

Data File : VU029671.D
Acq On : 26 Feb 2019 09:53
Operator : JC/SP
Sample : VSTDCCC010
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Quant Time: Feb 27 00:20:42 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U020519DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Fri Feb 08 10:52:46 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	5.74	96	62071	1.00	ug/l	0.00

System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.30	95	28285	1.17	ug/l	0.00
Spiked Amount 1.000			Recovery	=	117.00%	
68) 1,2-Dichlorobenzene-d4	11.85	152	29003	1.17	ug/l	0.00
Spiked Amount 1.000			Recovery	=	117.00%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.21	85	220956	9.539 ug/l	100
3) Chloromethane	1.33	50	174119	8.226 ug/l	99
4) Vinyl Chloride	1.40	62	220245	8.875 ug/l	97
5) Bromomethane	1.62	94	119812	8.680 ug/l	95
6) Chloroethane	1.69	64	134003	9.243 ug/l	99
7) Trichlorofluoromethane	1.88	101	315089	9.093 ug/l	97
8) 1,1,2-Trichloro-1,2,2-trif	2.29	101	182861	9.994 ug/l	89
9) 1,1-Dichloroethene	2.28	96	176369	9.849 ug/l	65
10) Iodomethane	2.41	142	142253	5.449 ug/l #	75
11) Allyl Chloride	2.59	41	242612	8.080 ug/l #	81
12) Acrylonitrile	2.93	53	75889	18.909 ug/l	98
13) Acetone	2.32	43	169923	43.932 ug/l #	77
14) Carbon Disulfide	2.47	76	577594	9.136 ug/l	100
15) Methylene Chloride	2.70	84	199421	9.185 ug/l #	73
16) trans-1,2-Dichloroethene	2.98	96	198322	9.904 ug/l #	74
17) 1,1-Dichloroethane	3.44	63	339454	10.698 ug/l	96
18) 2-Butanone	4.27	43	234090	54.151 ug/l	99
19) Cyclohexane	4.98	56	228435	7.764 ug/l	84
20) Methylcyclohexane	6.41	83	318725	10.314 ug/l #	85
21) 2,2-Dichloropropane	4.22	77	274411	9.343 ug/l #	90
22) cis-1,2-Dichloroethene	4.22	96	206620	10.954 ug/l	76
23) Diethyl Ether	2.10	59	133236	9.266 ug/l	87
24) tert-Butyl Alcohol	2.83	59	136945	91.645 ug/l	98
25) Methyl tert-Butyl Ether	3.00	73	455576	9.036 ug/l #	80
26) Bromochloromethane	4.54	128	91428	10.973 ug/l	71
27) Chloroform	4.67	83	324049	10.501 ug/l	98
28) 1,1,1-Trichloroethane	4.91	97	284157	9.935 ug/l	95
29) 1,1-Dichloropropene	5.13	75	249317	10.041 ug/l	91
30) Carbon Tetrachloride	5.13	117	254441	9.826 ug/l	98
31) Isopropyl Ether	3.57	45	444560	9.285 ug/l	91
32) Ethyl-t-butyl ether	4.07	59	454543	9.473 ug/l	89
33) Tert-Amyl methyl ether	5.58	73	433313	9.988 ug/l	99
34) Propionitrile	4.33	54	64854	57.075 ug/l #	91
35) Benzene	5.38	78	730792	10.643 ug/l	97
36) 1,2-Dichloroethane	5.40	62	203273	9.788 ug/l #	88
37) Trichloroethene	6.18	130	216919	11.009 ug/l	88
38) 1,2-Dichloropropane	6.43	63	187058	10.472 ug/l	100
39) Methacrylonitrile	4.54	41	55436	9.527 ug/l #	86
40) Methyl acrylate	4.42	55	89658	10.207 ug/l #	91
41) Tetrahydrofuran	4.64	42	55005	18.765 ug/l #	79
42) 1-Chlorobutane	5.06	56	325415	9.782 ug/l	84

Data File : VU029671.D
Acq On : 26 Feb 2019 09:53
Operator : JC/SP
Sample : VSTDCCC010
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Quant Time: Feb 27 00:20:42 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U020519DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Fri Feb 08 10:52:46 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Dibromomethane	6.56	93	100667	10.576	ug/l	90
44) Bromodichloromethane	6.75	83	238727	9.843	ug/l	96
45) 4-Methyl-2-Pentanone	7.46	43	544833	48.827	ug/l #	88
46) t-1,4-Dichloro-2-butene	10.49	75	109162	20.080	ug/l #	76
47) Methyl methacrylate	6.62	69	180273	21.525	ug/l #	69
48) Ethyl methacrylate	8.02	69	183319	10.203	ug/l	77
49) Toluene	7.63	92	478145	10.882	ug/l	98
50) t-1,3-Dichloropropene	7.88	75	228336	9.604	ug/l	96
51) cis-1,3-Dichloropropene	7.27	75	278869	9.874	ug/l #	83
52) 1,1,2-Trichloroethane	8.06	97	142038	11.271	ug/l	98
53) 1,3-Dichloropropane	8.24	76	236902	10.701	ug/l	100
54) 2-Hexanone	8.36	43	391657	50.074	ug/l	84
55) Dibromochloromethane	8.47	129	183042	10.219	ug/l	100
56) 1,2-Dibromoethane	8.58	107	137373	10.625	ug/l	100
58) Tetrachloroethene	8.22	164	209515	11.427	ug/l	92
59) Chlorobenzene	9.12	112	541949	10.949	ug/l	99
60) 1,1,1,2-Tetrachloroethane	9.21	131	191564	10.474	ug/l	96
61) Pentachloroethane	11.10	117	142604	10.060	ug/l	89
62) Hexachloroethane	12.14	117	155897	10.076	ug/l	97
63) Ethyl Benzene	9.24	91	919510	10.697	ug/l	96
64) m/p-Xylenes	9.37	106	732916	21.940	ug/l	87
65) o-Xylene	9.77	106	354841	10.822	ug/l	86
66) Styrene	9.79	104	603716	11.045	ug/l	92
67) Bromoform	9.95	173	110396	9.907	ug/l	100
69) Isopropylbenzene	10.16	105	943131	10.766	ug/l	96
70) 1,1,2,2-Tetrachloroethane	10.45	83	181749	11.253	ug/l	98
71) 1,2,3-Trichloropropane	10.49	75	109162	9.842	ug/l #	79
72) Bromobenzene	10.45	156	243061	11.447	ug/l	84
73) n-propylbenzene	10.58	120	272724	11.177	ug/l	81
74) 2-Chlorotoluene	10.66	126	230820	11.109	ug/l	79
75) 1,3,5-Trimethylbenzene	10.77	105	805456	10.664	ug/l	95
76) 4-Chlorotoluene	10.77	126	241290	11.189	ug/l	78
77) tert-Butylbenzene	11.10	119	801828	10.740	ug/l	91
78) 1,2,4-Trimethylbenzene	11.14	105	827955	10.828	ug/l	95
79) sec-Butylbenzene	11.32	105	1064690	10.900	ug/l	95
80) Nitrobenzene	12.86	77	20972	29.144	ug/l #	93
81) p-Isopropyltoluene	11.47	119	910331	10.994	ug/l	93
82) 1,3-Dichlorobenzene	11.41	146	475122	11.405	ug/l	96
83) 1,4-Dichlorobenzene	11.50	146	475497	11.460	ug/l	96
84) n-Butylbenzene	11.89	91	834639	10.984	ug/l	96
85) 1,2-Dichlorobenzene	11.88	146	445811	11.318	ug/l	97
86) 1,2-Dibromo-3-Chloropropan	12.65	75	26877	8.916	ug/l #	54
87) 1,2,4-Trichlorobenzene	13.50	180	313612	11.335	ug/l	98
88) Hexachlorobutadiene	13.69	225	186440	11.636	ug/l	99
89) Naphthalene	13.74	128	538792	11.483	ug/l	99
90) 1,2,3-Trichlorobenzene	13.98	180	287409	11.367	ug/l	98

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

Data File : VU029671.D

Acq On : 26 Feb 2019 09:53

Operator : JC/SP

Sample : VSTDCCC010

Misc : 25.0mL/MSVOA U/WATER

```
ALS Vial      : 2      Sample Multiplier: 1
```

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

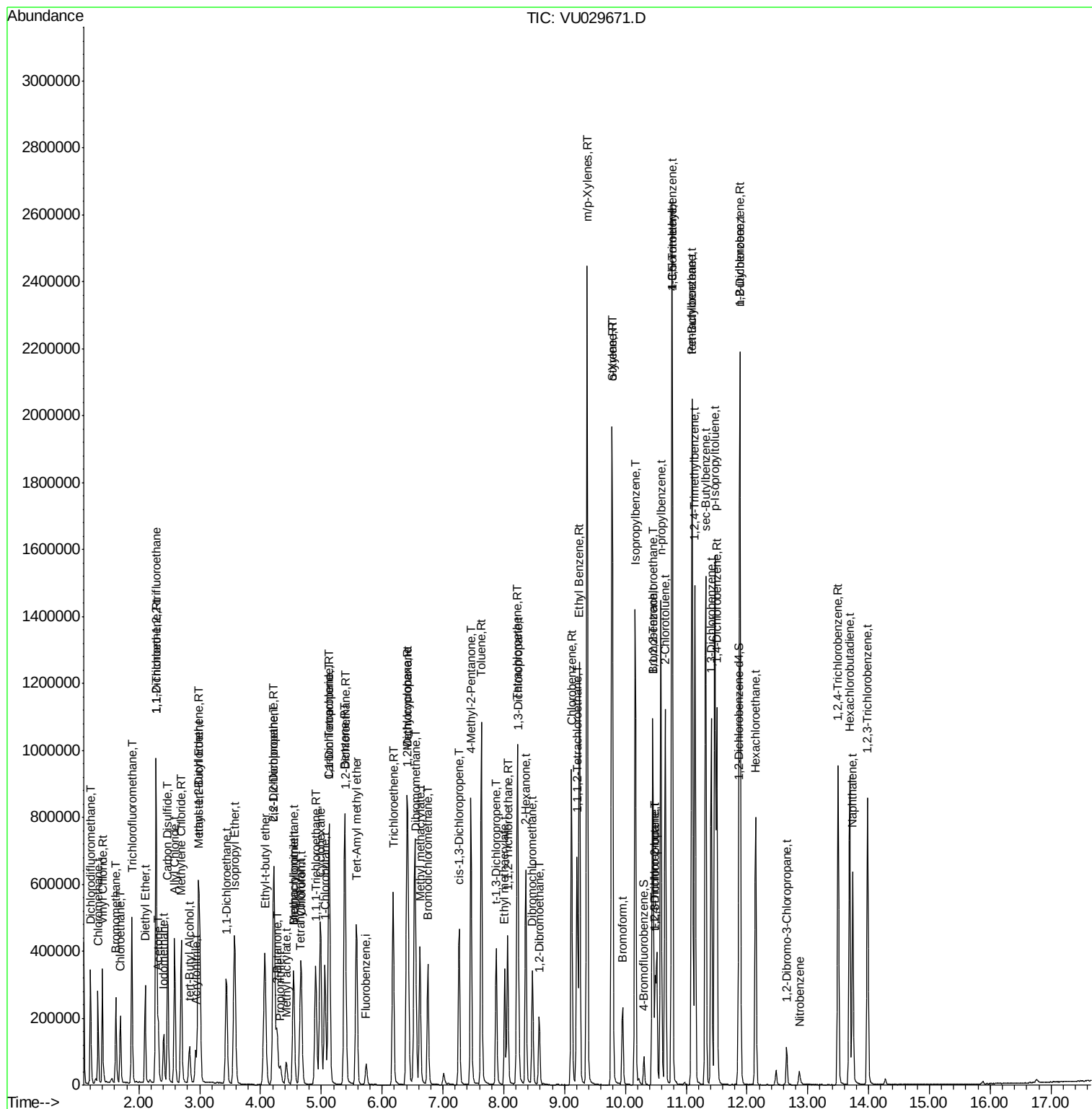
Quant Time: Feb 27 00:20:42 2019

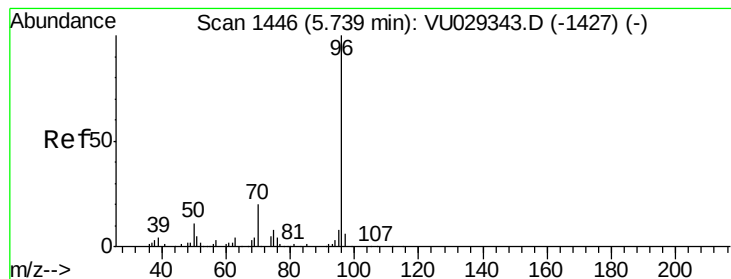
Quant Method : Z:\V0ASRV\HPCHEM1\MSV0A_U\METHOD\524U020519DW.M

Quant Title : METHOD 524.2 VOLATILES DRINKING WATER

QLast Update : Fri Feb 08 10:52:46 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: VU029671.D

Acq: 26 Feb 2019 09:53

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

Tgt Ion: 96 Resp: 62071

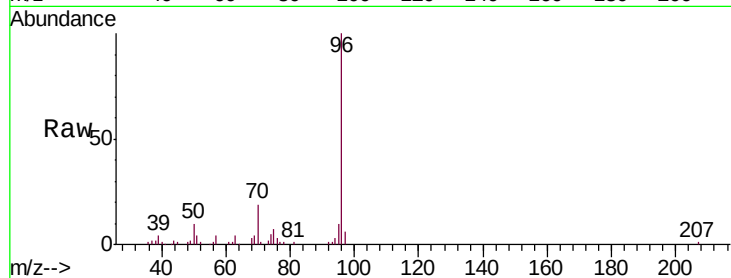
Ion Ratio Lower Upper

96 100

70 19.6 16.2 24.2

95 9.1 7.4 11.2

97 0.0 0.0 0.0

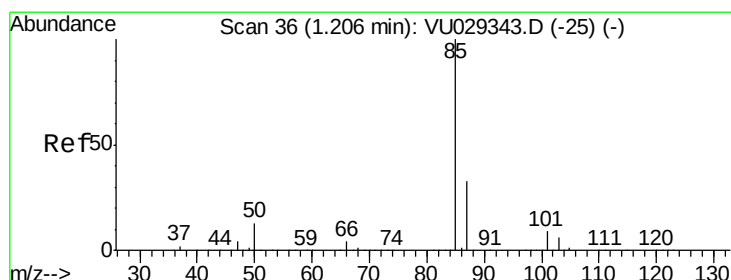
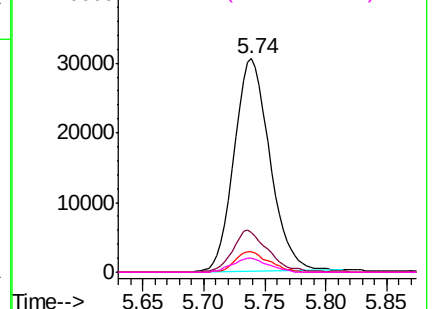
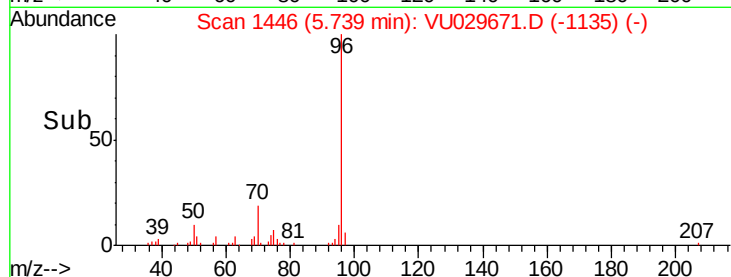


Abundance Ion 96.00 (95.70 to 96.70): VU0

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: 9.539 ug/l

RT: 1.21 min Scan# 36

Delta R.T. -0.00 min

Lab File: VU029671.D

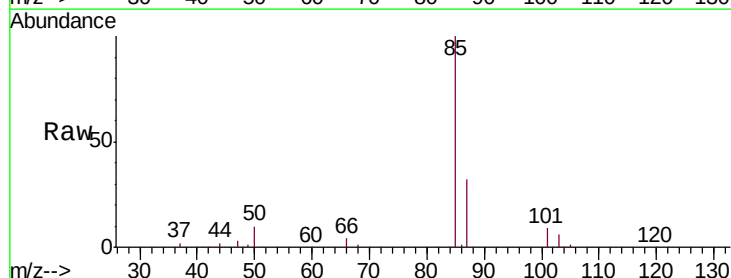
Acq: 26 Feb 2019 09:53

Tgt Ion: 85 Resp: 220956

Ion Ratio Lower Upper

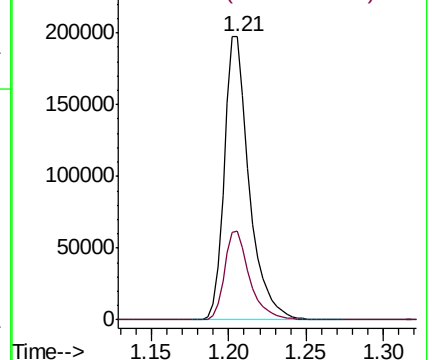
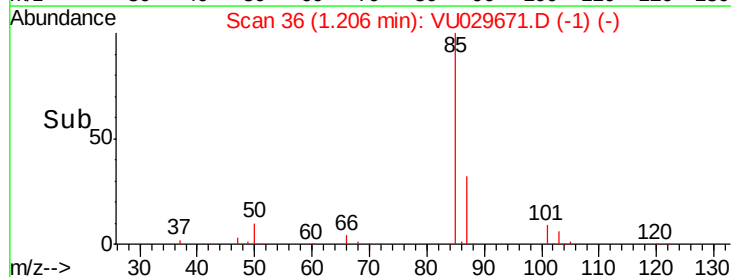
85 100

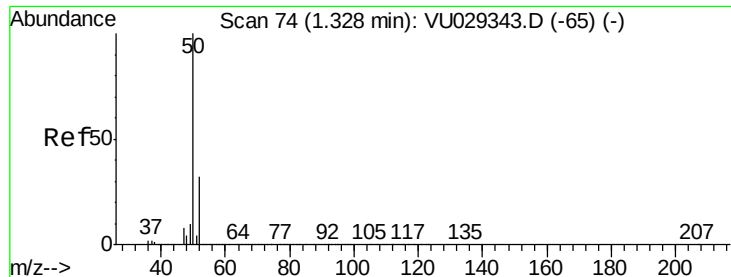
87 31.5 15.9 47.6



Abundance Ion 85.00 (84.70 to 85.70): VU0

Ion 87.00 (86.70 to 87.70): VU0





#3

Chloromethane

Concen: 8.226 ug/l

RT: 1.33 min Scan# 74

Delta R.T. -0.00 min

Lab File: VU029671.D

Acq: 26 Feb 2019 09:53

Instrument :

MSVOA_U

ClientSampleId :

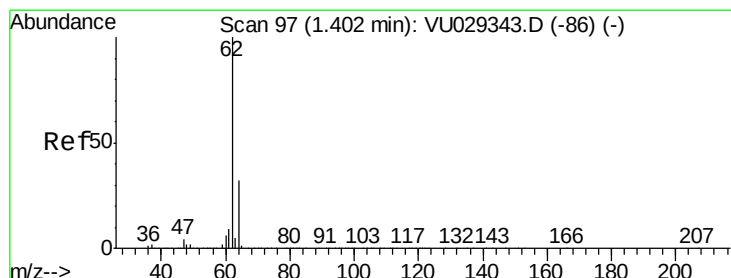
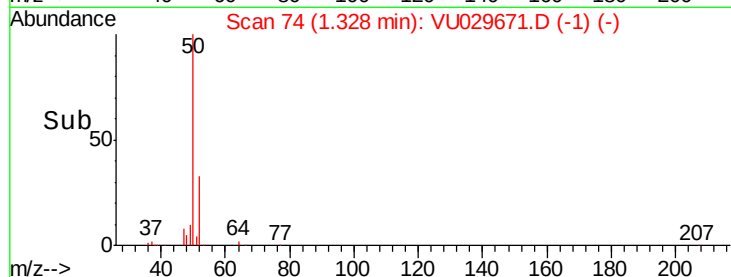
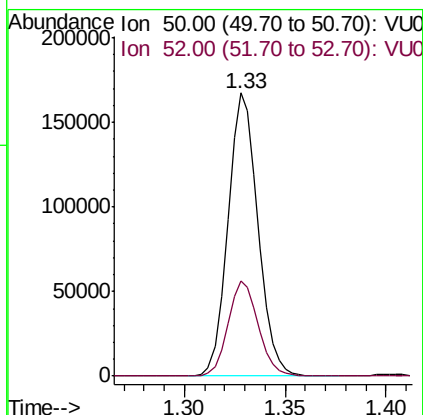
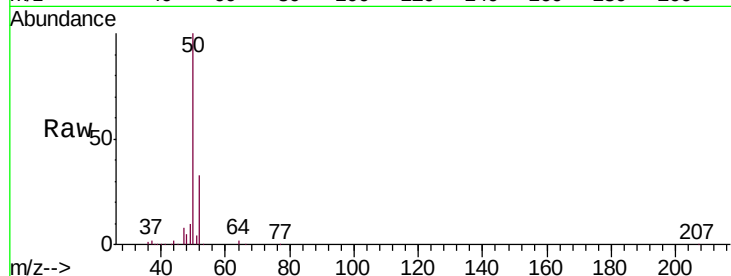
VSTDCCC010

Tgt Ion: 50 Resp: 174119

Ion Ratio Lower Upper

50 100

52 33.5 27.3 40.9



#4

Vinyl Chloride

Concen: 8.875 ug/l

RT: 1.40 min Scan# 97

Delta R.T. -0.00 min

Lab File: VU029671.D

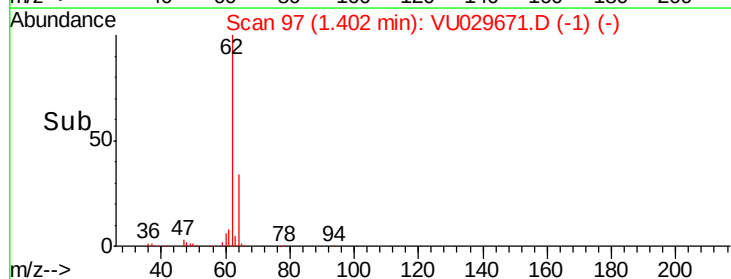
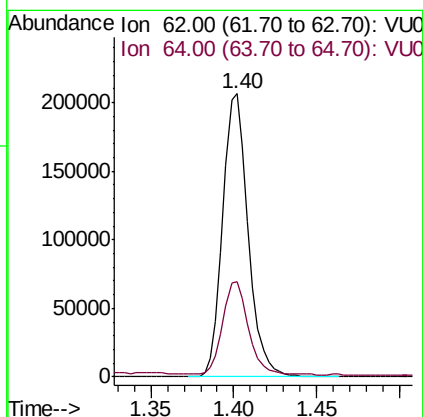
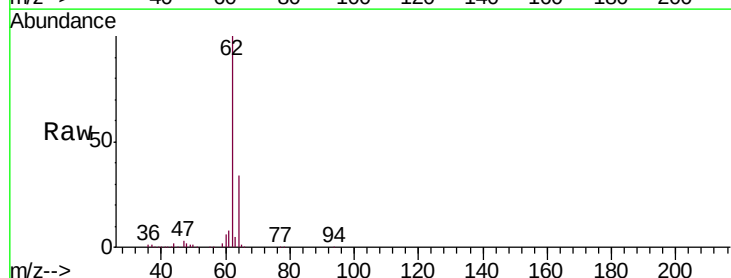
Acq: 26 Feb 2019 09:53

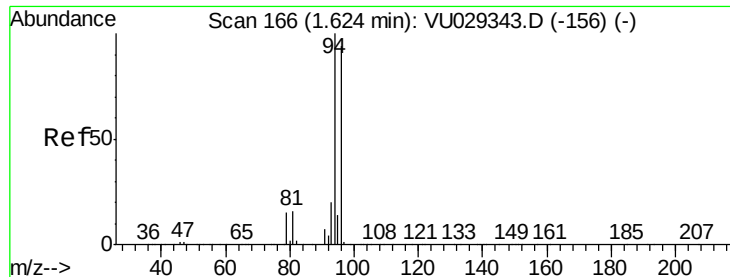
Tgt Ion: 62 Resp: 220245

Ion Ratio Lower Upper

62 100

64 32.9 25.2 37.8





#5

Bromomethane

Concen: 8.680 ug/l

RT: 1.62 min Scan# 165

Delta R.T. -0.00 min

Lab File: VU029671.D

Acq: 26 Feb 2019 09:53

Instrument :

MSVOA_U

ClientSampleId :

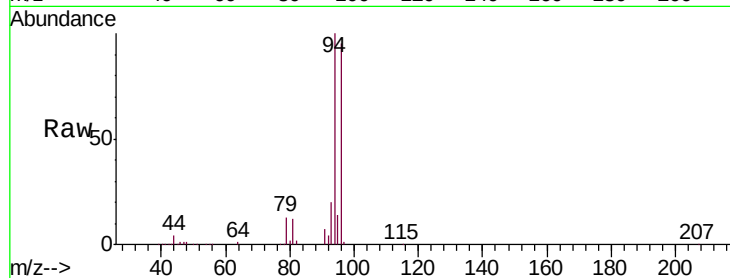
VSTDCCC010

Tgt Ion: 94 Resp: 119812

Ion Ratio Lower Upper

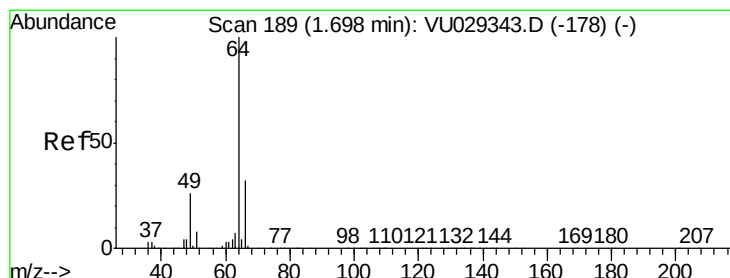
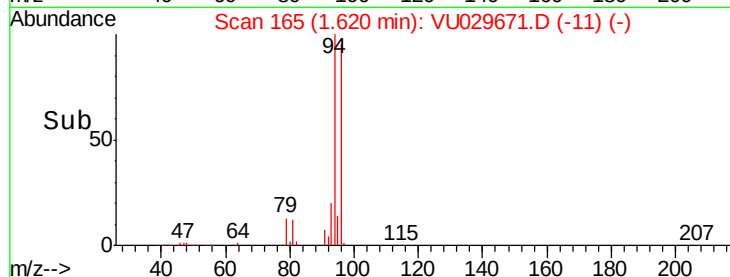
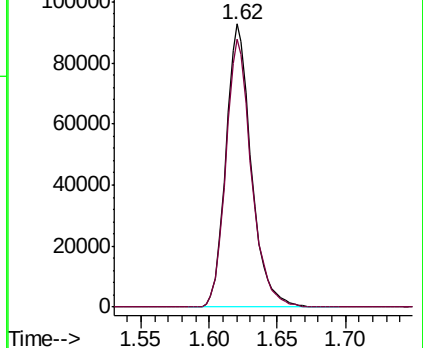
94 100

96 94.8 71.7 107.5



Abundance Ion 94.00 (93.70 to 94.70): VU0

Ion 96.00 (95.70 to 96.70): VU0



#6

Chloroethane

Concen: 9.243 ug/l

RT: 1.69 min Scan# 188

Delta R.T. -0.00 min

Lab File: VU029671.D

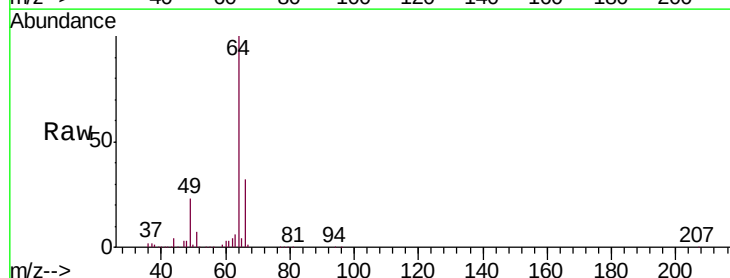
Acq: 26 Feb 2019 09:53

Tgt Ion: 64 Resp: 134003

Ion Ratio Lower Upper

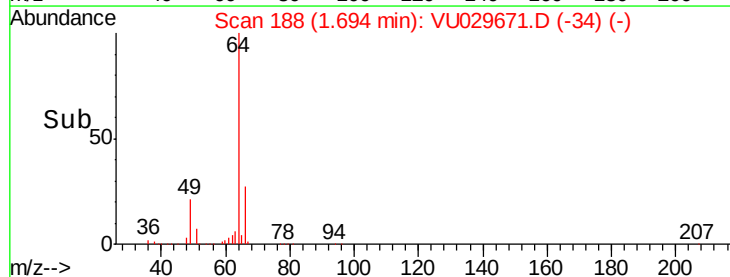
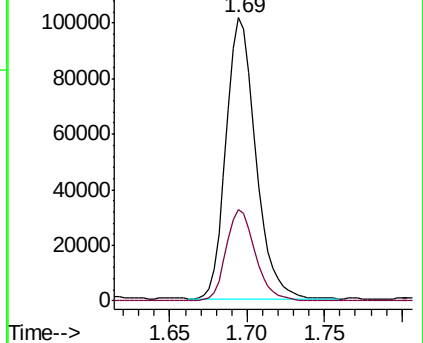
64 100

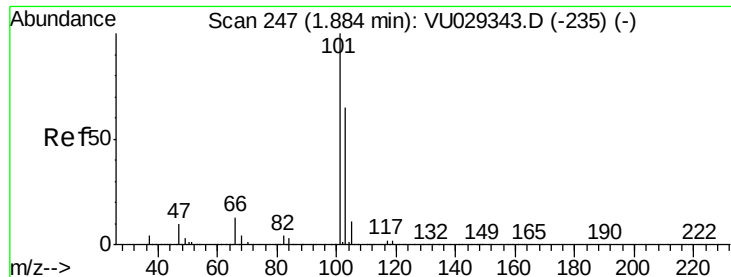
66 32.4 26.3 39.5



Abundance Ion 64.00 (63.70 to 64.70): VU0

Ion 66.00 (65.70 to 66.70): VU0



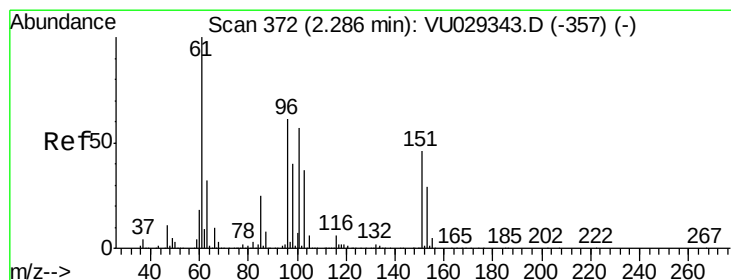
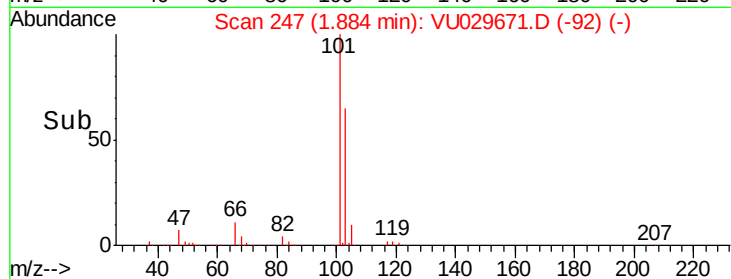
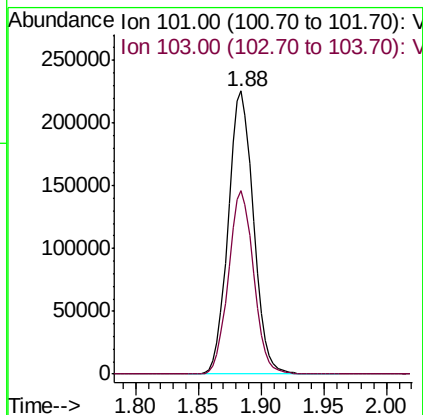
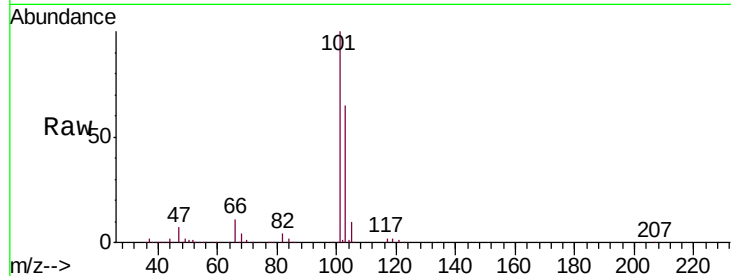


#7

Trichlorofluoromethane
 Concen: 9.093 ug/l
 RT: 1.88 min Scan# 247
 Delta R.T. -0.00 min
 Lab File: VU029671.D
 Acq: 26 Feb 2019 09:53

