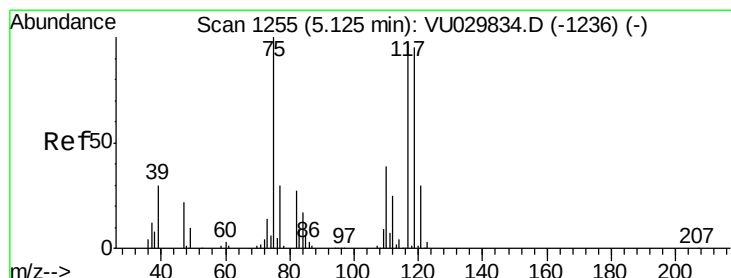
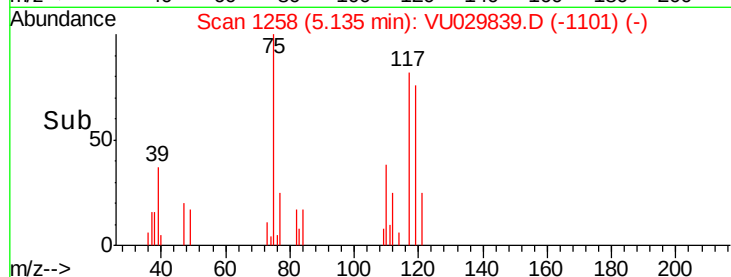
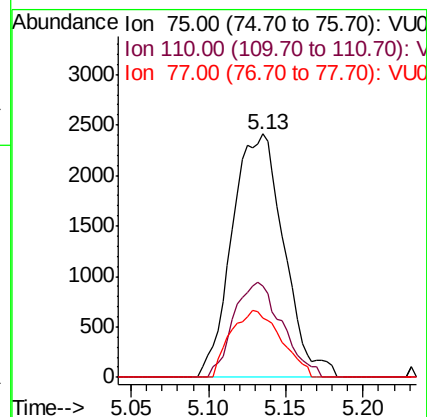
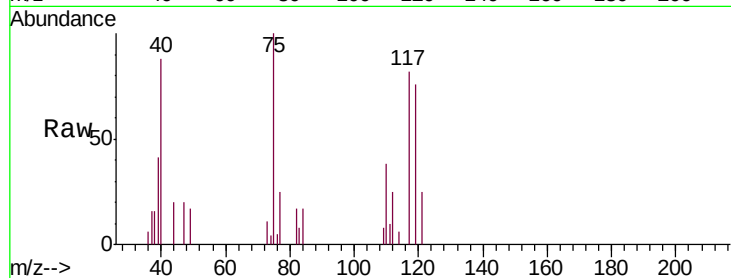
Tgt Ion: 75 Resp: 5619

Ion Ratio Lower Upper

75 100

110 36.4 19.1 57.5

77 26.7 23.9 35.9



#30

Carbon Tetrachloride

Concen: 0.237 ug/l

RT: 5.13 min Scan# 1255

Delta R.T. -0.00 min

Lab File: VU029839.D

Acq: 06 Mar 2019 14:42

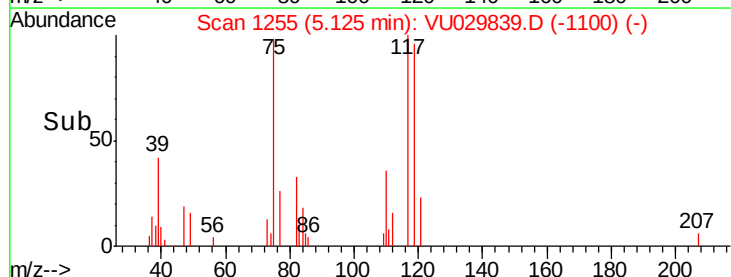
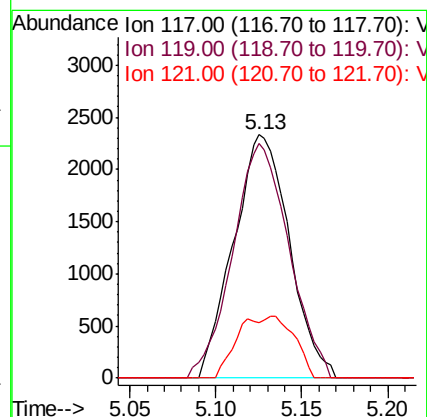
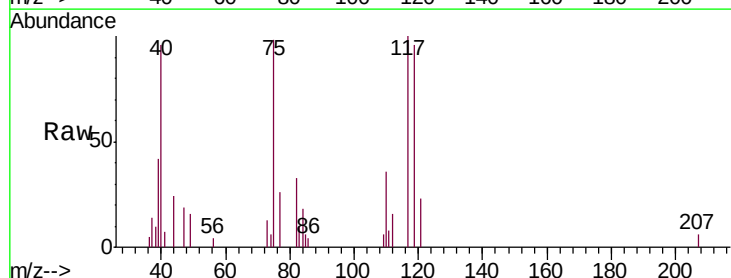
Tgt Ion: 117 Resp: 5257

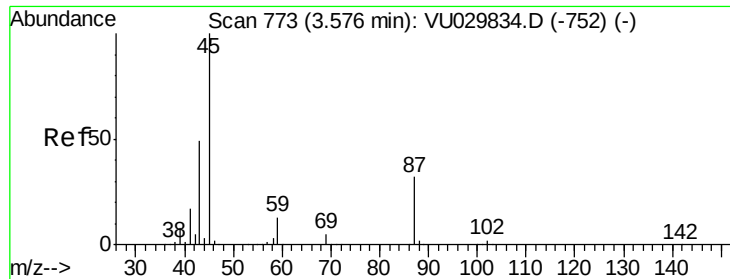
Ion Ratio Lower Upper

117 100

119 96.1 78.4 117.6

121 22.8 25.0 37.4#





#31

Isopropyl Ether

Concen: 0.249 ug/l

RT: 3.58 min Scan# 773

Delta R.T. -0.00 min

Lab File: VU029839.D

Acq: 06 Mar 2019 14:42

Instrument :

MSVOA_U

ClientSampleId :

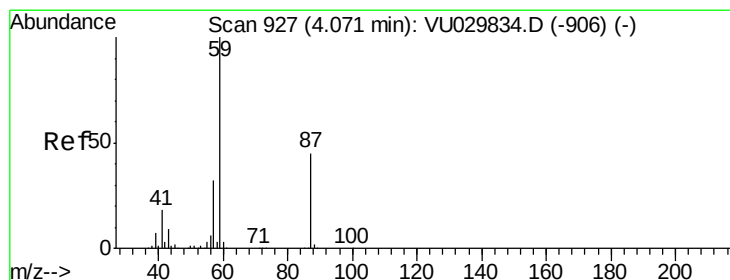
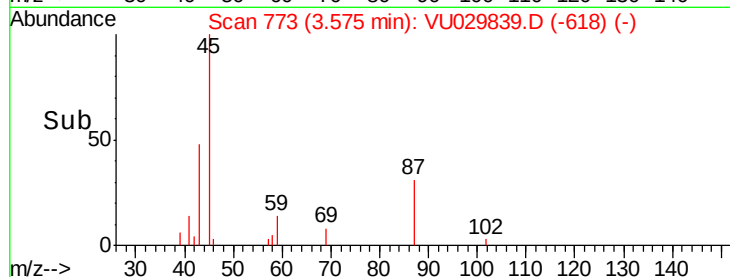
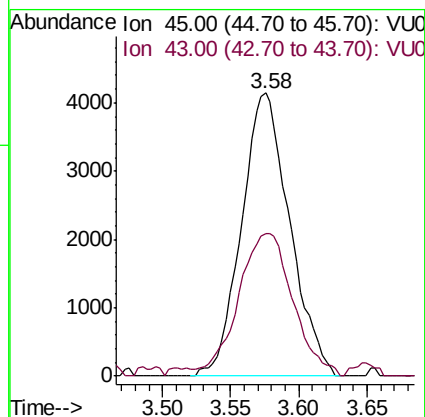
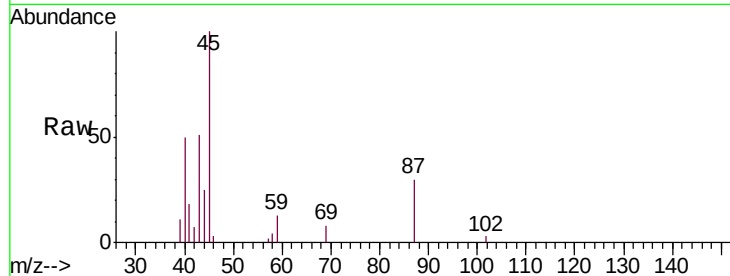
MDL02

Tgt Ion: 45 Resp: 10159

Ion Ratio Lower Upper

45 100

43 57.1 24.3 72.9



#32

Ethyl-t-butyl ether

Concen: 0.255 ug/l

RT: 4.07 min Scan# 926

Delta R.T. -0.00 min

Lab File: VU029839.D

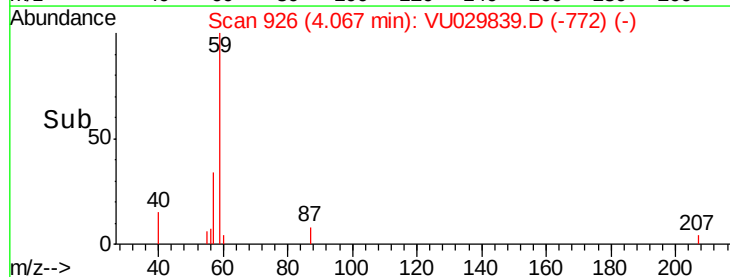
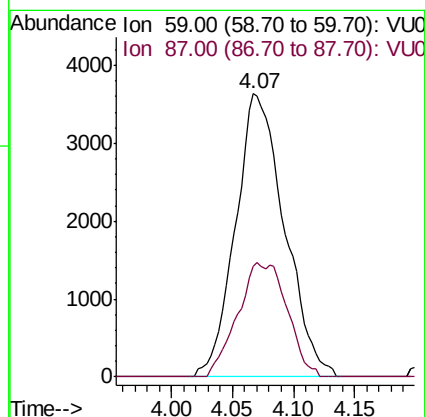
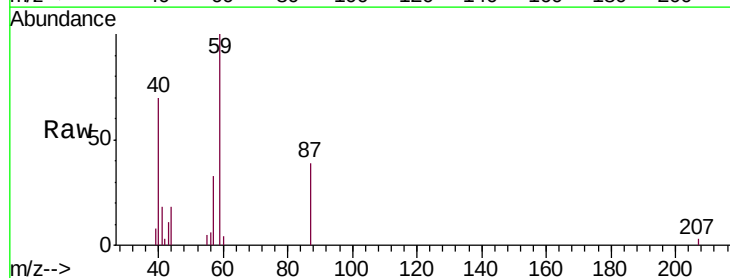
Acq: 06 Mar 2019 14:42

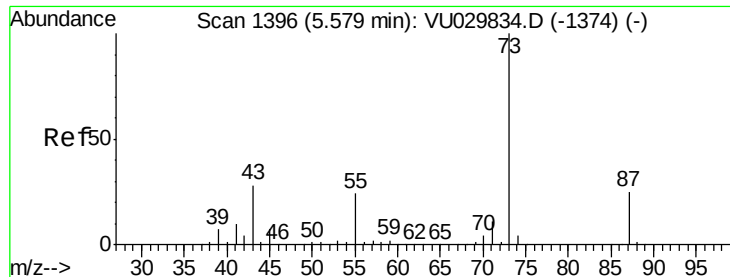
Tgt Ion: 59 Resp: 10131

Ion Ratio Lower Upper

59 100

87 40.7 36.2 54.4

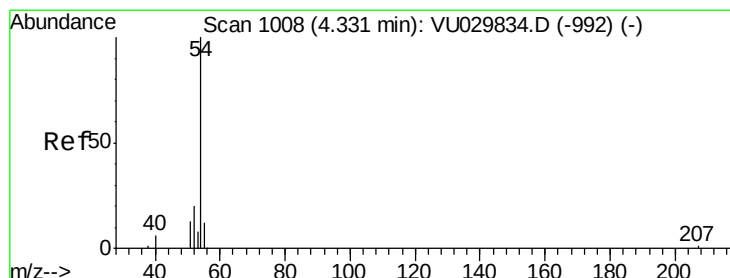
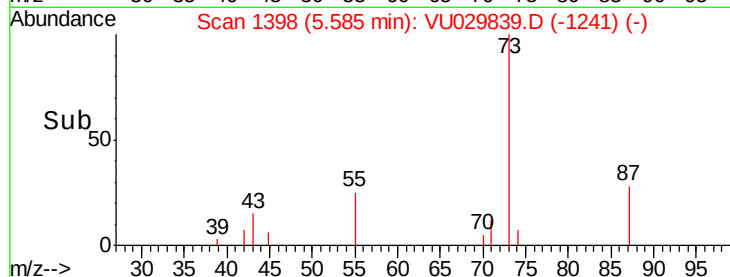
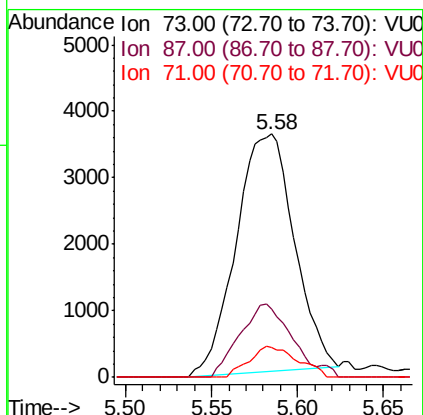
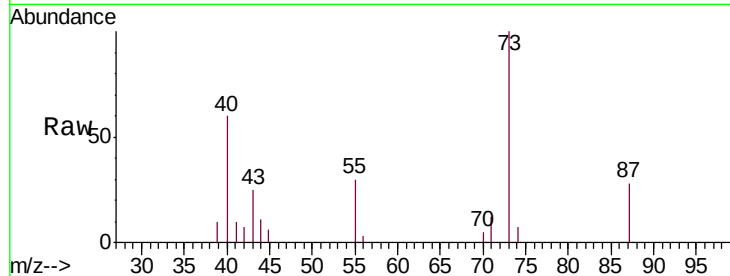




#33
Tert-Amyl methyl ether
Concen: 0.228 ug/l
RT: 5.58 min Scan# 1398
Delta R.T. 0.01 min
Lab File: VU029839.D
Acq: 06 Mar 2019 14:42

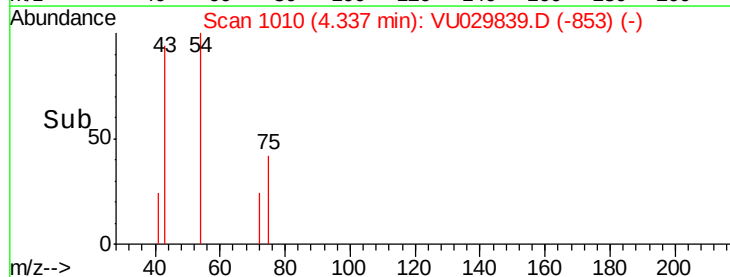
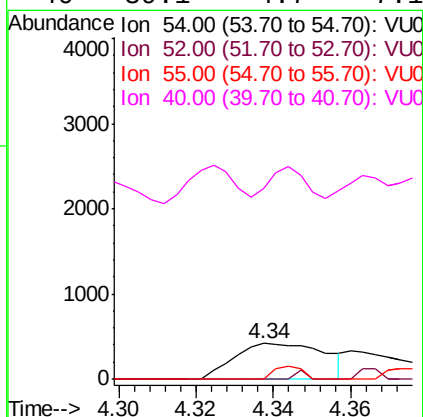
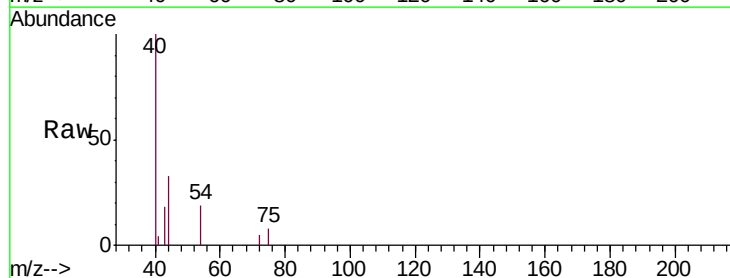
Instrument :
MSVOA_U
ClientSampleId :
MDL02

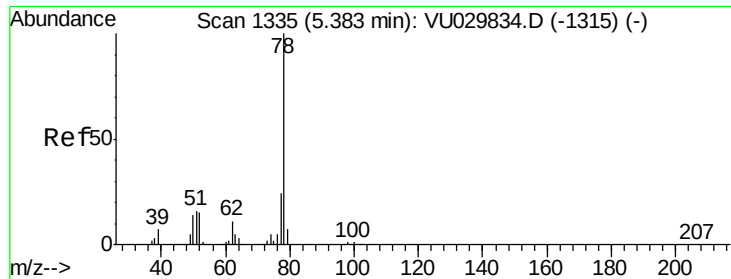
Tgt Ion: 73 Resp: 8372
Ion Ratio Lower Upper
73 100
87 27.9 19.7 29.5
71 10.8 9.4 14.2



#34
Propionitrile
Concen: 0.596 ug/l
RT: 4.34 min Scan# 1010
Delta R.T. 0.01 min
Lab File: VU029839.D
Acq: 06 Mar 2019 14:42

Tgt Ion: 54 Resp: 681
Ion Ratio Lower Upper
54 100
52 3.2 16.1 24.1#
55 11.2 11.2 16.8#
40 39.1 4.7 7.1#





#35

Benzene

Concen: 0.256 ug/l

RT: 5.39 min Scan# 1336

Delta R.T. 0.00 min

Lab File: VU029839.D

Acq: 06 Mar 2019 14:42

Instrument :

MSVOA_U

ClientSampleId :

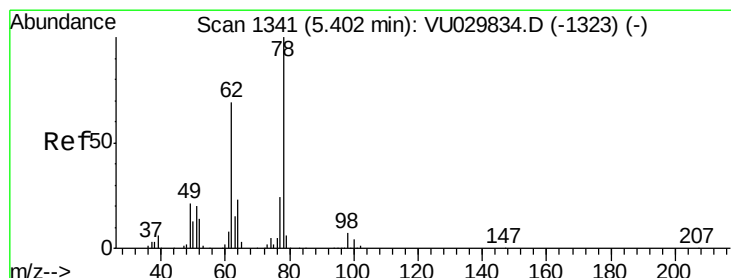
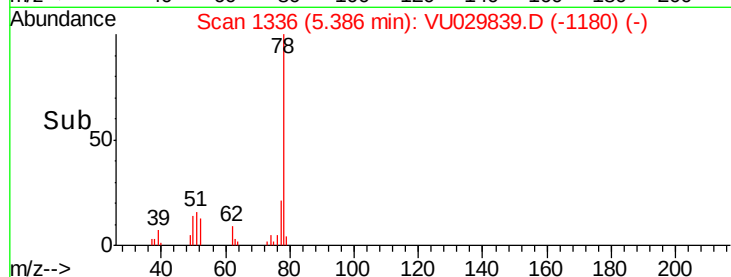
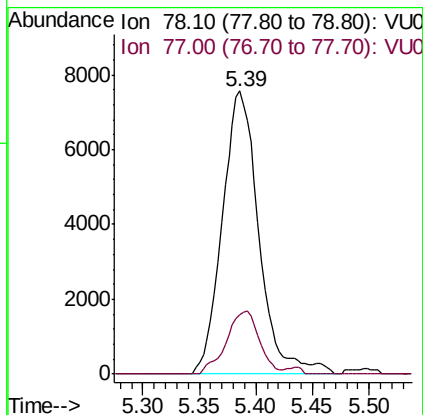
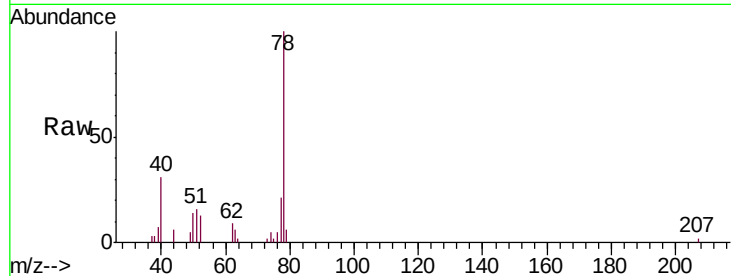
MDL02

Tgt Ion: 78 Resp: 17028

Ion Ratio Lower Upper

78 100

77 20.9 19.2 28.8



#36

1,2-Dichloroethane

Concen: 0.247 ug/l

RT: 5.40 min Scan# 1341

Delta R.T. -0.00 min

Lab File: VU029839.D

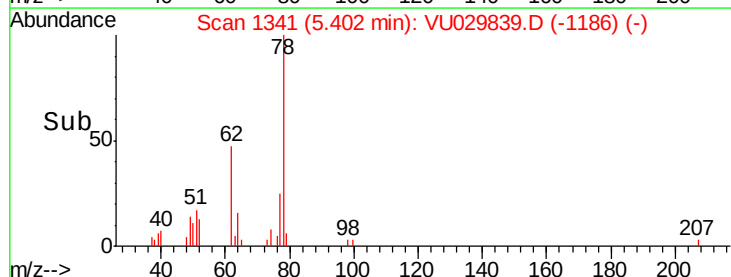
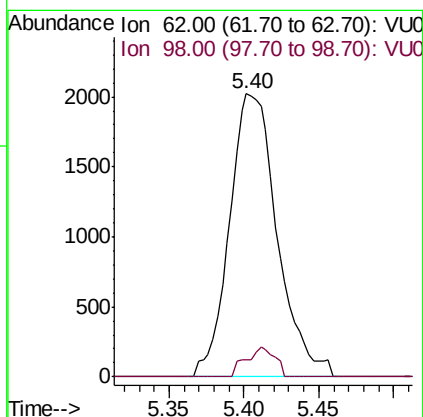
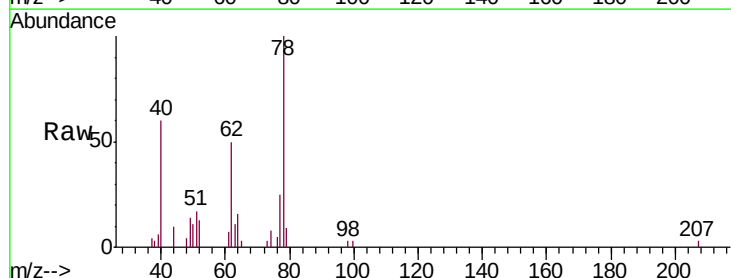
Acq: 06 Mar 2019 14:42

