

Data File : VU029677.D
Acq On : 26 Feb 2019 13:07
Operator : JC/SP
Sample : VSTDCCC010
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleID :
VSTDCCC010EC

Quant Time: Feb 27 00:24:10 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	66062	1.00	ug/l	0.00

System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.31	95	26223	1.02	ug/l	0.00
Spiked Amount 1.000			Recovery	=	102.00%	
68) 1,2-Dichlorobenzene-d4	11.86	152	30046	1.14	ug/l	0.00
Spiked Amount 1.000			Recovery	=	114.00%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.21	85	225620	9.151 ug/l	98
3) Chloromethane	1.33	50	175031	7.769 ug/l	99
4) Vinyl Chloride	1.40	62	231395	8.761 ug/l	99
5) Bromomethane	1.62	94	120978	8.235 ug/l	96
6) Chloroethane	1.69	64	139256	9.025 ug/l	96
7) Trichlorofluoromethane	1.88	101	328748	8.914 ug/l	98
8) 1,1,2-Trichloro-1,2,2-trif	2.29	101	191648	9.841 ug/l	89
9) 1,1-Dichloroethene	2.28	96	186380	9.780 ug/l	65
10) Iodomethane	2.41	142	160678	5.764 ug/l #	74
11) Allyl Chloride	2.59	41	256920	8.039 ug/l #	81
12) Acrylonitrile	2.93	53	79458	18.602 ug/l	96
13) Acetone	2.32	43	177365	43.086 ug/l #	76
14) Carbon Disulfide	2.47	76	596934	8.871 ug/l	99
15) Methylene Chloride	2.69	84	212465	9.194 ug/l #	74
16) trans-1,2-Dichloroethene	2.97	96	207810	9.751 ug/l #	76
17) 1,1-Dichloroethane	3.44	63	322840	9.559 ug/l	96
18) 2-Butanone	4.27	43	232739	50.585 ug/l	95
19) Cyclohexane	4.99	56	237694	7.591 ug/l	85
20) Methylcyclohexane	6.41	83	333990	10.155 ug/l #	84
21) 2,2-Dichloropropane	4.22	77	284248	9.093 ug/l #	89
22) cis-1,2-Dichloroethene	4.22	96	217726	10.845 ug/l	74
23) Diethyl Ether	2.10	59	139602	9.122 ug/l	87
24) tert-Butyl Alcohol	2.83	59	143586	90.284 ug/l	99
25) Methyl tert-Butyl Ether	3.00	73	479157	8.929 ug/l #	80
26) Bromochloromethane	4.54	128	93504	10.544 ug/l	72
27) Chloroform	4.67	83	341001	10.383 ug/l	98
28) 1,1,1-Trichloroethane	4.91	97	294455	9.673 ug/l	95
29) 1,1-Dichloropropene	5.13	75	262336	9.927 ug/l	92
30) Carbon Tetrachloride	5.13	117	264056	9.582 ug/l	98
31) Isopropyl Ether	3.58	45	467043	9.165 ug/l	90
32) Ethyl-t-butyl ether	4.07	59	475701	9.315 ug/l	89
33) Tert-Amyl methyl ether	5.58	73	450367	9.753 ug/l	99
34) Propionitrile	4.33	54	68549	56.682 ug/l #	94
35) Benzene	5.38	78	768201	10.512 ug/l	98
36) 1,2-Dichloroethane	5.40	62	211907	9.587 ug/l #	89
37) Trichloroethene	6.18	130	224752	10.717 ug/l	86
38) 1,2-Dichloropropane	6.43	63	192903	10.147 ug/l	99
39) Methacrylonitrile	4.55	41	56790	9.170 ug/l #	86
40) Methyl acrylate	4.42	55	92631	9.908 ug/l #	92
41) Tetrahydrofuran	4.65	42	57191	18.332 ug/l #	80
42) 1-Chlorobutane	5.06	56	349741	9.878 ug/l	84

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Dibromomethane	6.56	93	102678	10.135	ug/l	89
44) Bromodichloromethane	6.75	83	251122	9.728	ug/l	97
45) 4-Methyl-2-Pentanone	7.46	43	559264	47.093	ug/l #	87
46) t-1,4-Dichloro-2-butene	10.49	75	113003	19.531	ug/l #	74
47) Methyl methacrylate	6.62	69	183574	20.595	ug/l #	70
48) Ethyl methacrylate	8.02	69	187820	9.822	ug/l	77
49) Toluene	7.63	92	498801	10.666	ug/l	98
50) t-1,3-Dichloropropene	7.88	75	231602	9.153	ug/l	96
51) cis-1,3-Dichloropropene	7.27	75	287030	9.549	ug/l #	84
52) 1,1,2-Trichloroethane	8.06	97	147490	10.997	ug/l	98
53) 1,3-Dichloropropane	8.24	76	243861	10.350	ug/l	100
54) 2-Hexanone	8.36	43	403485	48.470	ug/l	84
55) Dibromochloromethane	8.47	129	187861	9.855	ug/l	98
56) 1,2-Dibromoethane	8.58	107	141285	10.268	ug/l	99
58) Tetrachloroethene	8.22	164	224628	11.511	ug/l	92
59) Chlorobenzene	9.12	112	570032	10.821	ug/l	99
60) 1,1,1,2-Tetrachloroethane	9.21	131	197683	10.156	ug/l	96
61) Pentachloroethane	11.10	117	150172	9.954	ug/l	91
62) Hexachloroethane	12.14	117	160815	9.766	ug/l	98
63) Ethyl Benzene	9.25	91	967541	10.576	ug/l	96
64) m/p-Xylenes	9.37	106	771315	21.695	ug/l	87
65) o-Xylene	9.77	106	376086	10.777	ug/l	86
66) Styrene	9.79	104	635360	10.922	ug/l	92
67) Bromoform	9.95	173	114096	9.621	ug/l	100
69) Isopropylbenzene	10.16	105	996581	10.689	ug/l	96
70) 1,1,2,2-Tetrachloroethane	10.45	83	187069	10.882	ug/l	98
71) 1,2,3-Trichloropropane	10.49	75	113003	9.573	ug/l #	79
72) Bromobenzene	10.45	156	254710	11.271	ug/l	84
73) n-propylbenzene	10.58	120	284060	10.938	ug/l	82
74) 2-Chlorotoluene	10.66	126	238935	10.805	ug/l	83
75) 1,3,5-Trimethylbenzene	10.77	105	849601	10.569	ug/l	95
76) 4-Chlorotoluene	10.77	126	254500	11.089	ug/l	77
77) tert-Butylbenzene	11.10	119	849715	10.694	ug/l	90
78) 1,2,4-Trimethylbenzene	11.14	105	870341	10.695	ug/l	94
79) sec-Butylbenzene	11.32	105	1129027	10.860	ug/l	96
80) Nitrobenzene	12.86	77	20622	26.926	ug/l #	92
81) p-Isopropyltoluene	11.47	119	961419	10.910	ug/l	93
82) 1,3-Dichlorobenzene	11.41	146	505219	11.394	ug/l	95
83) 1,4-Dichlorobenzene	11.50	146	503534	11.403	ug/l	96
84) n-Butylbenzene	11.89	91	879924	10.881	ug/l	96
85) 1,2-Dichlorobenzene	11.87	146	466871	11.137	ug/l	96
86) 1,2-Dibromo-3-Chloropropan	12.65	75	29111	9.074	ug/l #	60
87) 1,2,4-Trichlorobenzene	13.50	180	336683	11.434	ug/l	98
88) Hexachlorobutadiene	13.69	225	195411	11.459	ug/l	99
89) Naphthalene	13.74	128	557573	11.165	ug/l	99
90) 1,2,3-Trichlorobenzene	13.98	180	302988	11.259	ug/l	97

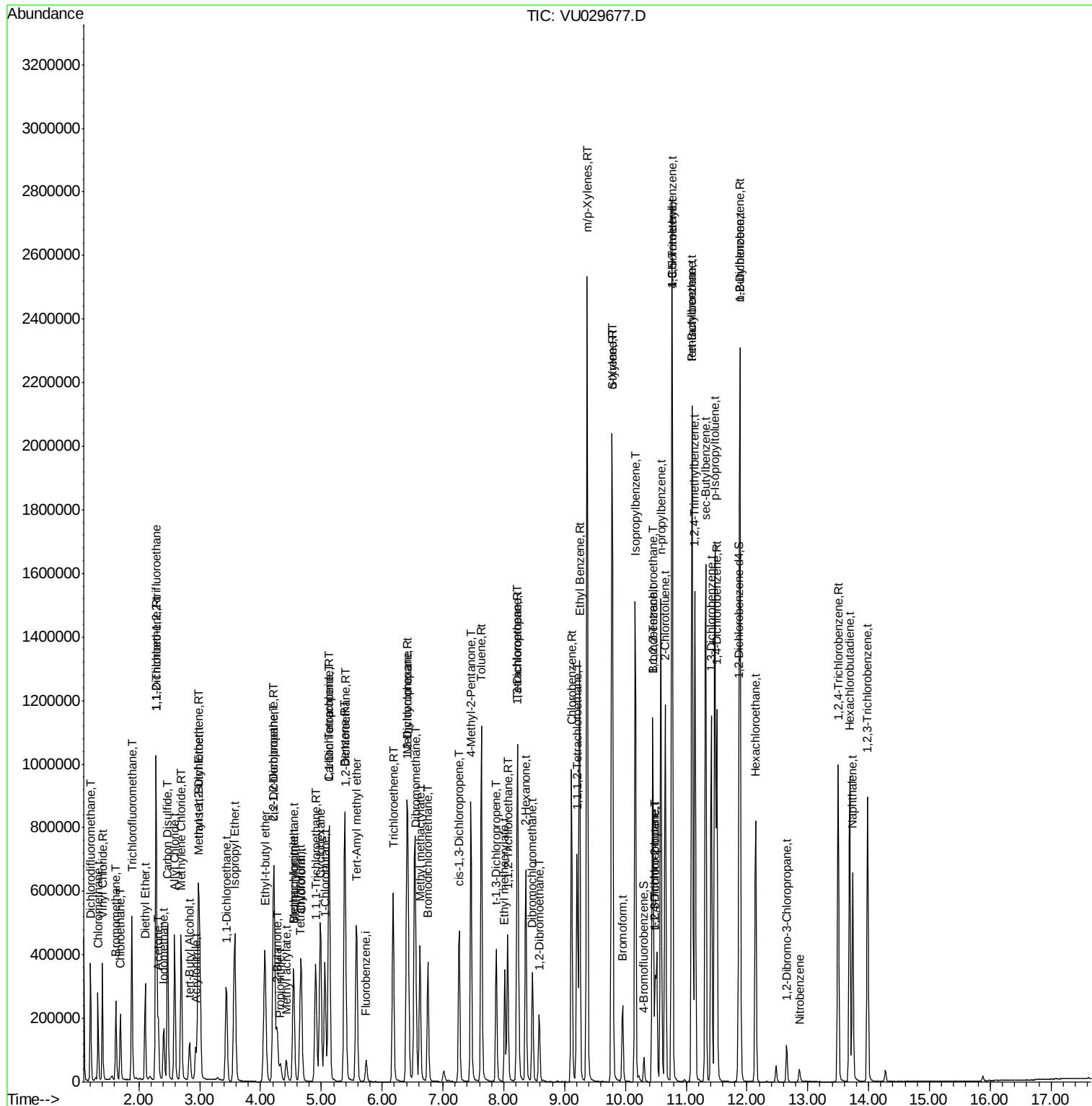
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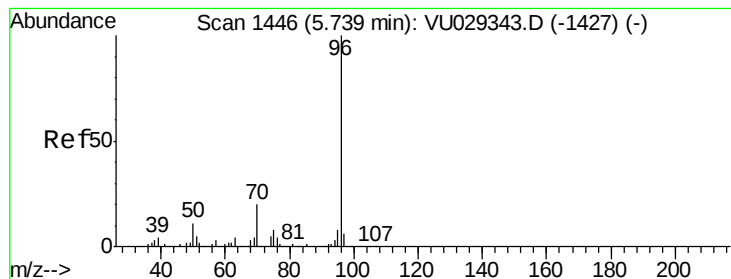
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#1

Fluorobenzene

Concen: 1.000 ug/l

RT: 5.74 min Scan# 1446

Delta R.T. -0.00 min

Lab File: VU029677.D

Acq: 26 Feb 2019 13:07

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 96 Resp: 66062

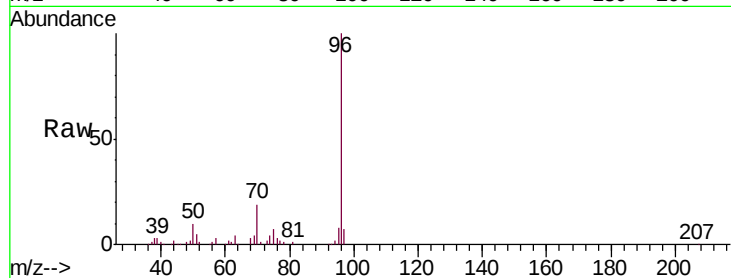
Ion Ratio Lower Upper

96 100

70 20.7 16.2 24.2

95 8.2 7.4 11.2

97 0.0 0.0 0.0

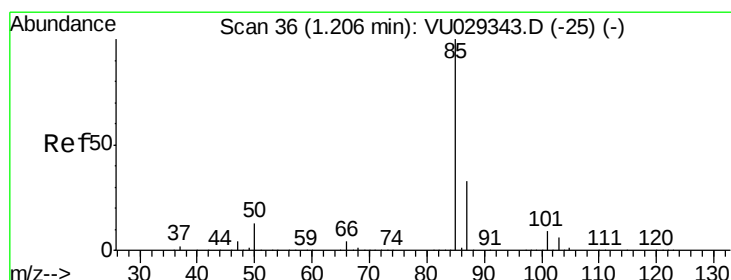
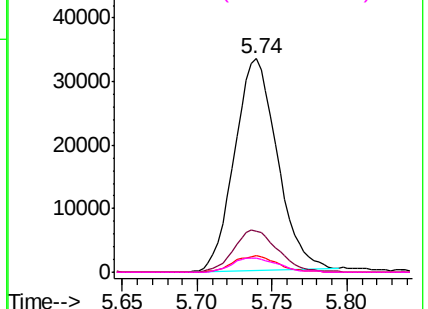
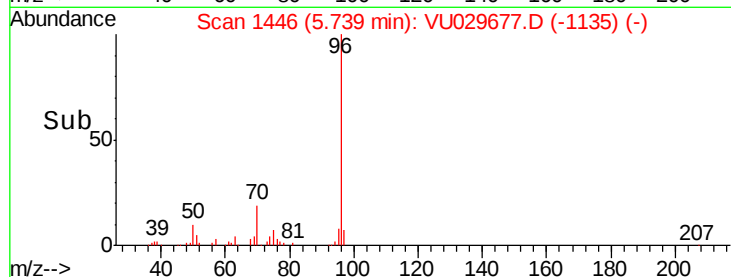


Abundance Ion 96.00 (95.70 to 96.70): VU029677.D (-1135) (-)

Ion 70.00 (69.70 to 70.70): VU029677.D (-1135) (-)

Ion 95.00 (94.70 to 95.70): VU029677.D (-1135) (-)

Ion 97.00 (96.70 to 97.70): VU029677.D (-1135) (-)



#2

Dichlorodifluoromethane

Concen: 9.151 ug/l

RT: 1.21 min Scan# 36

Delta R.T. -0.00 min

Lab File: VU029677.D

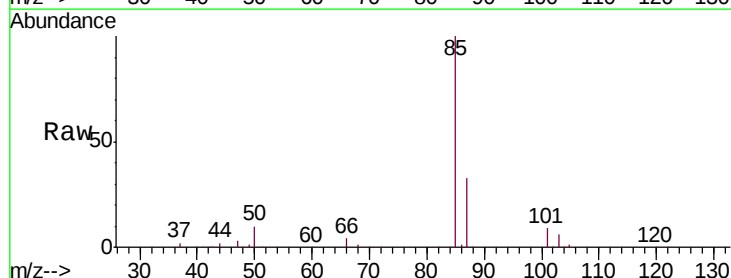
Acq: 26 Feb 2019 13:07

Tgt Ion: 85 Resp: 225620

Ion Ratio Lower Upper

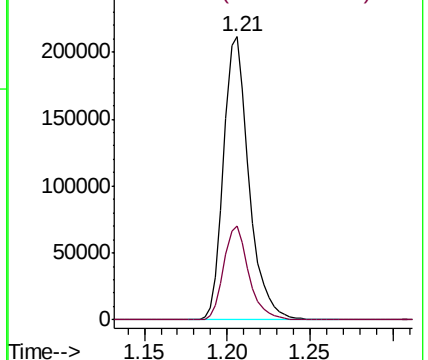
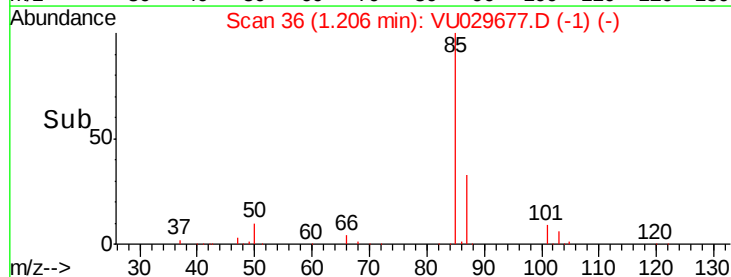
85 100

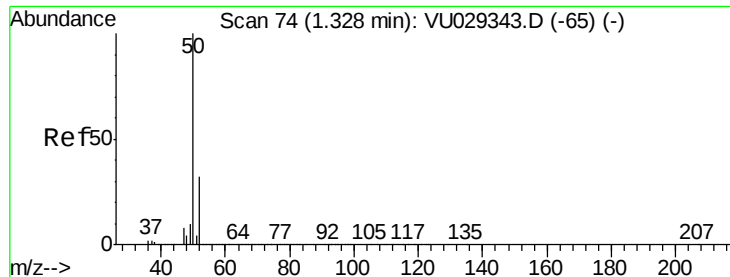
87 33.0 15.9 47.6



Abundance Ion 85.00 (84.70 to 85.70): VU029677.D (-1) (-)

Ion 87.00 (86.70 to 87.70): VU029677.D (-1) (-)





#3

Chloromethane

Concen: 7.769 ug/l

RT: 1.33 min Scan# 74

Delta R.T. -0.00 min

Lab File: VU029677.D

Acq: 26 Feb 2019 13:07

Instrument :

MSVOA_U

ClientSampleId :

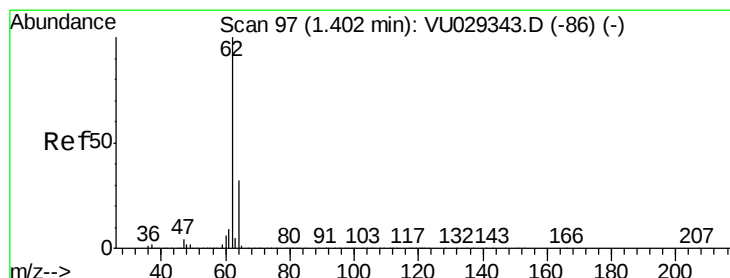
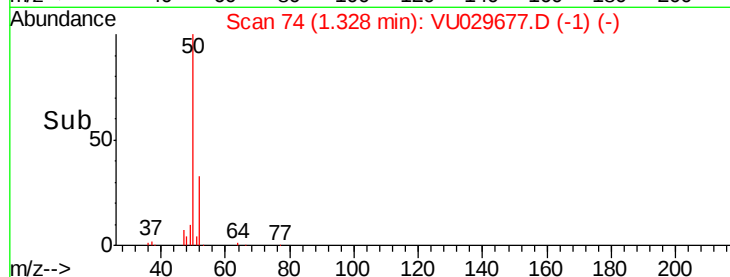
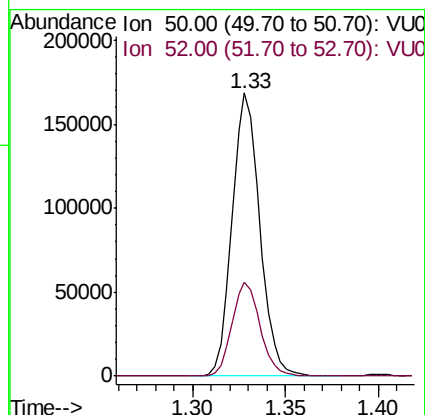
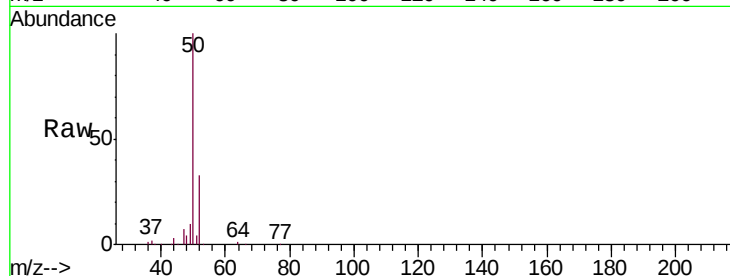
VSTDCCC010EC

Tgt Ion: 50 Resp: 175031

Ion Ratio Lower Upper

50 100

52 33.4 27.3 40.9



#4

Vinyl Chloride

Concen: 8.761 ug/l

RT: 1.40 min Scan# 97

Delta R.T. -0.00 min

Lab File: VU029677.D

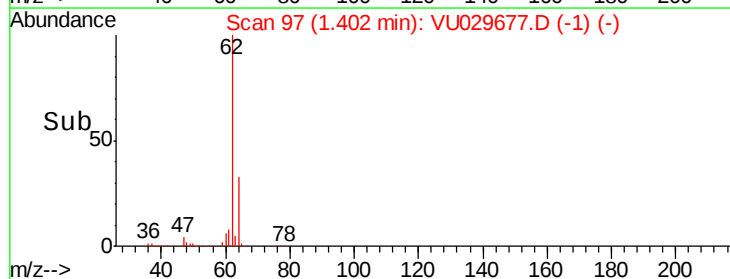
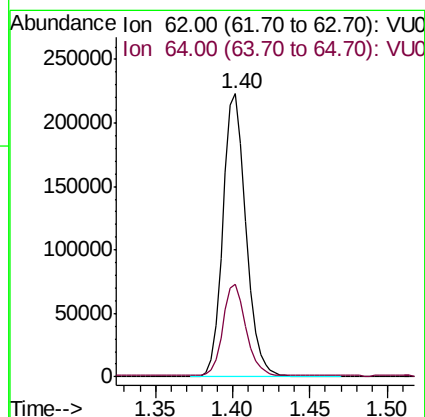
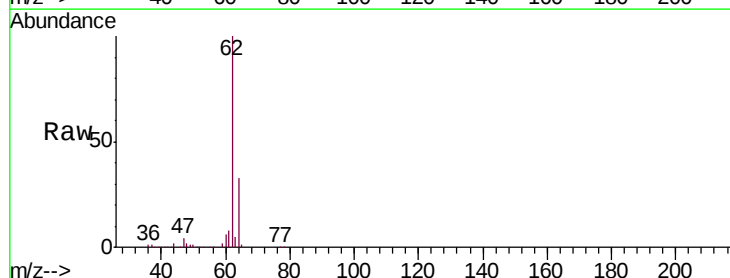
Acq: 26 Feb 2019 13:07

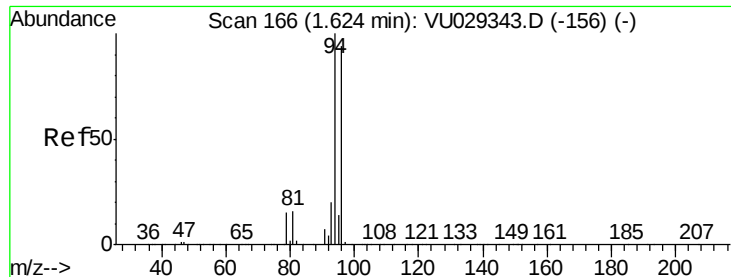
Tgt Ion: 62 Resp: 231395

Ion Ratio Lower Upper

62 100

64 32.2 25.2 37.8





#5

Bromomethane

Concen: 8.235 ug/l

RT: 1.62 min Scan# 165

Delta R.T. -0.00 min

Lab File: VU029677.D

Acq: 26 Feb 2019 13:07

Instrument :

MSVOA_U

ClientSampleId :

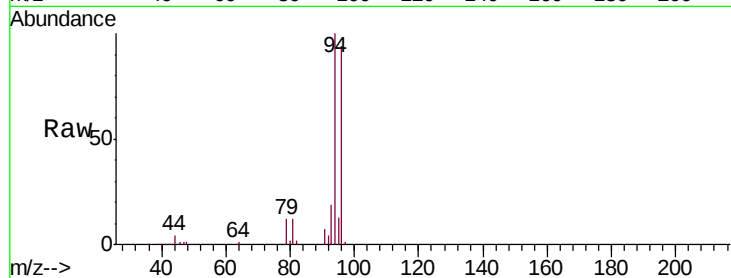
VSTDCCC010EC

Tgt Ion: 94 Resp: 120978

Ion Ratio Lower Upper

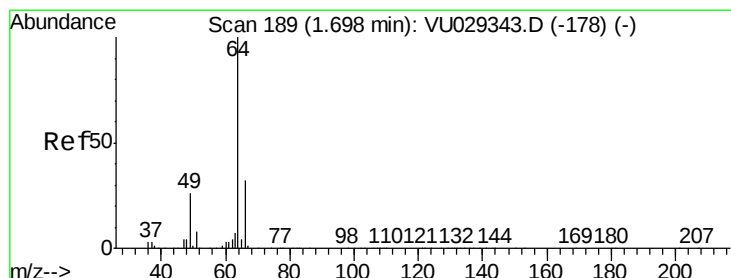
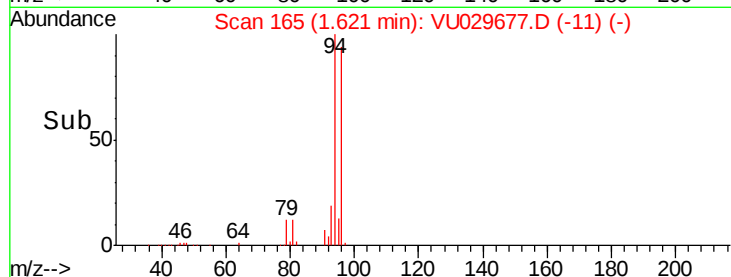
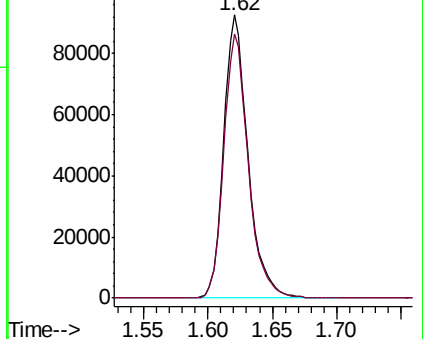
94 100

96 93.5 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: 9.025 ug/l

RT: 1.69 min Scan# 188

Delta R.T. -0.00 min

Lab File: VU029677.D

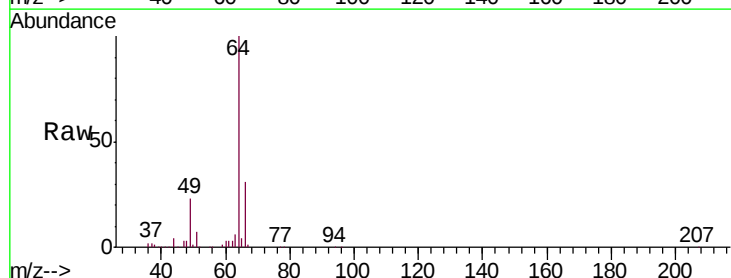
Acq: 26 Feb 2019 13:07

Tgt Ion: 64 Resp: 139256

Ion Ratio Lower Upper

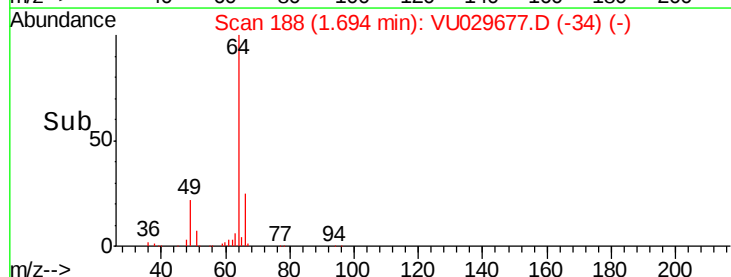
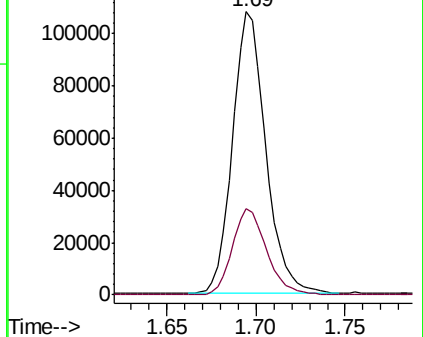
64 100

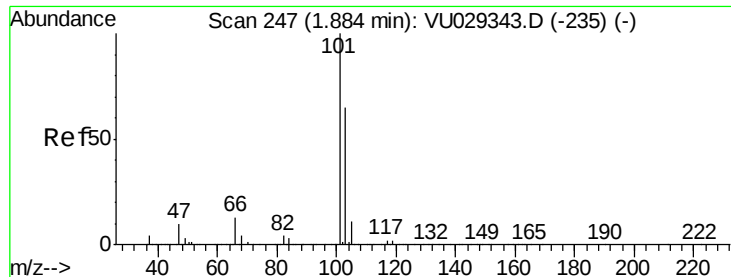
66 30.7 26.3 39.5



Abundance Ion 64.00 (63.70 to 64.70): VU0

Ion 66.00 (65.70 to 66.70): VU0



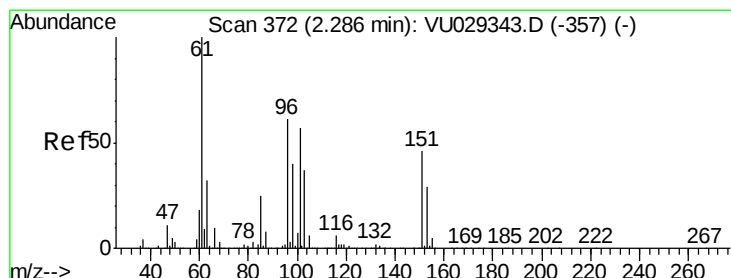
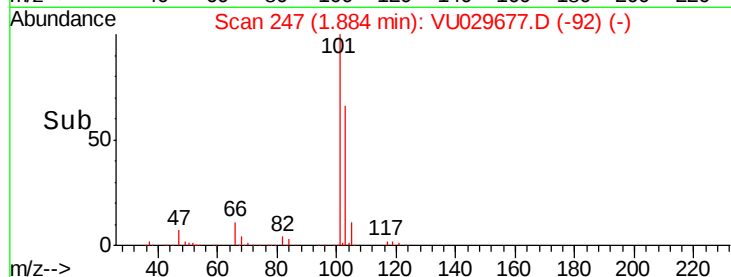
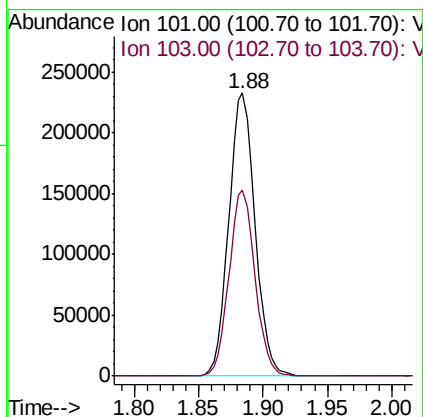
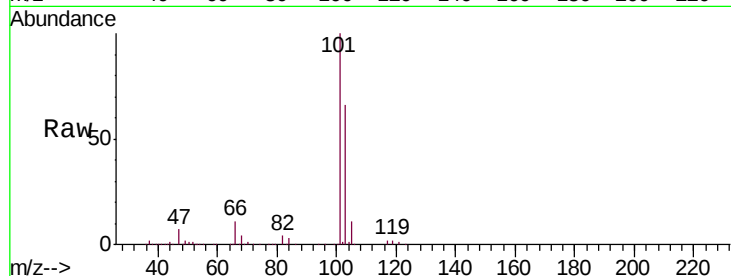


#7

Trichlorofluoromethane
 Concen: 8.914 ug/l
 RT: 1.88 min Scan# 247
 Delta R.T. -0.00 min
 Lab File: VU029677.D
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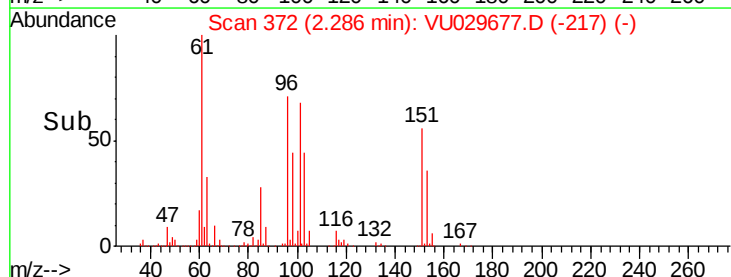
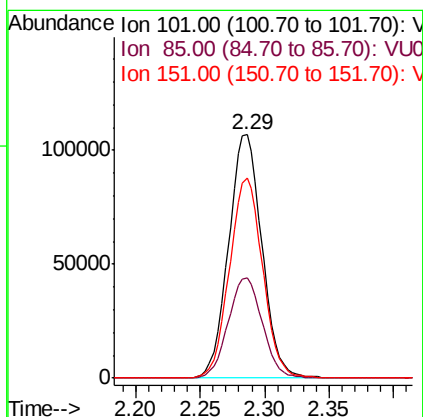
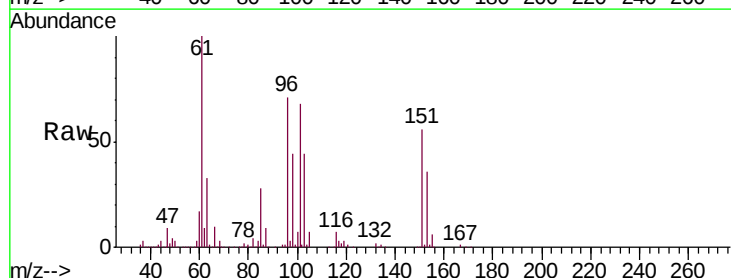
Tgt Ion:101 Resp: 328748
 Ion Ratio Lower Upper
 101 100
 103 65.9 53.9 80.9

