

Data File : VU029674.D
Acq On : 26 Feb 2019 11:41
Operator : JC/SP
Sample : VU0226WBSD01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VU0226WBSD01

Quant Time: Feb 27 00:22:04 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	61290	1.00	ug/l	0.00

System Monitoring Compounds

57) 4-Bromofluorobenzene	10.31	95	21865	0.91	ug/l	0.00
Spiked Amount	1.000		Recovery	=	91.00%	
68) 1,2-Dichlorobenzene-d4	11.86	152	25525	1.04	ug/l	0.00
Spiked Amount	1.000		Recovery	=	104.00%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.21	85	41121	1.798 ug/l	99
3) Chloromethane	1.33	50	34471	1.649 ug/l	99
4) Vinyl Chloride	1.40	62	43177	1.762 ug/l	99
5) Bromomethane	1.63	94	27042	1.984 ug/l	97
6) Chloroethane	1.70	64	26099	1.823 ug/l	96
7) Trichlorofluoromethane	1.88	101	60430	1.766 ug/l	95
8) 1,1,2-Trichloro-1,2,2-trif	2.29	101	33851	1.874 ug/l	87
9) 1,1-Dichloroethene	2.28	96	33023	1.868 ug/l	69
10) Iodomethane	2.41	142	18518	0.979 ug/l #	75
11) Allyl Chloride	2.59	41	46145	1.556 ug/l #	80
12) Acrylonitrile	2.94	53	14325	3.615 ug/l	97
13) Acetone	2.32	43	30349	7.946 ug/l #	81
14) Carbon Disulfide	2.47	76	107646	1.724 ug/l	99
15) Methylene Chloride	2.70	84	39431	1.839 ug/l #	76
16) trans-1,2-Dichloroethene	2.98	96	37337	1.888 ug/l #	77
17) 1,1-Dichloroethane	3.44	63	66509	2.123 ug/l	96
18) 2-Butanone	4.28	43	39202	9.184 ug/l	98
19) Cyclohexane	4.99	56	40540	1.396 ug/l #	81
20) Methylcyclohexane	6.41	83	57467	1.883 ug/l #	85
21) 2,2-Dichloropropane	4.22	77	49753	1.716 ug/l #	90
22) cis-1,2-Dichloroethene	4.22	96	39086	2.099 ug/l	74
23) Diethyl Ether	2.10	59	24981	1.759 ug/l	86
24) tert-Butyl Alcohol	2.84	59	25644	17.380 ug/l	100
25) Methyl tert-Butyl Ether	3.00	73	85836	1.724 ug/l #	79
26) Bromochloromethane	4.54	128	17261	2.098 ug/l	70
27) Chloroform	4.67	83	59898	1.966 ug/l	100
28) 1,1,1-Trichloroethane	4.91	97	53201	1.884 ug/l	93
29) 1,1-Dichloropropene	5.13	75	45459	1.854 ug/l	92
30) Carbon Tetrachloride	5.13	117	44463	1.739 ug/l	98
31) Isopropyl Ether	3.58	45	83995	1.777 ug/l	89
32) Ethyl-t-butyl ether	4.07	59	85727	1.809 ug/l	90
33) Tert-Amyl methyl ether	5.58	73	76674	1.790 ug/l	97
34) Propionitrile	4.33	54	11954	10.654 ug/l #	94
35) Benzene	5.38	78	136566	2.014 ug/l	96
36) 1,2-Dichloroethane	5.40	62	37102	1.809 ug/l #	89
37) Trichloroethene	6.18	130	40797	2.097 ug/l	86
38) 1,2-Dichloropropane	6.43	63	33611	1.906 ug/l	97
39) Methacrylonitrile	4.55	41	10031	1.746 ug/l #	88
40) Methyl acrylate	4.43	55	15522	1.790 ug/l #	90
41) Tetrahydrofuran	4.65	42	10002	3.456 ug/l #	86
42) 1-Chlorobutane	5.06	56	60186	1.832 ug/l	83

Data File : VU029674.D
Acq On : 26 Feb 2019 11:41
Operator : JC/SP
Sample : VU0226WBSD01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VU0226WBSD01

Quant Time: Feb 27 00:22:04 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U020519DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Fri Feb 08 10:52:46 2019
Response via : Initial Calibration

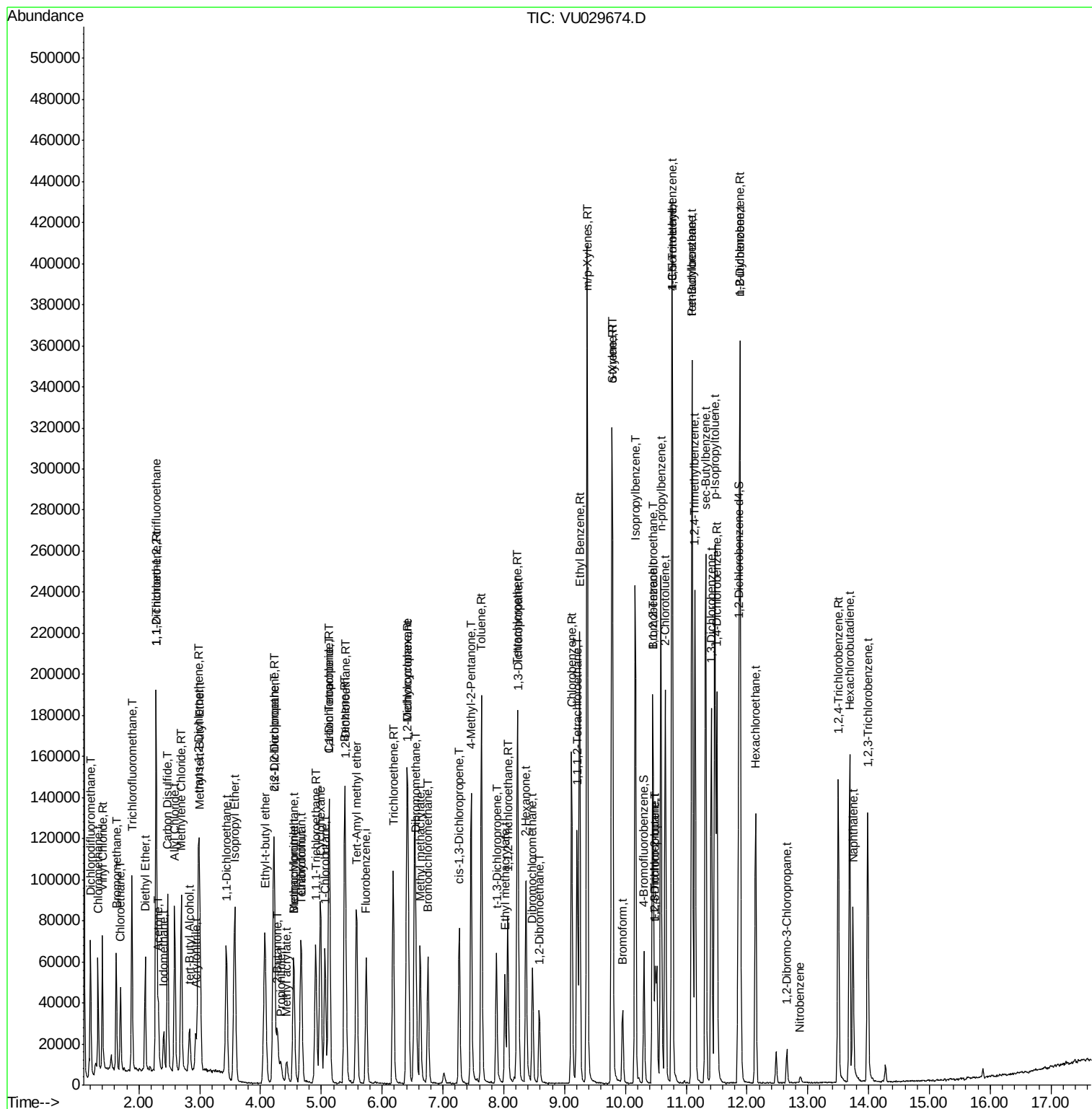
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Dibromomethane	6.56	93	18285	1.945	ug/l	93
44) Bromodichloromethane	6.75	83	42048	1.756	ug/l	96
45) 4-Methyl-2-Pentanone	7.46	43	92991	8.440	ug/l #	88
46) t-1,4-Dichloro-2-butene	10.49	75	36385	6.778	ug/l #	42
47) Methyl methacrylate	6.63	69	30950	3.743	ug/l #	70
48) Ethyl methacrylate	8.02	69	29390	1.657	ug/l	77
49) Toluene	7.63	92	85124	1.962	ug/l	97
50) t-1,3-Dichloropropene	7.88	75	37724	1.607	ug/l	92
51) cis-1,3-Dichloropropene	7.27	75	47083	1.688	ug/l #	87
52) 1,1,2-Trichloroethane	8.06	97	25990	2.089	ug/l	99
53) 1,3-Dichloropropane	8.24	76	41314	1.890	ug/l	100
54) 2-Hexanone	8.36	43	64653	8.371	ug/l	85
55) Dibromochloromethane	8.47	129	31217	1.765	ug/l	96
56) 1,2-Dibromoethane	8.58	107	24900	1.950	ug/l	100
58) Tetrachloroethene	8.22	164	39325	2.172	ug/l	90
59) Chlorobenzene	9.12	112	97389	1.993	ug/l	99
60) 1,1,1,2-Tetrachloroethane	9.21	131	33973	1.881	ug/l	96
61) Pentachloroethane	11.10	117	24029	1.717	ug/l	95
62) Hexachloroethane	12.14	117	24037	1.573	ug/l	99
63) Ethyl Benzene	9.25	91	158000	1.862	ug/l	95
64) m/p-Xylenes	9.37	106	126492	3.835	ug/l	86
65) o-Xylene	9.77	106	60475	1.868	ug/l	91
66) Styrene	9.79	104	101101	1.873	ug/l #	91
67) Bromoform	9.95	173	18123	1.647	ug/l	94
69) Isopropylbenzene	10.16	105	162342	1.877	ug/l	95
70) 1,1,2,2-Tetrachloroethane	10.45	83	32244	2.022	ug/l	99
71) 1,2,3-Trichloropropane	10.49	75	36385	3.322	ug/l #	89
72) Bromobenzene	10.45	156	42253	2.015	ug/l	85
73) n-propylbenzene	10.58	120	44473	1.846	ug/l	84
74) 2-Chlorotoluene	10.66	126	39696	1.935	ug/l	81
75) 1,3,5-Trimethylbenzene	10.77	105	135090	1.811	ug/l	93
76) 4-Chlorotoluene	10.77	126	39636	1.861	ug/l	76
77) tert-Butylbenzene	11.10	119	134597	1.826	ug/l	92
78) 1,2,4-Trimethylbenzene	11.14	105	139092	1.842	ug/l	95
79) sec-Butylbenzene	11.32	105	183075	1.898	ug/l	97
80) Nitrobenzene	12.88	77	1514	2.131	ug/l #	91
81) p-Isopropyltoluene	11.47	119	152109	1.860	ug/l	94
82) 1,3-Dichlorobenzene	11.41	146	83522	2.030	ug/l	96
83) 1,4-Dichlorobenzene	11.50	146	82554	2.015	ug/l	97
84) n-Butylbenzene	11.89	91	132229	1.762	ug/l	96
85) 1,2-Dichlorobenzene	11.88	146	77425	1.991	ug/l	98
86) 1,2-Dibromo-3-Chloropropan	12.66	75	4443	1.493	ug/l #	61
87) 1,2,4-Trichlorobenzene	13.50	180	51858	1.898	ug/l	97
88) Hexachlorobutadiene	13.69	225	32228	2.037	ug/l	99
89) Naphthalene	13.74	128	81924	1.768	ug/l	98
90) 1,2,3-Trichlorobenzene	13.99	180	48489	1.942	ug/l	96

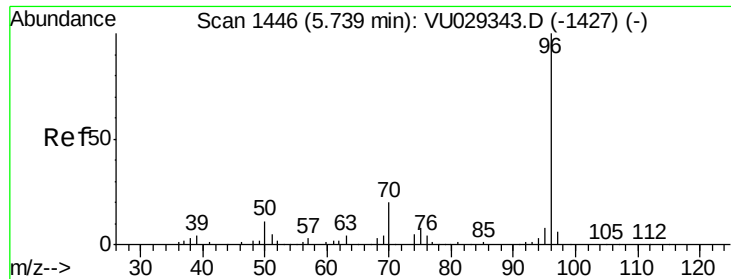
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VU029674.D
Acq On : 26 Feb 2019 11:41
Operator : JC/SP
Sample : VU0226WBSD01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VU0226WBSD01

Quant Time: Feb 27 00:22:04 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





#1

Fluorobenzene

Concen: 1.000 ug/l

RT: 5.74 min Scan# 1446

Delta R.T. 0.00 min

Lab File: VU029674.D

Acq: 26 Feb 2019 11:41

Instrument :

MSVOA_U

ClientSampleId :

VU0226WBSD01

Tgt Ion: 96 Resp: 61290

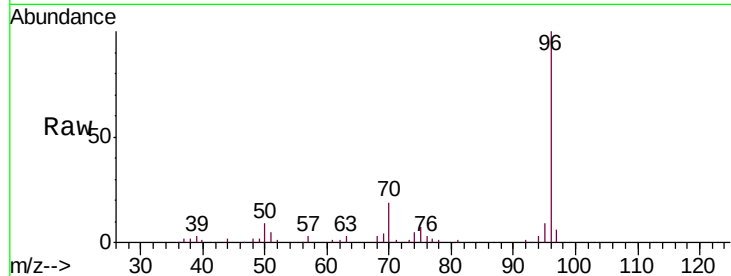
Ion Ratio Lower Upper

96 100

70 18.7 16.2 24.2

95 8.9 7.4 11.2

97 5.8 0.0 0.0#

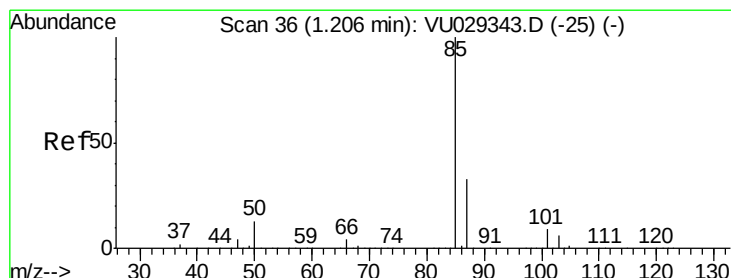
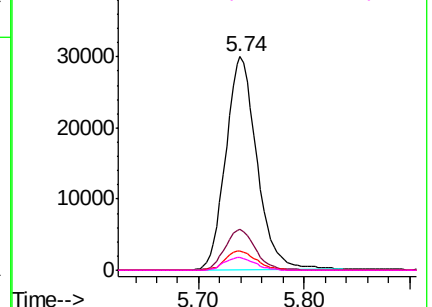
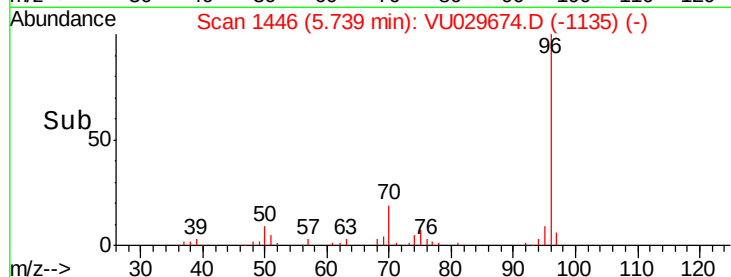


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 70.00 (69.70 to 70.70): VU0

Ion 95.00 (94.70 to 95.70): VU0

Ion 97.00 (96.70 to 97.70): VU0



#2

Dichlorodifluoromethane

Concen: 1.798 ug/l

RT: 1.21 min Scan# 36

Delta R.T. 0.00 min

Lab File: VU029674.D

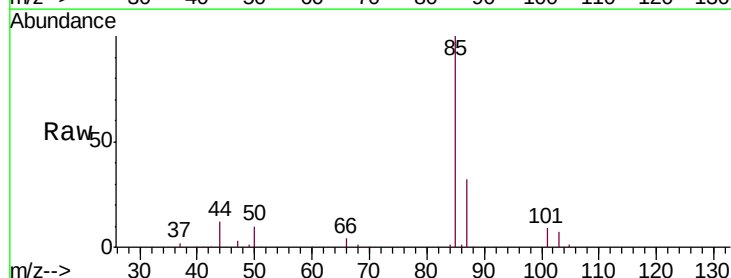
Acq: 26 Feb 2019 11:41

Tgt Ion: 85 Resp: 41121

Ion Ratio Lower Upper

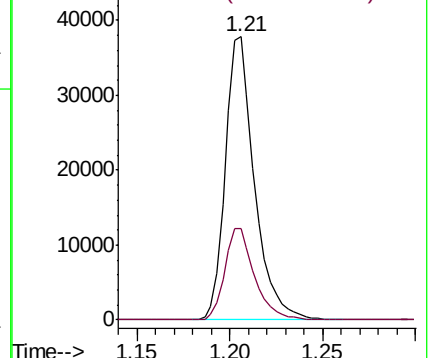
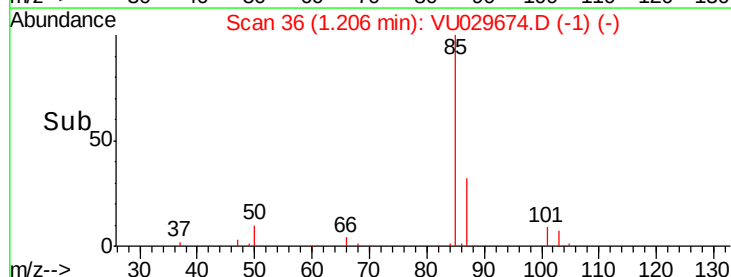
85 100

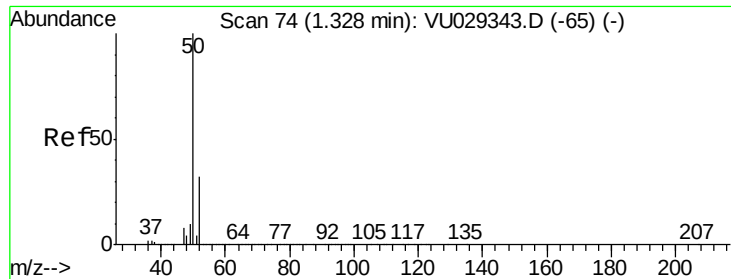
87 32.4 15.9 47.6



Abundance Ion 85.00 (84.70 to 85.70): VU0

Ion 87.00 (86.70 to 87.70): VU0





#3

Chloromethane

Concen: 1.649 ug/l

RT: 1.33 min Scan# 74

Delta R.T. 0.00 min

Lab File: VU029674.D

Acq: 26 Feb 2019 11:41

Instrument :

MSVOA_U

ClientSampleId :