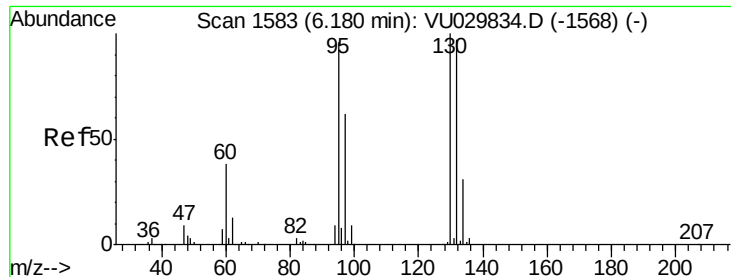
Tgt Ion: 62 Resp: 4496

Ion Ratio Lower Upper

62 100

98 6.3 8.2 12.2#

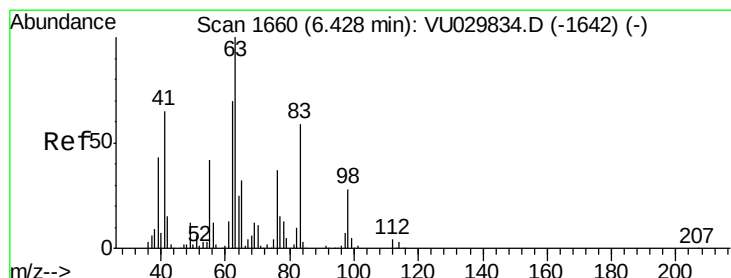
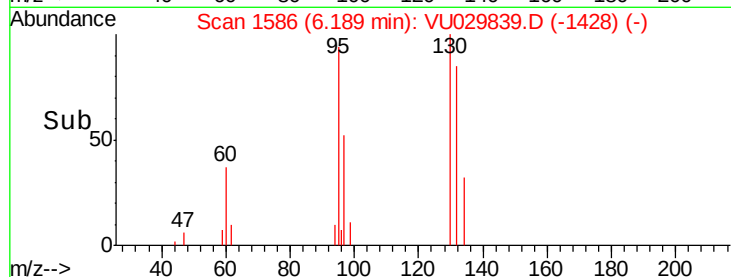
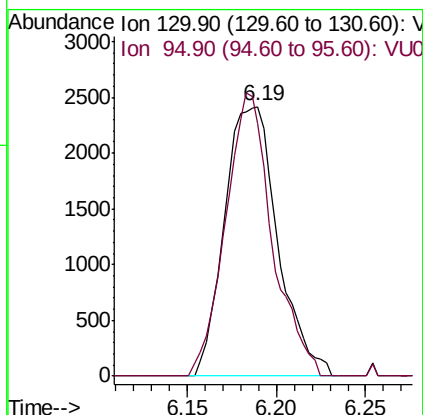
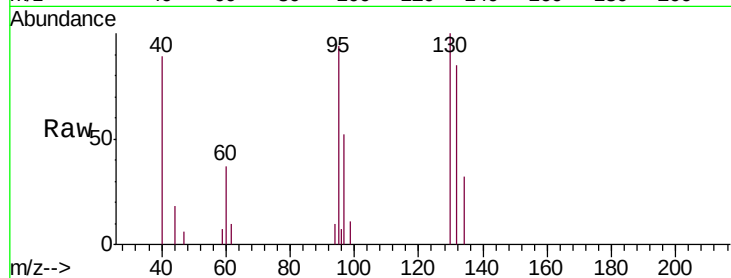




#37
 Trichloroethene
 Concen: 0.258 ug/l
 RT: 6.19 min Scan# 1586
 Delta R.T. 0.01 min
 Lab File: VU029839.D
 Acq: 06 Mar 2019 14:42

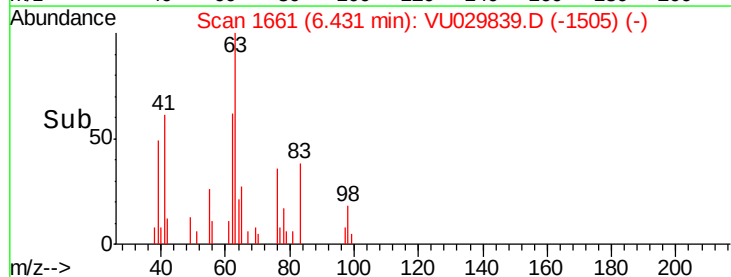
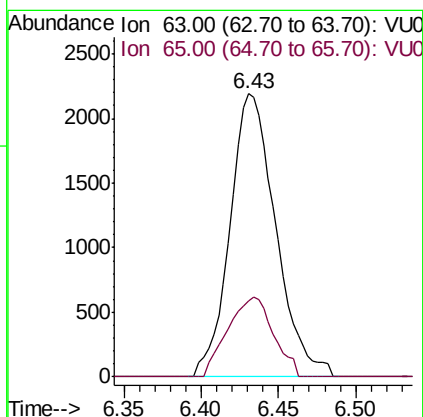
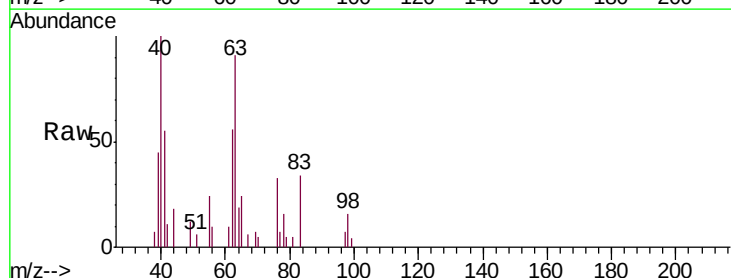
Instrument :
 MSVOA_U
 ClientSampleId :
 MDL02

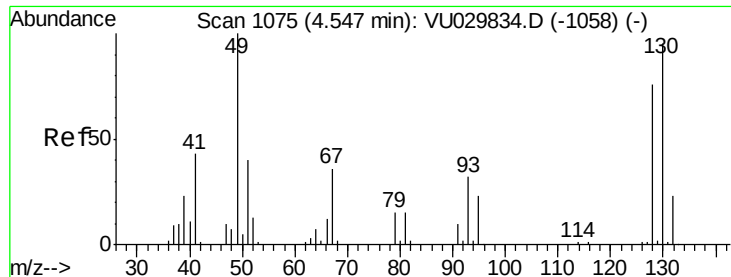
Tgt Ion: 130 Resp: 5019
 Ion Ratio Lower Upper
 130 100
 95 93.8 76.6 114.8



#38
 1,2-Dichloropropane
 Concen: 0.267 ug/l
 RT: 6.43 min Scan# 1661
 Delta R.T. 0.00 min
 Lab File: VU029839.D
 Acq: 06 Mar 2019 14:42

Tgt Ion: 63 Resp: 4500
 Ion Ratio Lower Upper
 63 100
 65 26.8 25.4 38.2

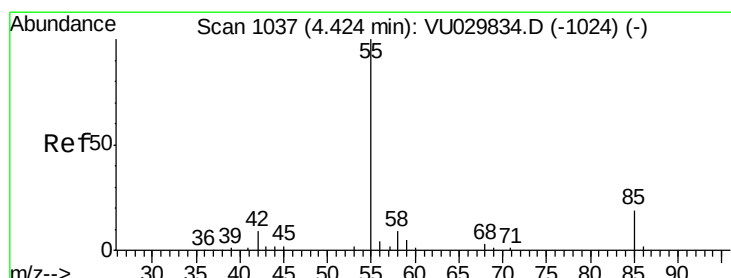
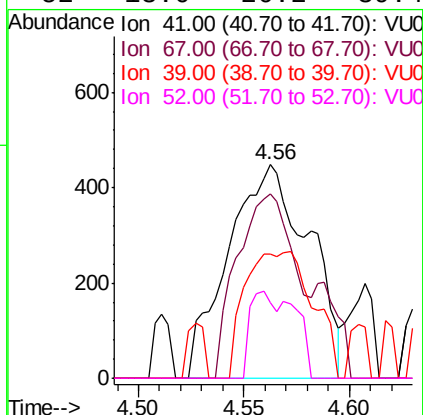
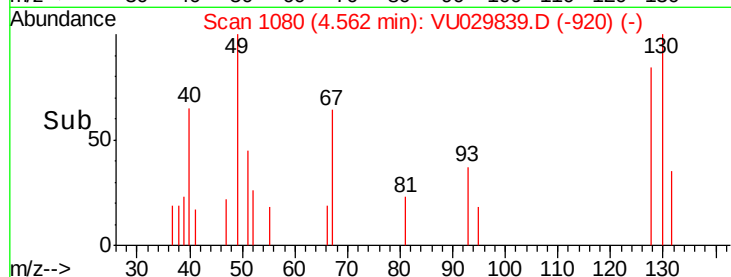
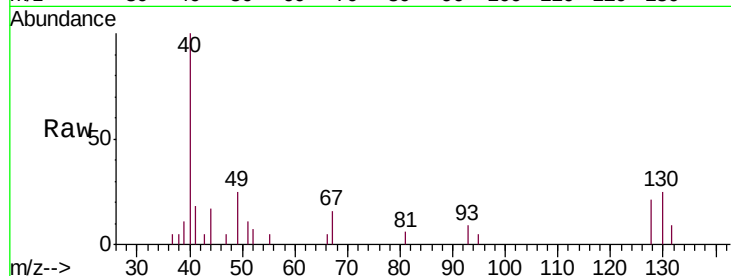




#39
Methacrylonitrile
Concen: 0.249 ug/l
RT: 4.56 min Scan# 1080
Delta R.T. 0.02 min
Lab File: VU029839.D
Acq: 06 Mar 2019 14:42

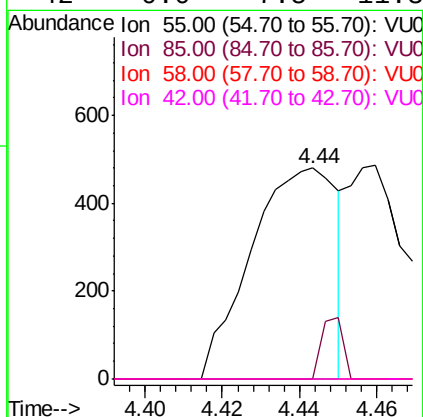
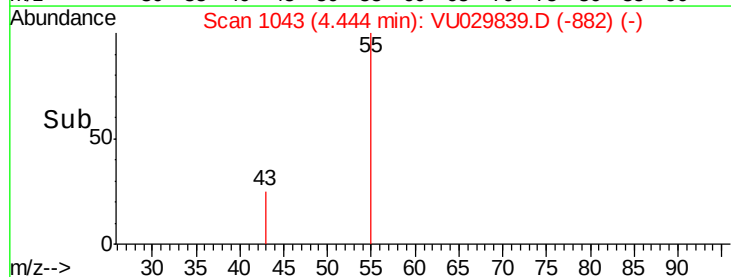
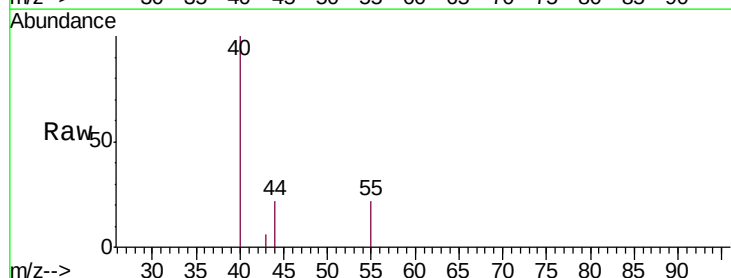
Instrument :
MSVOA_U
ClientSampleId :
MDL02

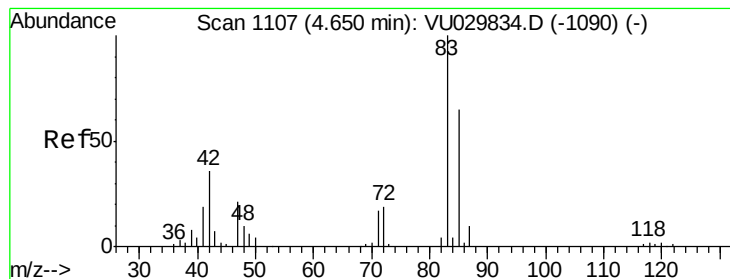
Tgt Ion: 41 Resp: 1199
Ion Ratio Lower Upper
41 100
67 62.1 68.4 102.6#
39 25.1 42.6 63.8#
52 13.0 26.2 39.4#



#40
Methyl acrylate
Concen: 0.097 ug/l
RT: 4.44 min Scan# 1043
Delta R.T. 0.02 min
Lab File: VU029839.D
Acq: 06 Mar 2019 14:42

Tgt Ion: 55 Resp: 740
Ion Ratio Lower Upper
55 100
85 0.0 15.2 22.8#
58 0.0 7.6 11.4#
42 0.0 7.5 11.3#





#41

Tetrahydrofuran

Concen: 0.675 ug/l

RT: 4.65 min Scan# 1108

Delta R.T. 0.00 min

Lab File: VU029839.D

Acq: 06 Mar 2019 14:42

Instrument :

MSVOA_U

ClientSampleId :

MDL02

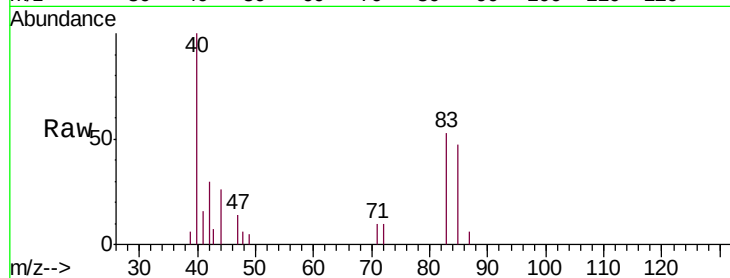
Tgt Ion: 42 Resp: 1698

Ion Ratio Lower Upper

42 100

72 24.3 43.6 65.4#

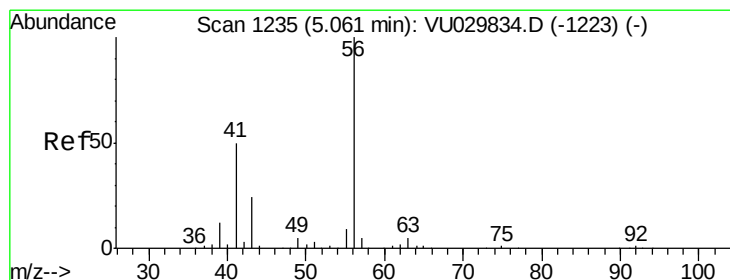
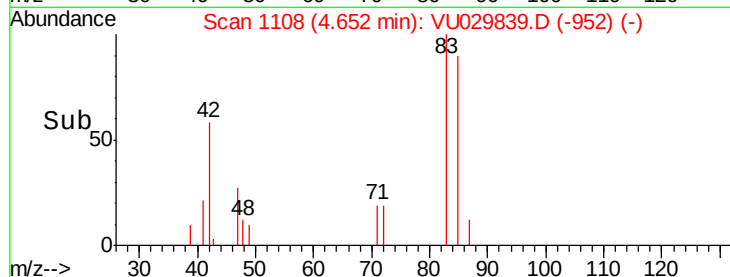
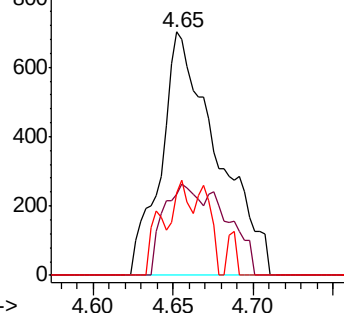
71 12.0 37.5 56.3#



Abundance Ion 42.00 (41.70 to 42.70): VU0

Ion 72.00 (71.70 to 72.70): VU0

Ion 71.00 (70.70 to 71.70): VU0



#42

1-Chlorobutane

Concen: 0.218 ug/l

RT: 5.06 min Scan# 1235

Delta R.T. -0.00 min

Lab File: VU029839.D

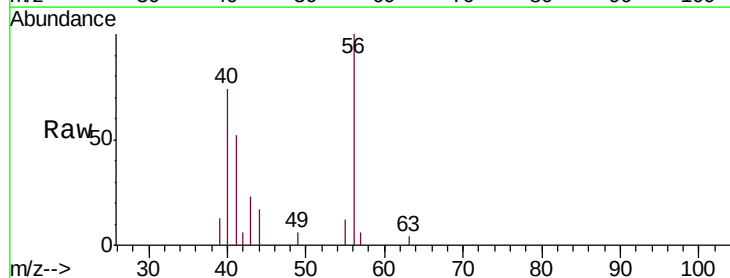
Acq: 06 Mar 2019 14:42

Tgt Ion: 56 Resp: 6291

Ion Ratio Lower Upper

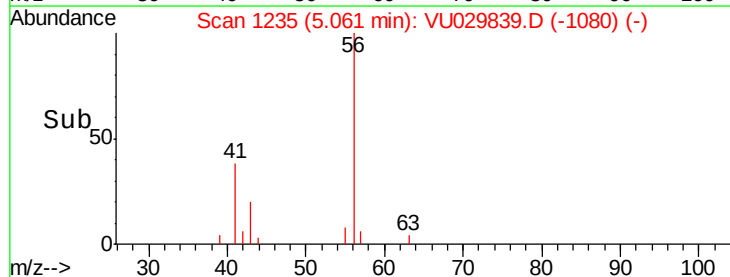
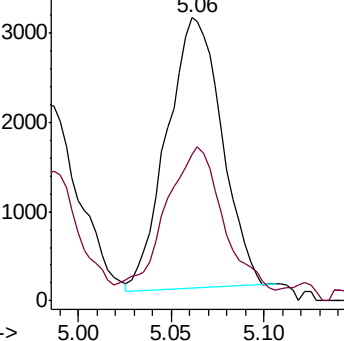
56 100

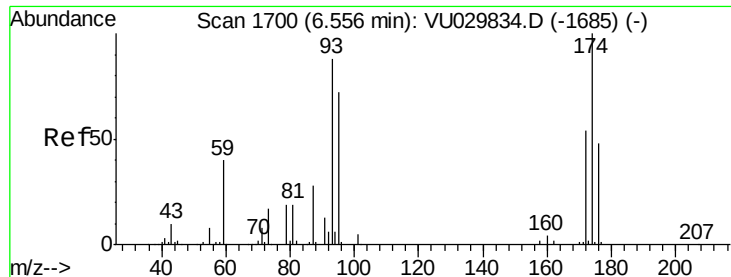
41 63.2 25.0 75.0



Abundance Ion 56.00 (55.70 to 56.70): VU0

Ion 41.00 (40.70 to 41.70): VU0





#43

Dibromomethane

Concen: 0.226 ug/l

RT: 6.56 min Scan# 1702

Delta R.T. 0.01 min

Lab File: VU029839.D

Acq: 06 Mar 2019 14:42

Instrument :

MSVOA_U

ClientSampled :

MDL02

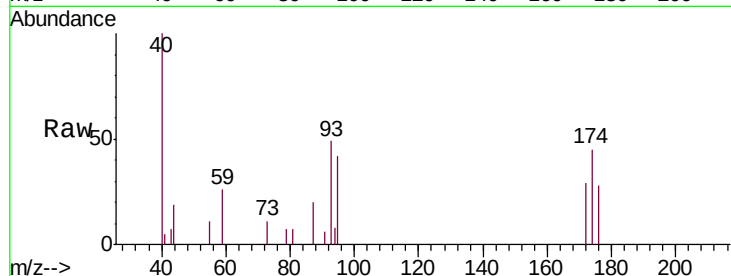
Tgt Ion: 93 Resp: 1972

Ion Ratio Lower Upper

93 100

95 88.8 67.0 100.6

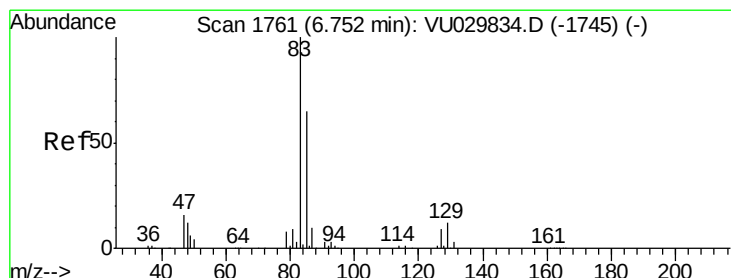
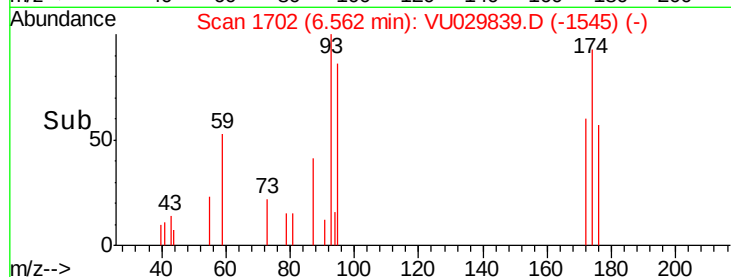
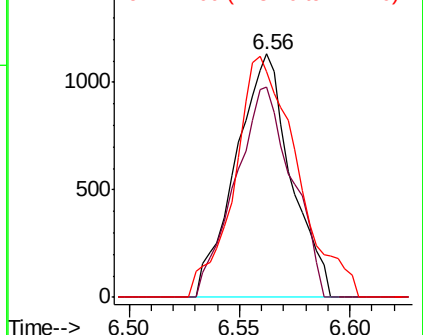
174 112.2 91.4 137.2



Abundance Ion 93.00 (92.70 to 93.70): VU029839.D (-1545) (-)

Ion 95.00 (94.70 to 95.70): VU029839.D (-1545) (-)

Ion 174.00 (173.70 to 174.70): VU029839.D (-1545) (-)