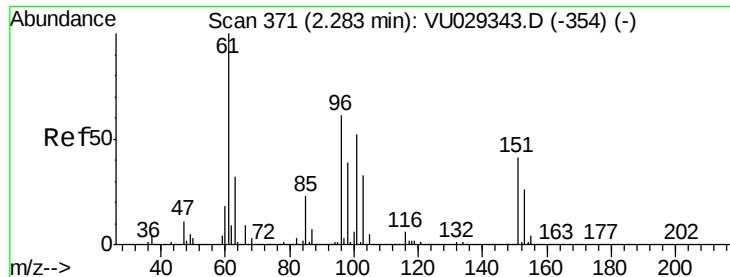


#8

1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 9.841 ug/l
 RT: 2.29 min Scan# 372
 Delta R.T. -0.00 min
 Lab File: VU029677.D
 Acq: 26 Feb 2019 13:07

Tgt Ion:101 Resp: 191648
 Ion Ratio Lower Upper
 101 100
 85 42.1 40.3 60.5
 151 81.8 58.1 87.1





#9

1,1-Dichloroethene

Concen: 9.780 ug/l

RT: 2.28 min Scan# 371

Delta R.T. -0.00 min

Lab File: VU029677.D

Acq: 26 Feb 2019 13:07

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

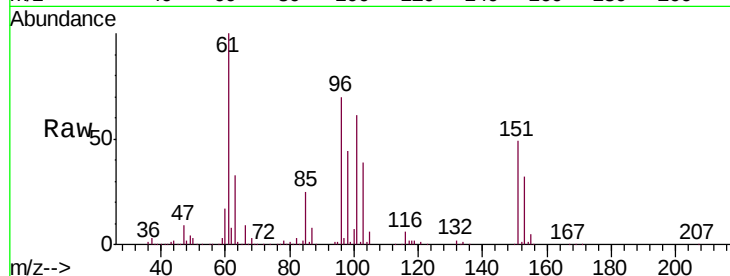
Tgt Ion: 96 Resp: 186380

Ion Ratio Lower Upper

96 100

61 142.5 0.0 641.4

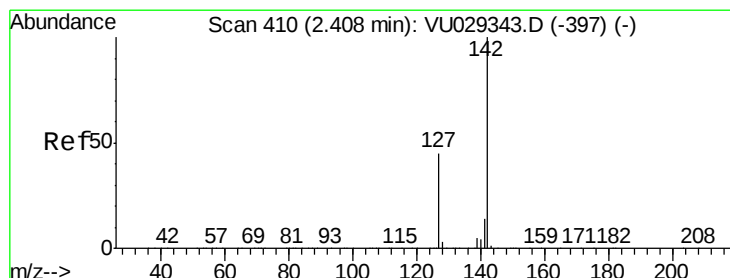
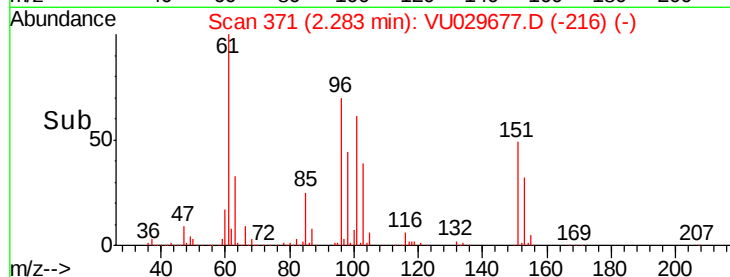
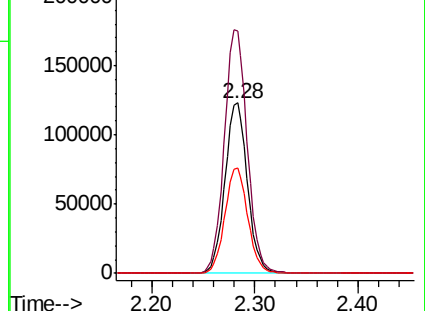
98 62.0 0.0 122.6



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: 5.764 ug/l

RT: 2.41 min Scan# 410

Delta R.T. 0.00 min

Lab File: VU029677.D

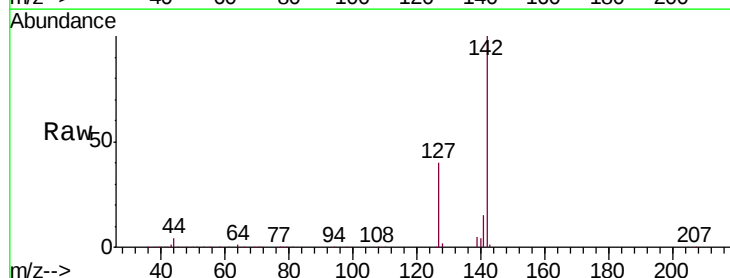
Acq: 26 Feb 2019 13:07

Tgt Ion: 142 Resp: 160678

Ion Ratio Lower Upper

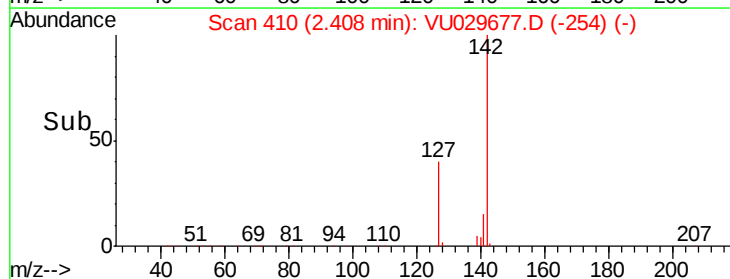
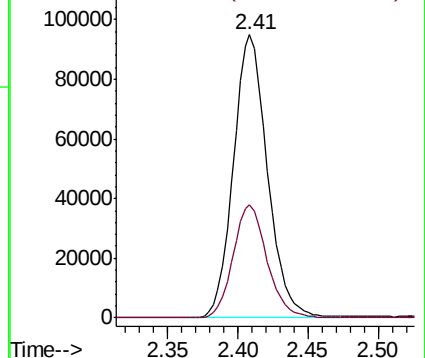
142 100

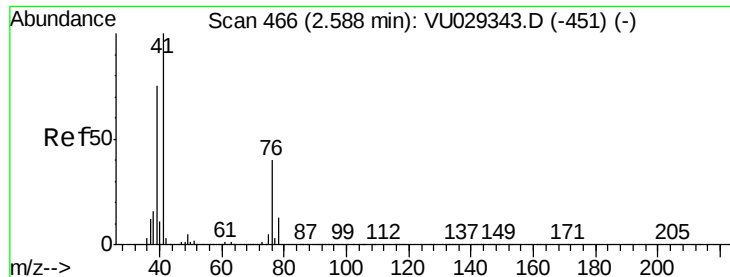
127 39.8 47.6 71.4#



Abundance Ion 142.00 (141.70 to 142.70): V

Ion 127.00 (126.70 to 127.70): V

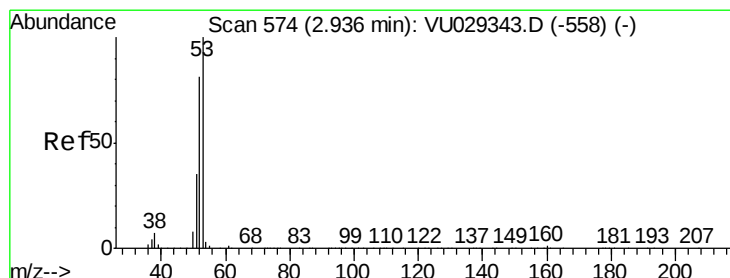
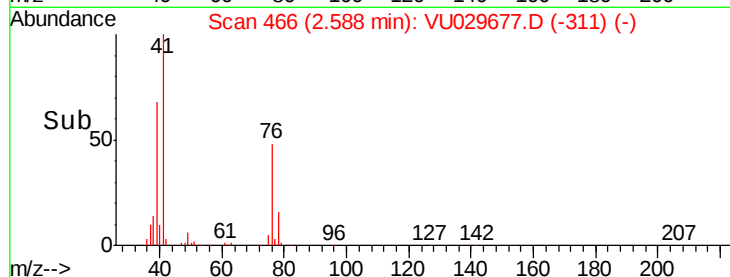
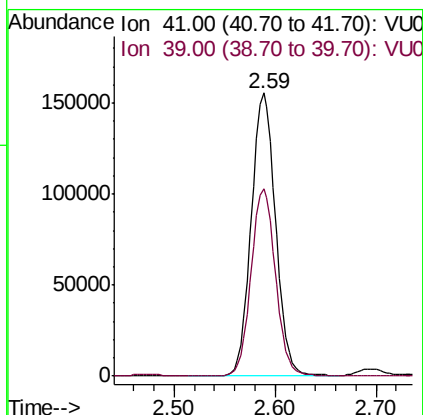
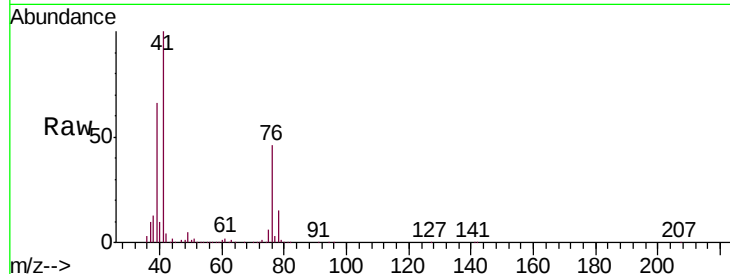




#11
 Allyl Chloride
 Concen: 8.039 ug/l
 RT: 2.59 min Scan# 466
 Delta R.T. -0.00 min
 Lab File: VU029677.D
 Acq: 26 Feb 2019 13:07

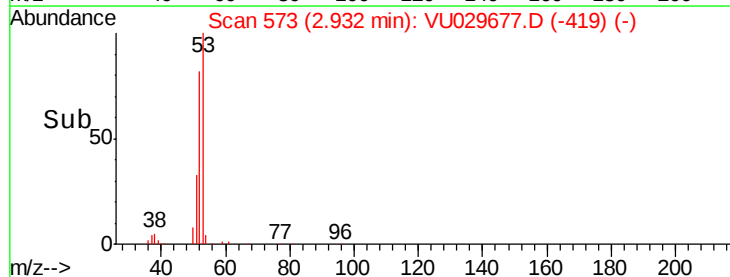
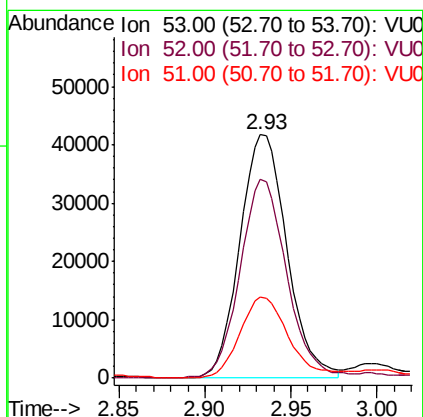
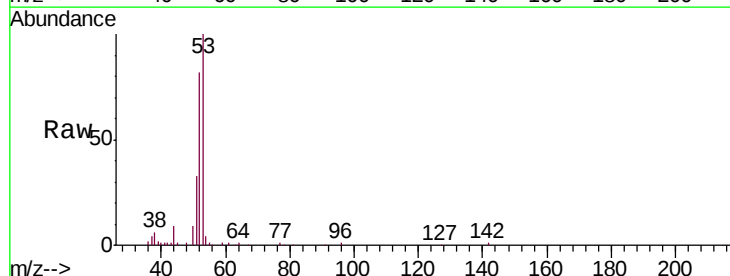
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC

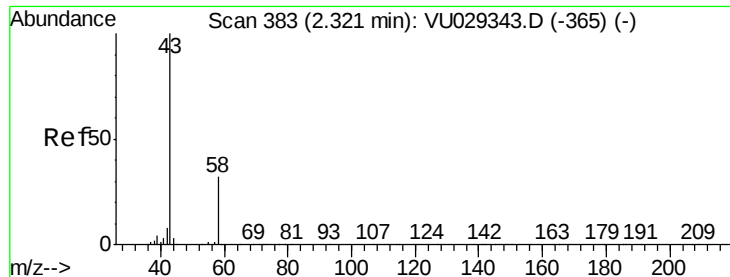
Tgt Ion: 41 Resp: 256920
 Ion Ratio Lower Upper
 41 100
 39 66.5 67.2 100.8#



#12
 Acrylonitrile
 Concen: 18.602 ug/l
 RT: 2.93 min Scan# 573
 Delta R.T. -0.00 min
 Lab File: VU029677.D
 Acq: 26 Feb 2019 13:07

Tgt Ion: 53 Resp: 79458
 Ion Ratio Lower Upper
 53 100
 52 81.1 67.6 101.4
 51 35.2 31.0 46.4





#13

Acetone

Concen: 43.086 ug/l

RT: 2.32 min Scan# 382

Delta R.T. -0.00 min

Lab File: VU029677.D

Acq: 26 Feb 2019 13:07

Instrument :

MSVOA_U

ClientSampleId :

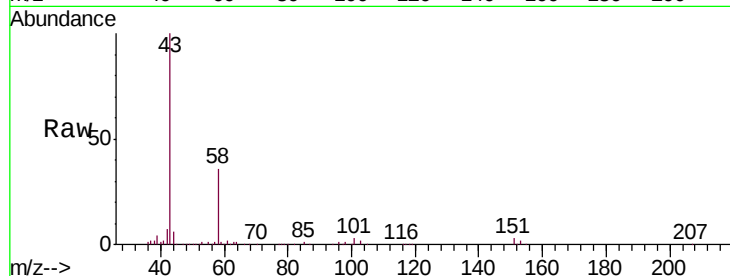
VSTDCCC010EC

Tgt Ion: 43 Resp: 177365

Ion Ratio Lower Upper

43 100

58 36.0 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

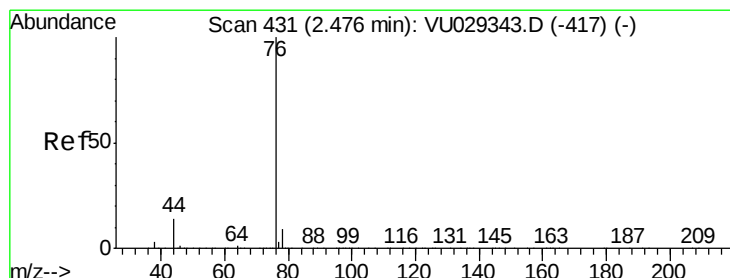
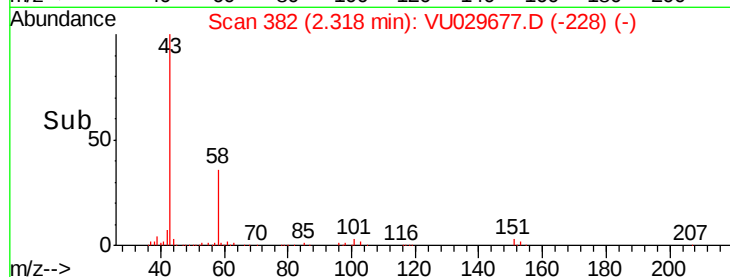
60000

40000

20000

0

Time-->



#14

Carbon Disulfide

Concen: 8.871 ug/l

RT: 2.47 min Scan# 430

Delta R.T. -0.00 min

Lab File: VU029677.D

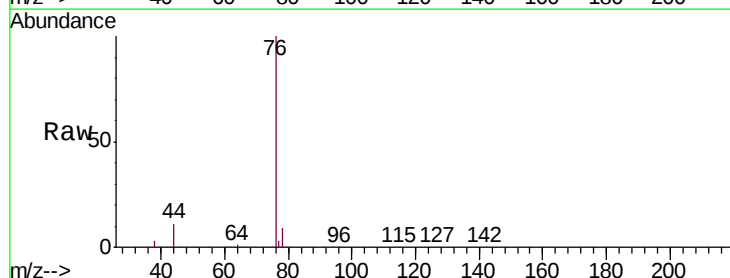
Acq: 26 Feb 2019 13:07

Tgt Ion: 76 Resp: 596934

Ion Ratio Lower Upper

76 100

78 9.4 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

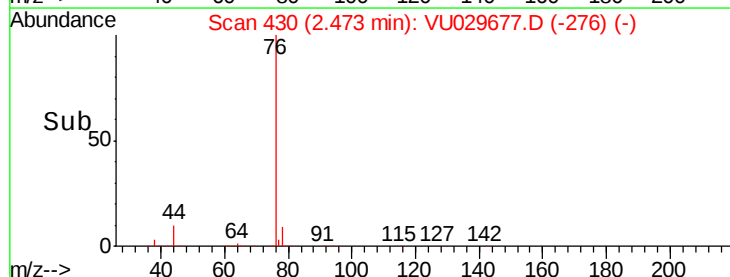
300000

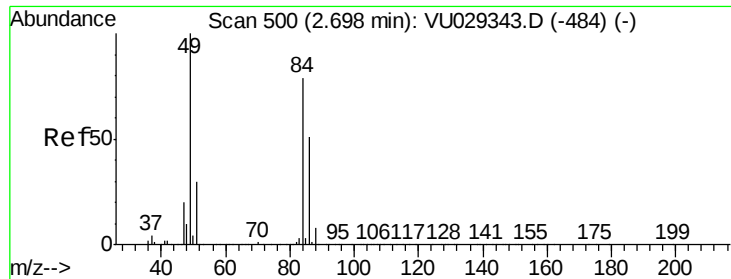
200000

100000

0

Time-->

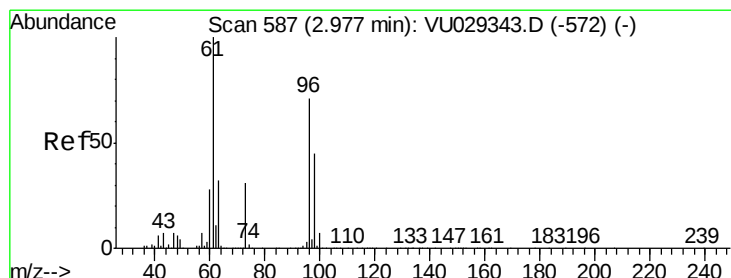
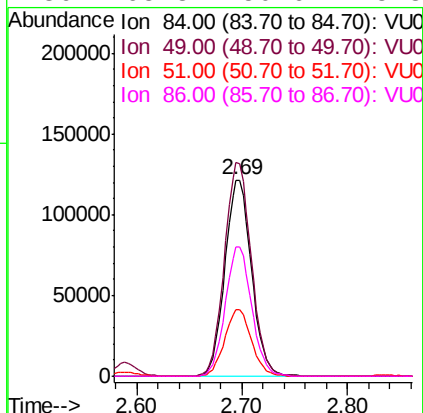
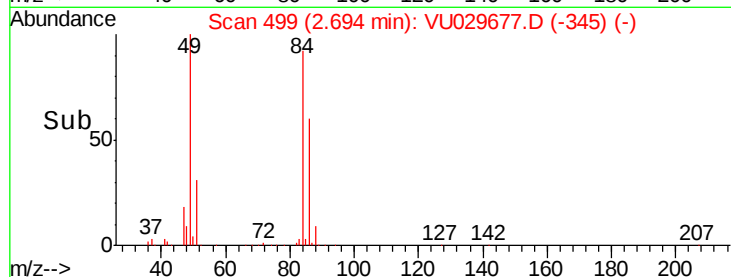
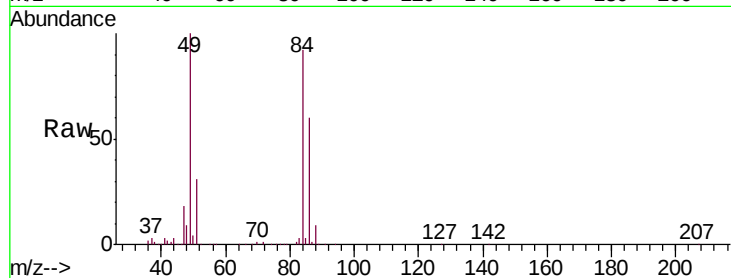




#15
Methylene Chloride
Concen: 9.194 ug/l
RT: 2.69 min Scan# 499
Delta R.T. -0.00 min
Lab File: VU029677.D
Acq: 26 Feb 2019 13:07

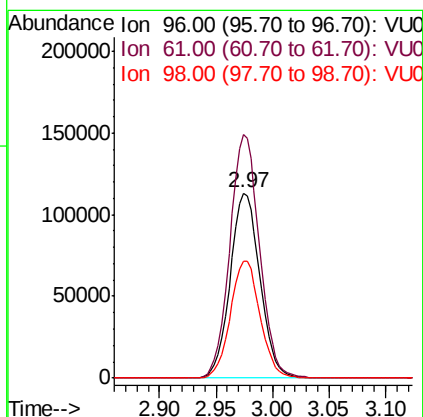
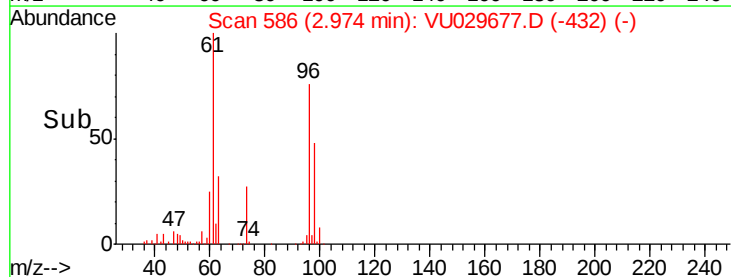
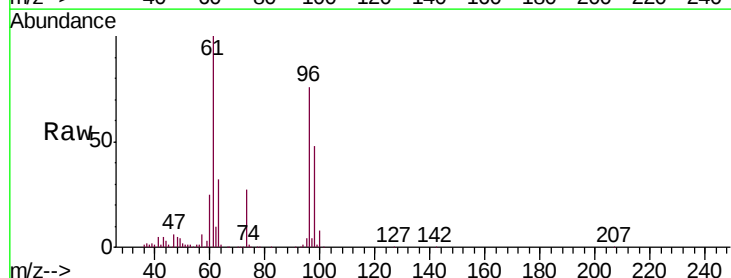
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

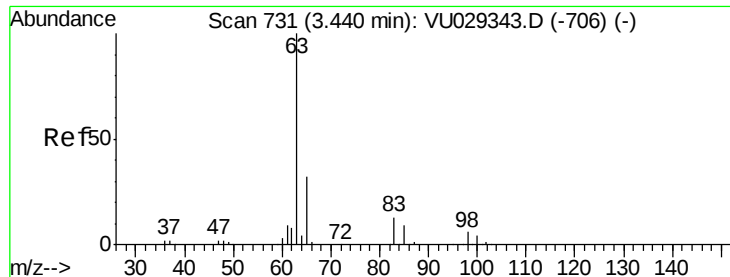
Tgt Ion: 84 Resp: 212465
Ion Ratio Lower Upper
84 100
49 109.0 127.0 190.6#
51 34.0 0.0 93.4
86 65.8 50.6 75.8



#16
trans-1,2-Dichloroethene
Concen: 9.751 ug/l
RT: 2.97 min Scan# 586
Delta R.T. -0.00 min
Lab File: VU029677.D
Acq: 26 Feb 2019 13:07

Tgt Ion: 96 Resp: 207810
Ion Ratio Lower Upper
96 100
61 131.6 140.6 210.8#
98 63.4 49.3 73.9

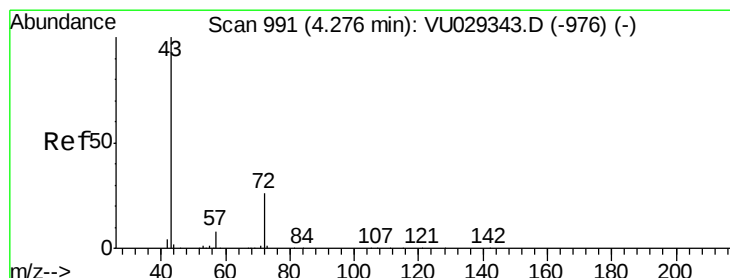
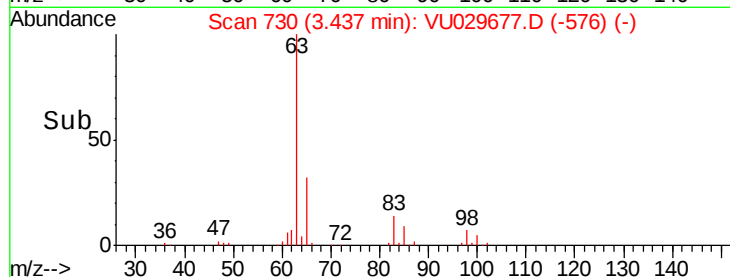
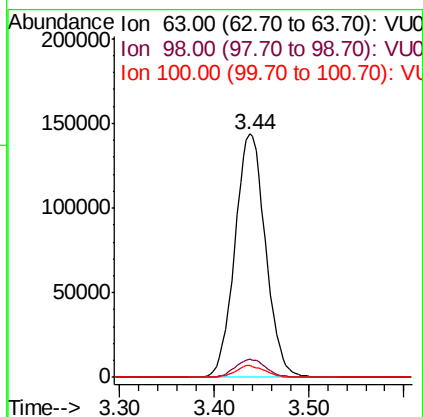
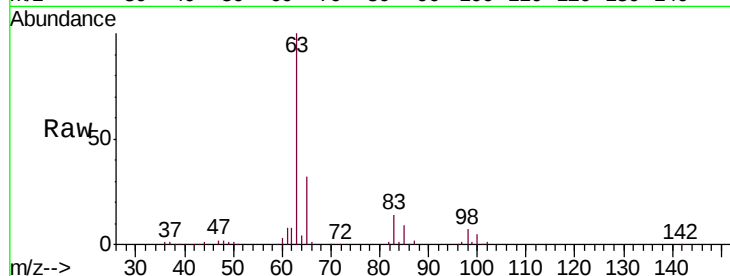




#17
 1,1-Dichloroethane
 Concen: 9.559 ug/l
 RT: 3.44 min Scan# 730
 Delta R.T. -0.00 min
 Lab File: VU029677.D
 Acq: 26 Feb 2019 13:07

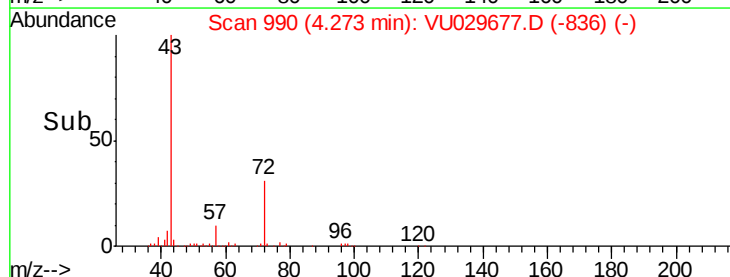
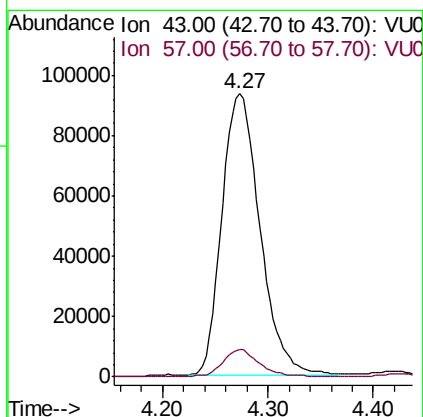
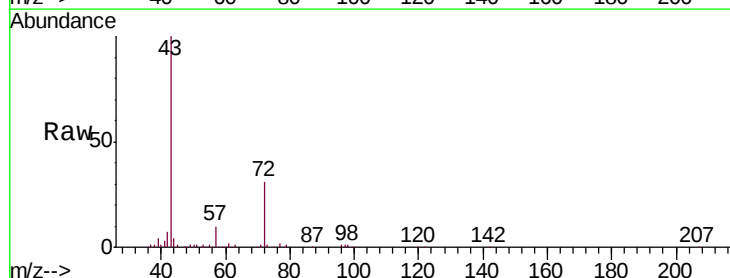
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC

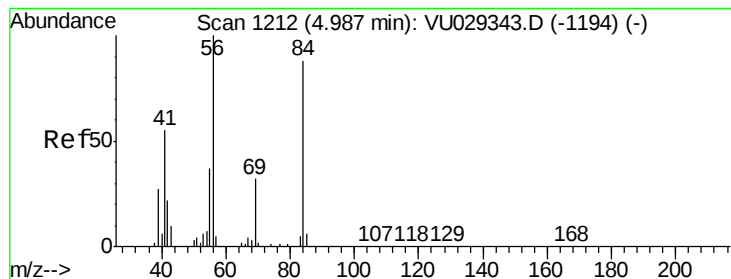
Tgt Ion:	63	Resp:	322840
Ion	Ratio	Lower	Upper
63	100		
98	7.3	2.9	8.8
100	4.9	1.7	5.1



#18
 2-Butanone
 Concen: 50.585 ug/l
 RT: 4.27 min Scan# 990
 Delta R.T. -0.00 min
 Lab File: VU029677.D
 Acq: 26 Feb 2019 13:07

Tgt Ion:	43	Resp:	232739
Ion	Ratio	Lower	Upper
43	100		
57	9.7	0.0	15.8





#19

Cyclohexane

Concen: 7.591 ug/l

RT: 4.99 min Scan# 1212

Delta R.T. -0.00 min

Lab File: VU029677.D

Acq: 26 Feb 2019 13:07

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

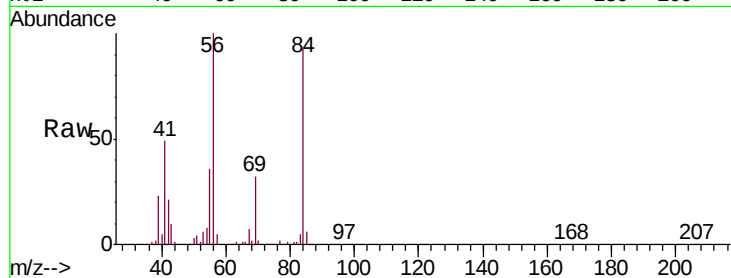
Tgt Ion: 56 Resp: 237694

Ion Ratio Lower Upper

56 100

69 37.0 26.8 40.2

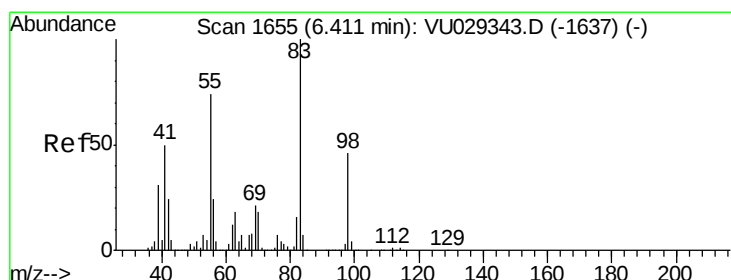
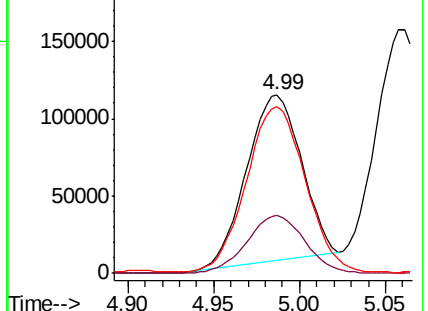
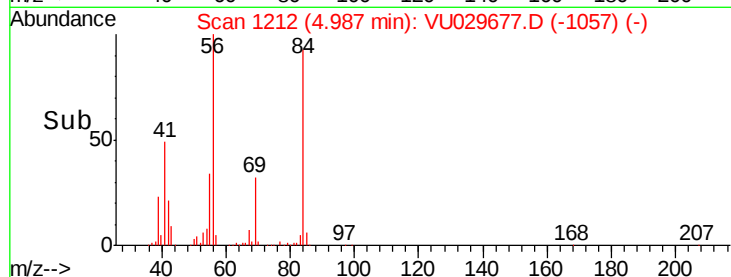
84 107.2 71.5 107.3



Abundance Ion 56.00 (55.70 to 56.70): VU029677.D (-1057) (-)

Ion 69.00 (68.70 to 69.70): VU029677.D (-1057) (-)

Ion 84.00 (83.70 to 84.70): VU029677.D (-1057) (-)