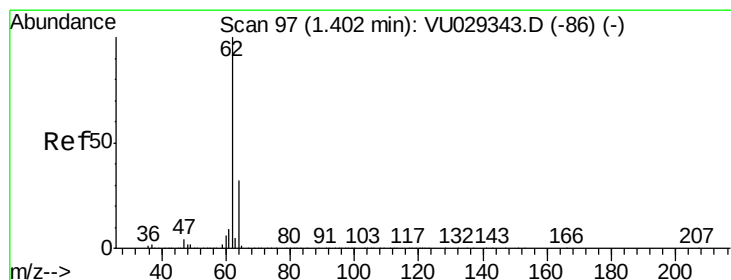
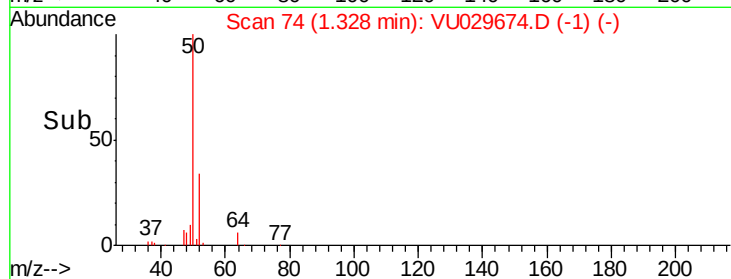
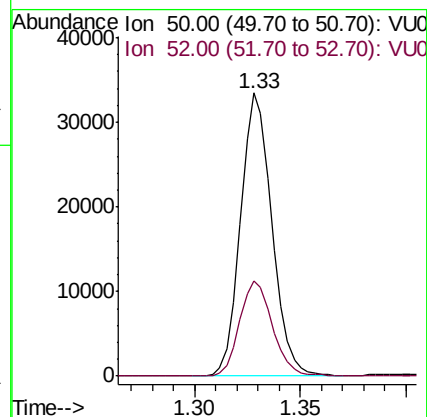
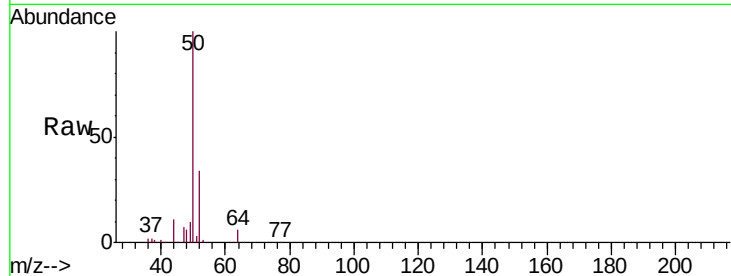
VU0226WBSD01

Tgt Ion: 50 Resp: 34471

Ion Ratio Lower Upper

50 100

52 33.8 27.3 40.9



#4

Vinyl Chloride

Concen: 1.762 ug/l

RT: 1.40 min Scan# 97

Delta R.T. 0.00 min

Lab File: VU029674.D

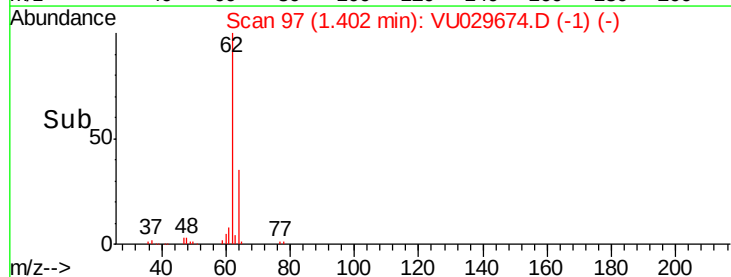
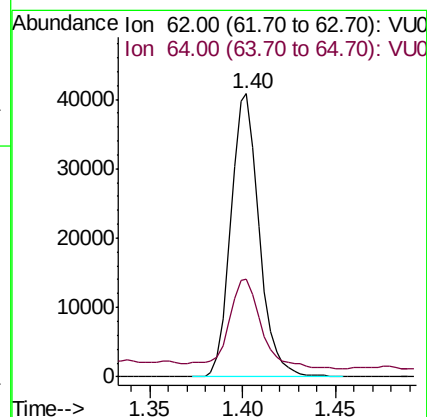
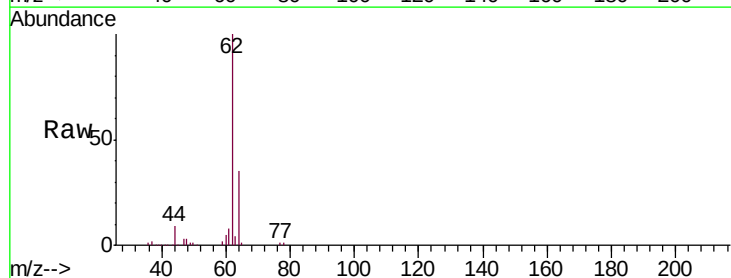
Acq: 26 Feb 2019 11:41

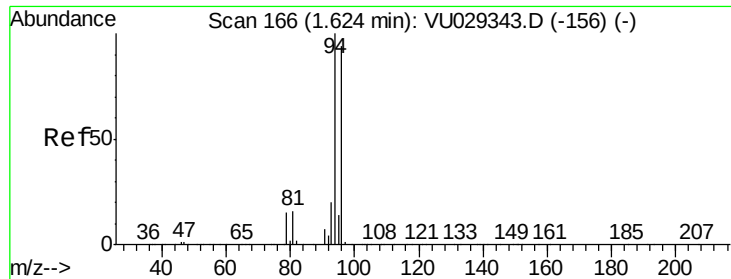
Tgt Ion: 62 Resp: 43177

Ion Ratio Lower Upper

62 100

64 31.8 25.2 37.8





#5

Bromomethane

Concen: 1.984 ug/l

RT: 1.63 min Scan# 167

Delta R.T. 0.00 min

Lab File: VU029674.D

Acq: 26 Feb 2019 11:41

Instrument :

MSVOA_U

ClientSampleId :

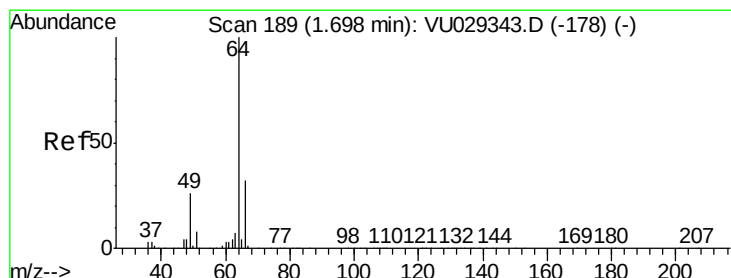
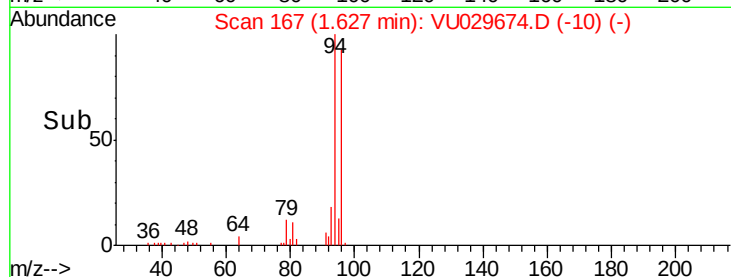
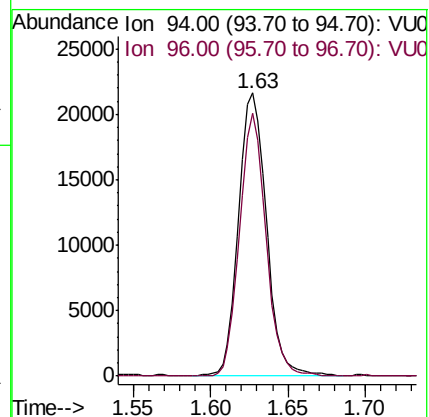
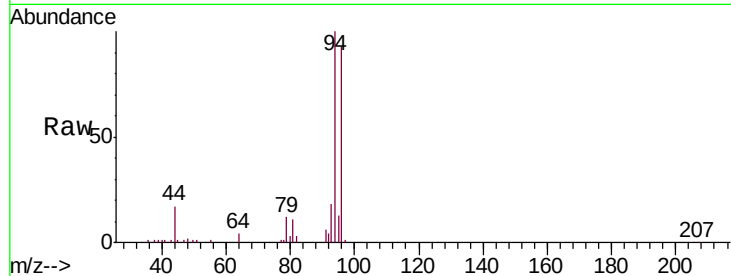
VU0226WBSD01

Tgt Ion: 94 Resp: 27042

Ion Ratio Lower Upper

94 100

96 92.8 71.7 107.5



#6

Chloroethane

Concen: 1.823 ug/l

RT: 1.70 min Scan# 189

Delta R.T. 0.00 min

Lab File: VU029674.D

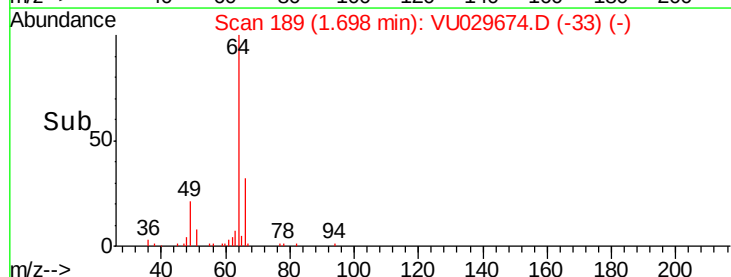
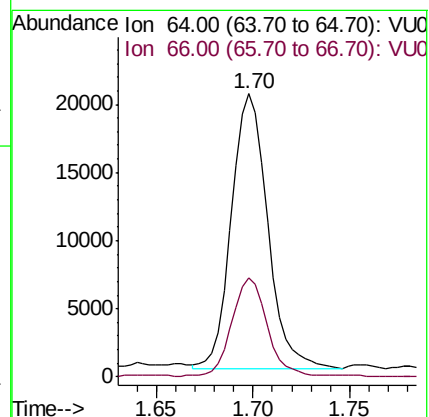
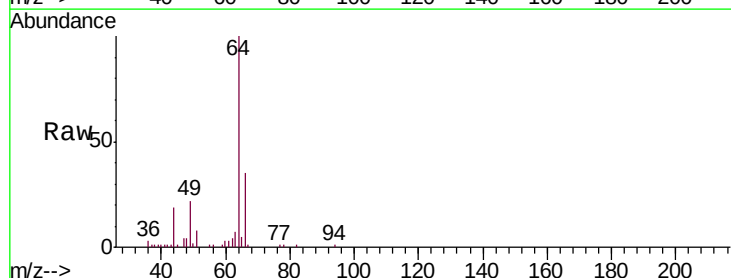
Acq: 26 Feb 2019 11:41

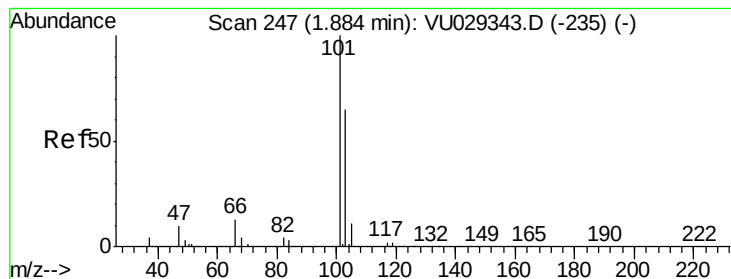
Tgt Ion: 64 Resp: 26099

Ion Ratio Lower Upper

64 100

66 35.4 26.3 39.5



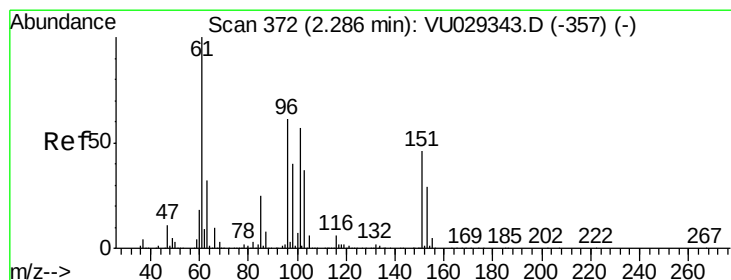
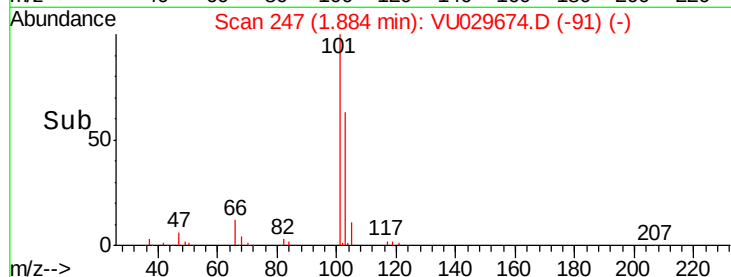
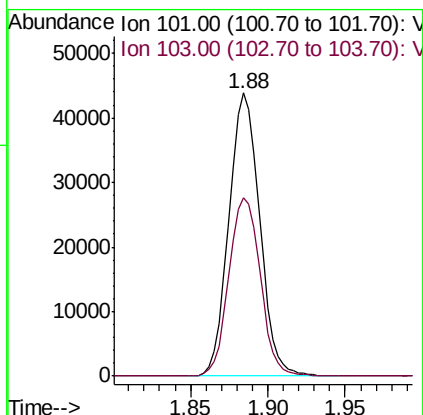
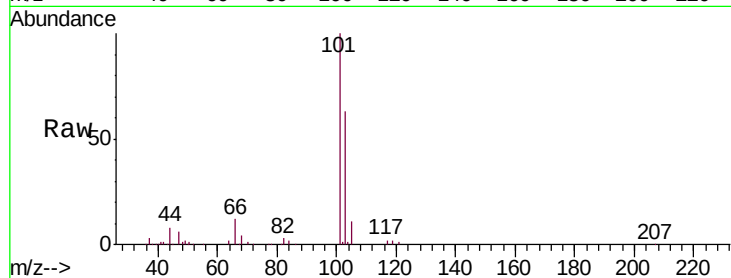


#7

Trichlorofluoromethane
 Concen: 1.766 ug/l
 RT: 1.88 min Scan# 247
 Delta R.T. 0.00 min
 Lab File: VU029674.D
 Acq: 26 Feb 2019 11:41

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0226WBSD01

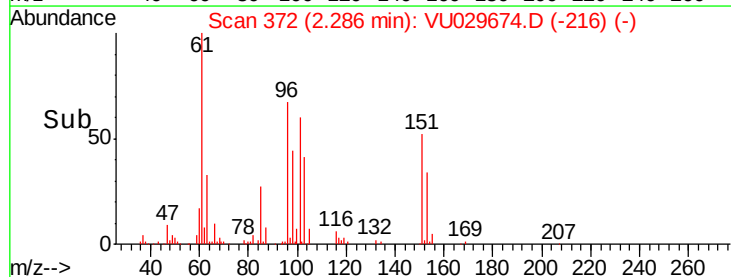
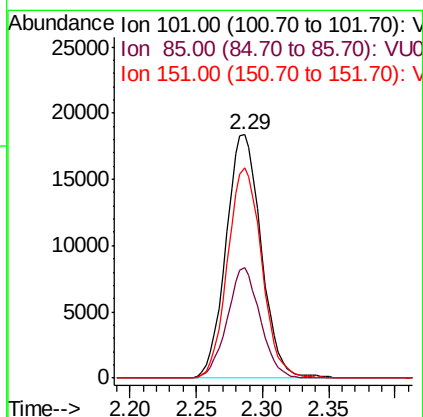
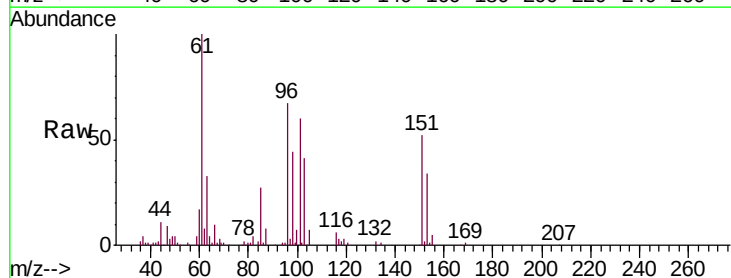
Tgt Ion:101 Resp: 60430
 Ion Ratio Lower Upper
 101 100
 103 63.2 53.9 80.9

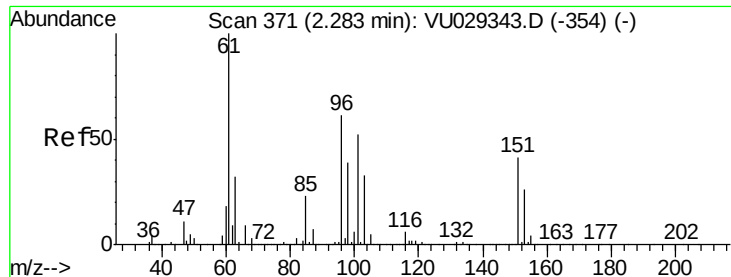


#8

1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 1.874 ug/l
 RT: 2.29 min Scan# 372
 Delta R.T. 0.00 min
 Lab File: VU029674.D
 Acq: 26 Feb 2019 11:41

Tgt Ion:101 Resp: 33851
 Ion Ratio Lower Upper
 101 100
 85 42.6 40.3 60.5
 151 83.8 58.1 87.1





#9

1,1-Dichloroethene

Concen: 1.868 ug/l

RT: 2.28 min Scan# 371

Delta R.T. 0.00 min

Lab File: VU029674.D

Acq: 26 Feb 2019 11:41

Instrument :

MSVOA_U

ClientSampleId :