#44

Bromodichloromethane

Concen: 0.241 ug/l

RT: 6.76 min Scan# 1763

Delta R.T. 0.01 min

Lab File: VU029839.D

Acq: 06 Mar 2019 14:42

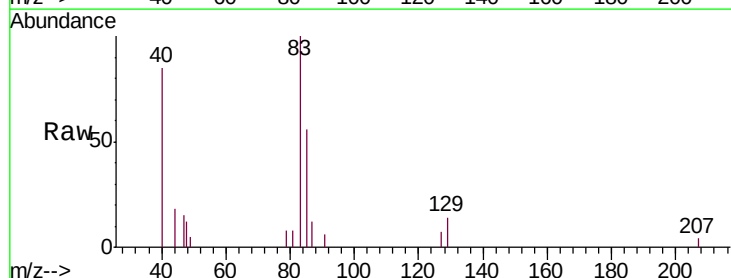
Tgt Ion: 83 Resp: 5162

Ion Ratio Lower Upper

83 100

85 55.8 51.7 77.5

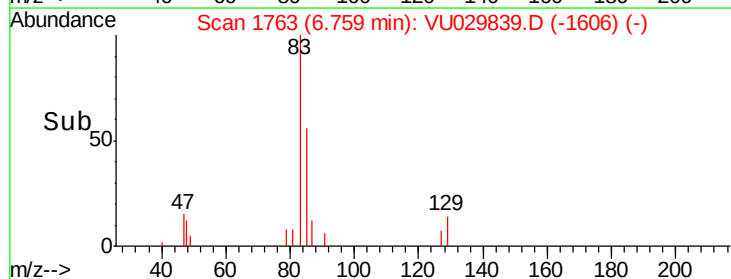
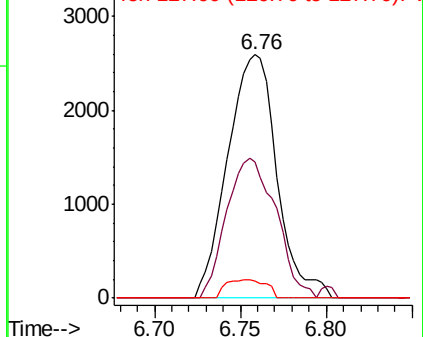
127 6.9 7.4 11.2#

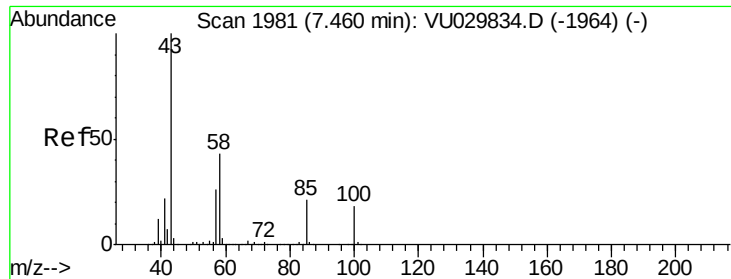


Abundance Ion 83.00 (82.70 to 83.70): VU029839.D (-1606) (-)

Ion 85.00 (84.70 to 85.70): VU029839.D (-1606) (-)

Ion 127.00 (126.70 to 127.70): VU029839.D (-1606) (-)

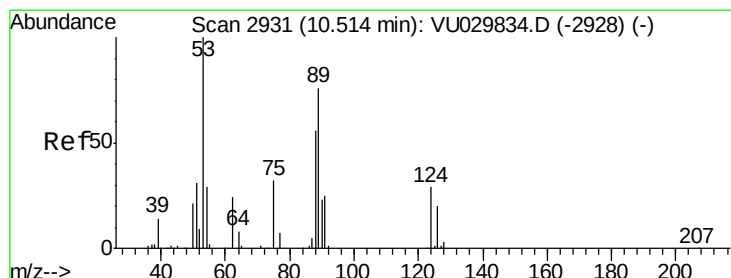
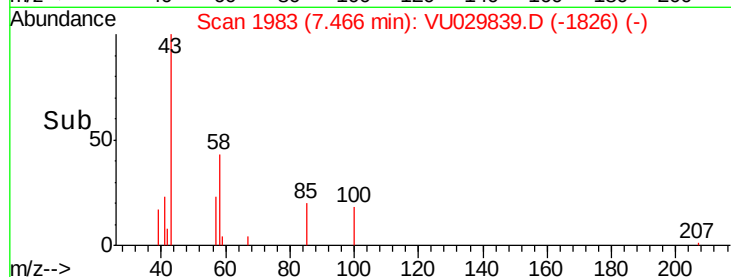
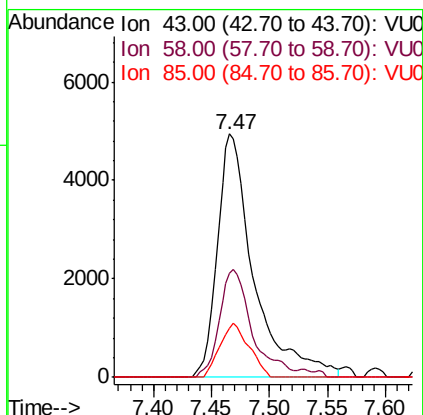
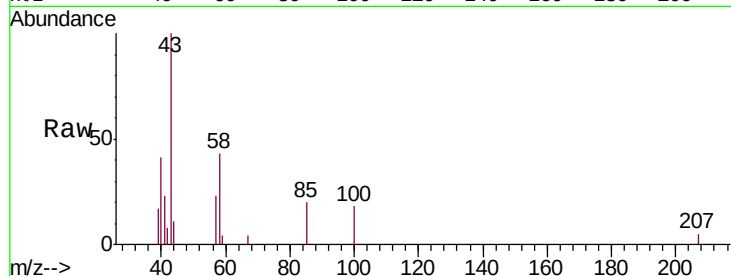




#45
 4-Methyl-2-Pentanone
 Concen: 1.196 ug/l
 RT: 7.47 min Scan# 1983
 Delta R.T. 0.01 min
 Lab File: VU029839.D
 Acq: 06 Mar 2019 14:42

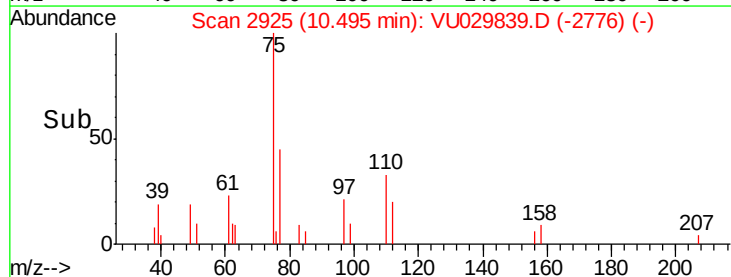
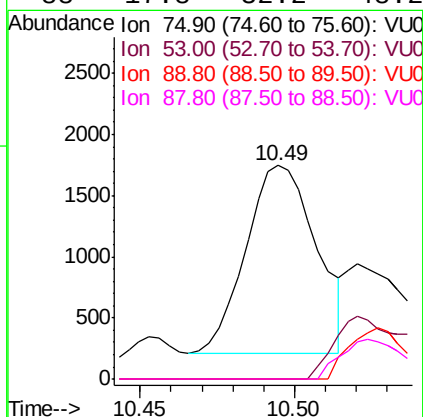
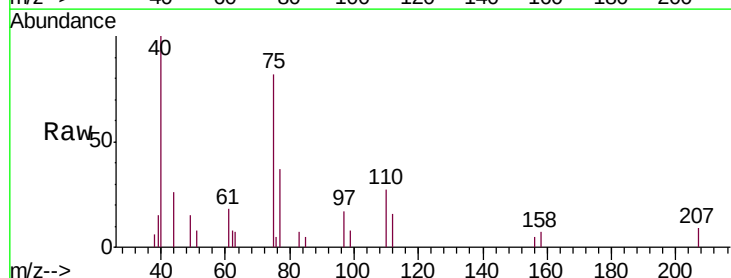
Instrument :
 MSVOA_U
 ClientSampleId :
 MDL02

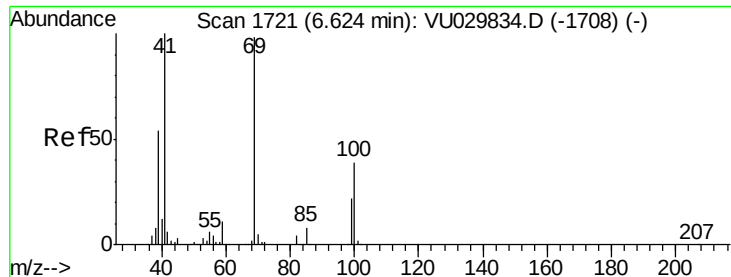
Tgt Ion: 43 Resp: 10887
 Ion Ratio Lower Upper
 43 100
 58 39.2 21.6 65.0
 85 17.6 16.5 24.7



#46
 t-1,4-Dichloro-2-butene
 Concen: 0.640 ug/l
 RT: 10.49 min Scan# 2925
 Delta R.T. -0.02 min
 Lab File: VU029839.D
 Acq: 06 Mar 2019 14:42

Tgt Ion: 75 Resp: 2436
 Ion Ratio Lower Upper
 75 100
 53 41.3 59.2 88.8#
 89 26.5 44.9 67.3#
 88 17.8 32.2 48.2#





#47

Methyl methacrylate

Concen: 0.404 ug/l

RT: 6.64 min Scan# 1725

Delta R.T. 0.01 min

Lab File: VU029839.D

Acq: 06 Mar 2019 14:42

Instrument :

MSVOA_U

ClientSampleId :

MDL02

Tgt Ion: 69 Resp: 3025

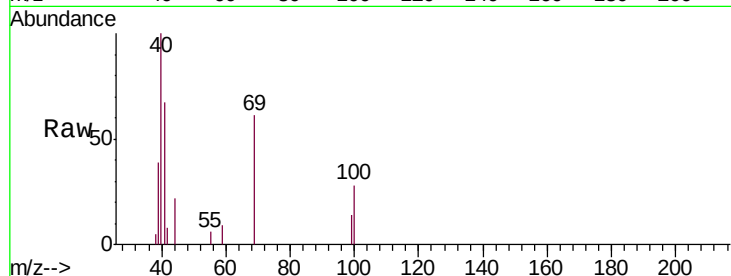
Ion Ratio Lower Upper

69 100

41 124.3 0.0 201.0

39 63.7 43.3 64.9

100 39.0 31.5 47.3

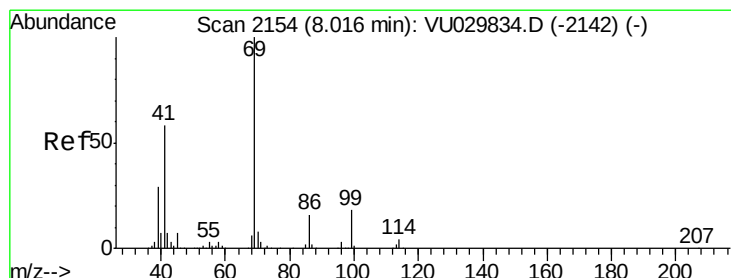
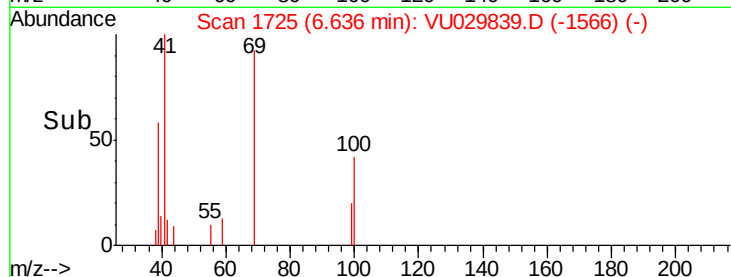
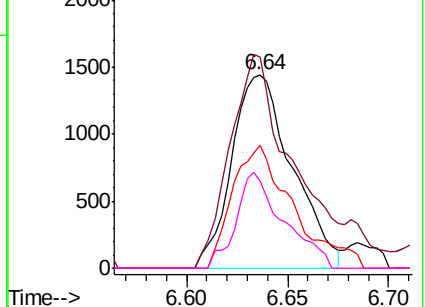


Abundance Ion 69.00 (68.70 to 69.70): VU029834.D (-1708) (-)

Ion 41.00 (40.70 to 41.70): VU029834.D (-1708) (-)

Ion 39.00 (38.70 to 39.70): VU029834.D (-1708) (-)

Ion 100.00 (99.70 to 100.70): VU029834.D (-1708) (-)



#48

Ethyl methacrylate

Concen: 0.206 ug/l

RT: 8.03 min Scan# 2158

Delta R.T. 0.01 min

Lab File: VU029839.D

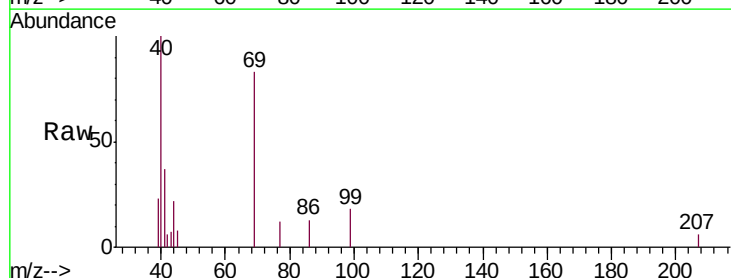
Acq: 06 Mar 2019 14:42

Tgt Ion: 69 Resp: 2953

Ion Ratio Lower Upper

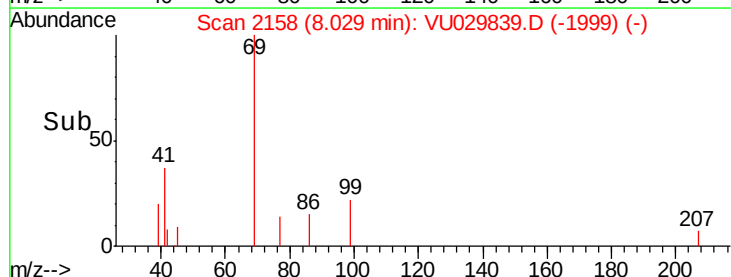
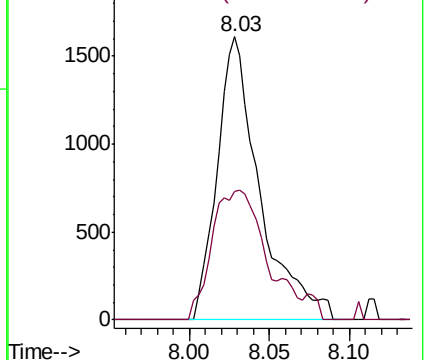
69 100

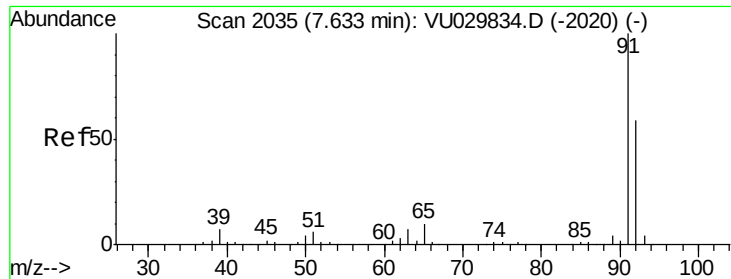
41 58.4 29.0 87.1



Abundance Ion 69.00 (68.70 to 69.70): VU029834.D (-2142) (-)

Ion 41.00 (40.70 to 41.70): VU029834.D (-2142) (-)





#49

Toluene

Concen: 0.222 ug/l

RT: 7.64 min Scan# 2036

Delta R.T. 0.00 min

Lab File: VU029839.D

Acq: 06 Mar 2019 14:42

Instrument :

MSVOA_U

ClientSampleId :

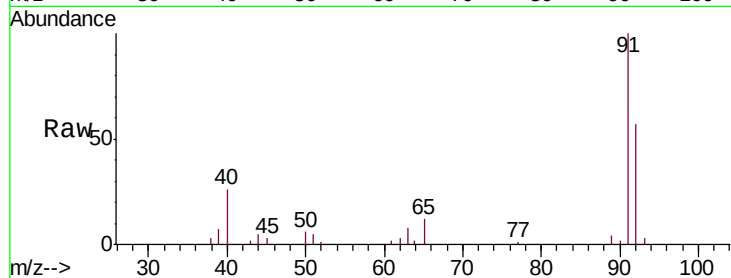
MDL02

Tgt Ion: 92 Resp: 9078

Ion Ratio Lower Upper

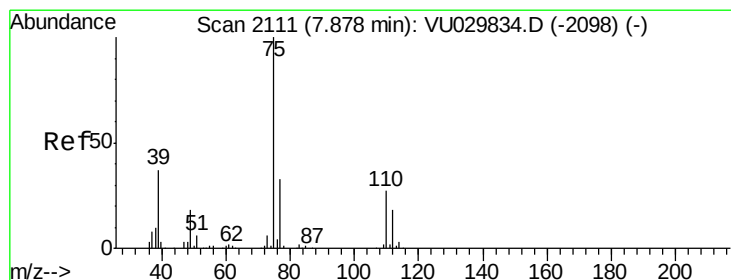
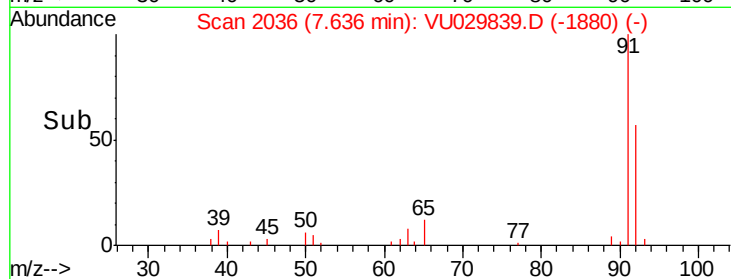
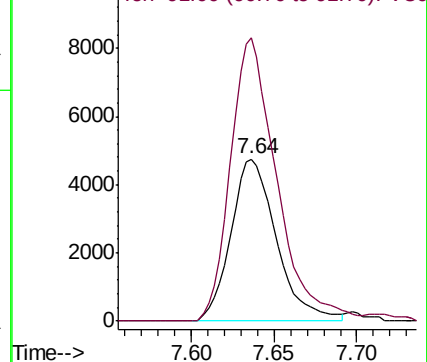
92 100

91 176.9 137.8 206.8



Abundance Ion 92.00 (91.70 to 92.70): VU0

Ion 91.00 (90.70 to 91.70): VU0



#50

t-1,3-Dichloropropene

Concen: 0.209 ug/l

RT: 7.89 min Scan# 2115

Delta R.T. 0.01 min

Lab File: VU029839.D

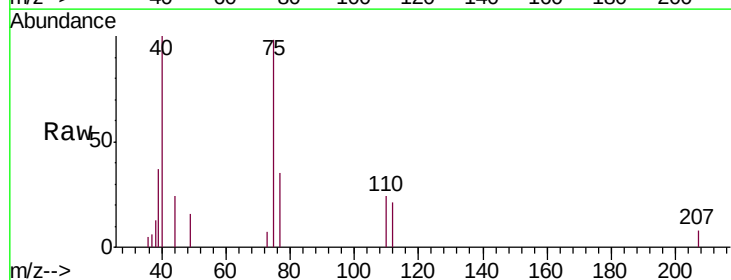
Acq: 06 Mar 2019 14:42

Tgt Ion: 75 Resp: 3921

Ion Ratio Lower Upper

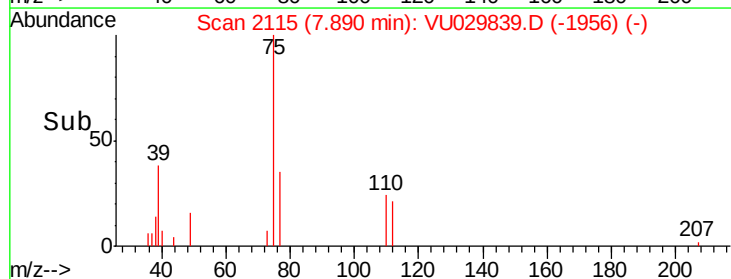
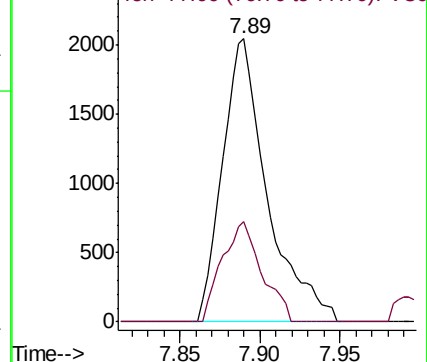
75 100

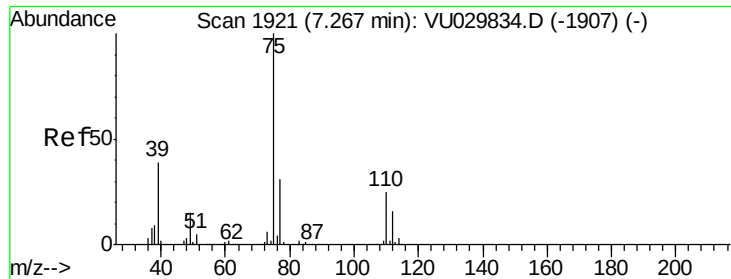
77 35.3 26.4 39.6



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

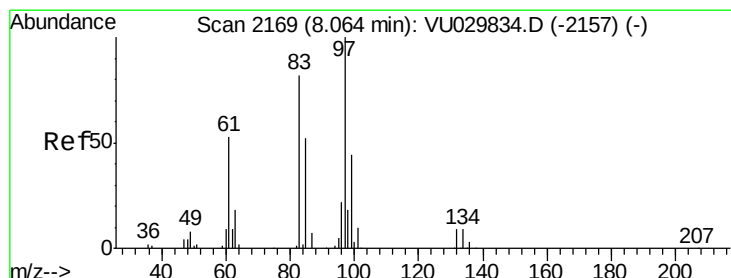
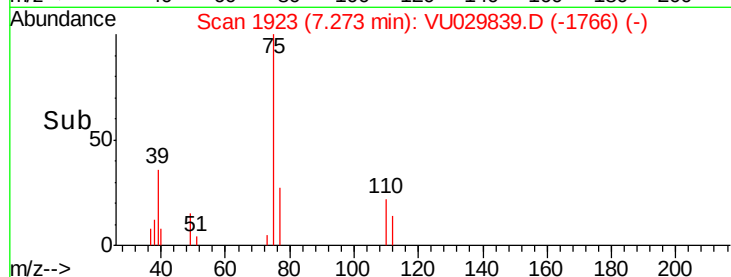
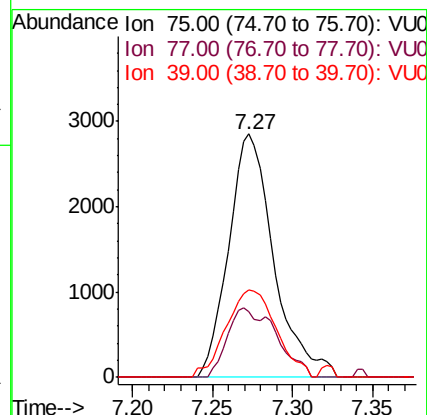
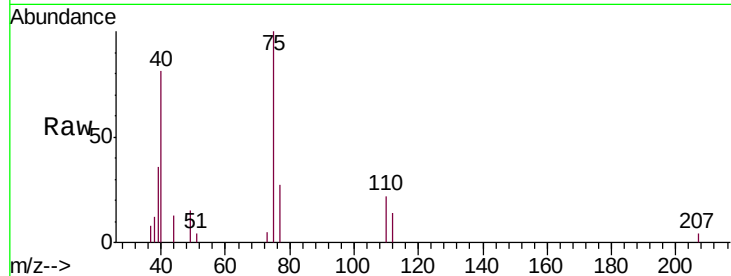