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010

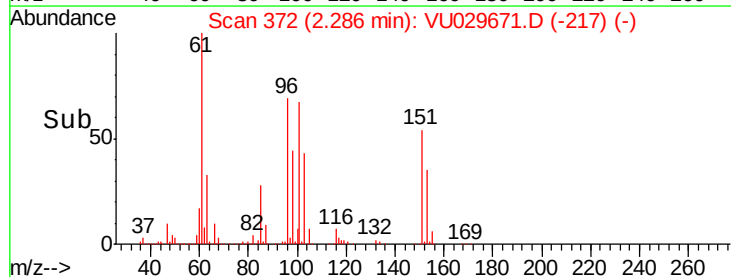
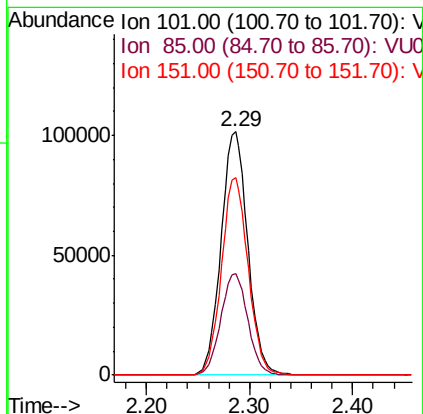
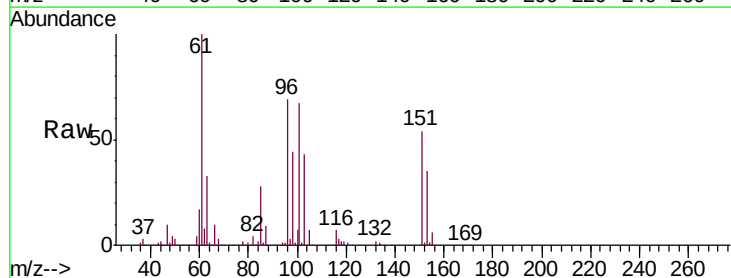
Tgt Ion:101 Resp: 315089
 Ion Ratio Lower Upper
 101 100
 103 64.7 53.9 80.9

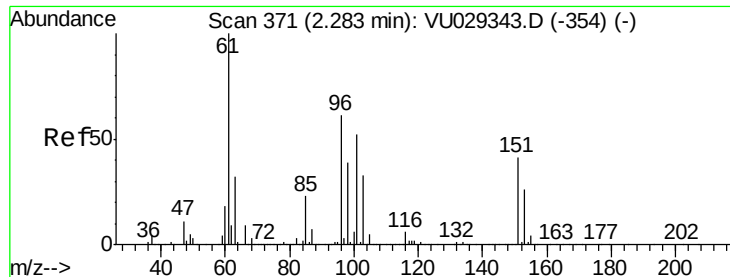


#8

1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 9.994 ug/l
 RT: 2.29 min Scan# 372
 Delta R.T. -0.00 min
 Lab File: VU029671.D
 Acq: 26 Feb 2019 09:53

Tgt Ion:101 Resp: 182861
 Ion Ratio Lower Upper
 101 100
 85 42.1 40.3 60.5
 151 80.7 58.1 87.1





#9

1,1-Dichloroethene

Concen: 9.849 ug/l

RT: 2.28 min Scan# 371

Delta R.T. -0.00 min

Lab File: VU029671.D

Acq: 26 Feb 2019 09:53

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

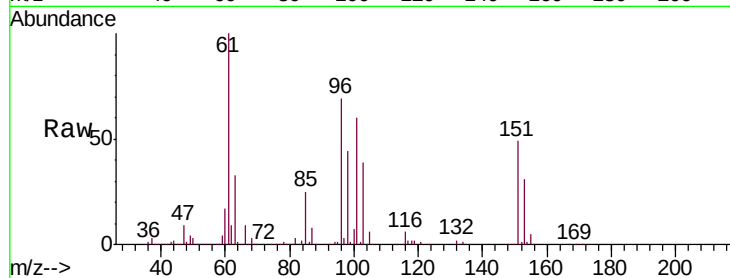
Tgt Ion: 96 Resp: 176369

Ion Ratio Lower Upper

96 100

61 144.3 0.0 641.4

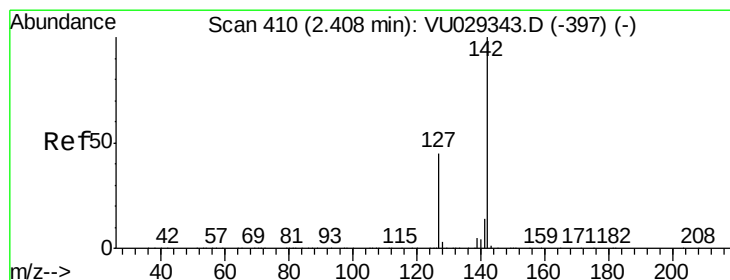
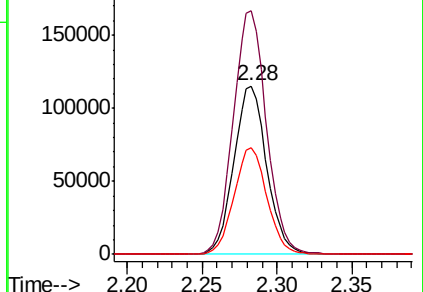
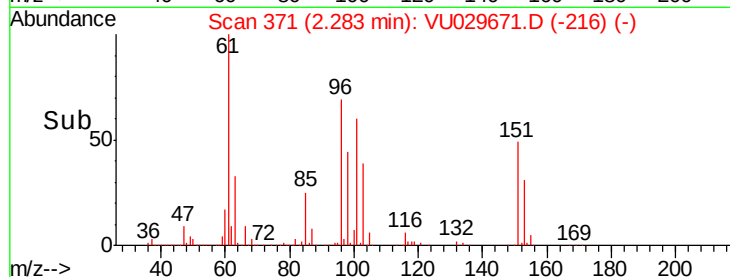
98 63.2 0.0 122.6



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



#10

Iodomethane

Concen: 5.449 ug/l

RT: 2.41 min Scan# 410

Delta R.T. 0.00 min

Lab File: VU029671.D

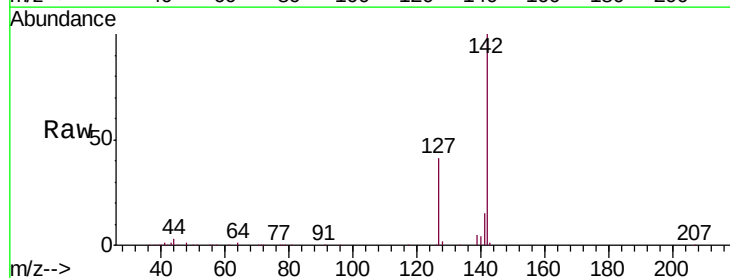
Acq: 26 Feb 2019 09:53

Tgt Ion: 142 Resp: 142253

Ion Ratio Lower Upper

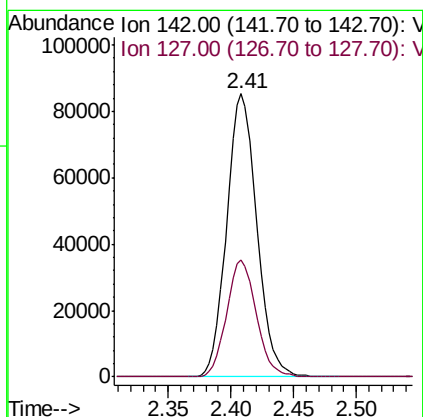
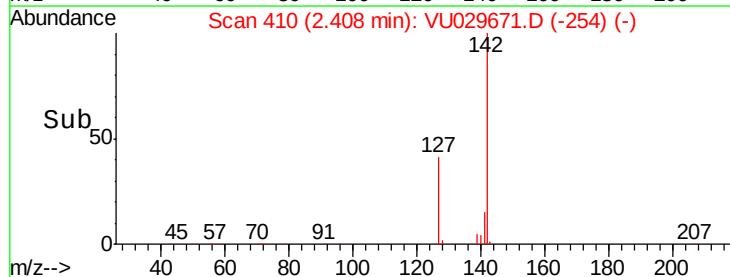
142 100

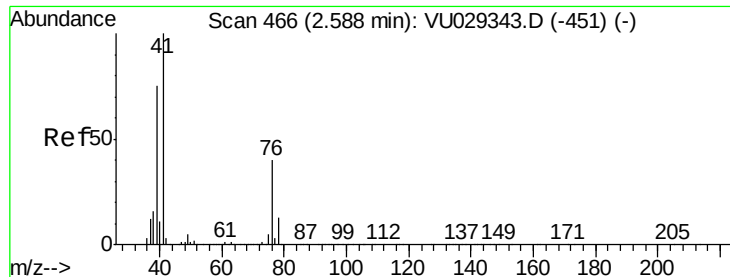
127 40.7 47.6 71.4#



Abundance Ion 142.00 (141.70 to 142.70): V

Ion 127.00 (126.70 to 127.70): V

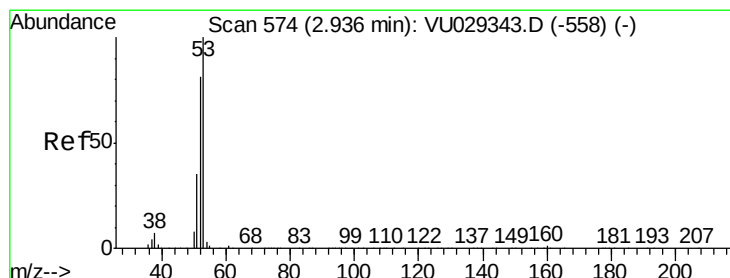
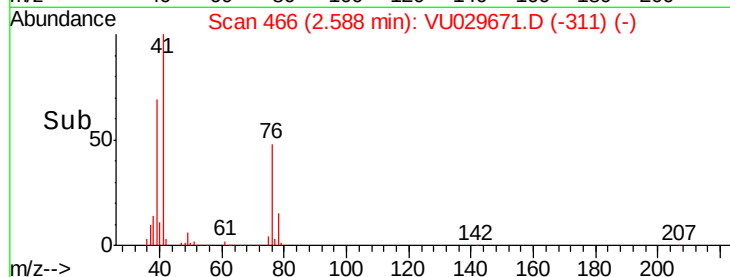
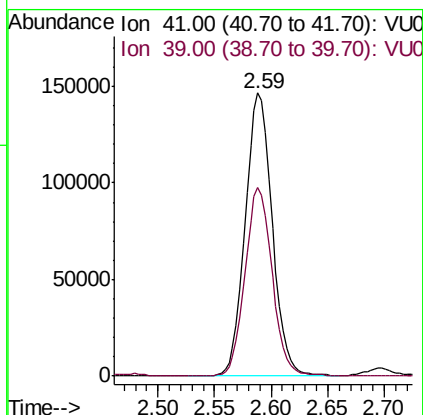
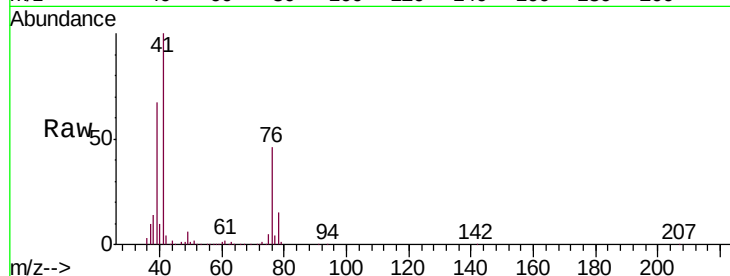




#11
 Allyl Chloride
 Concen: 8.080 ug/l
 RT: 2.59 min Scan# 466
 Delta R.T. -0.00 min
 Lab File: VU029671.D
 Acq: 26 Feb 2019 09:53

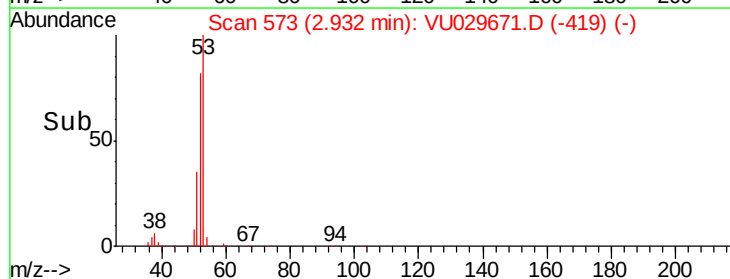
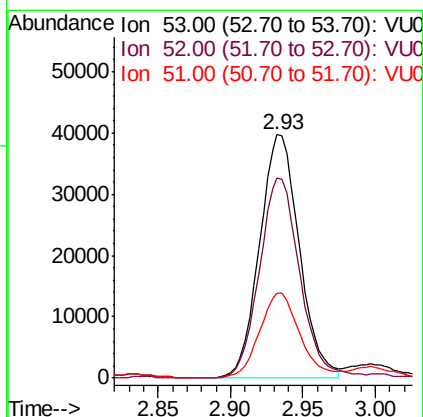
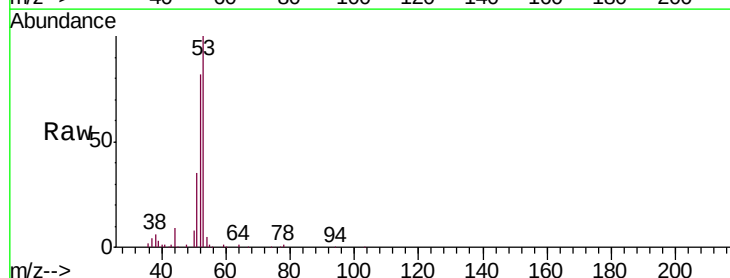
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010

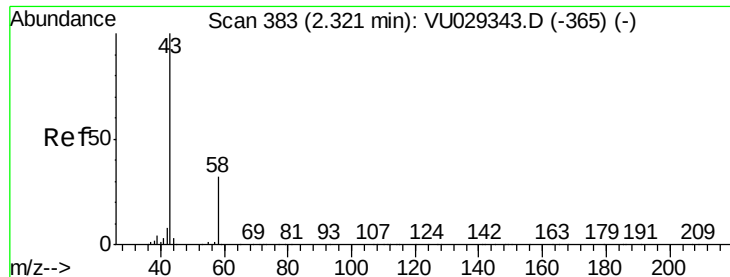
Tgt Ion: 41 Resp: 242612
 Ion Ratio Lower Upper
 41 100
 39 66.6 67.2 100.8#



#12
 Acrylonitrile
 Concen: 18.909 ug/l
 RT: 2.93 min Scan# 573
 Delta R.T. -0.00 min
 Lab File: VU029671.D
 Acq: 26 Feb 2019 09:53

Tgt Ion: 53 Resp: 75889
 Ion Ratio Lower Upper
 53 100
 52 83.9 67.6 101.4
 51 35.9 31.0 46.4





#13

Acetone

Concen: 43.932 ug/l

RT: 2.32 min Scan# 382

Delta R.T. -0.00 min

Lab File: VU029671.D

Acq: 26 Feb 2019 09:53

Instrument :

MSVOA_U

ClientSampleId :

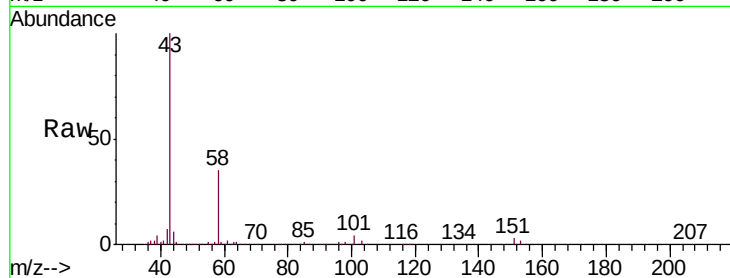
VSTDCCC010

Tgt Ion: 43 Resp: 169923

Ion Ratio Lower Upper

43 100

58 35.5 19.2 28.8#



Abundance Ion 43.00 (42.70 to 43.70): VU029343.D (-365) (-)

Ion 58.00 (57.70 to 58.70): VU029343.D (-365) (-)

2.32

120000

100000

80000

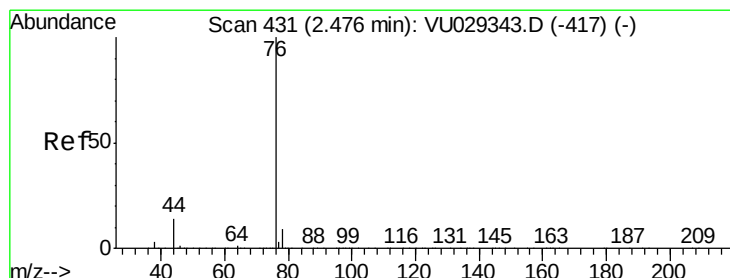
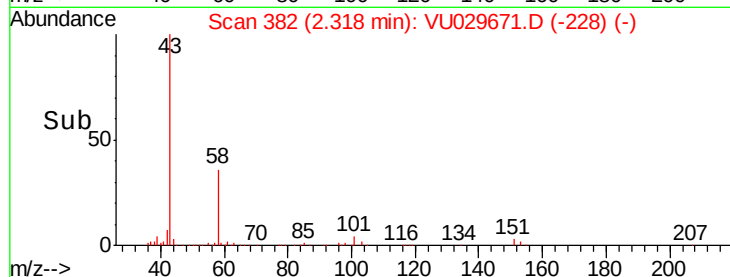
60000

40000

20000

0

Time-->



#14

Carbon Disulfide

Concen: 9.136 ug/l

RT: 2.47 min Scan# 430

Delta R.T. -0.00 min

Lab File: VU029671.D

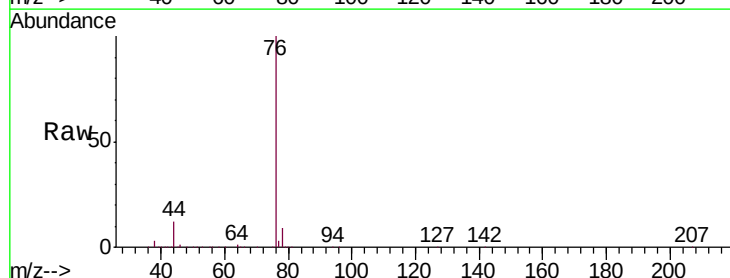
Acq: 26 Feb 2019 09:53

Tgt Ion: 76 Resp: 577594

Ion Ratio Lower Upper

76 100

78 8.8 7.1 10.7



Abundance Ion 76.00 (75.70 to 76.70): VU029343.D (-417) (-)

Ion 78.00 (77.70 to 78.70): VU029343.D (-417) (-)

2.47

400000

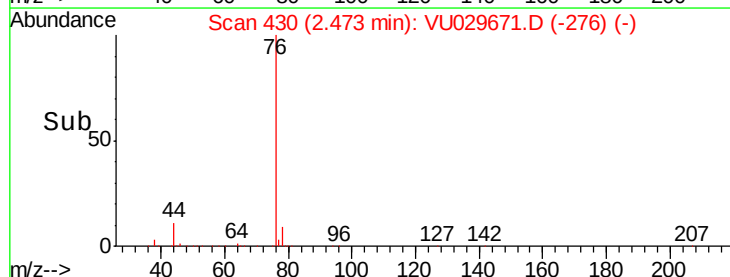
300000

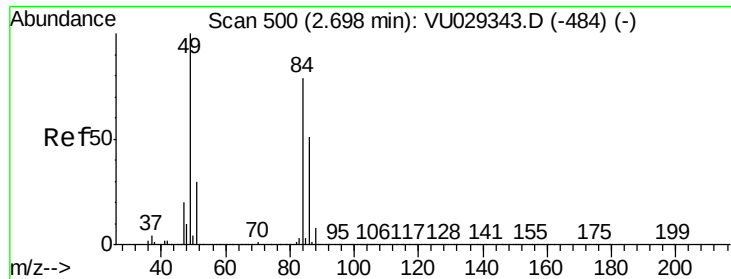
200000

100000

0

Time-->

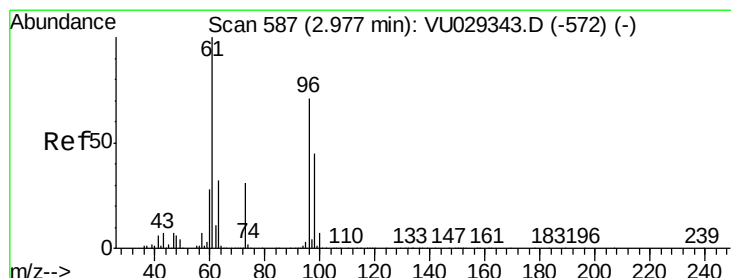
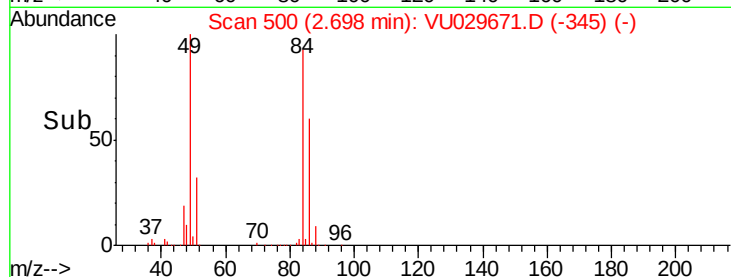
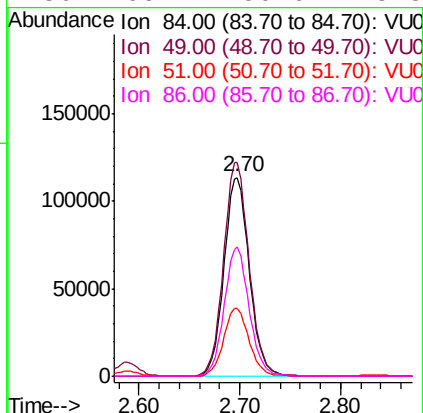
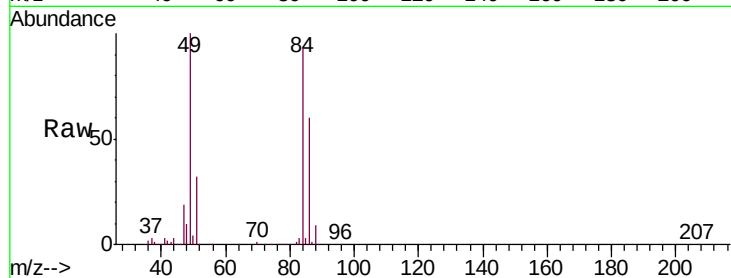




#15
Methylene Chloride
Concen: 9.185 ug/l
RT: 2.70 min Scan# 500
Delta R.T. -0.00 min
Lab File: VU029671.D
Acq: 26 Feb 2019 09:53

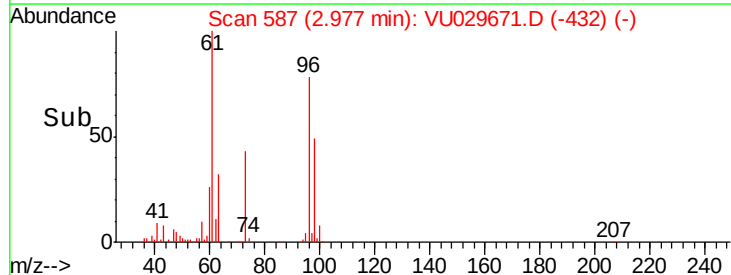
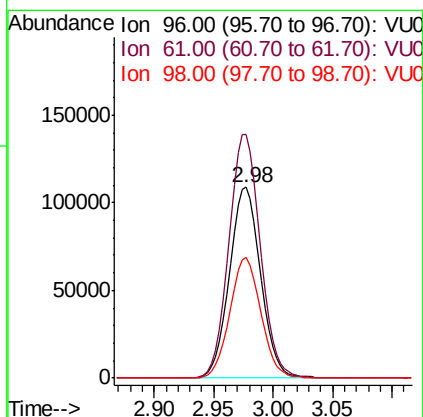
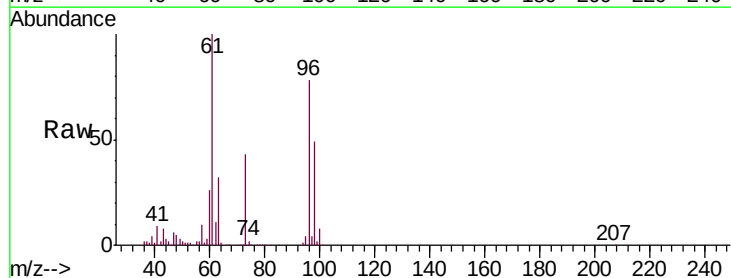
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

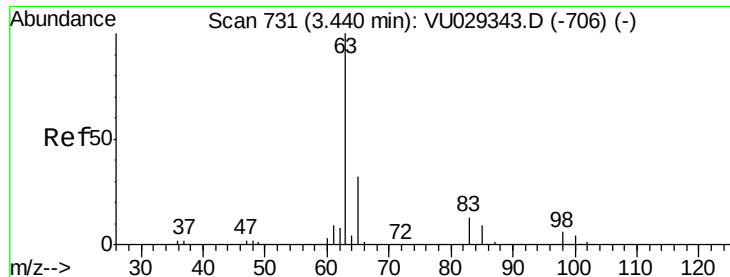
Tgt Ion:	84	Resp:	199421
Ion	Ratio	Lower	Upper
84	100		
49	107.6	127.0	190.6#
51	34.1	0.0	93.4
86	65.1	50.6	75.8



#16
trans-1,2-Dichloroethene
Concen: 9.904 ug/l
RT: 2.98 min Scan# 587
Delta R.T. -0.00 min
Lab File: VU029671.D
Acq: 26 Feb 2019 09:53

Tgt Ion:	96	Resp:	198322
Ion	Ratio	Lower	Upper
96	100		
61	127.7	140.6	210.8#
98	63.0	49.3	73.9

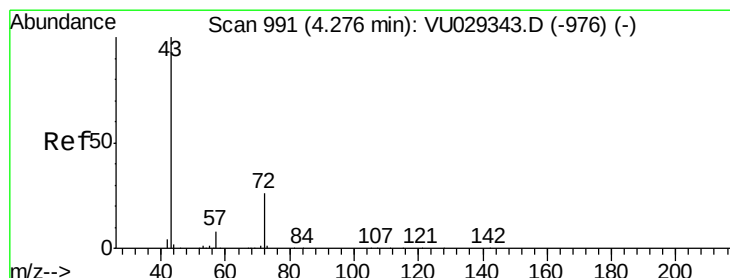
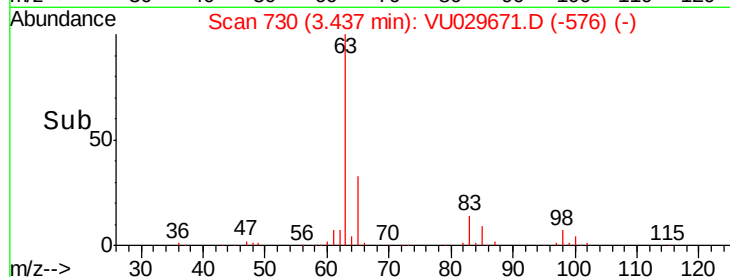
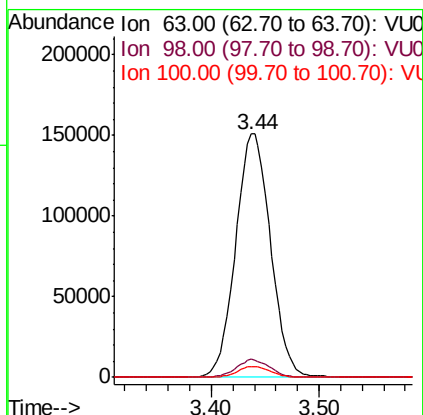
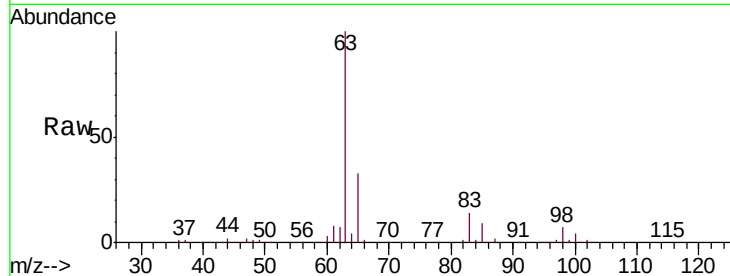




#17
 1,1-Dichloroethane
 Concen: 10.698 ug/l
 RT: 3.44 min Scan# 730
 Delta R.T. -0.00 min
 Lab File: VU029671.D
 Acq: 26 Feb 2019 09:53

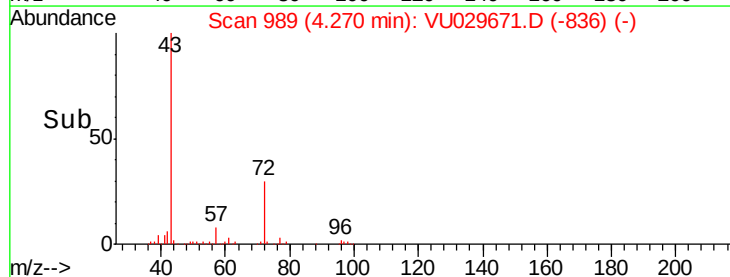
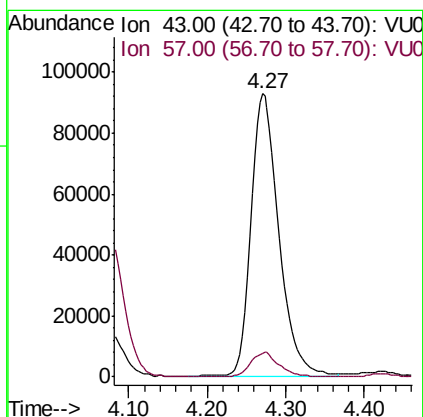
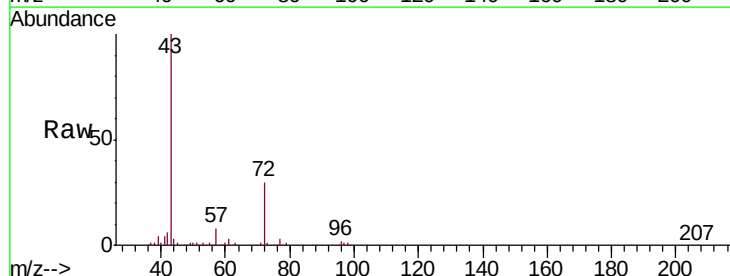
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010

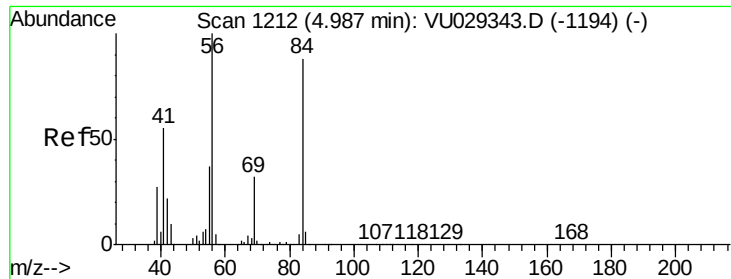
Tgt Ion: 63 Resp: 339454
 Ion Ratio Lower Upper
 63 100
 98 7.4 2.9 8.8
 100 4.5 1.7 5.1



#18
 2-Butanone
 Concen: 54.151 ug/l
 RT: 4.27 min Scan# 989
 Delta R.T. -0.01 min
 Lab File: VU029671.D
 Acq: 26 Feb 2019 09:53

Tgt Ion: 43 Resp: 234090
 Ion Ratio Lower Upper
 43 100
 57 8.1 0.0 15.8

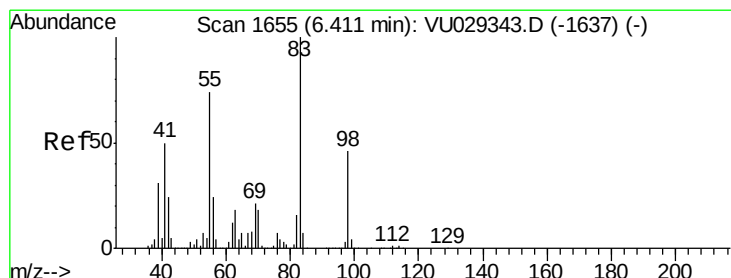
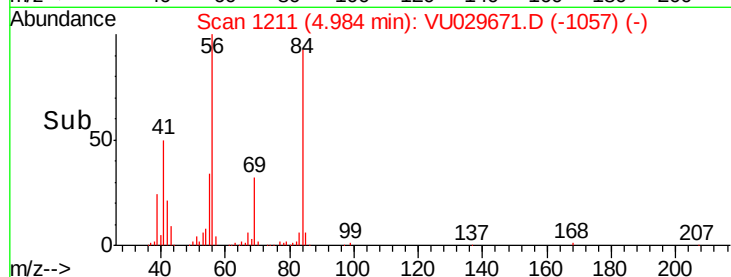
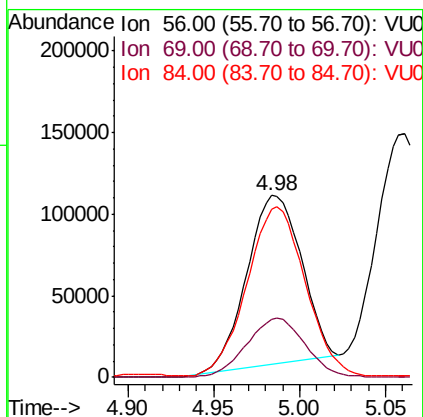
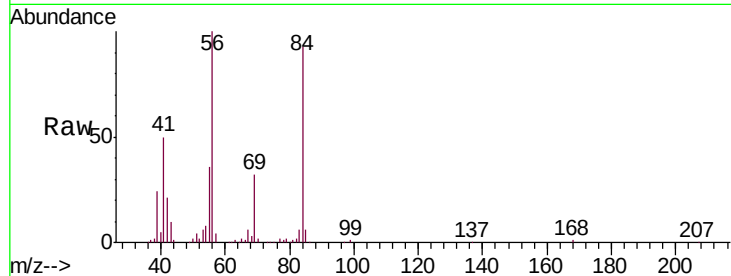




#19
Cyclohexane
Concen: 7.764 ug/l
RT: 4.98 min Scan# 1211
Delta R.T. -0.00 min
Lab File: VU029671.D
Acq: 26 Feb 2019 09:53