#20

Methylcyclohexane

Concen: 10.155 ug/l

RT: 6.41 min Scan# 1654

Delta R.T. -0.00 min

Lab File: VU029677.D

Acq: 26 Feb 2019 13:07

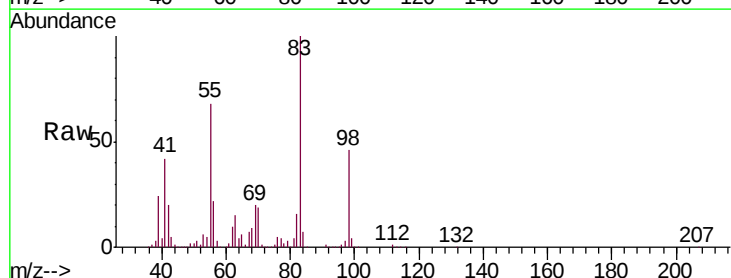
Tgt Ion: 83 Resp: 333990

Ion Ratio Lower Upper

83 100

55 68.5 72.4 108.6#

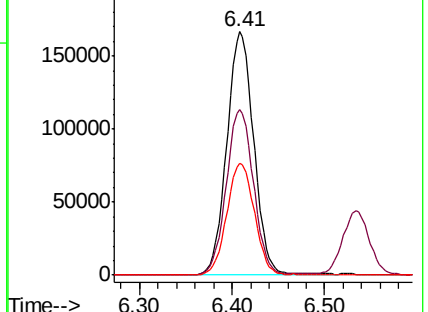
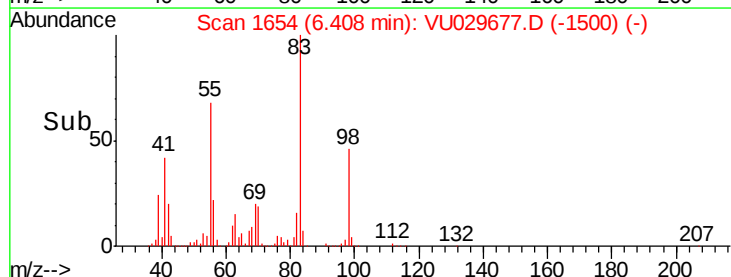
98 46.6 36.6 54.8

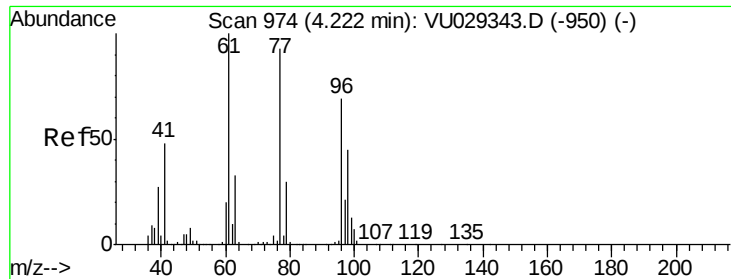


Abundance Ion 83.00 (82.70 to 83.70): VU029677.D (-1500) (-)

Ion 55.00 (54.70 to 55.70): VU029677.D (-1500) (-)

Ion 98.00 (97.70 to 98.70): VU029677.D (-1500) (-)

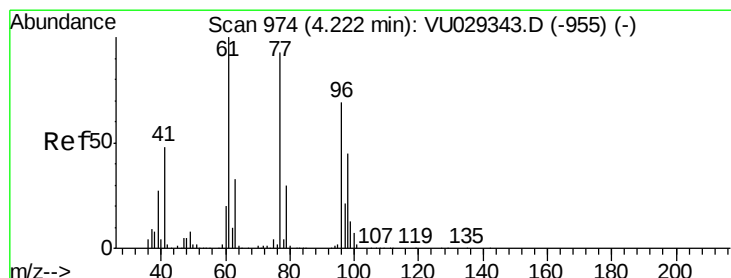
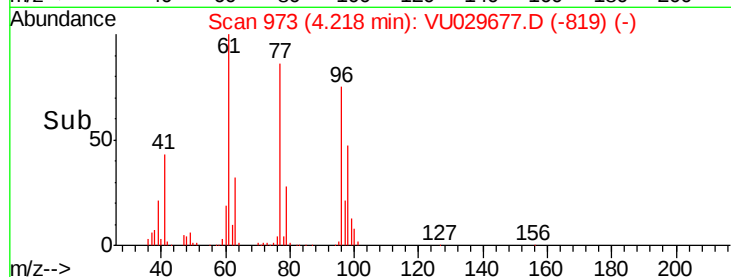
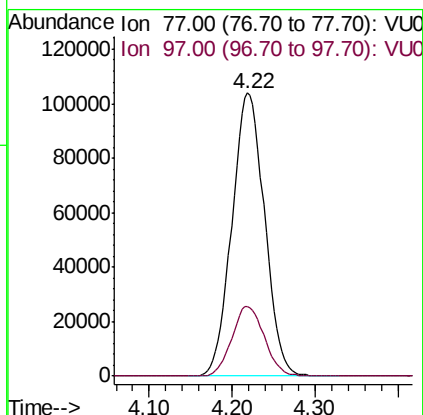
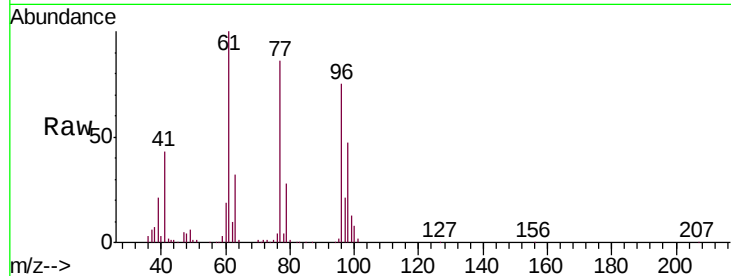




#21
 2,2-Dichloropropane
 Concen: 9.093 ug/l
 RT: 4.22 min Scan# 973
 Delta R.T. -0.00 min
 Lab File: VU029677.D
 Acq: 26 Feb 2019 13:07

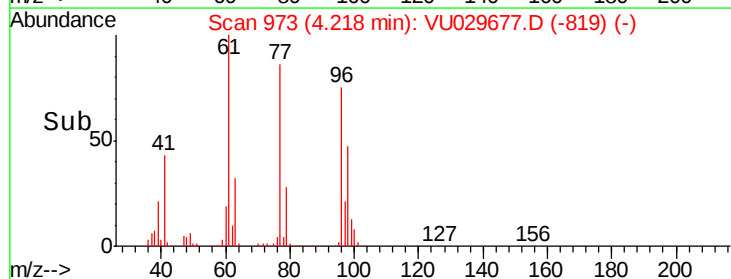
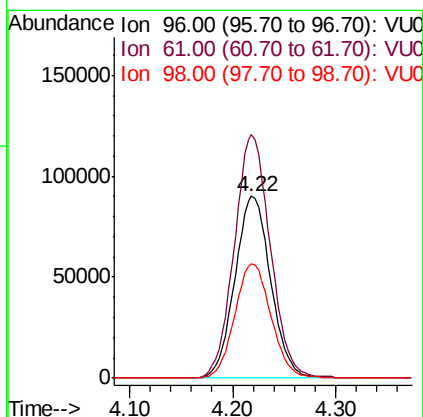
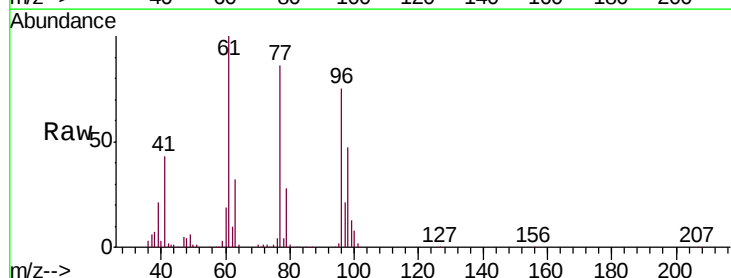
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC

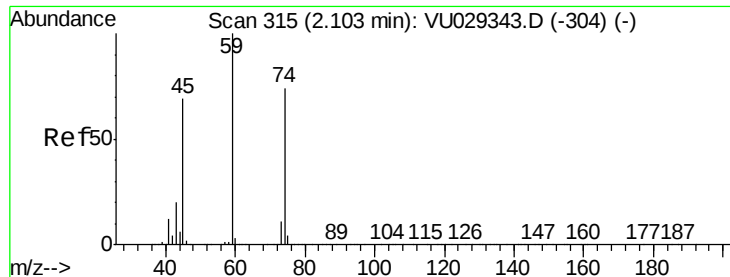
Tgt Ion: 77 Resp: 284248
 Ion Ratio Lower Upper
 77 100
 97 24.4 15.6 23.4#



#22
 cis-1,2-Dichloroethene
 Concen: 10.845 ug/l
 RT: 4.22 min Scan# 973
 Delta R.T. -0.00 min
 Lab File: VU029677.D
 Acq: 26 Feb 2019 13:07

Tgt Ion: 96 Resp: 217726
 Ion Ratio Lower Upper
 96 100
 61 134.9 0.0 460.0
 98 63.7 32.6 97.7





#23

Diethyl Ether

Concen: 9.122 ug/l

RT: 2.10 min Scan# 315

Delta R.T. -0.00 min

Lab File: VU029677.D

Acq: 26 Feb 2019 13:07

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

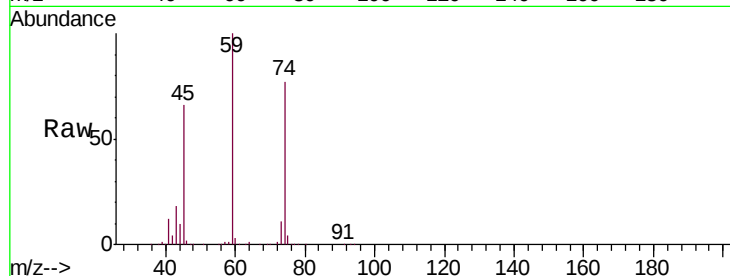
Tgt Ion: 59 Resp: 139602

Ion Ratio Lower Upper

59 100

45 66.4 64.2 96.4

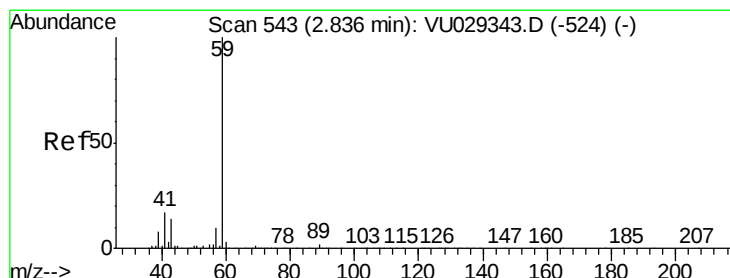
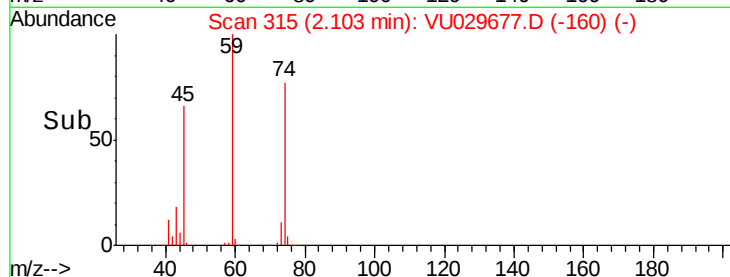
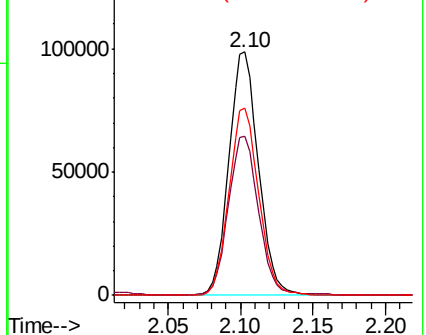
74 77.4 55.3 82.9



Abundance Ion 59.00 (58.70 to 59.70): VU0

Ion 45.00 (44.70 to 45.70): VU0

Ion 74.00 (73.70 to 74.70): VU0



#24

tert-Butyl Alcohol

Concen: 90.284 ug/l

RT: 2.83 min Scan# 542

Delta R.T. -0.00 min

Lab File: VU029677.D

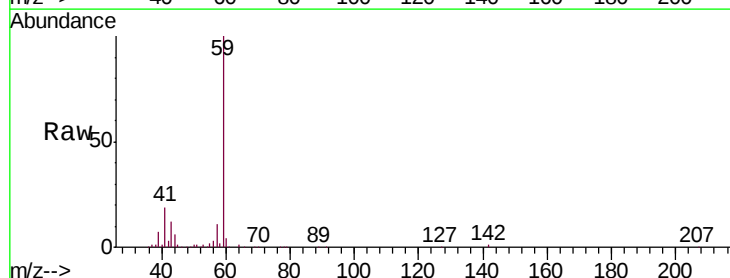
Acq: 26 Feb 2019 13:07

Tgt Ion: 59 Resp: 143586

Ion Ratio Lower Upper

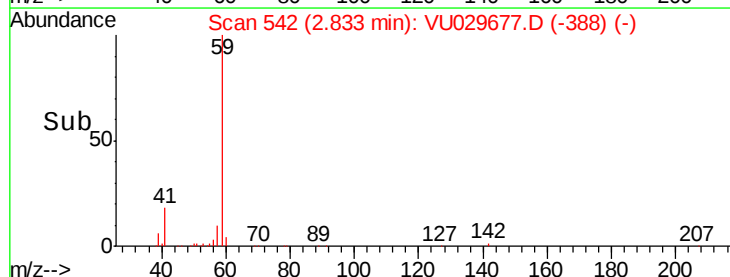
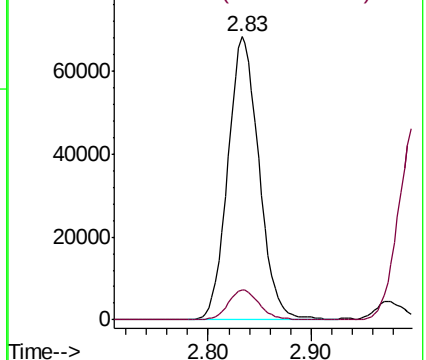
59 100

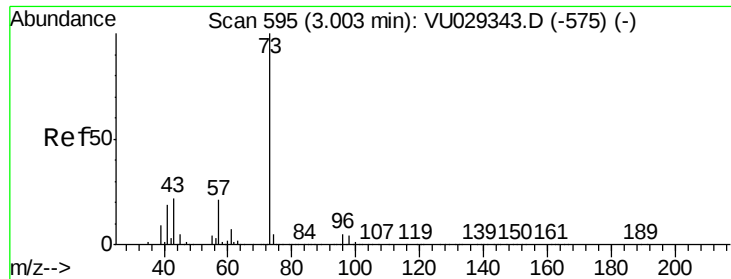
57 10.7 8.8 13.2



Abundance Ion 59.00 (58.70 to 59.70): VU0

Ion 57.00 (56.70 to 57.70): VU0





#25

Methyl tert-Butyl Ether

Concen: 8.929 ug/l

RT: 3.00 min Scan# 594

Delta R.T. -0.00 min

Lab File: VU029677.D

Acq: 26 Feb 2019 13:07

Instrument :

MSVOA_U

ClientSampleId :

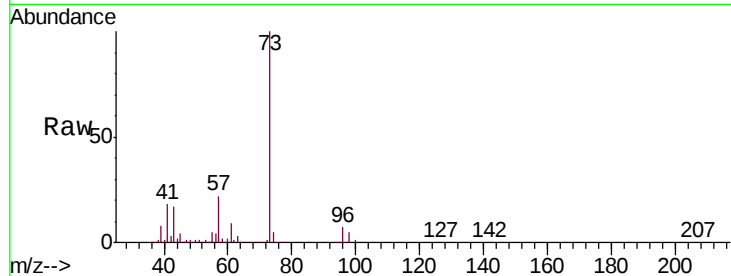
VSTDCCC010EC

Tgt Ion: 73 Resp: 479157

Ion Ratio Lower Upper

73 100

43 17.1 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

250000

200000

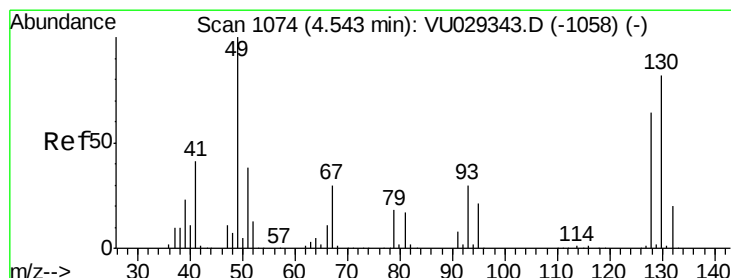
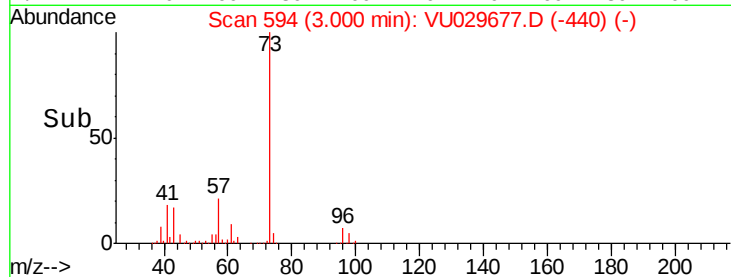
150000

100000

50000

0

Time-->



#26

Bromochloromethane

Concen: 10.544 ug/l

RT: 4.54 min Scan# 1073

Delta R.T. -0.00 min

Lab File: VU029677.D

Acq: 26 Feb 2019 13:07

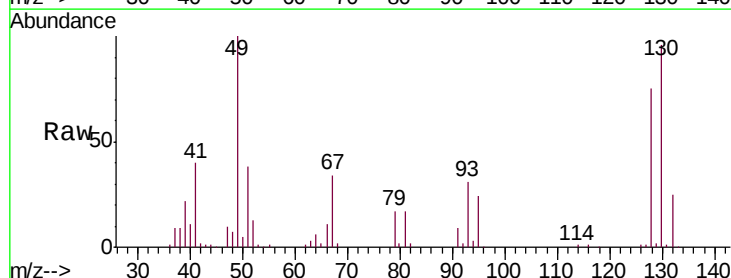
Tgt Ion: 128 Resp: 93504

Ion Ratio Lower Upper

128 100

49 133.9 0.0 401.6

130 131.1 108.0 162.0



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) (-)

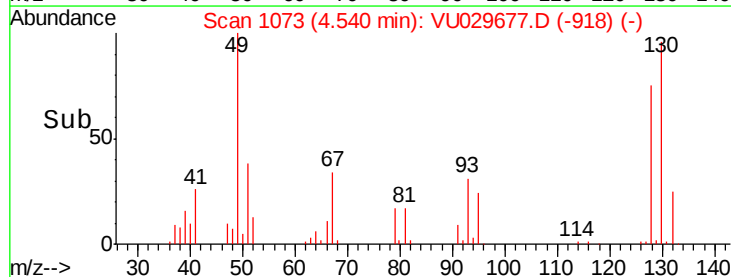
60000

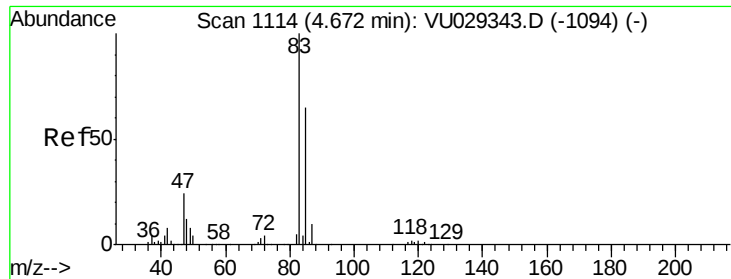
40000

20000

0

Time-->

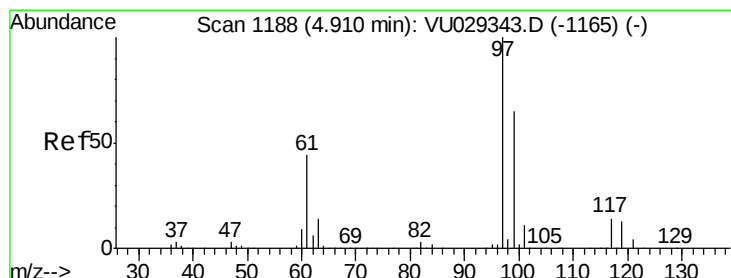
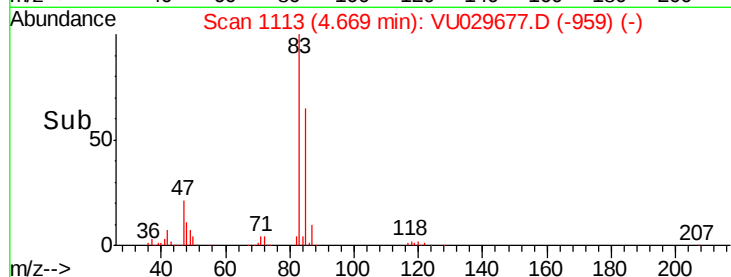
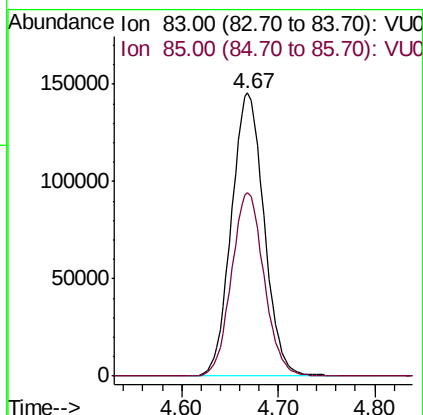
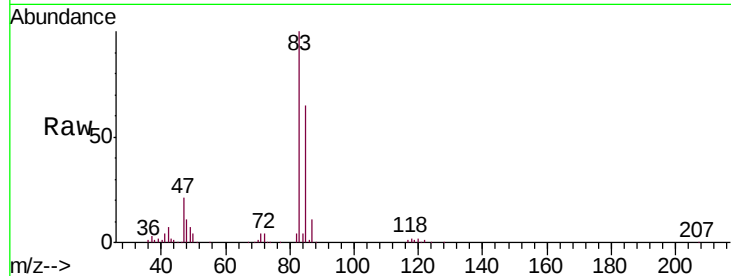




#27
Chloroform
Concen: 10.383 ug/l
RT: 4.67 min Scan# 1113
Delta R.T. -0.00 min
Lab File: VU029677.D
Acq: 26 Feb 2019 13:07

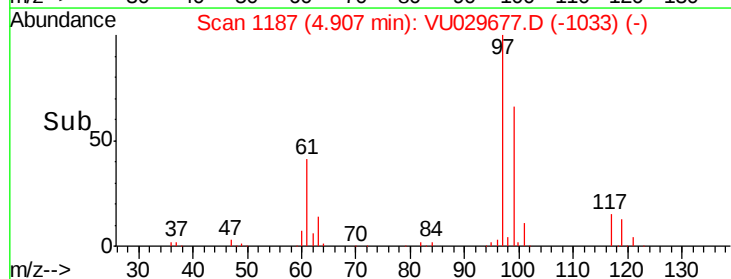
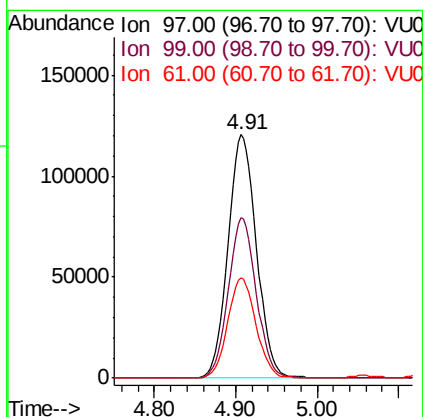
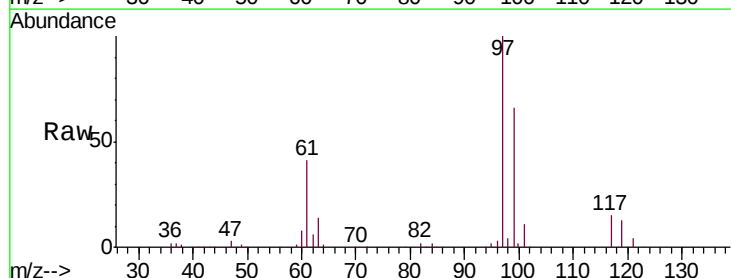
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

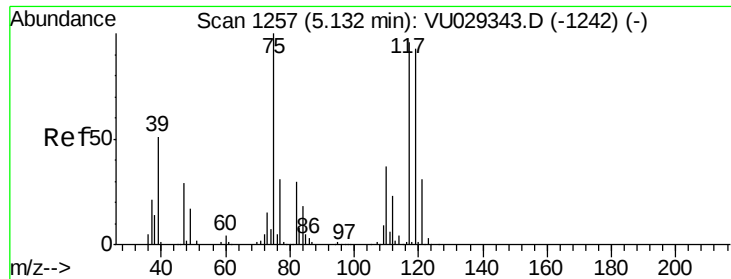
Tgt Ion: 83 Resp: 341001
Ion Ratio Lower Upper
83 100
85 65.0 0.0 126.6



#28
1,1,1-Trichloroethane
Concen: 9.673 ug/l
RT: 4.91 min Scan# 1187
Delta R.T. -0.00 min
Lab File: VU029677.D
Acq: 26 Feb 2019 13:07

Tgt Ion: 97 Resp: 294455
Ion Ratio Lower Upper
97 100
99 64.9 32.4 97.2
61 41.0 24.4 73.2

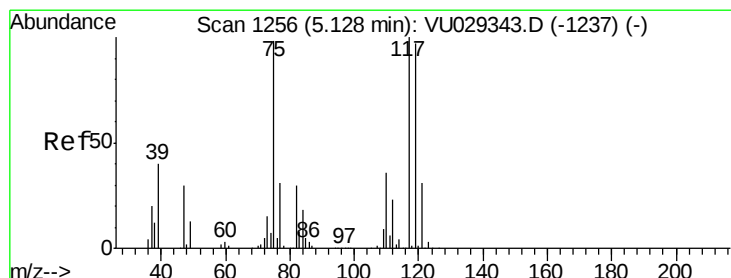
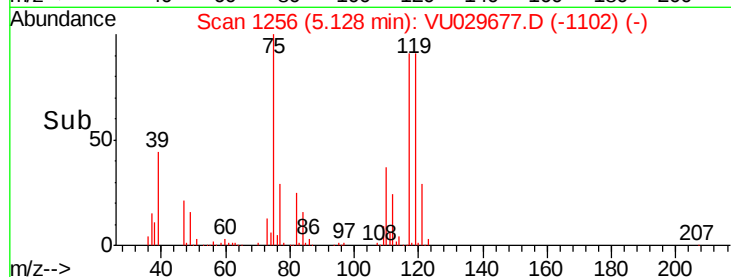
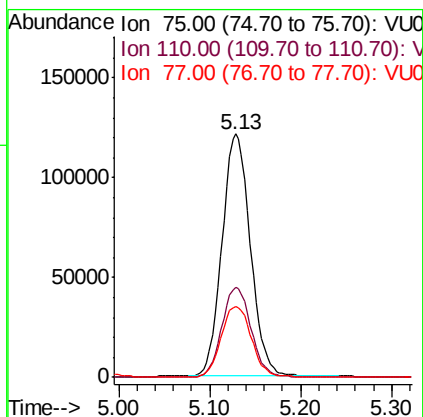
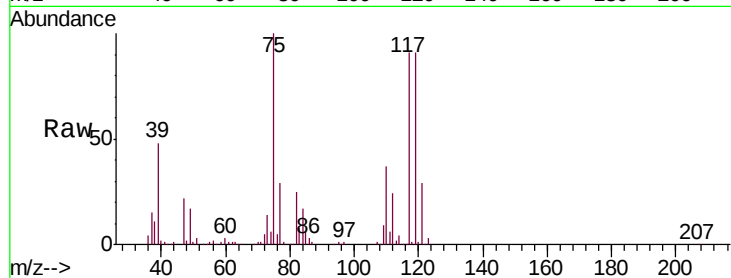




#29
 1,1-Dichloropropene
 Concen: 9.927 ug/l
 RT: 5.13 min Scan# 1256
 Delta R.T. -0.00 min
 Lab File: VU029677.D
 Acq: 26 Feb 2019 13:07

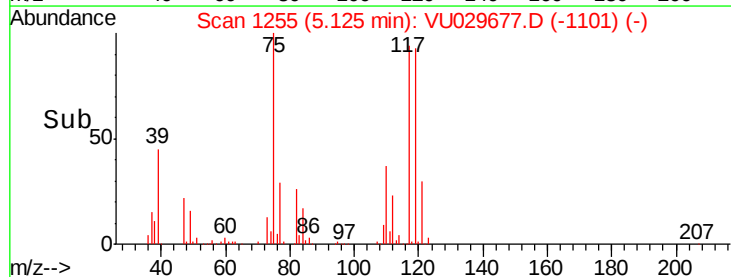
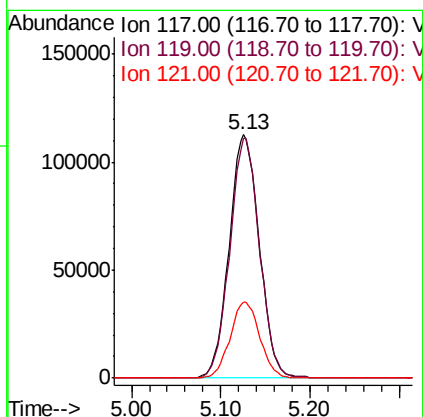
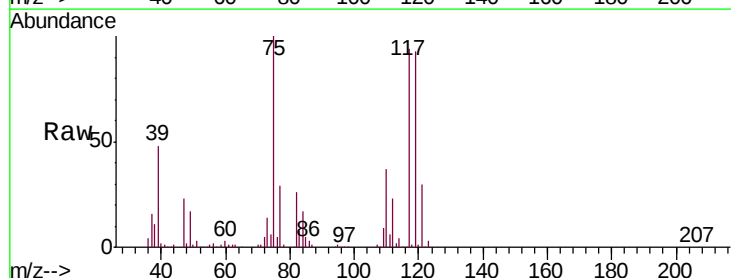
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC

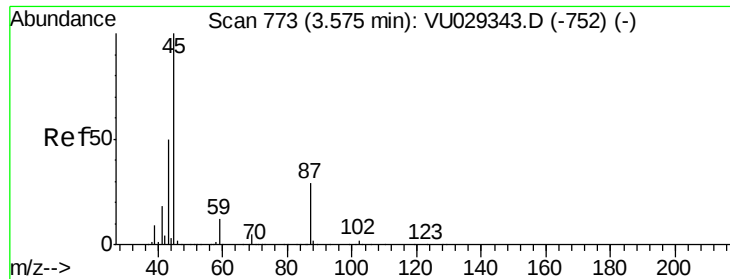
Tgt Ion	Ratio	Lower	Upper
75	100		
110	38.4	15.4	46.2
77	30.9	24.1	36.1



#30
 Carbon Tetrachloride
 Concen: 9.582 ug/l
 RT: 5.13 min Scan# 1255
 Delta R.T. -0.00 min
 Lab File: VU029677.D
 Acq: 26 Feb 2019 13:07

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.4	76.8	115.2
121	31.4	24.4	36.6





#31

Isopropyl Ether

Concen: 9.165 ug/l

RT: 3.58 min Scan# 773

Delta R.T. -0.00 min

Lab File: VU029677.D

Acq: 26 Feb 2019 13:07

Instrument :

MSVOA_U

ClientSampleId :

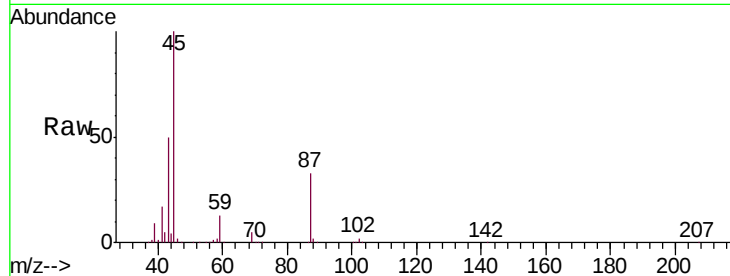
VSTDCCC010EC

Tgt Ion: 45 Resp: 467043

Ion Ratio Lower Upper

45 100

43 49.5 28.4 85.3



Abundance Ion 45.00 (44.70 to 45.70): VU029343.D (-752) (-)

Ion 43.00 (42.70 to 43.70): VU029343.D (-752) (-)

3.58

200000

150000

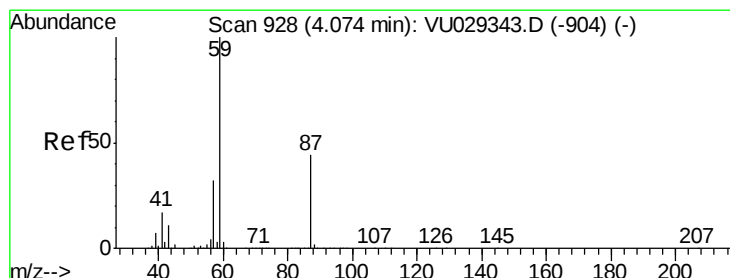
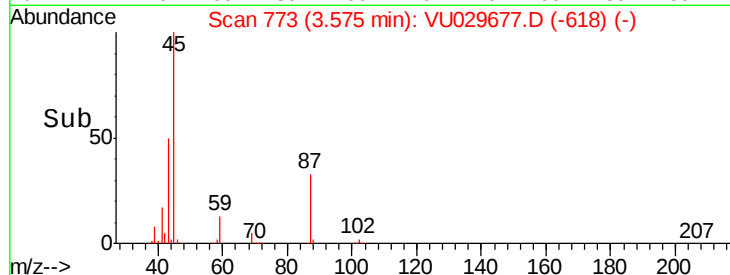
100000