VU0226WBSD01

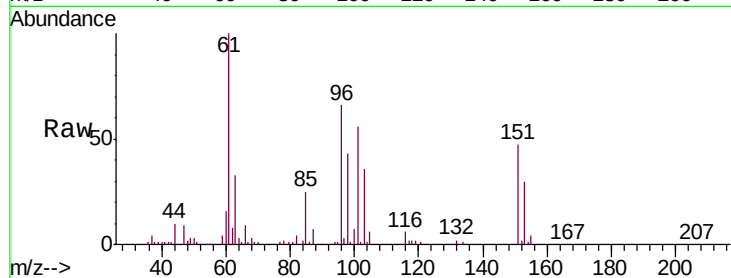
Tgt Ion: 96 Resp: 33023

Ion Ratio Lower Upper

96 100

61 152.0 0.0 641.4

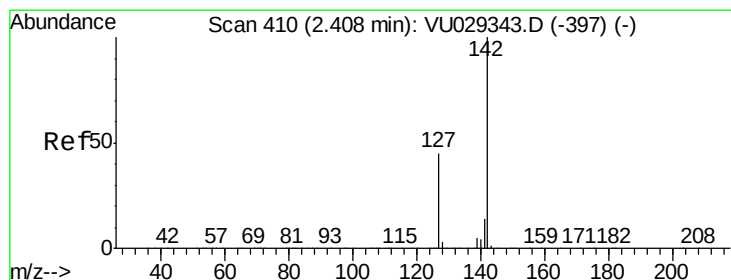
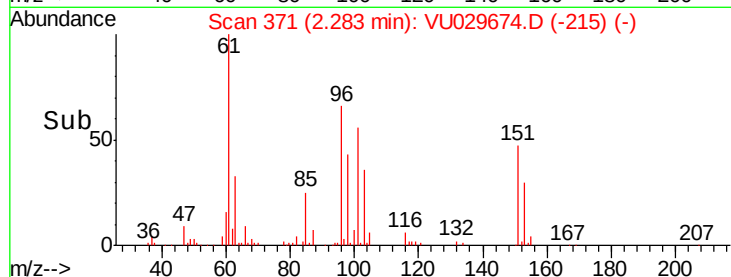
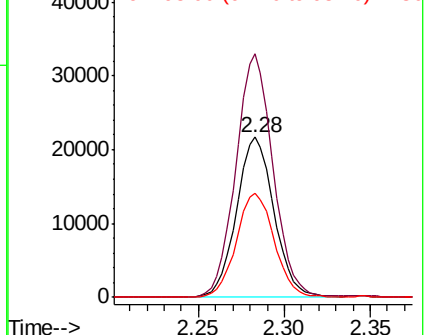
98 64.6 0.0 122.6



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: 0.979 ug/l

RT: 2.41 min Scan# 410

Delta R.T. 0.00 min

Lab File: VU029674.D

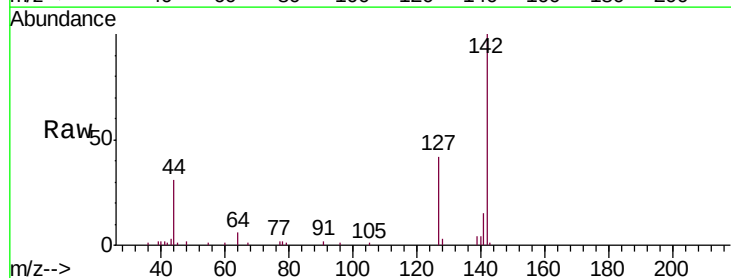
Acq: 26 Feb 2019 11:41

Tgt Ion: 142 Resp: 18518

Ion Ratio Lower Upper

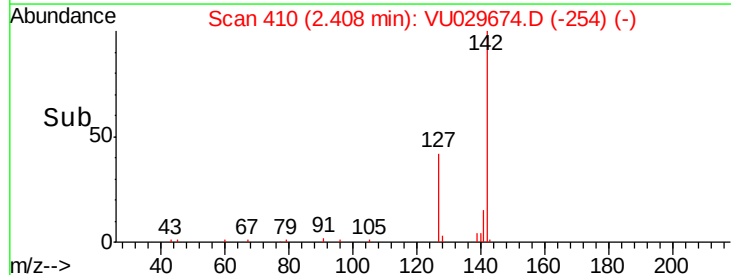
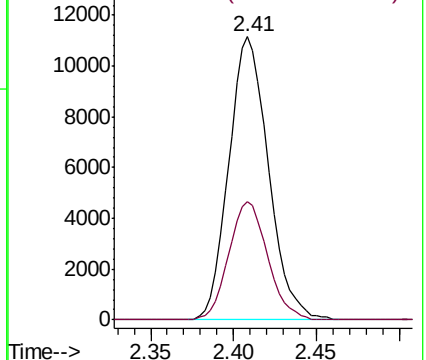
142 100

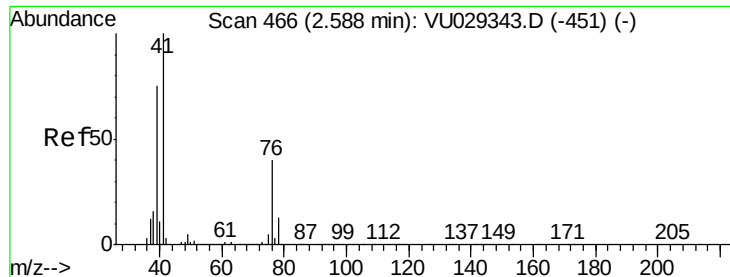
127 40.8 47.6 71.4#



Abundance Ion 142.00 (141.70 to 142.70): V

Ion 127.00 (126.70 to 127.70): V





#11

Allyl Chloride

Concen: 1.556 ug/l

RT: 2.59 min Scan# 466

Delta R.T. 0.00 min

Lab File: VU029674.D

Acq: 26 Feb 2019 11:41

Instrument :

MSVOA_U

ClientSampleId :

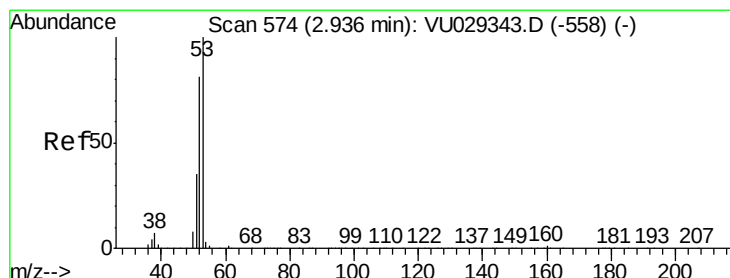
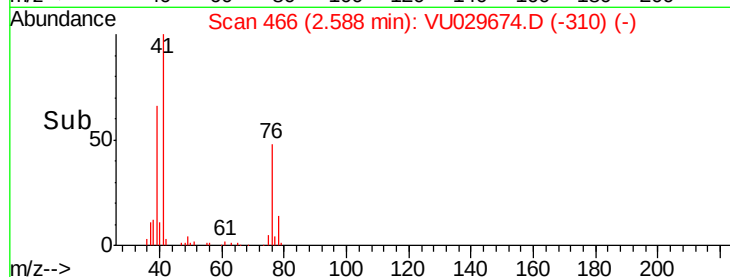
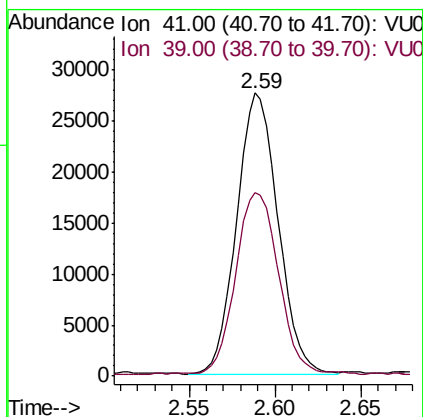
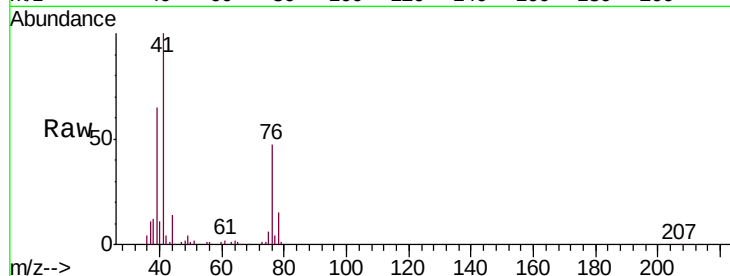
VU0226WBSD01

Tgt Ion: 41 Resp: 46145

Ion Ratio Lower Upper

41 100

39 65.9 67.2 100.8#



#12

Acrylonitrile

Concen: 3.615 ug/l

RT: 2.94 min Scan# 574

Delta R.T. 0.00 min

Lab File: VU029674.D

Acq: 26 Feb 2019 11:41

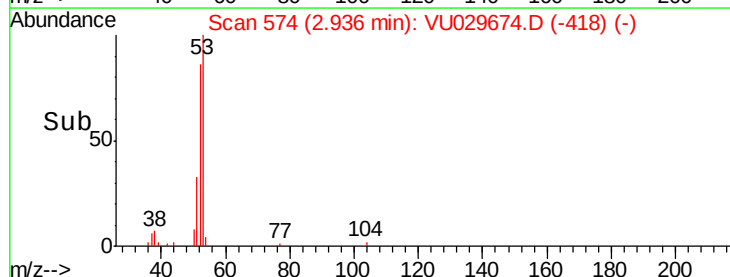
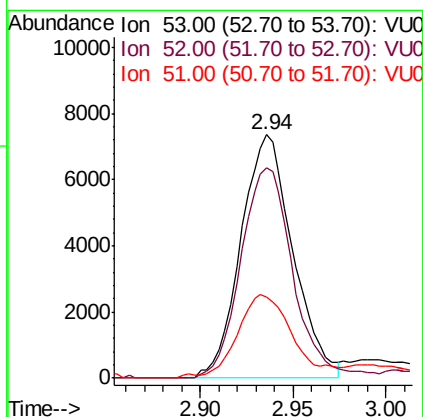
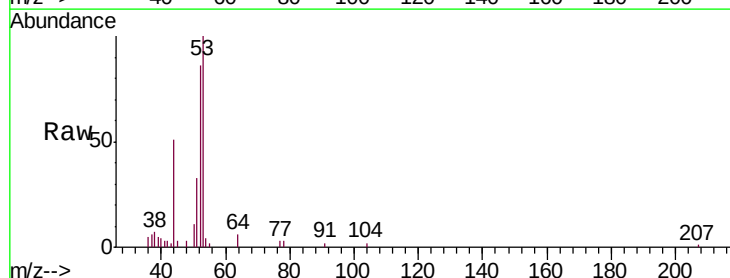
Tgt Ion: 53 Resp: 14325

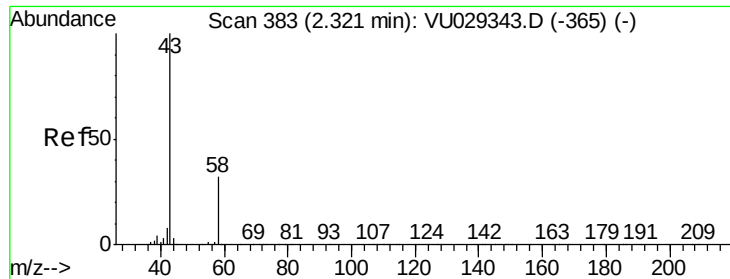
Ion Ratio Lower Upper

53 100

52 86.8 67.6 101.4

51 36.4 31.0 46.4





#13

Acetone

Concen: 7.946 ug/l

RT: 2.32 min Scan# 382

Delta R.T. -0.00 min

Lab File: VU029674.D

Acq: 26 Feb 2019 11:41

Instrument :

MSVOA_U

ClientSampleId :

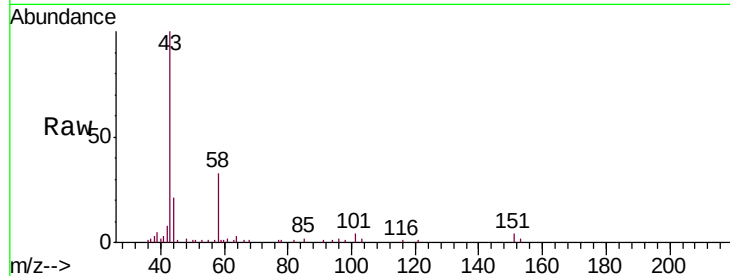
VU0226WBSD01

Tgt Ion: 43 Resp: 30349

Ion Ratio Lower Upper

43 100

58 33.2 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) (-)

20000

15000

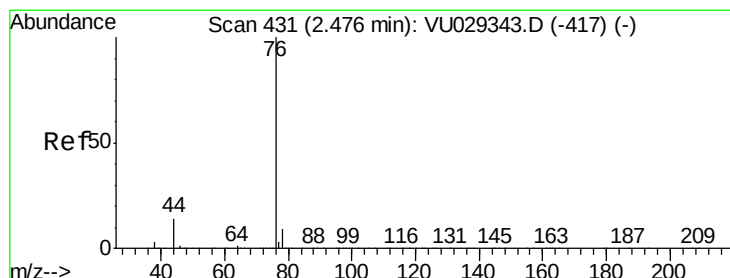
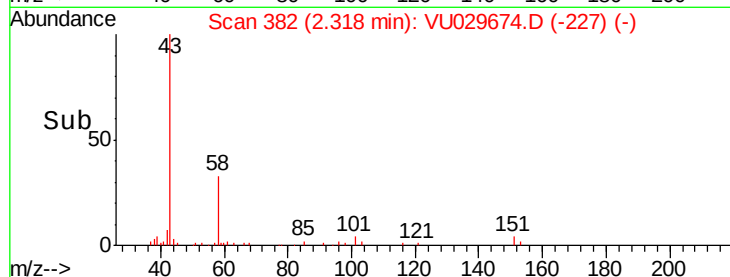
10000

5000

0

2.20 2.25 2.30 2.35 2.40

Time-->



#14

Carbon Disulfide

Concen: 1.724 ug/l

RT: 2.47 min Scan# 430

Delta R.T. -0.00 min

Lab File: VU029674.D

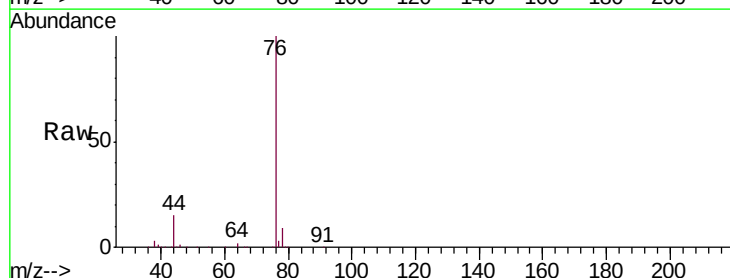
Acq: 26 Feb 2019 11:41

Tgt Ion: 76 Resp: 107646

Ion Ratio Lower Upper

76 100

78 8.5 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) (-)

80000

60000

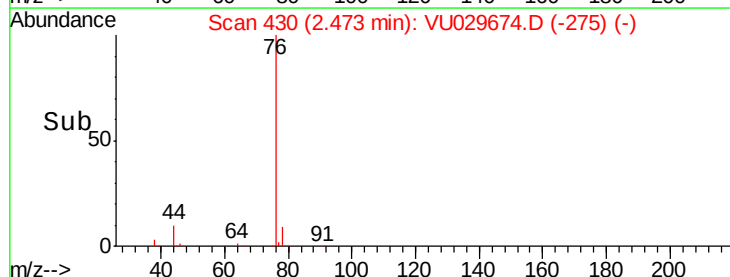
40000

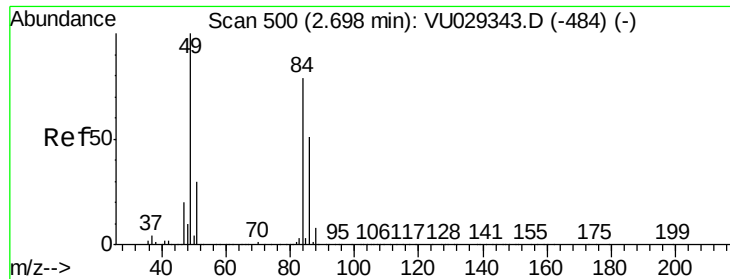
20000

0

2.40 2.45 2.50 2.55

Time-->

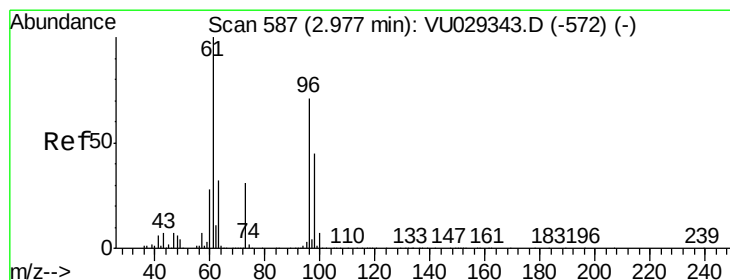
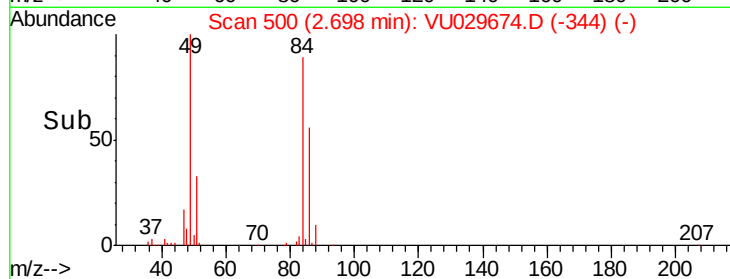
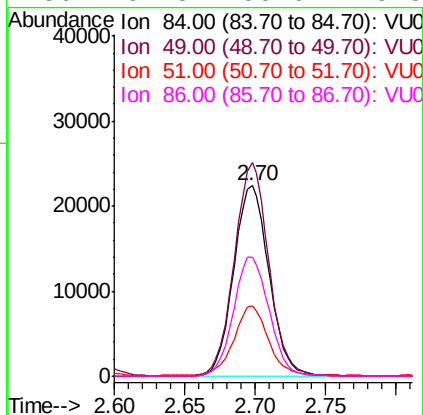
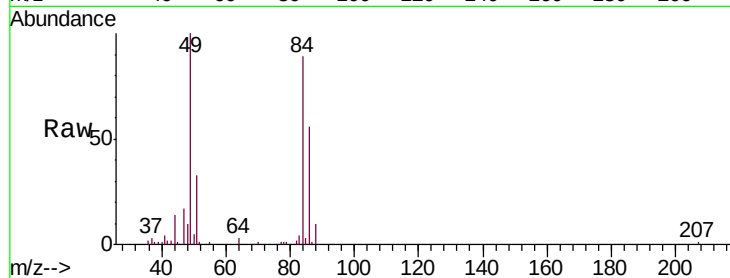




#15
Methylene Chloride
Concen: 1.839 ug/l
RT: 2.70 min Scan# 500
Delta R.T. 0.00 min
Lab File: VU029674.D
Acq: 26 Feb 2019 11:41