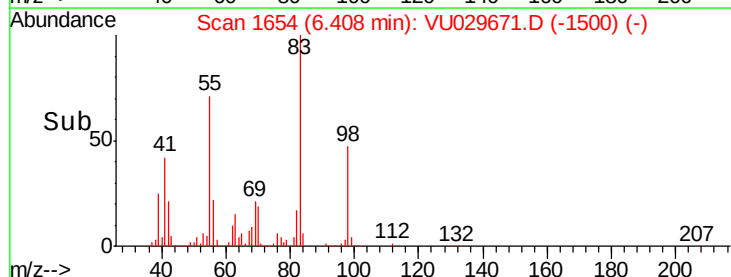
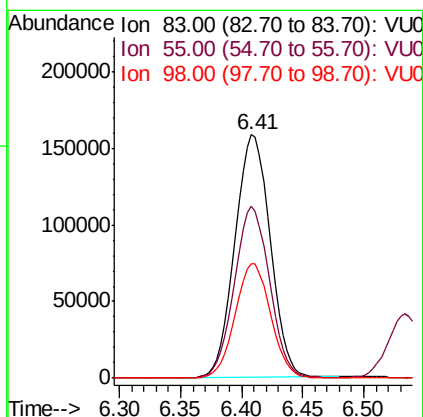
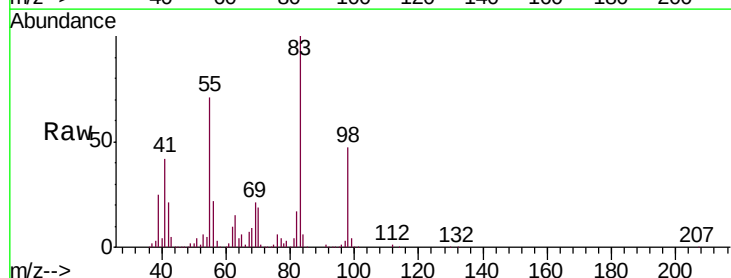
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

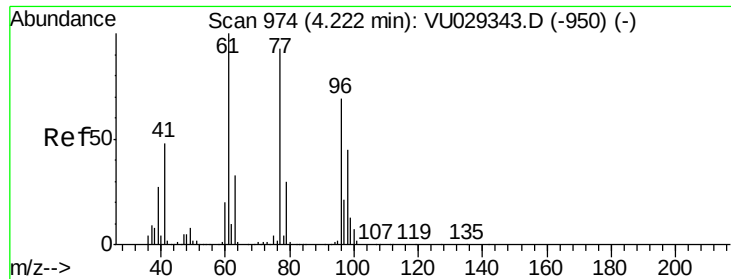
Tgt Ion: 56 Resp: 228435
Ion Ratio Lower Upper
56 100
69 37.4 26.8 40.2
84 107.1 71.5 107.3



#20
Methylcyclohexane
Concen: 10.314 ug/l
RT: 6.41 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VU029671.D
Acq: 26 Feb 2019 09:53

Tgt Ion: 83 Resp: 318725
Ion Ratio Lower Upper
83 100
55 70.0 72.4 108.6#
98 46.8 36.6 54.8

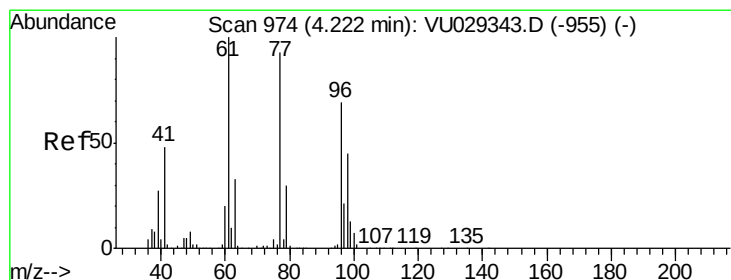
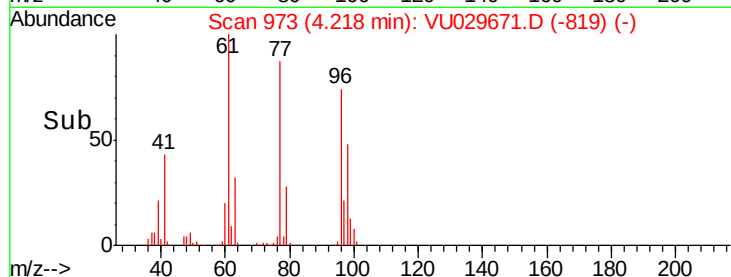
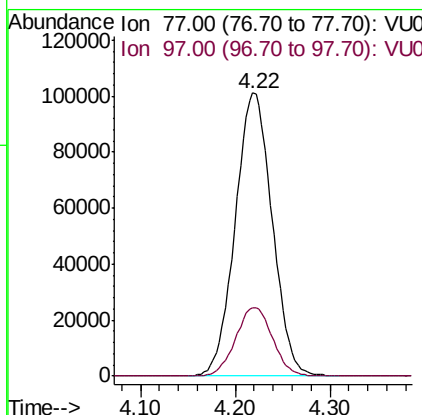
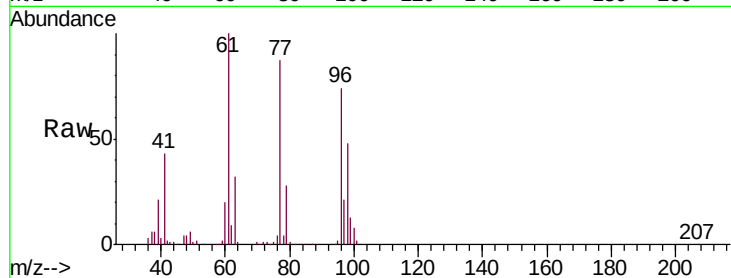




#21
 2,2-Dichloropropane
 Concen: 9.343 ug/l
 RT: 4.22 min Scan# 973
 Delta R.T. -0.00 min
 Lab File: VU029671.D
 Acq: 26 Feb 2019 09:53

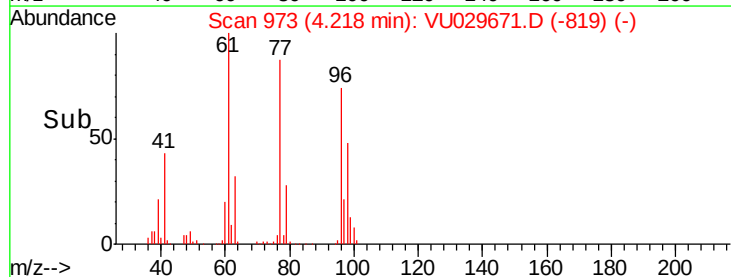
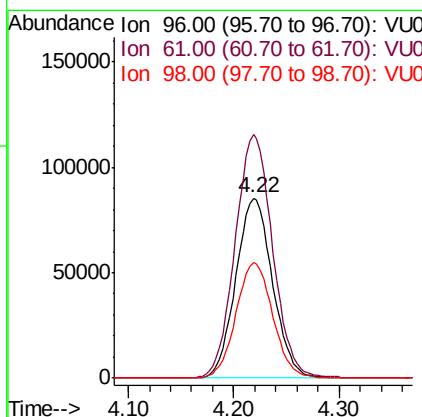
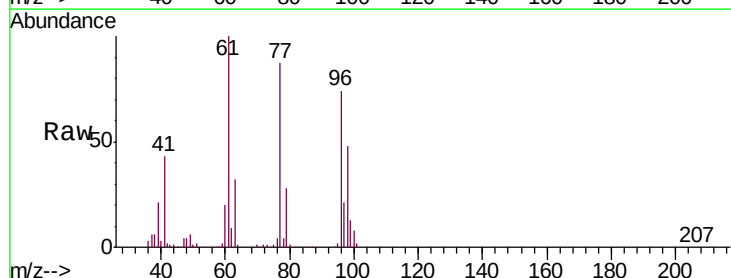
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010

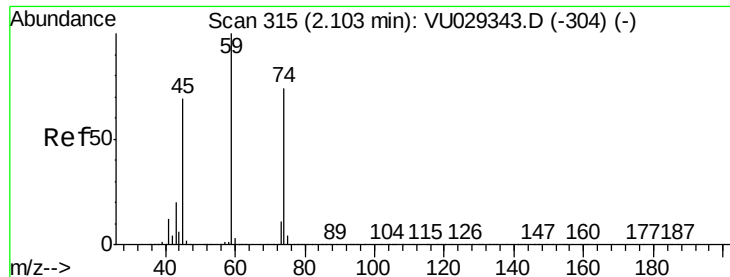
Tgt Ion: 77 Resp: 274411
 Ion Ratio Lower Upper
 77 100
 97 24.1 15.6 23.4#



#22
 cis-1,2-Dichloroethene
 Concen: 10.954 ug/l
 RT: 4.22 min Scan# 973
 Delta R.T. -0.00 min
 Lab File: VU029671.D
 Acq: 26 Feb 2019 09:53

Tgt Ion: 96 Resp: 206620
 Ion Ratio Lower Upper
 96 100
 61 138.3 0.0 460.0
 98 64.3 32.6 97.7





#23

Diethyl Ether

Concen: 9.266 ug/l

RT: 2.10 min Scan# 315

Delta R.T. -0.00 min

Lab File: VU029671.D

Acq: 26 Feb 2019 09:53

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

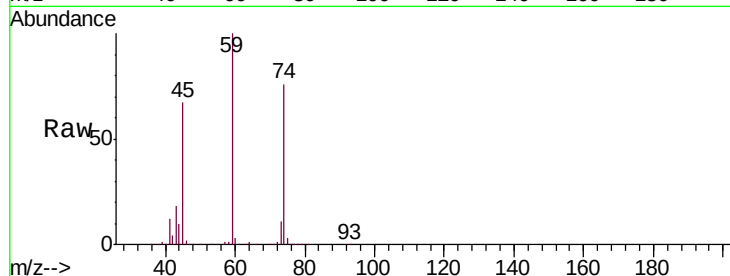
Tgt Ion: 59 Resp: 133236

Ion Ratio Lower Upper

59 100

45 65.8 64.2 96.4

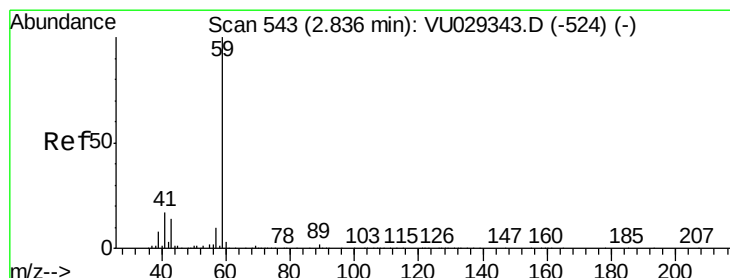
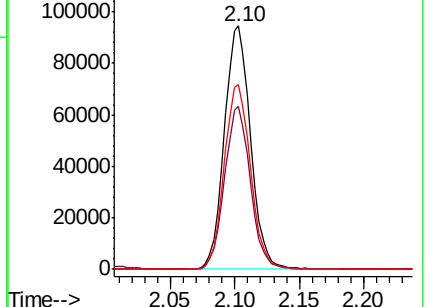
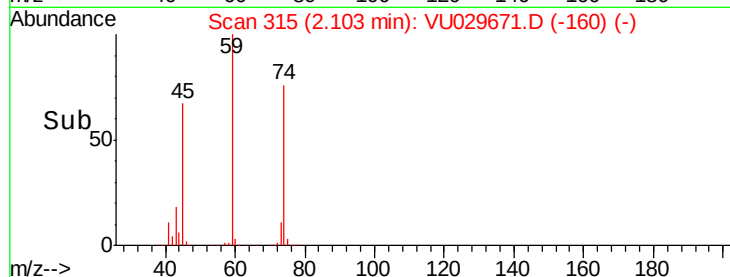
74 75.9 55.3 82.9



Abundance Ion 59.00 (58.70 to 59.70): VU029671.D (-160) (-)

Ion 45.00 (44.70 to 45.70): VU029671.D (-160) (-)

Ion 74.00 (73.70 to 74.70): VU029671.D (-160) (-)



#24

tert-Butyl Alcohol

Concen: 91.645 ug/l

RT: 2.83 min Scan# 542

Delta R.T. -0.00 min

Lab File: VU029671.D

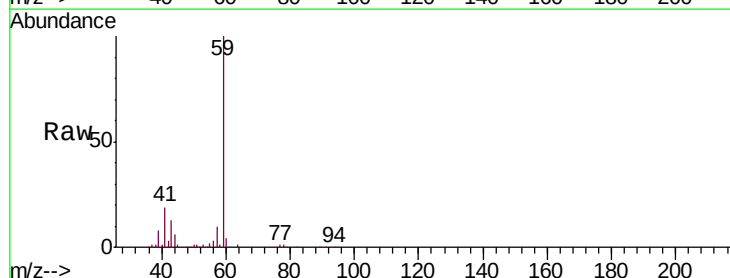
Acq: 26 Feb 2019 09:53

Tgt Ion: 59 Resp: 136945

Ion Ratio Lower Upper

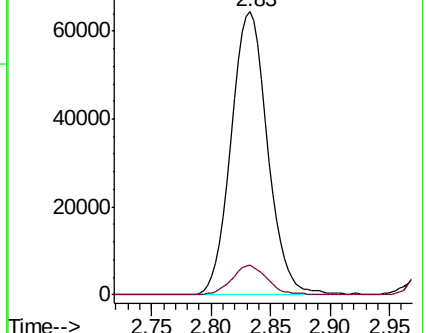
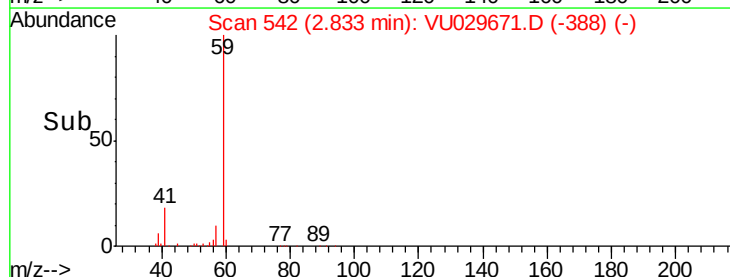
59 100

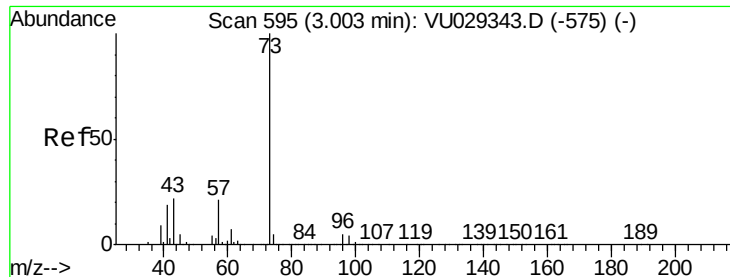
57 10.3 8.8 13.2



Abundance Ion 59.00 (58.70 to 59.70): VU029671.D (-388) (-)

Ion 57.00 (56.70 to 57.70): VU029671.D (-388) (-)





#25

Methyl tert-Butyl Ether

Concen: 9.036 ug/l

RT: 3.00 min Scan# 594

Delta R.T. -0.00 min

Lab File: VU029671.D

Acq: 26 Feb 2019 09:53

Instrument :

MSVOA_U

ClientSampleId :

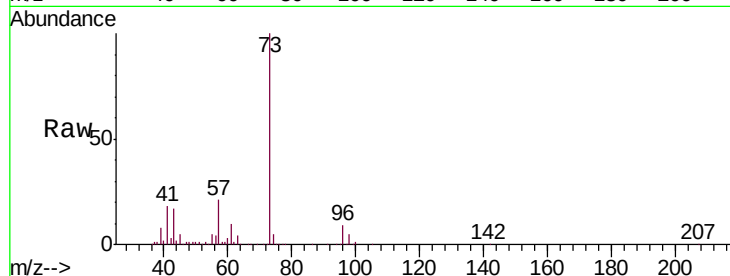
VSTDCCC010

Tgt Ion: 73 Resp: 455576

Ion Ratio Lower Upper

73 100

43 17.0 22.1 33.1#



Abundance Ion 73.00 (72.70 to 73.70): VU029343.D (-575) (-)

Ion 43.00 (42.70 to 43.70): VU029343.D (-575) (-)

3.00

200000

150000

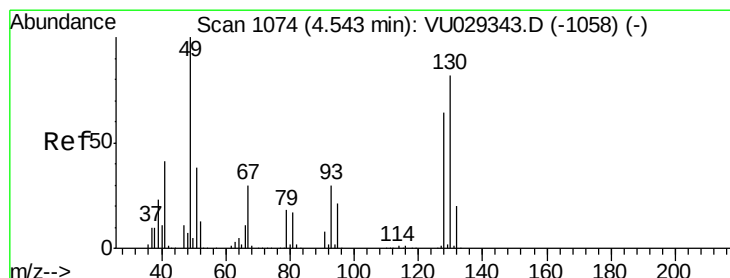
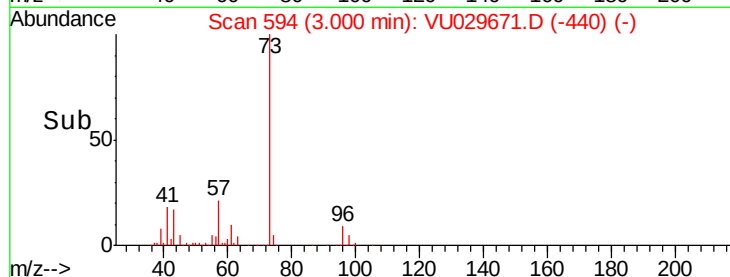
100000

50000

0

2.90 3.00 3.10

Time-->



#26

Bromochloromethane

Concen: 10.973 ug/l

RT: 4.54 min Scan# 1074

Delta R.T. -0.00 min

Lab File: VU029671.D

Acq: 26 Feb 2019 09:53

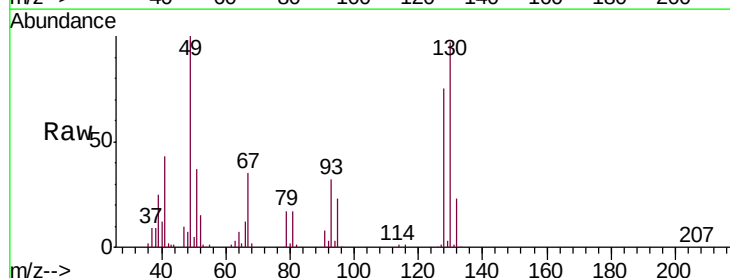
Tgt Ion: 128 Resp: 91428

Ion Ratio Lower Upper

128 100

49 133.0 0.0 401.6

130 128.1 108.0 162.0



Abundance Ion 128.00 (127.70 to 128.70): VU029343.D (-1058) (-)

Ion 49.00 (48.70 to 49.70): VU029343.D (-1058) (-)

Ion 130.00 (129.70 to 130.70): VU029343.D (-1058) (-)

60000

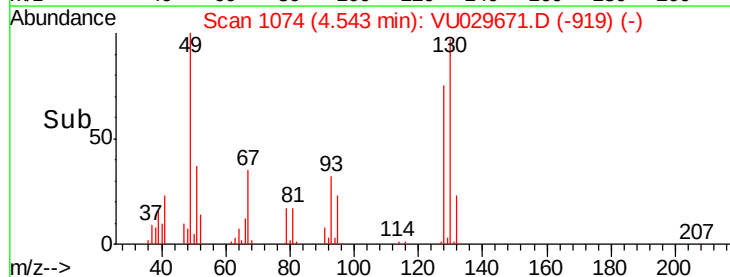
40000

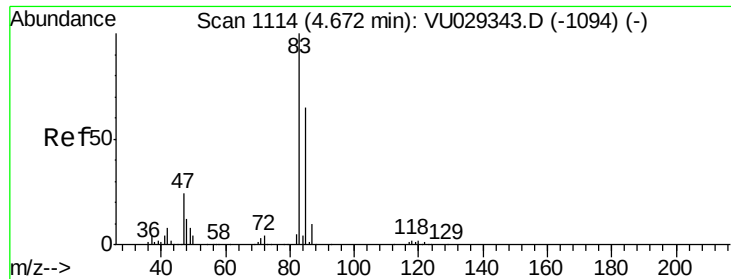
20000

0

4.50 4.54 4.60

Time-->

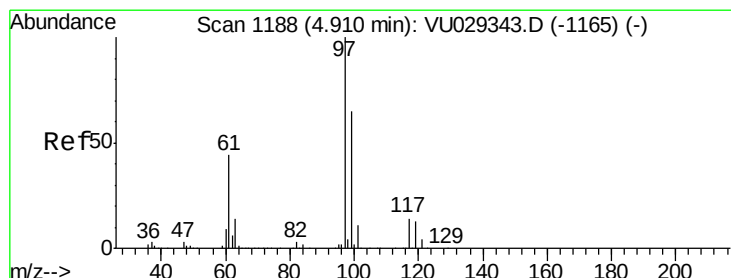
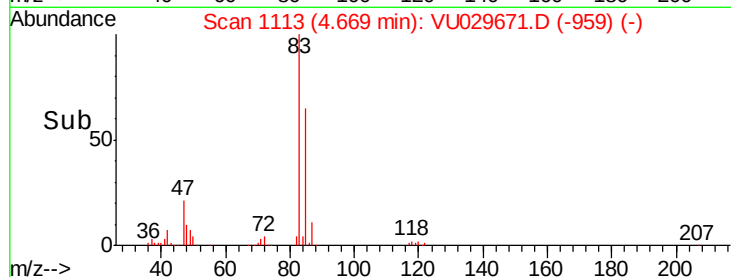
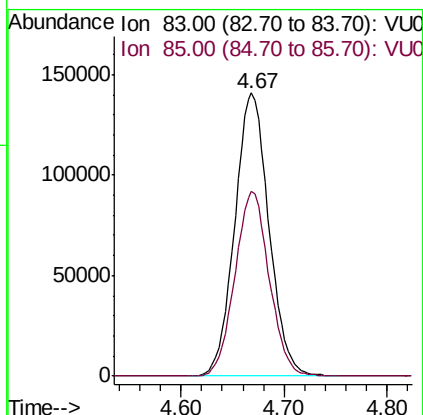
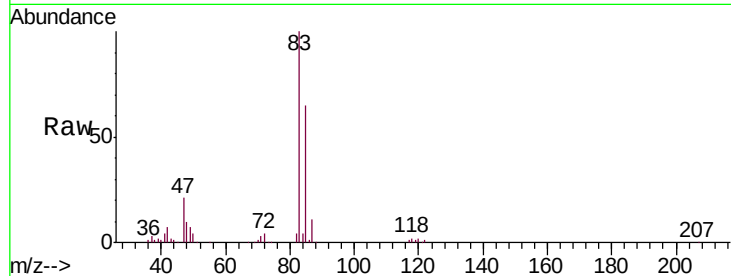




#27
Chloroform
Concen: 10.501 ug/l
RT: 4.67 min Scan# 1113
Delta R.T. -0.00 min
Lab File: VU029671.D
Acq: 26 Feb 2019 09:53

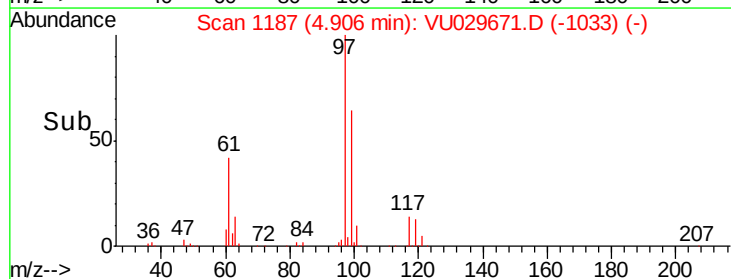
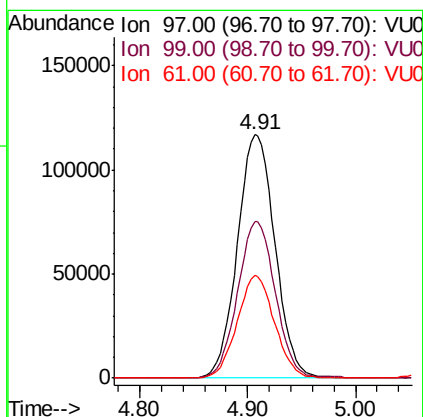
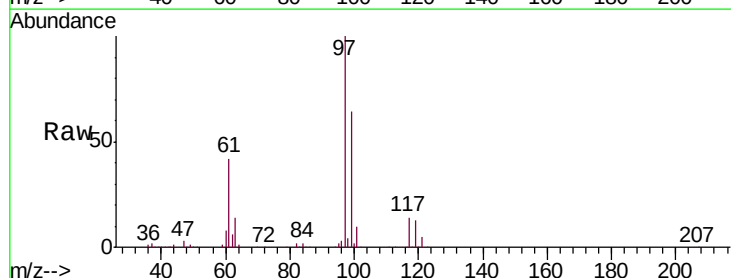
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

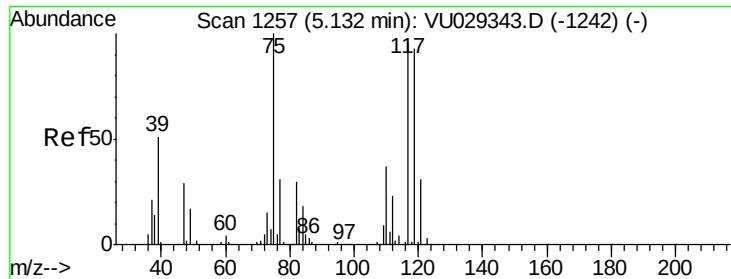
Tgt Ion: 83 Resp: 324049
Ion Ratio Lower Upper
83 100
85 65.1 0.0 126.6



#28
1,1,1-Trichloroethane
Concen: 9.935 ug/l
RT: 4.91 min Scan# 1187
Delta R.T. -0.00 min
Lab File: VU029671.D
Acq: 26 Feb 2019 09:53

Tgt Ion: 97 Resp: 284157
Ion Ratio Lower Upper
97 100
99 64.5 32.4 97.2
61 41.8 24.4 73.2





#29

1,1-Dichloropropene

Concen: 10.041 ug/l

RT: 5.13 min Scan# 1256

Delta R.T. -0.00 min

Lab File: VU029671.D

Acq: 26 Feb 2019 09:53

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

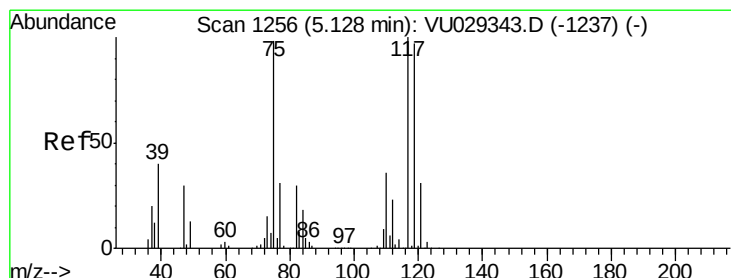
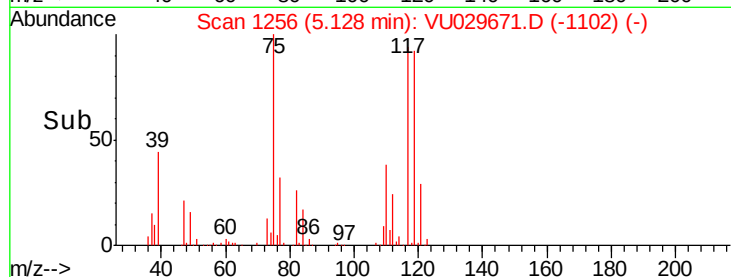
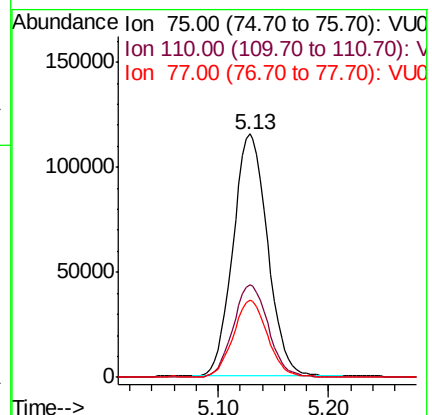
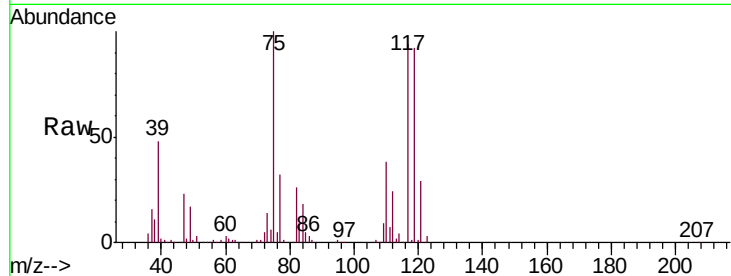
Tgt Ion: 75 Resp: 249317

Ion Ratio Lower Upper

75 100

110 39.0 15.4 46.2

77 31.6 24.1 36.1



#30

Carbon Tetrachloride

Concen: 9.826 ug/l

RT: 5.13 min Scan# 1255

Delta R.T. -0.00 min

Lab File: VU029671.D

Acq: 26 Feb 2019 09:53

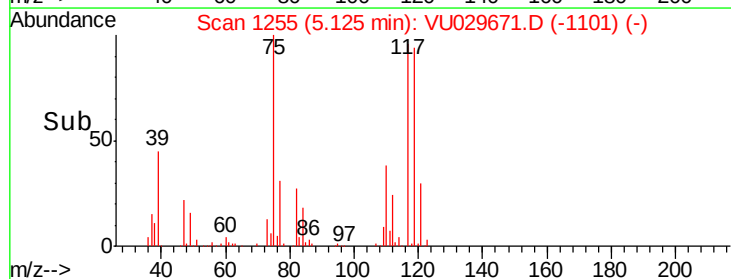
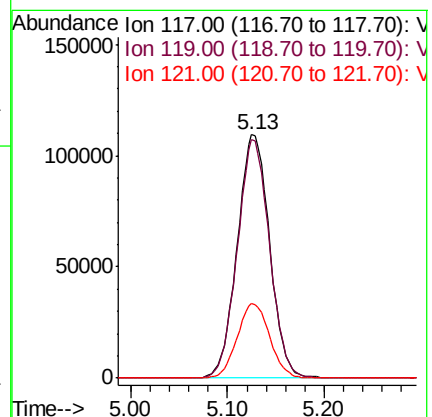
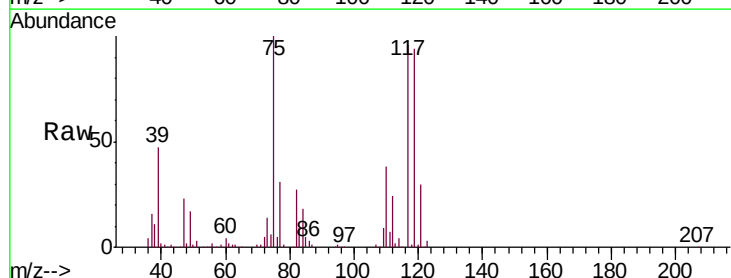
Tgt Ion: 117 Resp: 254441

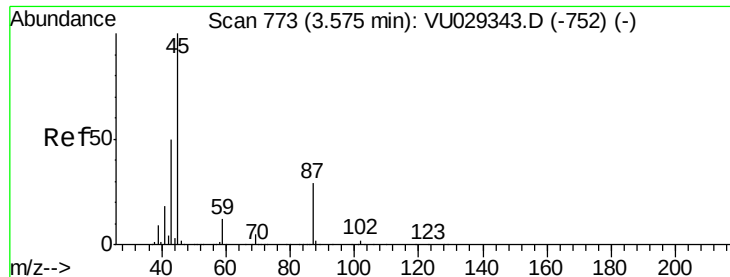
Ion Ratio Lower Upper

117 100

119 97.9 76.8 115.2

121 30.7 24.4 36.6





#31

Isopropyl Ether

Concen: 9.285 ug/l

RT: 3.57 min Scan# 772

Delta R.T. -0.00 min

Lab File: VU029671.D

Acq: 26 Feb 2019 09:53

Instrument :

MSVOA_U

ClientSampleId :

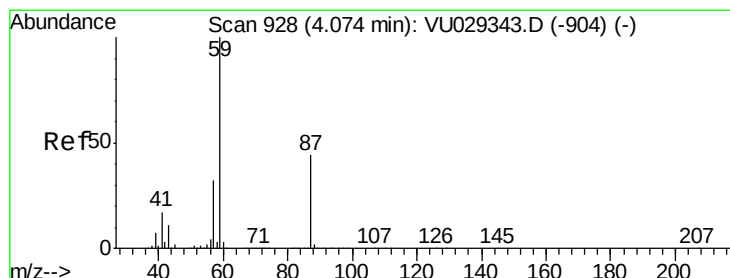
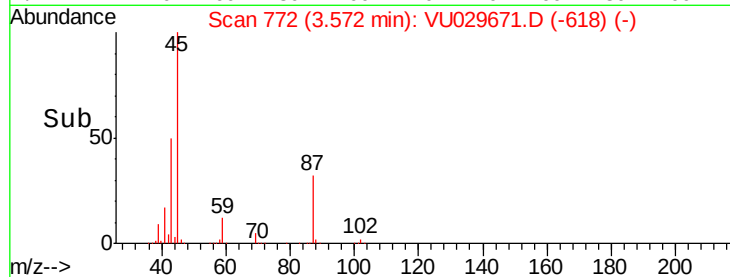
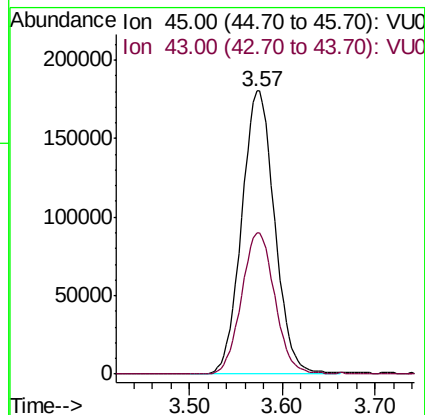
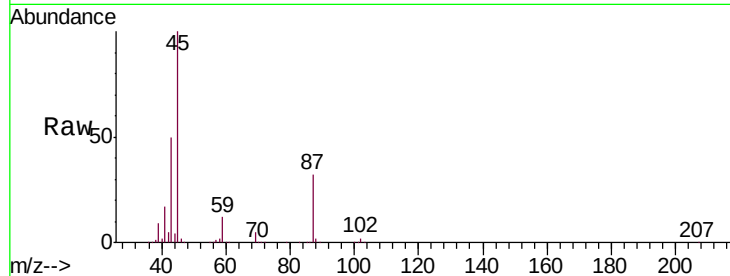
VSTDCCC010