#51
 cis-1,3-Dichloropropene
 Concen: 0.237 ug/l
 RT: 7.27 min Scan# 1923
 Delta R.T. 0.01 min
 Lab File: VU029839.D
 Acq: 06 Mar 2019 14:42

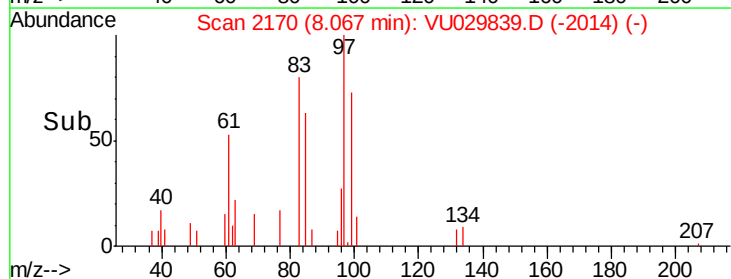
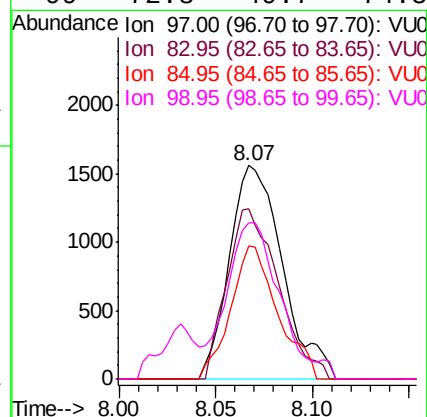
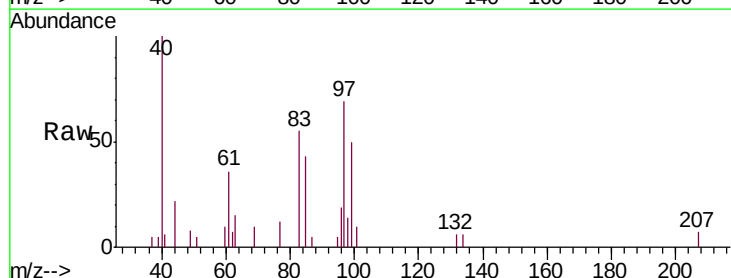
Instrument :
 MSVOA_U
 ClientSampleId :
 MDL02

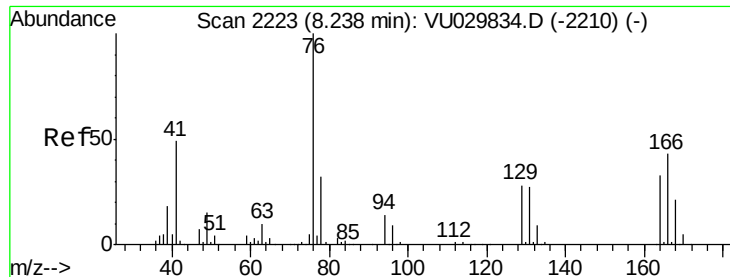
Tgt Ion: 75 Resp: 5502
 Ion Ratio Lower Upper
 75 100
 77 26.9 24.9 37.3
 39 36.0 30.8 46.2



#52
 1,1,2-Trichloroethane
 Concen: 0.231 ug/l
 RT: 8.07 min Scan# 2170
 Delta R.T. 0.00 min
 Lab File: VU029839.D
 Acq: 06 Mar 2019 14:42

Tgt Ion: 97 Resp: 2982
 Ion Ratio Lower Upper
 97 100
 83 79.9 65.9 98.9
 85 62.6 43.0 64.6
 99 72.8 49.7 74.5





#53

1,3-Dichloropropane

Concen: 0.242 ug/l

RT: 8.24 min Scan# 2225

Delta R.T. 0.01 min

Lab File: VU029839.D

Acq: 06 Mar 2019 14:42

Instrument :

MSVOA_U

ClientSampled :

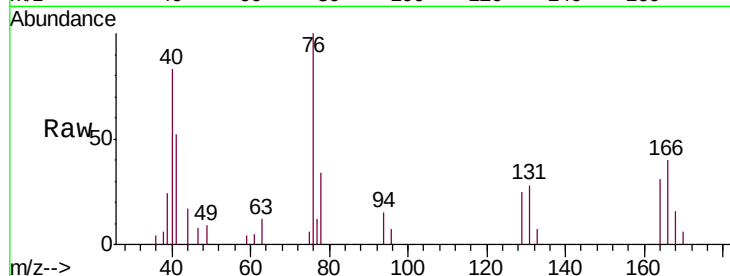
MDL02

Tgt Ion: 76 Resp: 5118

Ion Ratio Lower Upper

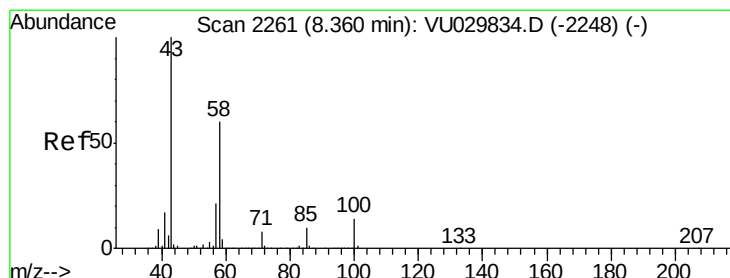
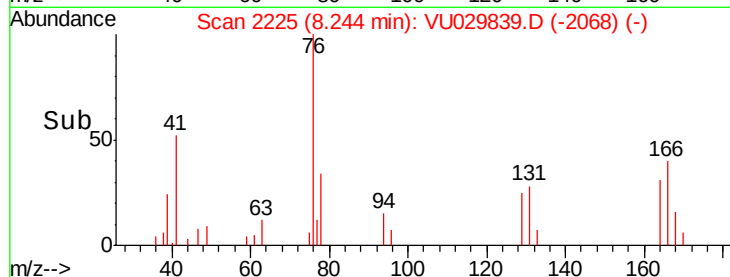
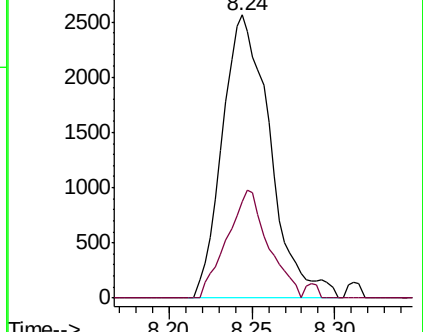
76 100

78 33.1 25.7 38.5



Abundance Ion 76.00 (75.70 to 76.70): VU029834.D (-2210) (-)

Ion 78.00 (77.70 to 78.70): VU029834.D (-2210) (-)



#54

2-Hexanone

Concen: 1.095 ug/l

RT: 8.38 min Scan# 2266

Delta R.T. 0.02 min

Lab File: VU029839.D

Acq: 06 Mar 2019 14:42

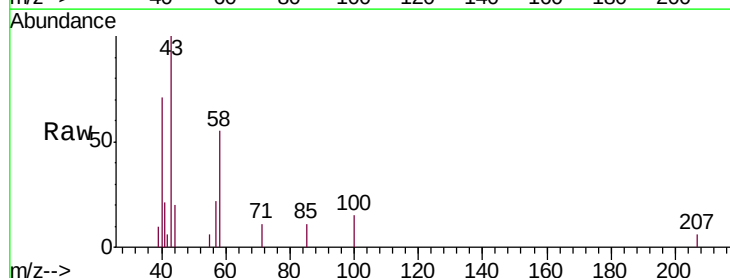
Tgt Ion: 43 Resp: 6925

Ion Ratio Lower Upper

43 100

58 53.7 39.6 79.6

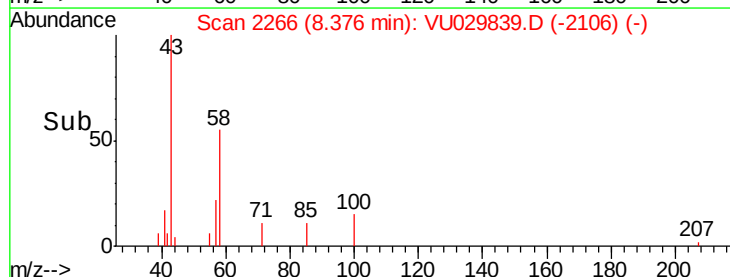
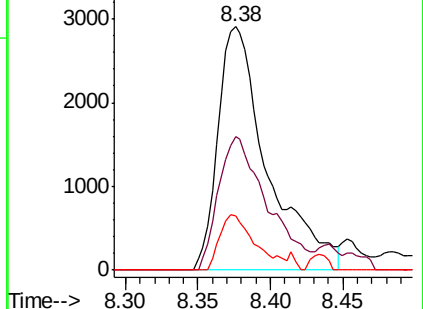
57 17.2 0.5 40.5

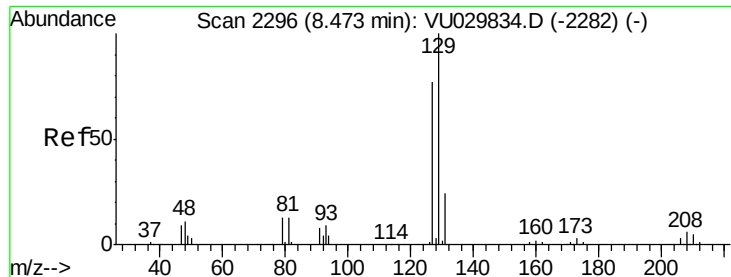


Abundance Ion 43.00 (42.70 to 43.70): VU029834.D (-2248) (-)

Ion 58.00 (57.70 to 58.70): VU029834.D (-2248) (-)

Ion 57.00 (56.70 to 57.70): VU029834.D (-2248) (-)





#55

Dibromochloromethane

Concen: 0.214 ug/l

RT: 8.48 min Scan# 2297

Delta R.T. 0.00 min

Lab File: VU029839.D

Acq: 06 Mar 2019 14:42

Instrument :

MSVOA_U

ClientSampleId :

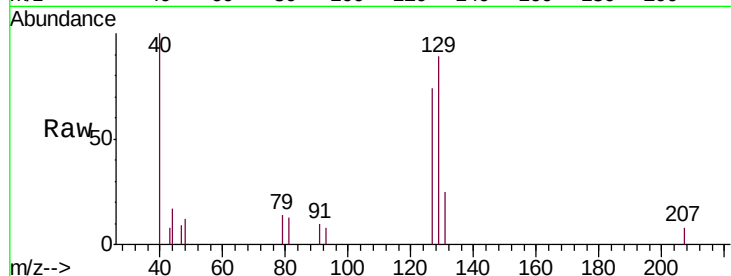
MDL02

Tgt Ion:129 Resp: 3288

Ion Ratio Lower Upper

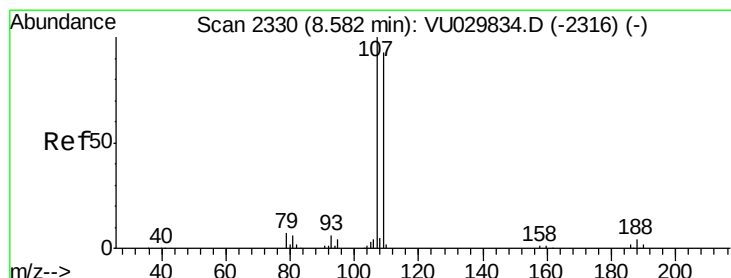
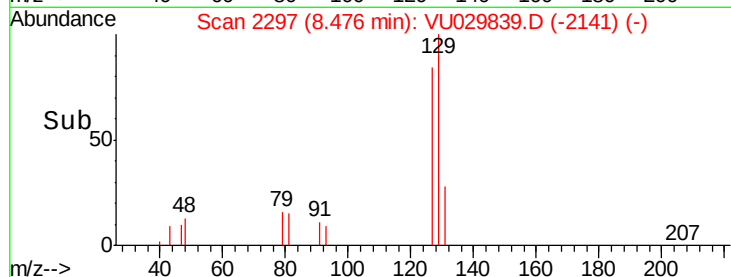
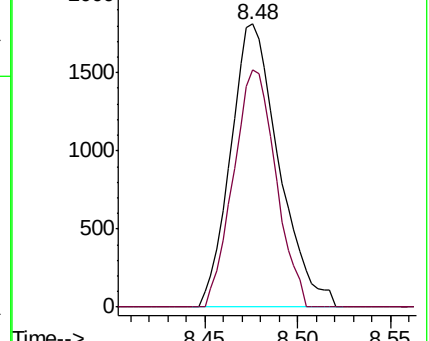
129 100

127 73.4 61.6 92.4



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#56

1,2-Dibromoethane

Concen: 0.222 ug/l

RT: 8.59 min Scan# 2332

Delta R.T. 0.01 min

Lab File: VU029839.D

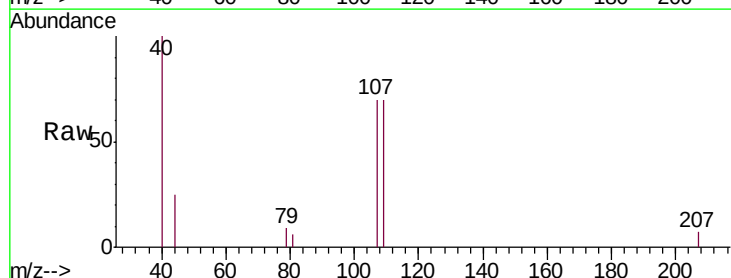
Acq: 06 Mar 2019 14:42

Tgt Ion:107 Resp: 2723

Ion Ratio Lower Upper

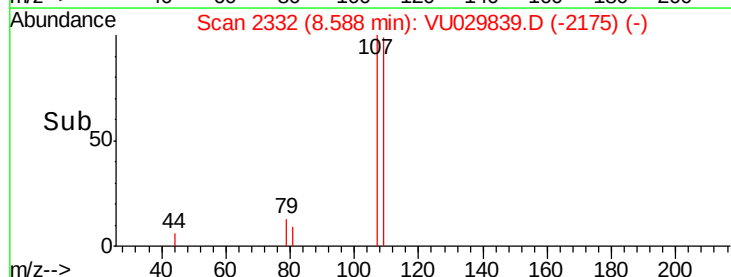
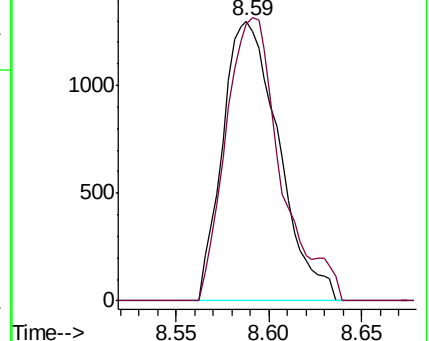
107 100

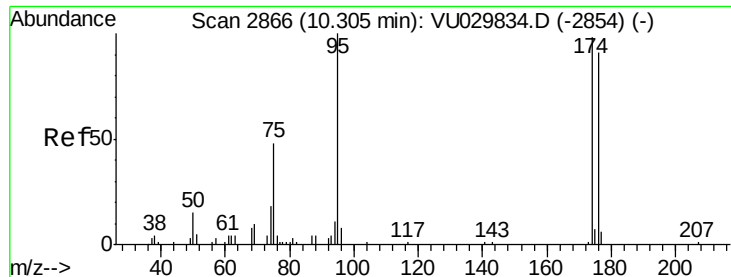
109 99.2 0.0 188.4



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V





#57

4-Bromofluorobenzene

Concen: 0.222 ug/l

RT: 10.31 min Scan# 2867

Delta R.T. 0.00 min

Lab File: VU029839.D

Acq: 06 Mar 2019 14:42

Instrument :

MSVOA_U

ClientSampled :

MDL02

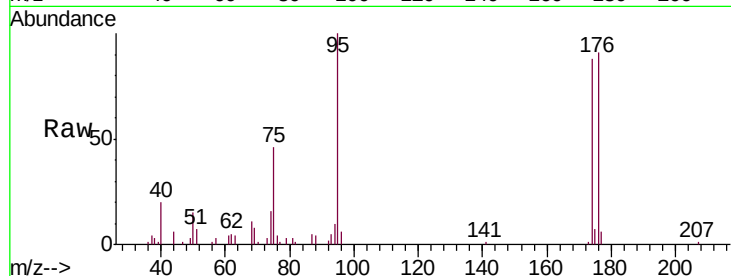
Tgt Ion: 95 Resp: 19580

Ion Ratio Lower Upper

95 100

174 89.8 76.5 114.7

176 91.1 74.2 111.2



Abundance Ion 95.00 (94.70 to 95.70): VU029839.D (-2555) (-)

Ion 174.00 (173.70 to 174.70): VU029839.D (-2555) (-)

Ion 176.00 (175.70 to 176.70): VU029839.D (-2555) (-)

10.31

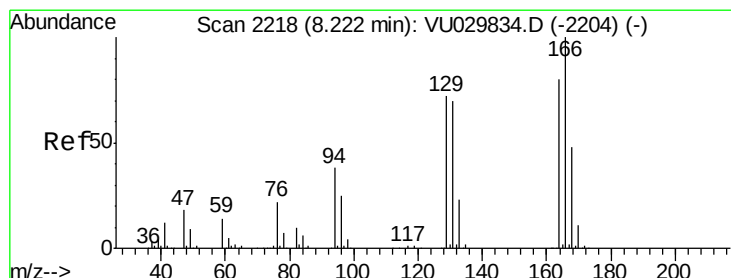
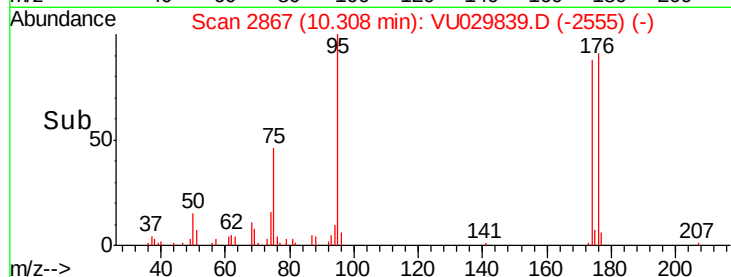
10000

5000

0

Time-->

10.25 10.30 10.35



#58

Tetrachloroethene

Concen: 0.259 ug/l

RT: 8.22 min Scan# 2219

Delta R.T. 0.00 min

Lab File: VU029839.D

Acq: 06 Mar 2019 14:42

Tgt Ion: 164 Resp: 5139

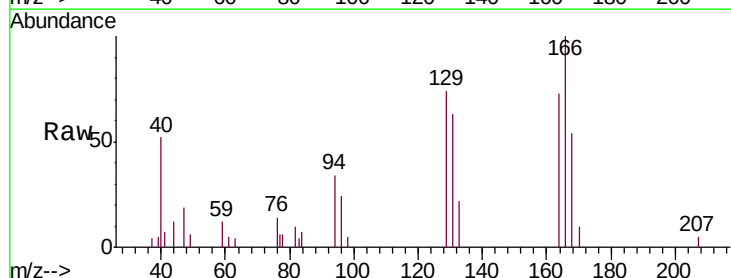
Ion Ratio Lower Upper

164 100

166 137.7 100.5 150.7

129 101.2 72.3 108.5

131 87.2 70.0 105.0



Abundance Ion 163.85 (163.55 to 164.55): VU029839.D (-2063) (-)

Ion 165.80 (165.50 to 166.50): VU029839.D (-2063) (-)

Ion 128.90 (128.60 to 129.60): VU029839.D (-2063) (-)

Ion 130.90 (130.60 to 131.60): VU029839.D (-2063) (-)

8.22

6000

5000

4000

3000

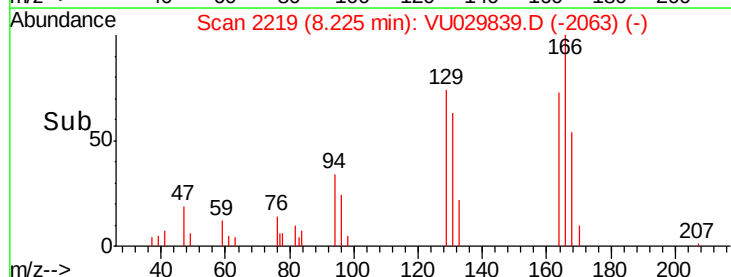
2000

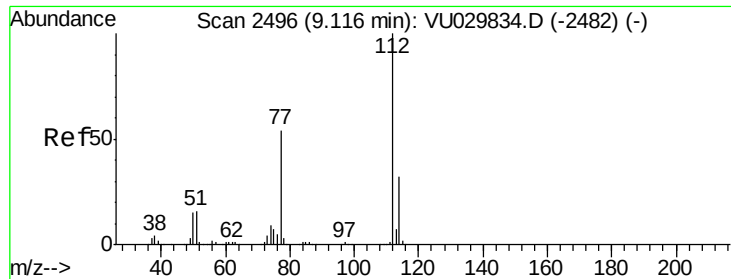
1000

0

Time-->

8.20 8.25





#59

Chlorobenzene

Concen: 0.235 ug/l

RT: 9.12 min Scan# 2497

Delta R.T. 0.00 min

Lab File: VU029839.D

Acq: 06 Mar 2019 14:42

Instrument :

MSVOA_U

ClientSampleId :