50000

0

3.50 3.55 3.60 3.65 3.70

Time-->



#32

Ethyl-t-butyl ether

Concen: 9.315 ug/l

RT: 4.07 min Scan# 927

Delta R.T. -0.00 min

Lab File: VU029677.D

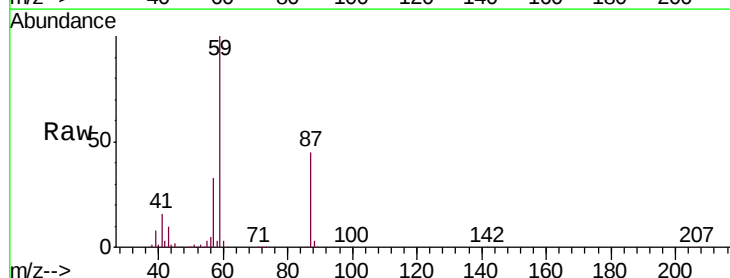
Acq: 26 Feb 2019 13:07

Tgt Ion: 59 Resp: 475701

Ion Ratio Lower Upper

59 100

87 45.3 31.1 46.7



Abundance Ion 59.00 (58.70 to 59.70): VU029343.D (-904) (-)

Ion 87.00 (86.70 to 87.70): VU029343.D (-904) (-)

4.07

200000

150000

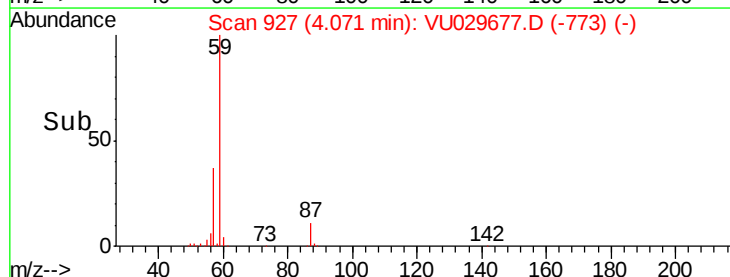
100000

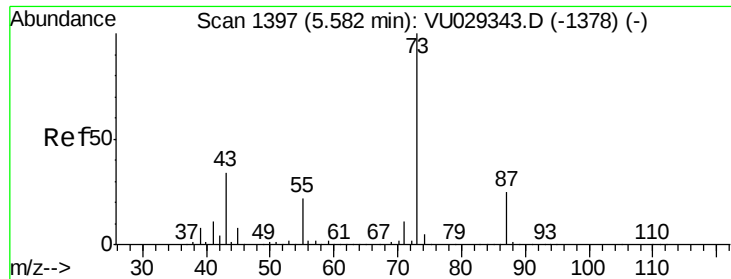
50000

0

4.00 4.05 4.10 4.15 4.20

Time-->

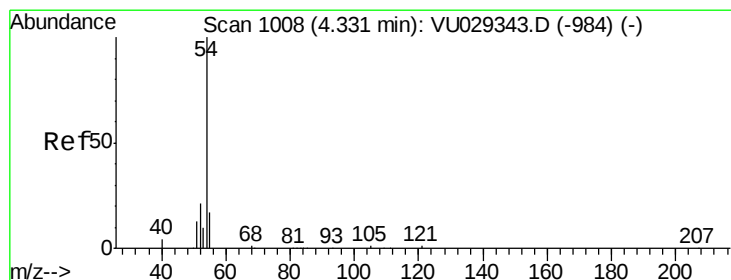
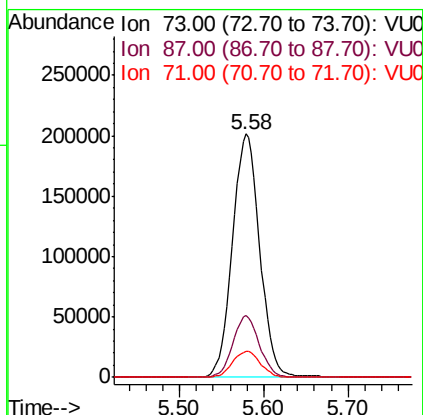
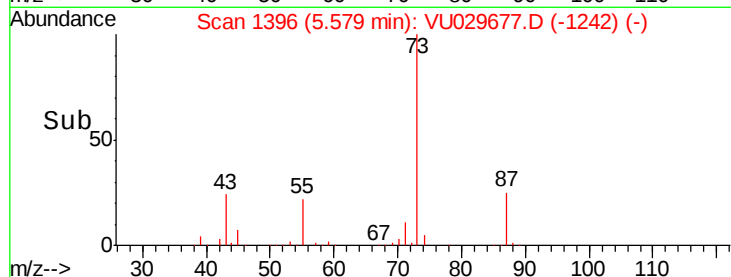
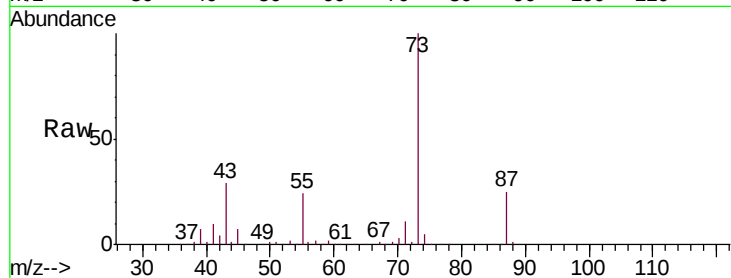




#33
Tert-Amyl methyl ether
Concen: 9.753 ug/l
RT: 5.58 min Scan# 1396
Delta R.T. -0.00 min
Lab File: VU029677.D
Acq: 26 Feb 2019 13:07

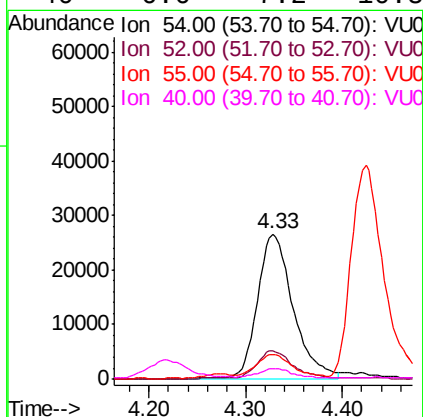
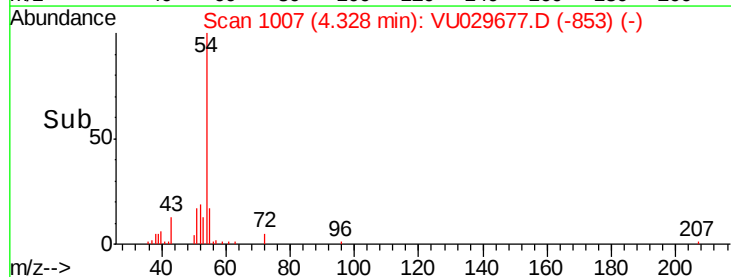
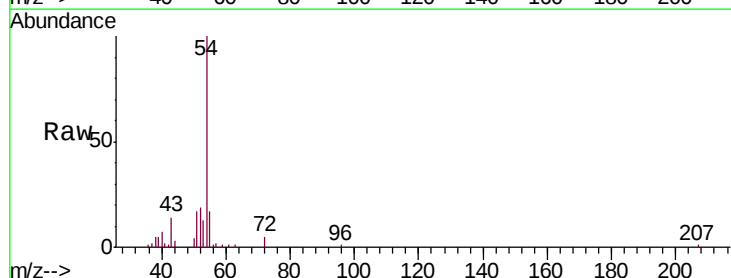
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

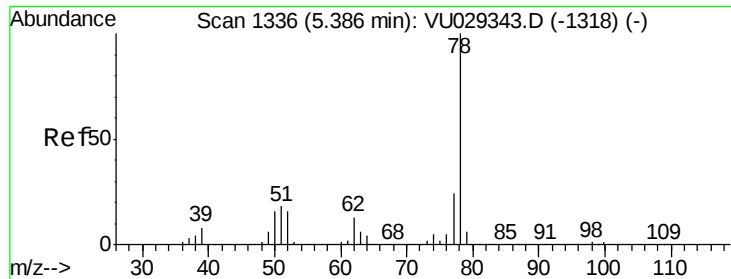
Tgt Ion: 73 Resp: 450367
Ion Ratio Lower Upper
73 100
87 24.7 19.4 29.0
71 11.0 9.0 13.4



#34
Propionitrile
Concen: 56.682 ug/l
RT: 4.33 min Scan# 1007
Delta R.T. -0.00 min
Lab File: VU029677.D
Acq: 26 Feb 2019 13:07

Tgt Ion: 54 Resp: 68549
Ion Ratio Lower Upper
54 100
52 20.6 18.9 28.3
55 16.8 15.1 22.7
40 6.6 7.2 10.8#





#35

Benzene

Concen: 10.512 ug/l

RT: 5.38 min Scan# 1335

Delta R.T. -0.00 min

Lab File: VU029677.D

Acq: 26 Feb 2019 13:07

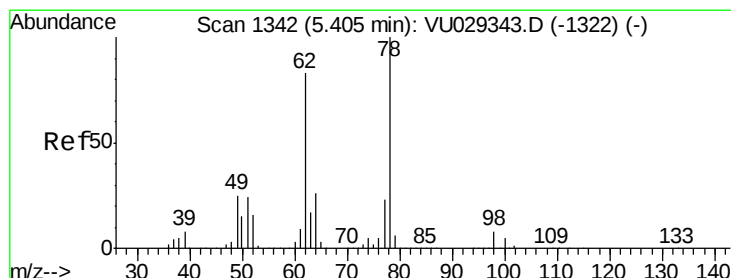
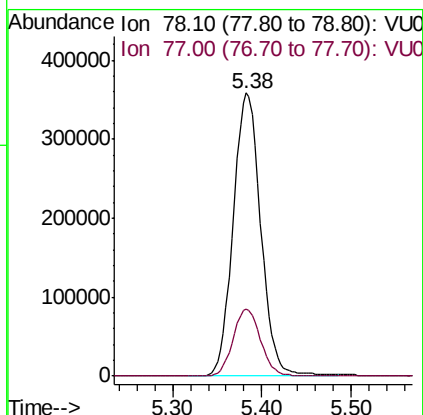
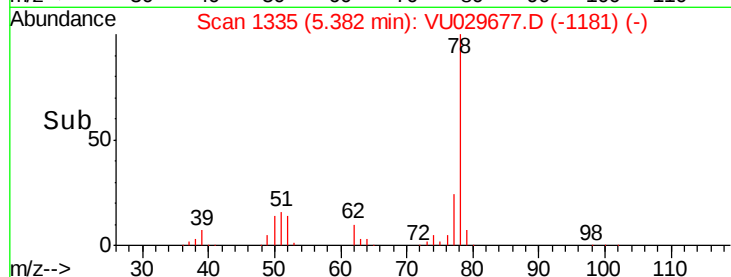
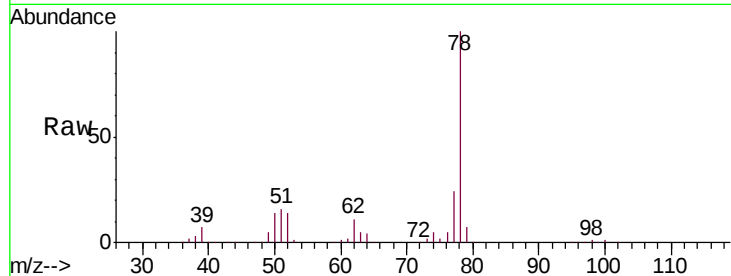
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 78 Resp: 768201

Ion Ratio Lower Upper

78 100

77 23.8 19.8 29.8



#36

1,2-Dichloroethane

Concen: 9.587 ug/l

RT: 5.40 min Scan# 1341

Delta R.T. -0.00 min

Lab File: VU029677.D

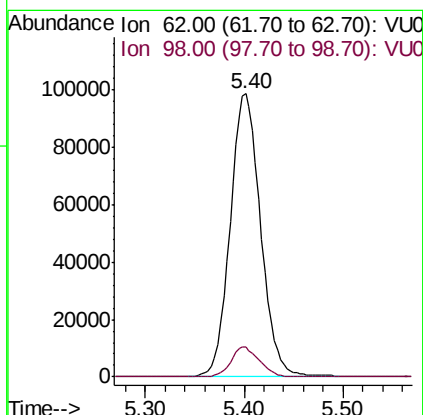
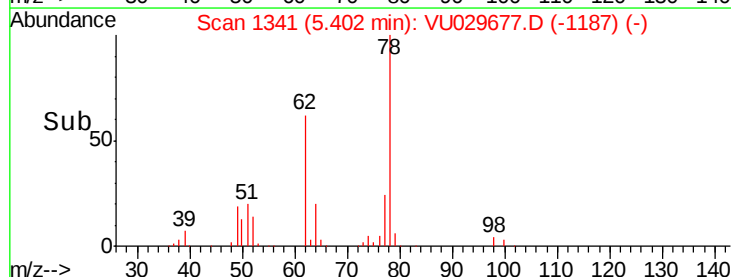
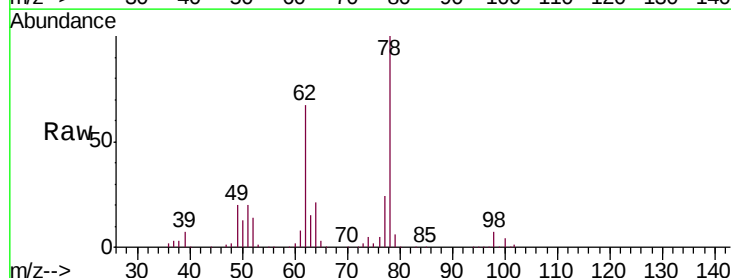
Acq: 26 Feb 2019 13:07

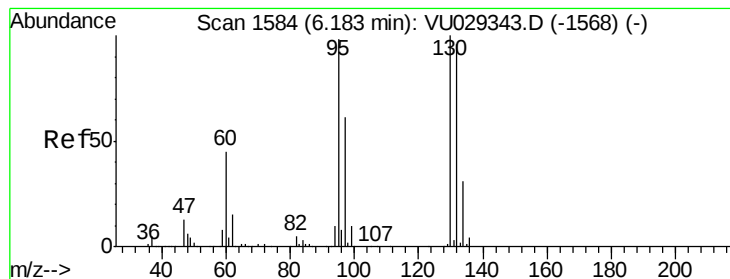
Tgt Ion: 62 Resp: 211907

Ion Ratio Lower Upper

62 100

98 9.9 4.9 7.3#





#37

Trichloroethene

Concen: 10.717 ug/l

RT: 6.18 min Scan# 1583

Delta R.T. -0.00 min

Lab File: VU029677.D

Acq: 26 Feb 2019 13:07

Instrument :

MSVOA_U

ClientSampleId :

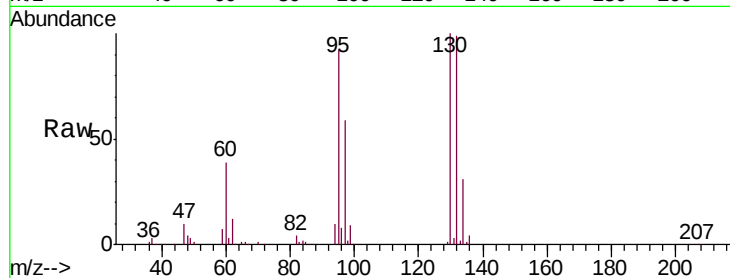
VSTDCCC010EC

Tgt Ion:130 Resp: 224752

Ion Ratio Lower Upper

130 100

95 92.4 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

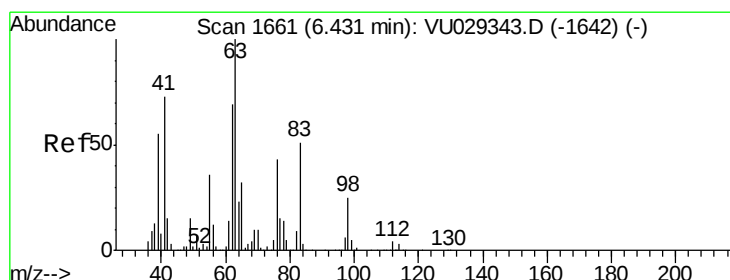
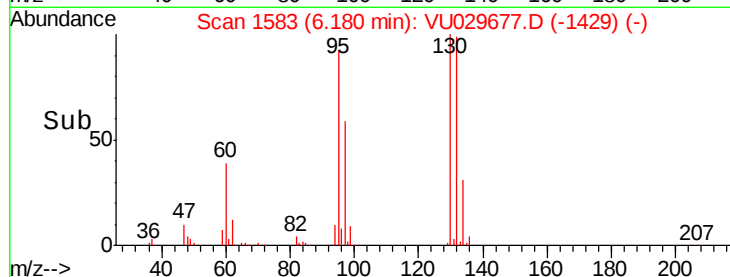
100000

50000

0

6.10 6.20 6.30

Time-->



#38

1,2-Dichloropropane

Concen: 10.147 ug/l

RT: 6.43 min Scan# 1660

Delta R.T. -0.00 min

Lab File: VU029677.D

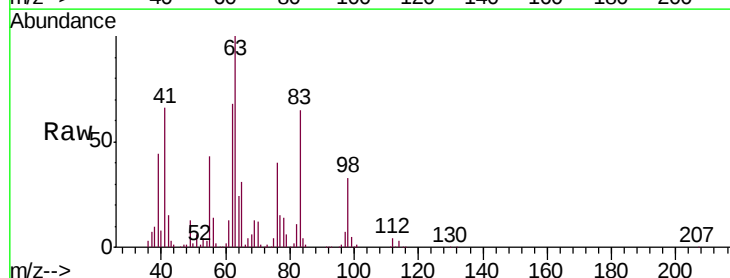
Acq: 26 Feb 2019 13:07

Tgt Ion: 63 Resp: 192903

Ion Ratio Lower Upper

63 100

65 31.4 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

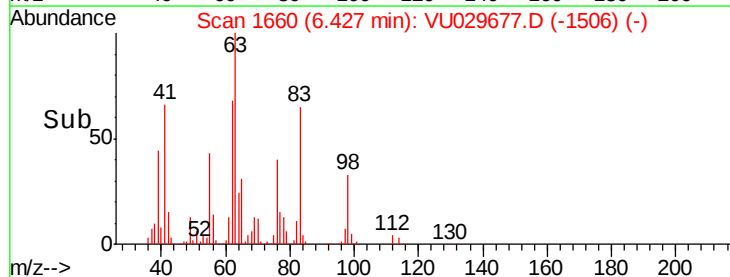
40000

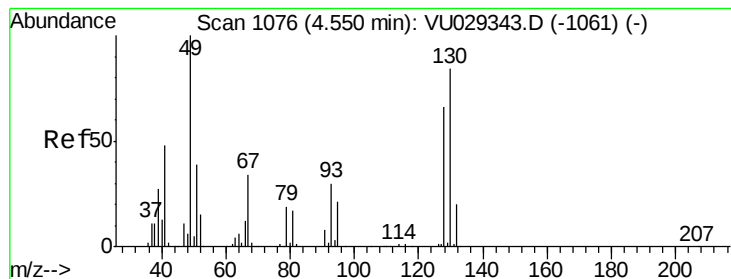
20000

0

6.30 6.40 6.50

Time-->





#39

Methacrylonitrile

Concen: 9.170 ug/l

RT: 4.55 min Scan# 1075

Delta R.T. -0.00 min

Lab File: VU029677.D

Acq: 26 Feb 2019 13:07

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 41 Resp: 56790

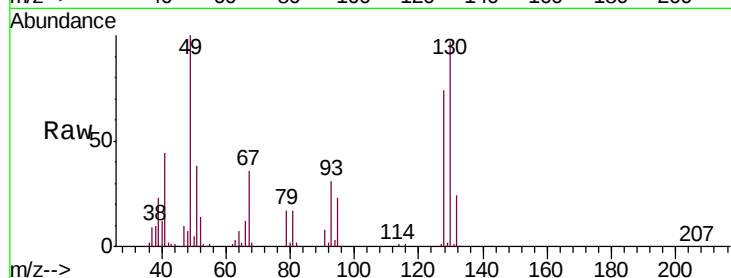
Ion Ratio Lower Upper

41 100

67 83.6 50.1 75.1#

39 54.4 47.9 71.9

52 32.4 24.8 37.2

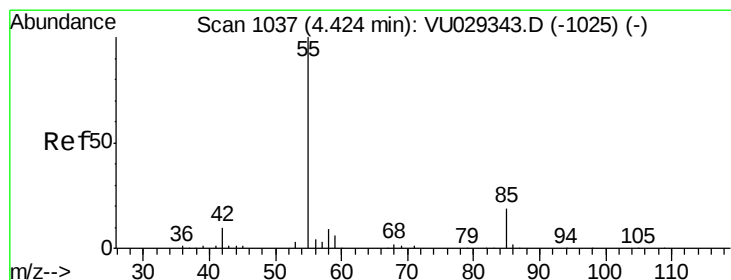
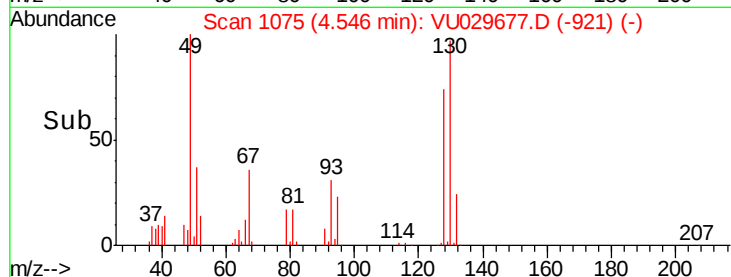
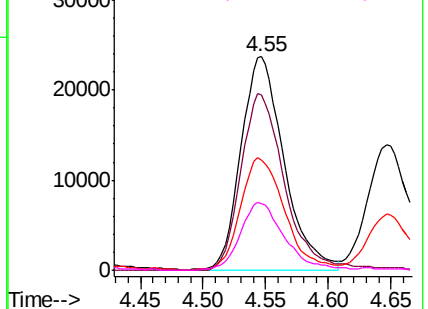


Abundance Ion 41.00 (40.70 to 41.70): VU0

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: 9.908 ug/l

RT: 4.42 min Scan# 1037

Delta R.T. -0.00 min

Lab File: VU029677.D

Acq: 26 Feb 2019 13:07

Tgt Ion: 55 Resp: 92631

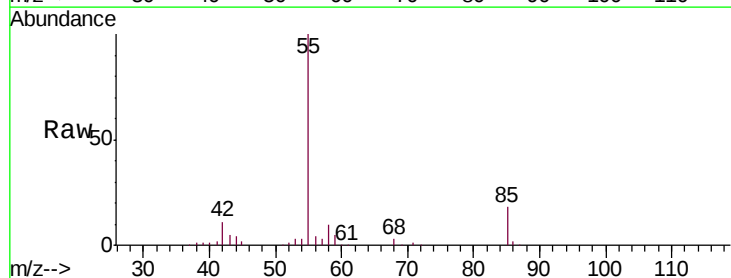
Ion Ratio Lower Upper

55 100

85 18.9 11.3 16.9#

58 9.3 6.2 9.4

42 10.1 10.1 15.1

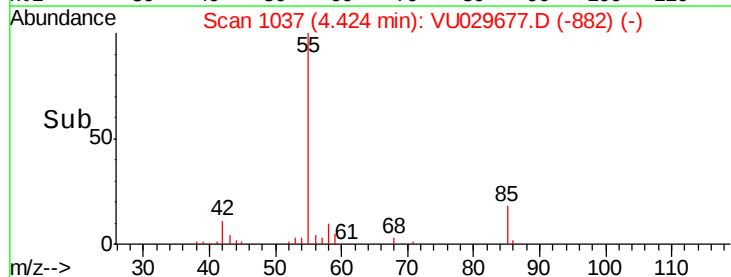
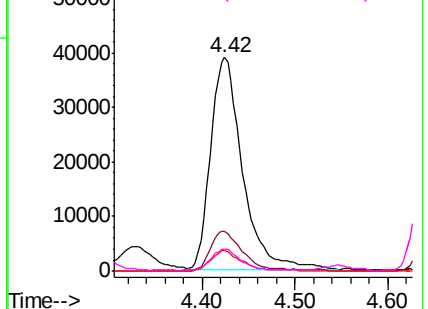


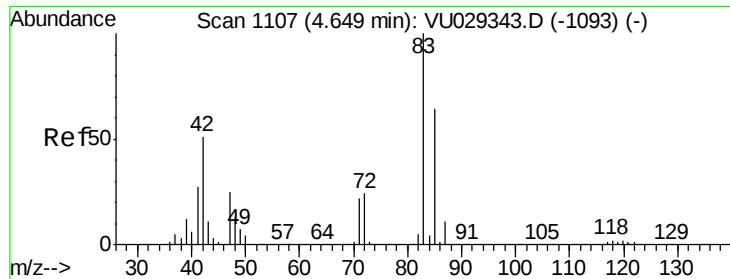
Abundance Ion 55.00 (54.70 to 55.70): VU0

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: 18.332 ug/l

RT: 4.65 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VU029677.D

Acq: 26 Feb 2019 13:07

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

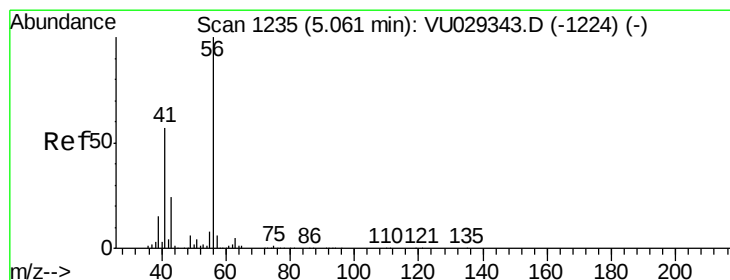
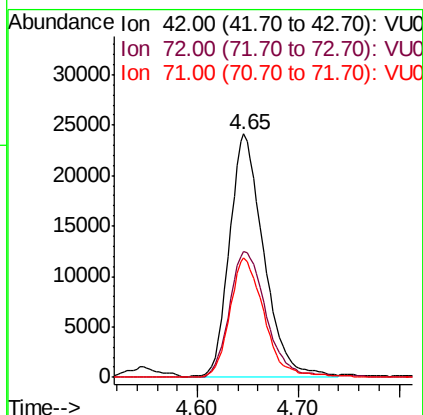
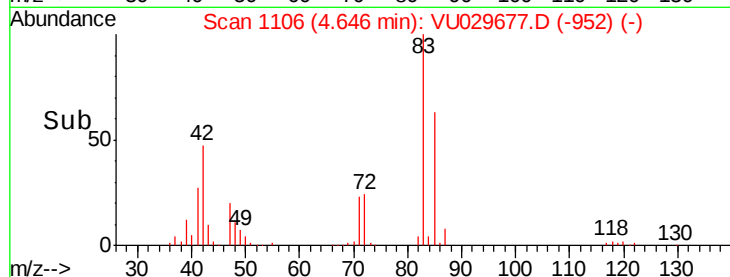
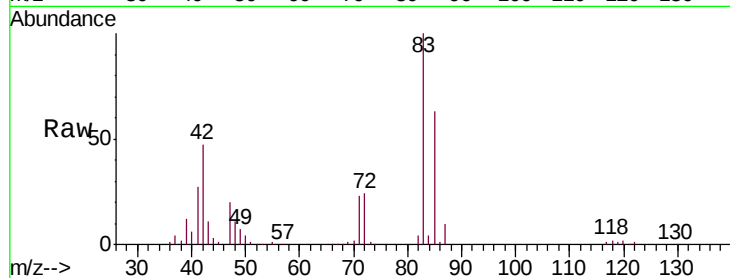
Tgt Ion: 42 Resp: 57191

Ion Ratio Lower Upper

42 100

72 54.9 33.1 49.7#

71 49.0 30.2 45.2#



#42

1-Chlorobutane

Concen: 9.878 ug/l

RT: 5.06 min Scan# 1234

Delta R.T. -0.00 min

Lab File: VU029677.D

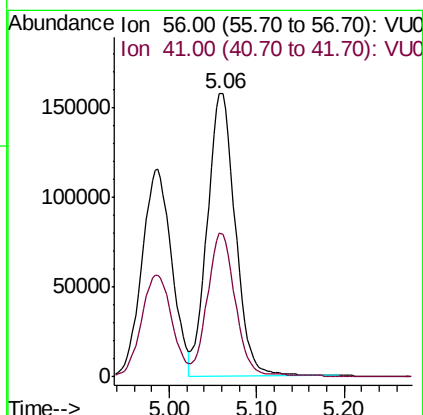
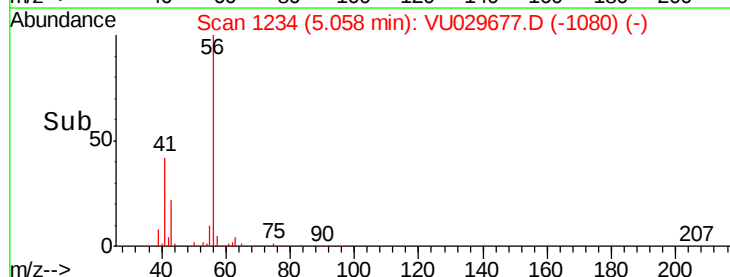
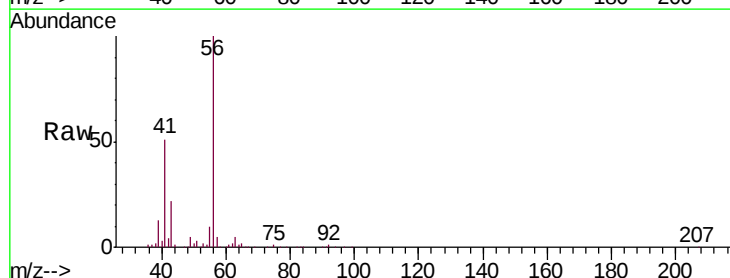
Acq: 26 Feb 2019 13:07

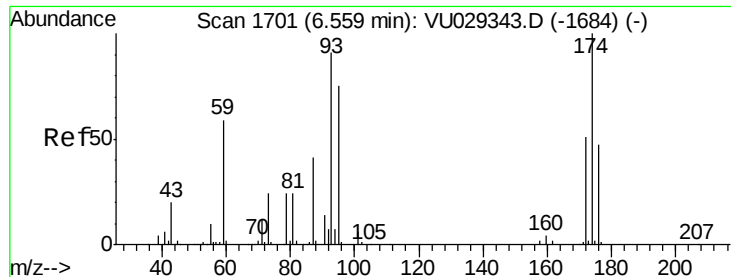
Tgt Ion: 56 Resp: 349741

Ion Ratio Lower Upper

56 100

41 50.0 31.3 93.8





#43

Dibromomethane

Concen: 10.135 ug/l

RT: 6.56 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VU029677.D

Acq: 26 Feb 2019 13:07

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

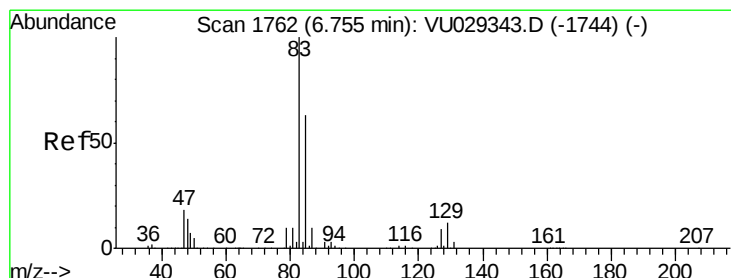
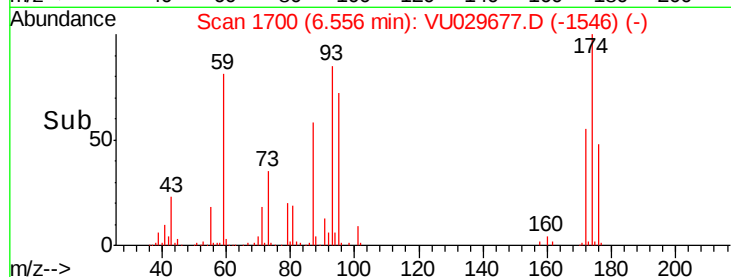
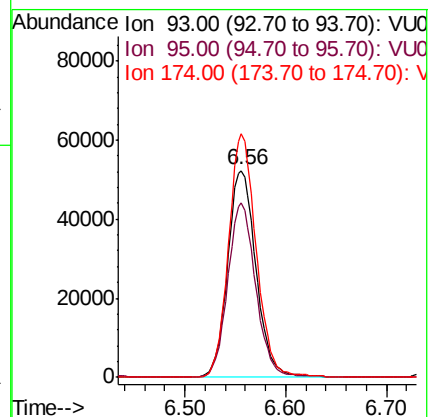
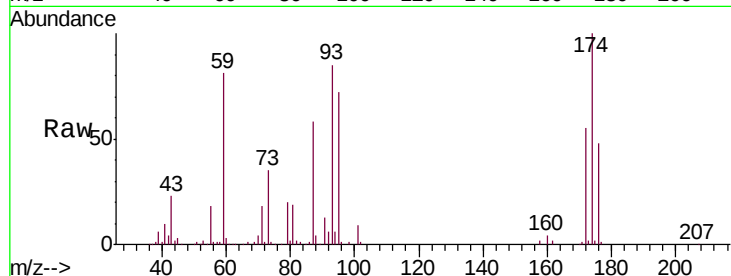
Tgt Ion: 93 Resp: 102678