Tgt Ion: 45 Resp: 444560

Ion Ratio Lower Upper

45 100

43 50.2 28.4 85.3



#32

Ethyl-t-butyl ether

Concen: 9.473 ug/l

RT: 4.07 min Scan# 927

Delta R.T. -0.00 min

Lab File: VU029671.D

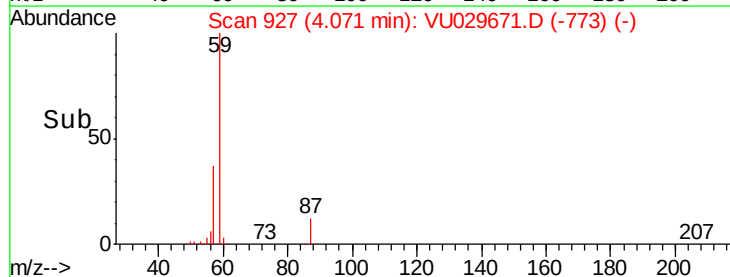
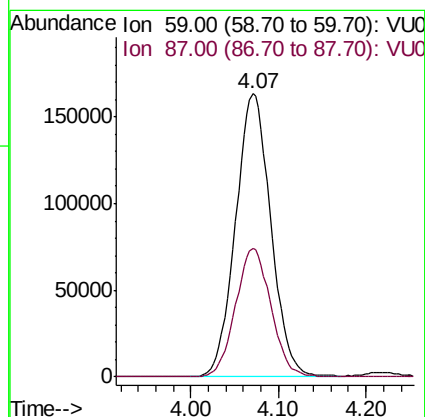
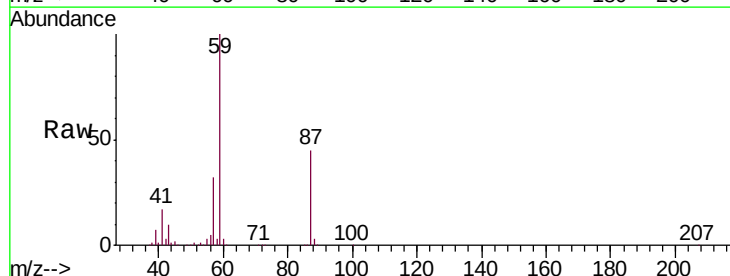
Acq: 26 Feb 2019 09:53

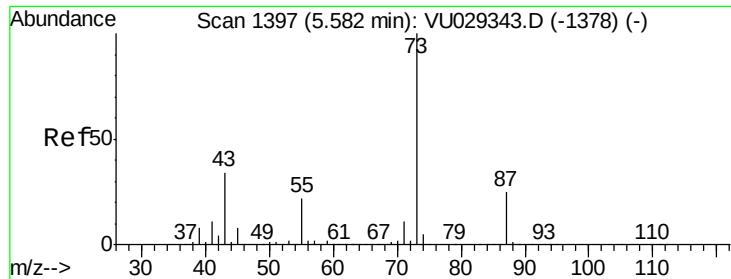
Tgt Ion: 59 Resp: 454543

Ion Ratio Lower Upper

59 100

87 45.3 31.1 46.7

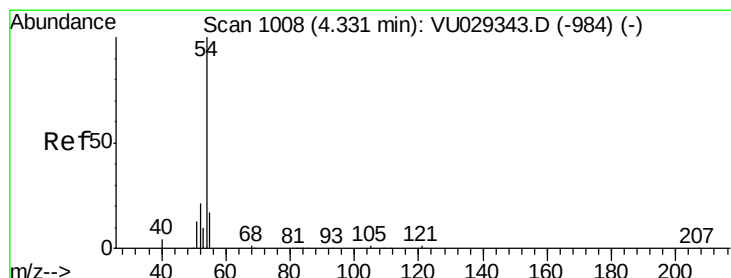
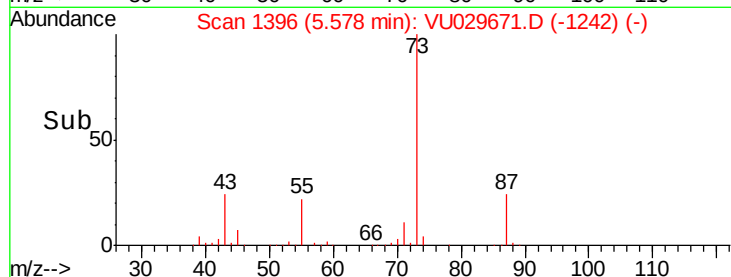
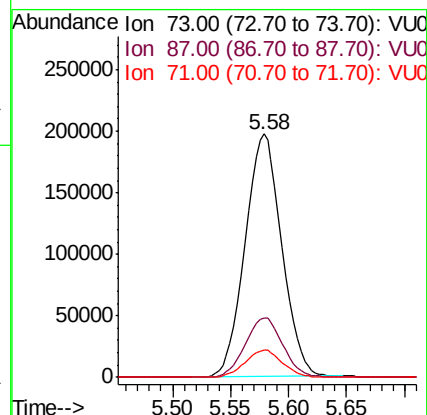
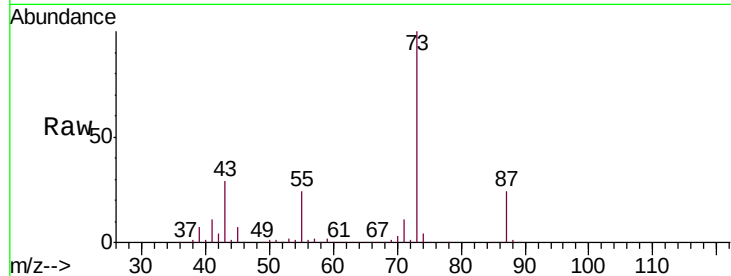




#33
Tert-Amyl methyl ether
Concen: 9.988 ug/l
RT: 5.58 min Scan# 1396
Delta R.T. -0.00 min
Lab File: VU029671.D
Acq: 26 Feb 2019 09:53

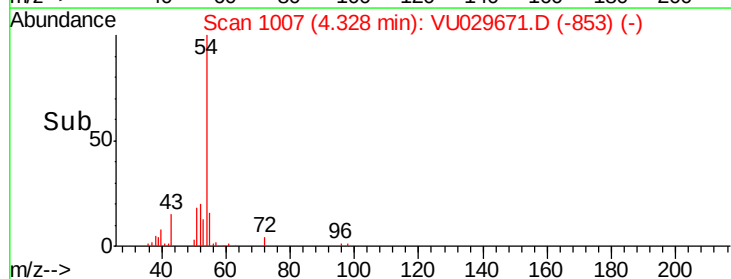
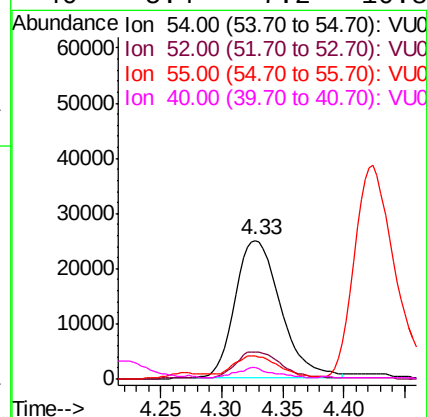
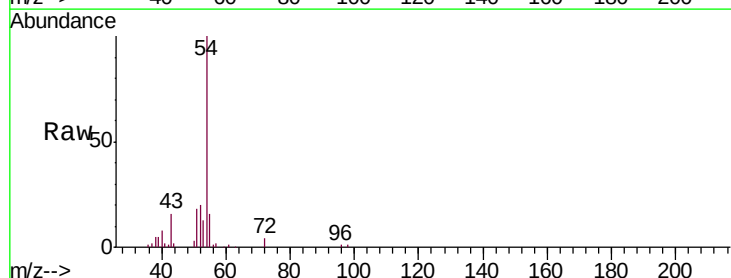
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

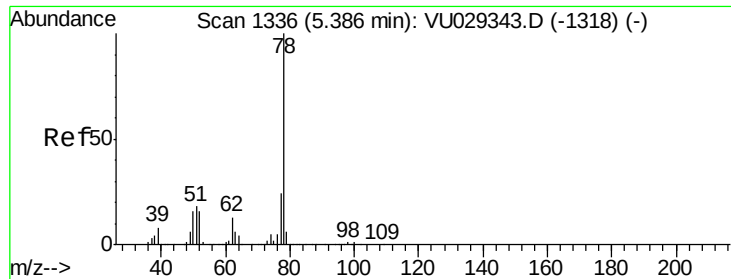
Tgt Ion: 73 Resp: 433313
Ion Ratio Lower Upper
73 100
87 25.1 19.4 29.0
71 11.4 9.0 13.4



#34
Propionitrile
Concen: 57.075 ug/l
RT: 4.33 min Scan# 1007
Delta R.T. -0.00 min
Lab File: VU029671.D
Acq: 26 Feb 2019 09:53

Tgt Ion: 54 Resp: 64854
Ion Ratio Lower Upper
54 100
52 19.4 18.9 28.3
55 15.2 15.1 22.7
40 5.4 7.2 10.8#





#35

Benzene

Concen: 10.643 ug/l

RT: 5.38 min Scan# 1335

Delta R.T. -0.00 min

Lab File: VU029671.D

Acq: 26 Feb 2019 09:53

Instrument :

MSVOA_U

ClientSampleId :

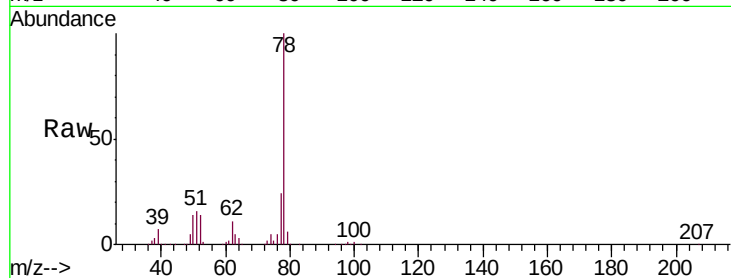
VSTDCCC010

Tgt Ion: 78 Resp: 730792

Ion Ratio Lower Upper

78 100

77 23.5 19.8 29.8



Abundance Ion 78.10 (77.80 to 78.80): VU0

Ion 77.00 (76.70 to 77.70): VU0

5.38

300000

200000

100000

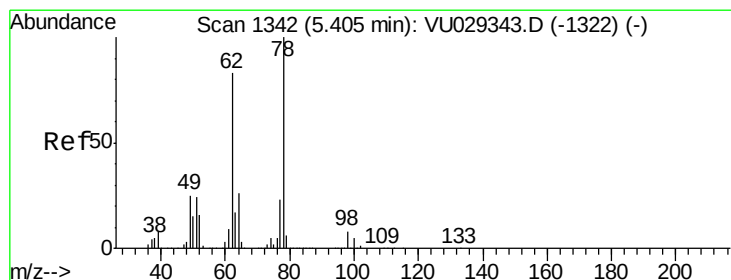
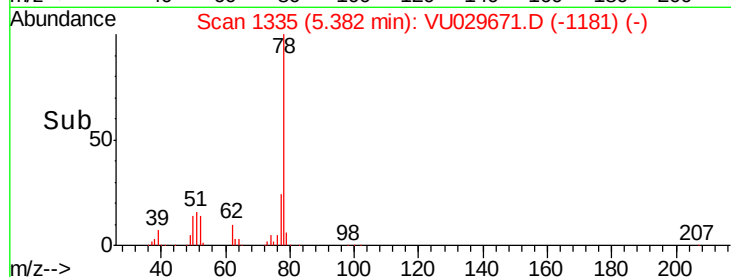
0

Time-->

5.30

5.40

5.50



#36

1,2-Dichloroethane

Concen: 9.788 ug/l

RT: 5.40 min Scan# 1341

Delta R.T. -0.00 min

Lab File: VU029671.D

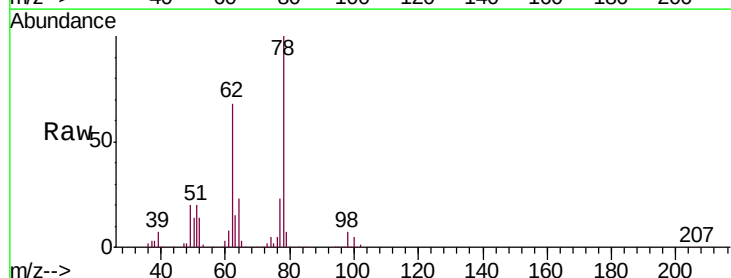
Acq: 26 Feb 2019 09:53

Tgt Ion: 62 Resp: 203273

Ion Ratio Lower Upper

62 100

98 10.1 4.9 7.3#



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 98.00 (97.70 to 98.70): VU0

5.40

100000

80000

60000

40000

20000

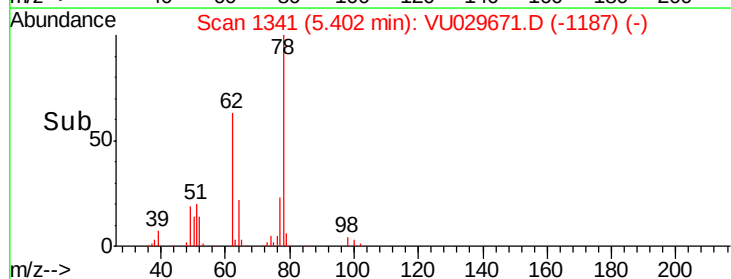
0

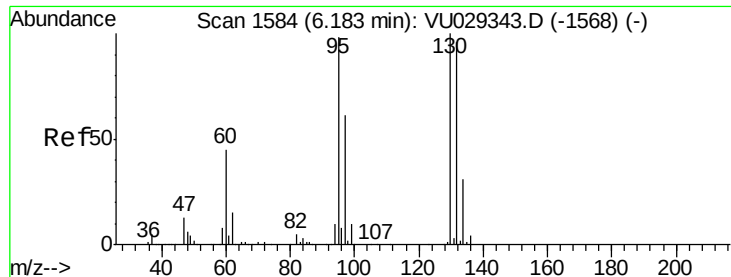
Time-->

5.30

5.40

5.50





#37

Trichloroethene

Concen: 11.009 ug/l

RT: 6.18 min Scan# 1583

Delta R.T. -0.00 min

Lab File: VU029671.D

Acq: 26 Feb 2019 09:53

Instrument :

MSVOA_U

ClientSampleId :

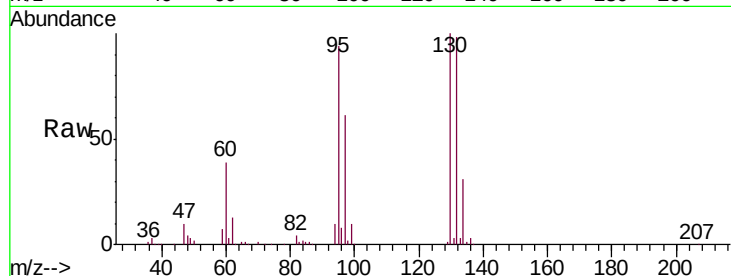
VSTDCCC010

Tgt Ion:130 Resp: 216919

Ion Ratio Lower Upper

130 100

95 94.2 85.4 128.0



Abundance Ion 129.90 (129.60 to 130.60): VU029343.D (-1568) (-)

Ion 94.90 (94.60 to 95.60): VU029343.D (-1568) (-)

6.18

120000

100000

80000

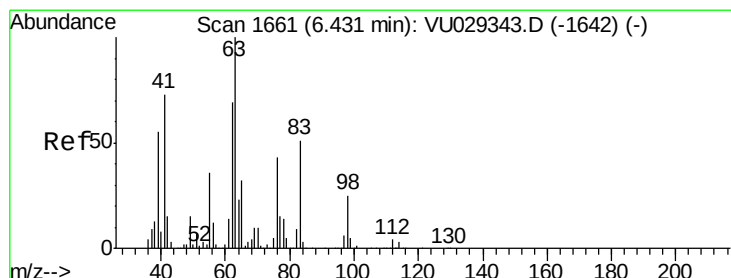
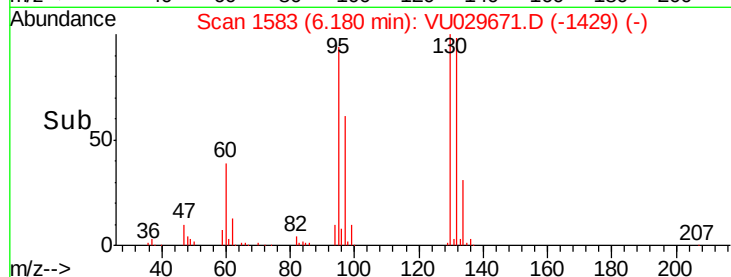
60000

40000

20000

0

Time-->



#38

1,2-Dichloropropane

Concen: 10.472 ug/l

RT: 6.43 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VU029671.D

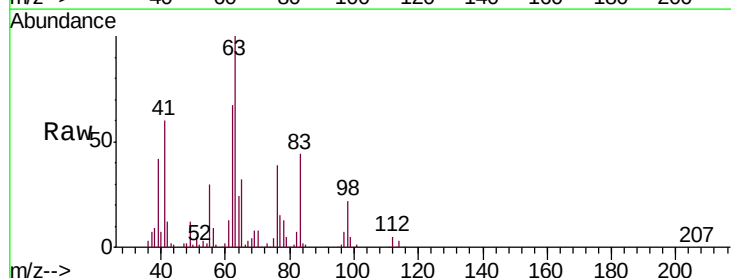
Acq: 26 Feb 2019 09:53

Tgt Ion: 63 Resp: 187058

Ion Ratio Lower Upper

63 100

65 32.0 25.5 38.3



Abundance Ion 63.00 (62.70 to 63.70): VU029343.D (-1642) (-)

Ion 65.00 (64.70 to 65.70): VU029343.D (-1642) (-)

6.43

100000

80000

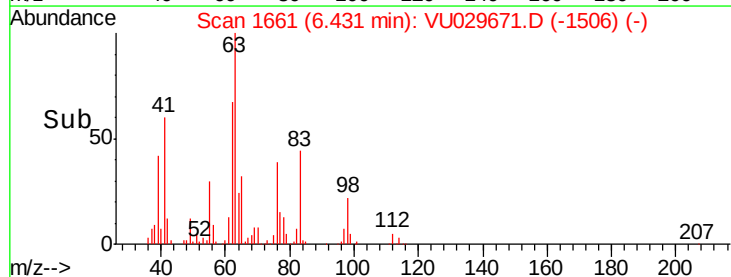
60000

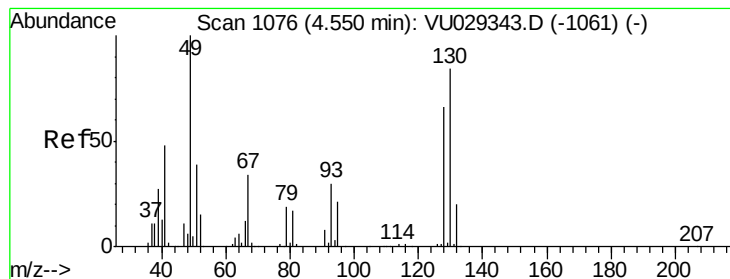
40000

20000

0

Time-->





#39

Methacrylonitrile

Concen: 9.527 ug/l

RT: 4.54 min Scan# 1074

Delta R.T. -0.01 min

Lab File: VU029671.D

Acq: 26 Feb 2019 09:53

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

Tgt Ion: 41 Resp: 55436

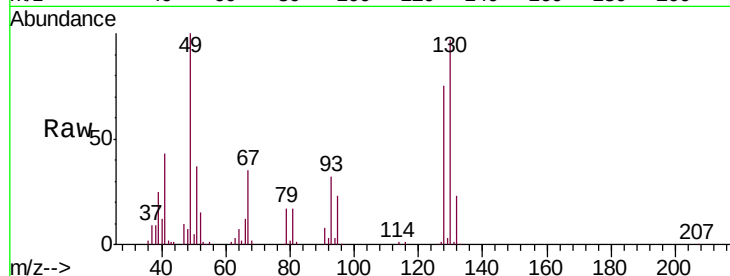
Ion Ratio Lower Upper

41 100

67 82.1 50.1 75.1#

39 54.9 47.9 71.9

52 33.1 24.8 37.2

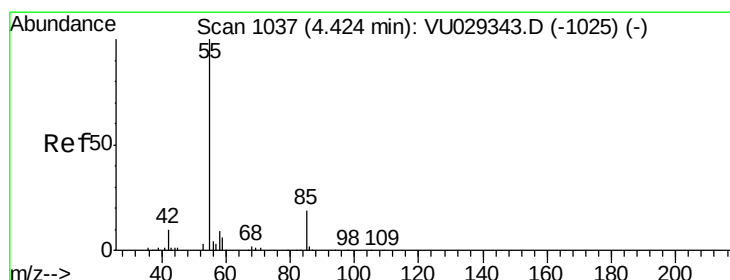
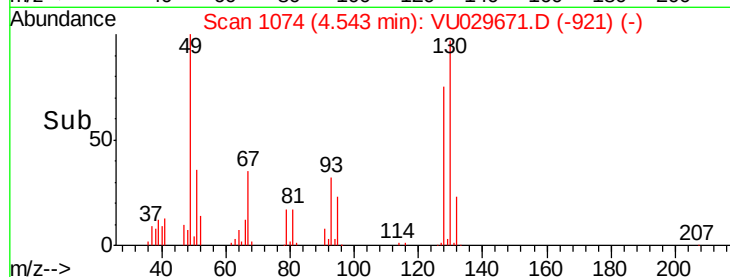
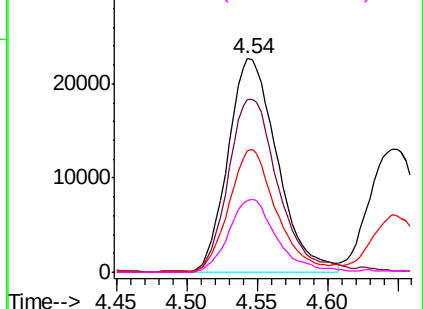


Abundance Ion 41.00 (40.70 to 41.70): VU0

Ion 67.00 (66.70 to 67.70): VU0

Ion 39.00 (38.70 to 39.70): VU0

Ion 52.00 (51.70 to 52.70): VU0



#40

Methyl acrylate

Concen: 10.207 ug/l

RT: 4.42 min Scan# 1037

Delta R.T. -0.00 min

Lab File: VU029671.D

Acq: 26 Feb 2019 09:53

Tgt Ion: 55 Resp: 89658

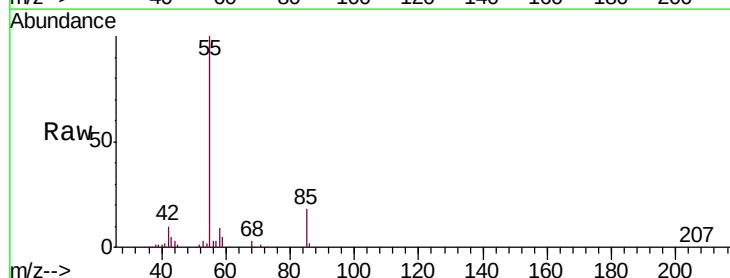
Ion Ratio Lower Upper

55 100

85 19.2 11.3 16.9#

58 9.5 6.2 9.4#

42 9.2 10.1 15.1#

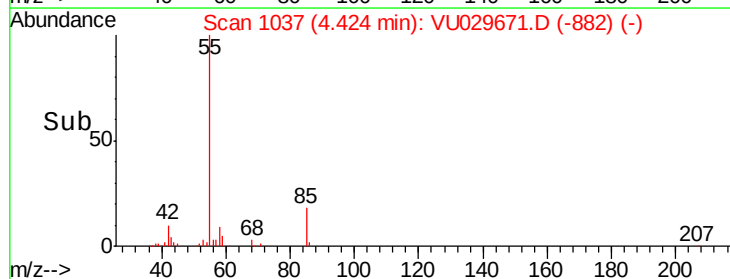
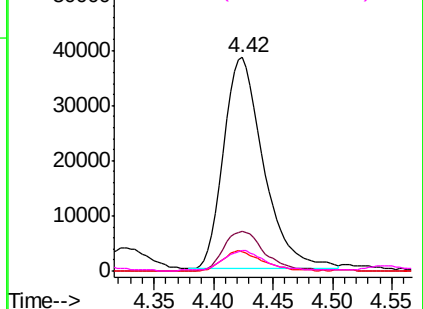


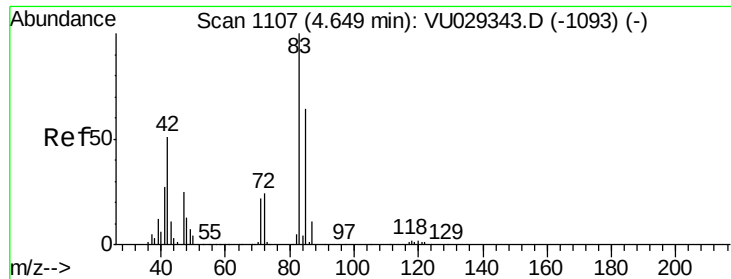
Abundance Ion 55.00 (54.70 to 55.70): VU0

Ion 85.00 (84.70 to 85.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

Ion 42.00 (41.70 to 42.70): VU0





#41

Tetrahydrofuran

Concen: 18.765 ug/l

RT: 4.64 min Scan# 1105

Delta R.T. -0.01 min

Lab File: VU029671.D

Acq: 26 Feb 2019 09:53

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

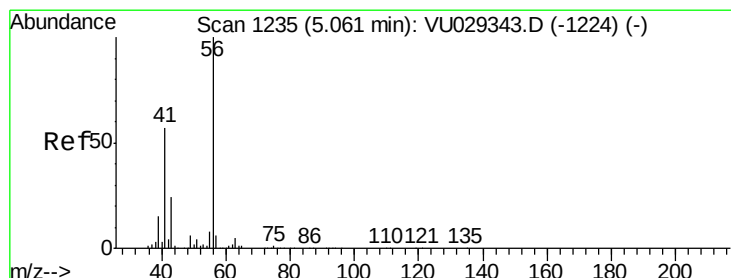
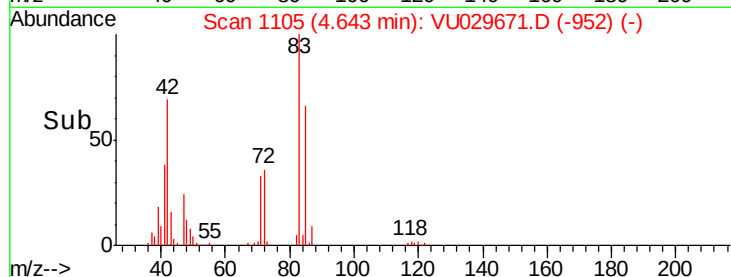
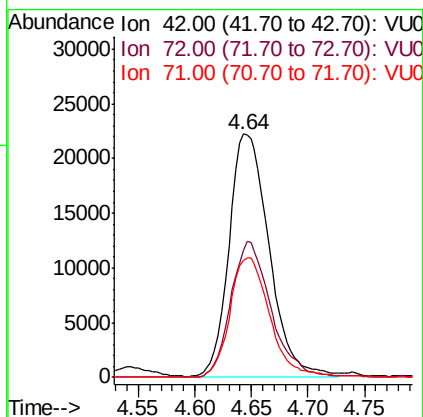
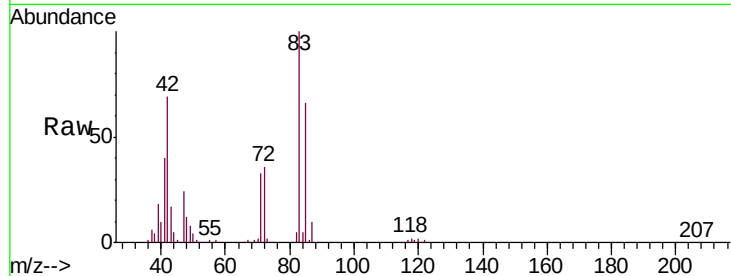
Tgt Ion: 42 Resp: 55005

Ion Ratio Lower Upper

42 100

72 55.7 33.1 49.7#

71 48.8 30.2 45.2#



#42

1-Chlorobutane

Concen: 9.782 ug/l

RT: 5.06 min Scan# 1235

Delta R.T. -0.00 min

Lab File: VU029671.D

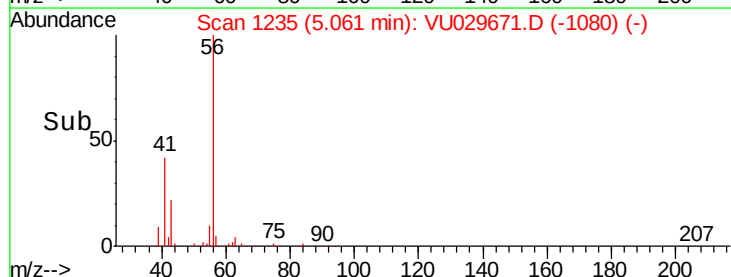
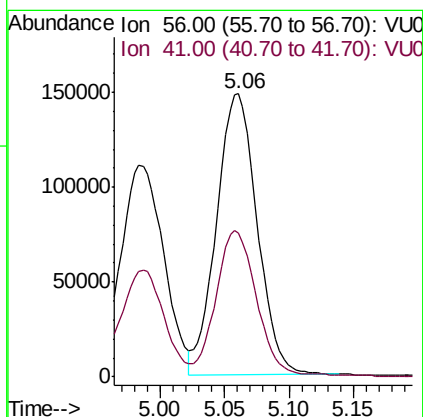
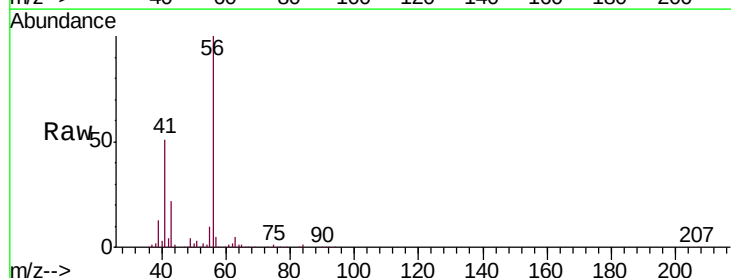
Acq: 26 Feb 2019 09:53

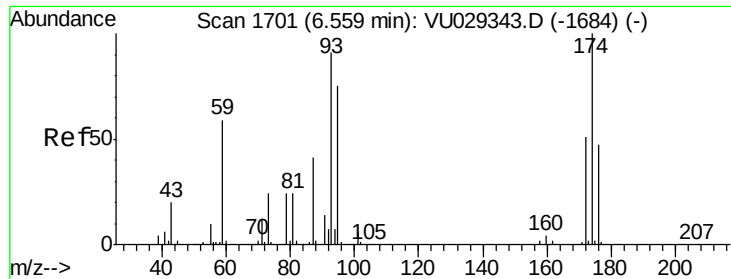
Tgt Ion: 56 Resp: 325415

Ion Ratio Lower Upper

56 100

41 49.9 31.3 93.8





#43

Dibromomethane

Concen: 10.576 ug/l

RT: 6.56 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VU029671.D

Acq: 26 Feb 2019 09:53

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

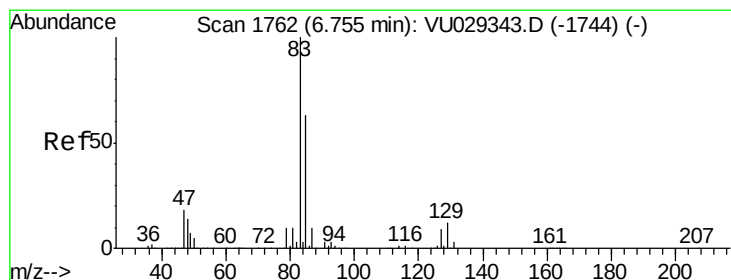
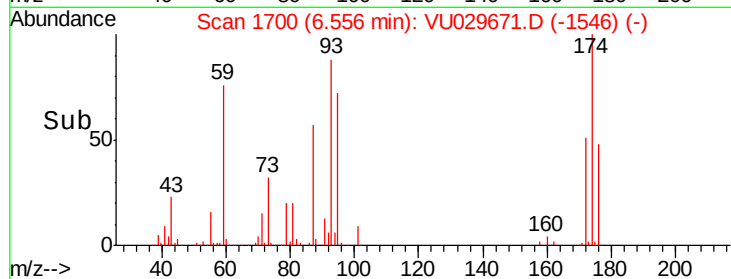
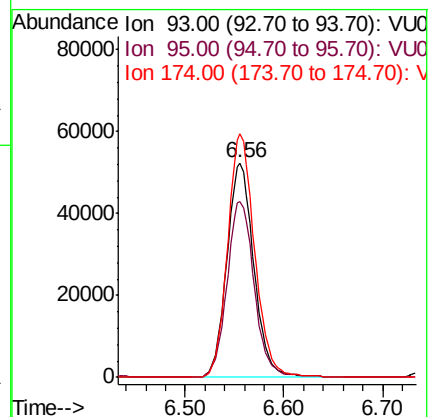
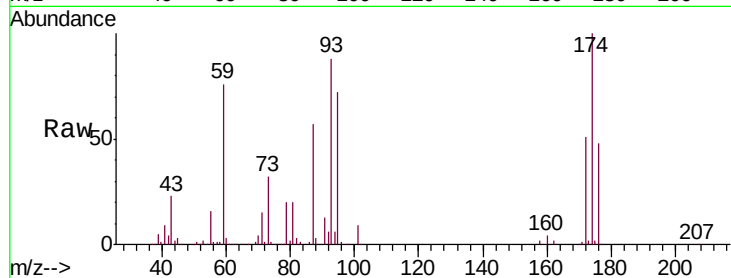
Tgt Ion: 93 Resp: 100667