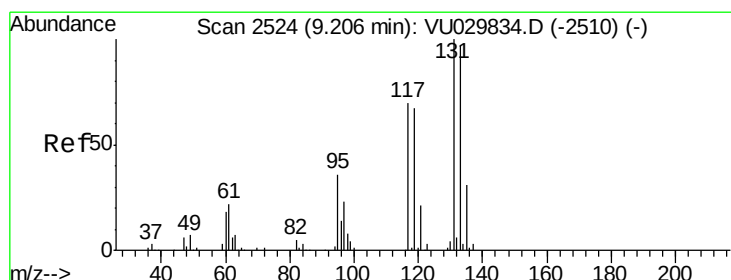
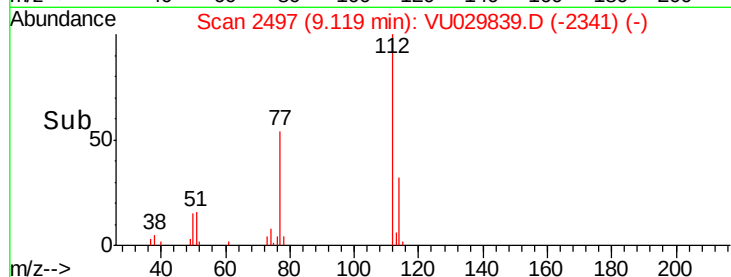
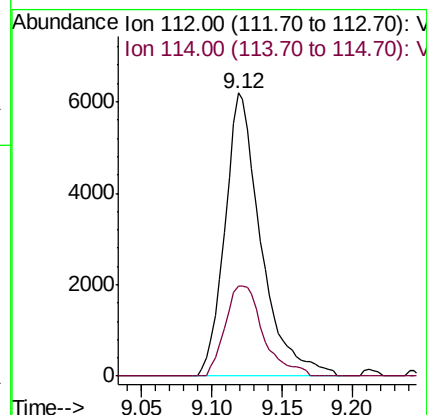
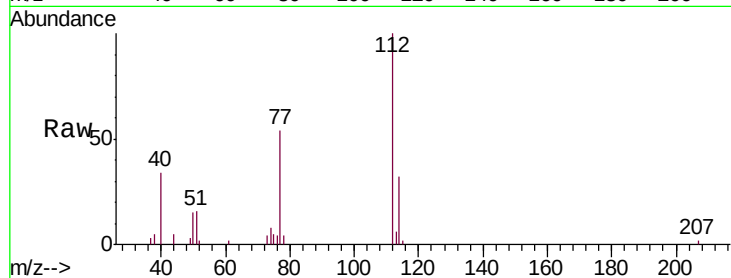
MDL02

Tgt Ion:112 Resp: 11041

Ion Ratio Lower Upper

112 100

114 31.7 25.4 38.2



#60

1,1,1,2-Tetrachloroethane

Concen: 0.227 ug/l

RT: 9.21 min Scan# 2524

Delta R.T. -0.00 min

Lab File: VU029839.D

Acq: 06 Mar 2019 14:42

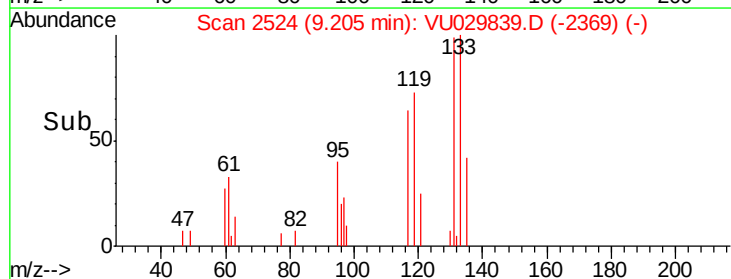
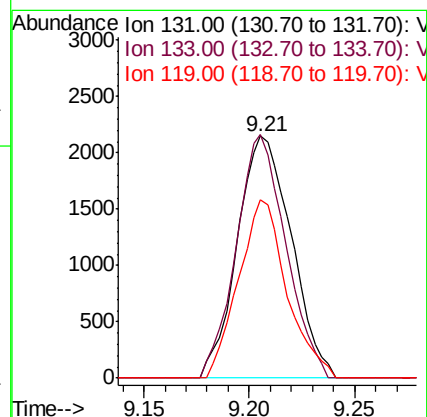
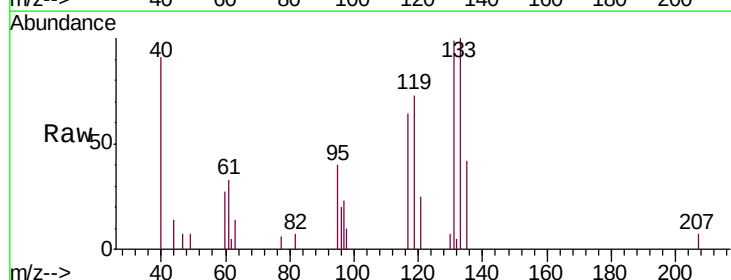
Tgt Ion:131 Resp: 3823

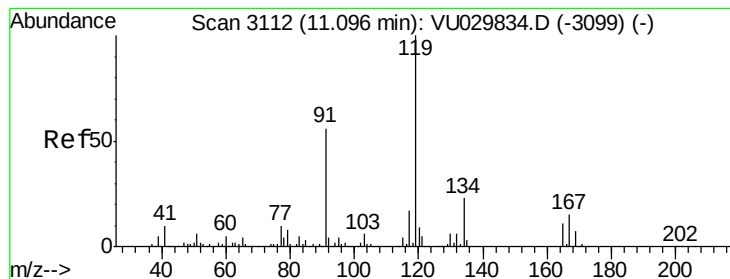
Ion Ratio Lower Upper

131 100

133 92.4 76.4 114.6

119 65.8 54.2 81.4





#61

Pentachloroethane

Concen: 0.228 ug/l

RT: 11.10 min Scan# 3113

Delta R.T. 0.00 min

Lab File: VU029839.D

Acq: 06 Mar 2019 14:42

Instrument :

MSVOA_U

ClientSampleId :

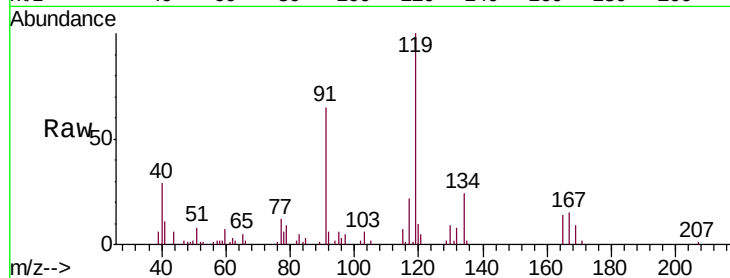
MDL02

Tgt Ion:117 Resp: 2672

Ion Ratio Lower Upper

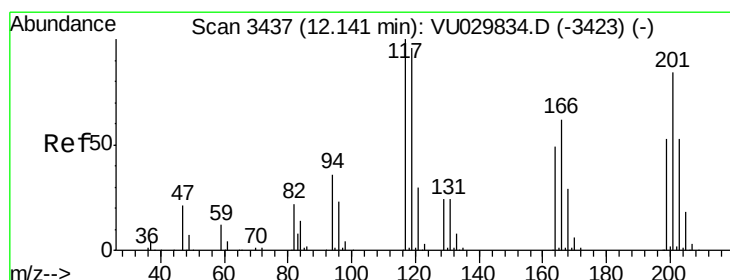
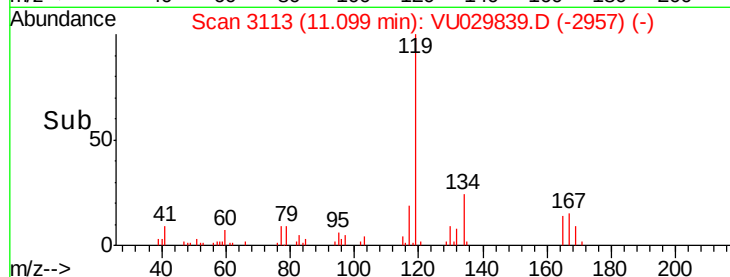
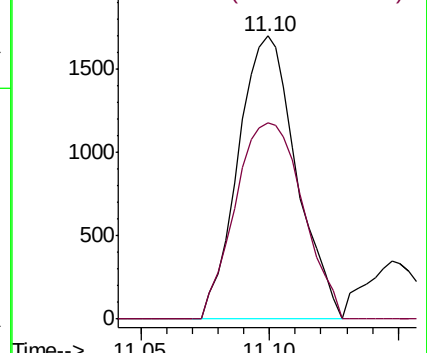
117 100

167 80.5 71.4 107.2



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 166.70 (166.40 to 167.40): V



#62

Hexachloroethane

Concen: 0.206 ug/l

RT: 12.14 min Scan# 3437

Delta R.T. -0.00 min

Lab File: VU029839.D

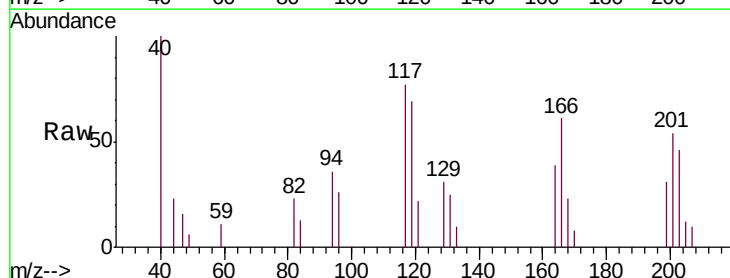
Acq: 06 Mar 2019 14:42

Tgt Ion:117 Resp: 2537

Ion Ratio Lower Upper

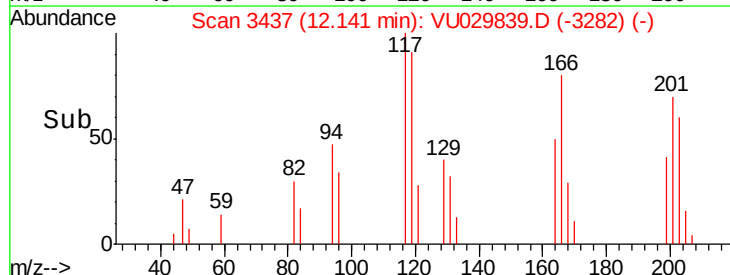
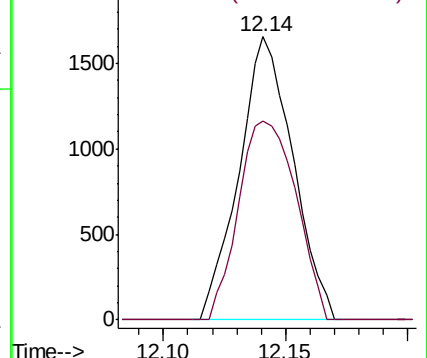
117 100

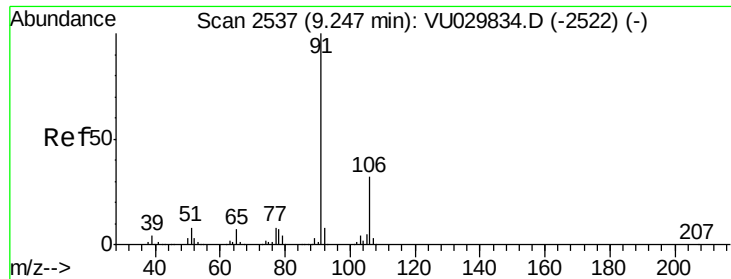
201 75.2 68.2 102.2



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.60 (200.30 to 201.30): V

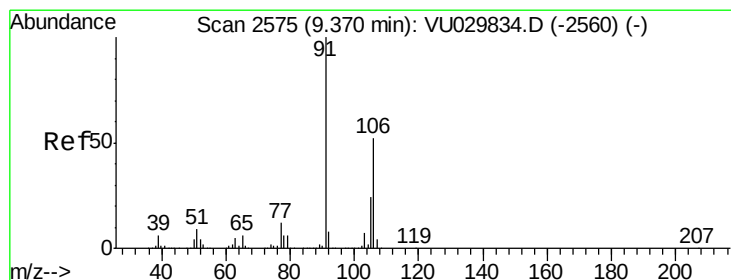
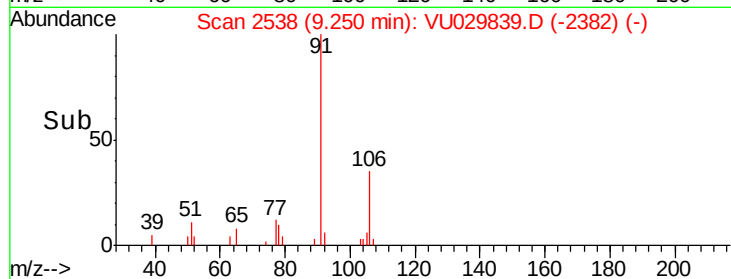
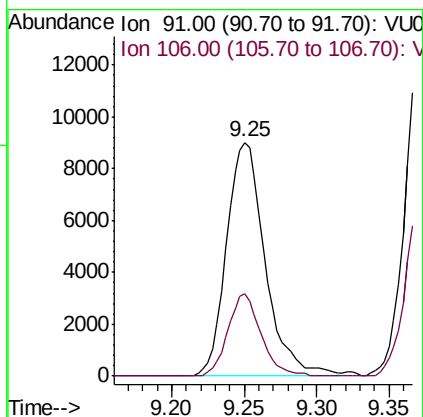
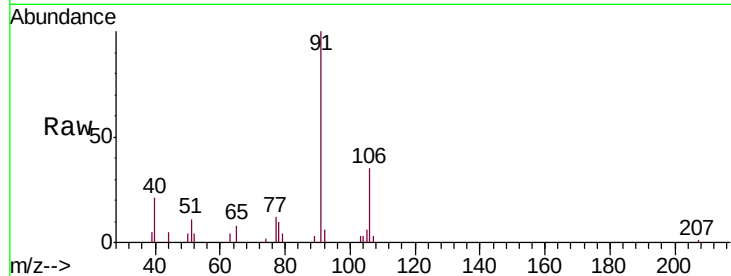




#63
Ethyl Benzene
Concen: 0.217 ug/l
RT: 9.25 min Scan# 2538
Delta R.T. 0.00 min
Lab File: VU029839.D
Acq: 06 Mar 2019 14:42

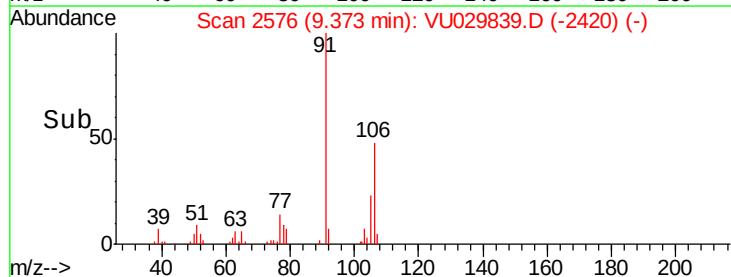
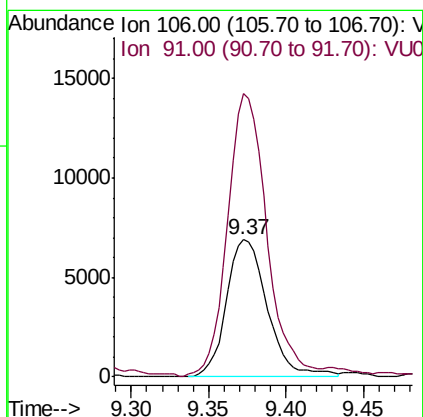
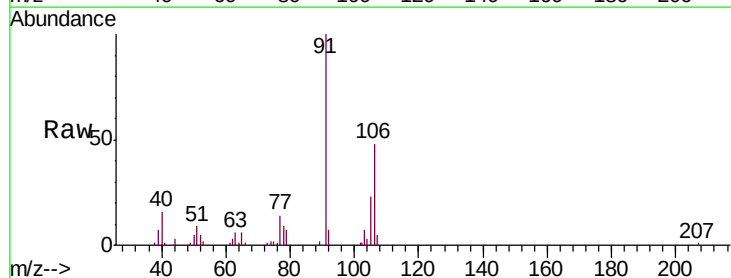
Instrument :
MSVOA_U
ClientSampleId :
MDL02

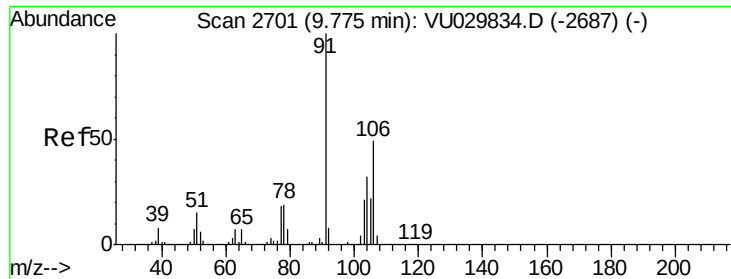
Tgt Ion: 91 Resp: 16667
Ion Ratio Lower Upper
91 100
106 35.1 25.7 38.5



#64
m/p-Xylenes
Concen: 0.418 ug/l
RT: 9.37 min Scan# 2576
Delta R.T. 0.00 min
Lab File: VU029839.D
Acq: 06 Mar 2019 14:42

Tgt Ion: 106 Resp: 12712
Ion Ratio Lower Upper
106 100
91 197.2 155.3 232.9





#65

o-Xylene

Concen: 0.221 ug/l

RT: 9.78 min Scan# 2702

Delta R.T. 0.00 min

Lab File: VU029839.D

Acq: 06 Mar 2019 14:42

Instrument :

MSVOA_U

ClientSampleId :

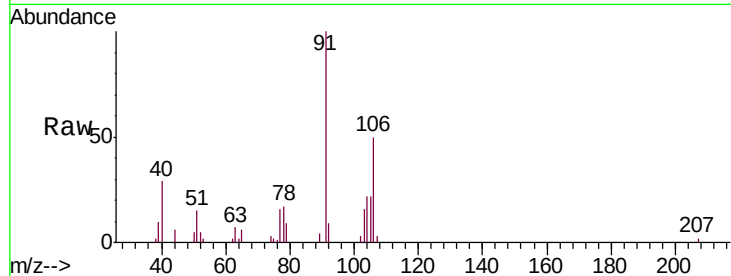
MDL02

Tgt Ion:106 Resp: 6446

Ion Ratio Lower Upper

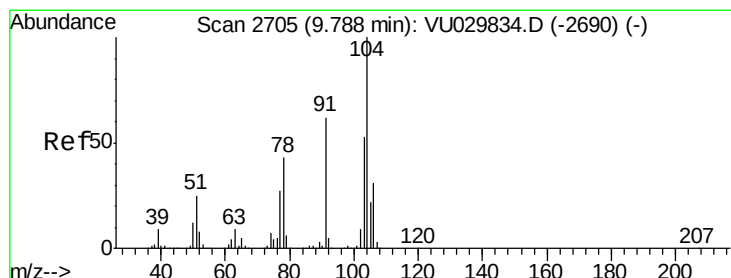
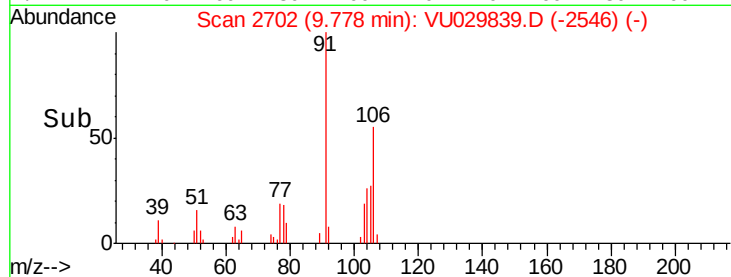
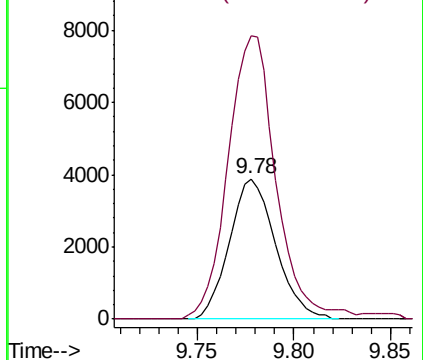
106 100

91 209.7 102.8 308.3



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VU0



#66

Styrene

Concen: 0.195 ug/l

RT: 9.79 min Scan# 2707

Delta R.T. 0.01 min

Lab File: VU029839.D

Acq: 06 Mar 2019 14:42

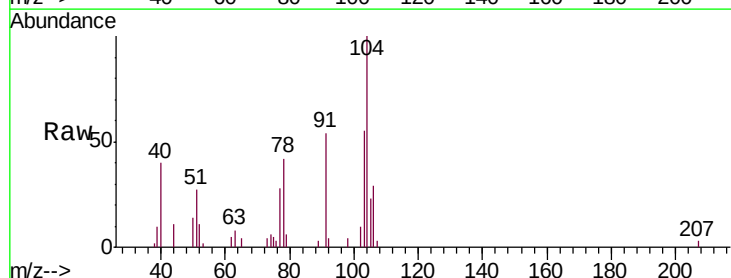
Tgt Ion:104 Resp: 9452

Ion Ratio Lower Upper

104 100

78 46.4 37.2 55.8

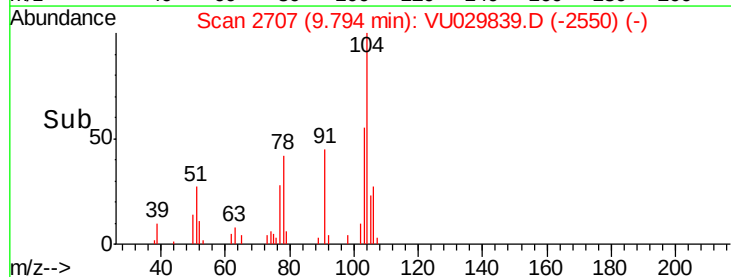
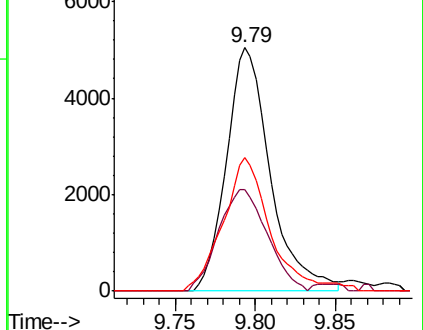
103 57.7 44.7 67.1