Ion Ratio Lower Upper

93 100

95 83.4 68.2 102.2

174 115.0 77.6 116.4



#44

Bromodichloromethane

Concen: 9.728 ug/l

RT: 6.75 min Scan# 1761

Delta R.T. -0.00 min

Lab File: VU029677.D

Acq: 26 Feb 2019 13:07

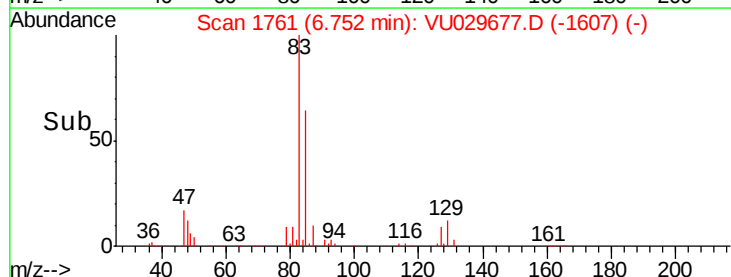
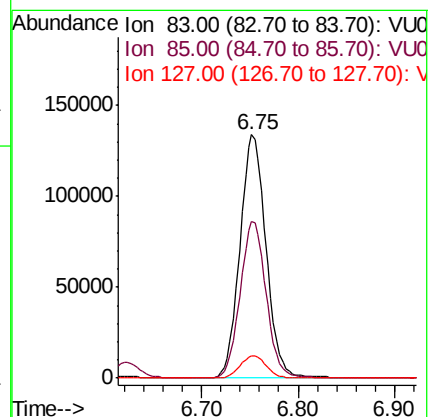
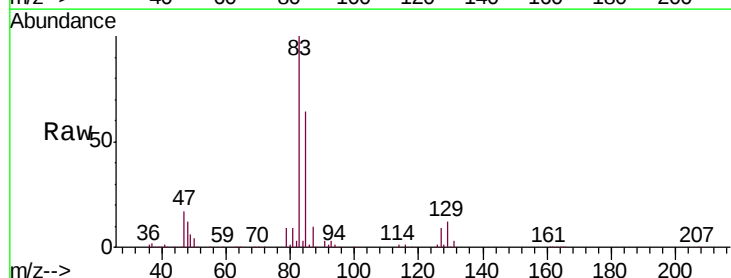
Tgt Ion: 83 Resp: 251122

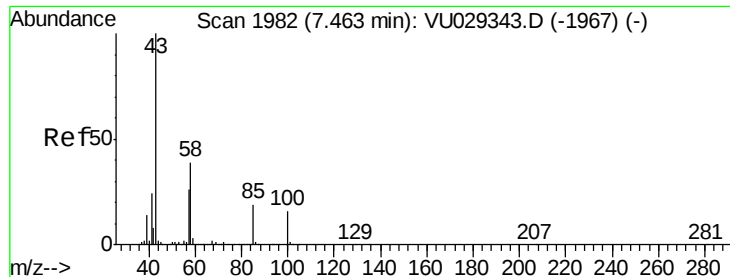
Ion Ratio Lower Upper

83 100

85 64.4 49.2 73.8

127 9.2 7.0 10.6

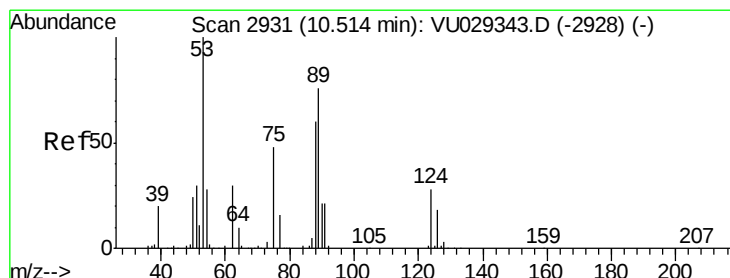
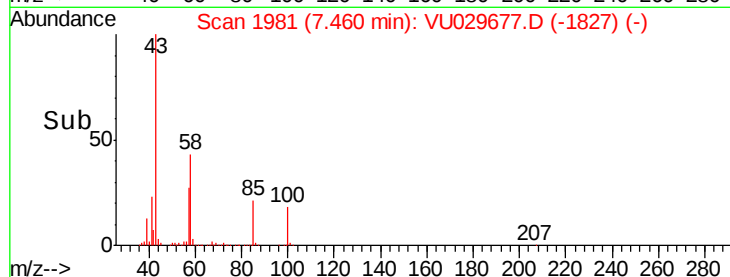
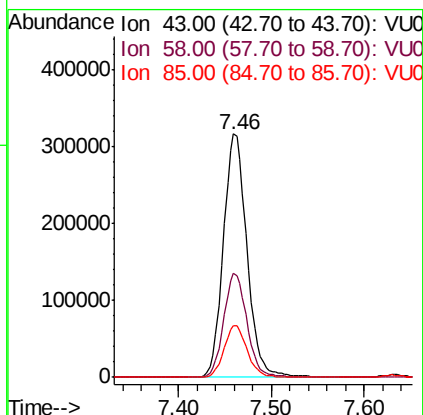
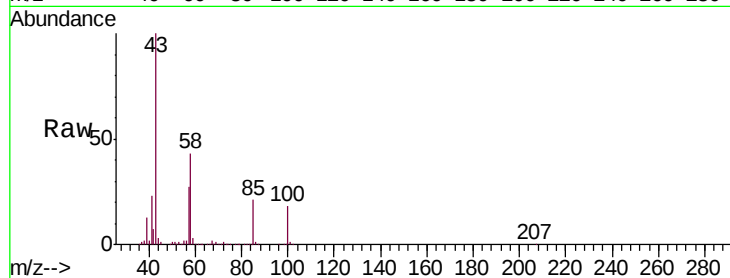




#45
4-Methyl-2-Pentanone
Concen: 47.093 ug/l
RT: 7.46 min Scan# 1981
Delta R.T. -0.00 min
Lab File: VU029677.D
Acq: 26 Feb 2019 13:07

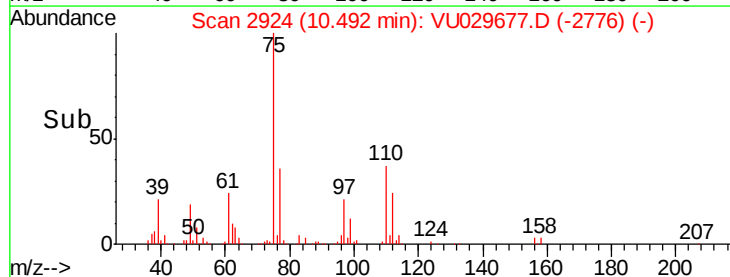
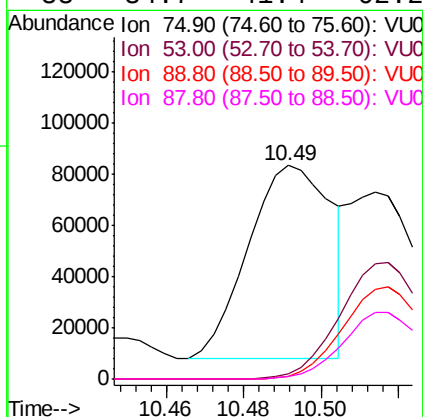
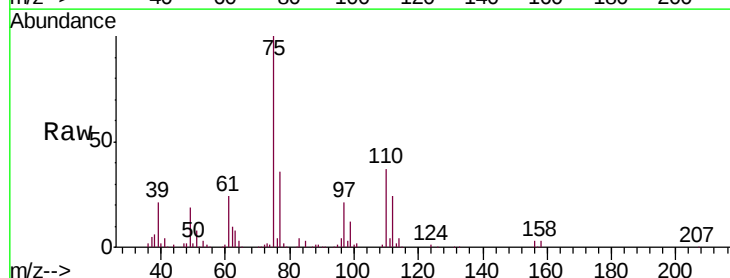
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

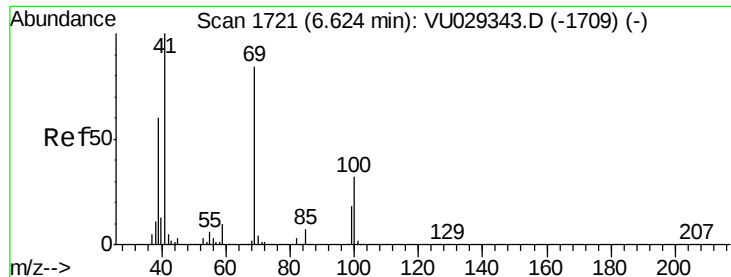
Tgt Ion: 43 Resp: 559264
Ion Ratio Lower Upper
43 100
58 42.3 17.6 52.8
85 21.0 12.3 18.5#



#46
t-1,4-Dichloro-2-butene
Concen: 19.531 ug/l
RT: 10.49 min Scan# 2924
Delta R.T. -0.02 min
Lab File: VU029677.D
Acq: 26 Feb 2019 13:07

Tgt Ion: 75 Resp: 113003
Ion Ratio Lower Upper
75 100
53 63.1 78.2 117.4#
89 48.4 44.2 66.4
88 34.7 41.4 62.2#

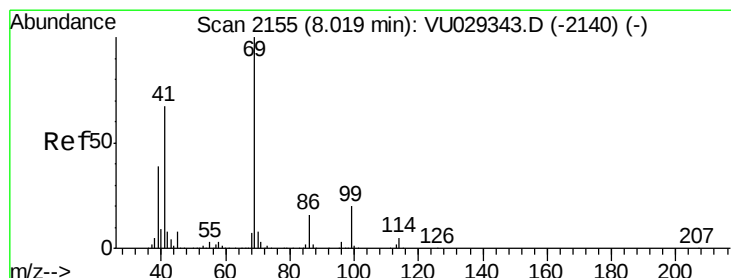
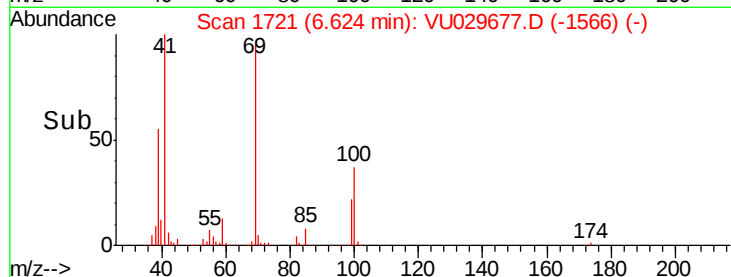
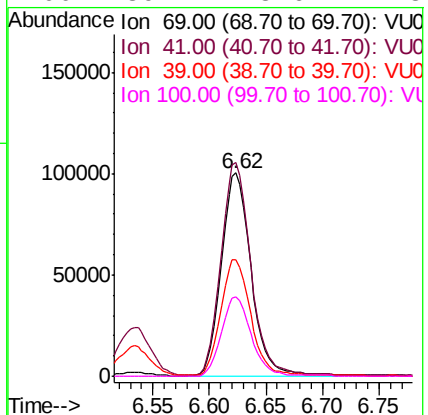
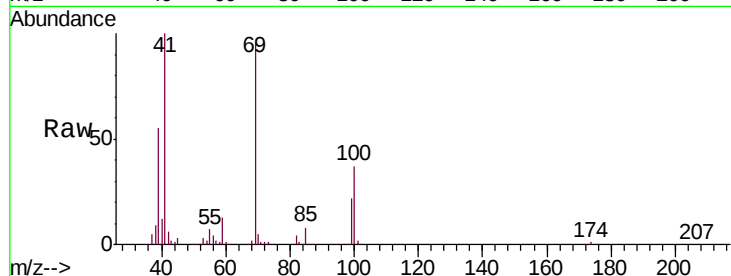




#47
Methyl methacrylate
Concen: 20.595 ug/l
RT: 6.62 min Scan# 1721
Delta R.T. -0.00 min
Lab File: VU029677.D
Acq: 26 Feb 2019 13:07

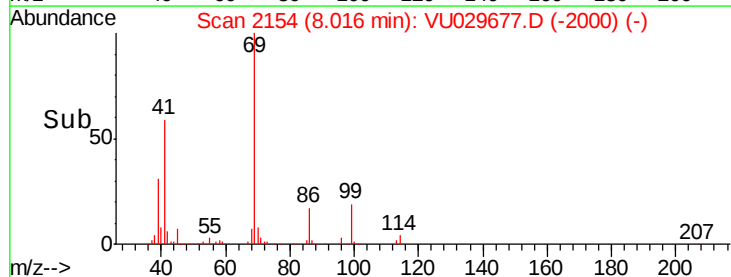
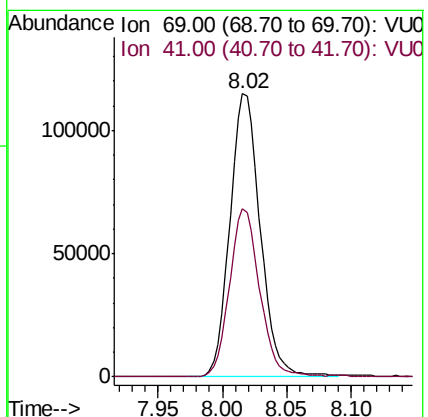
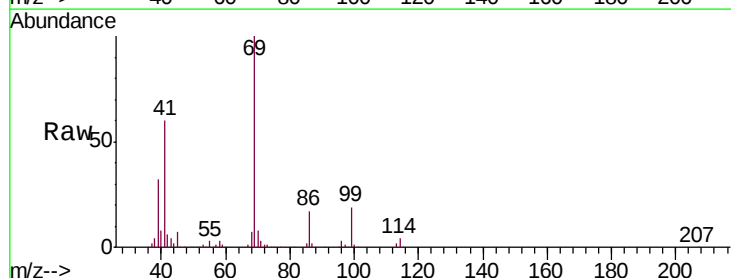
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

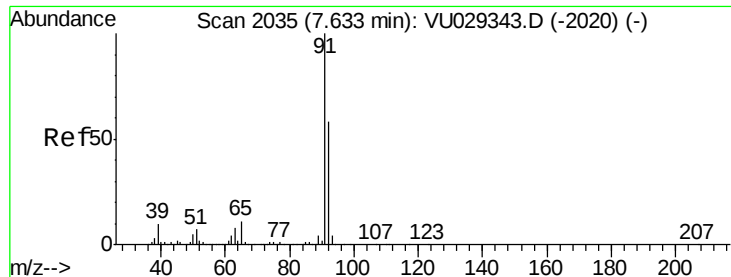
Tgt Ion: 69 Resp: 183574
Ion Ratio Lower Upper
69 100
41 104.6 0.0 296.2
39 58.2 71.2 106.8#
100 39.7 28.6 42.8



#48
Ethyl methacrylate
Concen: 9.822 ug/l
RT: 8.02 min Scan# 2154
Delta R.T. -0.00 min
Lab File: VU029677.D
Acq: 26 Feb 2019 13:07

Tgt Ion: 69 Resp: 187820
Ion Ratio Lower Upper
69 100
41 59.2 39.9 119.7





#49

Toluene

Concen: 10.666 ug/l

RT: 7.63 min Scan# 2035

Delta R.T. -0.00 min

Lab File: VU029677.D

Acq: 26 Feb 2019 13:07

Instrument :

MSVOA_U

ClientSampleId :

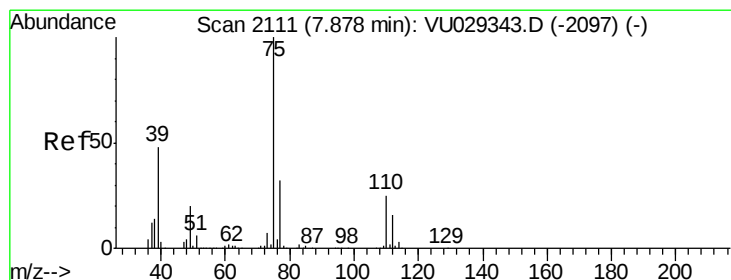
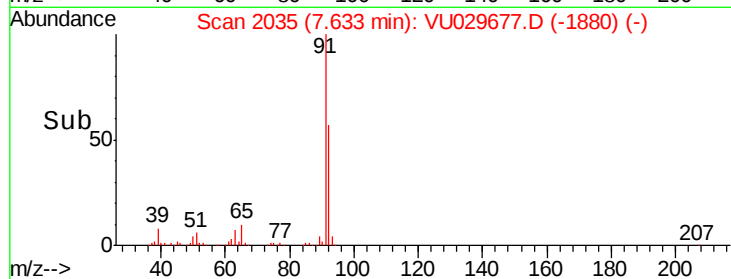
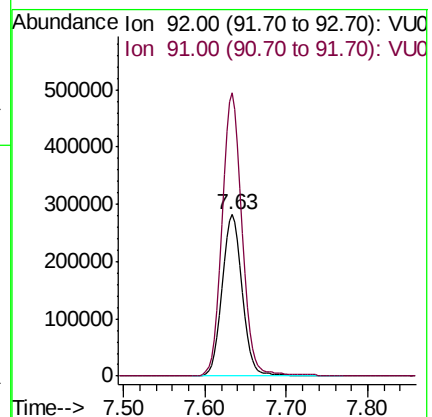
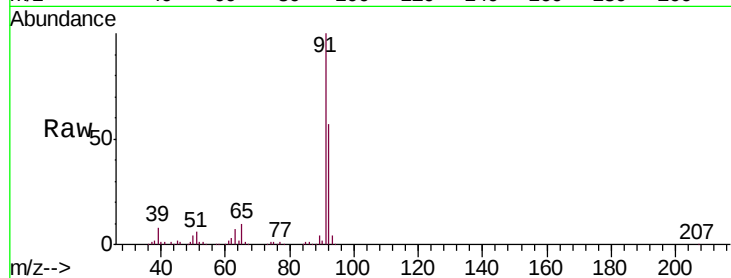
VSTDCCC010EC

Tgt Ion: 92 Resp: 498801

Ion Ratio Lower Upper

92 100

91 173.0 140.7 211.1



#50

t-1,3-Dichloropropene

Concen: 9.153 ug/l

RT: 7.88 min Scan# 2111

Delta R.T. -0.00 min

Lab File: VU029677.D

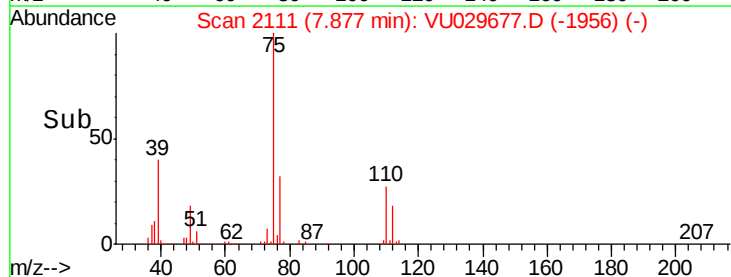
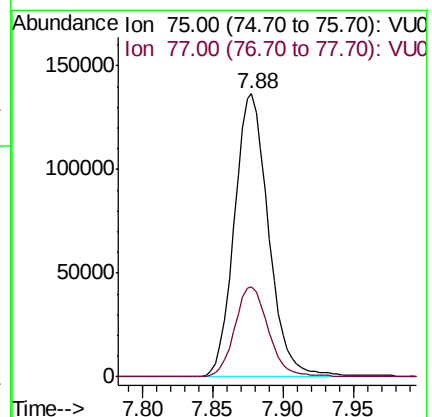
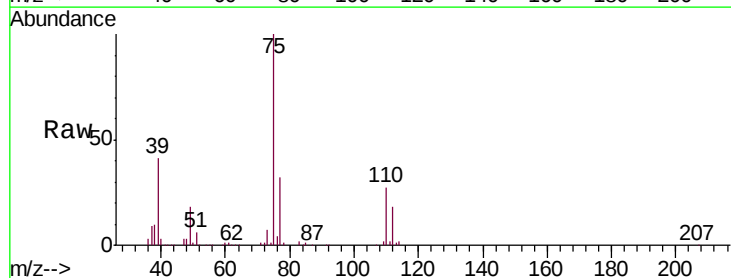
Acq: 26 Feb 2019 13:07

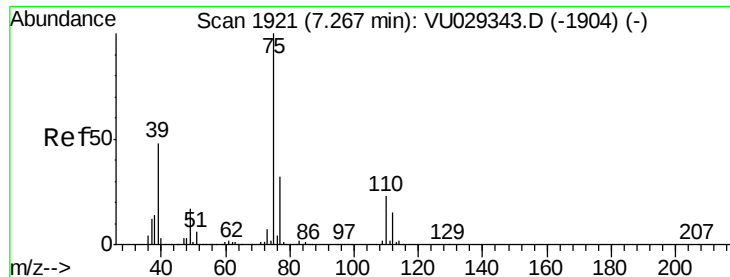
Tgt Ion: 75 Resp: 231602

Ion Ratio Lower Upper

75 100

77 31.9 23.6 35.4

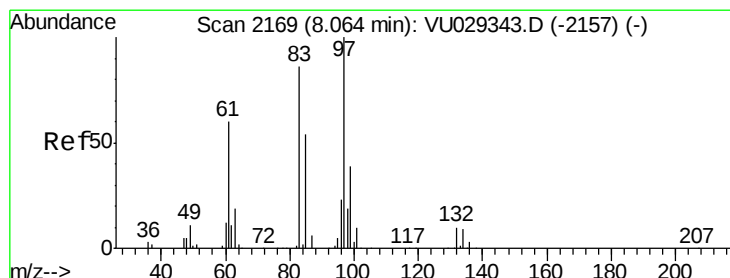
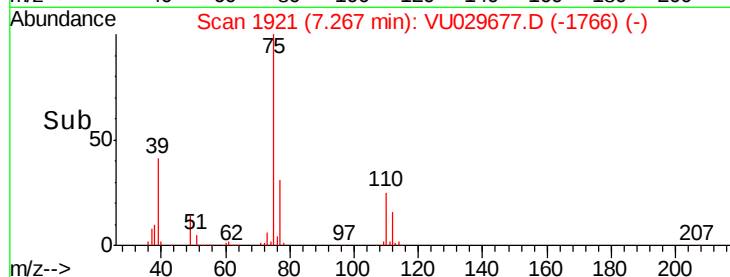
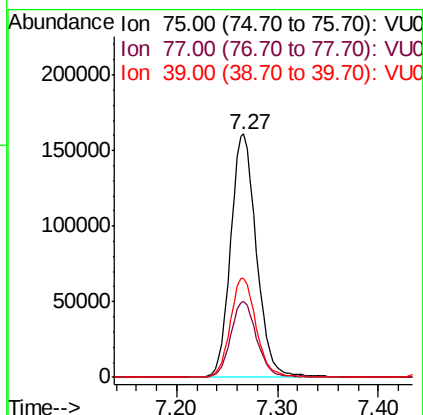
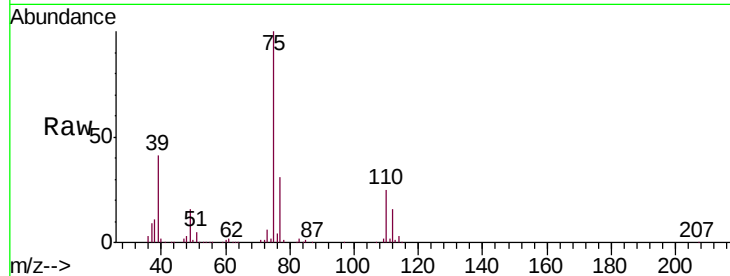




#51
 cis-1,3-Dichloropropene
 Concen: 9.549 ug/l
 RT: 7.27 min Scan# 1921
 Delta R.T. -0.00 min
 Lab File: VU029677.D
 Acq: 26 Feb 2019 13:07

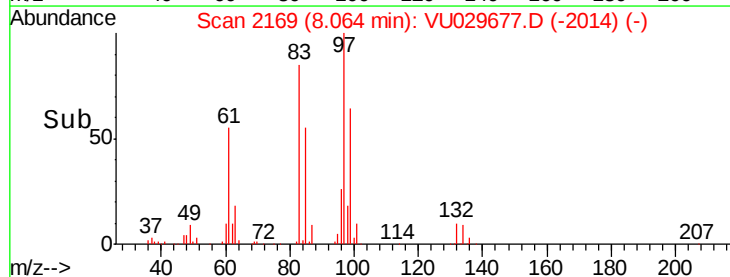
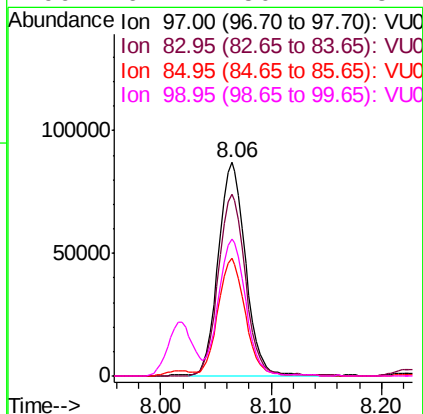
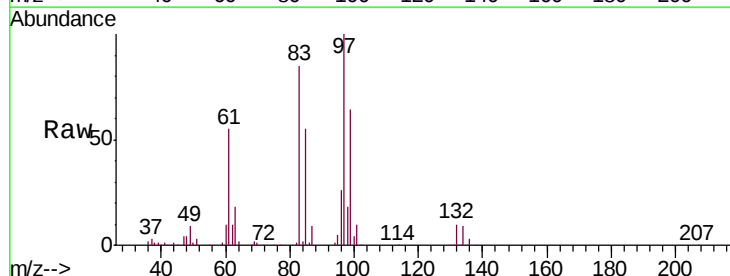
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC

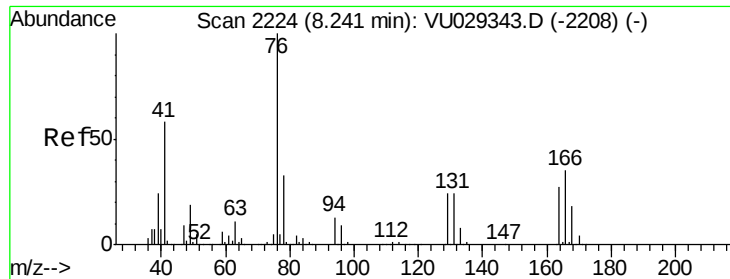
Tgt Ion: 75 Resp: 287030
 Ion Ratio Lower Upper
 75 100
 77 31.4 24.9 37.3
 39 40.7 47.2 70.8#



#52
 1,1,2-Trichloroethane
 Concen: 10.997 ug/l
 RT: 8.06 min Scan# 2169
 Delta R.T. -0.00 min
 Lab File: VU029677.D
 Acq: 26 Feb 2019 13:07

Tgt Ion: 97 Resp: 147490
 Ion Ratio Lower Upper
 97 100
 83 85.2 69.9 104.9
 85 54.9 45.8 68.6
 99 64.2 50.2 75.2

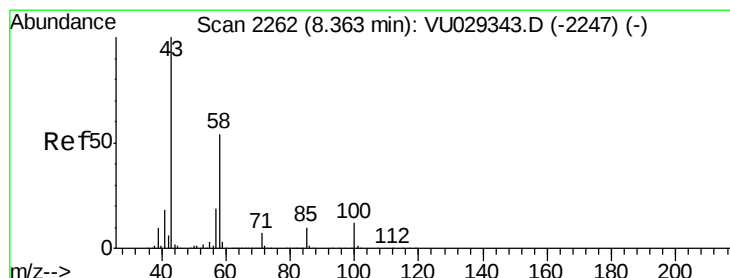
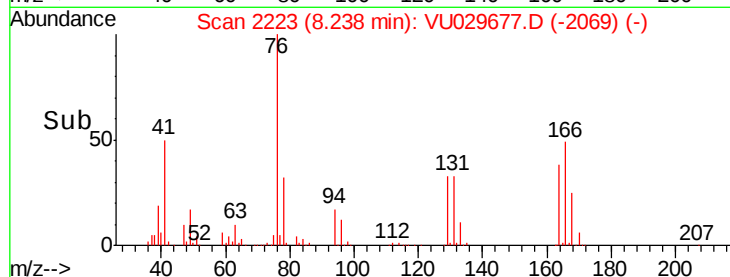
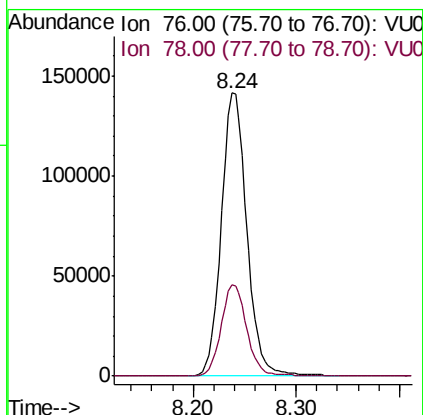
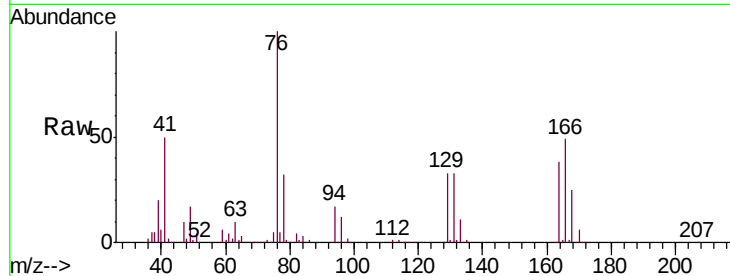




#53
 1,3-Dichloropropane
 Concen: 10.350 ug/l
 RT: 8.24 min Scan# 2223
 Delta R.T. -0.00 min
 Lab File: VU029677.D
 Acq: 26 Feb 2019 13:07

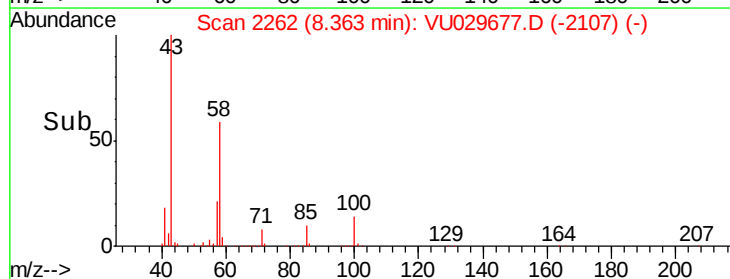
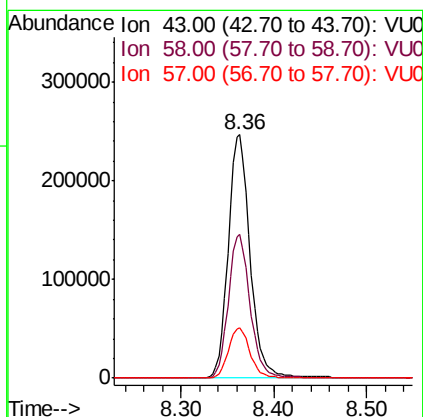
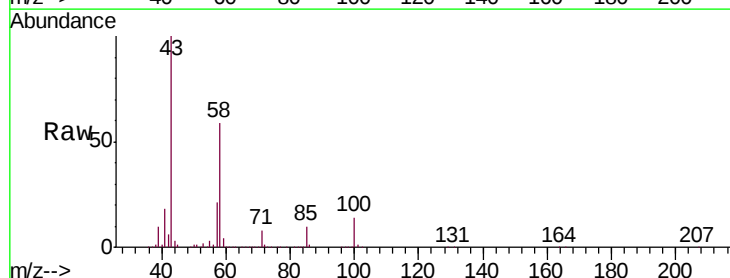
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC

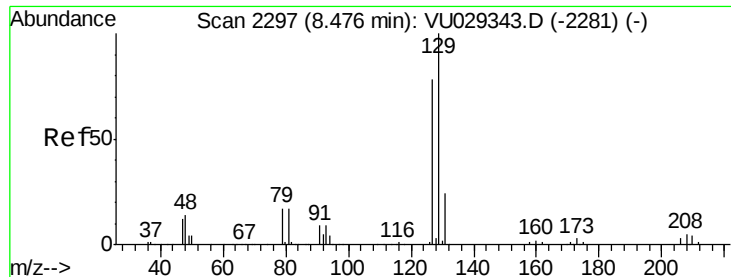
Tgt Ion: 76 Resp: 243861
 Ion Ratio Lower Upper
 76 100
 78 32.7 26.3 39.5



#54
 2-Hexanone
 Concen: 48.470 ug/l
 RT: 8.36 min Scan# 2262
 Delta R.T. -0.00 min
 Lab File: VU029677.D
 Acq: 26 Feb 2019 13:07

Tgt Ion: 43 Resp: 403485
 Ion Ratio Lower Upper
 43 100
 58 58.5 26.0 66.0
 57 20.6 0.0 37.7

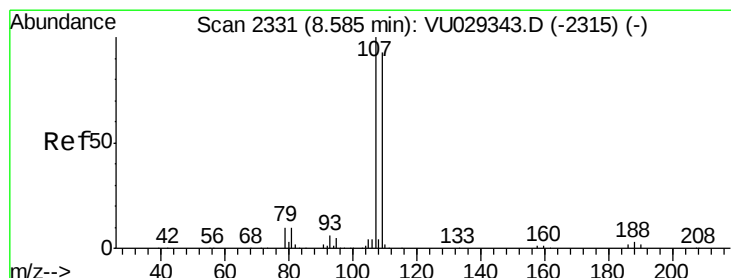
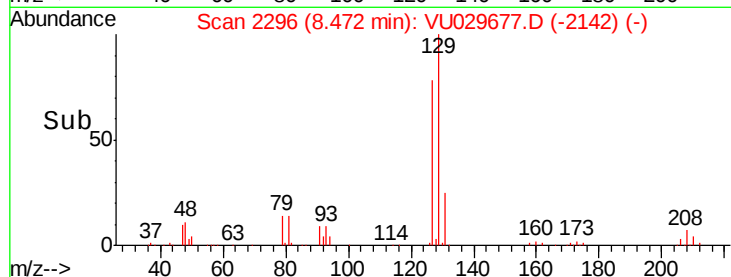
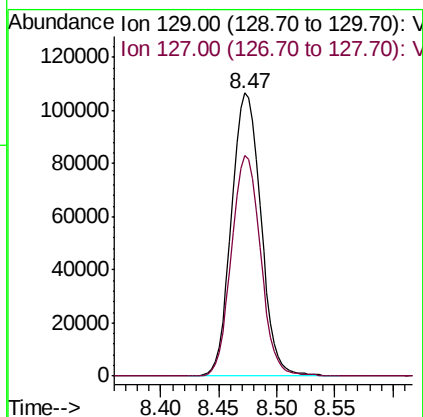
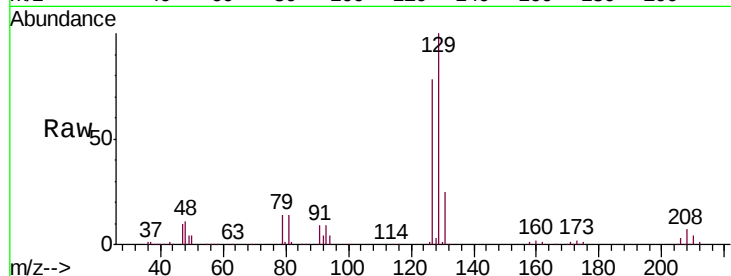