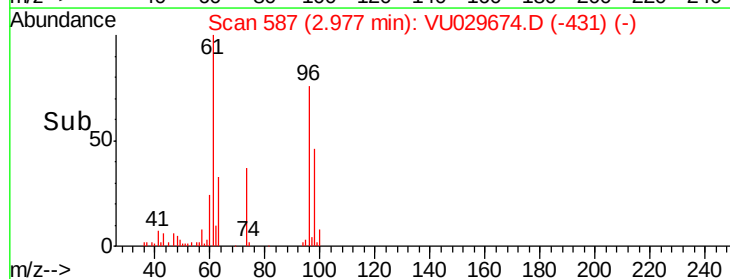
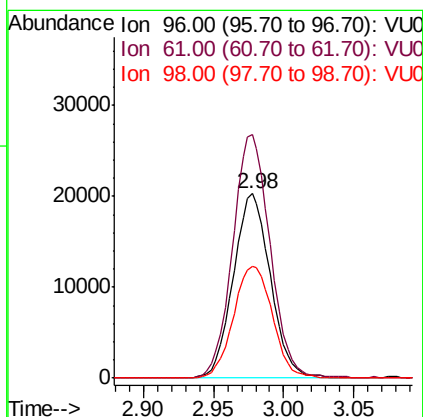
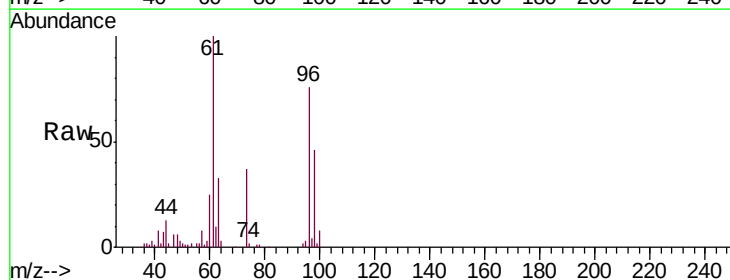
Instrument :
MSVOA_U
ClientSampleId :
VU0226WBSD01

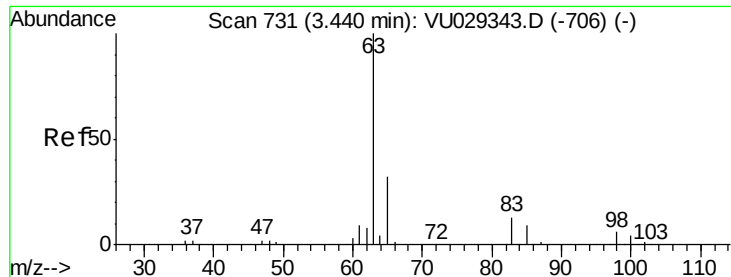
Tgt Ion:	84	Resp:	39431
Ion	Ratio	Lower	Upper
84	100		
49	112.2	127.0	190.6#
51	36.5	0.0	93.4
86	62.8	50.6	75.8



#16
trans-1,2-Dichloroethene
Concen: 1.888 ug/l
RT: 2.98 min Scan# 587
Delta R.T. 0.00 min
Lab File: VU029674.D
Acq: 26 Feb 2019 11:41

Tgt Ion:	96	Resp:	37337
Ion	Ratio	Lower	Upper
96	100		
61	132.1	140.6	210.8#
98	60.7	49.3	73.9

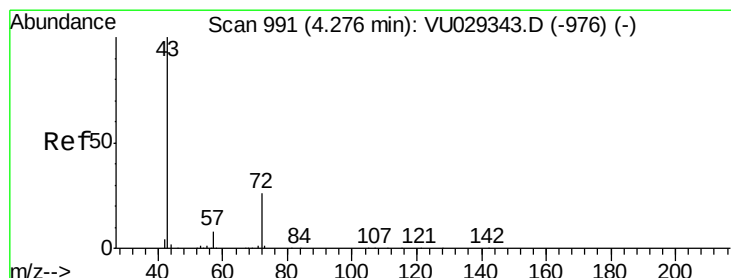
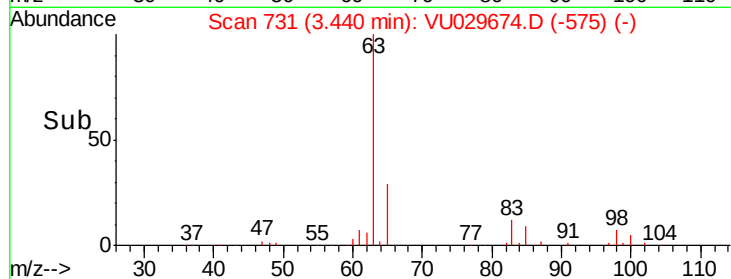
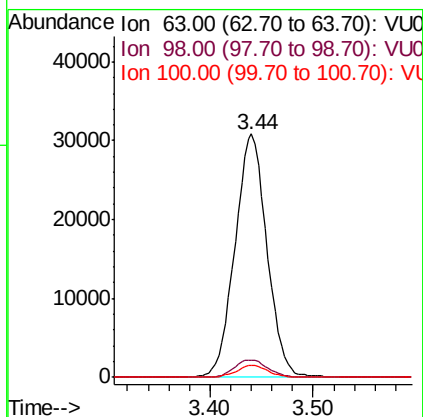
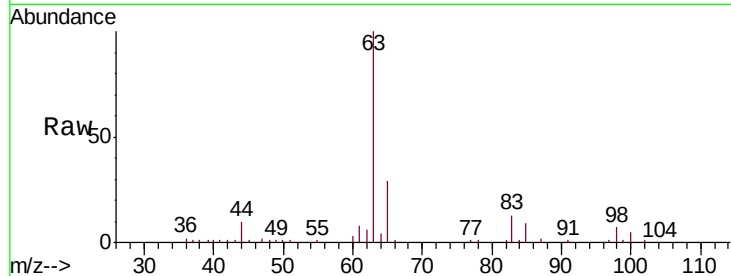




#17
 1,1-Dichloroethane
 Concen: 2.123 ug/l
 RT: 3.44 min Scan# 731
 Delta R.T. 0.00 min
 Lab File: VU029674.D
 Acq: 26 Feb 2019 11:41

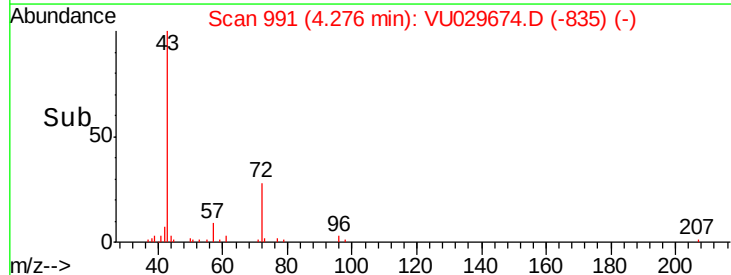
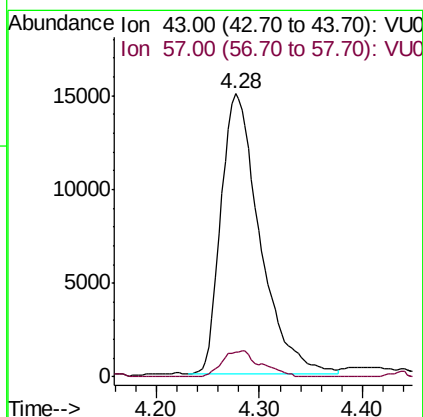
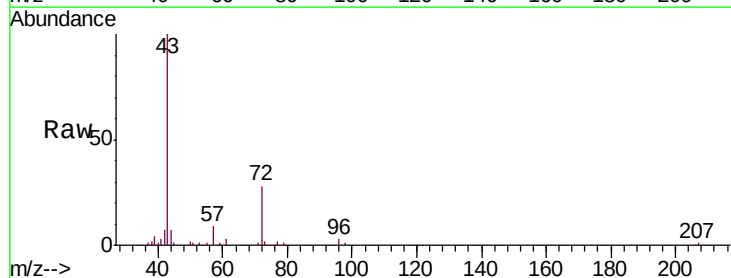
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0226WBSD01

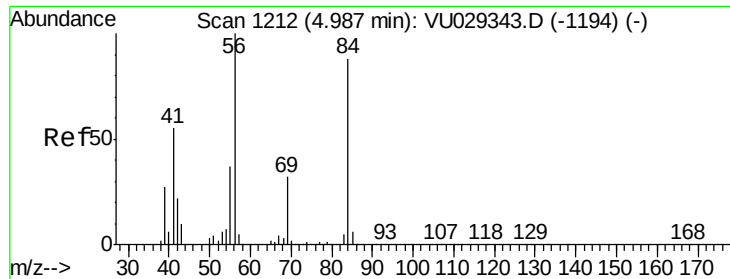
Tgt Ion: 63 Resp: 66509
 Ion Ratio Lower Upper
 63 100
 98 7.1 2.9 8.8
 100 4.9 1.7 5.1



#18
 2-Butanone
 Concen: 9.184 ug/l
 RT: 4.28 min Scan# 991
 Delta R.T. 0.00 min
 Lab File: VU029674.D
 Acq: 26 Feb 2019 11:41

Tgt Ion: 43 Resp: 39202
 Ion Ratio Lower Upper
 43 100
 57 8.7 0.0 15.8

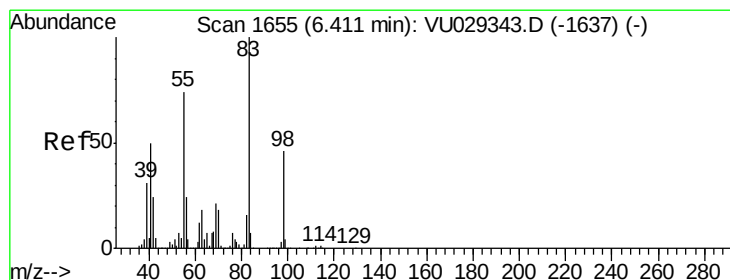
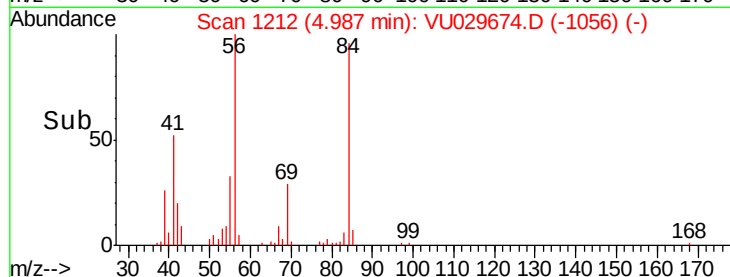
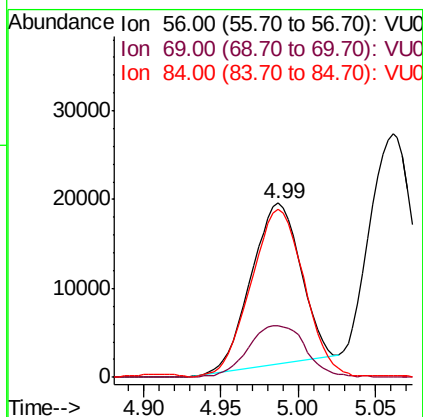
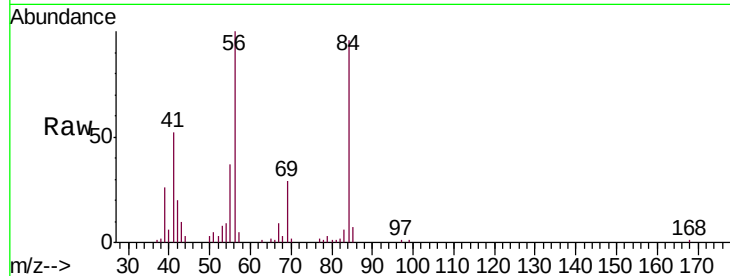




#19
Cyclohexane
Concen: 1.396 ug/l
RT: 4.99 min Scan# 1212
Delta R.T. 0.00 min
Lab File: VU029674.D
Acq: 26 Feb 2019 11:41

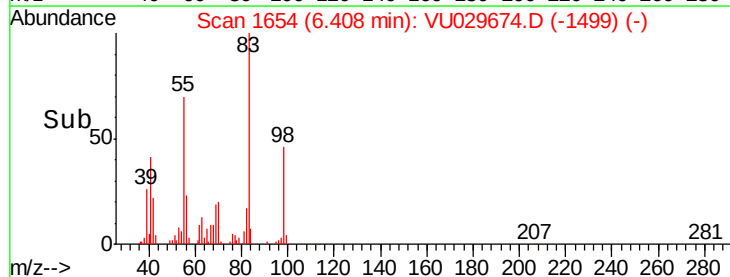
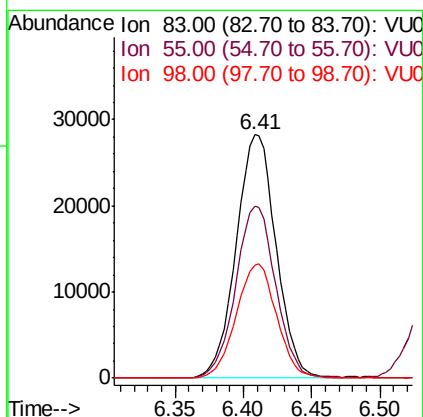
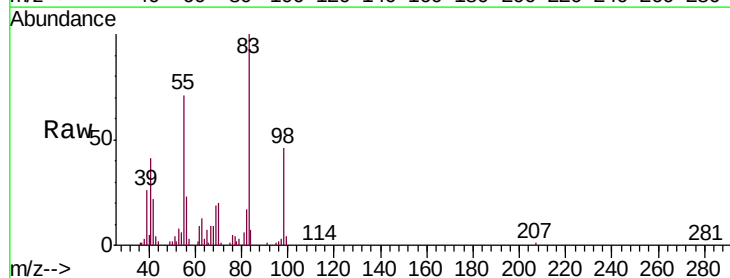
Instrument :
MSVOA_U
ClientSampleId :
VU0226WBSD01

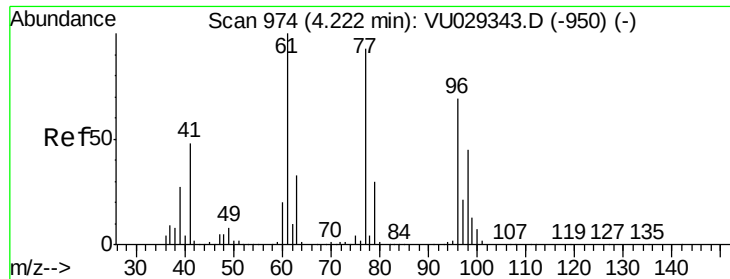
Tgt Ion: 56 Resp: 40540
Ion Ratio Lower Upper
56 100
69 37.2 26.8 40.2
84 111.4 71.5 107.3#



#20
Methylcyclohexane
Concen: 1.883 ug/l
RT: 6.41 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VU029674.D
Acq: 26 Feb 2019 11:41

Tgt Ion: 83 Resp: 57467
Ion Ratio Lower Upper
83 100
55 70.9 72.4 108.6#
98 47.4 36.6 54.8





#21

2,2-Dichloropropane

Concen: 1.716 ug/l

RT: 4.22 min Scan# 973

Delta R.T. -0.00 min

Lab File: VU029674.D

Acq: 26 Feb 2019 11:41

Instrument :

MSVOA_U

ClientSampleId :

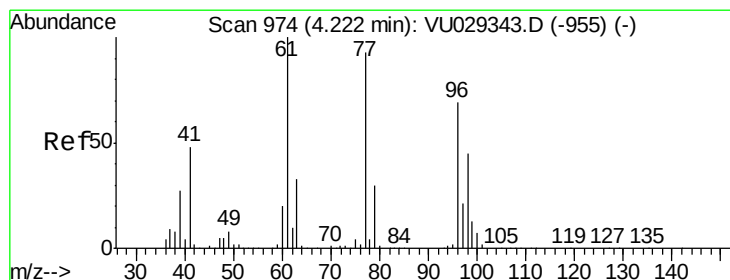
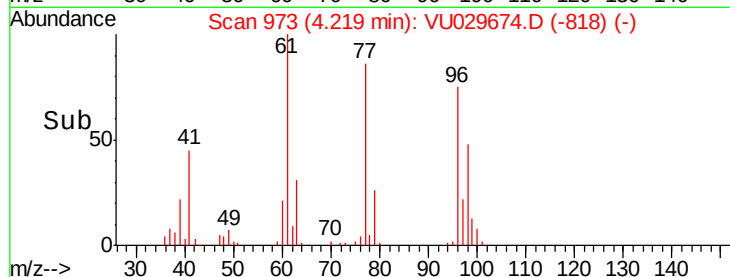
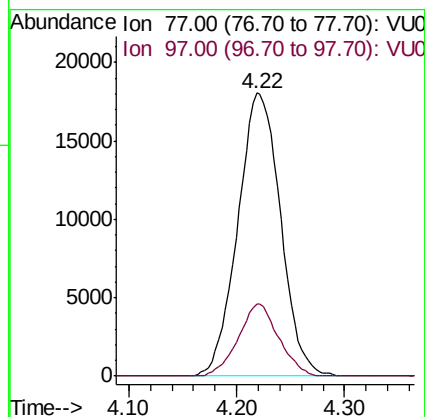
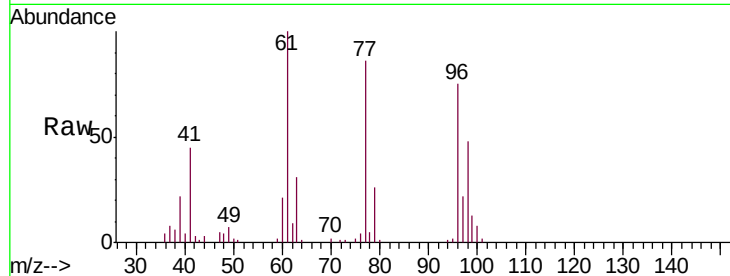
VU0226WBSD01

Tgt Ion: 77 Resp: 49753

Ion Ratio Lower Upper

77 100

97 23.9 15.6 23.4#



#22

cis-1,2-Dichloroethene

Concen: 2.099 ug/l

RT: 4.22 min Scan# 973

Delta R.T. -0.00 min

Lab File: VU029674.D

Acq: 26 Feb 2019 11:41

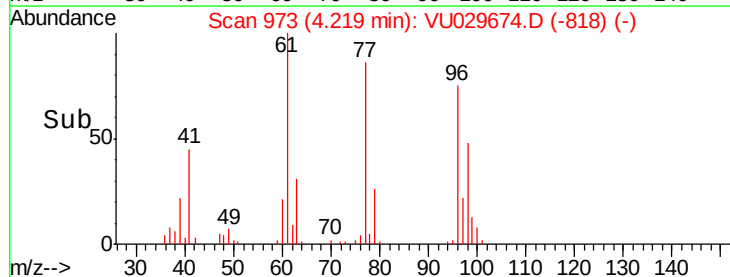
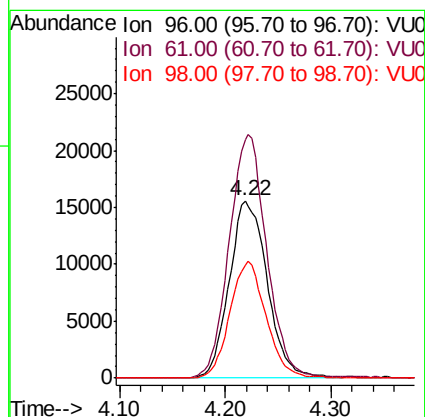
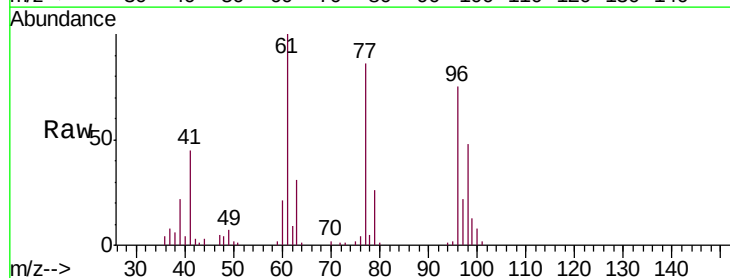
Tgt Ion: 96 Resp: 39086