Ion Ratio Lower Upper

93 100

95 82.9 68.2 102.2

174 113.3 77.6 116.4



#44

Bromodichloromethane

Concen: 9.843 ug/l

RT: 6.75 min Scan# 1761

Delta R.T. -0.00 min

Lab File: VU029671.D

Acq: 26 Feb 2019 09:53

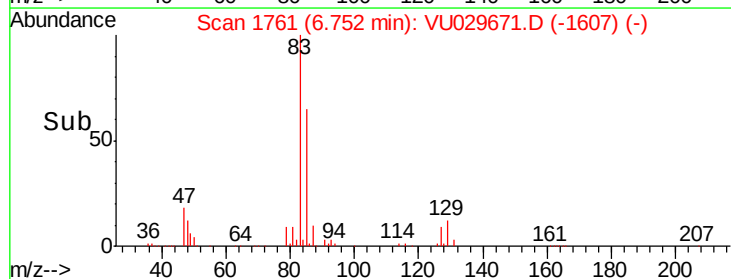
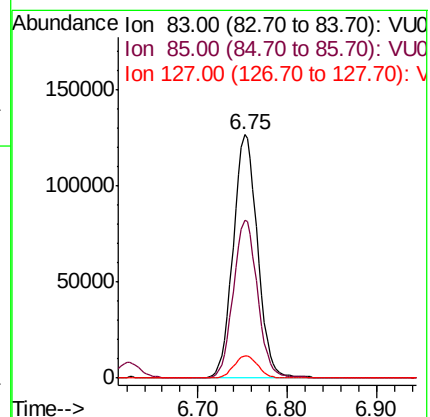
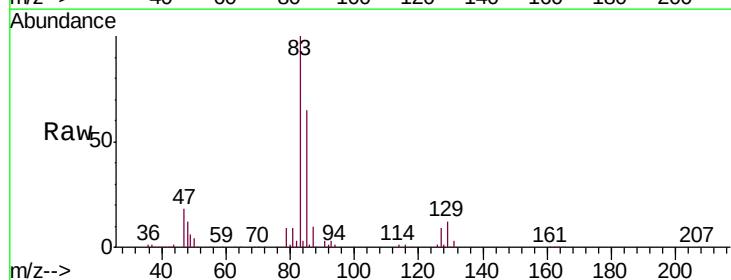
Tgt Ion: 83 Resp: 238727

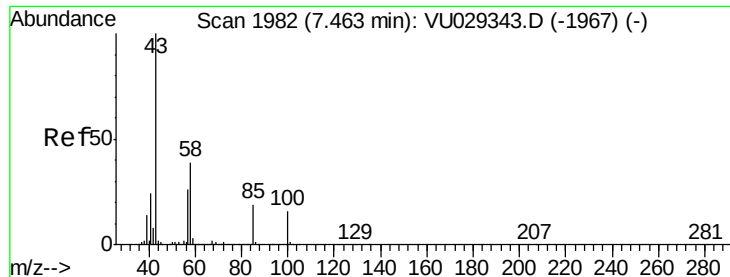
Ion Ratio Lower Upper

83 100

85 64.8 49.2 73.8

127 9.4 7.0 10.6

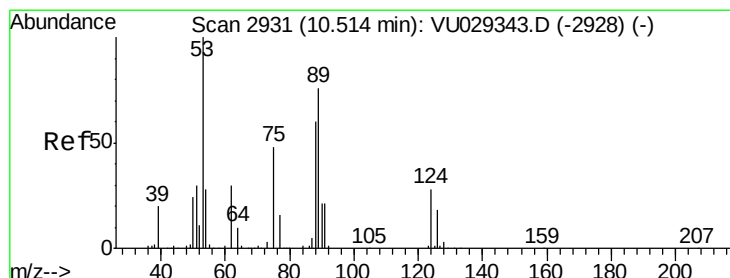
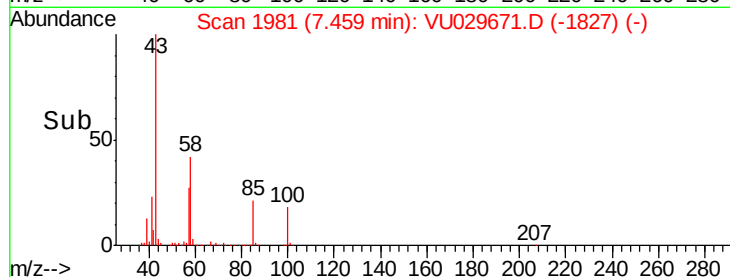
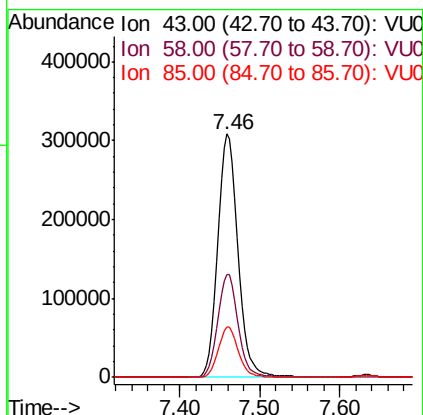
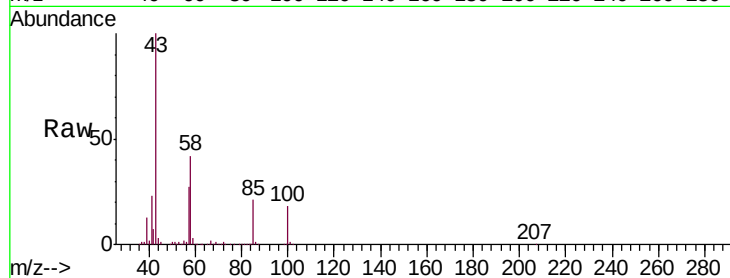




#45
 4-Methyl-2-Pentanone
 Concen: 48.827 ug/l
 RT: 7.46 min Scan# 1981
 Delta R.T. -0.00 min
 Lab File: VU029671.D
 Acq: 26 Feb 2019 09:53

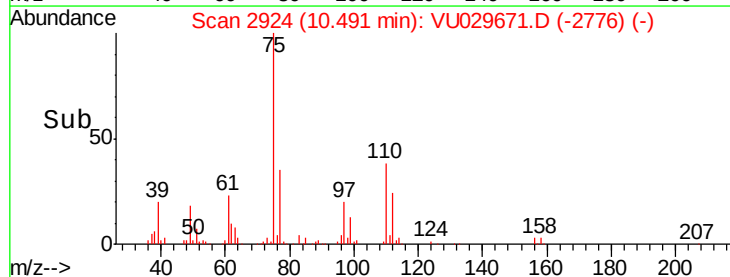
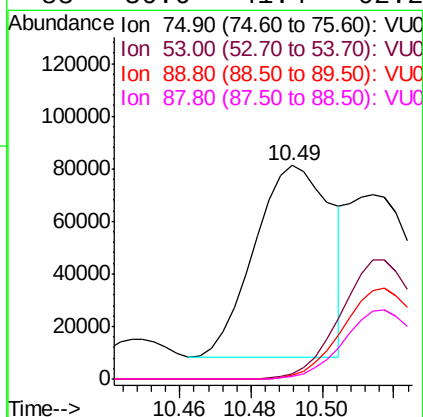
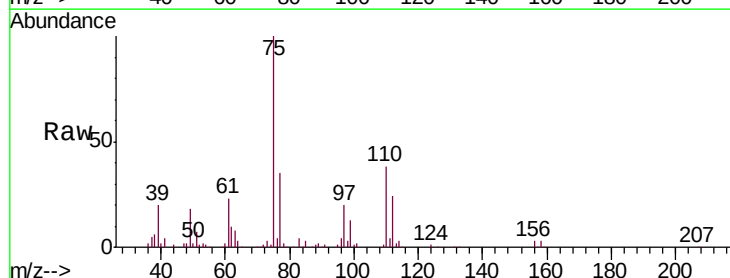
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010

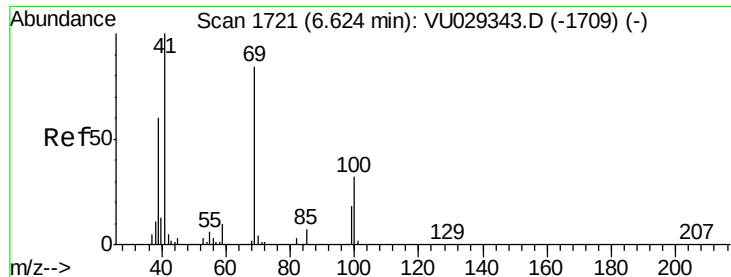
Tgt Ion: 43 Resp: 544833
 Ion Ratio Lower Upper
 43 100
 58 42.4 17.6 52.8
 85 20.4 12.3 18.5#



#46
 t-1,4-Dichloro-2-butene
 Concen: 20.080 ug/l
 RT: 10.49 min Scan# 2924
 Delta R.T. -0.02 min
 Lab File: VU029671.D
 Acq: 26 Feb 2019 09:53

Tgt Ion: 75 Resp: 109162
 Ion Ratio Lower Upper
 75 100
 53 64.9 78.2 117.4#
 89 49.5 44.2 66.4
 88 36.6 41.4 62.2#





#47

Methyl methacrylate

Concen: 21.525 ug/l

RT: 6.62 min Scan# 1720

Delta R.T. -0.00 min

Lab File: VU029671.D

Acq: 26 Feb 2019 09:53

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

Tgt Ion: 69 Resp: 180273

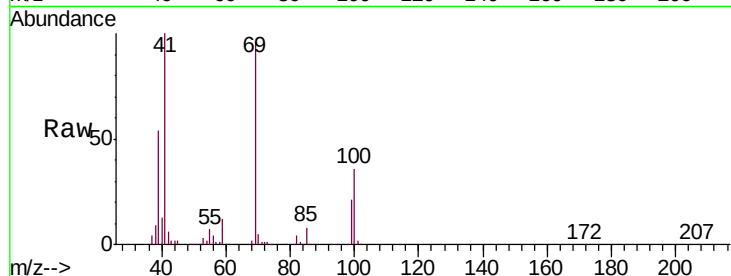
Ion Ratio Lower Upper

69 100

41 103.4 0.0 296.2

39 56.8 71.2 106.8#

100 37.7 28.6 42.8



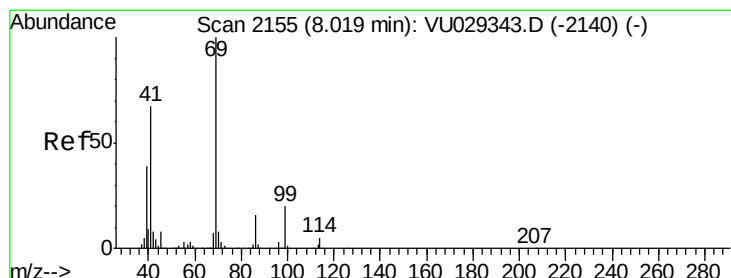
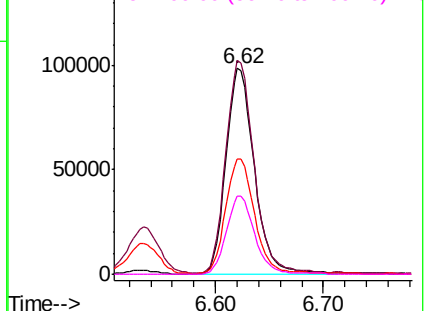
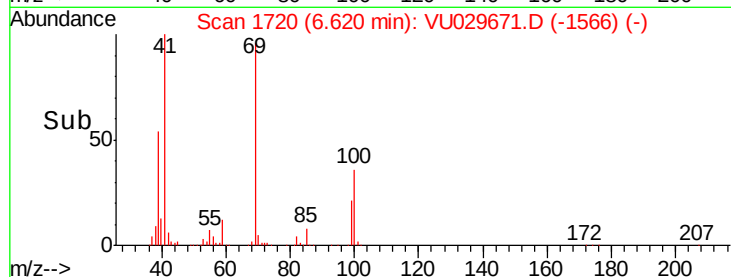
Abundance

Ion 69.00 (68.70 to 69.70): VU0

Ion 41.00 (40.70 to 41.70): VU0

Ion 39.00 (38.70 to 39.70): VU0

Ion 100.00 (99.70 to 100.70): VU0



#48

Ethyl methacrylate

Concen: 10.203 ug/l

RT: 8.02 min Scan# 2154

Delta R.T. -0.00 min

Lab File: VU029671.D

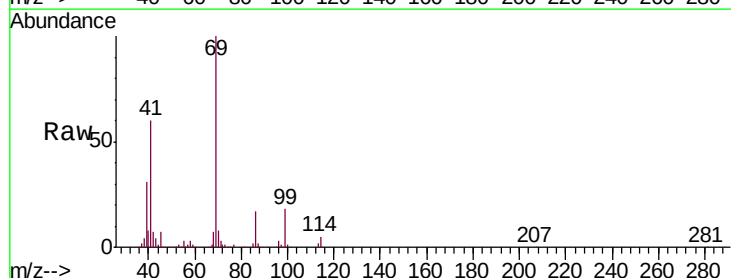
Acq: 26 Feb 2019 09:53

Tgt Ion: 69 Resp: 183319

Ion Ratio Lower Upper

69 100

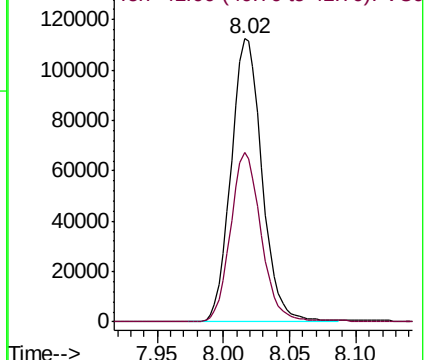
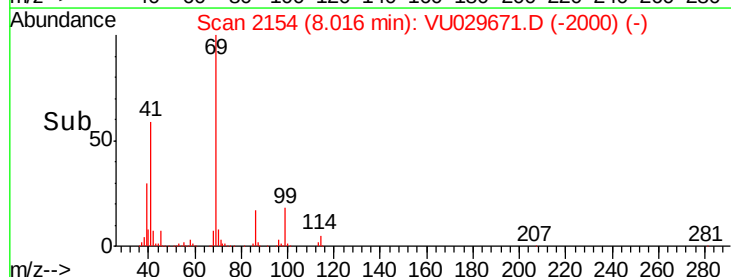
41 59.4 39.9 119.7

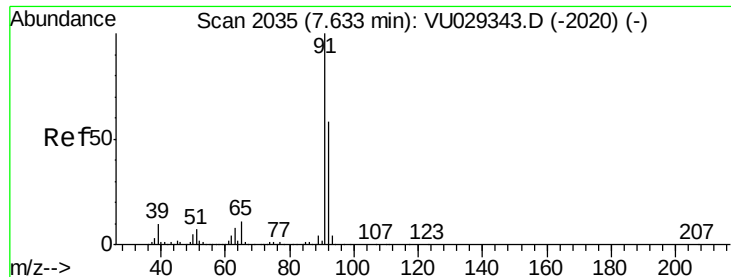


Abundance

Ion 69.00 (68.70 to 69.70): VU0

Ion 41.00 (40.70 to 41.70): VU0





#49

Toluene

Concen: 10.882 ug/l

RT: 7.63 min Scan# 2035

Delta R.T. -0.00 min

Lab File: VU029671.D

Acq: 26 Feb 2019 09:53

Instrument :

MSVOA_U

ClientSampleId :

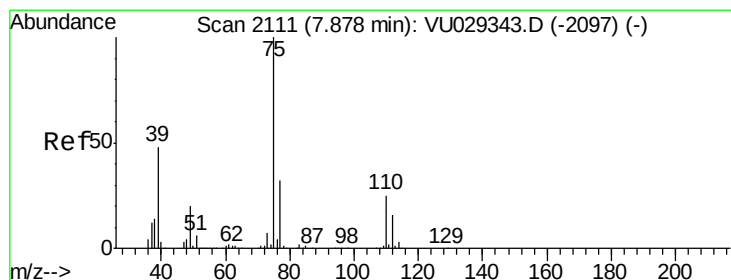
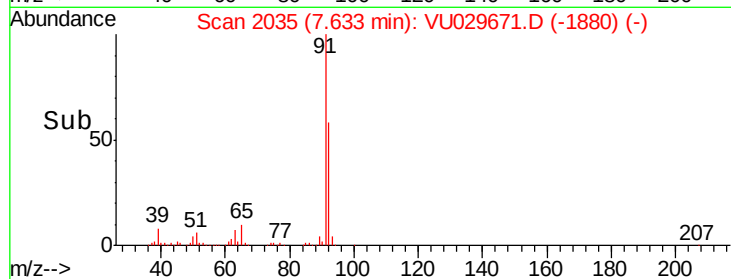
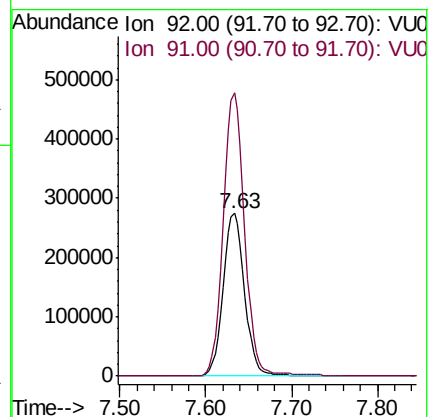
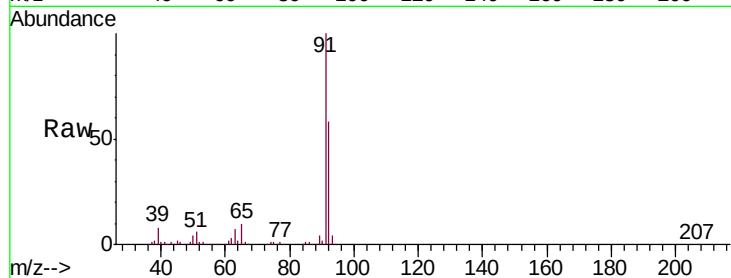
VSTDCCC010

Tgt Ion: 92 Resp: 478145

Ion Ratio Lower Upper

92 100

91 173.2 140.7 211.1



#50

t-1,3-Dichloropropene

Concen: 9.604 ug/l

RT: 7.88 min Scan# 2111

Delta R.T. -0.00 min

Lab File: VU029671.D

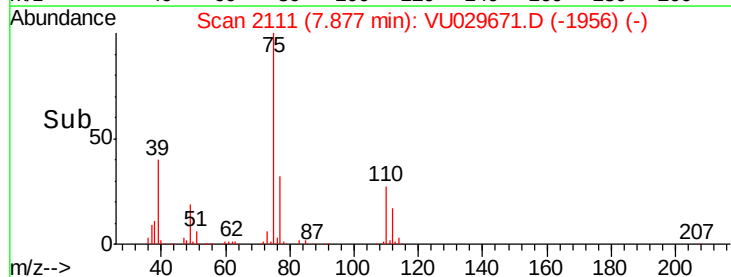
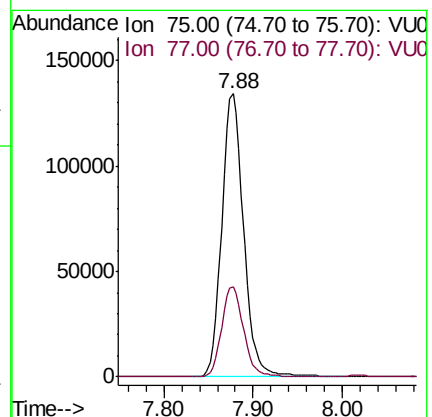
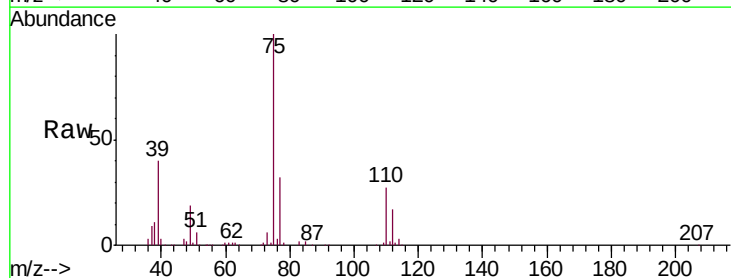
Acq: 26 Feb 2019 09:53

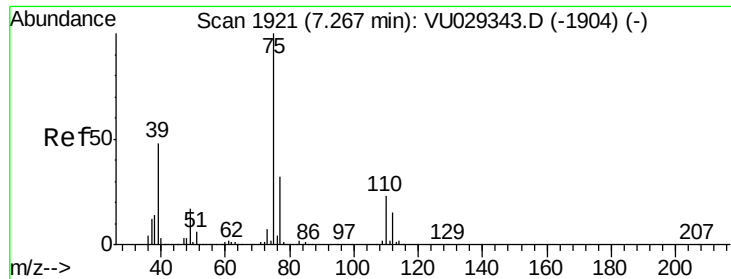
Tgt Ion: 75 Resp: 228336

Ion Ratio Lower Upper

75 100

77 31.5 23.6 35.4

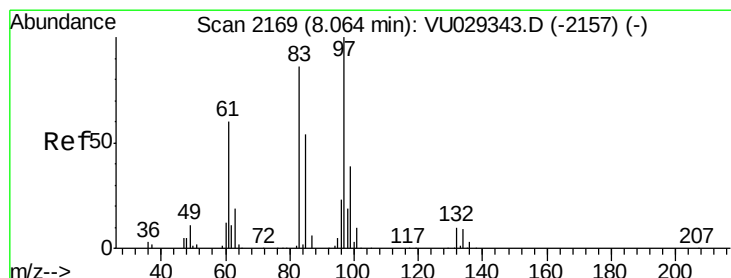
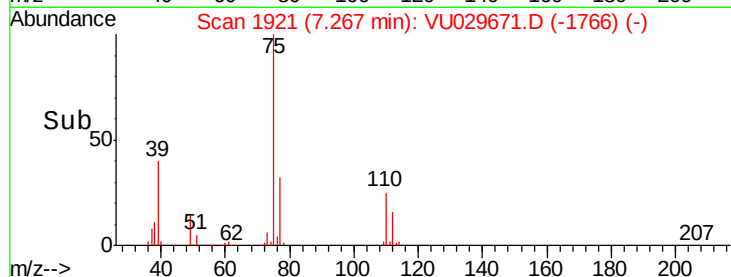
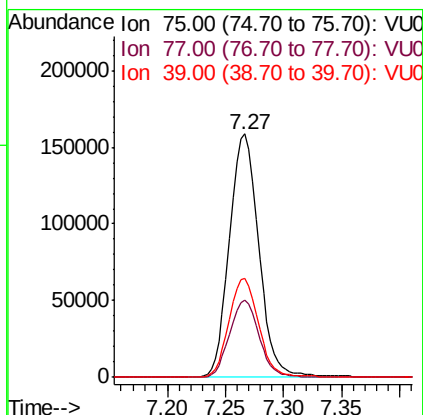
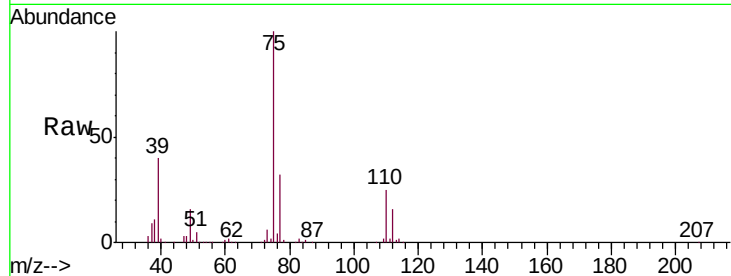




#51
 cis-1,3-Dichloropropene
 Concen: 9.874 ug/l
 RT: 7.27 min Scan# 1921
 Delta R.T. -0.00 min
 Lab File: VU029671.D
 Acq: 26 Feb 2019 09:53

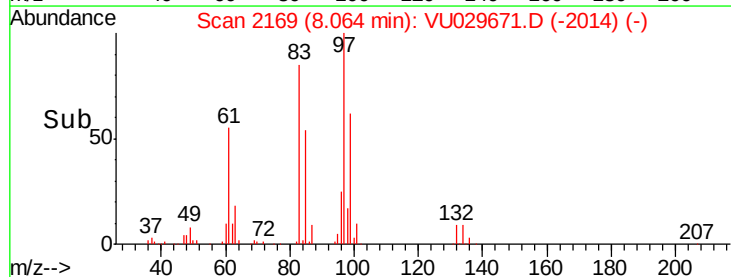
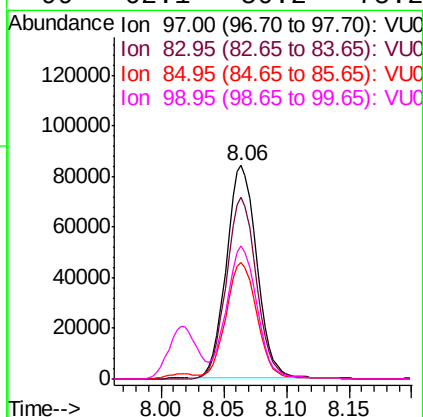
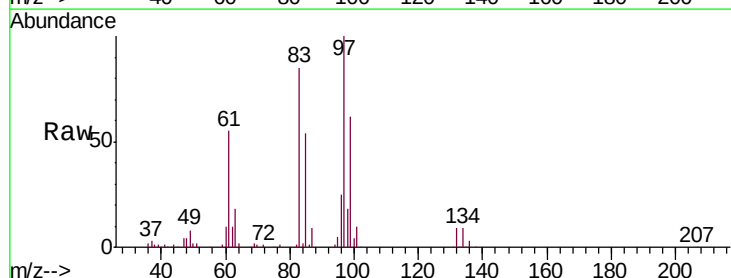
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010

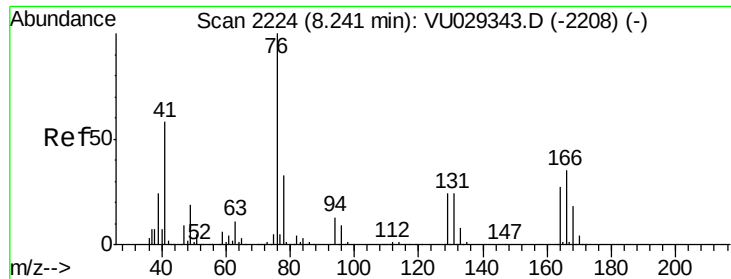
Tgt Ion: 75 Resp: 278869
 Ion Ratio Lower Upper
 75 100
 77 31.6 24.9 37.3
 39 40.3 47.2 70.8#



#52
 1,1,2-Trichloroethane
 Concen: 11.271 ug/l
 RT: 8.06 min Scan# 2169
 Delta R.T. -0.00 min
 Lab File: VU029671.D
 Acq: 26 Feb 2019 09:53

Tgt Ion: 97 Resp: 142038
 Ion Ratio Lower Upper
 97 100
 83 85.4 69.9 104.9
 85 54.0 45.8 68.6
 99 62.1 50.2 75.2

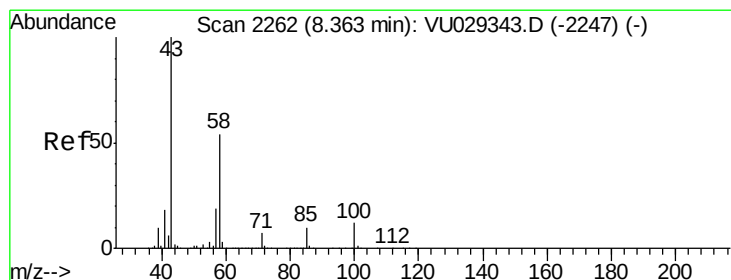
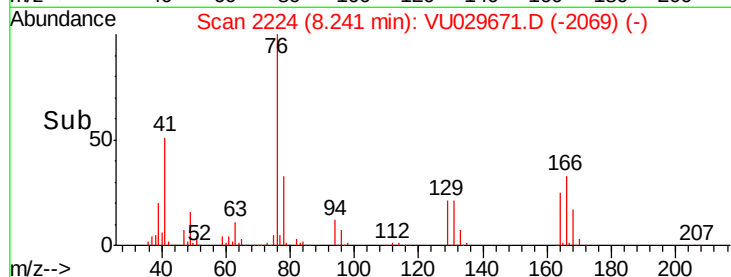
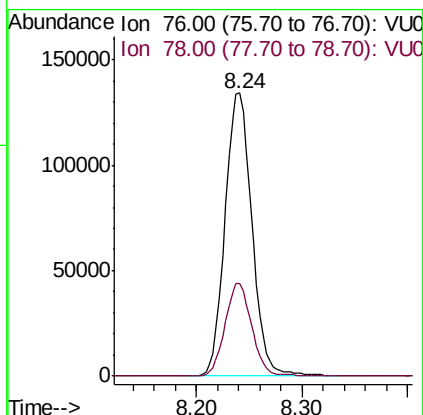
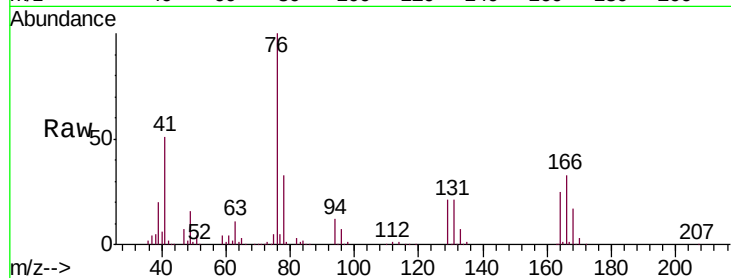




#53
 1,3-Dichloropropane
 Concen: 10.701 ug/l
 RT: 8.24 min Scan# 2224
 Delta R.T. -0.00 min
 Lab File: VU029671.D
 Acq: 26 Feb 2019 09:53

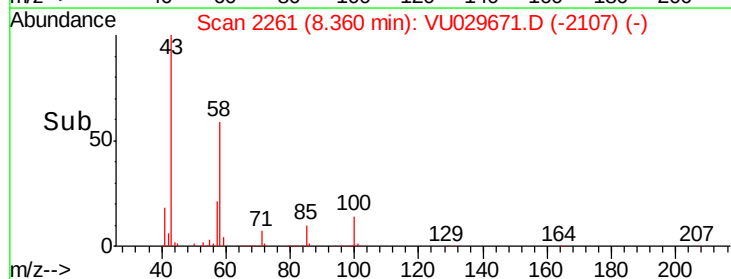
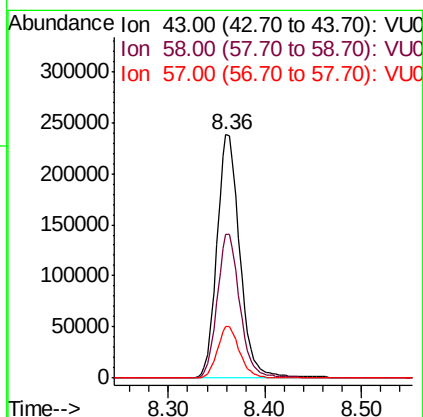
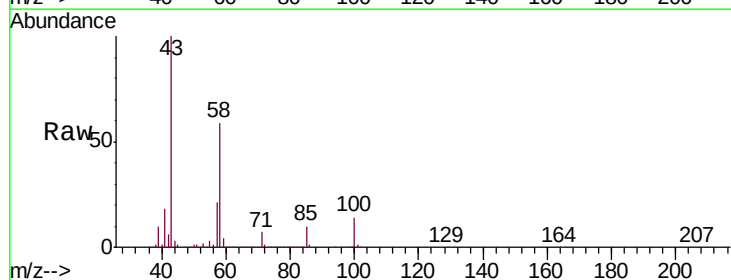
Instrument :
 MSVOA_U
 ClientSampled :
 VSTDCCC010

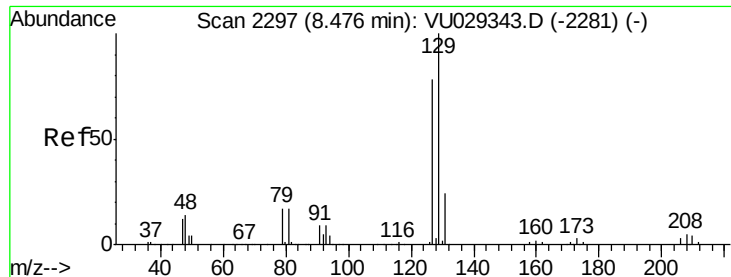
Tgt Ion: 76 Resp: 236902
 Ion Ratio Lower Upper
 76 100
 78 32.6 26.3 39.5



#54
 2-Hexanone
 Concen: 50.074 ug/l
 RT: 8.36 min Scan# 2261
 Delta R.T. -0.00 min
 Lab File: VU029671.D
 Acq: 26 Feb 2019 09:53

Tgt Ion: 43 Resp: 391657
 Ion Ratio Lower Upper
 43 100
 58 58.8 26.0 66.0
 57 20.6 0.0 37.7

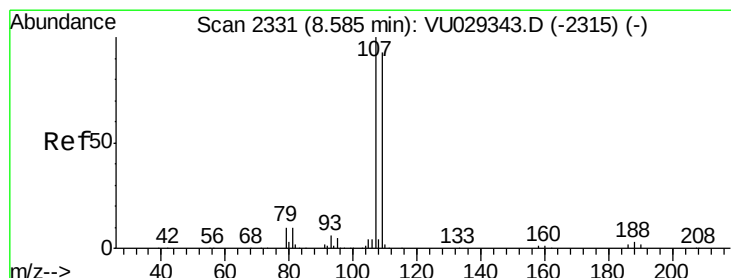
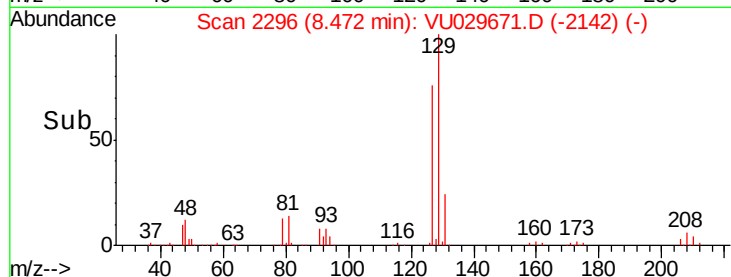
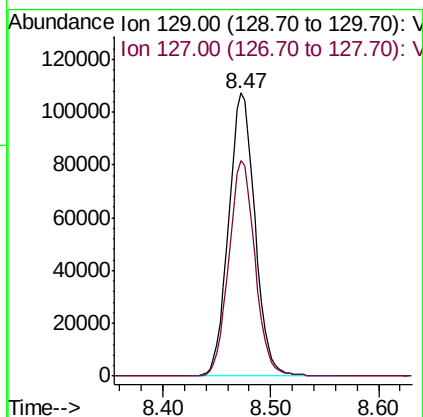
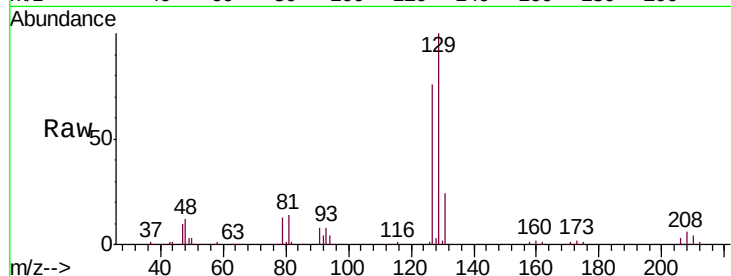