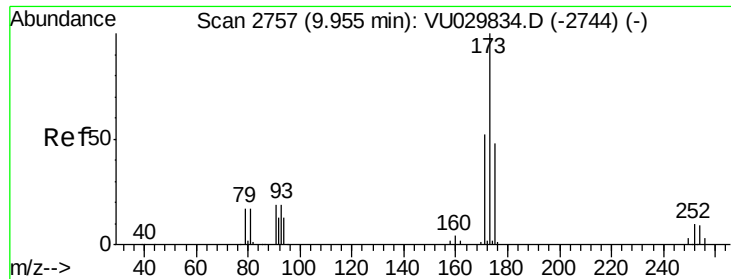


Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VU0

Ion 103.00 (102.70 to 103.70): V





#67

Bromoform

Concen: 0.213 ug/l

RT: 9.96 min Scan# 2759

Delta R.T. 0.01 min

Lab File: VU029839.D

Acq: 06 Mar 2019 14:42

Instrument :

MSVOA_U

ClientSampleId :

MDL02

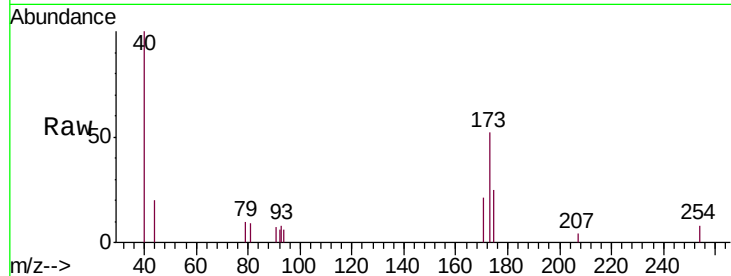
Tgt Ion:173 Resp: 1922

Ion Ratio Lower Upper

173 100

175 45.7 38.6 57.8

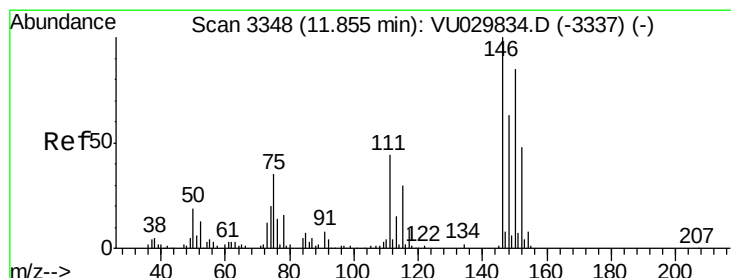
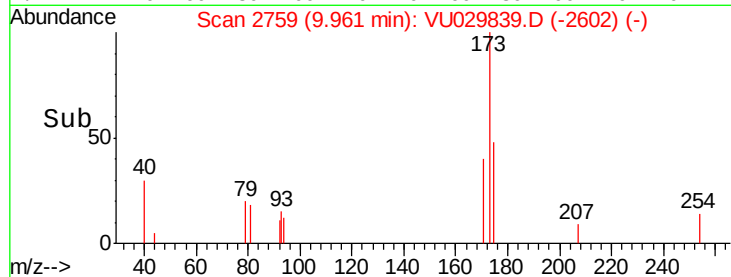
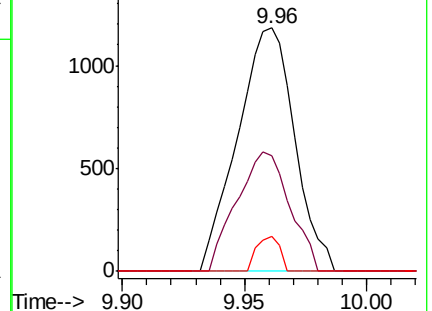
254 5.7 7.4 11.2#



Abundance Ion 172.90 (172.60 to 173.60): V

Ion 174.90 (174.60 to 175.60): V

Ion 253.75 (253.45 to 254.45): V



#68

1,2-Dichlorobenzene-d4

Concen: 0.213 ug/l

RT: 11.86 min Scan# 3350

Delta R.T. 0.01 min

Lab File: VU029839.D

Acq: 06 Mar 2019 14:42

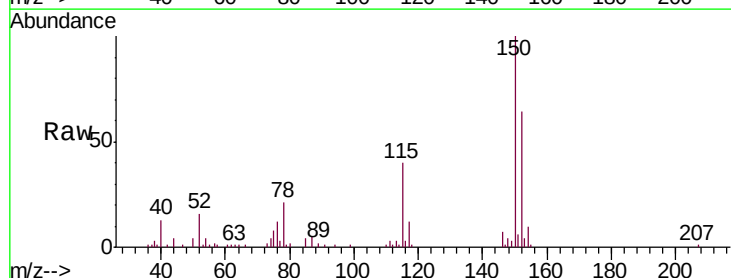
Tgt Ion:152 Resp: 22305

Ion Ratio Lower Upper

152 100

115 62.2 0.0 124.0

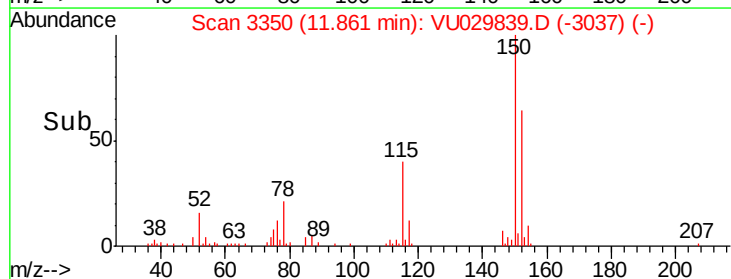
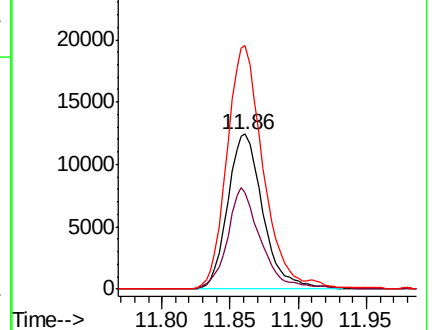
150 162.0 0.0 631.2

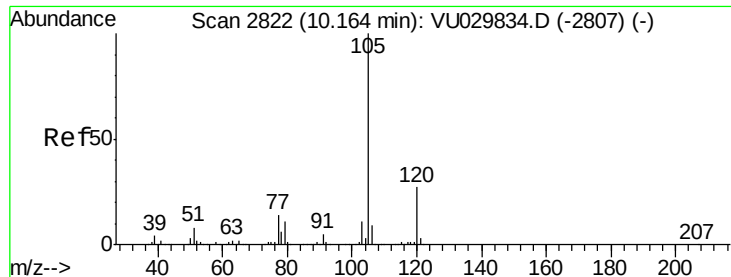


Abundance Ion 152.00 (151.70 to 152.70): V

Ion 115.00 (114.70 to 115.70): V

Ion 150.00 (149.70 to 150.70): V





#69

Isopropylbenzene

Concen: 0.220 ug/l

RT: 10.17 min Scan# 2823

Delta R.T. 0.00 min

Lab File: VU029839.D

Acq: 06 Mar 2019 14:42

Instrument :

MSVOA_U

ClientSampleId :

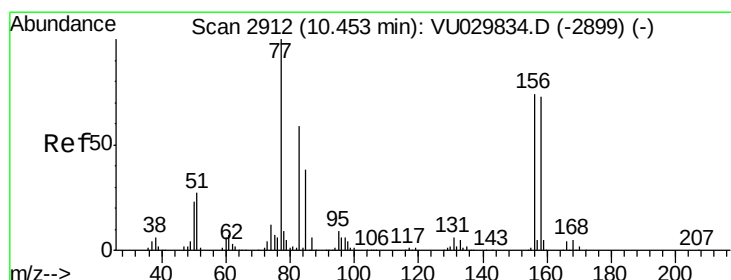
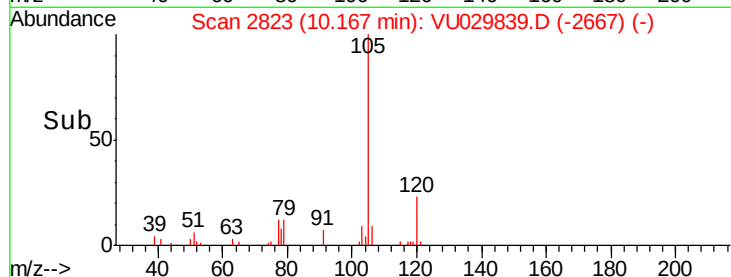
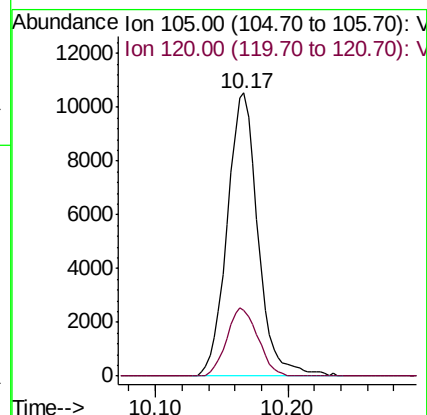
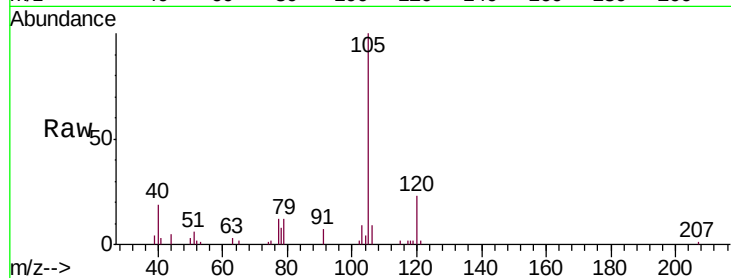
MDL02

Tgt Ion:105 Resp: 17009

Ion Ratio Lower Upper

105 100

120 24.1 13.5 40.5



#70

1,1,2,2-Tetrachloroethane

Concen: 0.239 ug/l

RT: 10.46 min Scan# 2913

Delta R.T. 0.00 min

Lab File: VU029839.D

Acq: 06 Mar 2019 14:42

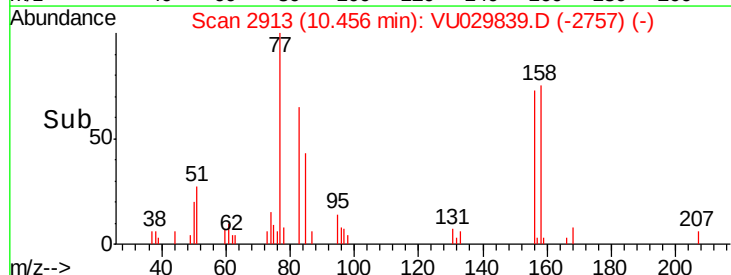
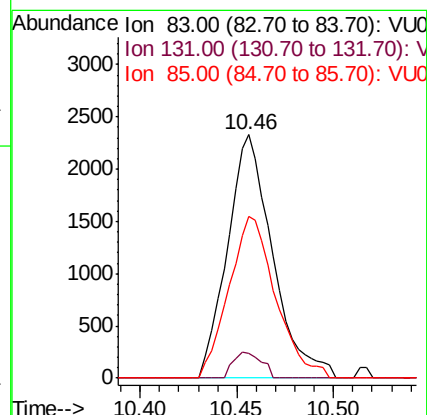
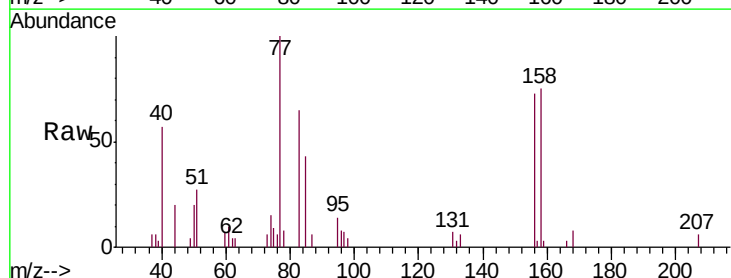
Tgt Ion: 83 Resp: 3772

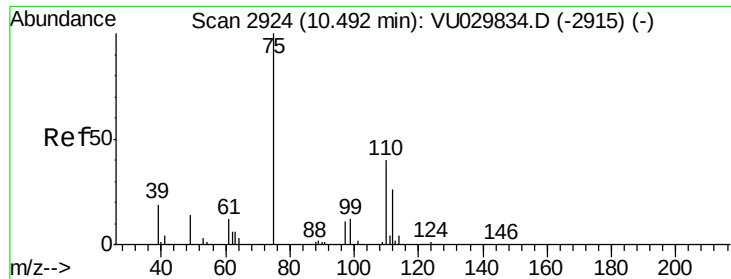
Ion Ratio Lower Upper

83 100

131 6.7 8.3 12.5#

85 68.9 52.5 78.7





#71

1,2,3-Trichloropropane

Concen: 0.208 ug/l

RT: 10.49 min Scan# 2925

Delta R.T. 0.00 min

Lab File: VU029839.D

Acq: 06 Mar 2019 14:42

Instrument :

MSVOA_U

ClientSampleId :

MDL02

Tgt Ion: 75 Resp: 2436

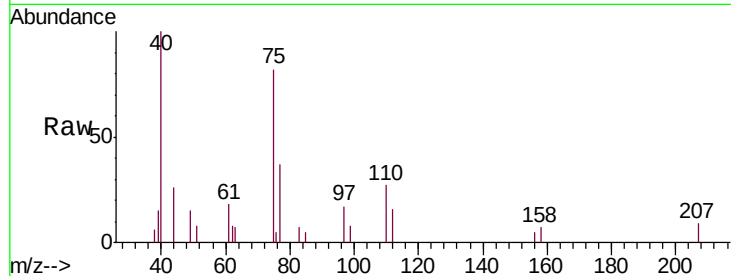
Ion Ratio Lower Upper

75 100

77 0.0 0.0 16.4

110 39.5 0.0 74.8

97 18.6 0.0 39.4

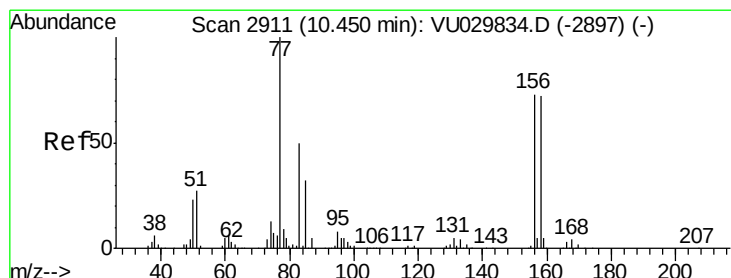
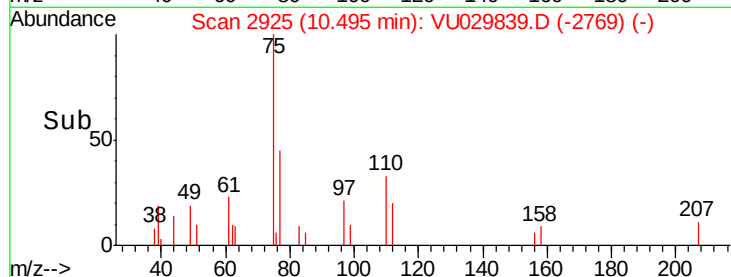
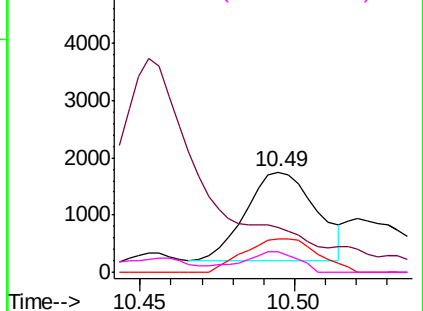


Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

Ion 110.00 (109.70 to 110.70): V

Ion 97.00 (96.70 to 97.70): VU0



#72

Bromobenzene

Concen: 0.239 ug/l

RT: 10.45 min Scan# 2912

Delta R.T. 0.00 min

Lab File: VU029839.D

Acq: 06 Mar 2019 14:42

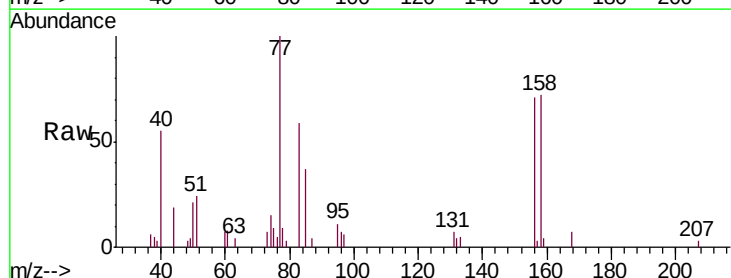
Tgt Ion: 156 Resp: 4896

Ion Ratio Lower Upper

156 100

77 153.8 0.0 282.2

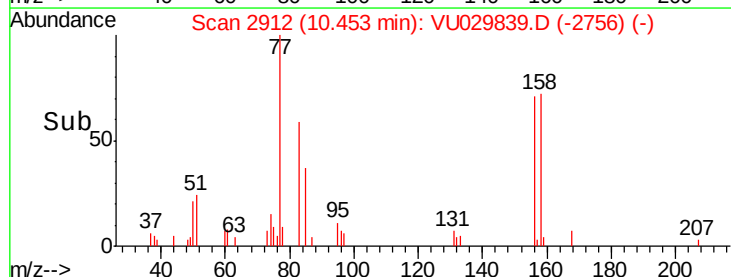
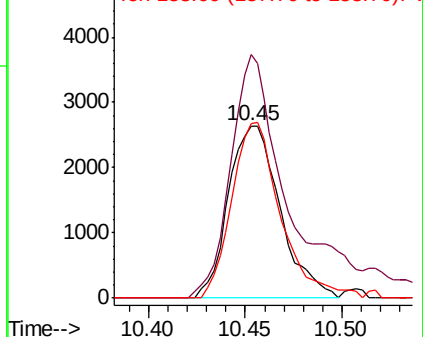
158 96.7 0.0 196.2

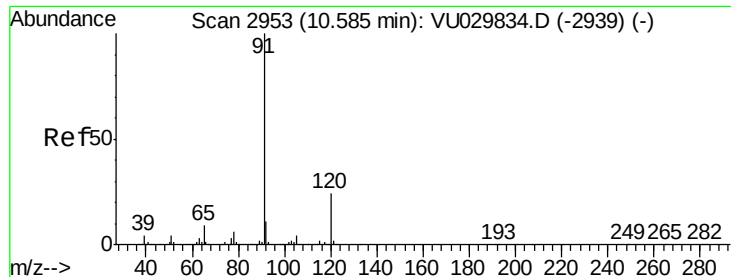


Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VU0

Ion 158.00 (157.70 to 158.70): V

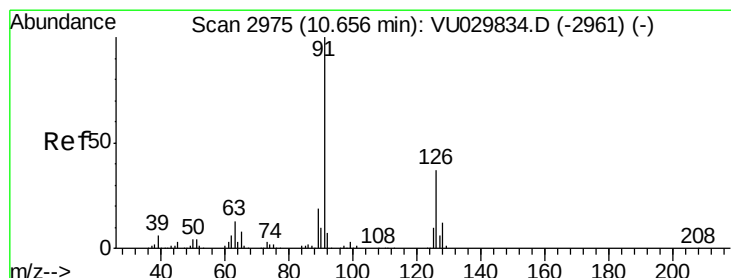
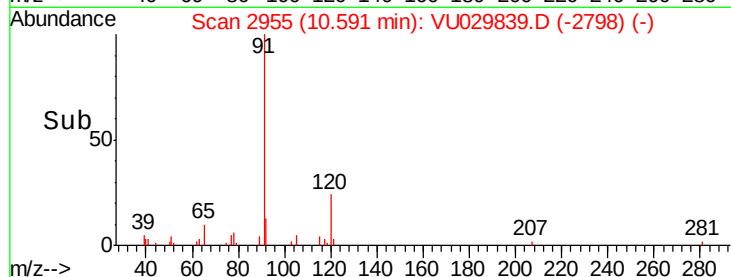
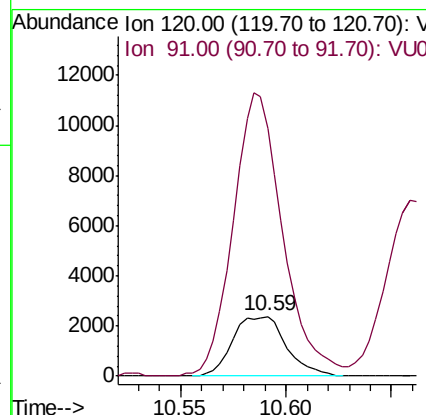
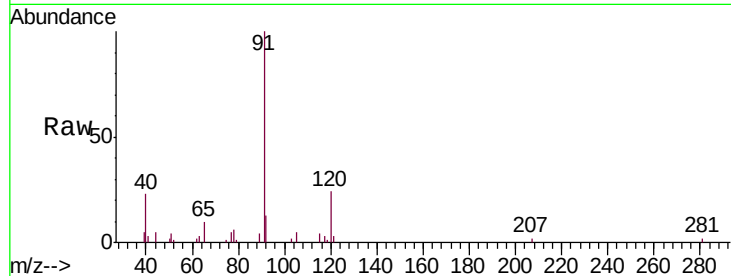




#73
n-propylbenzene
Concen: 0.192 ug/l
RT: 10.59 min Scan# 2955
Delta R.T. 0.01 min
Lab File: VU029839.D
Acq: 06 Mar 2019 14:42

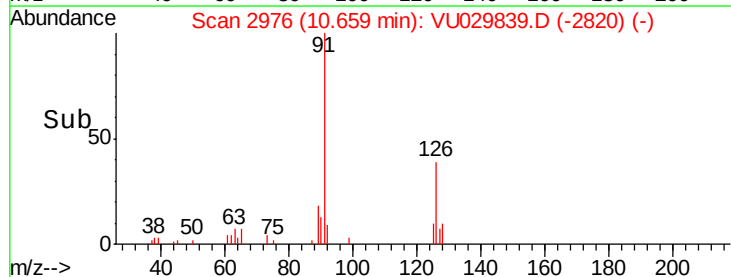
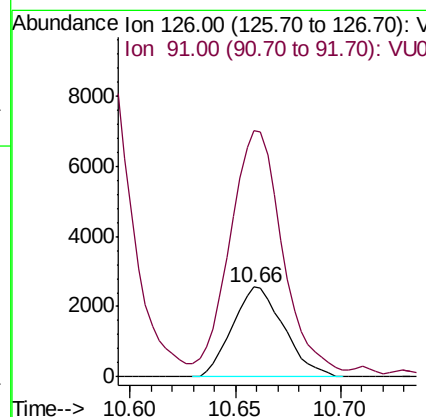
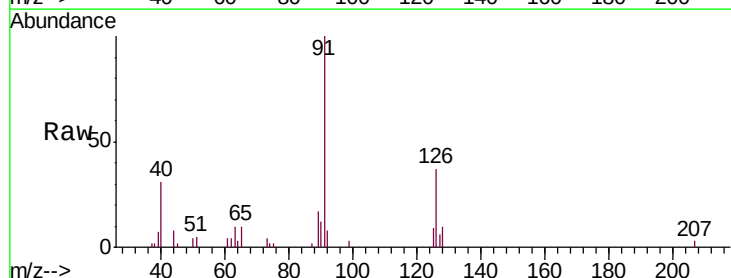
Instrument :
MSVOA_U
ClientSampleId :
MDL02