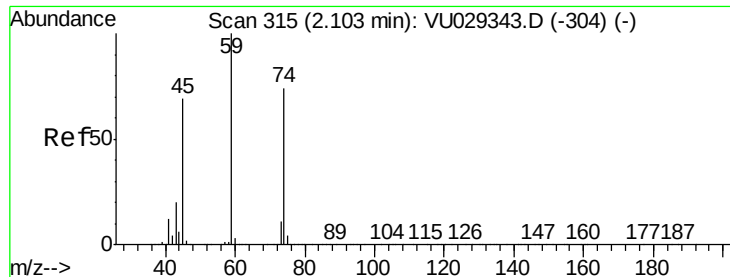
Ion Ratio Lower Upper

96 100

61 134.2 0.0 460.0

98 62.4 32.6 97.7





#23

Diethyl Ether

Concen: 1.759 ug/l

RT: 2.10 min Scan# 315

Delta R.T. 0.00 min

Lab File: VU029674.D

Acq: 26 Feb 2019 11:41

Instrument :

MSVOA_U

ClientSampleId :

VU0226WBSD01

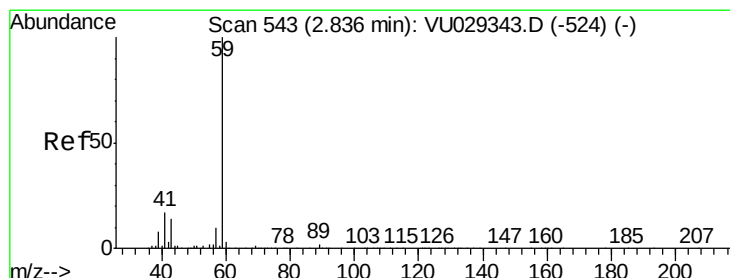
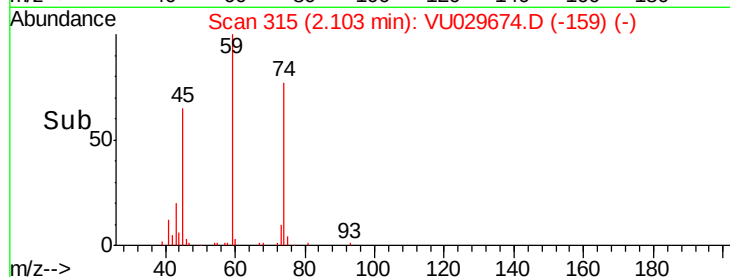
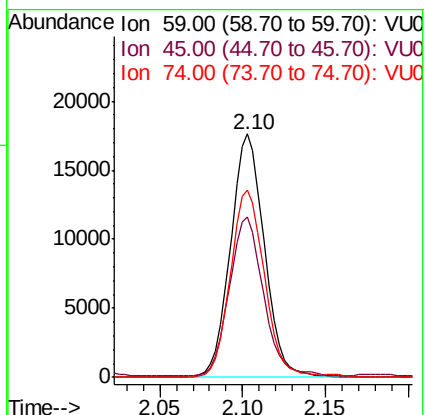
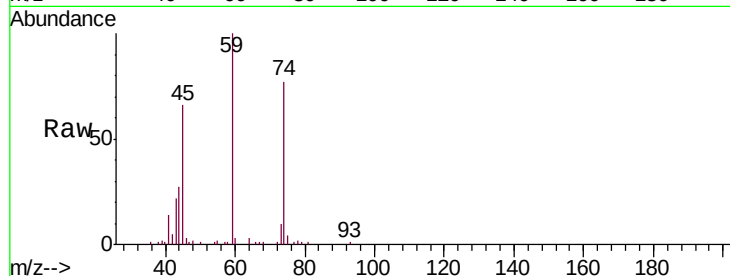
Tgt Ion: 59 Resp: 24981

Ion Ratio Lower Upper

59 100

45 65.2 64.2 96.4

74 77.6 55.3 82.9



#24

tert-Butyl Alcohol

Concen: 17.380 ug/l

RT: 2.84 min Scan# 543

Delta R.T. 0.00 min

Lab File: VU029674.D

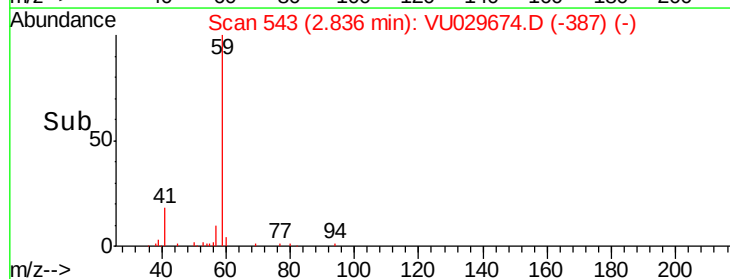
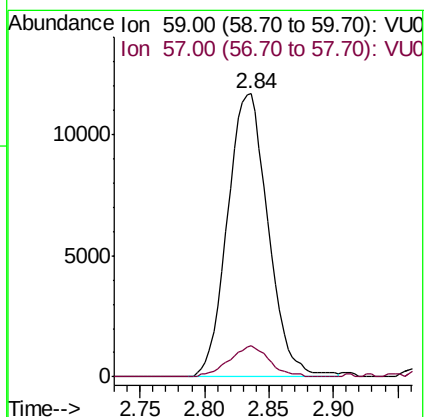
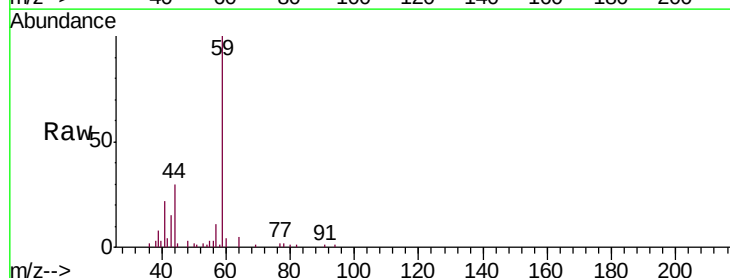
Acq: 26 Feb 2019 11:41

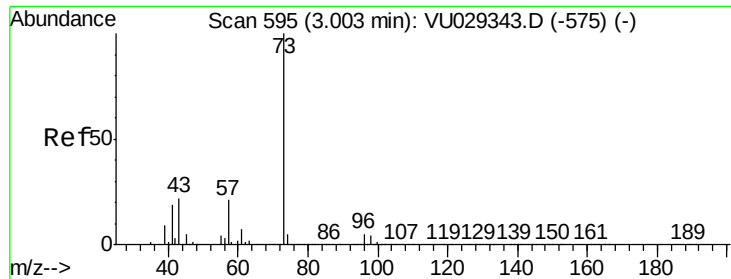
Tgt Ion: 59 Resp: 25644

Ion Ratio Lower Upper

59 100

57 10.9 8.8 13.2





#25

Methyl tert-Butyl Ether

Concen: 1.724 ug/l

RT: 3.00 min Scan# 595

Delta R.T. 0.00 min

Lab File: VU029674.D

Acq: 26 Feb 2019 11:41

Instrument :

MSVOA_U

ClientSampleId :

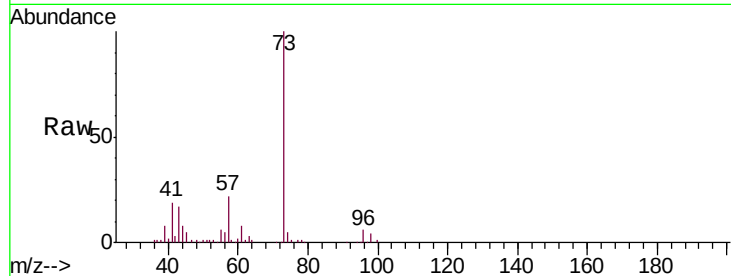
VU0226WBSD01

Tgt Ion: 73 Resp: 85836

Ion Ratio Lower Upper

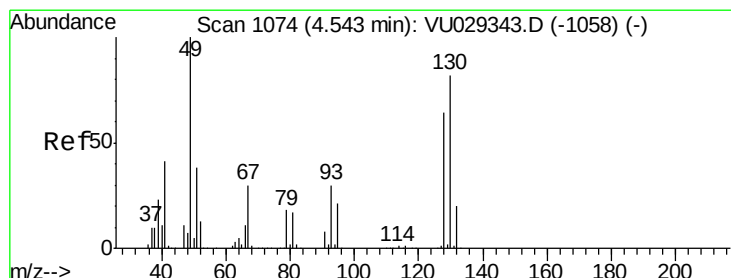
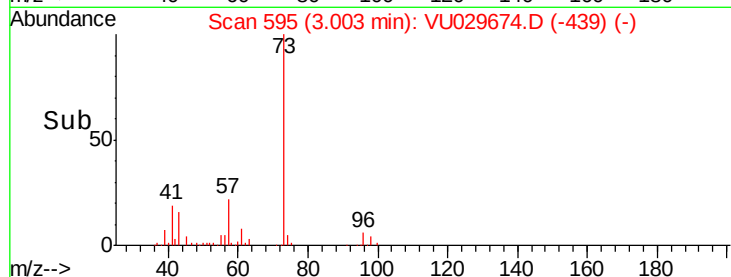
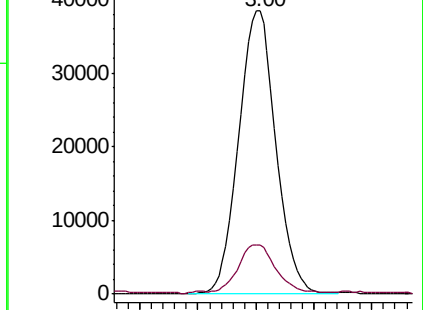
73 100

43 16.8 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) (-)



#26

Bromochloromethane

Concen: 2.098 ug/l

RT: 4.54 min Scan# 1074

Delta R.T. 0.00 min

Lab File: VU029674.D

Acq: 26 Feb 2019 11:41

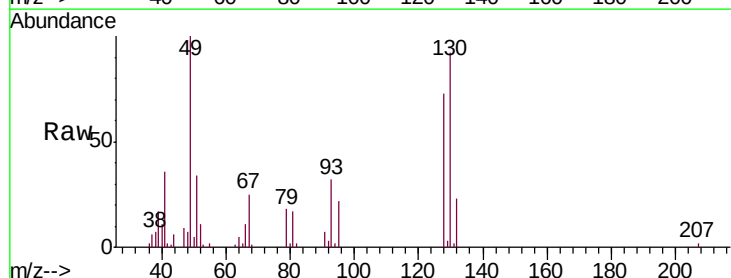
Tgt Ion: 128 Resp: 17261

Ion Ratio Lower Upper

128 100

49 132.4 0.0 401.6

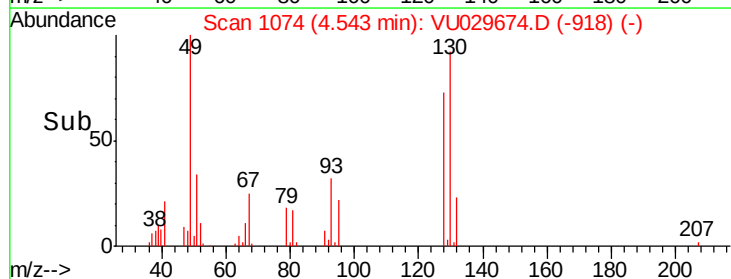
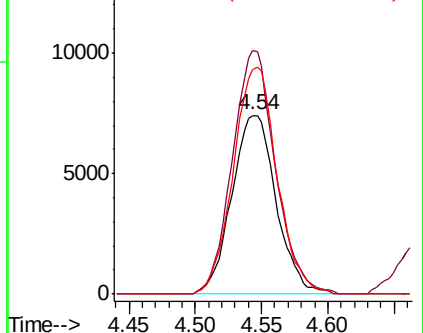
130 125.6 108.0 162.0

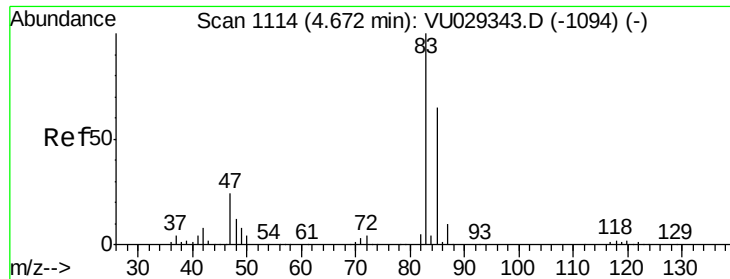


Abundance Ion 128.00 (127.70 to 128.70): VU029343.D (-1058) (-)

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

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

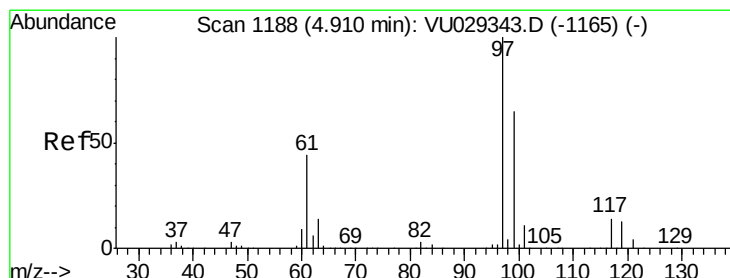
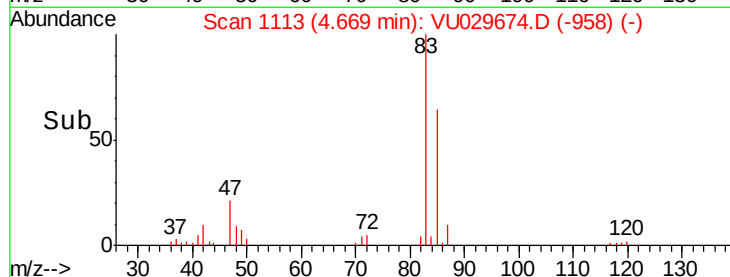
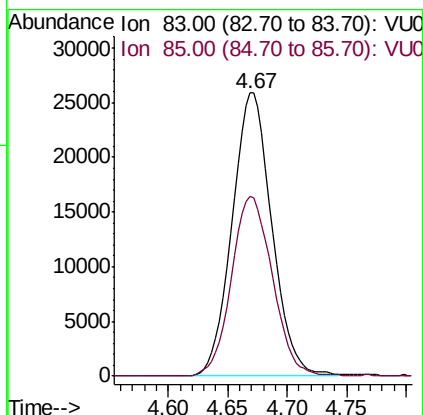
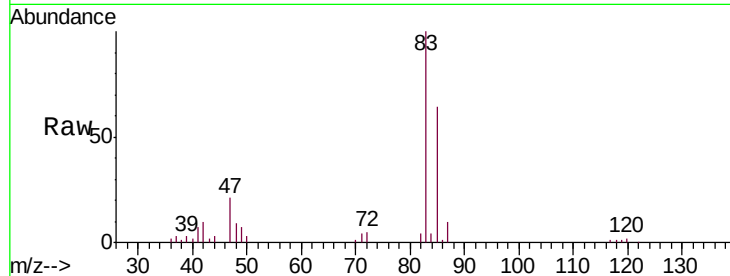




#27
Chloroform
Concen: 1.966 ug/l
RT: 4.67 min Scan# 1113
Delta R.T. -0.00 min
Lab File: VU029674.D
Acq: 26 Feb 2019 11:41

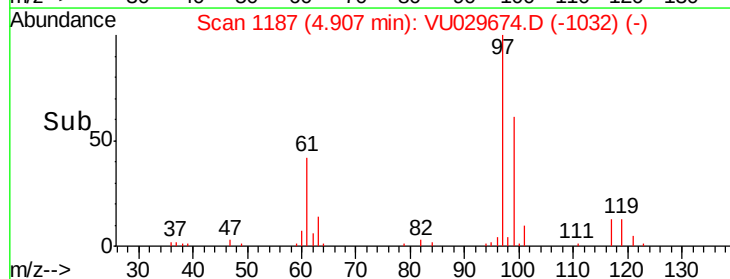
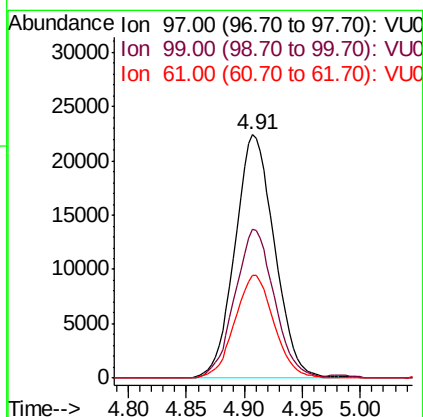
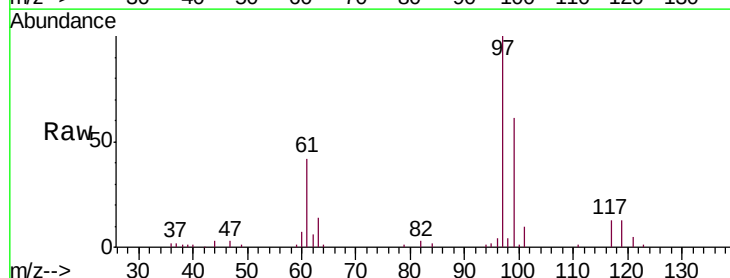
Instrument :
MSVOA_U
ClientSampleId :
VU0226WBSD01

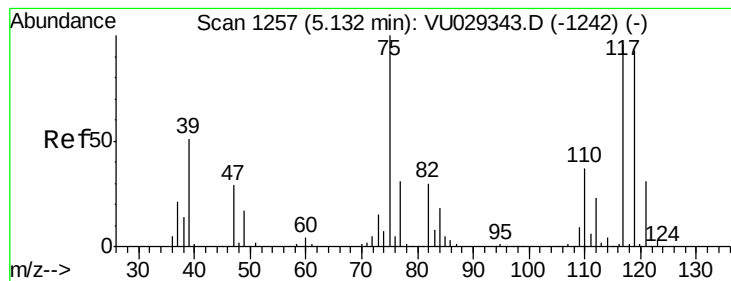
Tgt Ion: 83 Resp: 59898
Ion Ratio Lower Upper
83 100
85 63.6 0.0 126.6



#28
1,1,1-Trichloroethane
Concen: 1.884 ug/l
RT: 4.91 min Scan# 1187
Delta R.T. -0.00 min
Lab File: VU029674.D
Acq: 26 Feb 2019 11:41

Tgt Ion: 97 Resp: 53201
Ion Ratio Lower Upper
97 100
99 61.1 32.4 97.2
61 41.8 24.4 73.2