#55
 Dibromochloromethane
 Concen: 10.219 ug/l
 RT: 8.47 min Scan# 2296
 Delta R.T. -0.00 min
 Lab File: VU029671.D
 Acq: 26 Feb 2019 09:53

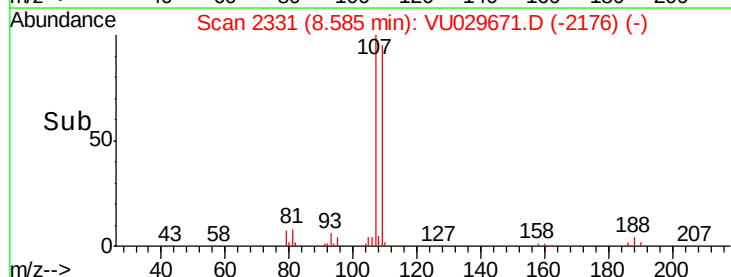
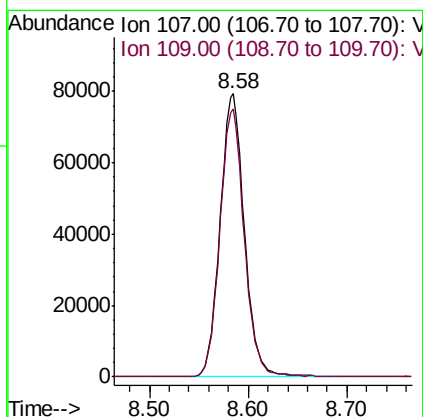
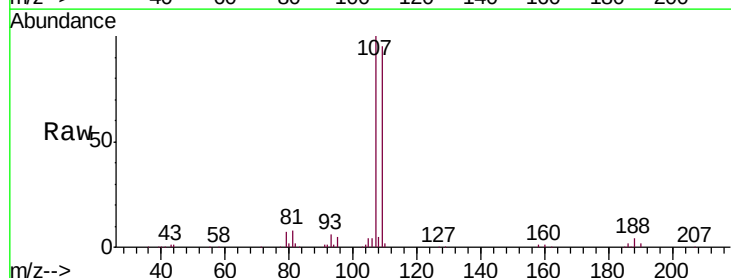
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010

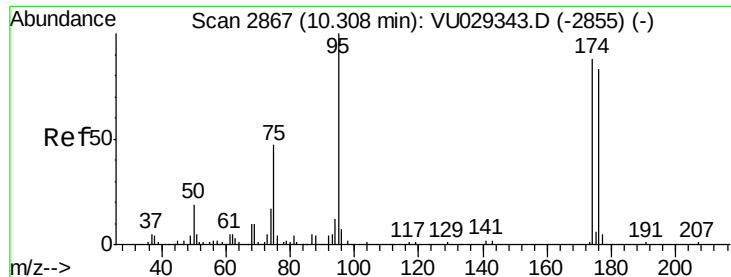
Tgt Ion:129 Resp: 183042
 Ion Ratio Lower Upper
 129 100
 127 75.8 60.5 90.7



#56
 1,2-Dibromoethane
 Concen: 10.625 ug/l
 RT: 8.58 min Scan# 2331
 Delta R.T. -0.00 min
 Lab File: VU029671.D
 Acq: 26 Feb 2019 09:53

Tgt Ion:107 Resp: 137373
 Ion Ratio Lower Upper
 107 100
 109 94.7 0.0 189.6

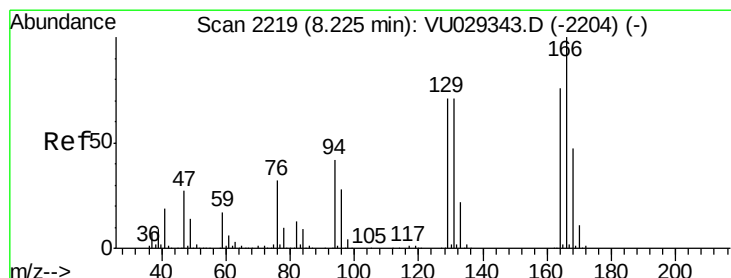
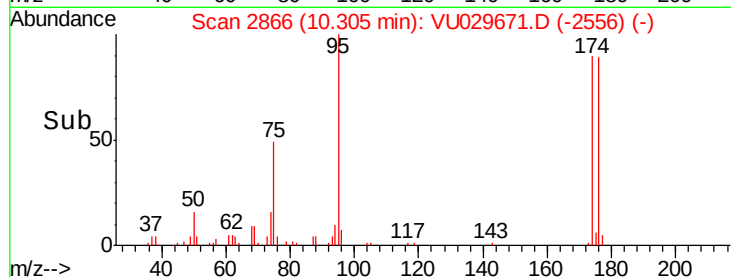
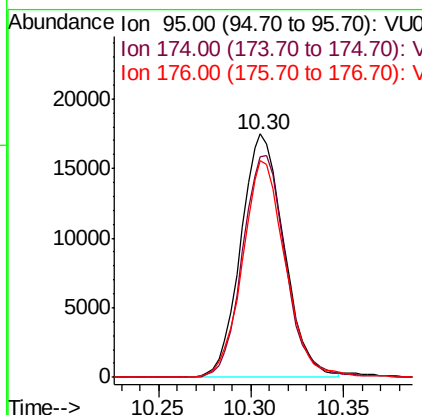
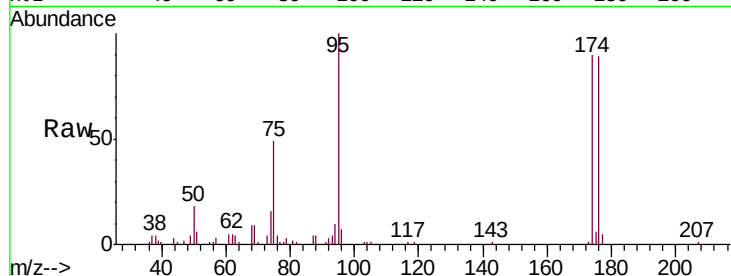




#57
4-Bromofluorobenzene
Concen: 10.625 ug/l
RT: 10.30 min Scan# 2866
Delta R.T. -0.00 min
Lab File: VU029671.D
Acq: 26 Feb 2019 09:53

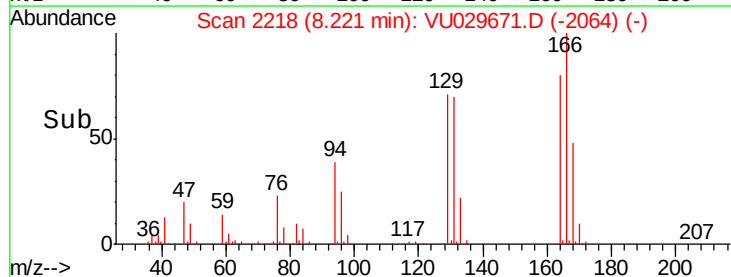
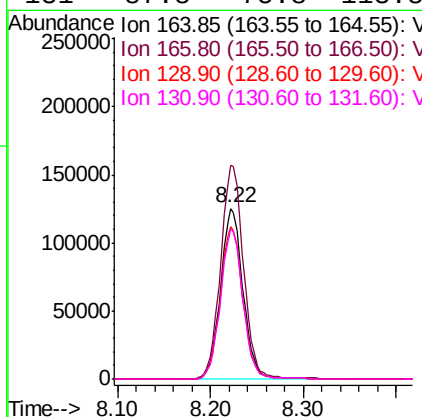
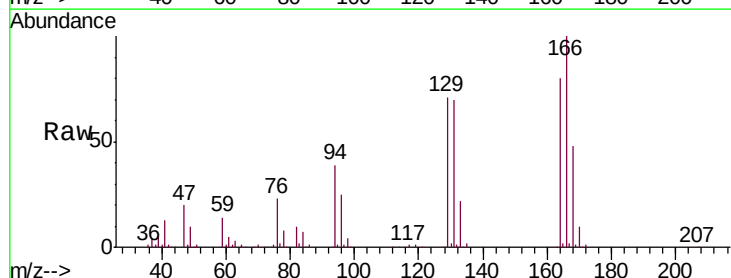
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

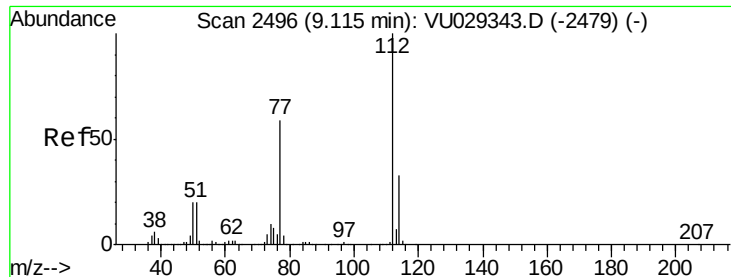
Tgt Ion: 95 Resp: 28285
Ion Ratio Lower Upper
95 100
174 91.2 64.2 96.2
176 88.1 62.3 93.5



#58
Tetrachloroethene
Concen: 11.427 ug/l
RT: 8.22 min Scan# 2218
Delta R.T. -0.00 min
Lab File: VU029671.D
Acq: 26 Feb 2019 09:53

Tgt Ion: 164 Resp: 209515
Ion Ratio Lower Upper
164 100
166 125.2 106.6 159.8
129 88.9 79.9 119.9
131 87.8 75.8 113.8

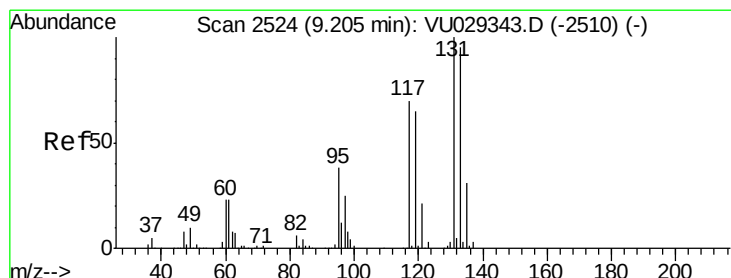
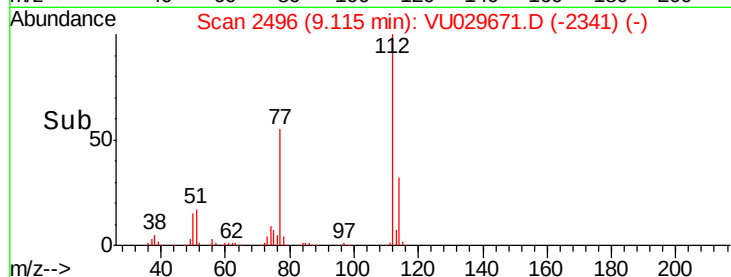
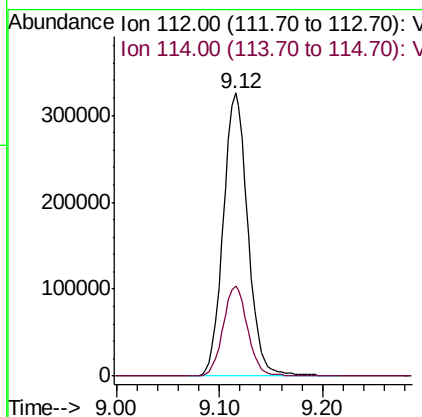
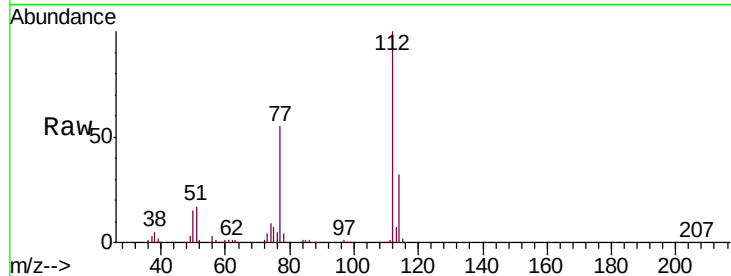




#59
Chlorobenzene
Concen: 10.949 ug/l
RT: 9.12 min Scan# 2496
Delta R.T. -0.00 min
Lab File: VU029671.D
Acq: 26 Feb 2019 09:53

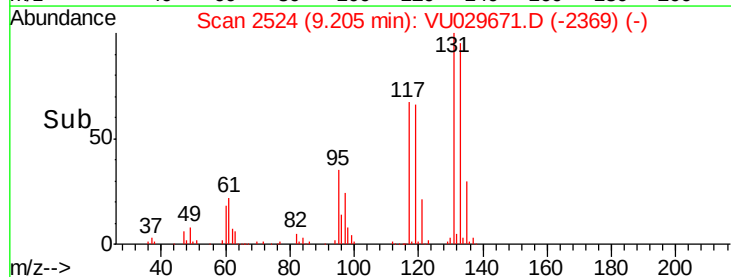
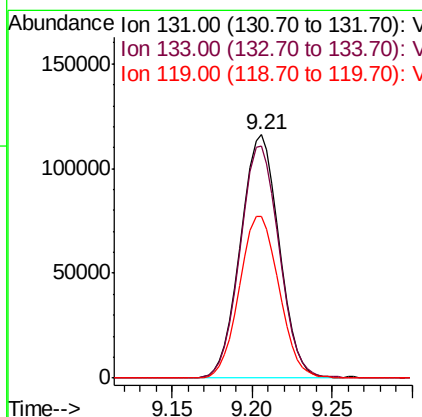
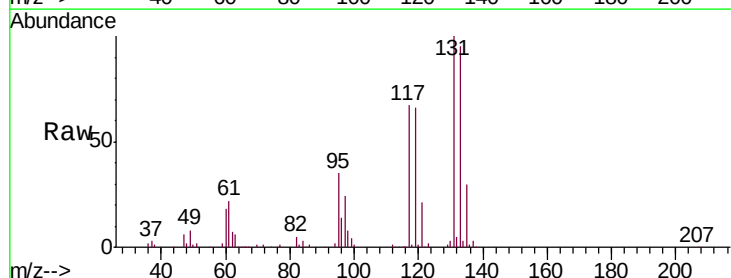
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

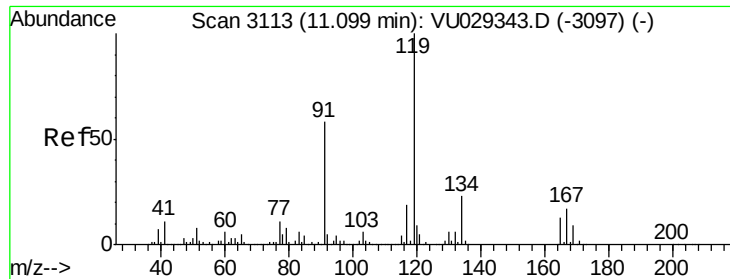
Tgt Ion:112 Resp: 541949
Ion Ratio Lower Upper
112 100
114 32.0 26.2 39.4



#60
1,1,1,2-Tetrachloroethane
Concen: 10.474 ug/l
RT: 9.21 min Scan# 2524
Delta R.T. -0.00 min
Lab File: VU029671.D
Acq: 26 Feb 2019 09:53

Tgt Ion:131 Resp: 191564
Ion Ratio Lower Upper
131 100
133 96.5 77.3 115.9
119 68.1 48.9 73.3





#61

Pentachloroethane

Concen: 10.060 ug/l

RT: 11.10 min Scan# 3113

Delta R.T. -0.00 min

Lab File: VU029671.D

Acq: 26 Feb 2019 09:53

Instrument :

MSVOA_U

ClientSampleId :

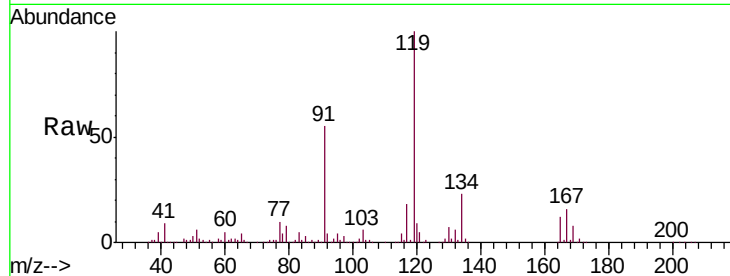
VSTDCCC010

Tgt Ion:117 Resp: 142604

Ion Ratio Lower Upper

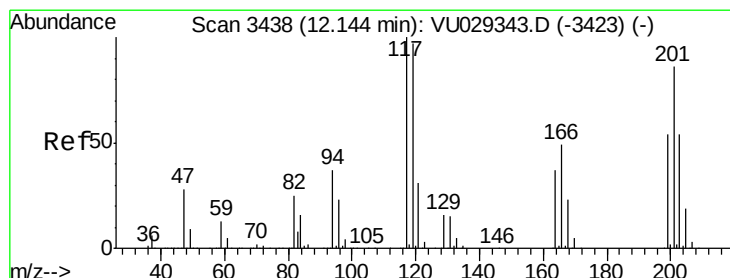
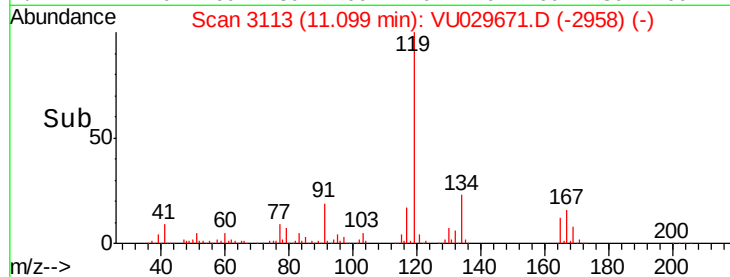
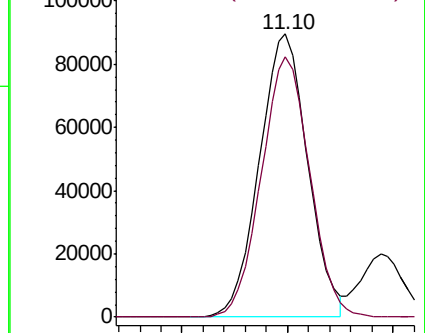
117 100

167 92.1 65.9 98.9



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 166.70 (166.40 to 167.40): V



#62

Hexachloroethane

Concen: 10.076 ug/l

RT: 12.14 min Scan# 3437

Delta R.T. -0.00 min

Lab File: VU029671.D

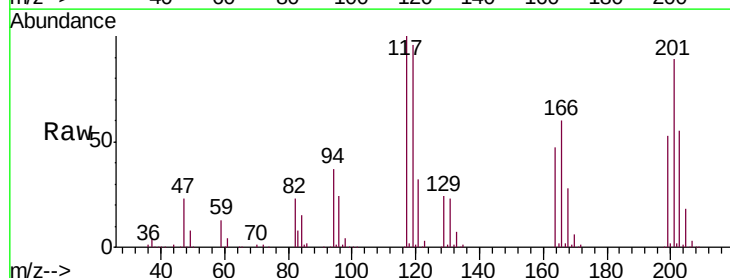
Acq: 26 Feb 2019 09:53

Tgt Ion:117 Resp: 155897

Ion Ratio Lower Upper

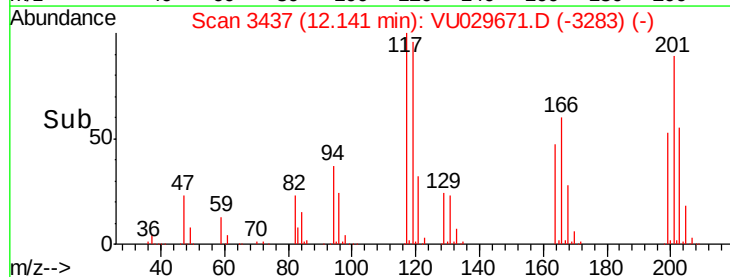
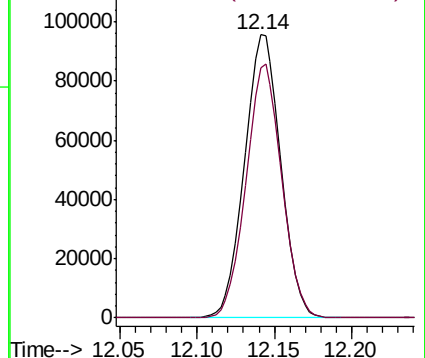
117 100

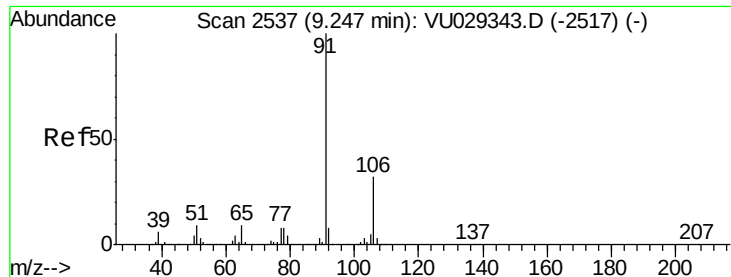
201 88.3 68.2 102.2



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.60 (200.30 to 201.30): V

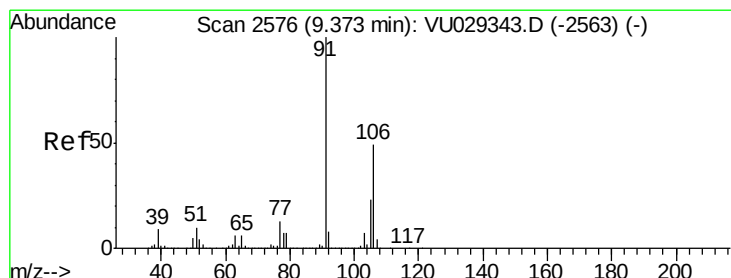
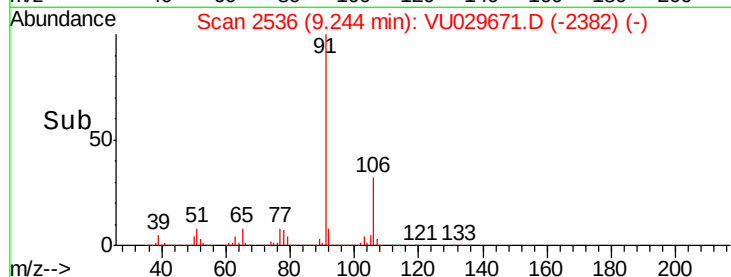
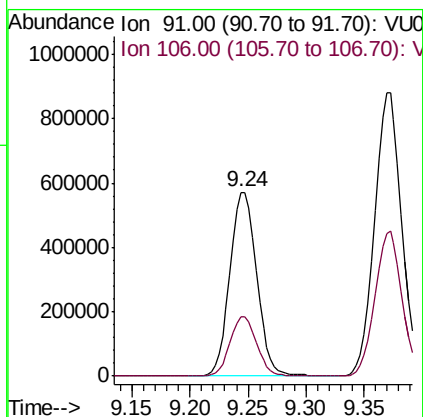
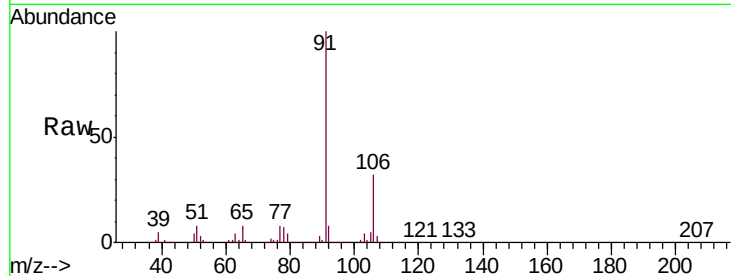




#63
 Ethyl Benzene
 Concen: 10.697 ug/l
 RT: 9.24 min Scan# 2536
 Delta R.T. -0.00 min
 Lab File: VU029671.D
 Acq: 26 Feb 2019 09:53

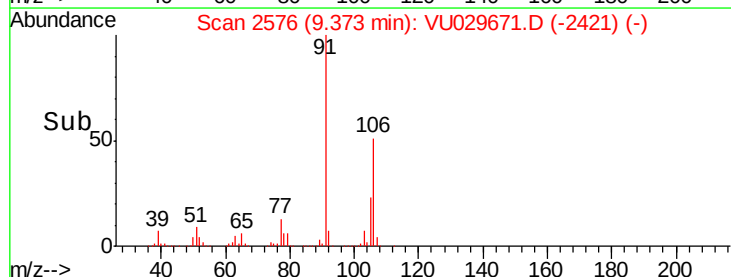
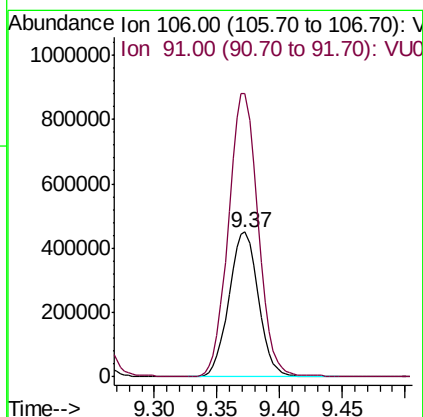
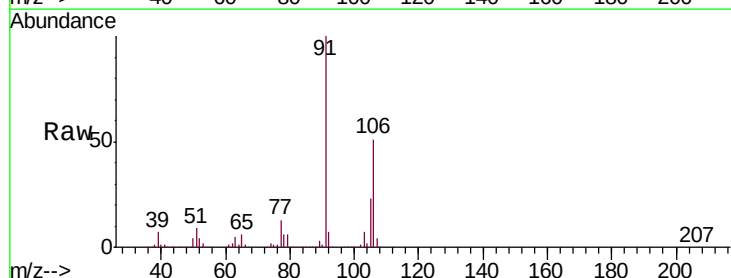
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010

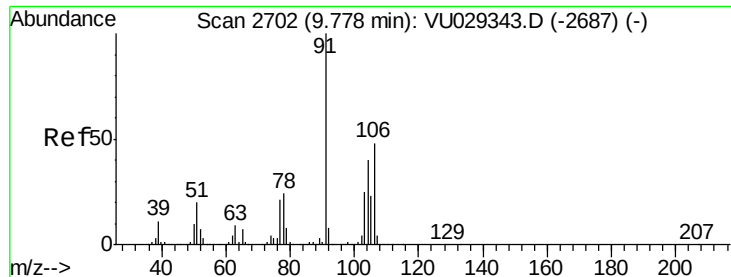
Tgt Ion: 91 Resp: 919510
 Ion Ratio Lower Upper
 91 100
 106 32.1 23.8 35.6



#64
 m/p-Xylenes
 Concen: 21.940 ug/l
 RT: 9.37 min Scan# 2576
 Delta R.T. -0.00 min
 Lab File: VU029671.D
 Acq: 26 Feb 2019 09:53

Tgt Ion: 106 Resp: 732916
 Ion Ratio Lower Upper
 106 100
 91 197.4 174.6 261.8





#65

o-Xylene

Concen: 10.822 ug/l

RT: 9.77 min Scan# 2701

Delta R.T. -0.00 min

Lab File: VU029671.D

Acq: 26 Feb 2019 09:53

Instrument :

MSVOA_U

ClientSampleId :

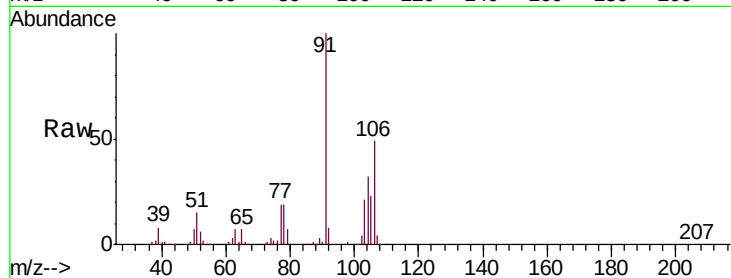
VSTDCCC010

Tgt Ion:106 Resp: 354841

Ion Ratio Lower Upper

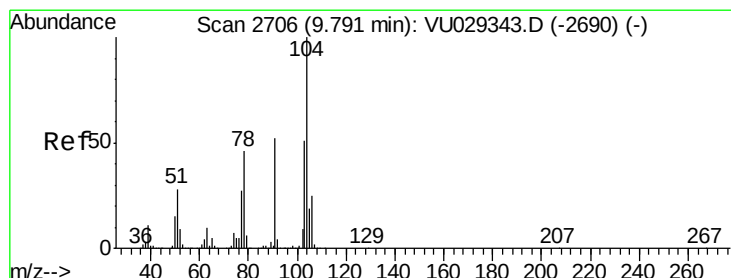
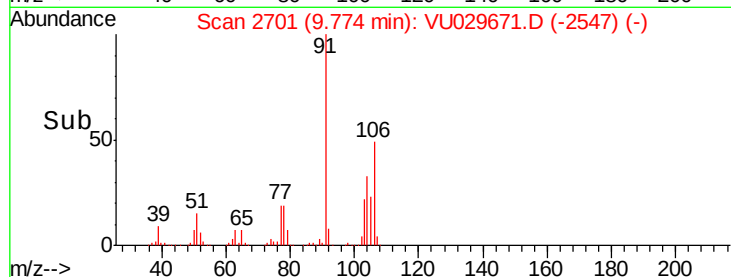
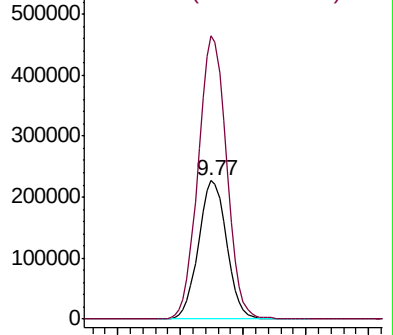
106 100

91 205.6 114.5 343.4



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VU0



#66

Styrene

Concen: 11.045 ug/l

RT: 9.79 min Scan# 2705

Delta R.T. -0.00 min

Lab File: VU029671.D

Acq: 26 Feb 2019 09:53

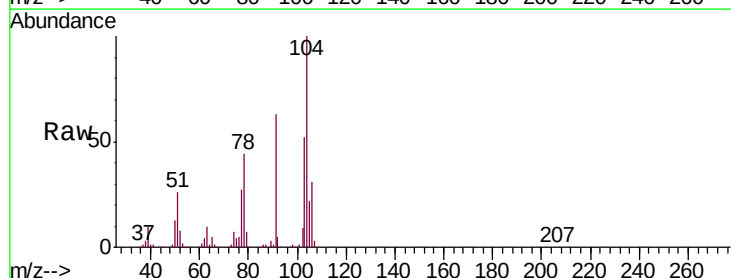
Tgt Ion:104 Resp: 603716

Ion Ratio Lower Upper

104 100

78 46.7 46.5 69.7

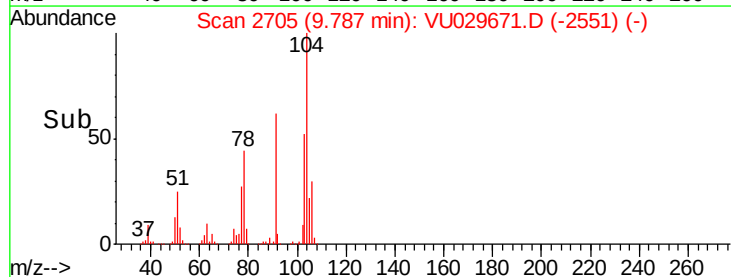
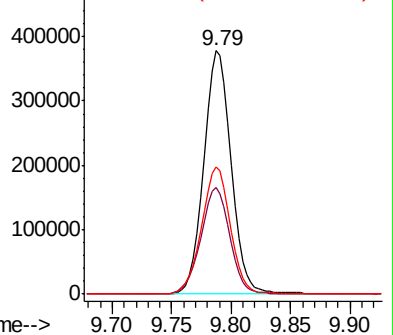
103 55.0 44.7 67.1