#55
 Dibromochloromethane
 Concen: 9.855 ug/l
 RT: 8.47 min Scan# 2296
 Delta R.T. -0.00 min
 Lab File: VU029677.D
 Acq: 26 Feb 2019 13:07

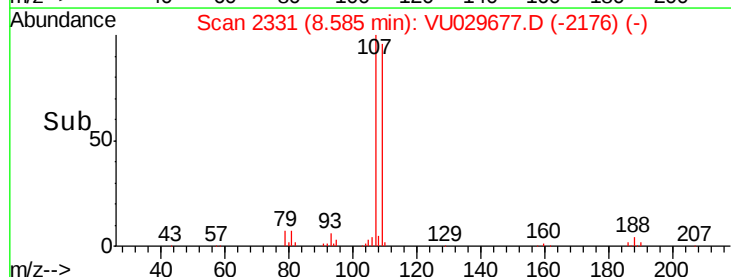
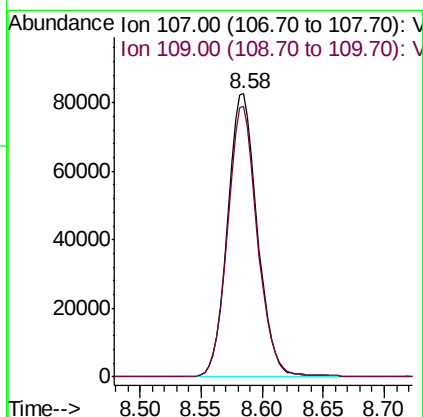
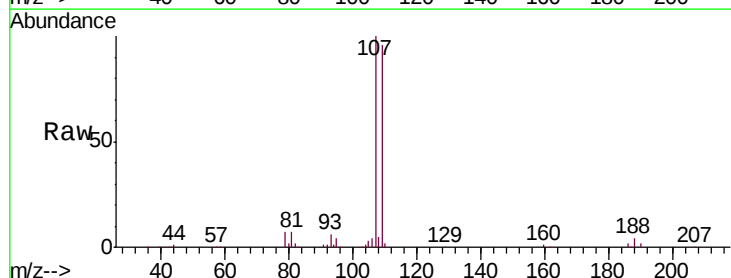
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC

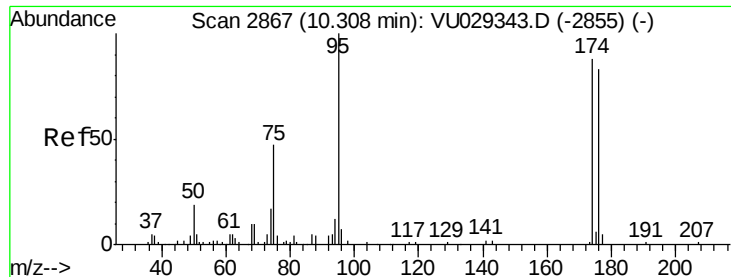
Tgt Ion:129 Resp: 187861
 Ion Ratio Lower Upper
 129 100
 127 77.2 60.5 90.7



#56
 1,2-Dibromoethane
 Concen: 10.268 ug/l
 RT: 8.58 min Scan# 2331
 Delta R.T. -0.00 min
 Lab File: VU029677.D
 Acq: 26 Feb 2019 13:07

Tgt Ion:107 Resp: 141285
 Ion Ratio Lower Upper
 107 100
 109 95.9 0.0 189.6

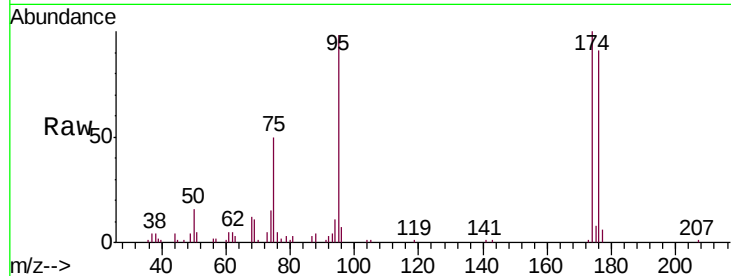




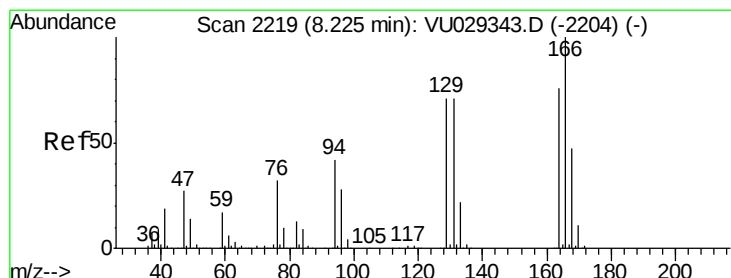
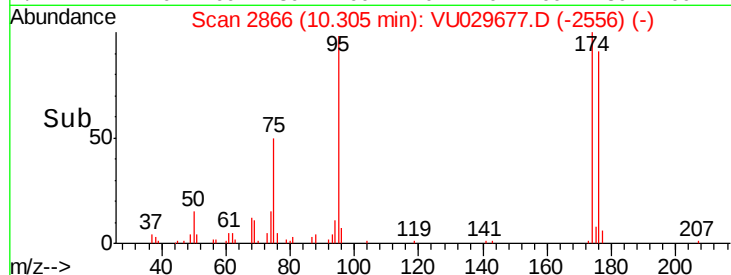
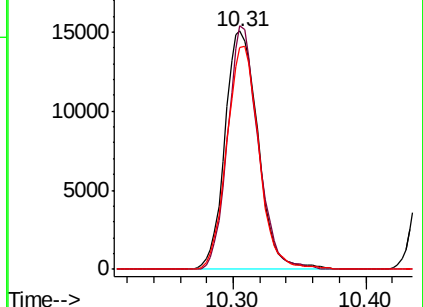
#57
4-Bromofluorobenzene
Concen: 10.268 ug/l
RT: 10.31 min Scan# 2866
Delta R.T. -0.00 min
Lab File: VU029677.D
Acq: 26 Feb 2019 13:07

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 95 Resp: 26223
Ion Ratio Lower Upper
95 100
174 93.4 64.2 96.2
176 90.5 62.3 93.5

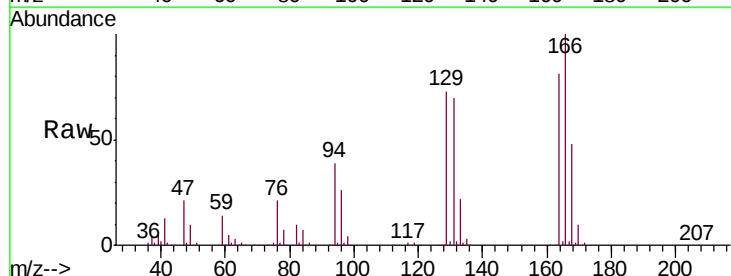


Abundance Ion 95.00 (94.70 to 95.70): VU0
Ion 174.00 (173.70 to 174.70): V
Ion 176.00 (175.70 to 176.70): V

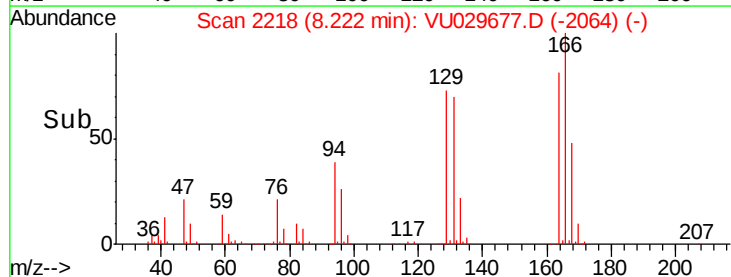
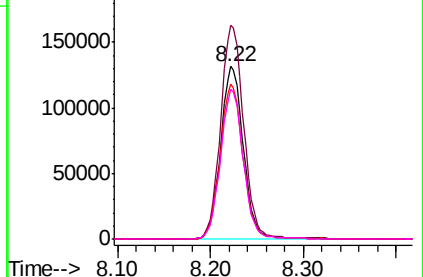


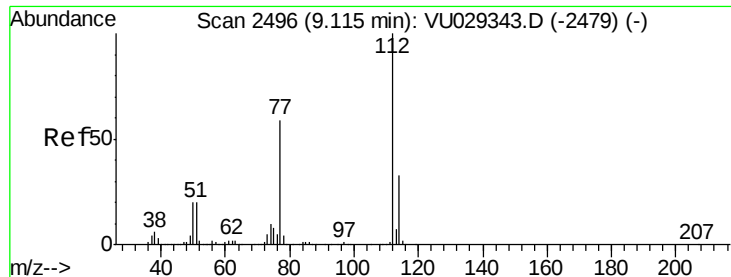
#58
Tetrachloroethene
Concen: 11.511 ug/l
RT: 8.22 min Scan# 2218
Delta R.T. -0.00 min
Lab File: VU029677.D
Acq: 26 Feb 2019 13:07

Tgt Ion: 164 Resp: 224628
Ion Ratio Lower Upper
164 100
166 124.0 106.6 159.8
129 90.2 79.9 119.9
131 86.9 75.8 113.8



Abundance Ion 163.85 (163.55 to 164.55): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.90 (128.60 to 129.60): V
Ion 130.90 (130.60 to 131.60): V





#59

Chlorobenzene

Concen: 10.821 ug/l

RT: 9.12 min Scan# 2496

Delta R.T. -0.00 min

Lab File: VU029677.D

Acq: 26 Feb 2019 13:07

Instrument :

MSVOA_U

ClientSampleId :

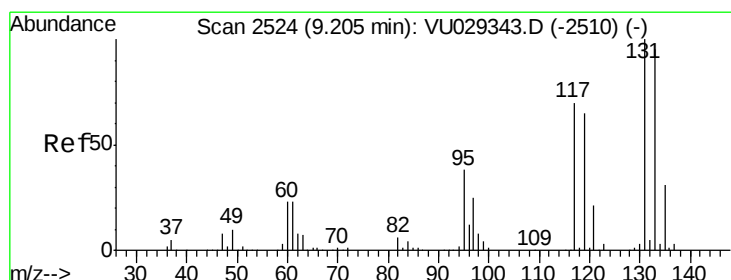
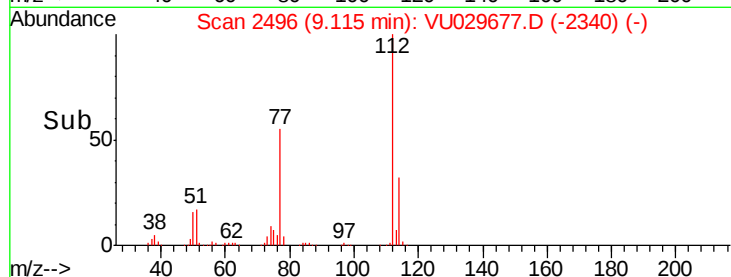
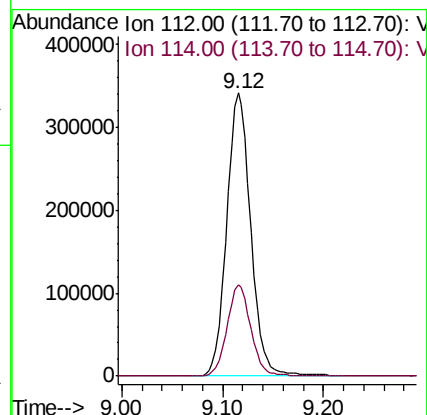
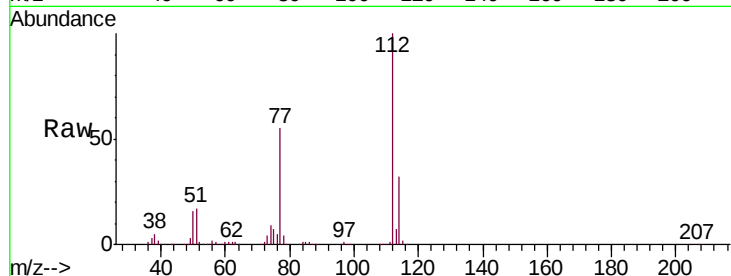
VSTDCCC010EC

Tgt Ion:112 Resp: 570032

Ion Ratio Lower Upper

112 100

114 32.3 26.2 39.4



#60

1,1,1,2-Tetrachloroethane

Concen: 10.156 ug/l

RT: 9.21 min Scan# 2524

Delta R.T. -0.00 min

Lab File: VU029677.D

Acq: 26 Feb 2019 13:07

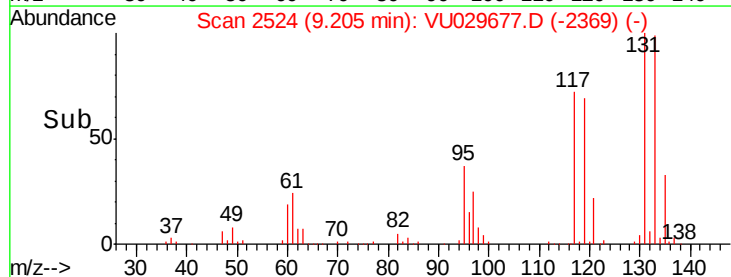
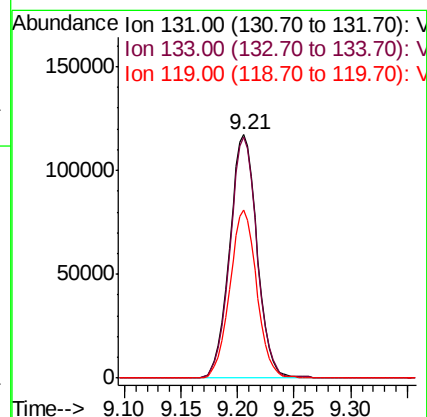
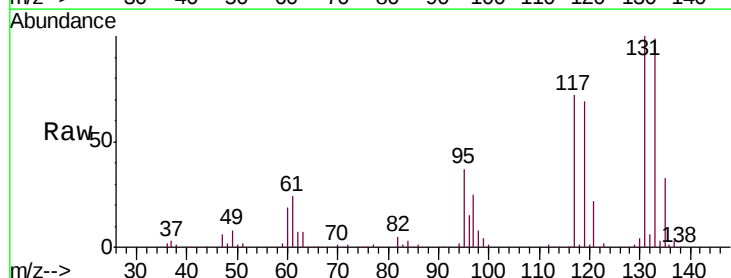
Tgt Ion:131 Resp: 197683

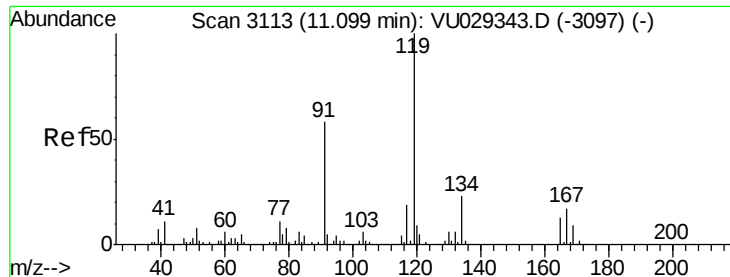
Ion Ratio Lower Upper

131 100

133 97.7 77.3 115.9

119 67.8 48.9 73.3





#61

Pentachloroethane

Concen: 9.954 ug/l

RT: 11.10 min Scan# 3113

Delta R.T. -0.00 min

Lab File: VU029677.D

Acq: 26 Feb 2019 13:07

Instrument :

MSVOA_U

ClientSampleId :

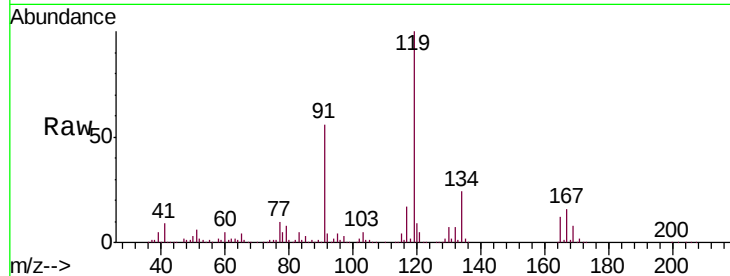
VSTDCCC010EC

Tgt Ion:117 Resp: 150172

Ion Ratio Lower Upper

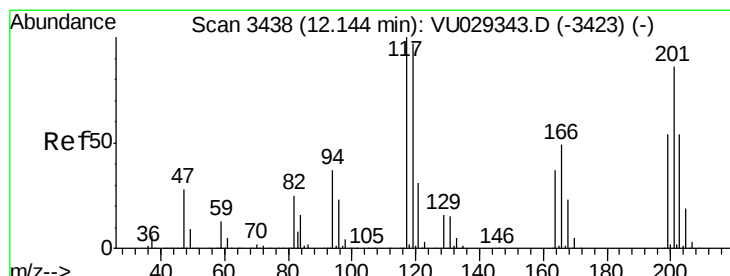
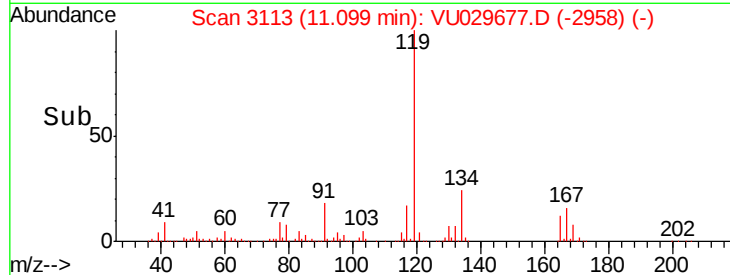
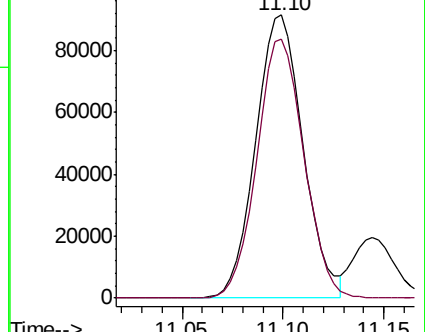
117 100

167 90.8 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: 9.766 ug/l

RT: 12.14 min Scan# 3437

Delta R.T. -0.00 min

Lab File: VU029677.D

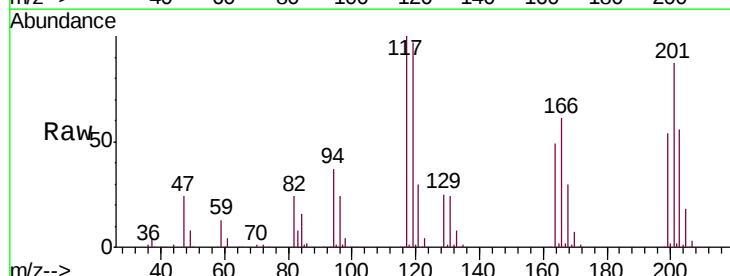
Acq: 26 Feb 2019 13:07

Tgt Ion:117 Resp: 160815

Ion Ratio Lower Upper

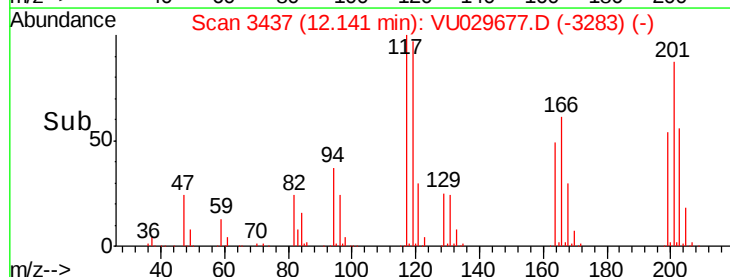
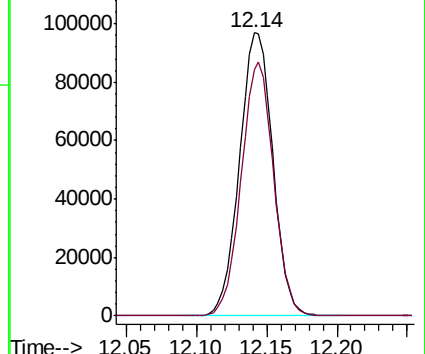
117 100

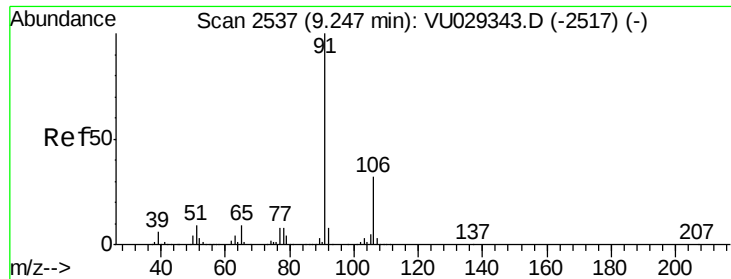
201 86.8 68.2 102.2



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.60 (200.30 to 201.30): V

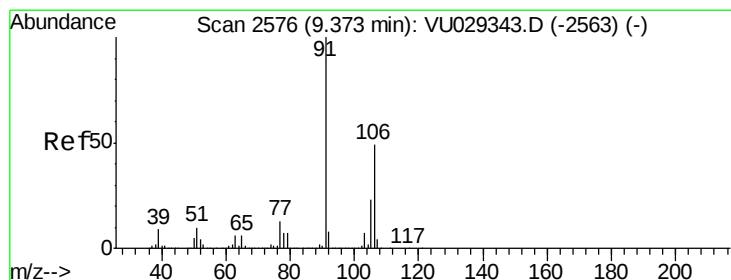
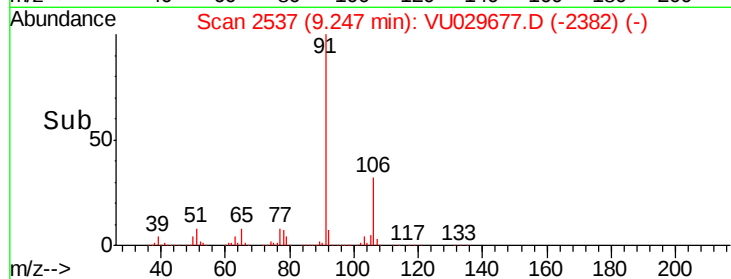
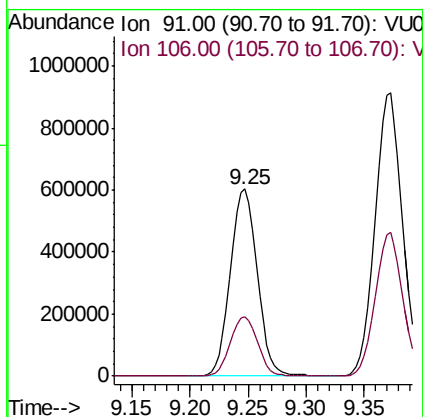
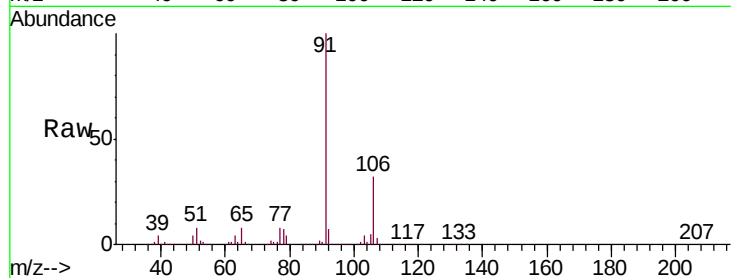




#63
Ethyl Benzene
Concen: 10.576 ug/l
RT: 9.25 min Scan# 2537
Delta R.T. -0.00 min
Lab File: VU029677.D
Acq: 26 Feb 2019 13:07

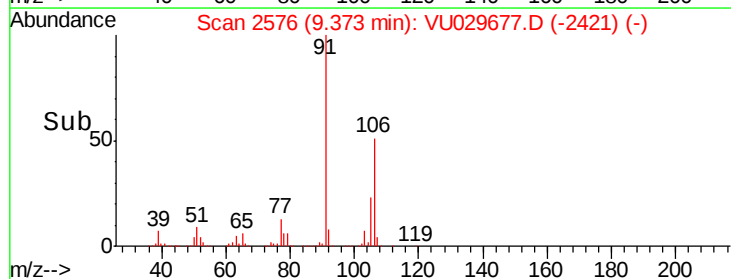
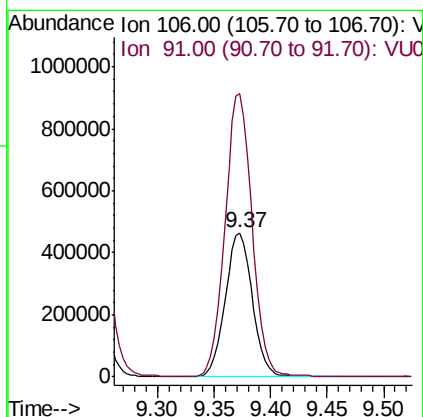
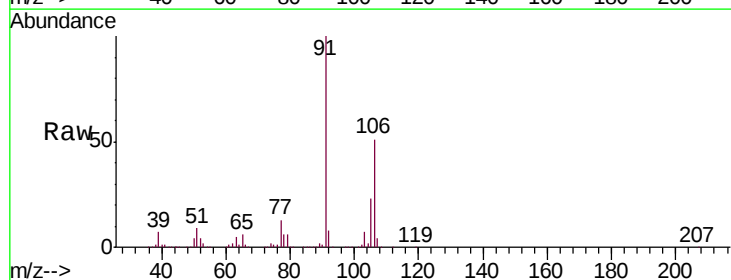
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

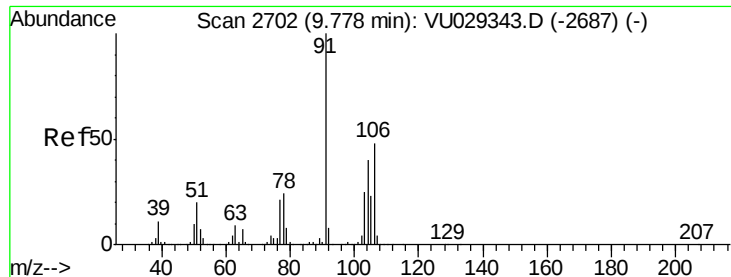
Tgt Ion: 91 Resp: 967541
Ion Ratio Lower Upper
91 100
106 31.9 23.8 35.6



#64
m/p-Xylenes
Concen: 21.695 ug/l
RT: 9.37 min Scan# 2576
Delta R.T. -0.00 min
Lab File: VU029677.D
Acq: 26 Feb 2019 13:07

Tgt Ion: 106 Resp: 771315
Ion Ratio Lower Upper
106 100
91 196.8 174.6 261.8

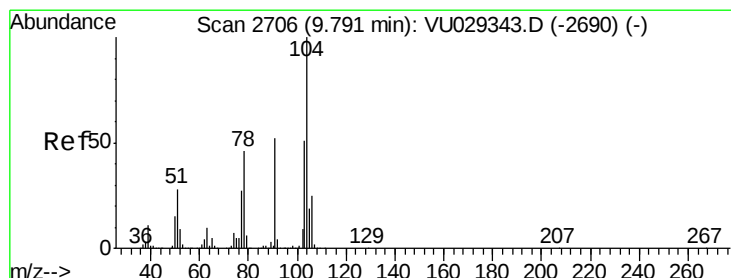
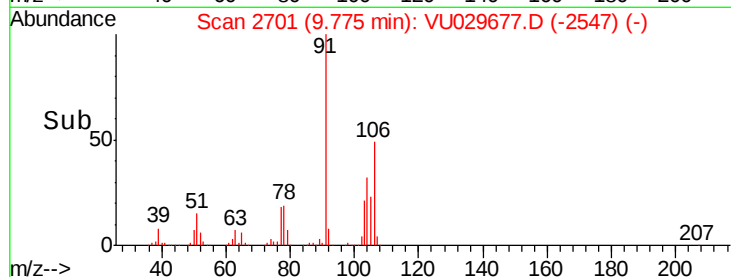
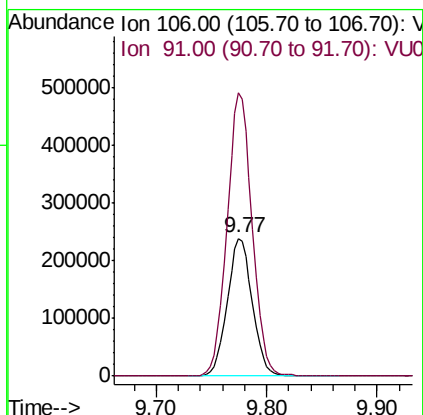
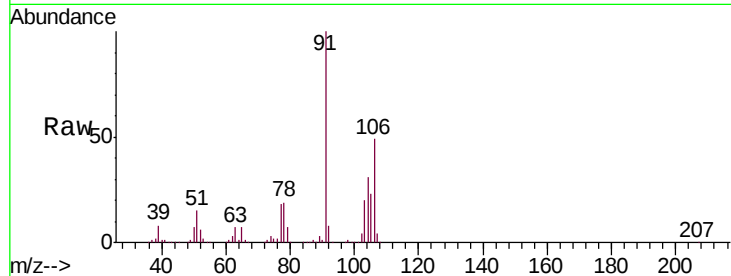




#65
o-Xylene
Concen: 10.777 ug/l
RT: 9.77 min Scan# 2701
Delta R.T. -0.00 min
Lab File: VU029677.D
Acq: 26 Feb 2019 13:07

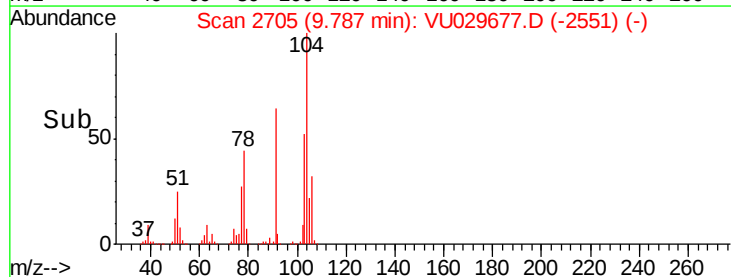
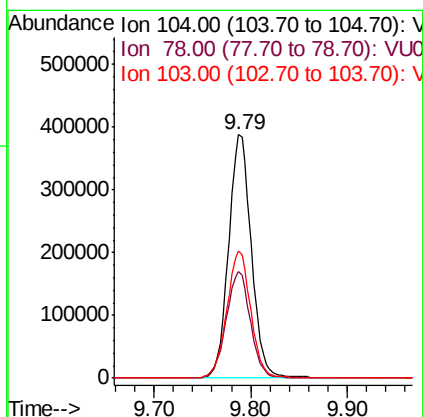
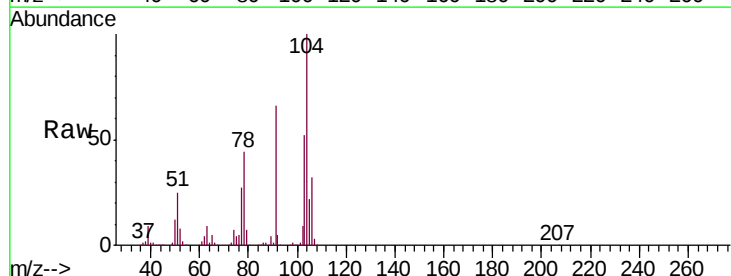
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

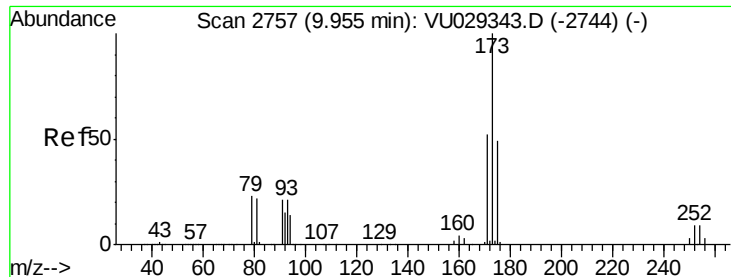
Tgt Ion:106 Resp: 376086
Ion Ratio Lower Upper
106 100
91 205.8 114.5 343.4



#66
Styrene
Concen: 10.922 ug/l
RT: 9.79 min Scan# 2705
Delta R.T. -0.00 min
Lab File: VU029677.D
Acq: 26 Feb 2019 13:07

Tgt Ion:104 Resp: 635360
Ion Ratio Lower Upper
104 100
78 46.9 46.5 69.7
103 55.0 44.7 67.1