#29

1,1-Dichloropropene

Concen: 1.854 ug/l

RT: 5.13 min Scan# 1256

Delta R.T. -0.00 min

Lab File: VU029674.D

Acq: 26 Feb 2019 11:41

Instrument :

MSVOA_U

ClientSampleId :

VU0226WBSD01

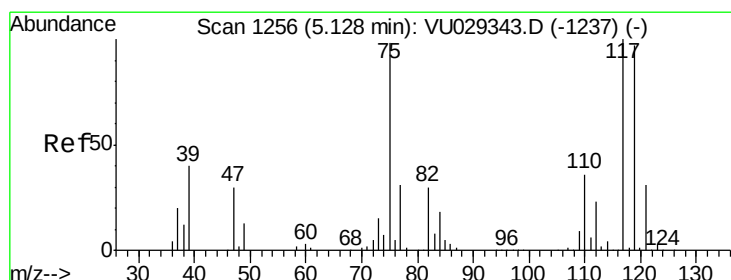
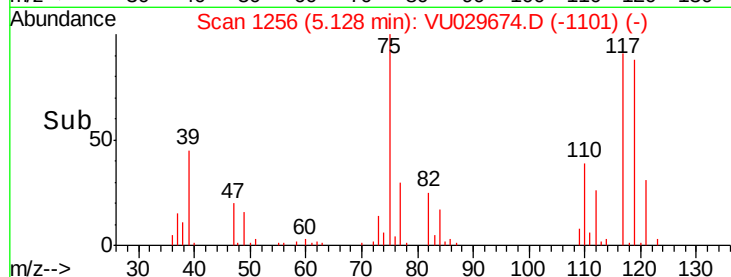
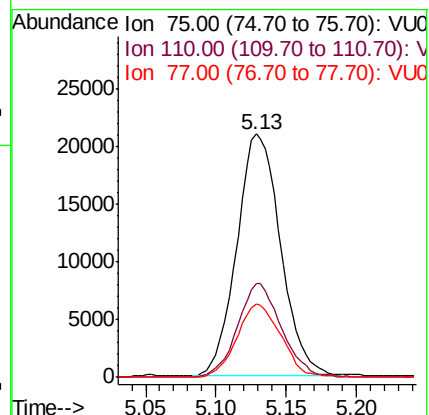
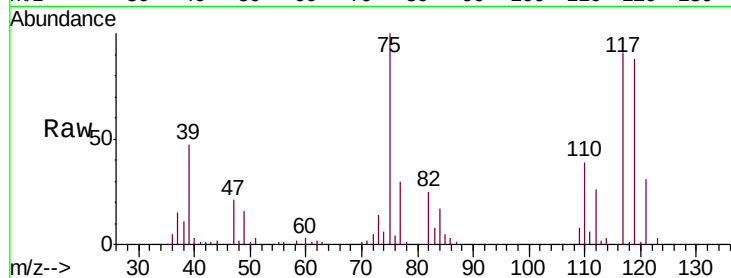
Tgt Ion: 75 Resp: 45459

Ion Ratio Lower Upper

75 100

110 38.7 15.4 46.2

77 30.5 24.1 36.1



#30

Carbon Tetrachloride

Concen: 1.739 ug/l

RT: 5.13 min Scan# 1255

Delta R.T. -0.00 min

Lab File: VU029674.D

Acq: 26 Feb 2019 11:41

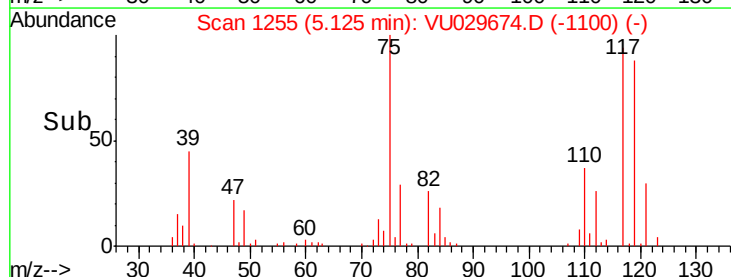
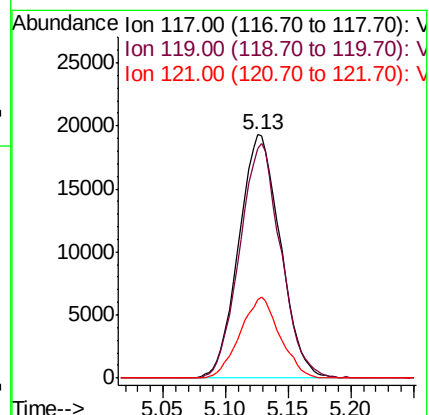
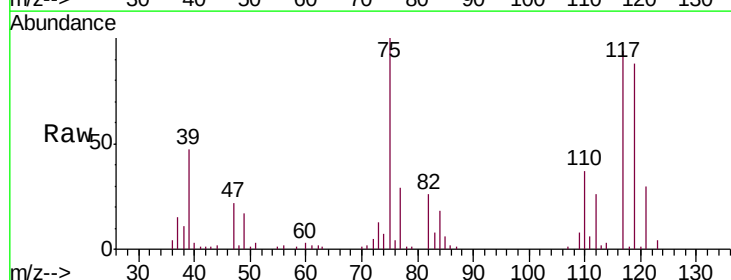
Tgt Ion: 117 Resp: 44463

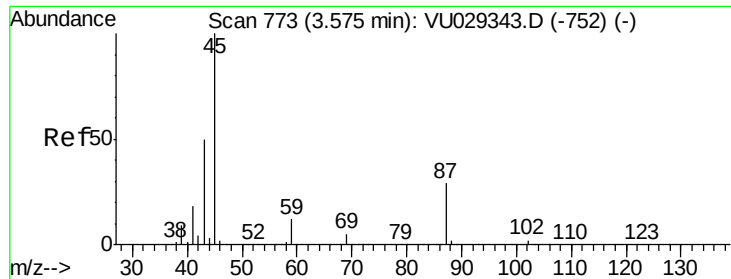
Ion Ratio Lower Upper

117 100

119 94.4 76.8 115.2

121 32.3 24.4 36.6





#31

Isopropyl Ether

Concen: 1.777 ug/l

RT: 3.58 min Scan# 773

Delta R.T. 0.00 min

Lab File: VU029674.D

Acq: 26 Feb 2019 11:41

Instrument :

MSVOA_U

ClientSampleId :

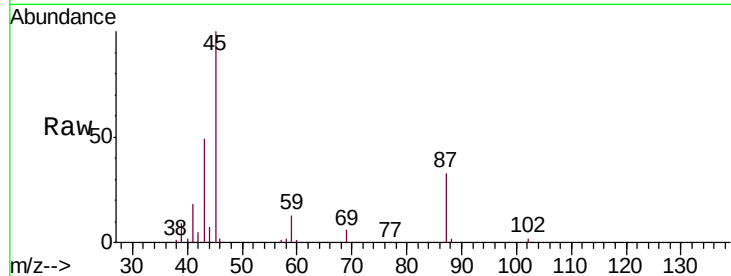
VU0226WBSD01

Tgt Ion: 45 Resp: 83995

Ion Ratio Lower Upper

45 100

43 49.0 28.4 85.3



Abundance Ion 45.00 (44.70 to 45.70): VU029674.D (-617) (-)

Ion 43.00 (42.70 to 43.70): VU029674.D (-617) (-)

3.58

30000

20000

10000

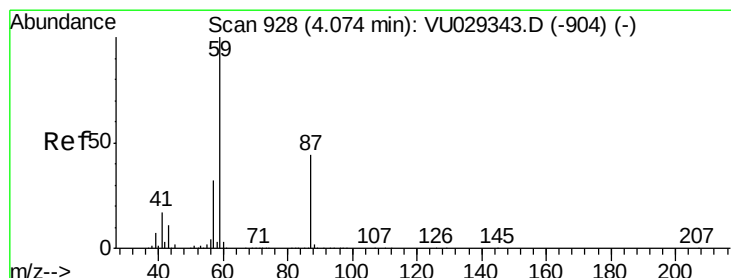
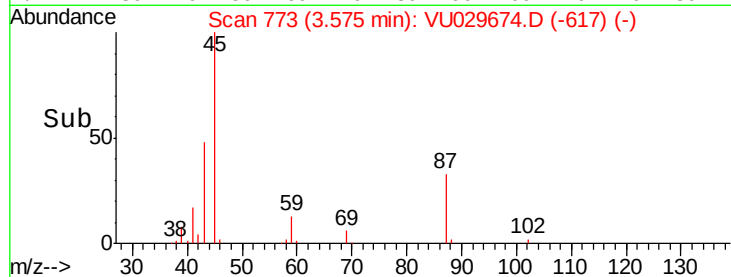
0

Time-->

3.50

3.60

3.70



#32

Ethyl-t-butyl ether

Concen: 1.809 ug/l

RT: 4.07 min Scan# 927

Delta R.T. -0.00 min

Lab File: VU029674.D

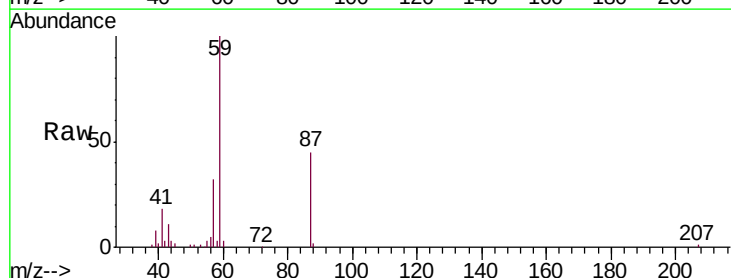
Acq: 26 Feb 2019 11:41

Tgt Ion: 59 Resp: 85727

Ion Ratio Lower Upper

59 100

87 44.9 31.1 46.7



Abundance Ion 59.00 (58.70 to 59.70): VU029674.D (-772) (-)

Ion 87.00 (86.70 to 87.70): VU029674.D (-772) (-)

4.07

30000

20000

10000

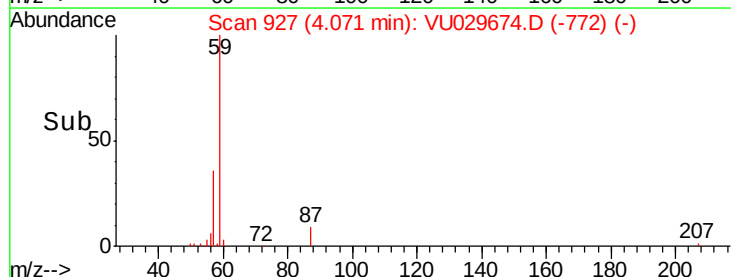
0

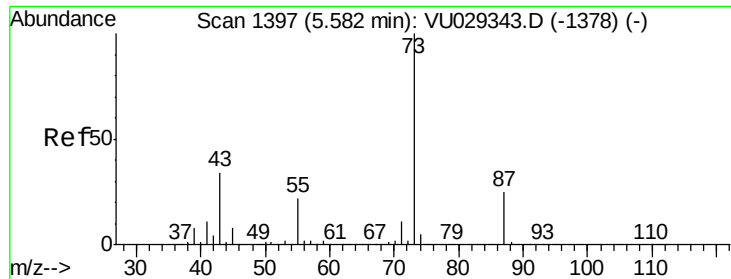
Time-->

4.00

4.10

4.20

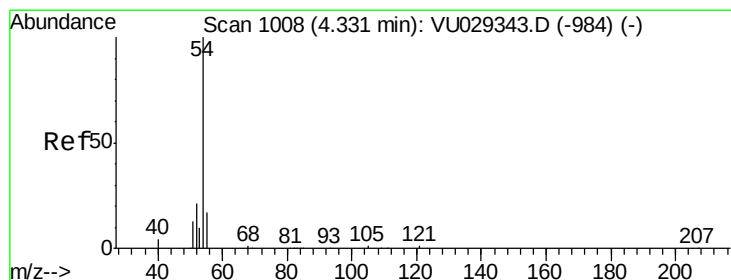
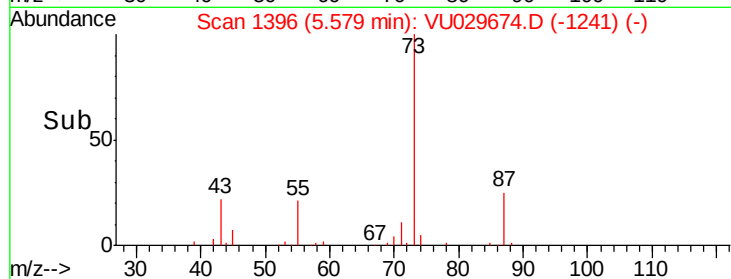
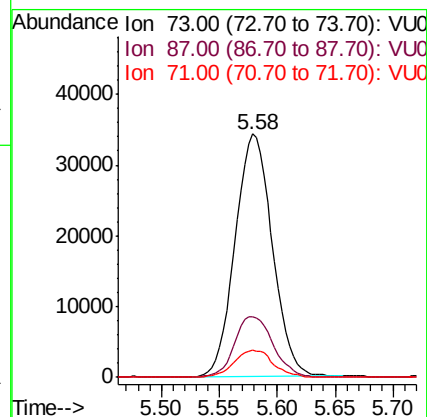
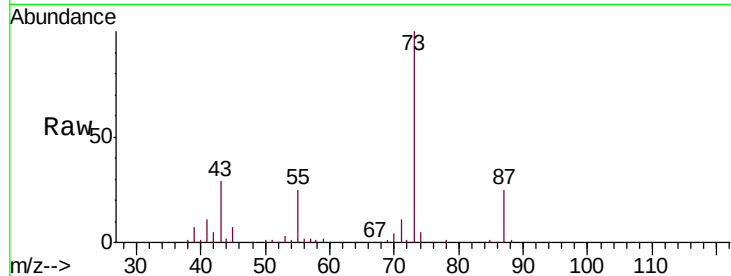




#33
Tert-Amyl methyl ether
Concen: 1.790 ug/l
RT: 5.58 min Scan# 1396
Delta R.T. -0.00 min
Lab File: VU029674.D
Acq: 26 Feb 2019 11:41

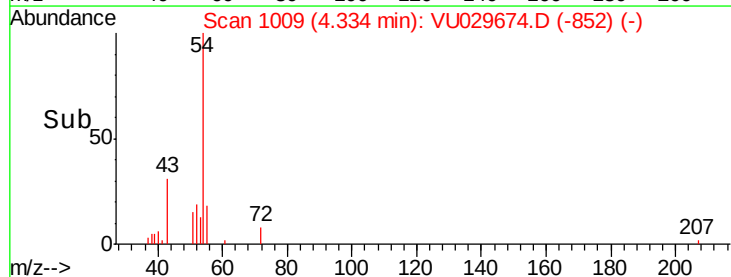
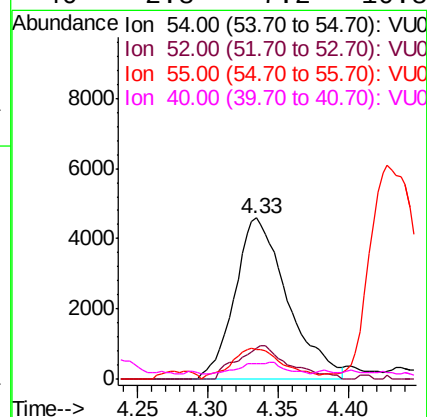
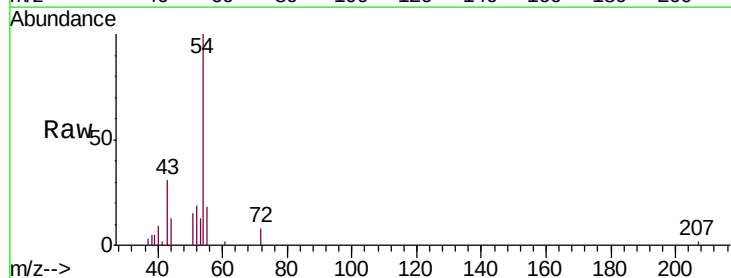
Instrument :
MSVOA_U
ClientSampleId :
VU0226WBSD01

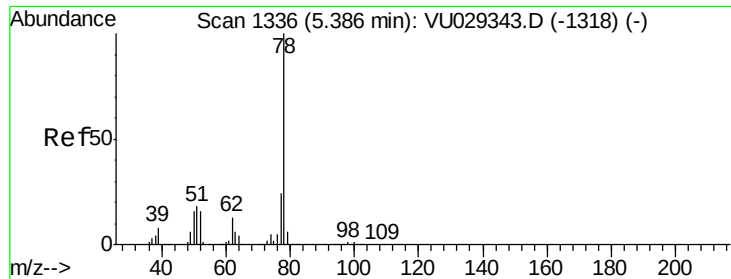
Tgt Ion: 73 Resp: 76674
Ion Ratio Lower Upper
73 100
87 25.9 19.4 29.0
71 11.6 9.0 13.4



#34
Propionitrile
Concen: 10.654 ug/l
RT: 4.33 min Scan# 1009
Delta R.T. 0.00 min
Lab File: VU029674.D
Acq: 26 Feb 2019 11:41

Tgt Ion: 54 Resp: 11954
Ion Ratio Lower Upper
54 100
52 20.0 18.9 28.3
55 18.8 15.1 22.7
40 2.8 7.2 10.8#





#35

Benzene

Concen: 2.014 ug/l

RT: 5.38 min Scan# 1335

Delta R.T. -0.00 min

Lab File: VU029674.D

Acq: 26 Feb 2019 11:41

Instrument :

MSVOA_U

ClientSampleId :

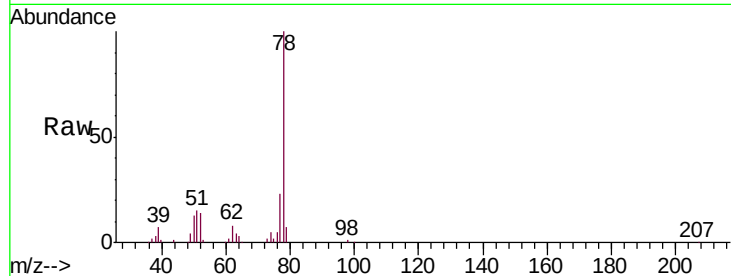
VU0226WBSD01

Tgt Ion: 78 Resp: 136566

Ion Ratio Lower Upper

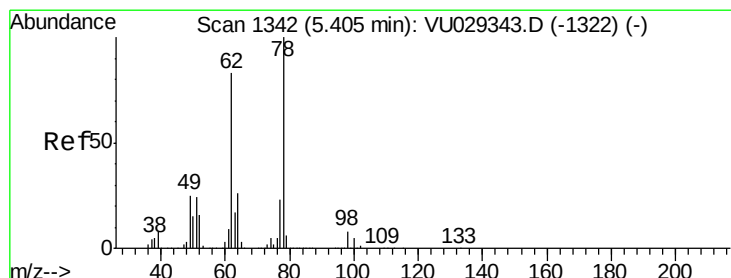
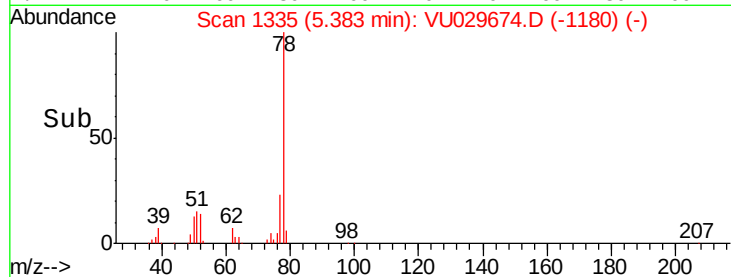
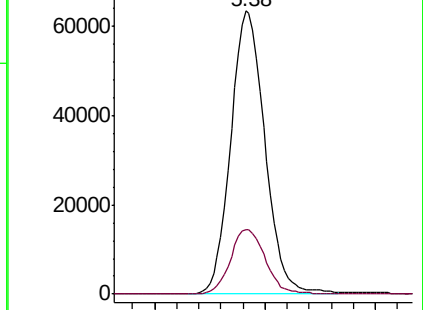
78 100