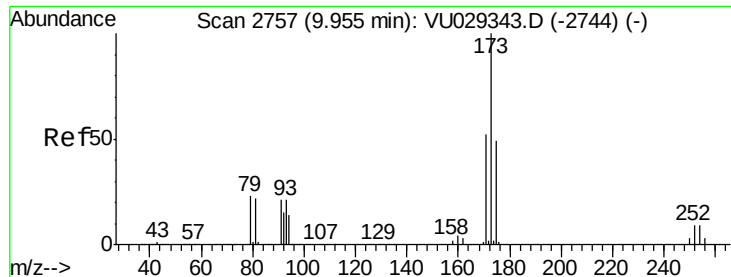


Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VU0

Ion 103.00 (102.70 to 103.70): V

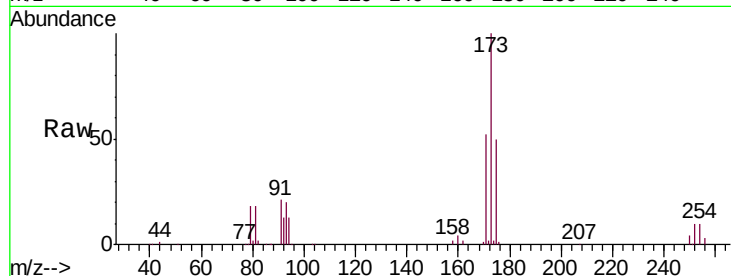




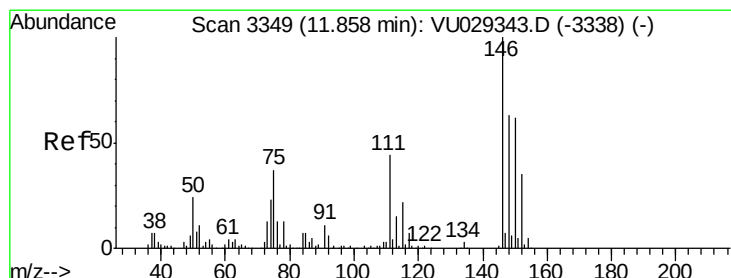
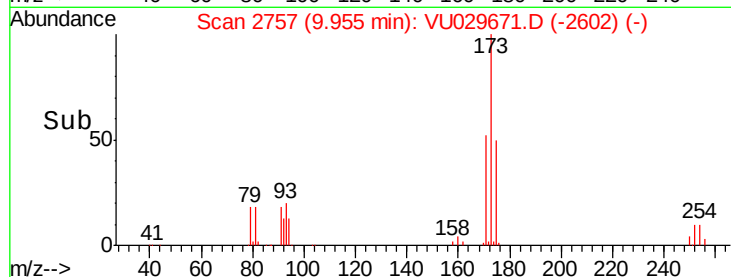
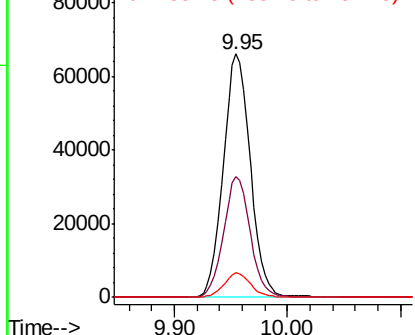
#67
 Bromoform
 Concen: 9.907 ug/l
 RT: 9.95 min Scan# 2757
 Delta R.T. -0.00 min
 Lab File: VU029671.D
 Acq: 26 Feb 2019 09:53

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010

Tgt Ion:173 Resp: 110396
 Ion Ratio Lower Upper
 173 100
 175 48.6 38.9 58.3
 254 9.7 7.4 11.2

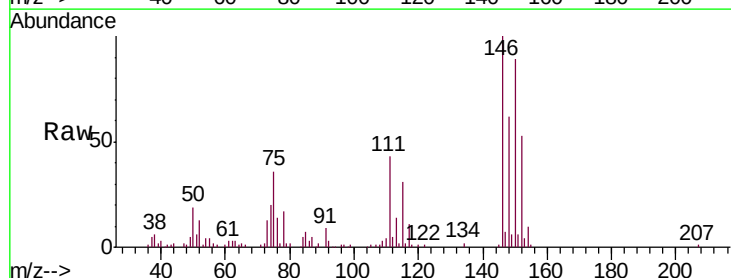


Abundance Ion 172.90 (172.60 to 173.60): V
 Ion 174.90 (174.60 to 175.60): V
 Ion 253.75 (253.45 to 254.45): V

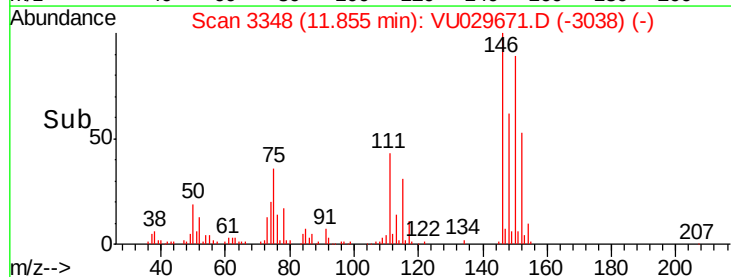
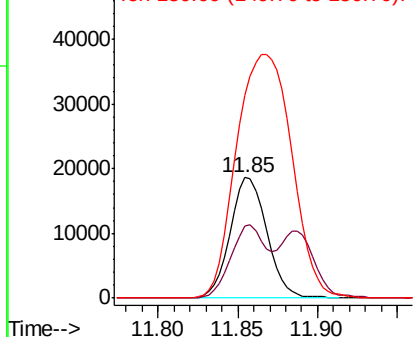


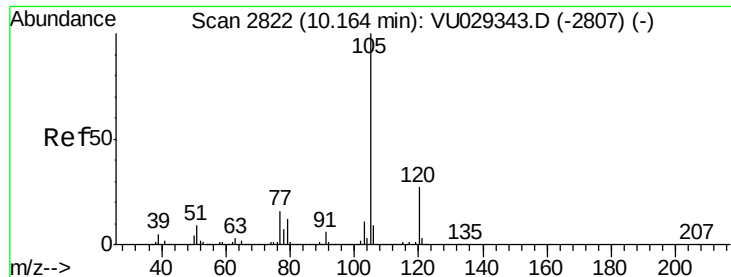
#68
 1,2-Dichlorobenzene-d4
 Concen: 9.907 ug/l
 RT: 11.85 min Scan# 3348
 Delta R.T. -0.00 min
 Lab File: VU029671.D
 Acq: 26 Feb 2019 09:53

Tgt Ion:152 Resp: 29003
 Ion Ratio Lower Upper
 152 100
 115 58.0 0.0 133.4
 150 308.9 0.0 670.8



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: 10.766 ug/l

RT: 10.16 min Scan# 2822

Delta R.T. -0.00 min

Lab File: VU029671.D

Acq: 26 Feb 2019 09:53

Instrument :

MSVOA_U

ClientSampleId :

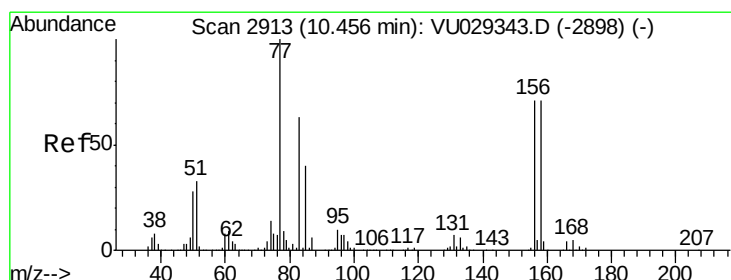
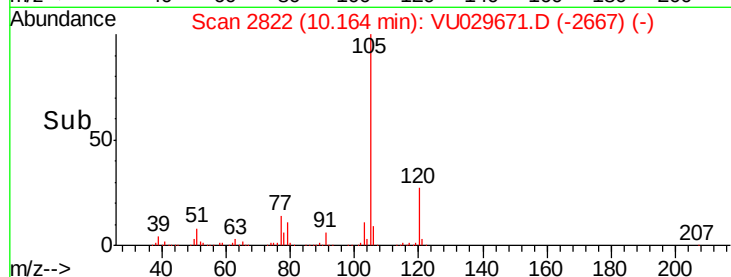
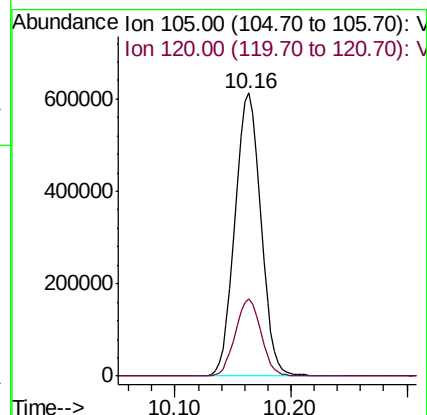
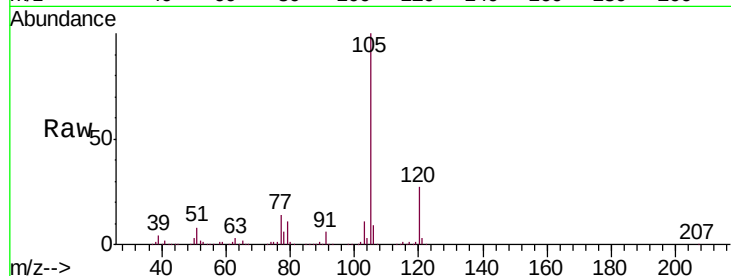
VSTDCCC010

Tgt Ion:105 Resp: 943131

Ion Ratio Lower Upper

105 100

120 27.1 12.6 37.6



#70

1,1,2,2-Tetrachloroethane

Concen: 11.253 ug/l

RT: 10.45 min Scan# 2912

Delta R.T. -0.00 min

Lab File: VU029671.D

Acq: 26 Feb 2019 09:53

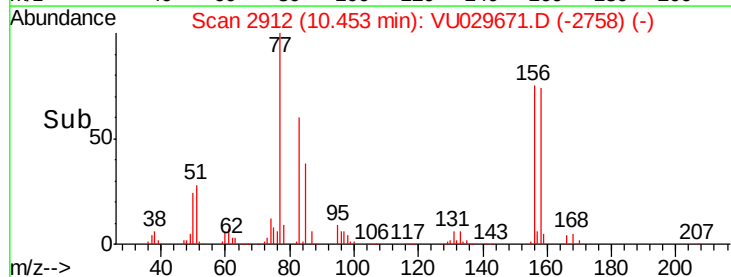
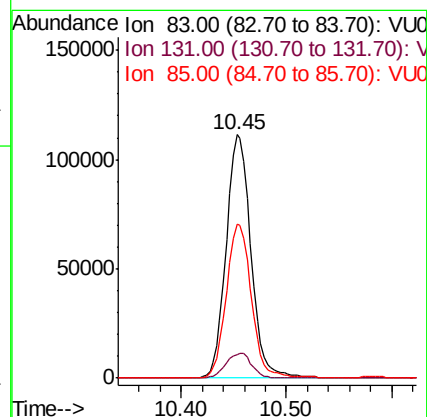
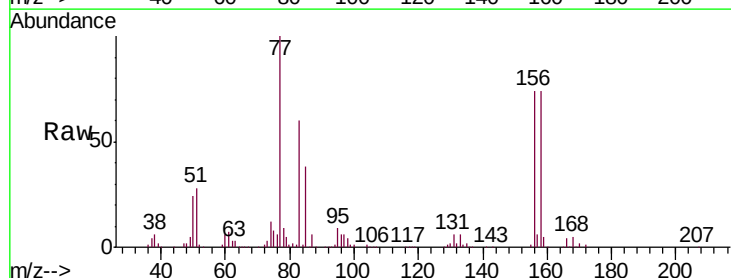
Tgt Ion: 83 Resp: 181749

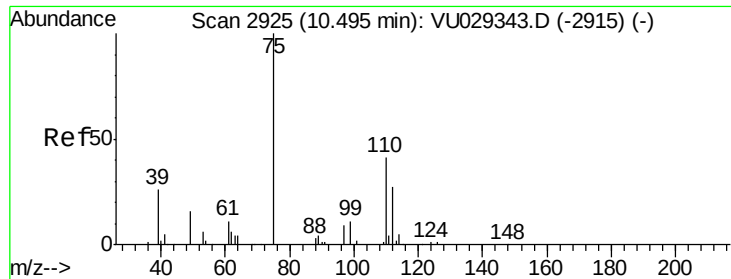
Ion Ratio Lower Upper

83 100

131 10.5 8.1 12.1

85 64.2 50.3 75.5





#71

1,2,3-Trichloropropane

Concen: 9.842 ug/l

RT: 10.49 min Scan# 2924

Delta R.T. -0.00 min

Lab File: VU029671.D

Acq: 26 Feb 2019 09:53

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

Tgt Ion: 75 Resp: 109162

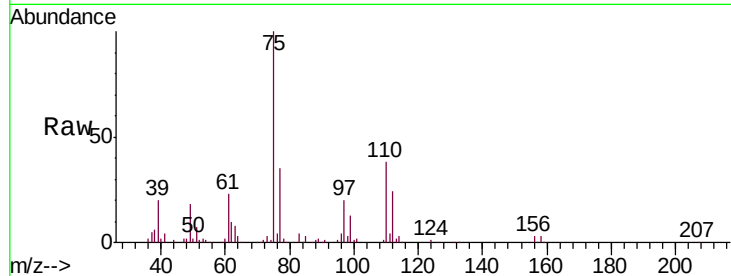
Ion Ratio Lower Upper

75 100

77 10.2 0.0 0.0#

110 44.3 0.0 63.6

97 23.2 0.0 31.4

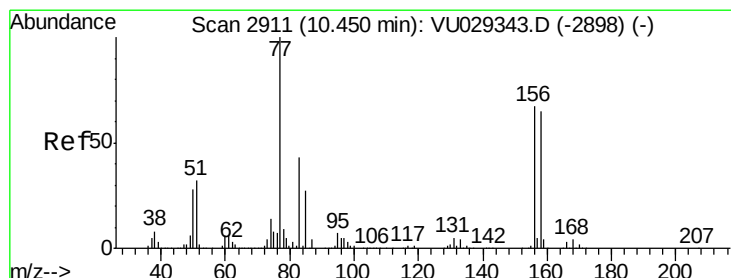
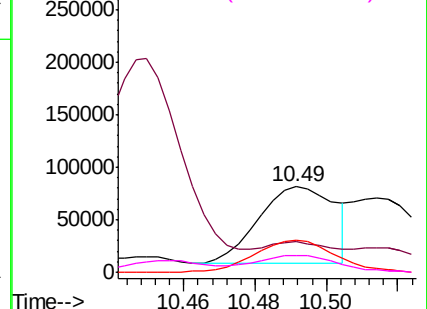
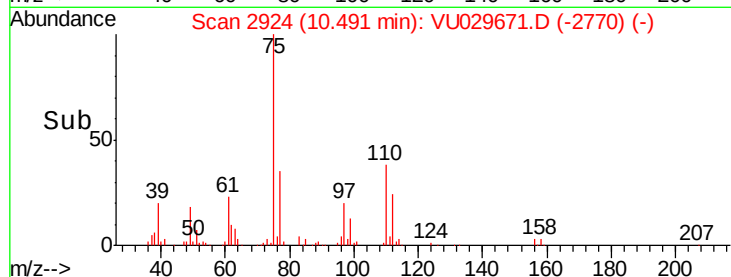


Abundance Ion 75.00 (74.70 to 75.70): VU0

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: 11.447 ug/l

RT: 10.45 min Scan# 2911

Delta R.T. -0.00 min

Lab File: VU029671.D

Acq: 26 Feb 2019 09:53

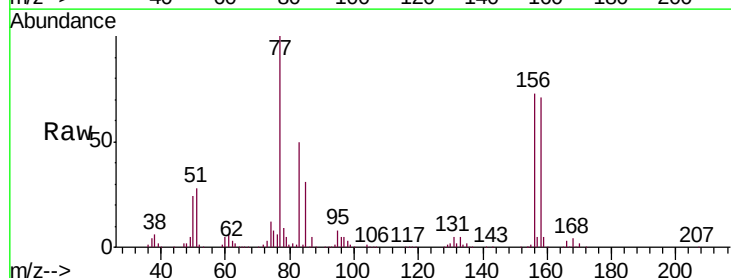
Tgt Ion: 156 Resp: 243061

Ion Ratio Lower Upper

156 100

77 137.7 0.0 343.8

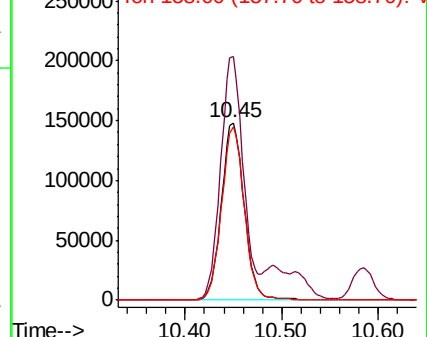
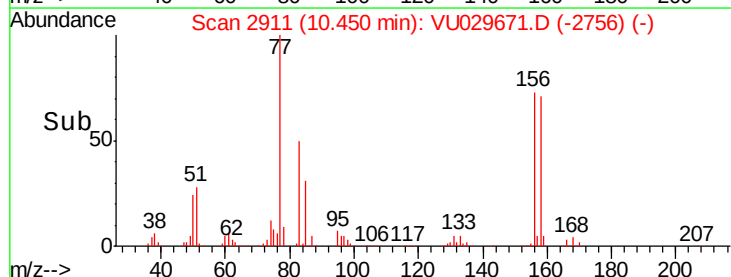
158 97.1 0.0 195.0

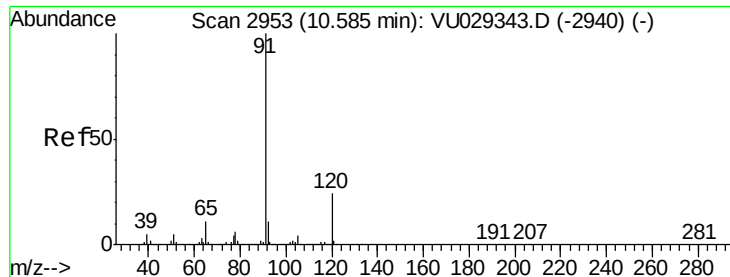


Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VU0

Ion 158.00 (157.70 to 158.70): V





#73

n-propylbenzene

Concen: 11.177 ug/l

RT: 10.58 min Scan# 2953

Delta R.T. -0.00 min

Lab File: VU029671.D

Acq: 26 Feb 2019 09:53

Instrument :

MSVOA_U

ClientSampleId :

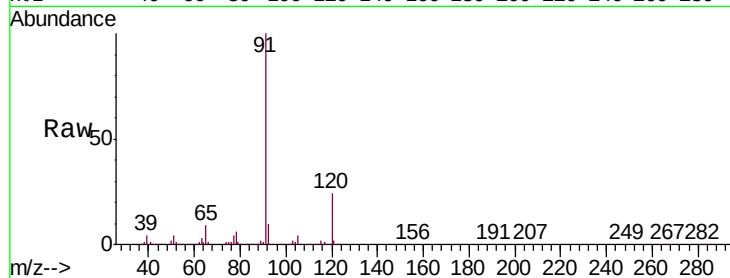
VSTDCCC010

Tgt Ion:120 Resp: 272724

Ion Ratio Lower Upper

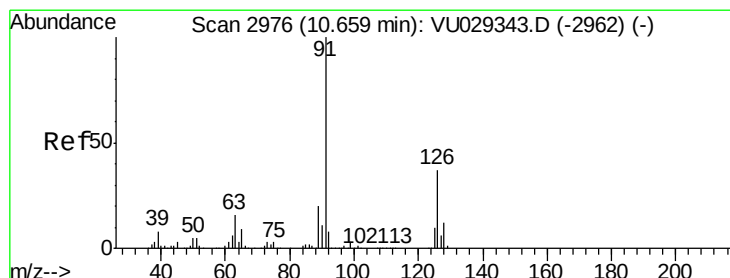
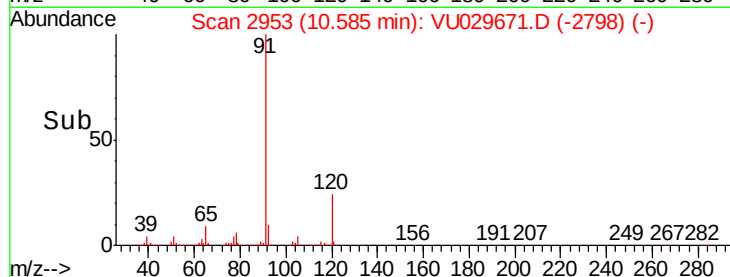
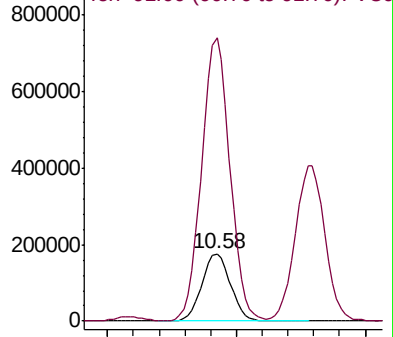
120 100

91 412.6 370.0 555.0



Abundance Ion 120.00 (119.70 to 120.70): V

Ion 91.00 (90.70 to 91.70): VU0



#74

2-Chlorotoluene

Concen: 11.109 ug/l

RT: 10.66 min Scan# 2976

Delta R.T. -0.00 min

Lab File: VU029671.D

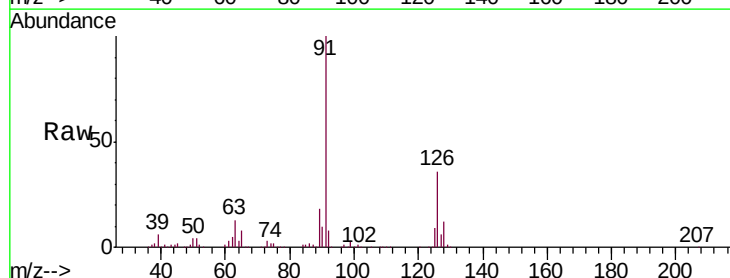
Acq: 26 Feb 2019 09:53

Tgt Ion:126 Resp: 230820

Ion Ratio Lower Upper

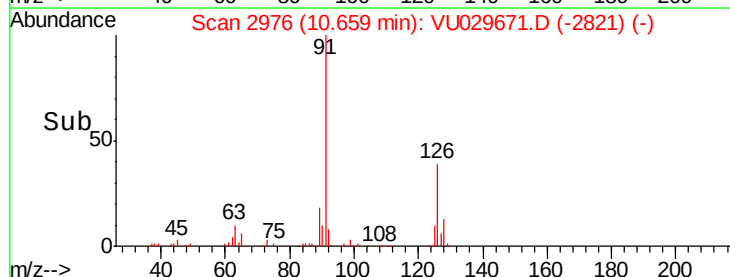
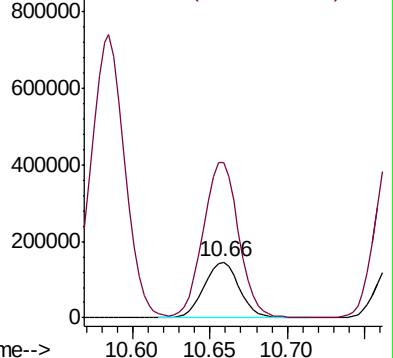
126 100

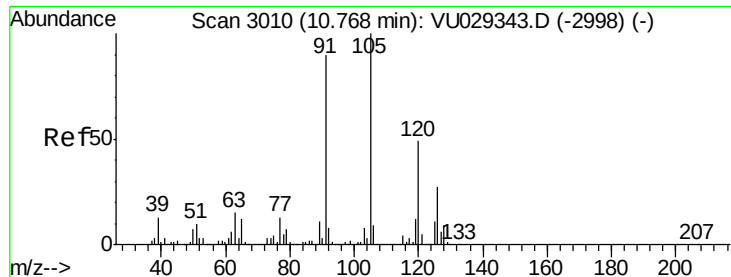
91 277.6 0.0 643.0



Abundance Ion 126.00 (125.70 to 126.70): V

Ion 91.00 (90.70 to 91.70): VU0





#75

1,3,5-Trimethylbenzene

Concen: 10.664 ug/l

RT: 10.77 min Scan# 3010

Delta R.T. -0.00 min

Lab File: VU029671.D

Acq: 26 Feb 2019 09:53

Instrument :

MSVOA_U

ClientSampleId :

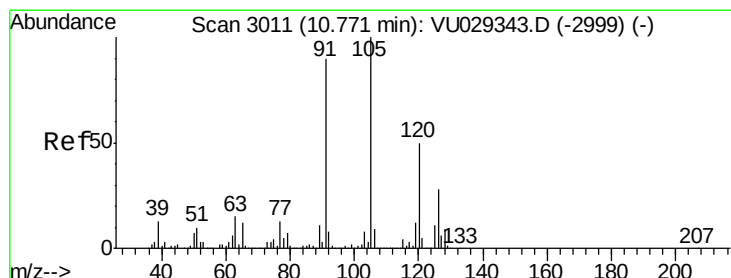
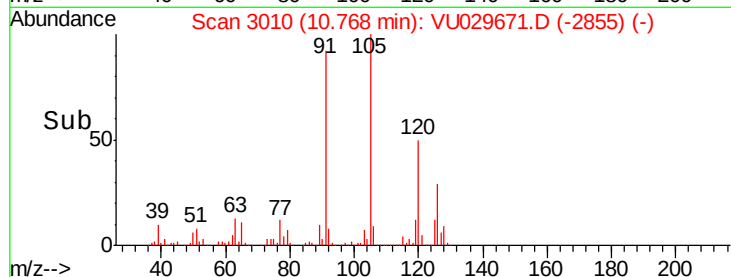
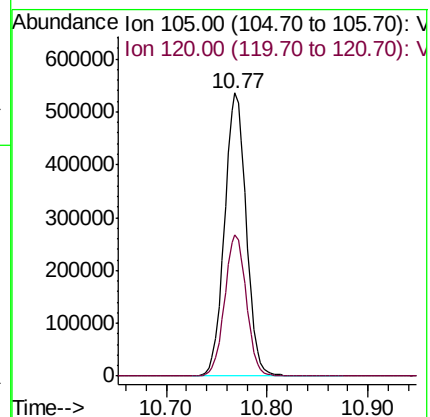
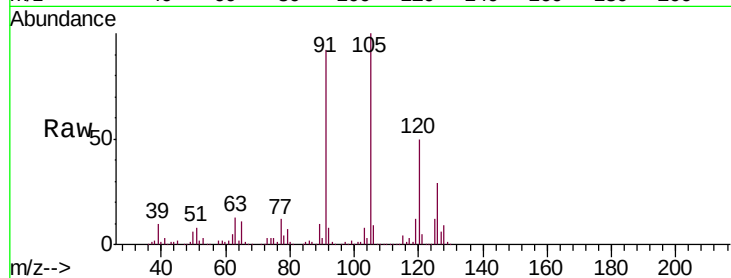
VSTDCCC010

Tgt Ion:105 Resp: 805456

Ion Ratio Lower Upper

105 100

120 50.2 37.3 55.9



#76

4-Chlorotoluene

Concen: 11.189 ug/l

RT: 10.77 min Scan# 3010

Delta R.T. -0.00 min

Lab File: VU029671.D

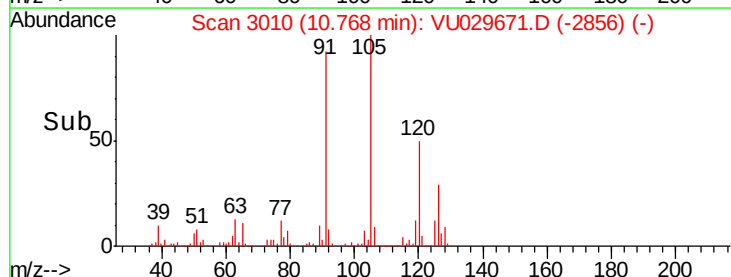
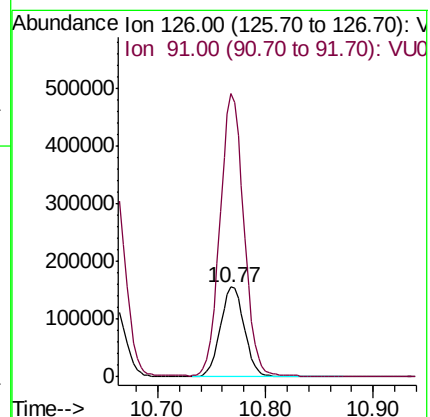
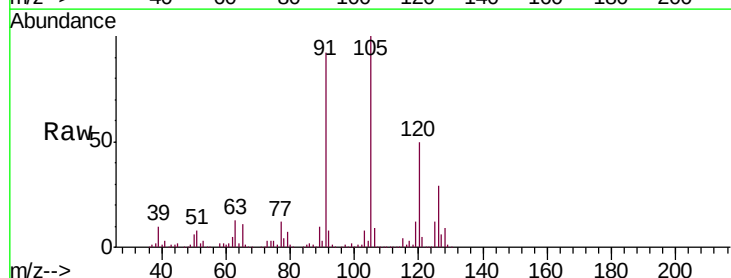
Acq: 26 Feb 2019 09:53

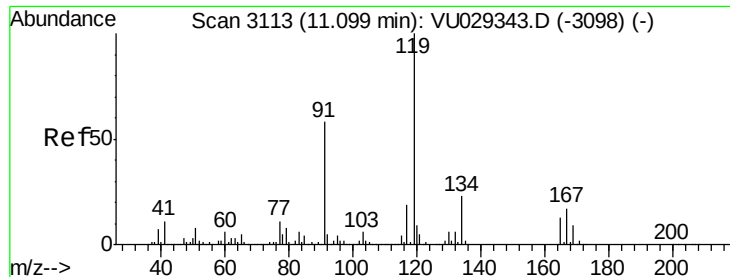
Tgt Ion:126 Resp: 241290

Ion Ratio Lower Upper

126 100

91 314.0 0.0 727.4

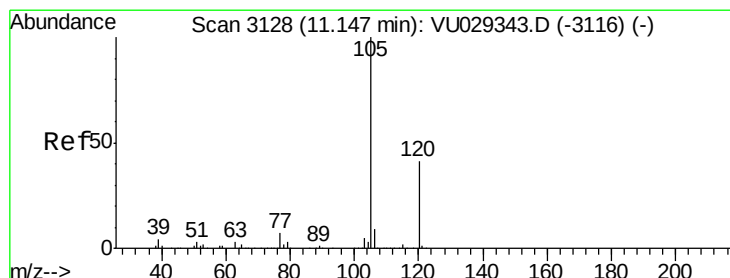
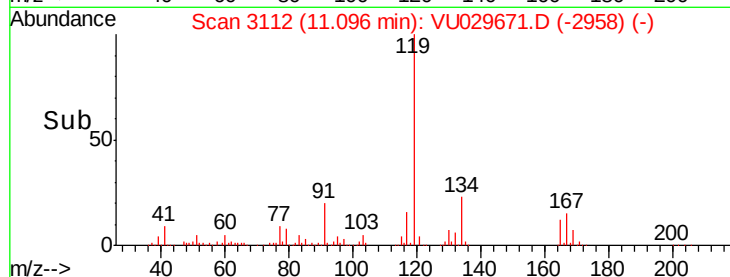
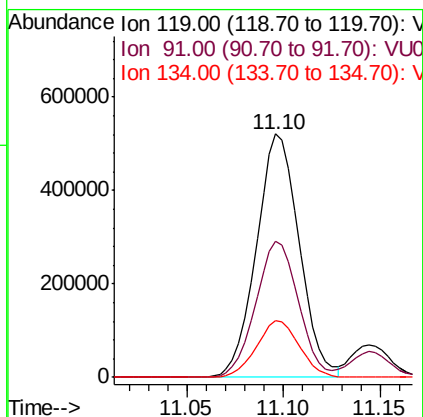
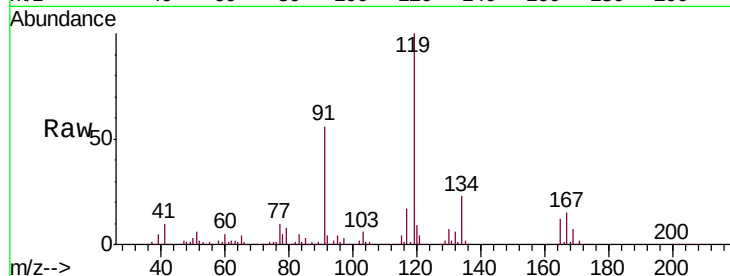




#77
 tert-Butylbenzene
 Concen: 10.740 ug/l
 RT: 11.10 min Scan# 3112
 Delta R.T. -0.00 min
 Lab File: VU029671.D
 Acq: 26 Feb 2019 09:53

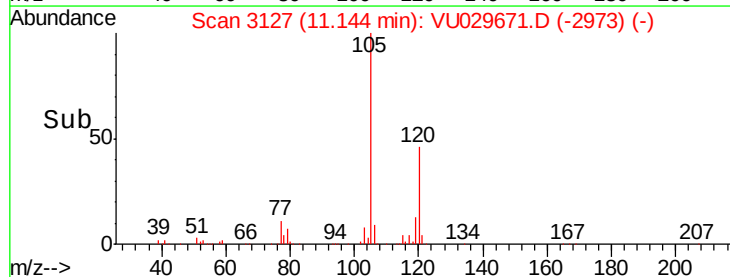
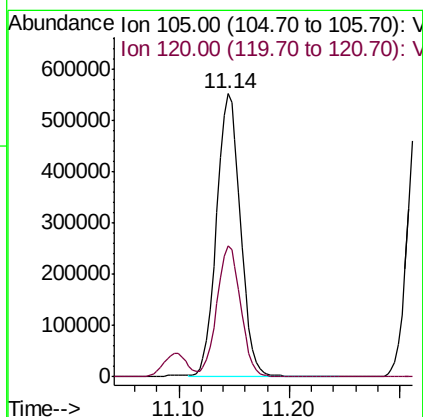
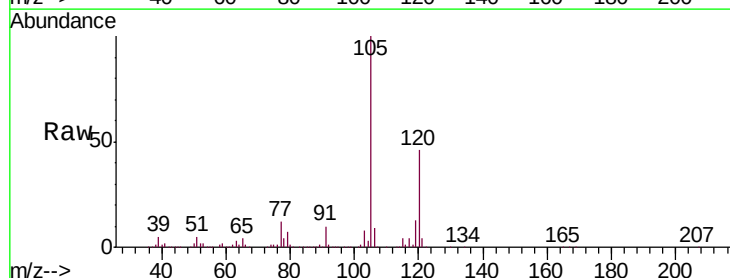
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010

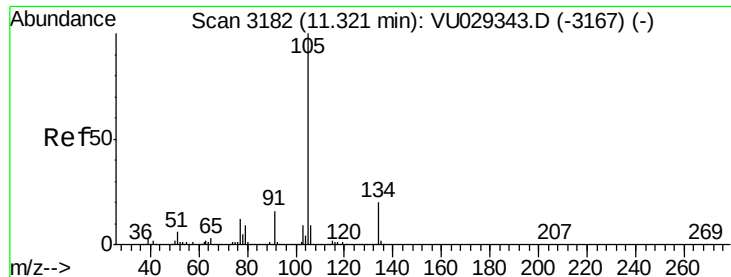
Tgt Ion:119 Resp: 801828
 Ion Ratio Lower Upper
 119 100
 91 55.6 32.2 96.6
 134 23.3 17.6 26.4