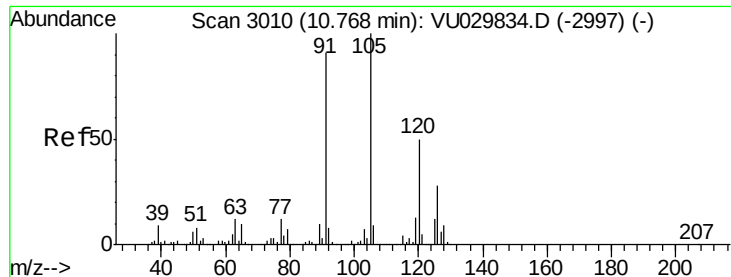
Tgt Ion:120 Resp: 4171
Ion Ratio Lower Upper
120 100
91 442.6 333.4 500.2



#74
2-Chlorotoluene
Concen: 0.223 ug/l
RT: 10.66 min Scan# 2976
Delta R.T. 0.00 min
Lab File: VU029839.D
Acq: 06 Mar 2019 14:42

Tgt Ion:126 Resp: 4313
Ion Ratio Lower Upper
126 100
91 270.4 0.0 569.0





#75

1,3,5-Trimethylbenzene

Concen: 0.203 ug/l

RT: 10.77 min Scan# 3011

Delta R.T. 0.00 min

Lab File: VU029839.D

Acq: 06 Mar 2019 14:42

Instrument :

MSVOA_U

ClientSampleId :

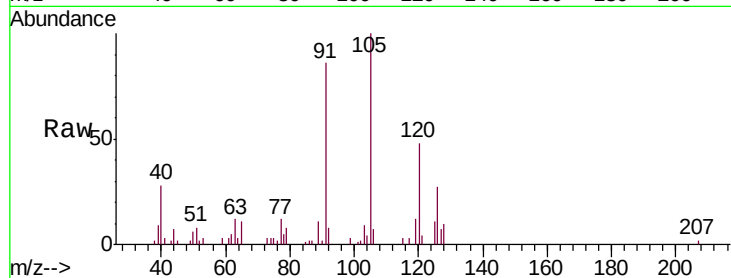
MDL02

Tgt Ion:105 Resp: 13242

Ion Ratio Lower Upper

105 100

120 46.0 40.0 60.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

10.77

8000

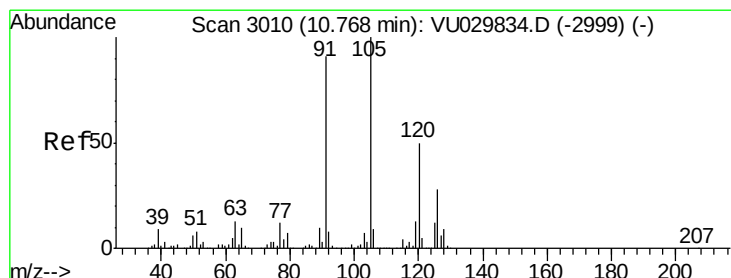
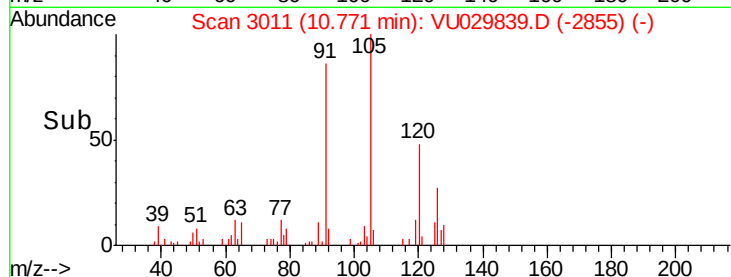
6000

4000

2000

0

Time-->



#76

4-Chlorotoluene

Concen: 0.215 ug/l

RT: 10.78 min Scan# 3013

Delta R.T. 0.01 min

Lab File: VU029839.D

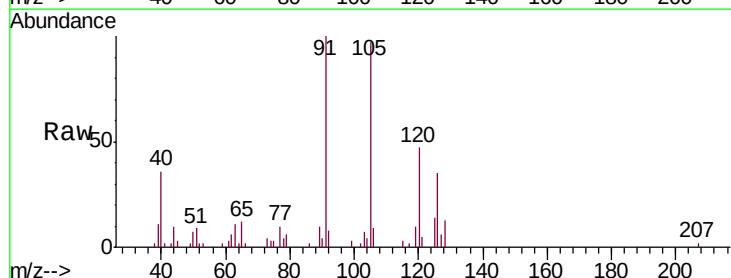
Acq: 06 Mar 2019 14:42

Tgt Ion:126 Resp: 4238

Ion Ratio Lower Upper

126 100

91 312.6 0.0 634.8



Abundance Ion 126.00 (125.70 to 126.70): V

Ion 91.00 (90.70 to 91.70): VU0

8000

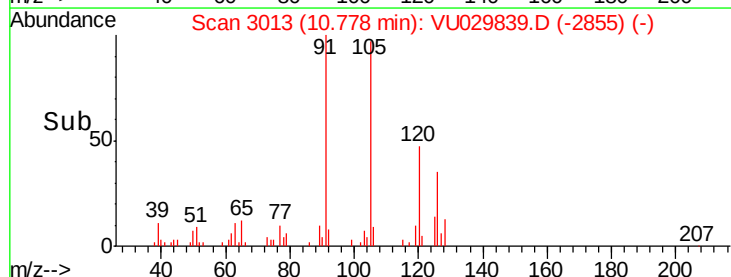
6000

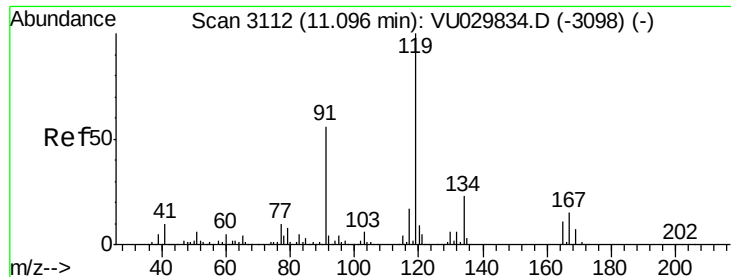
4000

2000

0

Time-->





#77

tert-Butylbenzene

Concen: 0.207 ug/l

RT: 11.10 min Scan# 3112

Delta R.T. -0.00 min

Lab File: VU029839.D

Acq: 06 Mar 2019 14:42

Instrument :

MSVOA_U

ClientSampleId :

MDL02

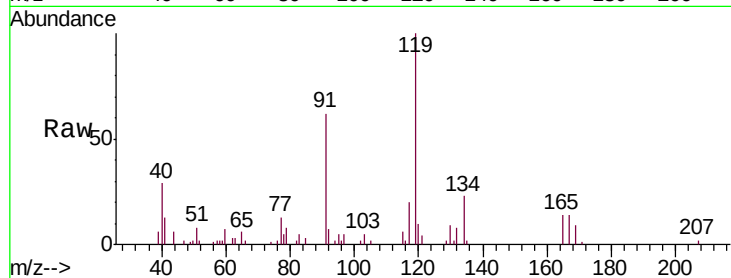
Tgt Ion:119 Resp: 13352

Ion Ratio Lower Upper

119 100

91 61.3 27.7 83.1

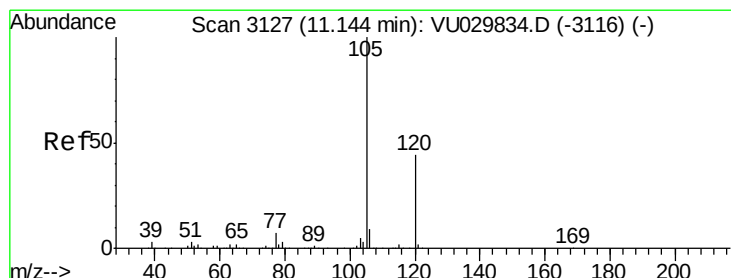
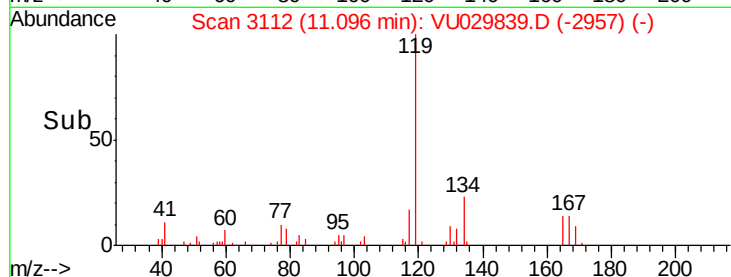
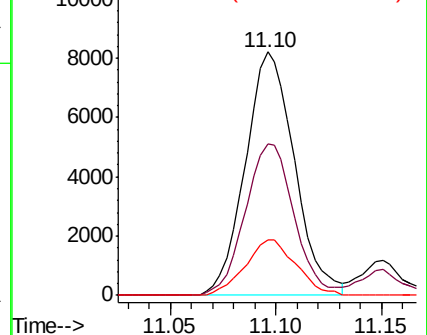
134 23.5 18.7 28.1



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VU0

Ion 134.00 (133.70 to 134.70): V



#78

1,2,4-Trimethylbenzene

Concen: 0.209 ug/l

RT: 11.15 min Scan# 3128

Delta R.T. 0.00 min

Lab File: VU029839.D

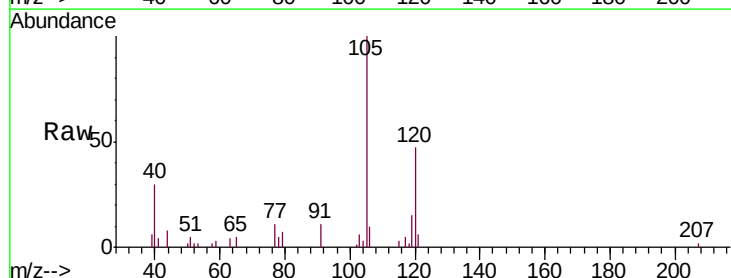
Acq: 06 Mar 2019 14:42

Tgt Ion:105 Resp: 13797

Ion Ratio Lower Upper

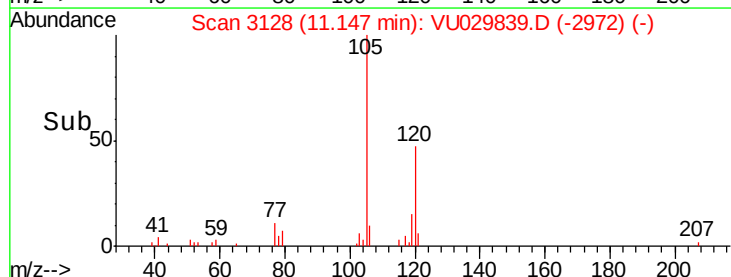
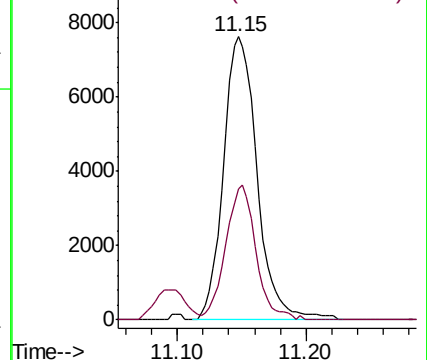
105 100

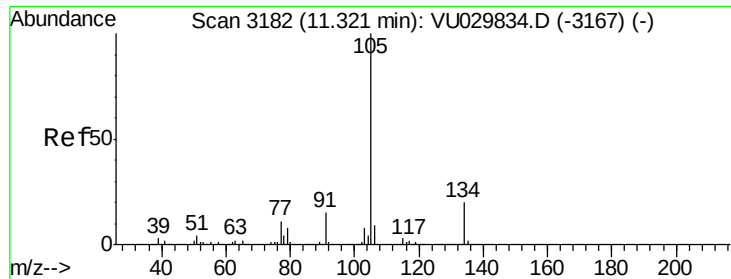
120 42.9 23.5 70.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#79

sec-Butylbenzene

Concen: 0.210 ug/l

RT: 11.32 min Scan# 3182

Delta R.T. -0.00 min

Lab File: VU029839.D

Acq: 06 Mar 2019 14:42

Instrument :

MSVOA_U

ClientSampleId :

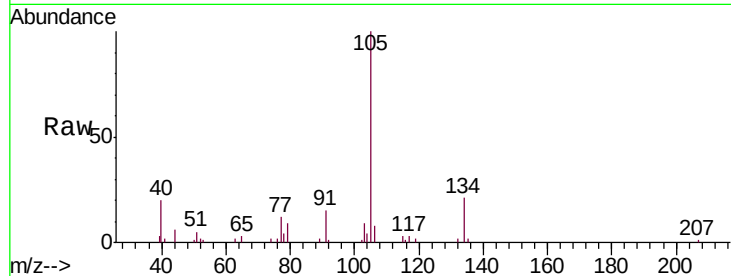
MDL02

Tgt Ion:105 Resp: 17926

Ion Ratio Lower Upper

105 100

134 19.8 16.3 24.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

12000

10000

8000

6000

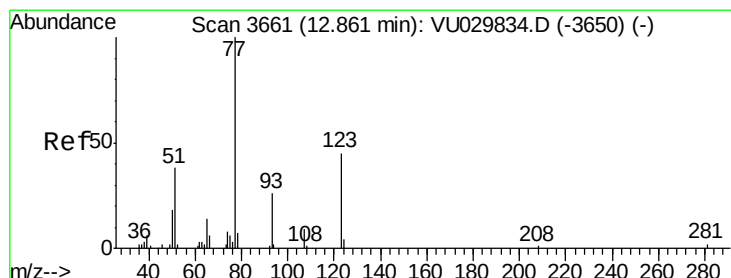
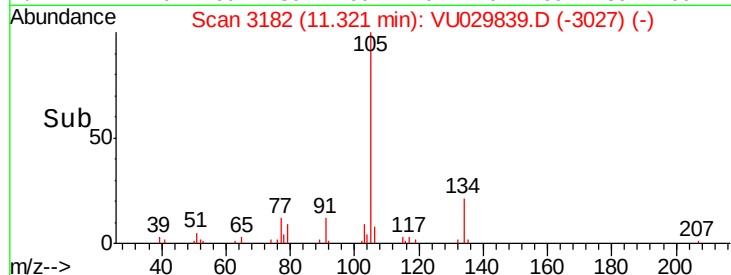
4000

2000

0

11.25 11.30 11.35 11.40

Time-->



#80

Nitrobenzene

Concen: 0.329 ug/l

RT: 12.65 min Scan# 3596

Delta R.T. -0.21 min

Lab File: VU029839.D

Acq: 06 Mar 2019 14:42

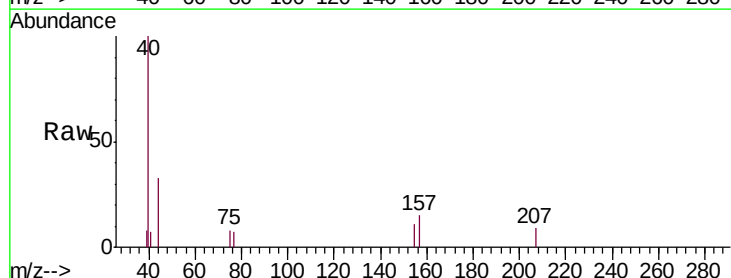
Tgt Ion: 77 Resp: 94

Ion Ratio Lower Upper

77 100

123 0.0 20.2 71.4#

65 0.0 14.0 17.8#



Abundance Ion 77.00 (76.70 to 77.70): VU0

Ion 123.00 (122.70 to 123.70): V

Ion 65.00 (64.70 to 65.70): VU0

150

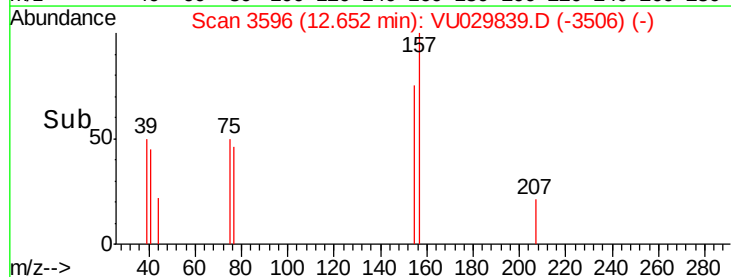
100

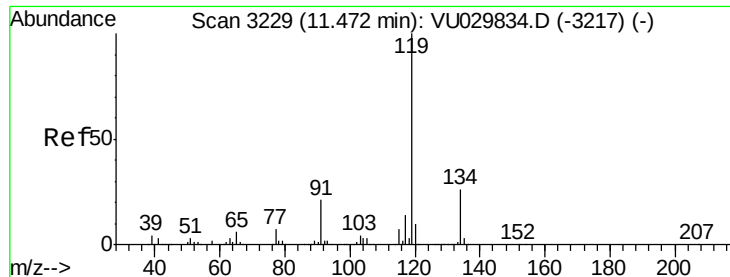
50

0

12.64 12.65 12.66

Time-->

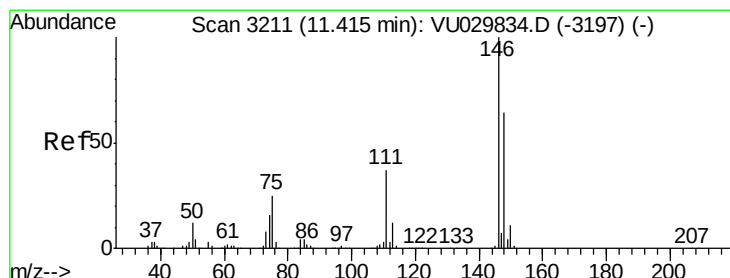
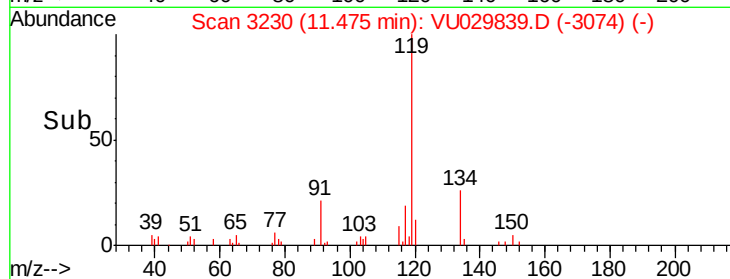
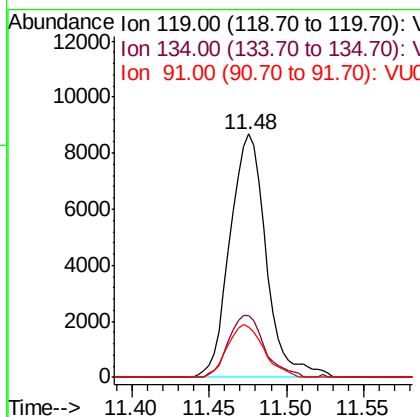
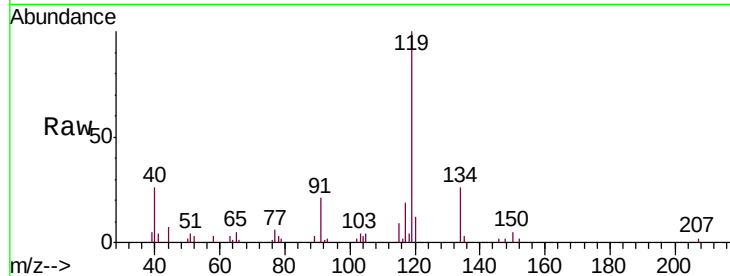




#81
p-Isopropyltoluene
Concen: 0.196 ug/l
RT: 11.48 min Scan# 3230
Delta R.T. 0.00 min
Lab File: VU029839.D
Acq: 06 Mar 2019 14:42

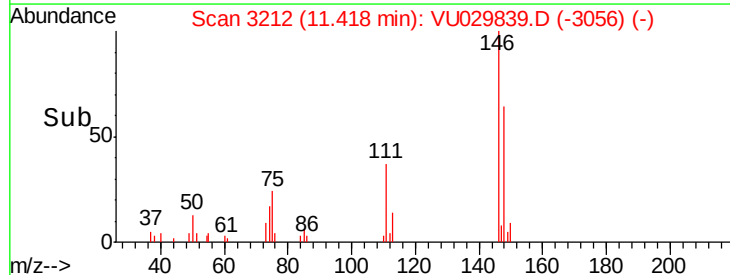
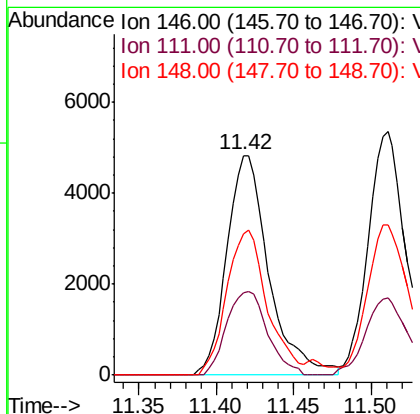
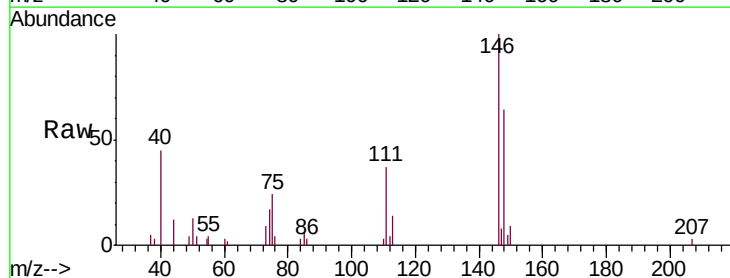
Instrument :
MSVOA_U
ClientSampleId :
MDL02