77 23.0 19.8 29.8



Abundance Ion 78.10 (77.80 to 78.80): VU029343.D (-1318) (-)

Ion 77.00 (76.70 to 77.70): VU029343.D (-1318) (-)



#36

1,2-Dichloroethane

Concen: 1.809 ug/l

RT: 5.40 min Scan# 1341

Delta R.T. -0.00 min

Lab File: VU029674.D

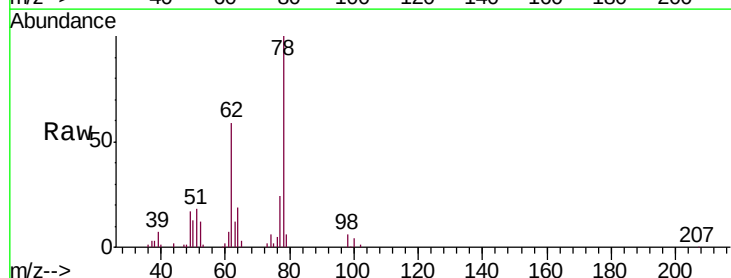
Acq: 26 Feb 2019 11:41

Tgt Ion: 62 Resp: 37102

Ion Ratio Lower Upper

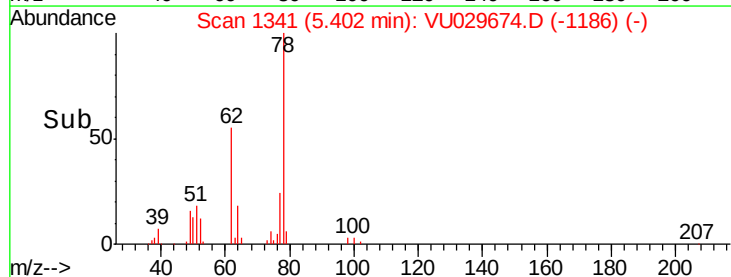
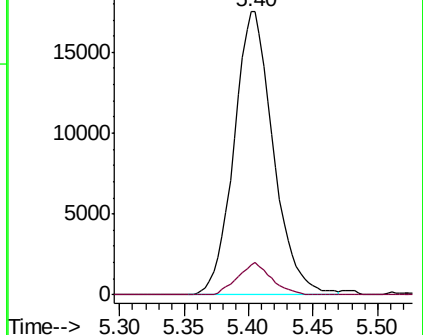
62 100

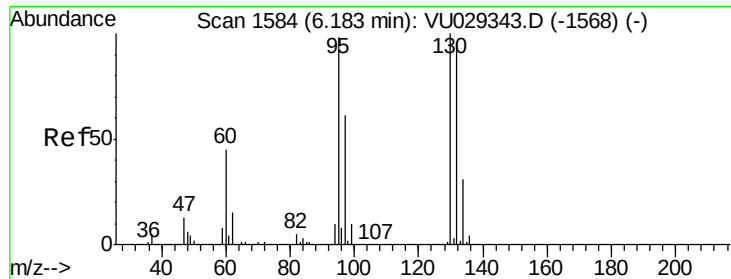
98 9.8 4.9 7.3#



Abundance Ion 62.00 (61.70 to 62.70): VU029343.D (-1322) (-)

Ion 98.00 (97.70 to 98.70): VU029343.D (-1322) (-)

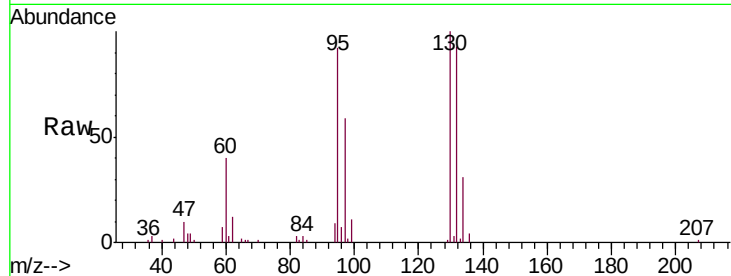




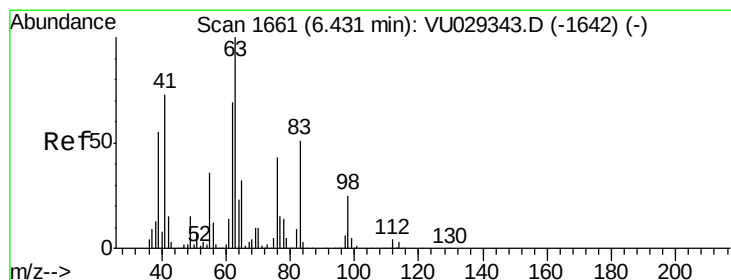
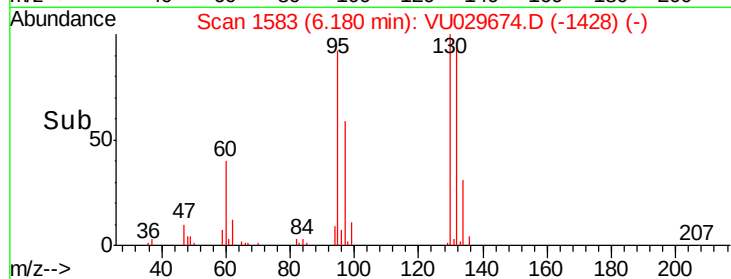
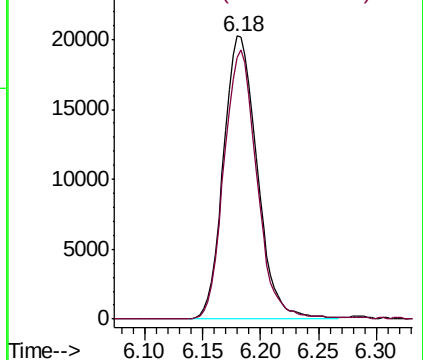
#37
 Trichloroethene
 Concen: 2.097 ug/l
 RT: 6.18 min Scan# 1583
 Delta R.T. -0.00 min
 Lab File: VU029674.D
 Acq: 26 Feb 2019 11:41

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0226WBSD01

Tgt Ion:130 Resp: 40797
 Ion Ratio Lower Upper
 130 100
 95 92.4 85.4 128.0

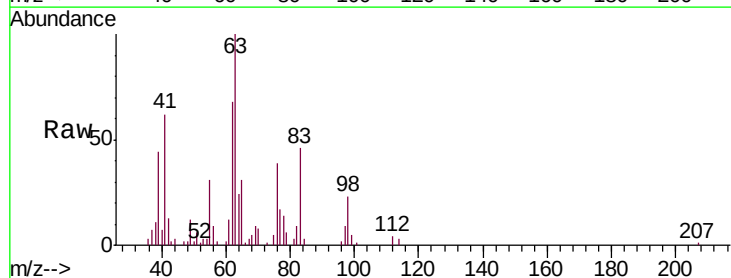


Abundance Ion 129.90 (129.60 to 130.60): VU029343.D (-1568) (-)
 Ion 94.90 (94.60 to 95.60): VU029343.D (-1568) (-)

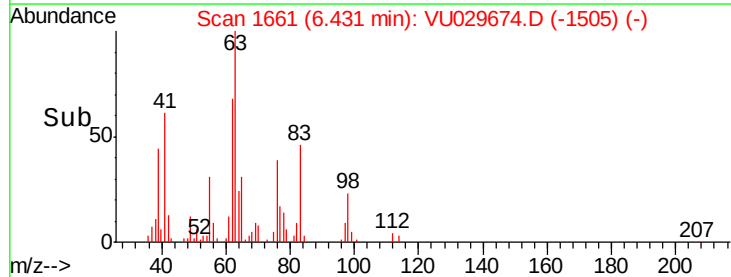
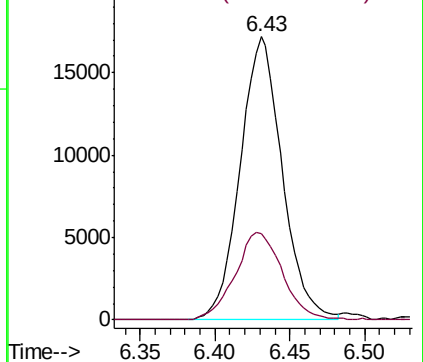


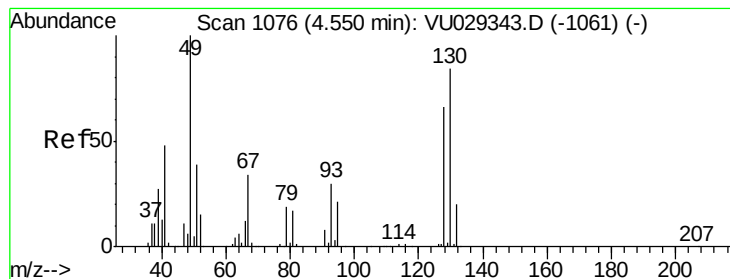
#38
 1,2-Dichloropropane
 Concen: 1.906 ug/l
 RT: 6.43 min Scan# 1661
 Delta R.T. 0.00 min
 Lab File: VU029674.D
 Acq: 26 Feb 2019 11:41

Tgt Ion: 63 Resp: 33611
 Ion Ratio Lower Upper
 63 100
 65 30.5 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) (-)





#39

Methacrylonitrile

Concen: 1.746 ug/l

RT: 4.55 min Scan# 1076

Delta R.T. 0.00 min

Lab File: VU029674.D

Acq: 26 Feb 2019 11:41

Instrument :

MSVOA_U

ClientSampleId :

VU0226WBSD01

Tgt Ion: 41 Resp: 10031

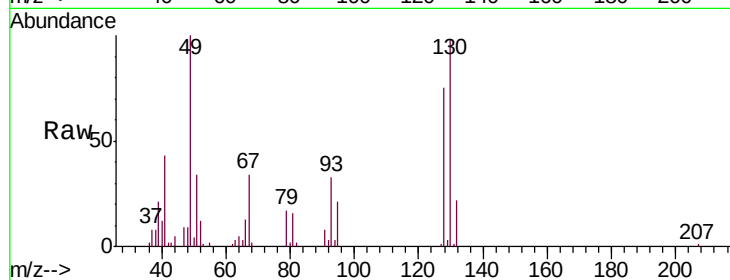
Ion Ratio Lower Upper

41 100

67 78.4 50.1 75.1#

39 53.1 47.9 71.9

52 29.7 24.8 37.2

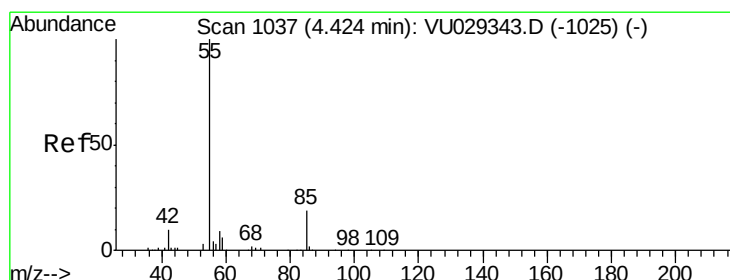
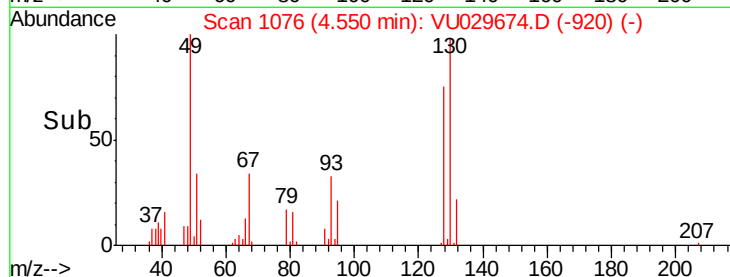
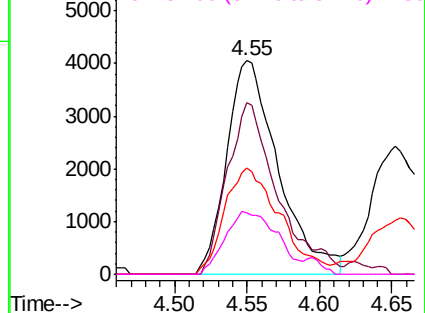


Abundance Ion 41.00 (40.70 to 41.70): VU0

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: 1.790 ug/l

RT: 4.43 min Scan# 1038

Delta R.T. 0.00 min

Lab File: VU029674.D

Acq: 26 Feb 2019 11:41

Tgt Ion: 55 Resp: 15522

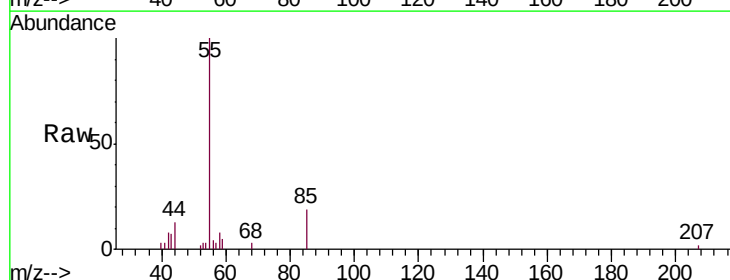
Ion Ratio Lower Upper

55 100

85 19.3 11.3 16.9#

58 6.4 6.2 9.4

42 8.9 10.1 15.1#

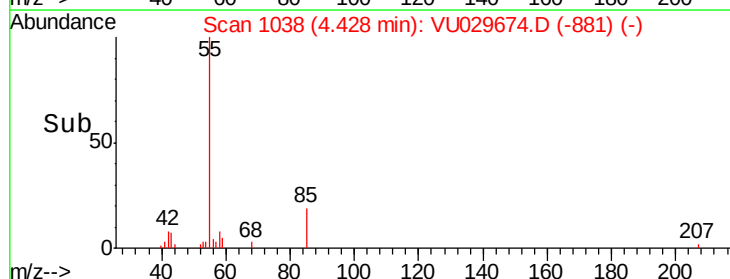
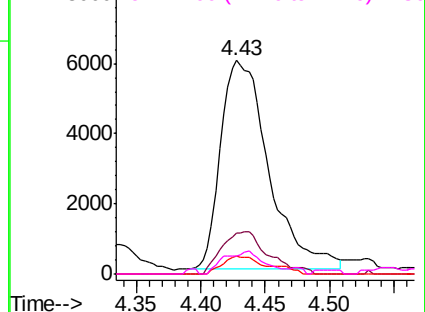


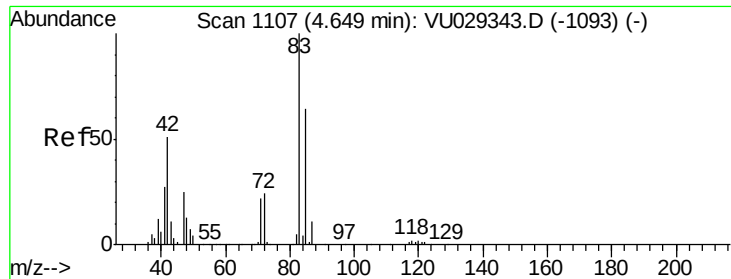
Abundance Ion 55.00 (54.70 to 55.70): VU0

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: 3.456 ug/l

RT: 4.65 min Scan# 1108

Delta R.T. 0.00 min

Lab File: VU029674.D

Acq: 26 Feb 2019 11:41

Instrument :

MSVOA_U

ClientSampleId :

VU0226WBSD01

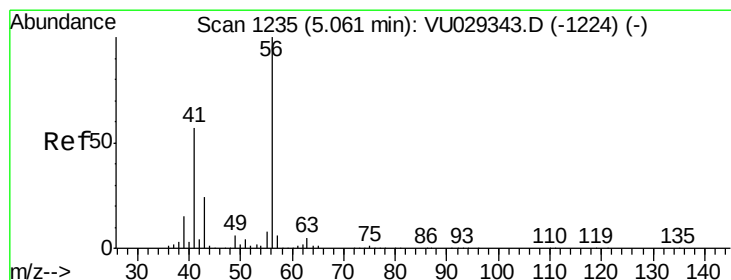
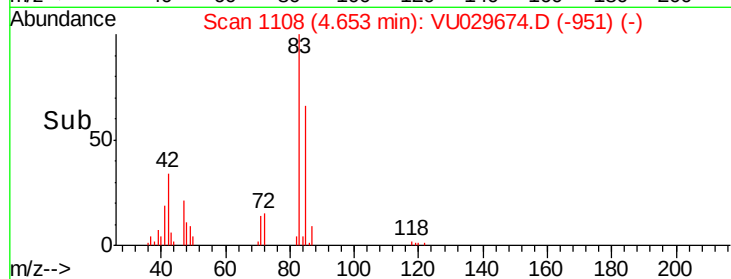
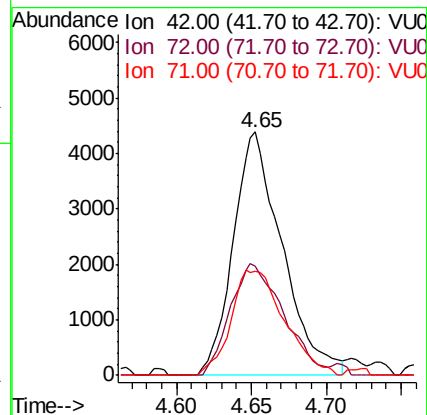
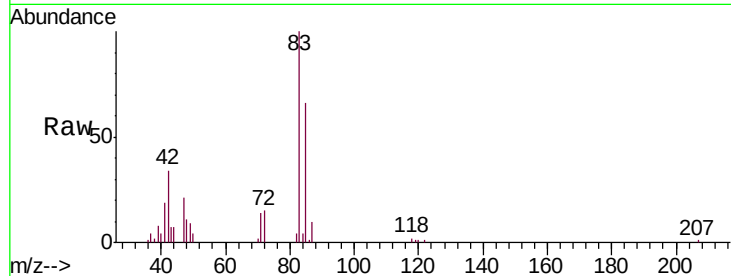
Tgt Ion: 42 Resp: 10002