#78
 1,2,4-Trimethylbenzene
 Concen: 10.828 ug/l
 RT: 11.14 min Scan# 3127
 Delta R.T. -0.00 min
 Lab File: VU029671.D
 Acq: 26 Feb 2019 09:53

Tgt Ion:105 Resp: 827955
 Ion Ratio Lower Upper
 105 100
 120 46.4 21.4 64.3





#79

sec-Butylbenzene

Concen: 10.900 ug/l

RT: 11.32 min Scan# 3182

Delta R.T. -0.00 min

Lab File: VU029671.D

Acq: 26 Feb 2019 09:53

Instrument :

MSVOA_U

ClientSampleId :

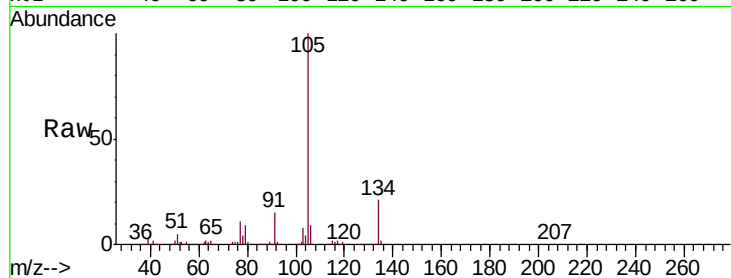
VSTDCCC010

Tgt Ion:105 Resp: 1064690

Ion Ratio Lower Upper

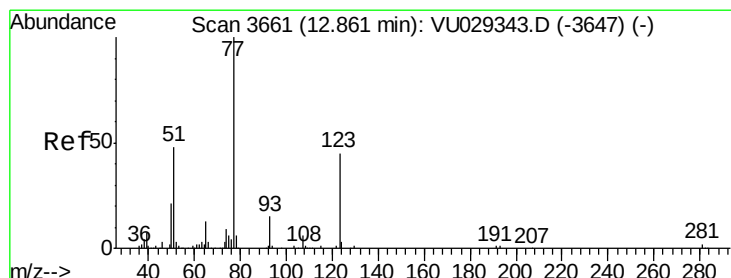
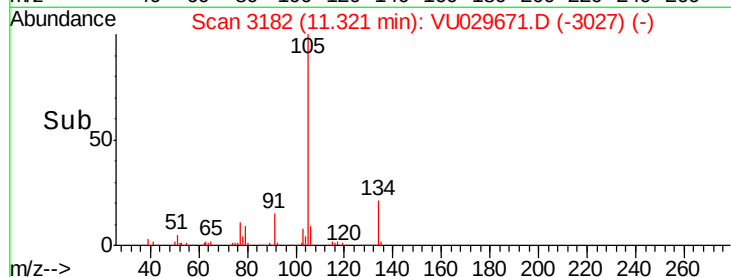
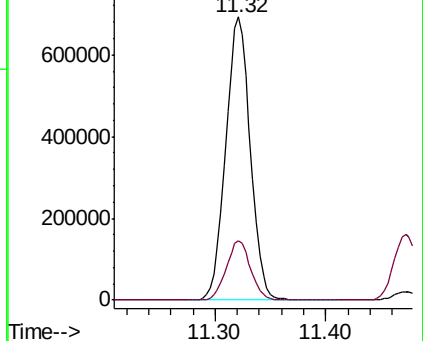
105 100

134 20.9 15.0 22.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#80

Nitrobenzene

Concen: 29.144 ug/l

RT: 12.86 min Scan# 3661

Delta R.T. -0.00 min

Lab File: VU029671.D

Acq: 26 Feb 2019 09:53

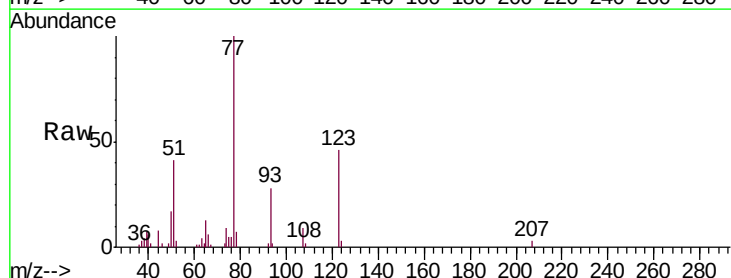
Tgt Ion: 77 Resp: 20972

Ion Ratio Lower Upper

77 100

123 43.8 17.5 61.9

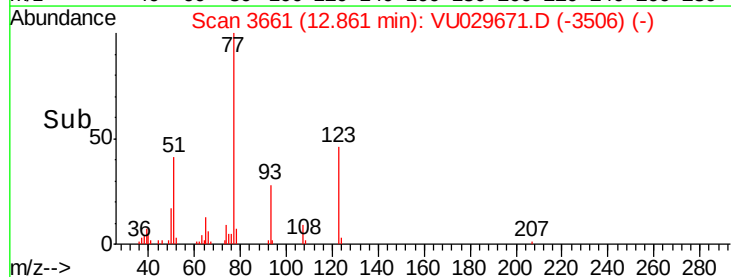
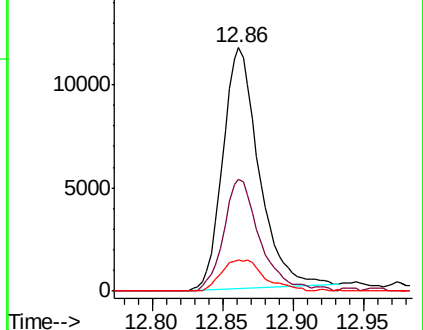
65 15.3 10.8 13.8#

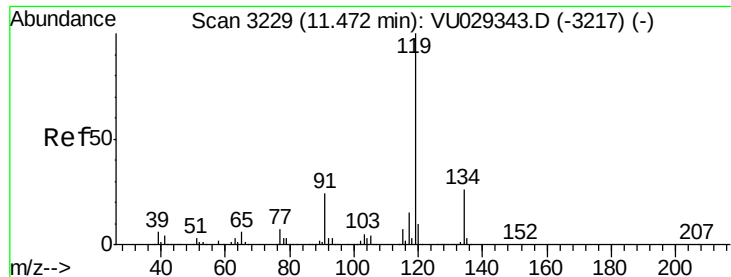


Abundance Ion 77.00 (76.70 to 77.70): VU0

Ion 123.00 (122.70 to 123.70): V

Ion 65.00 (64.70 to 65.70): VU0

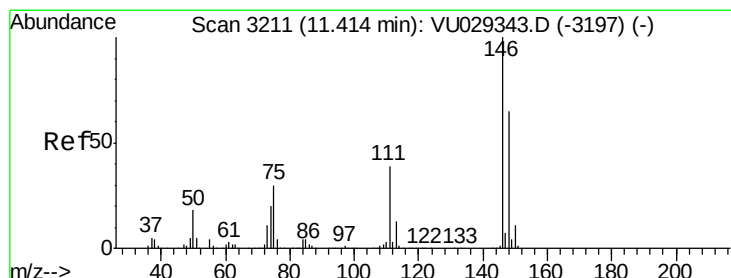
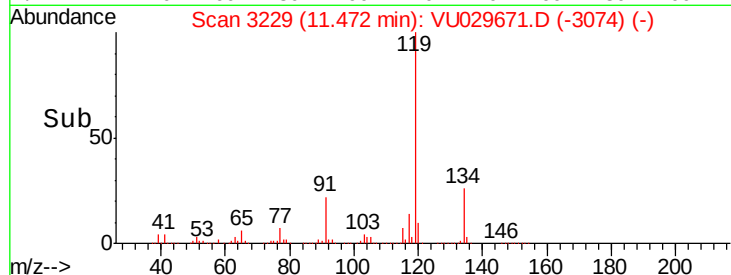
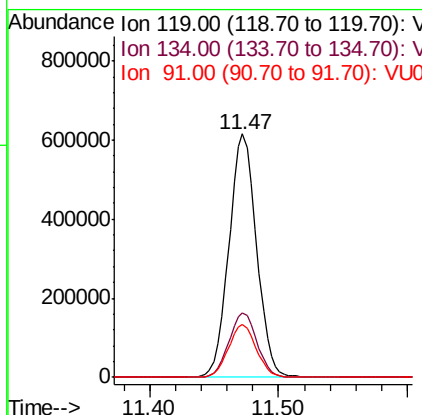
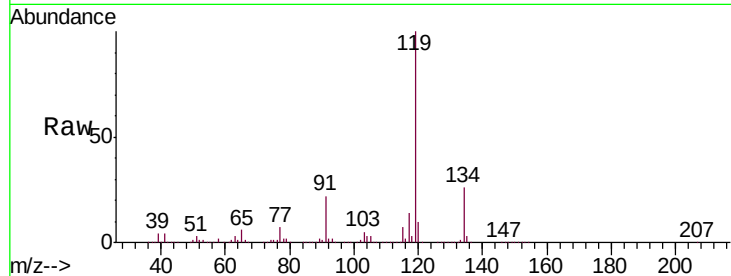




#81
 p-Isopropyltoluene
 Concen: 10.994 ug/l
 RT: 11.47 min Scan# 3229
 Delta R.T. -0.00 min
 Lab File: VU029671.D
 Acq: 26 Feb 2019 09:53

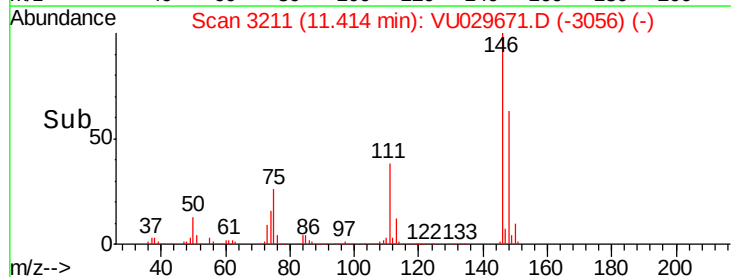
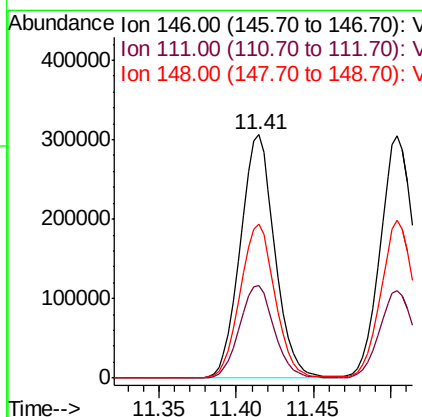
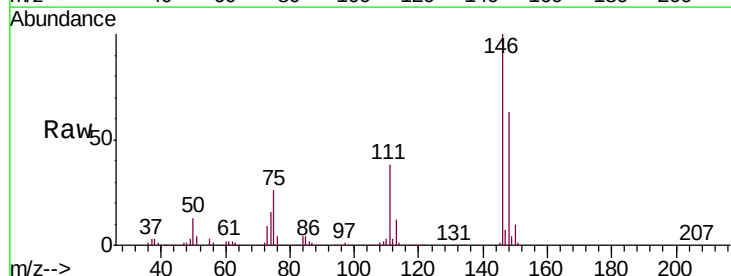
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010

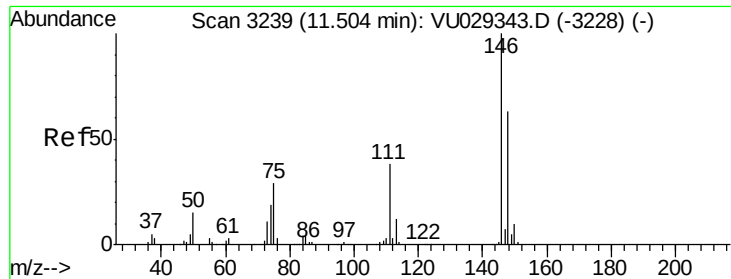
Tgt Ion:119 Resp: 910331
 Ion Ratio Lower Upper
 119 100
 134 26.8 19.8 29.6
 91 22.0 21.5 32.3



#82
 1,3-Dichlorobenzene
 Concen: 11.405 ug/l
 RT: 11.41 min Scan# 3211
 Delta R.T. -0.00 min
 Lab File: VU029671.D
 Acq: 26 Feb 2019 09:53

Tgt Ion:146 Resp: 475122
 Ion Ratio Lower Upper
 146 100
 111 38.2 34.1 51.1
 148 64.0 52.3 78.5

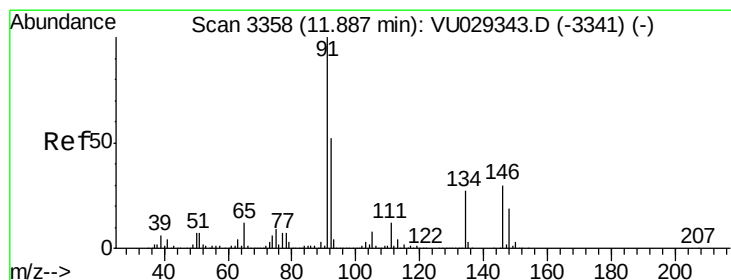
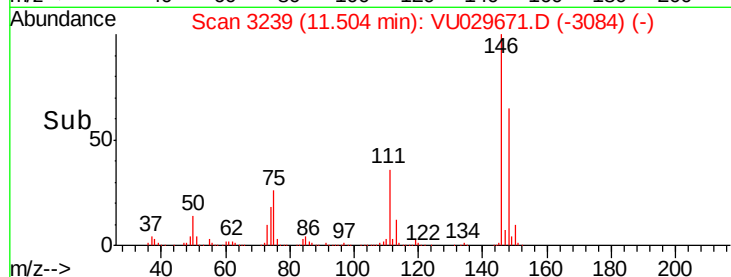
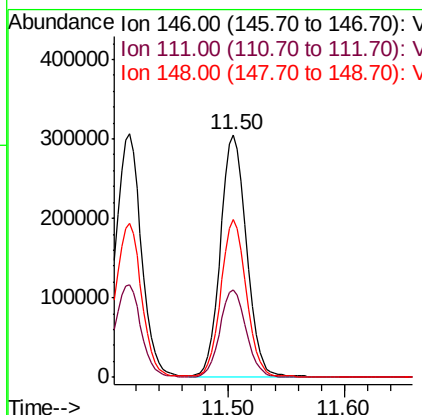
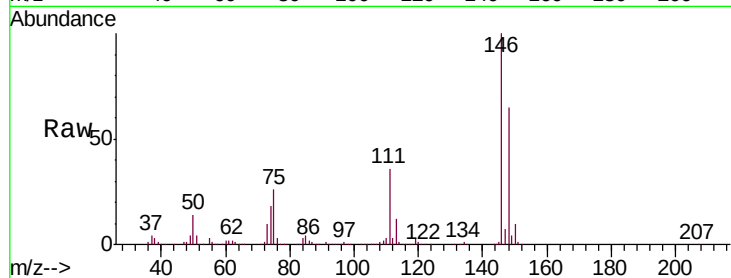




#83
 1,4-Dichlorobenzene
 Concen: 11.460 ug/l
 RT: 11.50 min Scan# 3239
 Delta R.T. -0.00 min
 Lab File: VU029671.D
 Acq: 26 Feb 2019 09:53

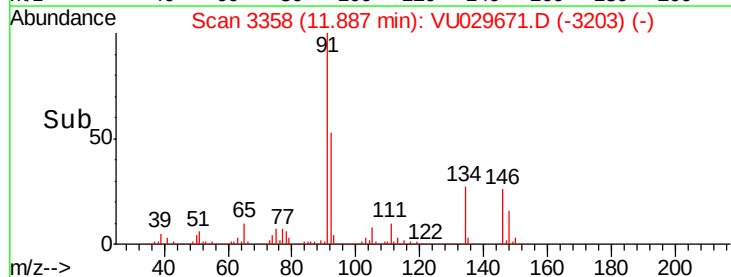
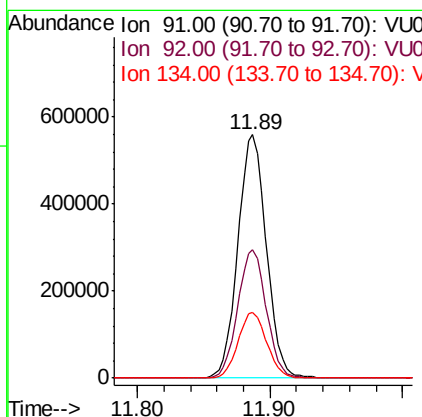
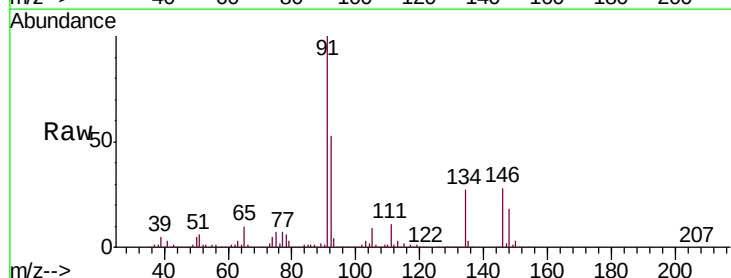
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010

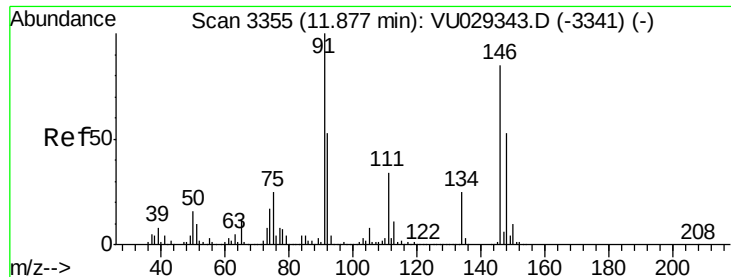
Tgt Ion:146 Resp: 475497
 Ion Ratio Lower Upper
 146 100
 111 36.6 32.9 49.3
 148 63.6 51.8 77.6



#84
 n-Butylbenzene
 Concen: 10.984 ug/l
 RT: 11.89 min Scan# 3358
 Delta R.T. -0.00 min
 Lab File: VU029671.D
 Acq: 26 Feb 2019 09:53

Tgt Ion: 91 Resp: 834639
 Ion Ratio Lower Upper
 91 100
 92 52.8 41.0 61.6
 134 27.3 19.1 28.7

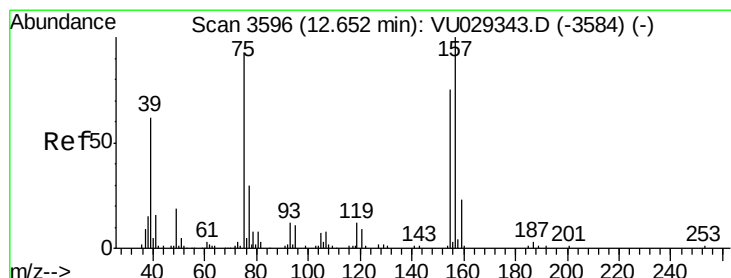
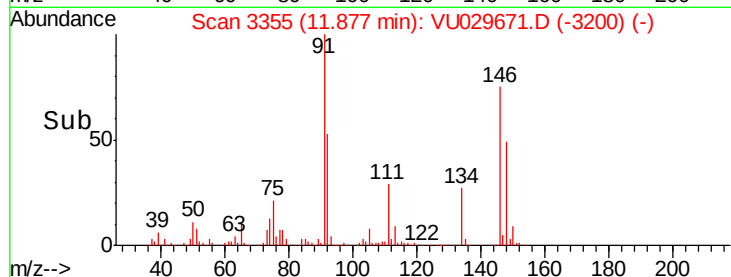
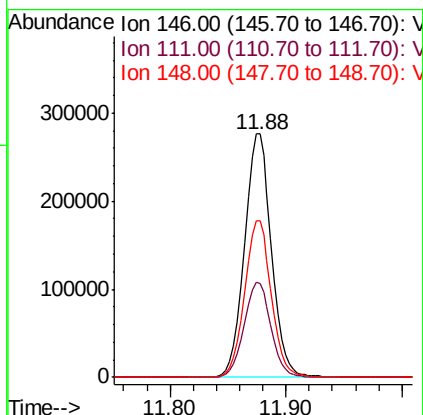
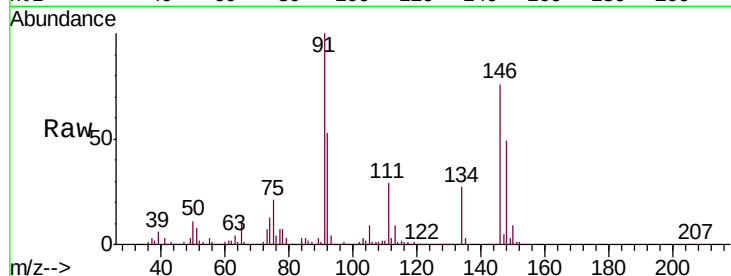




#85
 1,2-Dichlorobenzene
 Concen: 11.318 ug/l
 RT: 11.88 min Scan# 3355
 Delta R.T. -0.00 min
 Lab File: VU029671.D
 Acq: 26 Feb 2019 09:53

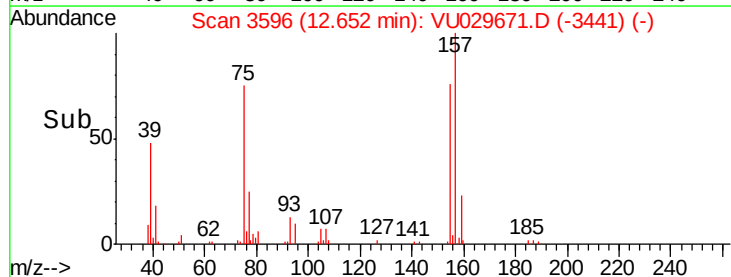
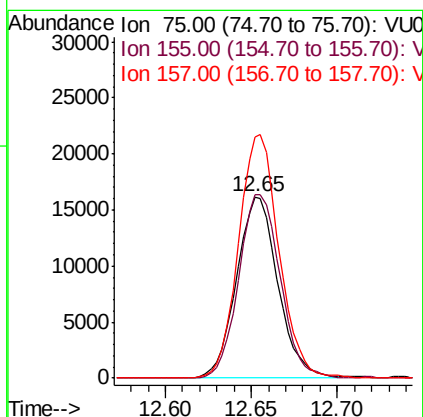
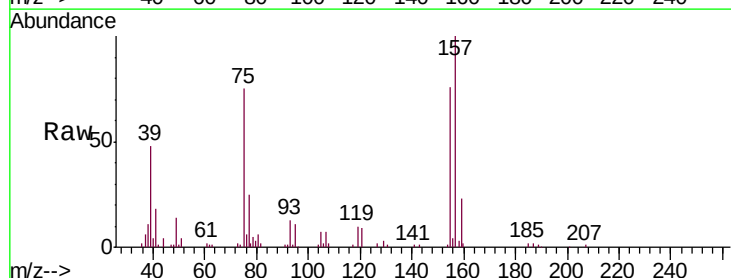
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010

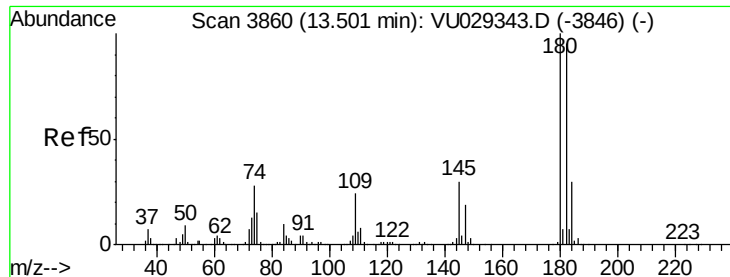
Tgt Ion:146 Resp: 445811
 Ion Ratio Lower Upper
 146 100
 111 39.2 21.9 65.8
 148 64.0 31.8 95.3



#86
 1,2-Dibromo-3-Chloropropane
 Concen: 8.916 ug/l
 RT: 12.65 min Scan# 3596
 Delta R.T. -0.00 min
 Lab File: VU029671.D
 Acq: 26 Feb 2019 09:53

Tgt Ion: 75 Resp: 26877
 Ion Ratio Lower Upper
 75 100
 155 101.5 53.8 80.8#
 157 131.7 69.2 103.8#

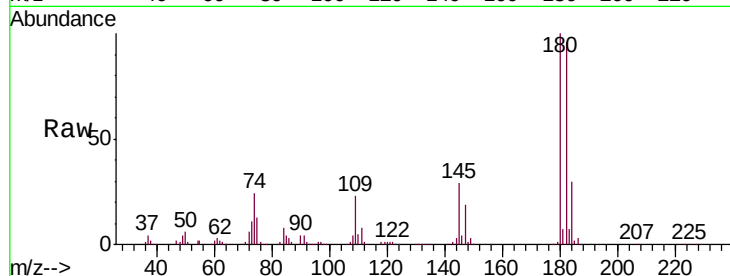




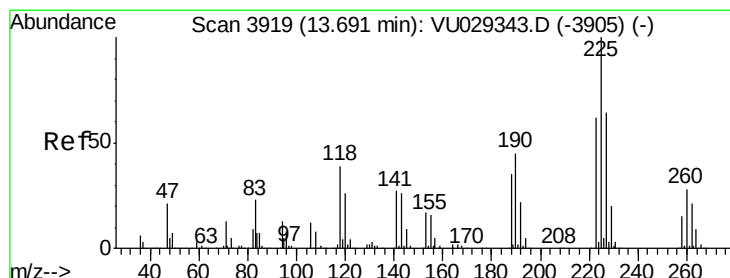
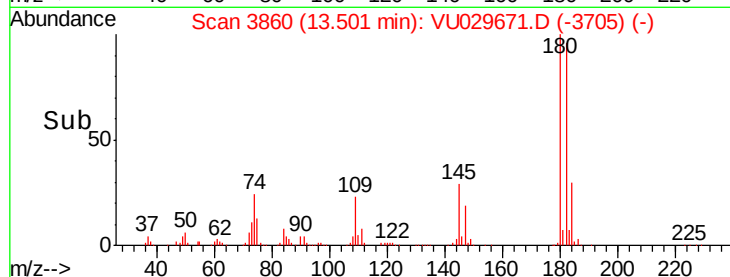
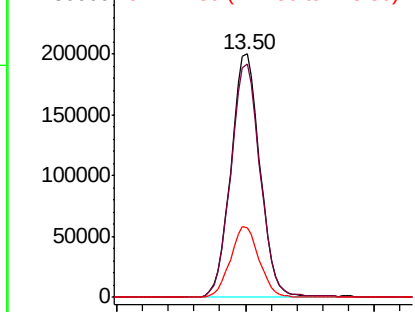
#87
 1,2,4-Trichlorobenzene
 Concen: 11.335 ug/l
 RT: 13.50 min Scan# 3860
 Delta R.T. -0.00 min
 Lab File: VU029671.D
 Acq: 26 Feb 2019 09:53

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010

Tgt Ion:180 Resp: 313612
 Ion Ratio Lower Upper
 180 100
 182 97.3 76.6 114.8
 145 29.0 24.6 36.8

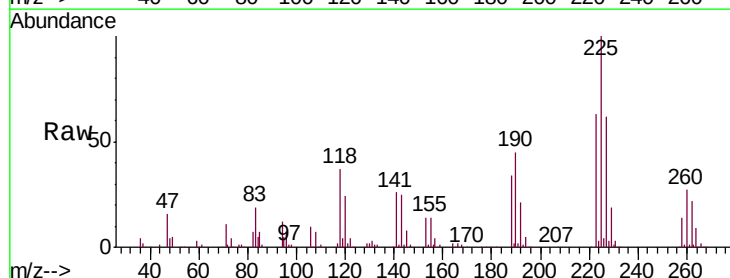


Abundance Ion 179.70 (179.40 to 180.40): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

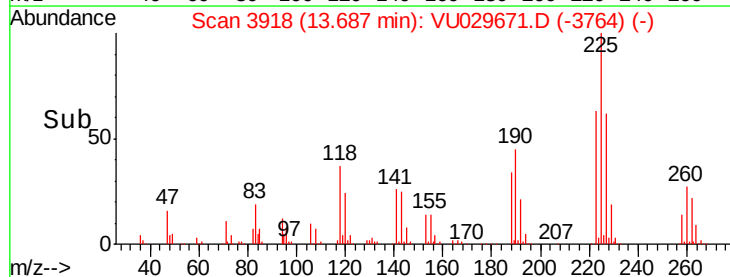
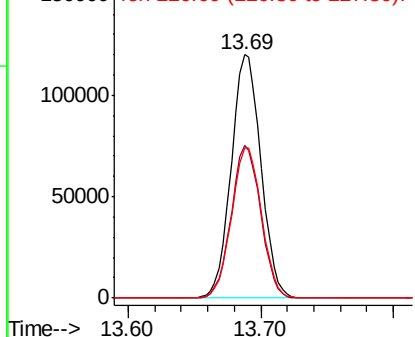


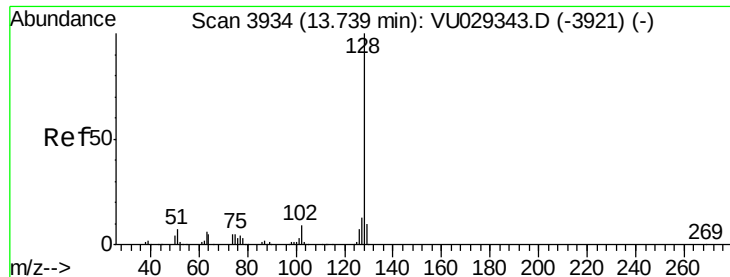
#88
 Hexachlorobutadiene
 Concen: 11.636 ug/l
 RT: 13.69 min Scan# 3918
 Delta R.T. -0.00 min
 Lab File: VU029671.D
 Acq: 26 Feb 2019 09:53

Tgt Ion:225 Resp: 186440
 Ion Ratio Lower Upper
 225 100
 223 62.3 49.5 74.3
 227 62.4 50.4 75.6



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: 11.483 ug/l

RT: 13.74 min Scan# 3934

Delta R.T. -0.00 min

Lab File: VU029671.D

Acq: 26 Feb 2019 09:53

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

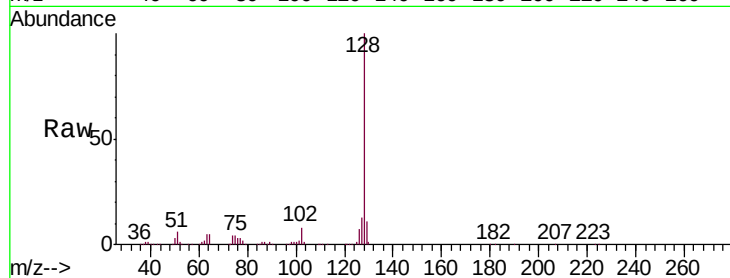
Tgt Ion:128 Resp: 538792

Ion Ratio Lower Upper

128 100

127 12.9 10.7 16.1

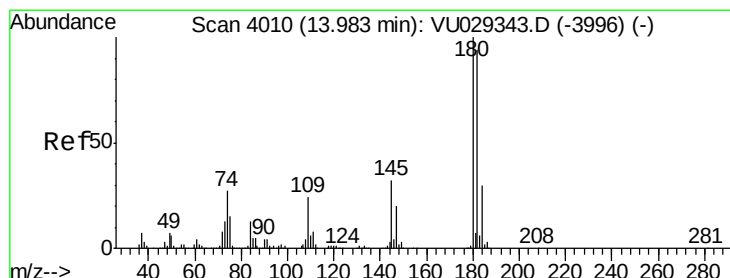
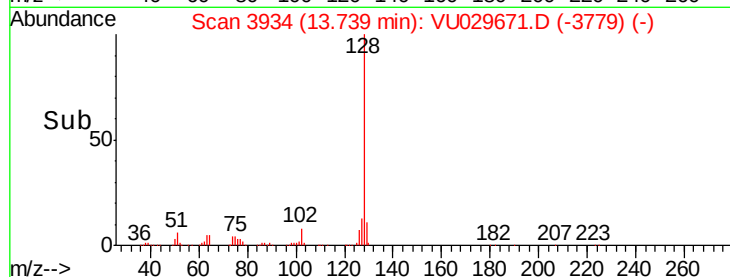
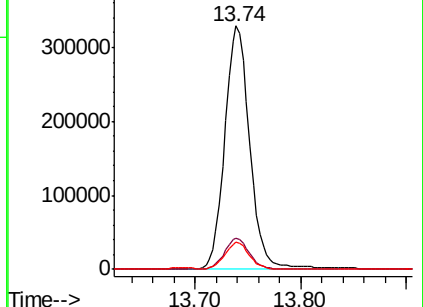
129 10.8 8.2 12.4



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#90

1,2,3-Trichlorobenzene

Concen: 11.367 ug/l

RT: 13.98 min Scan# 4010

Delta R.T. -0.00 min

Lab File: VU029671.D

Acq: 26 Feb 2019 09:53

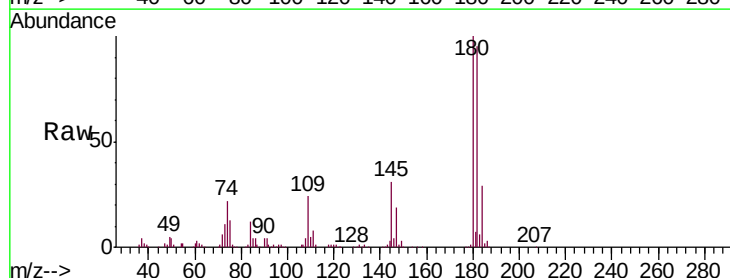
Tgt Ion:180 Resp: 287409

Ion Ratio Lower Upper

180 100

182 96.1 78.0 117.0

145 30.9 26.6 39.8



Abundance Ion 179.70 (179.40 to 180.40): V

Ion 181.70 (181.40 to 182.40): V

Ion 144.80 (144.50 to 145.50): V