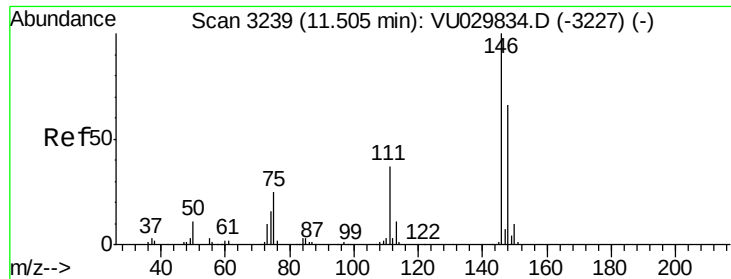
Tgt Ion:119 Resp: 14070
Ion Ratio Lower Upper
119 100
134 25.5 21.2 31.8
91 21.7 17.2 25.8



#82
1,3-Dichlorobenzene
Concen: 0.223 ug/l
RT: 11.42 min Scan# 3212
Delta R.T. 0.00 min
Lab File: VU029839.D
Acq: 06 Mar 2019 14:42

Tgt Ion:146 Resp: 9066
Ion Ratio Lower Upper
146 100
111 37.0 30.2 45.4
148 63.8 51.2 76.8

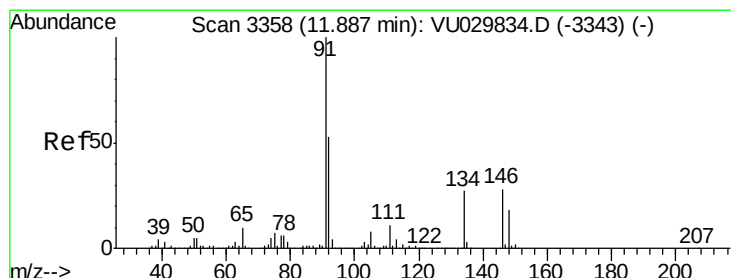
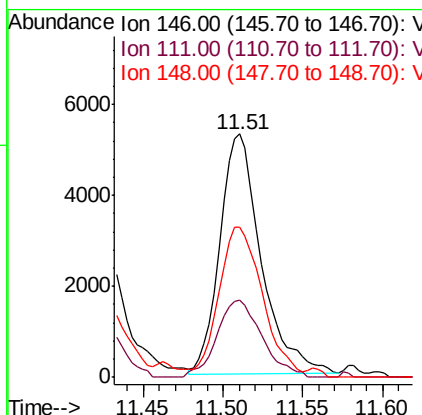
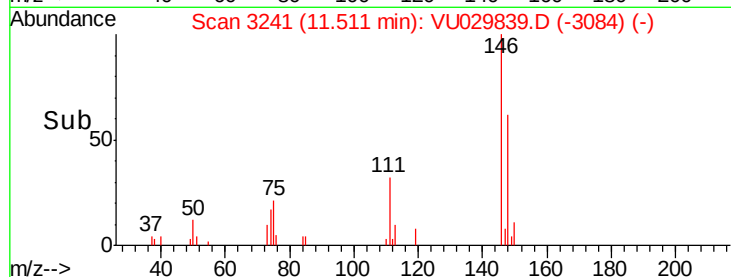
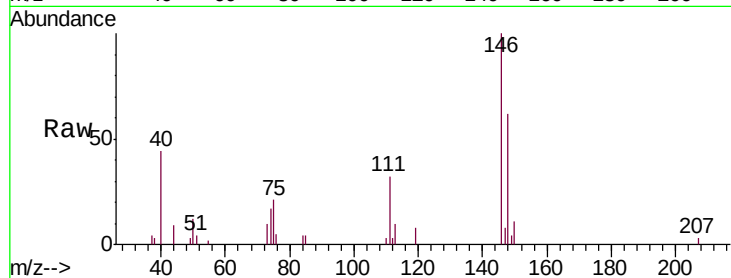




#83
 1,4-Dichlorobenzene
 Concen: 0.236 ug/l
 RT: 11.51 min Scan# 3241
 Delta R.T. 0.01 min
 Lab File: VU029839.D
 Acq: 06 Mar 2019 14:42

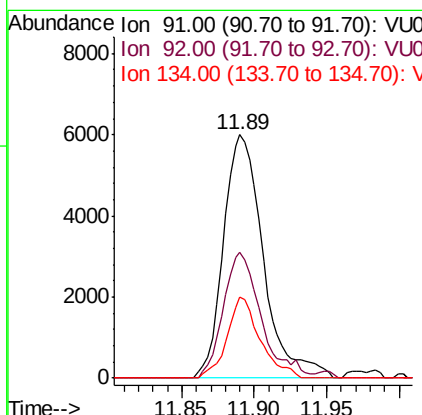
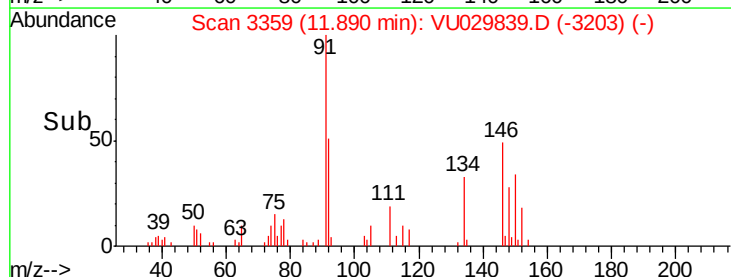
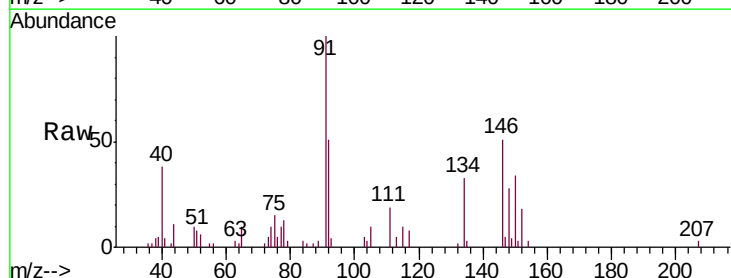
Instrument :
 MSVOA_U
 ClientSampleId :
 MDL02

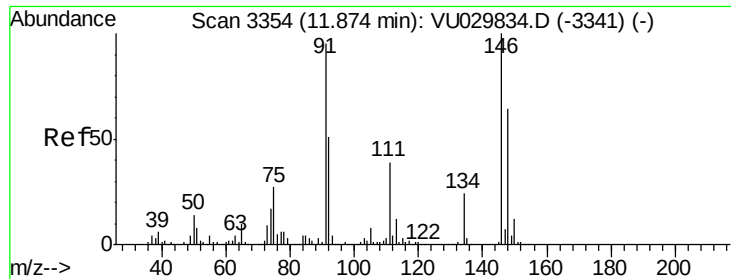
Tgt Ion: 146 Resp: 9373
 Ion Ratio Lower Upper
 146 100
 111 34.8 29.4 44.2
 148 60.4 51.7 77.5



#84
 n-Butylbenzene
 Concen: 0.175 ug/l
 RT: 11.89 min Scan# 3359
 Delta R.T. 0.00 min
 Lab File: VU029839.D
 Acq: 06 Mar 2019 14:42

Tgt Ion: 91 Resp: 11450
 Ion Ratio Lower Upper
 91 100
 92 49.0 42.6 63.8
 134 27.7 21.7 32.5

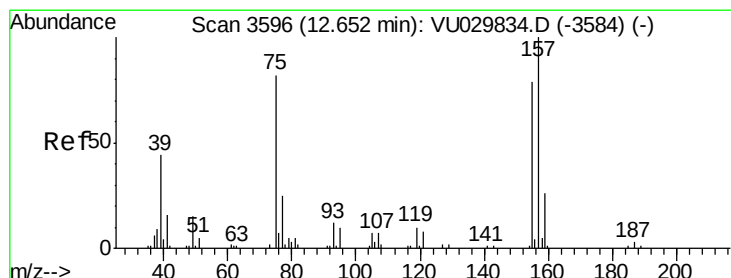
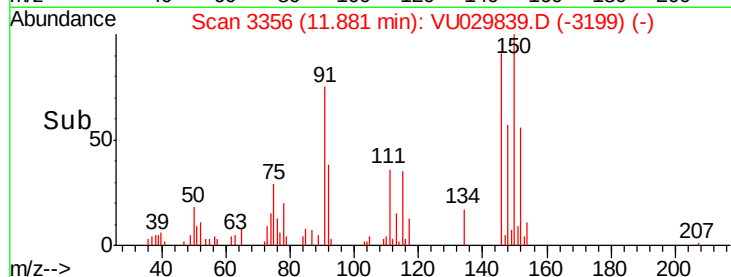
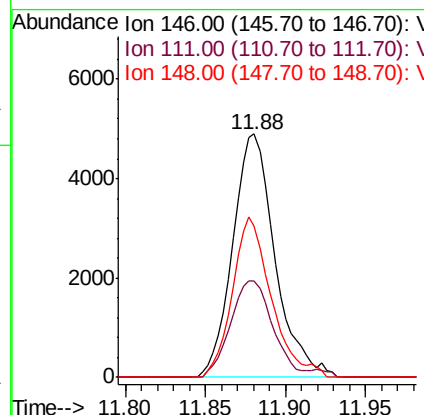
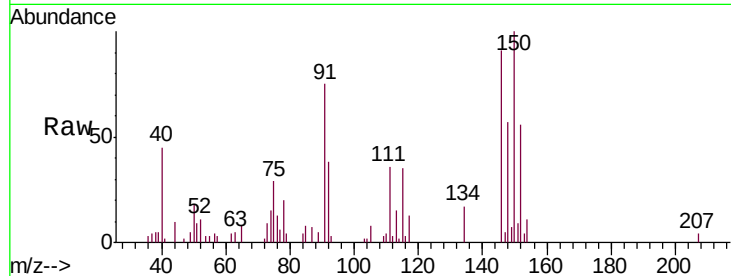




#85
 1,2-Dichlorobenzene
 Concen: 0.230 ug/l
 RT: 11.88 min Scan# 3356
 Delta R.T. 0.01 min
 Lab File: VU029839.D
 Acq: 06 Mar 2019 14:42

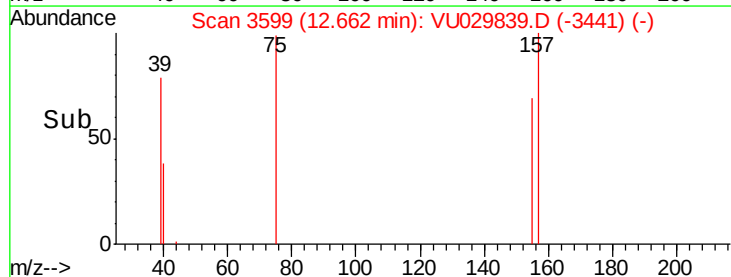
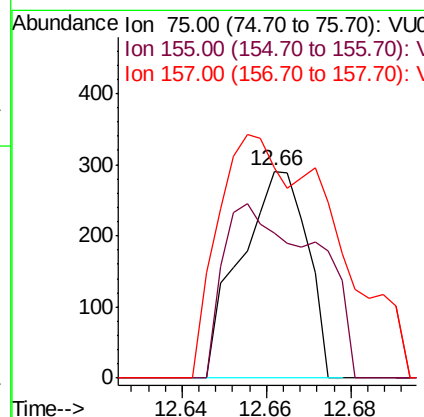
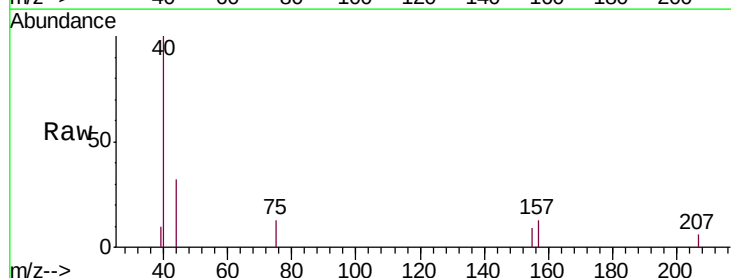
Instrument :
 MSVOA_U
 ClientSampleId :
 MDL02

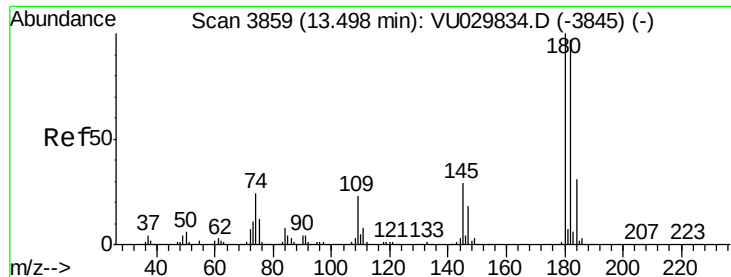
Tgt Ion: 146 Resp: 8818
 Ion Ratio Lower Upper
 146 100
 111 39.6 19.9 59.6
 148 60.7 32.1 96.3



#86
 1,2-Dibromo-3-Chloropropane
 Concen: 0.142 ug/l
 RT: 12.66 min Scan# 3599
 Delta R.T. 0.01 min
 Lab File: VU029839.D
 Acq: 06 Mar 2019 14:42

Tgt Ion: 75 Resp: 319
 Ion Ratio Lower Upper
 75 100
 155 116.9 76.6 114.8#
 157 205.3 96.2 144.2#





#87

1,2,4-Trichlorobenzene

Concen: 0.156 ug/l

RT: 13.51 min Scan# 3862

Delta R.T. 0.01 min

Lab File: VU029839.D

Acq: 06 Mar 2019 14:42

Instrument :

MSVOA_U

ClientSampleId :

MDL02

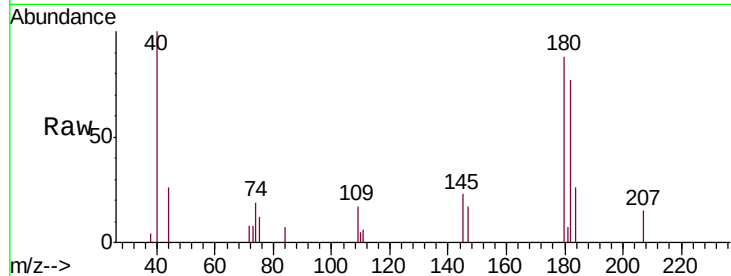
Tgt Ion:180 Resp: 3830

Ion Ratio Lower Upper

180 100

182 104.9 77.5 116.3

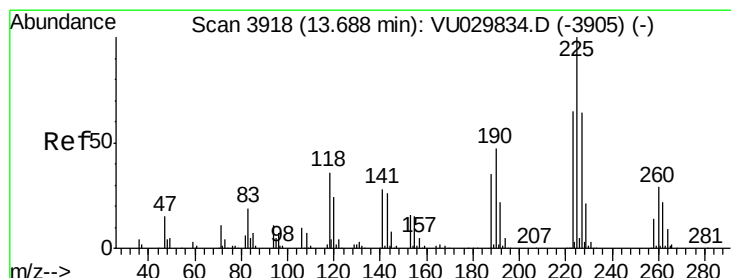
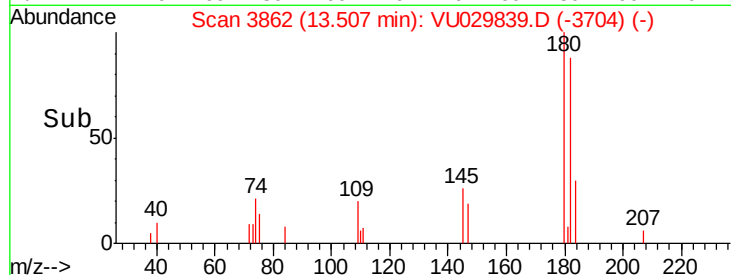
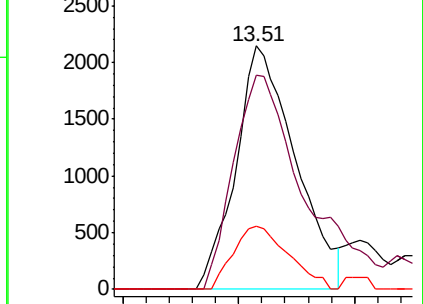
145 23.9 23.6 35.4



Abundance Ion 179.70 (179.40 to 180.40): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#88

Hexachlorobutadiene

Concen: 0.207 ug/l

RT: 13.69 min Scan# 3920

Delta R.T. 0.01 min

Lab File: VU029839.D

Acq: 06 Mar 2019 14:42

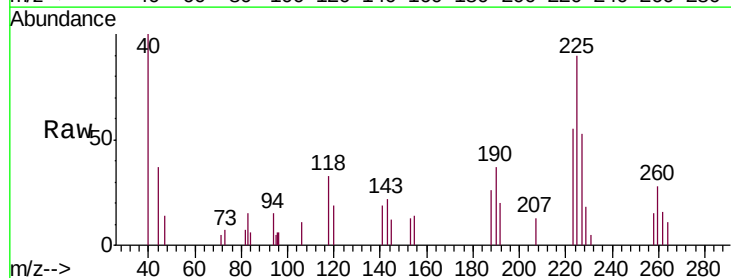
Tgt Ion:225 Resp: 3198

Ion Ratio Lower Upper

225 100

223 57.9 51.2 76.8

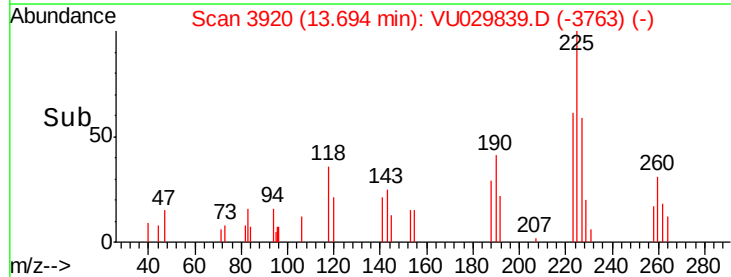
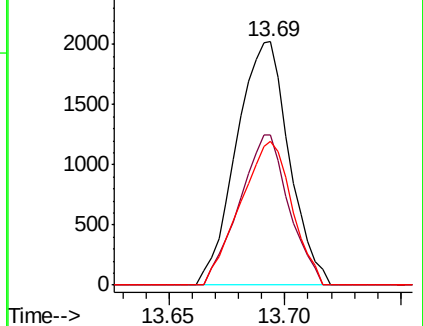
227 57.9 50.9 76.3

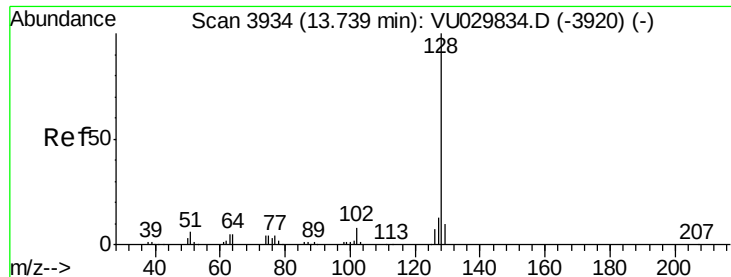


Abundance Ion 224.60 (224.30 to 225.30): V

Ion 222.60 (222.30 to 223.30): V

Ion 226.60 (226.30 to 227.30): V





#89

Naphthalene

Concen: 0.550 ug/l

RT: 13.75 min Scan# 3937

Delta R.T. 0.01 min

Lab File: VU029839.D

Acq: 06 Mar 2019 14:42

Instrument :

MSVOA_U

ClientSampled :

MDL02

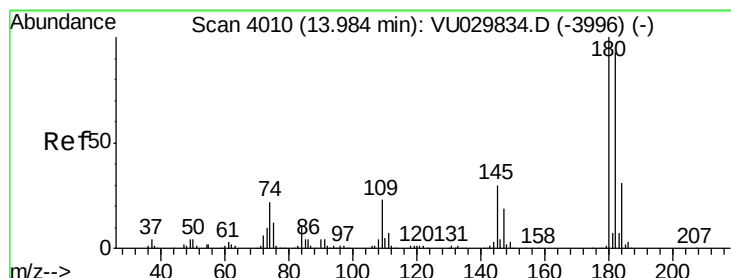
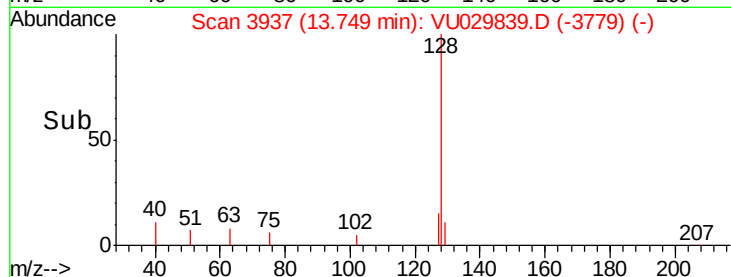
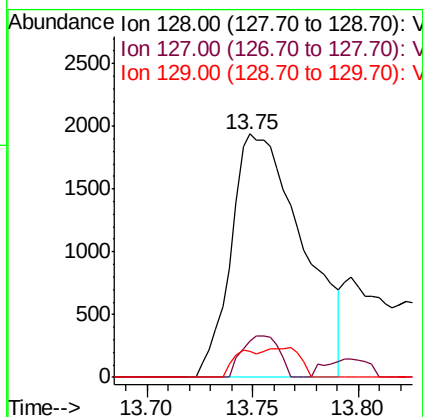
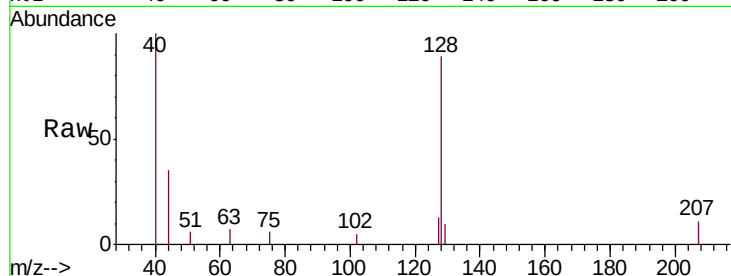
Tgt Ion:128 Resp: 4575

Ion Ratio Lower Upper

128 100

127 8.7 10.2 15.4#

129 3.8 8.2 12.4#



#90

1,2,3-Trichlorobenzene

Concen: 0.013 ug/l

RT: 14.06 min Scan# 4035

Delta R.T. 0.08 min

Lab File: VU029839.D

Acq: 06 Mar 2019 14:42

Tgt Ion:180 Resp: 289

Ion Ratio Lower Upper

180 100

182 75.4 74.8 112.2

145 28.0 24.6 36.8