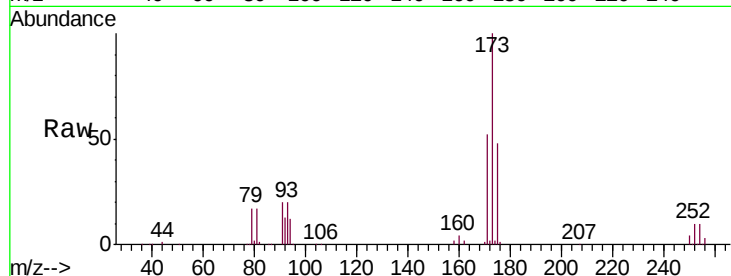




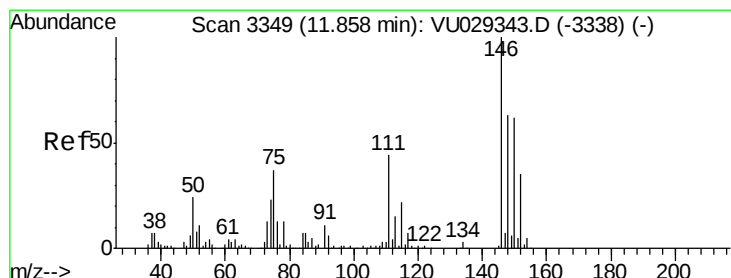
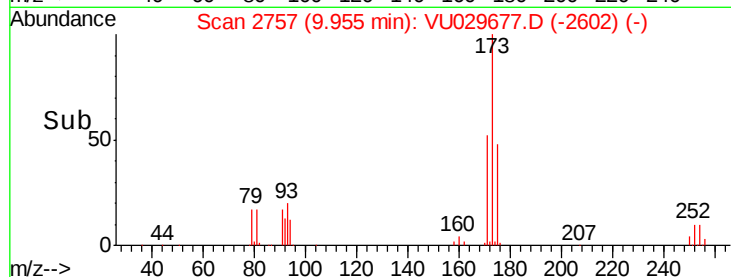
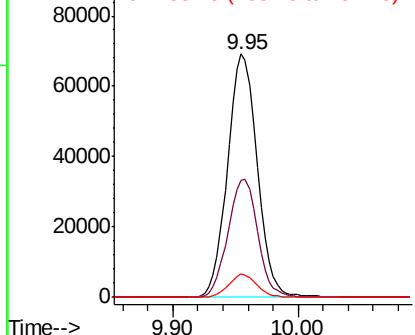
#67
Bromoform
Concen: 9.621 ug/l
RT: 9.95 min Scan# 2757
Delta R.T. -0.00 min
Lab File: VU029677.D
Acq: 26 Feb 2019 13:07

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tgt Ion:173 Resp: 114096
Ion Ratio Lower Upper
173 100
175 48.8 38.9 58.3
254 9.0 7.4 11.2

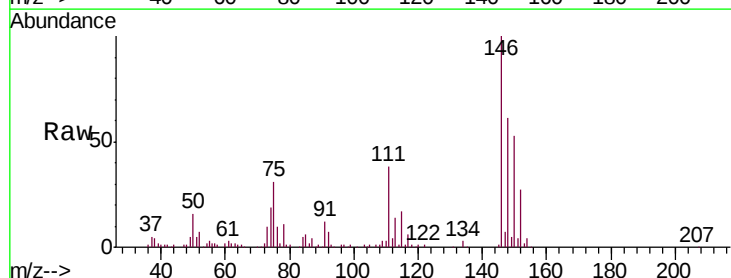


Abundance Ion 172.90 (172.60 to 173.60): V
Ion 174.90 (174.60 to 175.60): V
Ion 253.75 (253.45 to 254.45): V

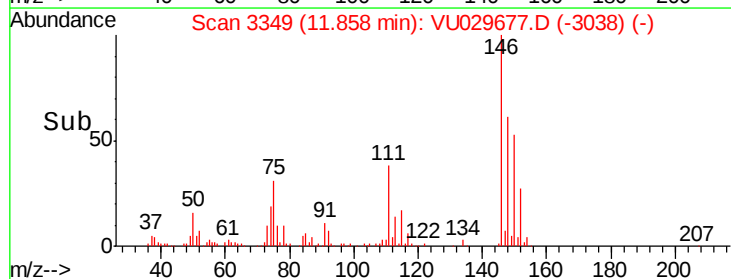
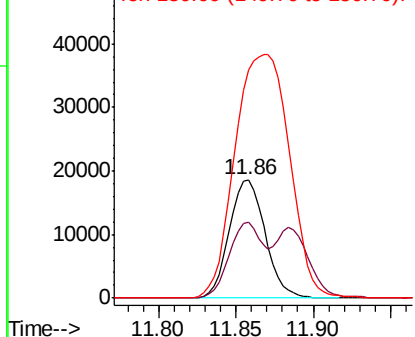


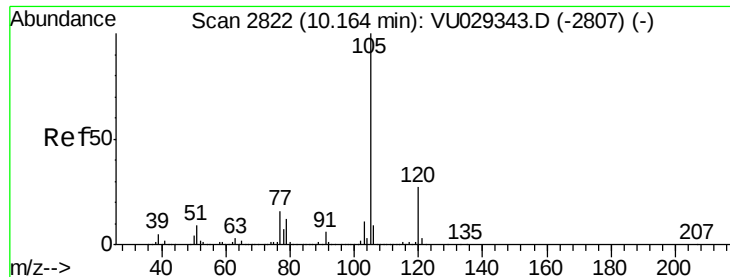
#68
1,2-Dichlorobenzene-d4
Concen: 9.621 ug/l
RT: 11.86 min Scan# 3349
Delta R.T. -0.00 min
Lab File: VU029677.D
Acq: 26 Feb 2019 13:07

Tgt Ion:152 Resp: 30046
Ion Ratio Lower Upper
152 100
115 60.8 0.0 133.4
150 0.0 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: 10.689 ug/l

RT: 10.16 min Scan# 2822

Delta R.T. -0.00 min

Lab File: VU029677.D

Acq: 26 Feb 2019 13:07

Instrument :

MSVOA_U

ClientSampleId :

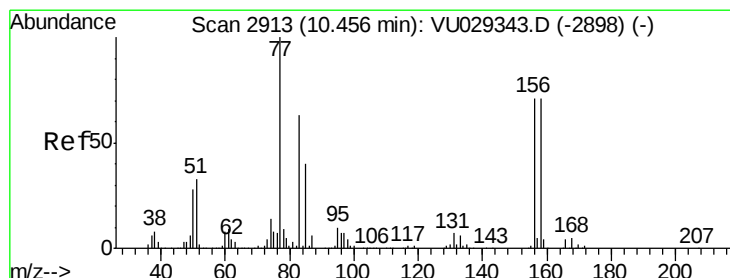
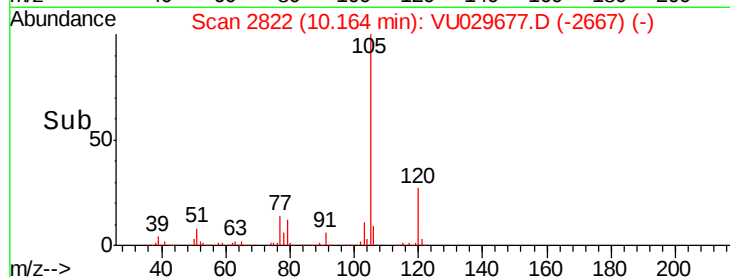
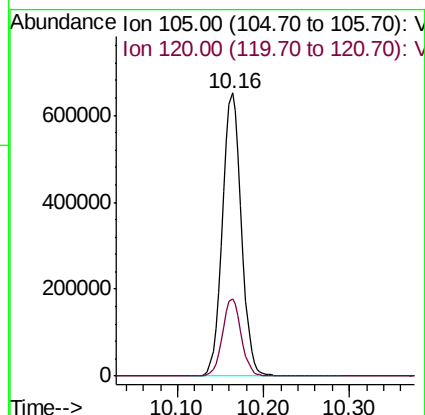
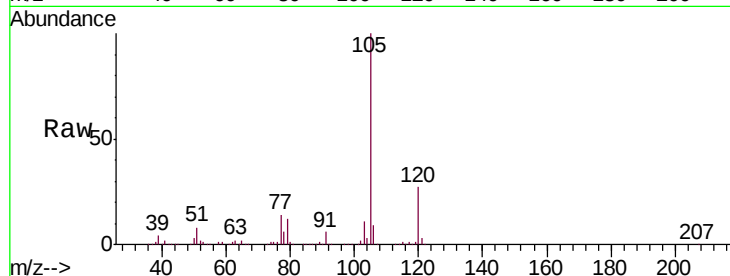
VSTDCCC010EC

Tgt Ion:105 Resp: 996581

Ion Ratio Lower Upper

105 100

120 27.0 12.6 37.6



#70

1,1,2,2-Tetrachloroethane

Concen: 10.882 ug/l

RT: 10.45 min Scan# 2912

Delta R.T. -0.00 min

Lab File: VU029677.D

Acq: 26 Feb 2019 13:07

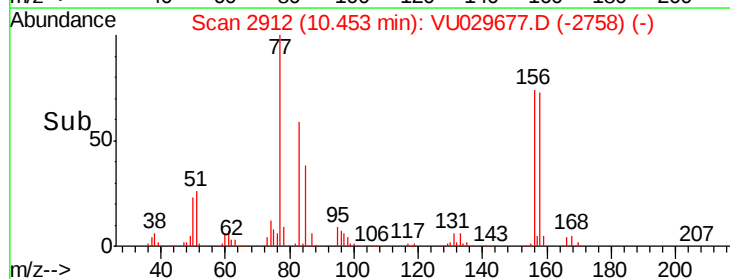
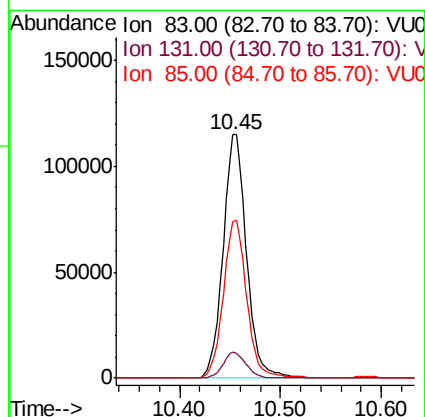
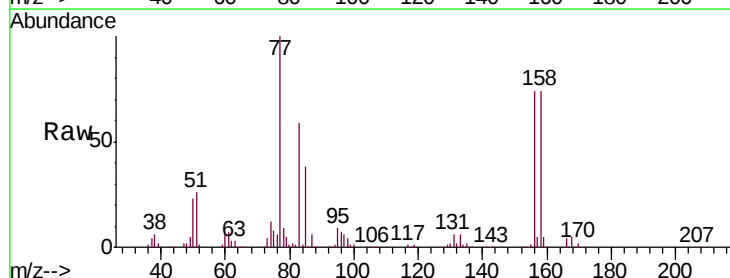
Tgt Ion: 83 Resp: 187069

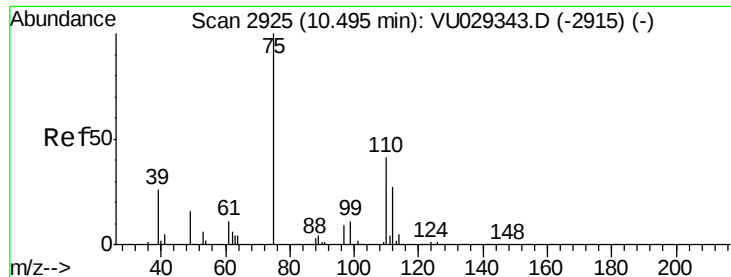
Ion Ratio Lower Upper

83 100

131 10.5 8.1 12.1

85 64.2 50.3 75.5





#71

1,2,3-Trichloropropane

Concen: 9.573 ug/l

RT: 10.49 min Scan# 2924

Delta R.T. -0.00 min

Lab File: VU029677.D

Acq: 26 Feb 2019 13:07

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 75 Resp: 113003

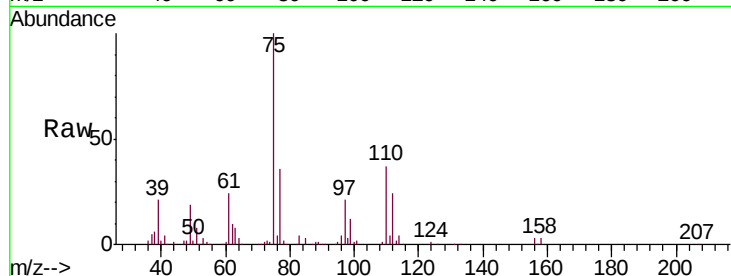
Ion Ratio Lower Upper

75 100

77 11.2 0.0 0.0#

110 44.0 0.0 63.6

97 23.7 0.0 31.4

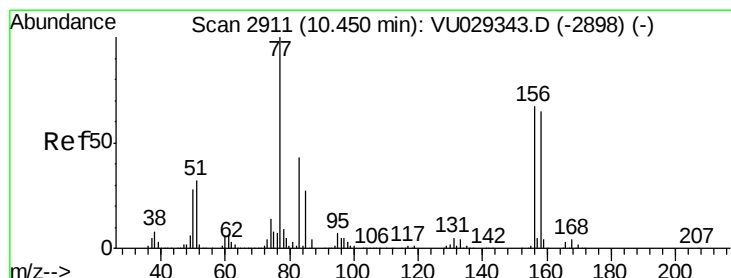
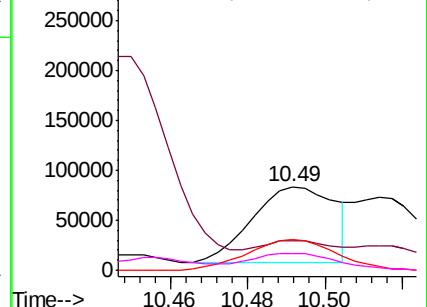
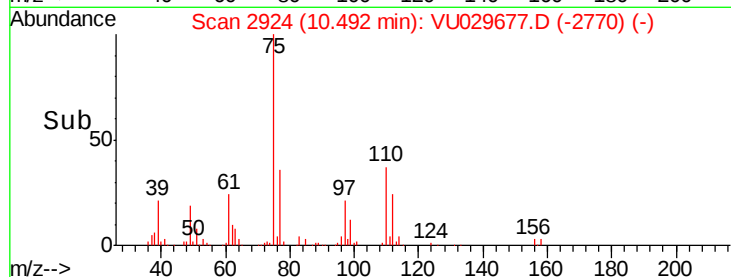


Abundance Ion 75.00 (74.70 to 75.70): VU0

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: 11.271 ug/l

RT: 10.45 min Scan# 2911

Delta R.T. -0.00 min

Lab File: VU029677.D

Acq: 26 Feb 2019 13:07

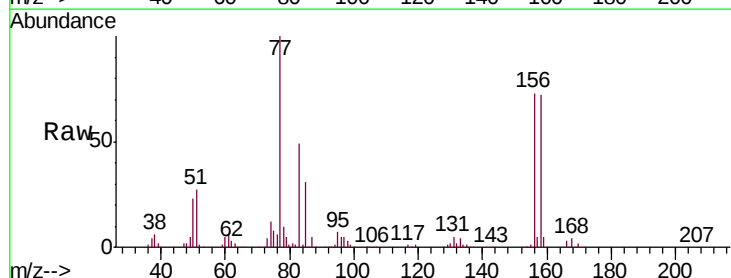
Tgt Ion: 156 Resp: 254710

Ion Ratio Lower Upper

156 100

77 137.4 0.0 343.8

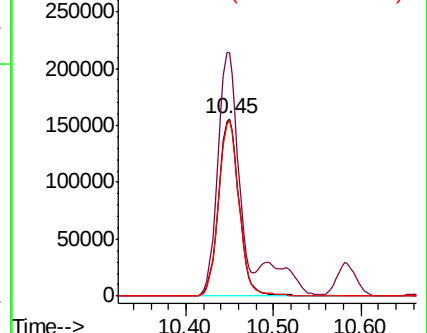
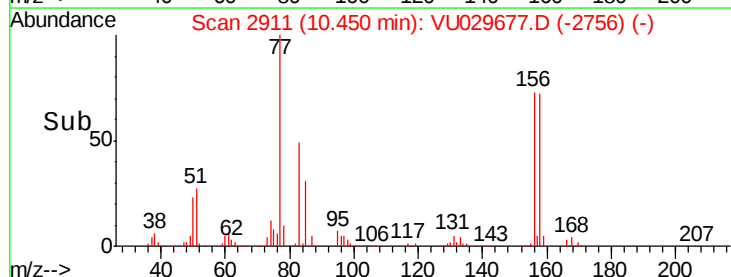
158 98.7 0.0 195.0

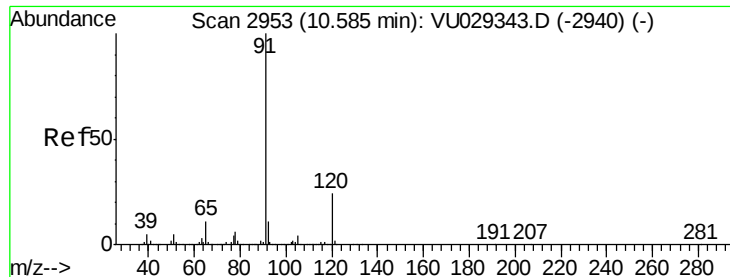


Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VU0

Ion 158.00 (157.70 to 158.70): V





#73

n-propylbenzene

Concen: 10.938 ug/l

RT: 10.58 min Scan# 2953

Delta R.T. -0.00 min

Lab File: VU029677.D

Acq: 26 Feb 2019 13:07

Instrument :

MSVOA_U

ClientSampleId :

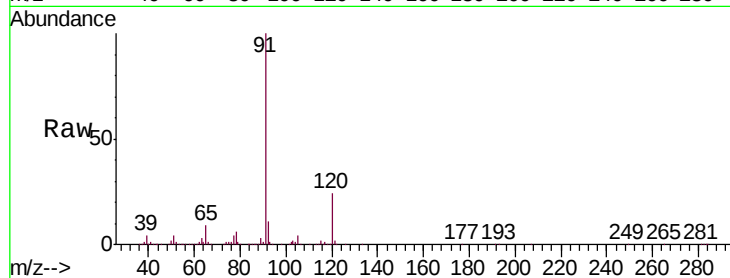
VSTDCCC010EC

Tgt Ion:120 Resp: 284060

Ion Ratio Lower Upper

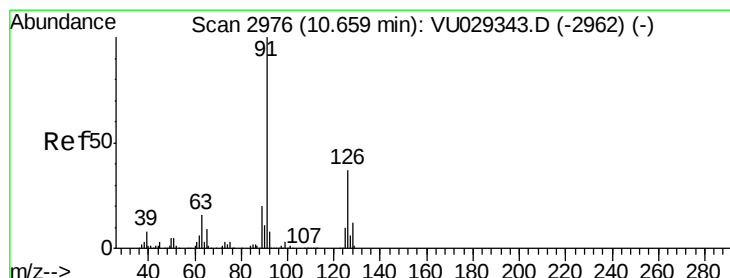
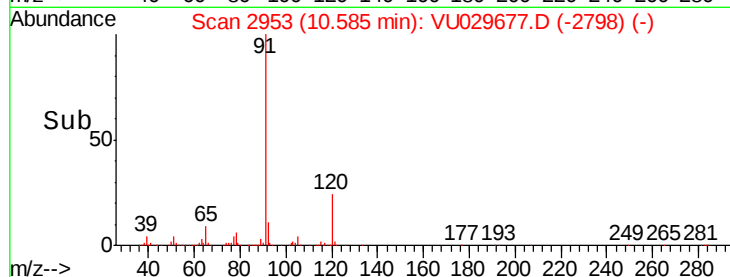
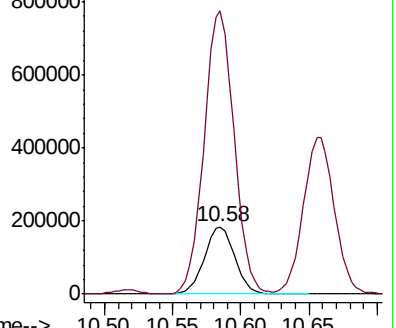
120 100

91 416.4 370.0 555.0



Abundance Ion 120.00 (119.70 to 120.70): V

Ion 91.00 (90.70 to 91.70): VU0



#74

2-Chlorotoluene

Concen: 10.805 ug/l

RT: 10.66 min Scan# 2975

Delta R.T. -0.00 min

Lab File: VU029677.D

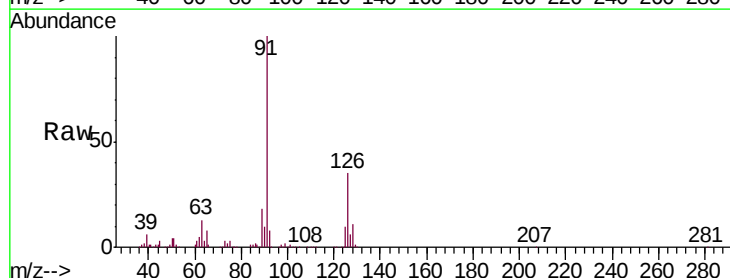
Acq: 26 Feb 2019 13:07

Tgt Ion:126 Resp: 238935

Ion Ratio Lower Upper

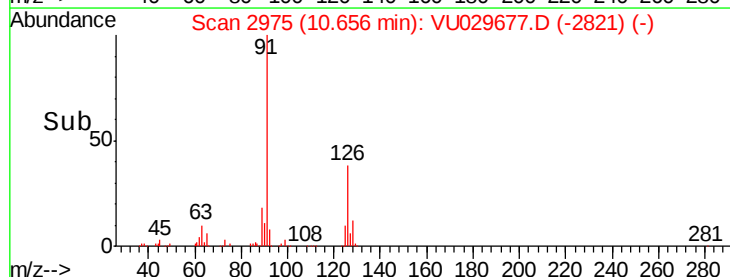
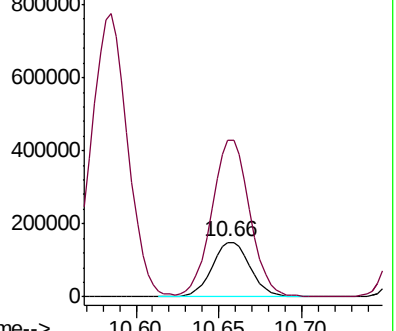
126 100

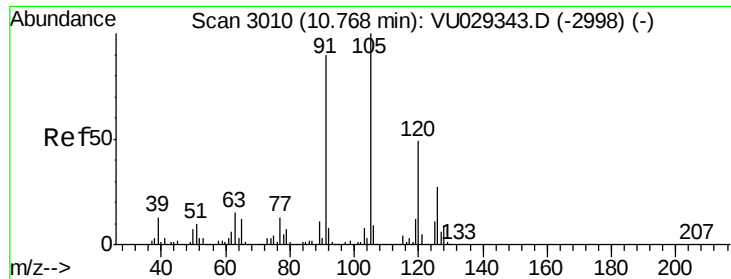
91 285.8 0.0 643.0



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: 10.569 ug/l

RT: 10.77 min Scan# 3010

Delta R.T. -0.00 min

Lab File: VU029677.D

Acq: 26 Feb 2019 13:07

Instrument :

MSVOA_U

ClientSampleId :

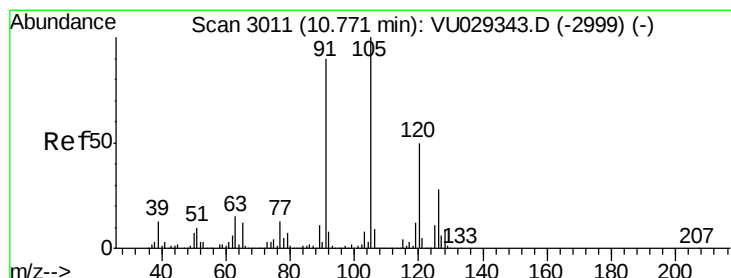
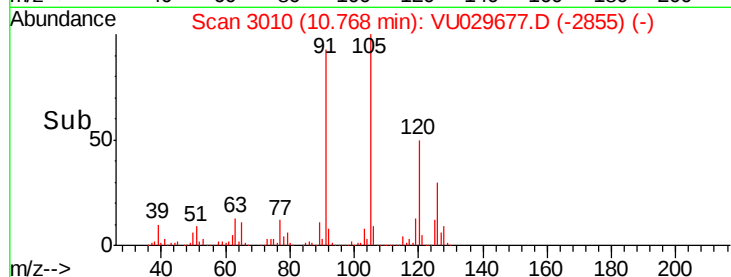
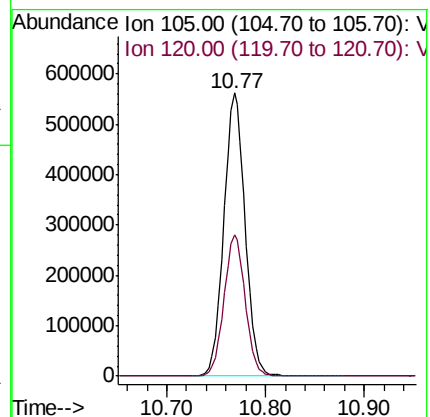
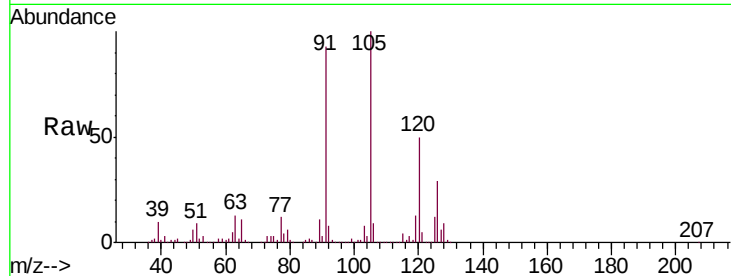
VSTDCCC010EC

Tgt Ion:105 Resp: 849601

Ion Ratio Lower Upper

105 100

120 50.0 37.3 55.9



#76

4-Chlorotoluene

Concen: 11.089 ug/l

RT: 10.77 min Scan# 3010

Delta R.T. -0.00 min

Lab File: VU029677.D

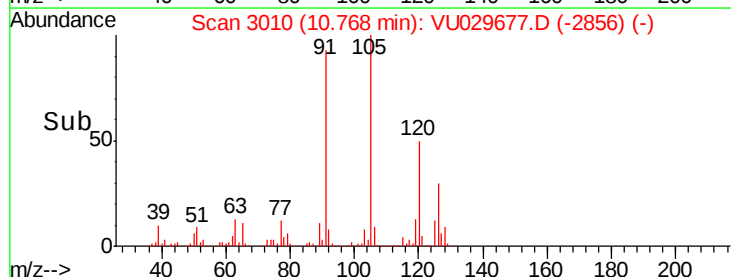
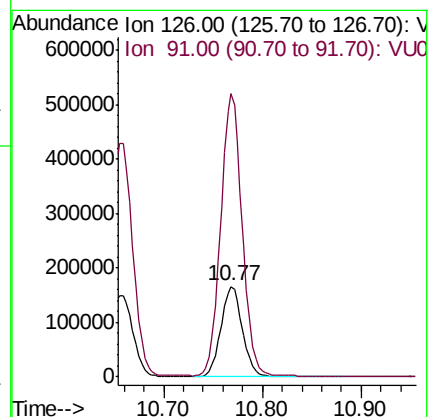
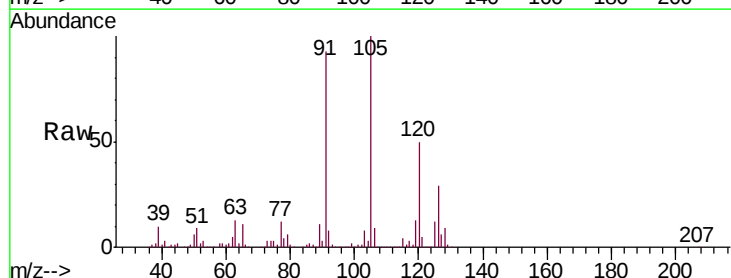
Acq: 26 Feb 2019 13:07

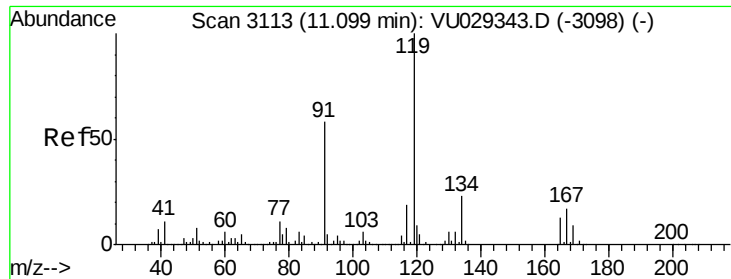
Tgt Ion:126 Resp: 254500

Ion Ratio Lower Upper

126 100

91 313.3 0.0 727.4

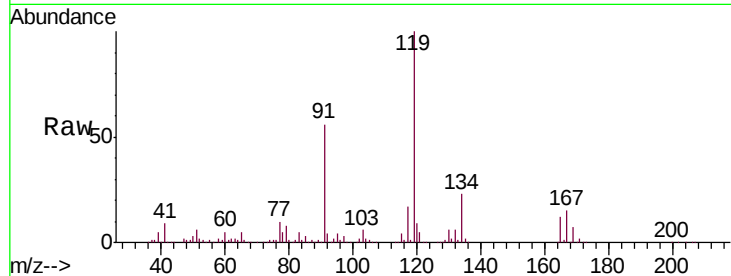




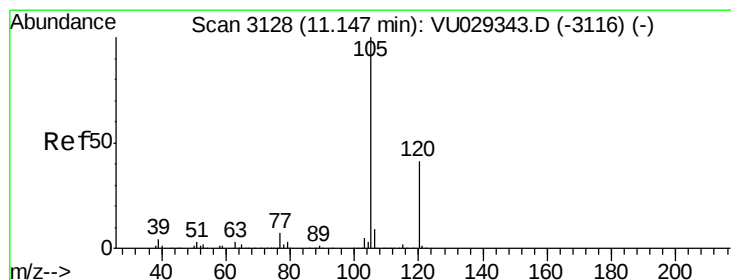
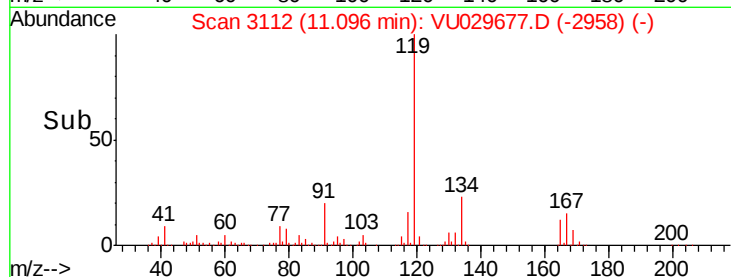
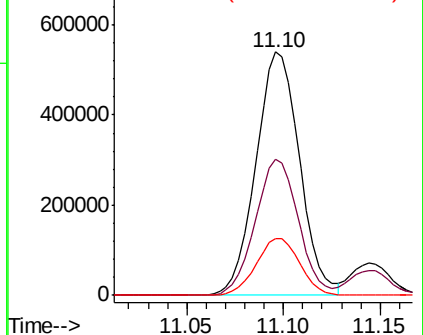
#77
 tert-Butylbenzene
 Concen: 10.694 ug/l
 RT: 11.10 min Scan# 3112
 Delta R.T. -0.00 min
 Lab File: VU029677.D
 Acq: 26 Feb 2019 13:07

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC

Tgt Ion:119 Resp: 849715
 Ion Ratio Lower Upper
 119 100
 91 55.1 32.2 96.6
 134 23.3 17.6 26.4

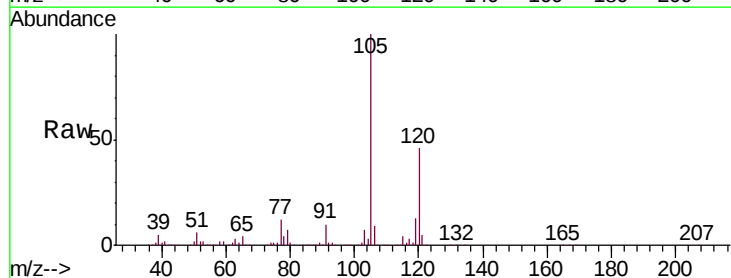


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): VU0
 Ion 134.00 (133.70 to 134.70): V

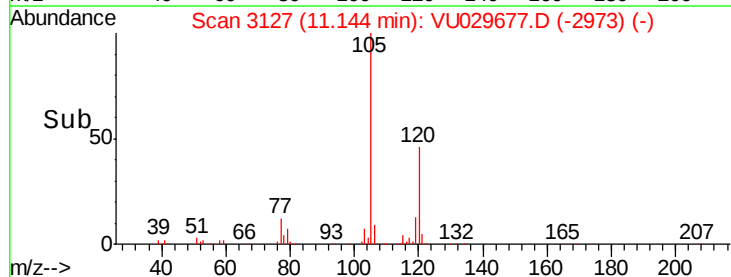
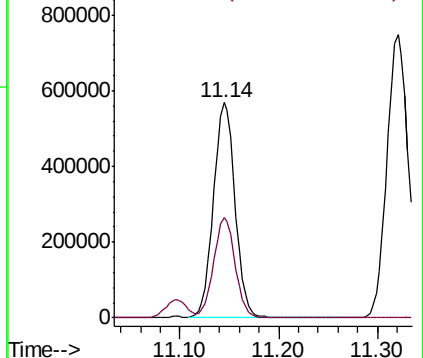


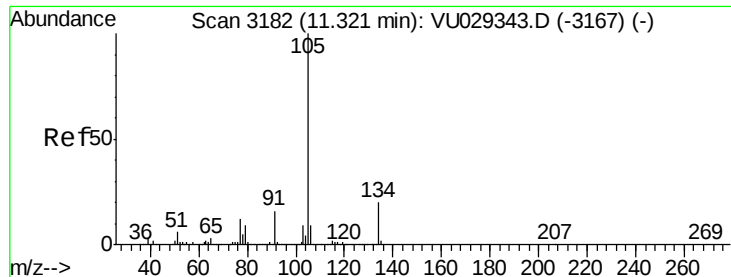
#78
 1,2,4-Trimethylbenzene
 Concen: 10.695 ug/l
 RT: 11.14 min Scan# 3127
 Delta R.T. -0.00 min
 Lab File: VU029677.D
 Acq: 26 Feb 2019 13:07

Tgt Ion:105 Resp: 870341
 Ion Ratio Lower Upper
 105 100
 120 46.4 21.4 64.3



Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V





#79

sec-Butylbenzene

Concen: 10.860 ug/l

RT: 11.32 min Scan# 3182

Delta R.T. -0.00 min

Lab File: VU029677.D

Acq: 26 Feb 2019 13:07

Instrument :

MSVOA_U

ClientSampleId :

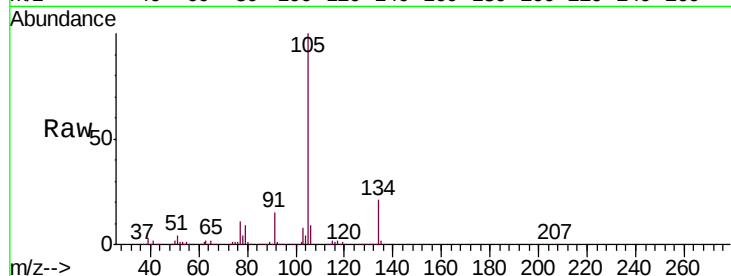
VSTDCCC010EC

Tgt Ion:105 Resp: 1129027

Ion Ratio Lower Upper

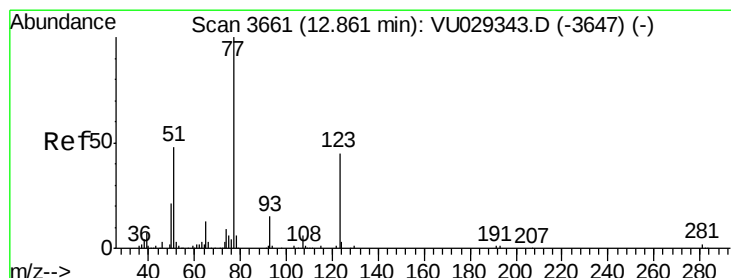
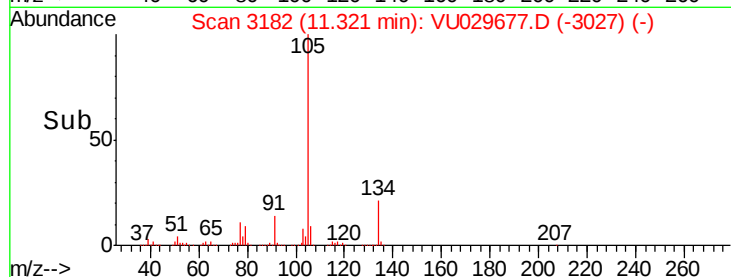
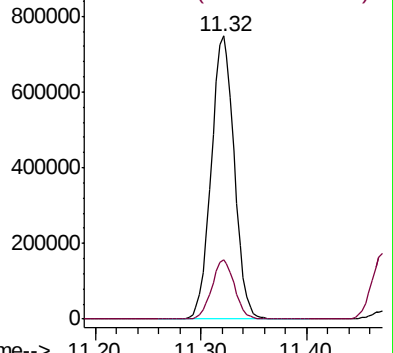
105 100

134 20.7 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: 26.926 ug/l

RT: 12.86 min Scan# 3661

Delta R.T. -0.00 min

Lab File: VU029677.D

Acq: 26 Feb 2019 13:07

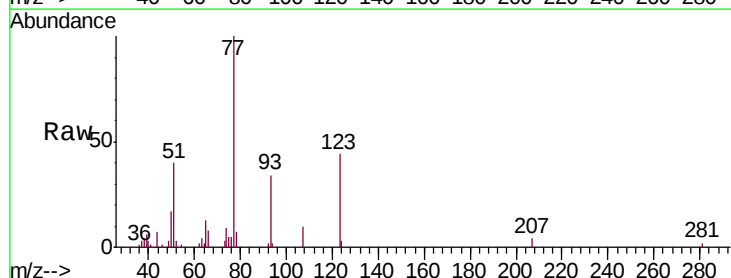
Tgt Ion: 77 Resp: 20622

Ion Ratio Lower Upper

77 100

123 45.4 17.5 61.9

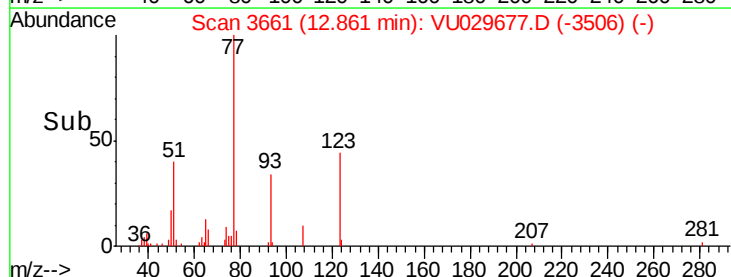
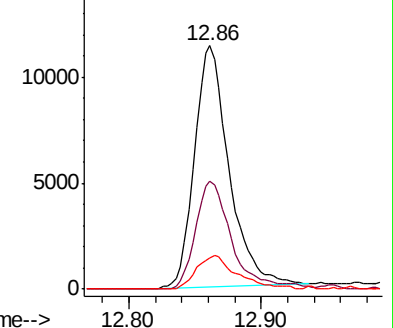
65 14.3 10.8 13.8#

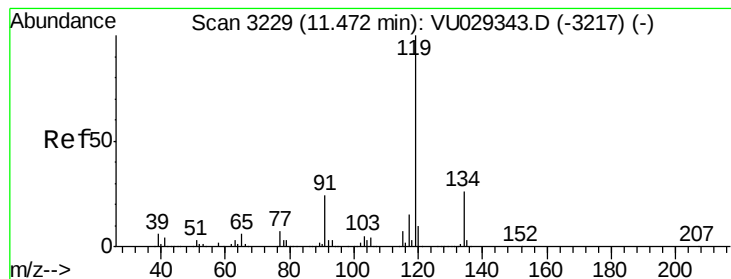


Abundance Ion 77.00 (76.70 to 77.70): VU0

Ion 123.00 (122.70 to 123.70): V

Ion 65.00 (64.70 to 65.70): VU0





#81

p-Isopropyltoluene

Concen: 10.910 ug/l

RT: 11.47 min Scan# 3229

Delta R.T. -0.00 min

Lab File: VU029677.D

Acq: 26 Feb 2019 13:07

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

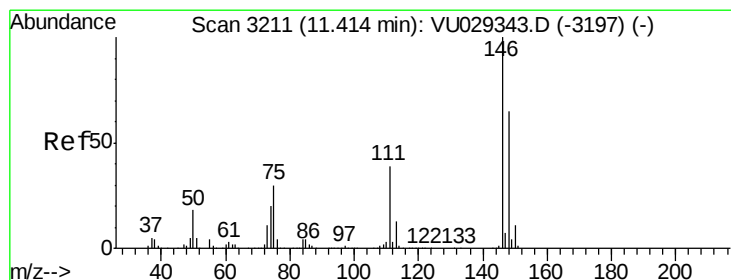
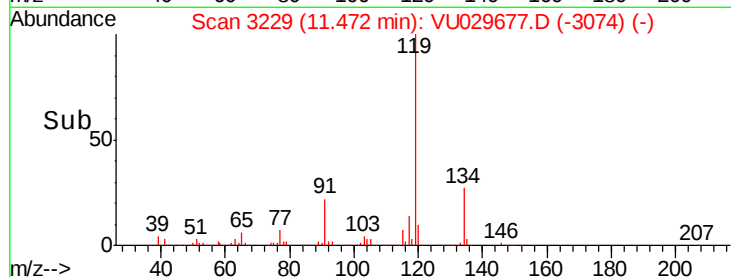
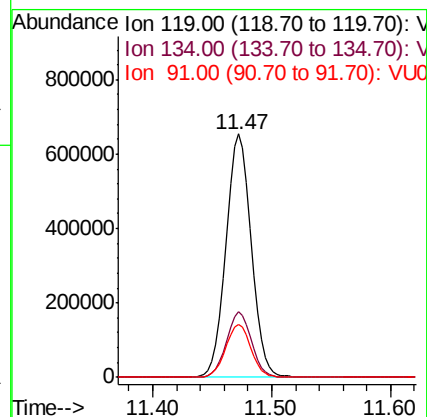
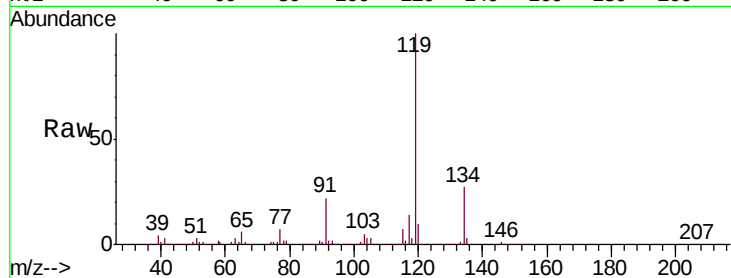
Tgt Ion:119 Resp: 961419

Ion Ratio Lower Upper

119 100

134 26.7 19.8 29.6

91 21.9 21.5 32.3



#82

1,3-Dichlorobenzene

Concen: 11.394 ug/l

RT: 11.41 min Scan# 3211

Delta R.T. -0.00 min

Lab File: VU029677.D

Acq: 26 Feb 2019 13:07

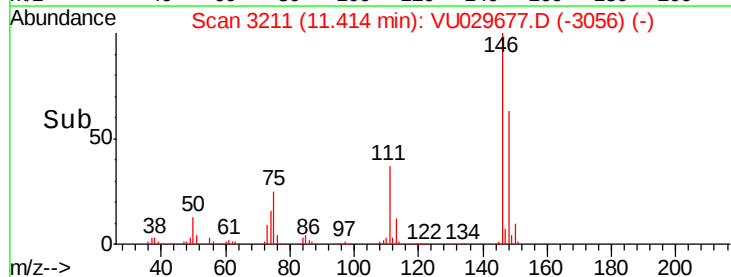
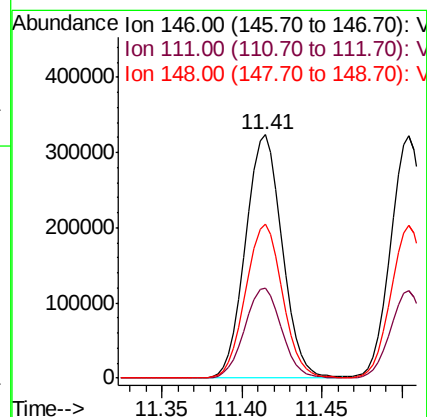
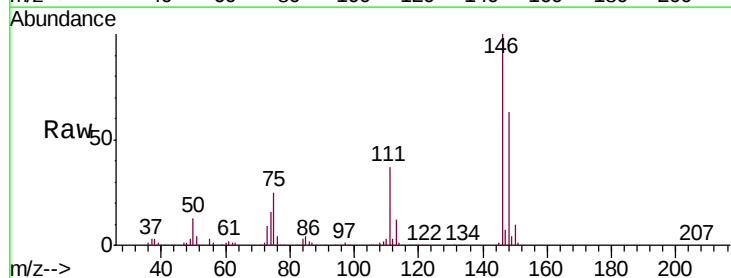
Tgt Ion:146 Resp: 505219

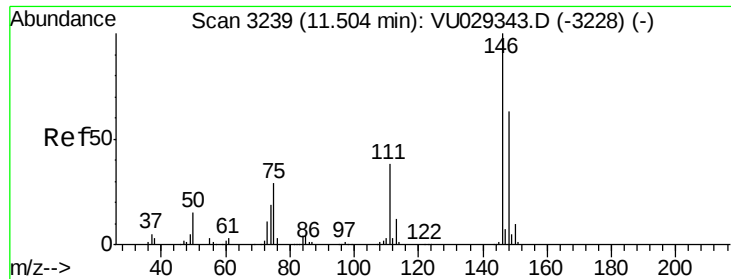
Ion Ratio Lower Upper

146 100

111 37.4 34.1 51.1

148 63.7 52.3 78.5

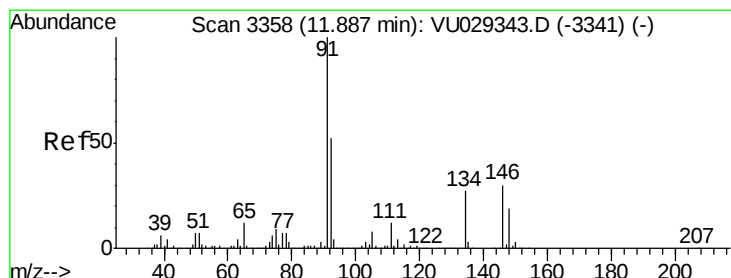
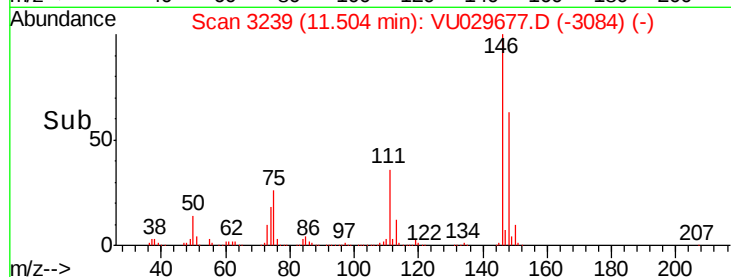
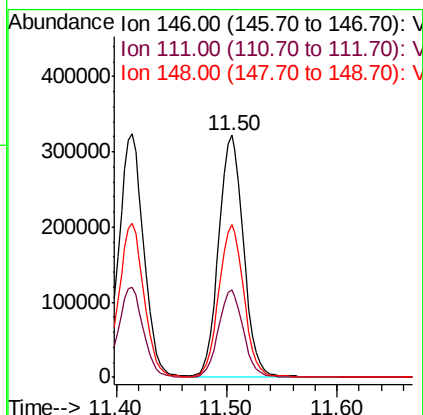
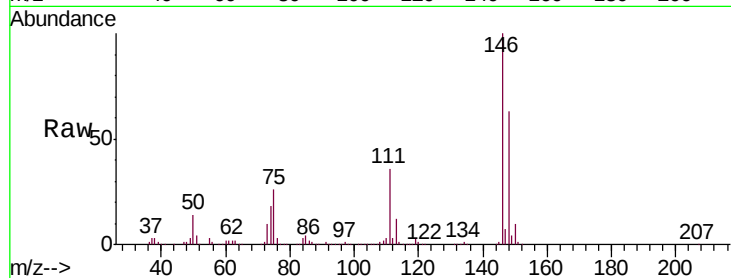




#83
 1,4-Dichlorobenzene
 Concen: 11.403 ug/l
 RT: 11.50 min Scan# 3239
 Delta R.T. -0.00 min
 Lab File: VU029677.D
 Acq: 26 Feb 2019 13:07

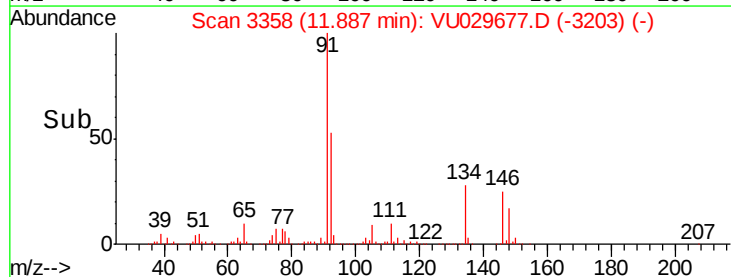
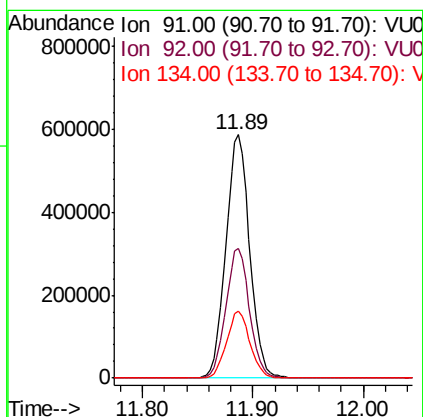
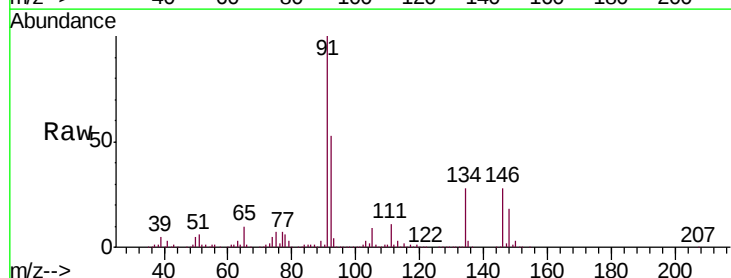
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC

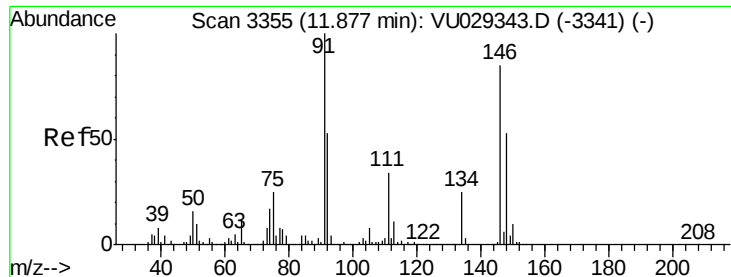
Tgt Ion: 146 Resp: 503534
 Ion Ratio Lower Upper
 146 100
 111 35.9 32.9 49.3
 148 63.5 51.8 77.6



#84
 n-Butylbenzene
 Concen: 10.881 ug/l
 RT: 11.89 min Scan# 3358
 Delta R.T. -0.00 min
 Lab File: VU029677.D
 Acq: 26 Feb 2019 13:07

Tgt Ion: 91 Resp: 879924
 Ion Ratio Lower Upper
 91 100
 92 52.9 41.0 61.6
 134 27.4 19.1 28.7

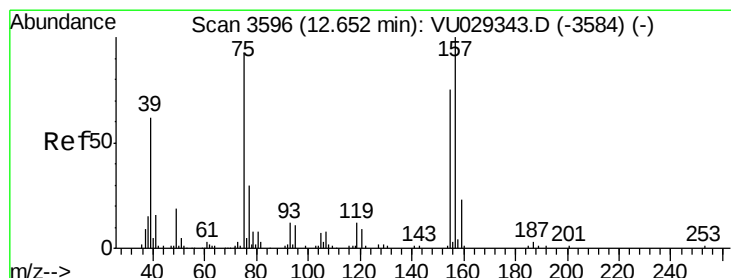
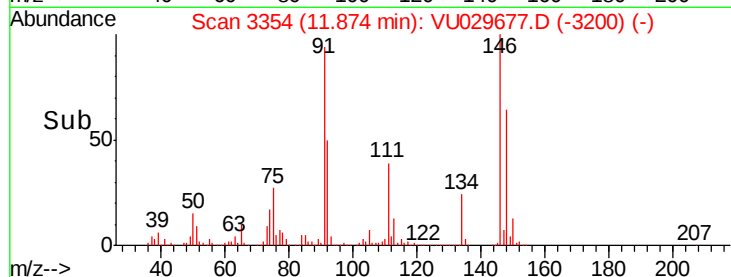
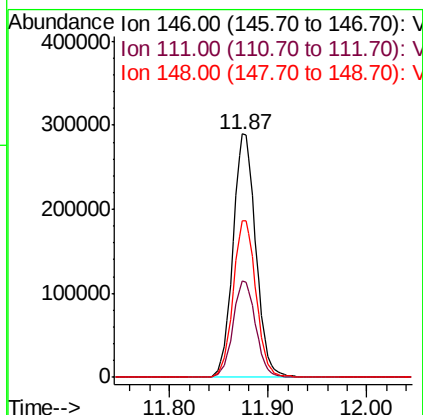
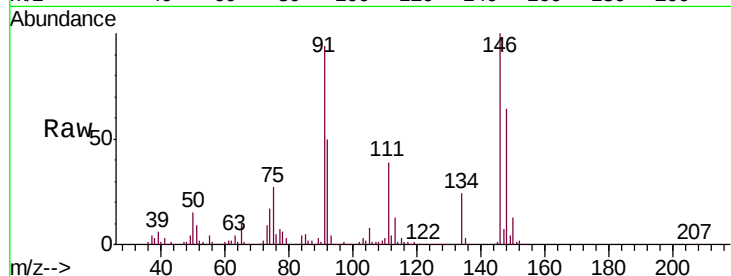




#85
 1,2-Dichlorobenzene
 Concen: 11.137 ug/l
 RT: 11.87 min Scan# 3354
 Delta R.T. -0.00 min
 Lab File: VU029677.D
 Acq: 26 Feb 2019 13:07

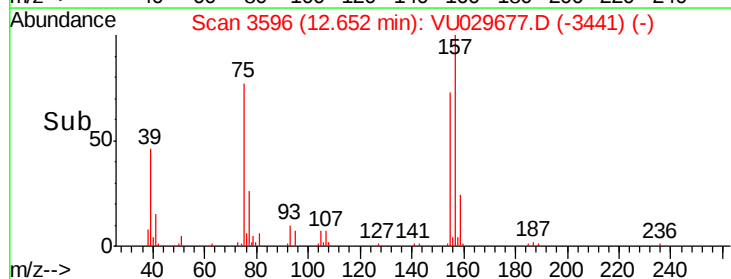
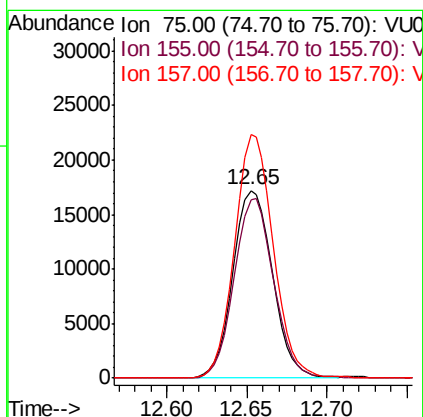
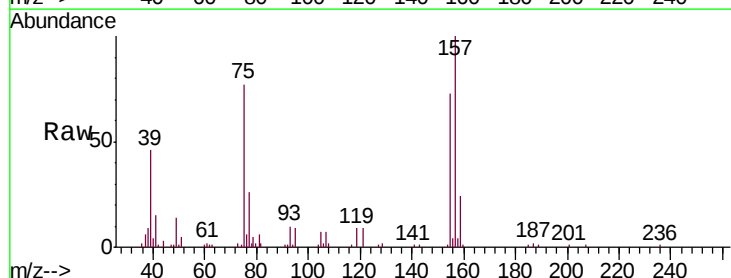
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC

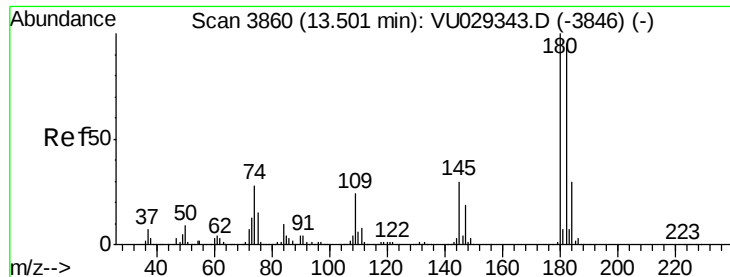
Tgt Ion:146 Resp: 466871
 Ion Ratio Lower Upper
 146 100
 111 39.3 21.9 65.8
 148 64.3 31.8 95.3



#86
 1,2-Dibromo-3-Chloropropane
 Concen: 9.074 ug/l
 RT: 12.65 min Scan# 3596
 Delta R.T. -0.00 min
 Lab File: VU029677.D
 Acq: 26 Feb 2019 13:07

Tgt Ion: 75 Resp: 29111
 Ion Ratio Lower Upper
 75 100
 155 95.3 53.8 80.8#
 157 126.4 69.2 103.8#





#87

1,2,4-Trichlorobenzene

Concen: 11.434 ug/l

RT: 13.50 min Scan# 3860

Delta R.T. -0.00 min

Lab File: VU029677.D

Acq: 26 Feb 2019 13:07

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

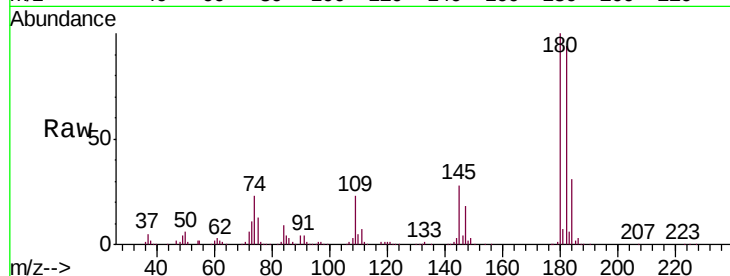
Tgt Ion:180 Resp: 336683

Ion Ratio Lower Upper

180 100

182 94.1 76.6 114.8

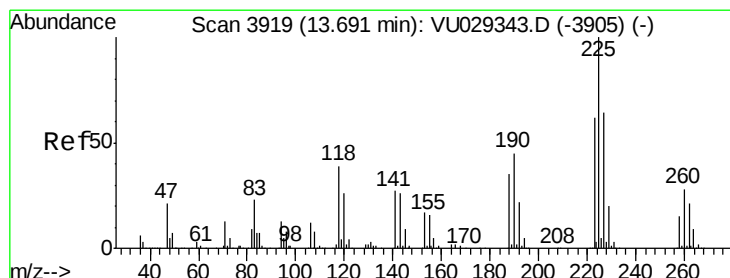
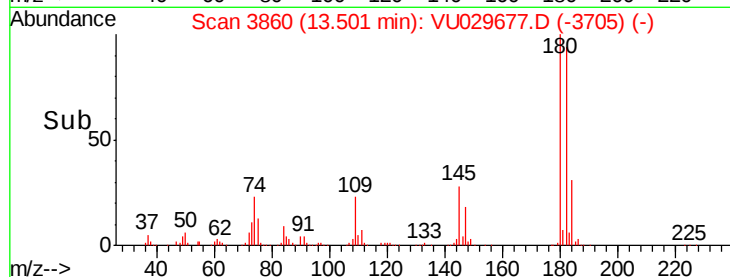
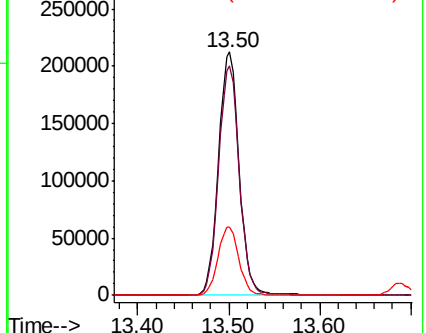
145 28.4 24.6 36.8



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: 11.459 ug/l

RT: 13.69 min Scan# 3919

Delta R.T. -0.00 min

Lab File: VU029677.D

Acq: 26 Feb 2019 13:07

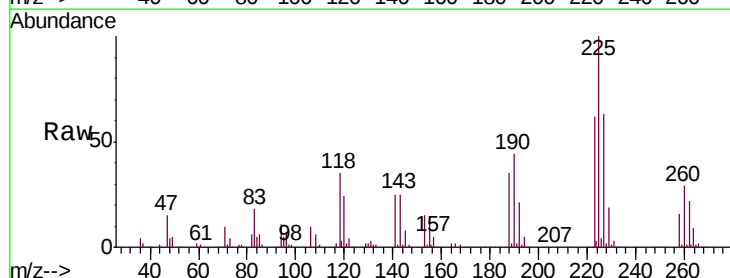
Tgt Ion:225 Resp: 195411

Ion Ratio Lower Upper

225 100

223 63.0 49.5 74.3

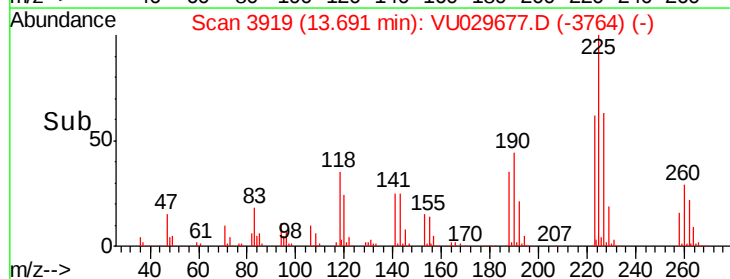
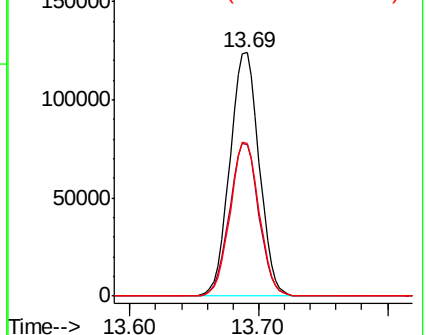
227 62.4 50.4 75.6

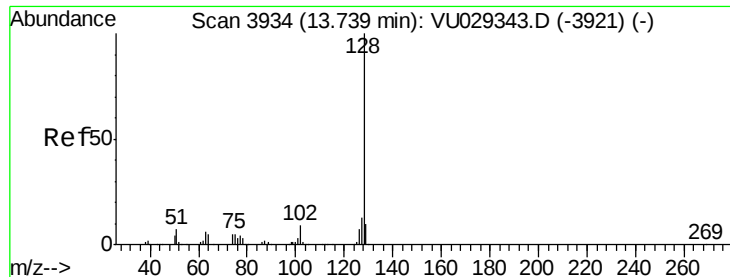


Abundance Ion 224.60 (224.30 to 225.30): V

Ion 222.60 (222.30 to 223.30): V

Ion 226.60 (226.30 to 227.30): V





#89

Naphthalene

Concen: 11.165 ug/l

RT: 13.74 min Scan# 3934

Delta R.T. -0.00 min

Lab File: VU029677.D

Acq: 26 Feb 2019 13:07

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

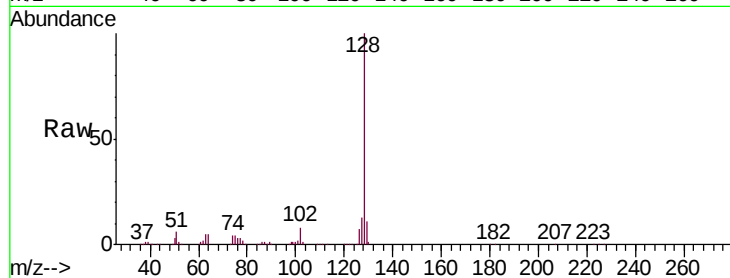
Tgt Ion:128 Resp: 557573

Ion Ratio Lower Upper

128 100

127 12.7 10.7 16.1

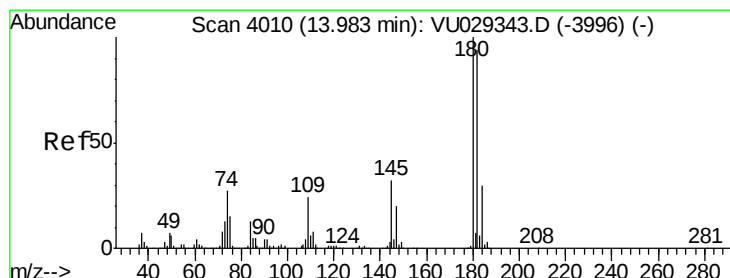
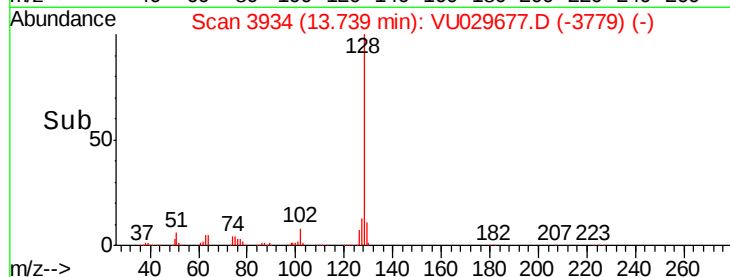
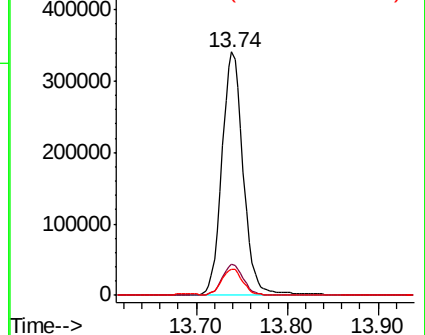
129 10.7 8.2 12.4



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: 11.259 ug/l

RT: 13.98 min Scan# 4010

Delta R.T. -0.00 min

Lab File: VU029677.D

Acq: 26 Feb 2019 13:07

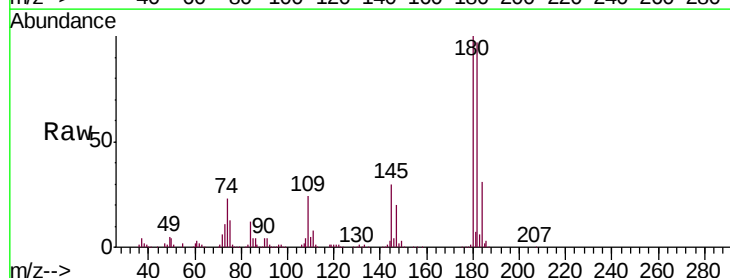
Tgt Ion:180 Resp: 302988

Ion Ratio Lower Upper

180 100

182 96.0 78.0 117.0

145 30.2 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