Ion Ratio Lower Upper

42 100

72 49.9 33.1 49.7#

71 46.9 30.2 45.2#



#42

1-Chlorobutane

Concen: 1.832 ug/l

RT: 5.06 min Scan# 1235

Delta R.T. 0.00 min

Lab File: VU029674.D

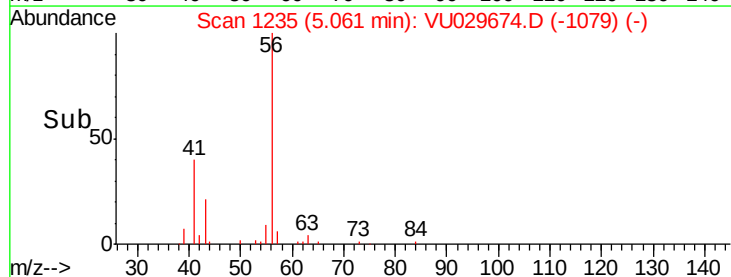
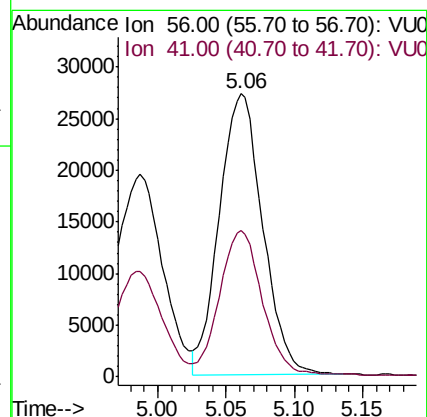
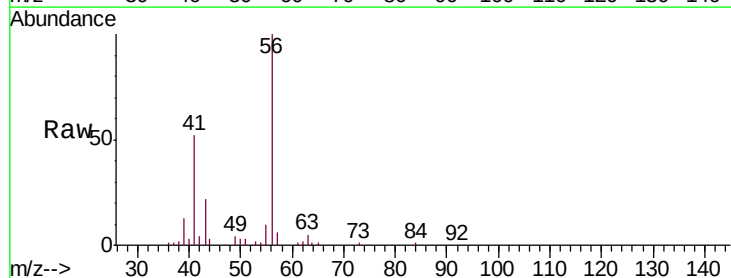
Acq: 26 Feb 2019 11:41

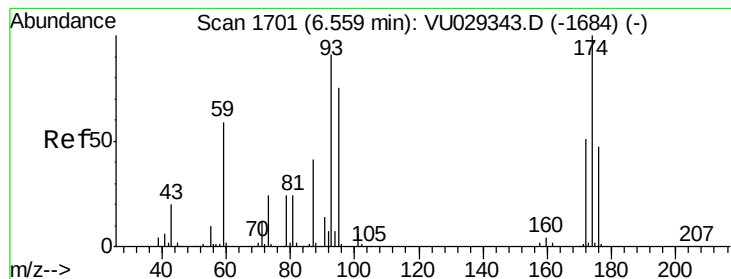
Tgt Ion: 56 Resp: 60186

Ion Ratio Lower Upper

56 100

41 49.7 31.3 93.8





#43

Dibromomethane

Concen: 1.945 ug/l

RT: 6.56 min Scan# 1701

Delta R.T. 0.00 min

Lab File: VU029674.D

Acq: 26 Feb 2019 11:41

Instrument :

MSVOA_U

ClientSampleId :

VU0226WBSD01

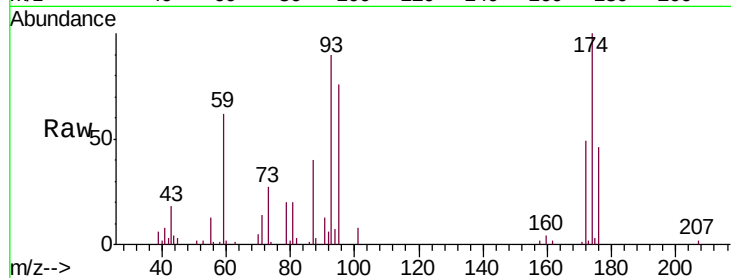
Tgt Ion: 93 Resp: 18285

Ion Ratio Lower Upper

93 100

95 85.3 68.2 102.2

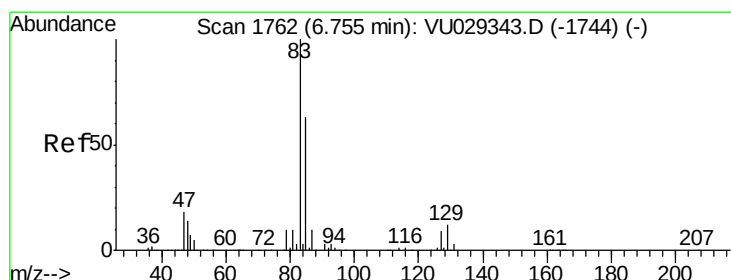
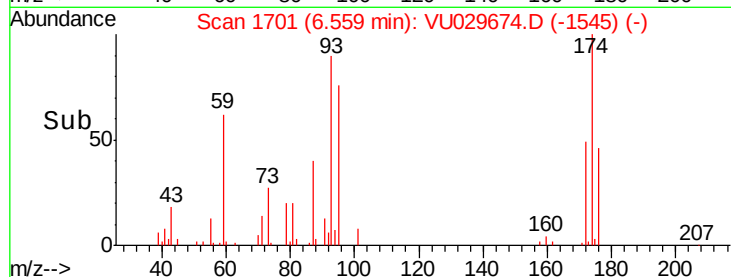
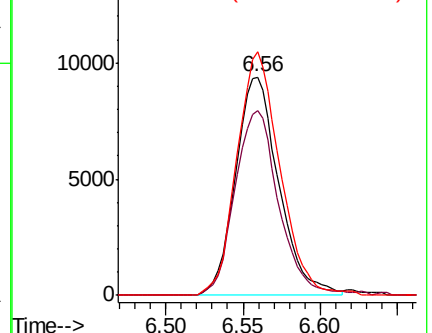
174 110.7 77.6 116.4



Abundance Ion 93.00 (92.70 to 93.70): VU029343.D (-1684) (-)

Ion 95.00 (94.70 to 95.70): VU029343.D (-1684) (-)

Ion 174.00 (173.70 to 174.70): VU029343.D (-1684) (-)



#44

Bromodichloromethane

Concen: 1.756 ug/l

RT: 6.75 min Scan# 1761

Delta R.T. -0.00 min

Lab File: VU029674.D

Acq: 26 Feb 2019 11:41

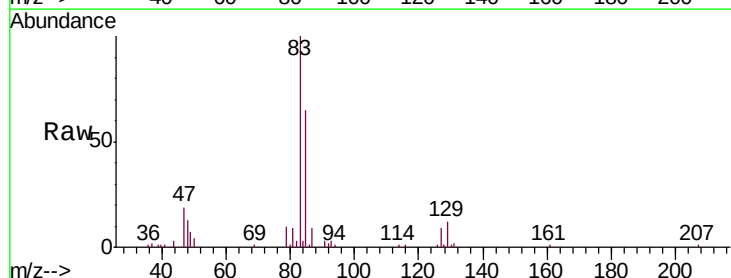
Tgt Ion: 83 Resp: 42048

Ion Ratio Lower Upper

83 100

85 64.6 49.2 73.8

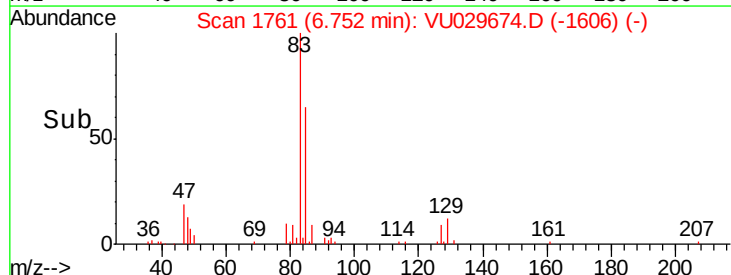
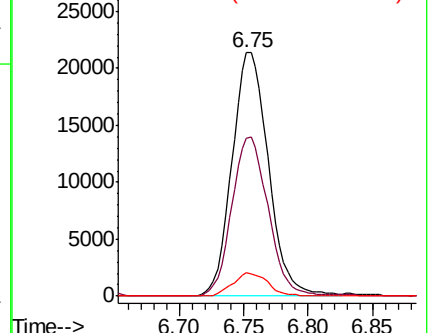
127 9.4 7.0 10.6

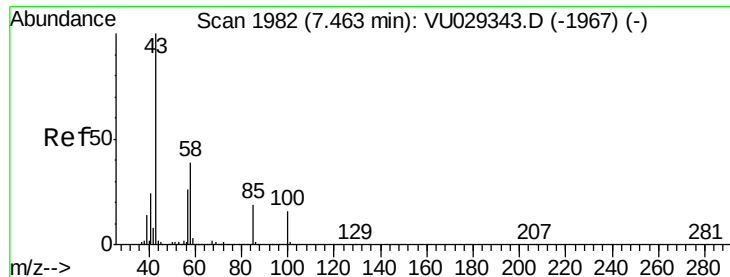


Abundance Ion 83.00 (82.70 to 83.70): VU029343.D (-1744) (-)

Ion 85.00 (84.70 to 85.70): VU029343.D (-1744) (-)

Ion 127.00 (126.70 to 127.70): VU029343.D (-1744) (-)

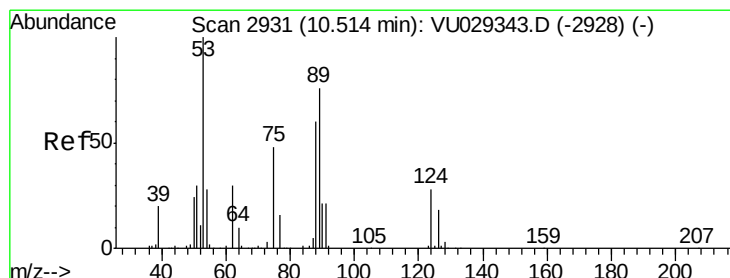
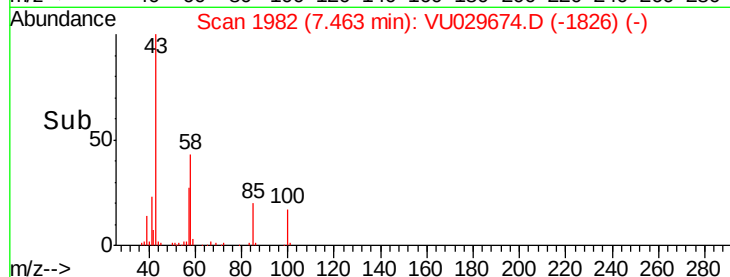
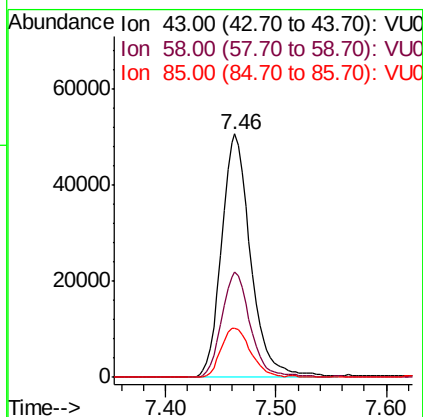
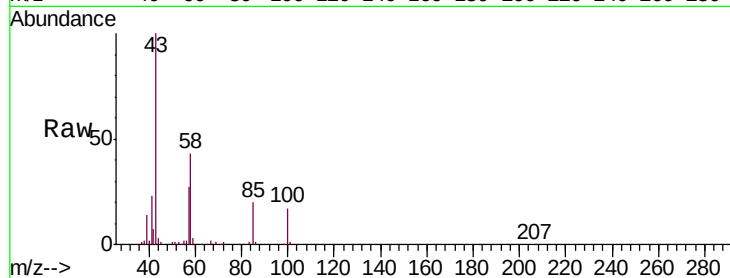




#45
 4-Methyl-2-Pentanone
 Concen: 8.440 ug/l
 RT: 7.46 min Scan# 1982
 Delta R.T. 0.00 min
 Lab File: VU029674.D
 Acq: 26 Feb 2019 11:41

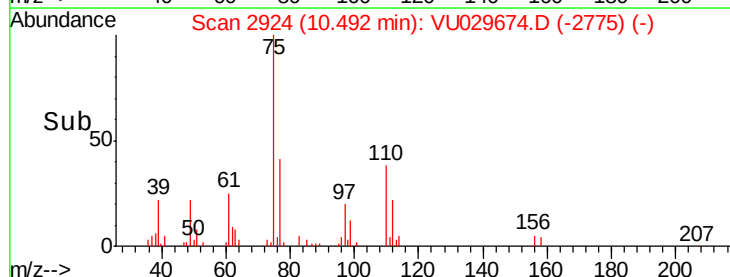
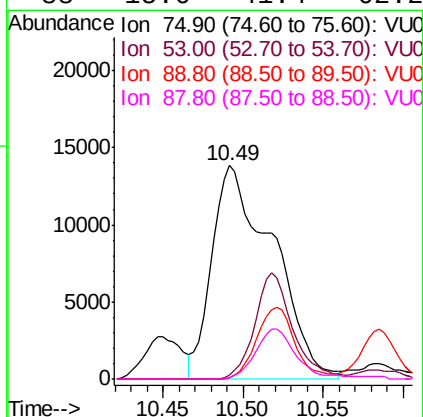
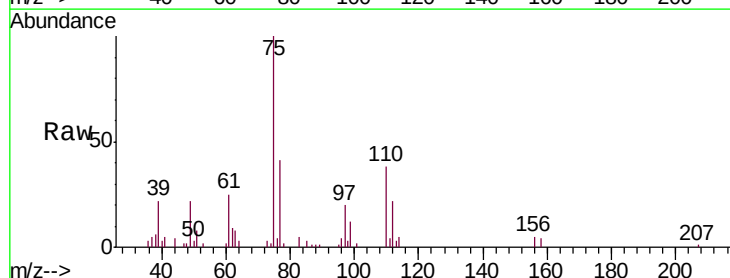
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0226WBSD01

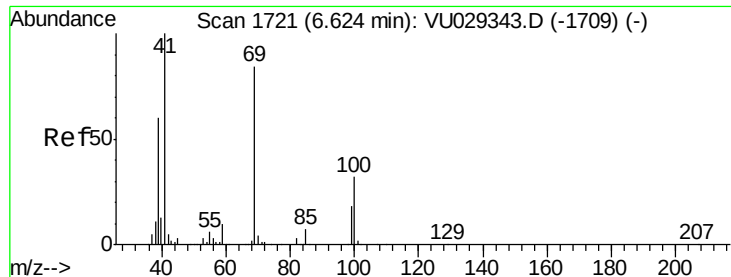
Tgt Ion: 43 Resp: 92991
 Ion Ratio Lower Upper
 43 100
 58 42.3 17.6 52.8
 85 20.4 12.3 18.5#



#46
 t-1,4-Dichloro-2-butene
 Concen: 6.778 ug/l
 RT: 10.49 min Scan# 2924
 Delta R.T. -0.02 min
 Lab File: VU029674.D
 Acq: 26 Feb 2019 11:41

Tgt Ion: 75 Resp: 36385
 Ion Ratio Lower Upper
 75 100
 53 30.9 78.2 117.4#
 89 21.2 44.2 66.4#
 88 15.6 41.4 62.2#





#47

Methyl methacrylate

Concen: 3.743 ug/l

RT: 6.63 min Scan# 1722

Delta R.T. 0.00 min

Lab File: VU029674.D

Acq: 26 Feb 2019 11:41

Instrument :

MSVOA_U

ClientSampleId :

VU0226WBSD01

Tgt Ion: 69 Resp: 30950

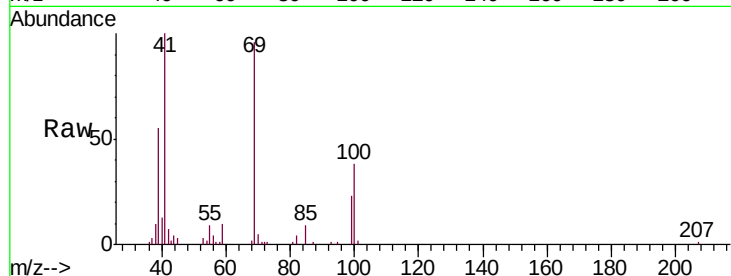
Ion Ratio Lower Upper

69 100

41 104.8 0.0 296.2

39 58.7 71.2 106.8#

100 38.3 28.6 42.8



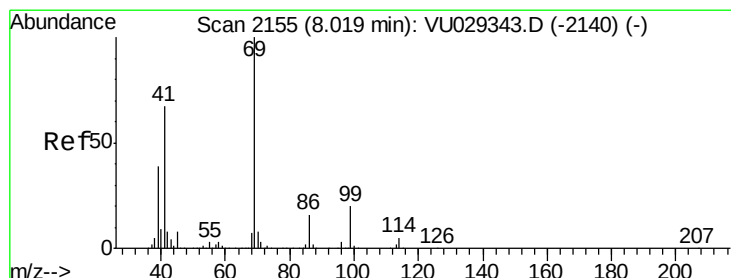
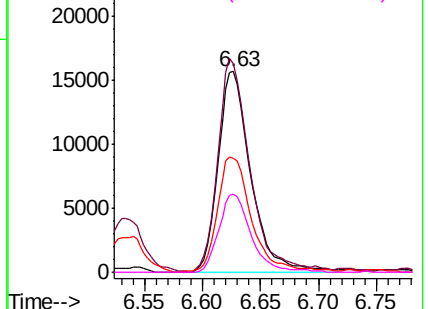
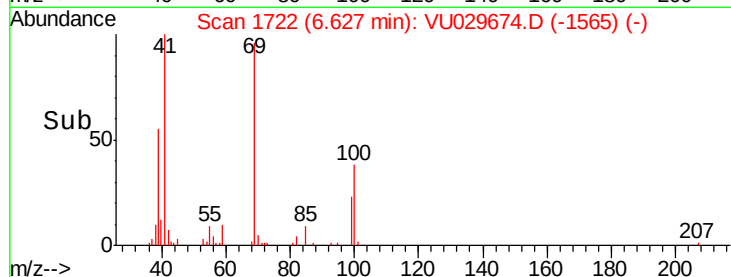
Abundance

Ion 69.00 (68.70 to 69.70): VU0

Ion 41.00 (40.70 to 41.70): VU0

Ion 39.00 (38.70 to 39.70): VU0

Ion 100.00 (99.70 to 100.70): VU0



#48

Ethyl methacrylate

Concen: 1.657 ug/l

RT: 8.02 min Scan# 2155

Delta R.T. 0.00 min

Lab File: VU029674.D

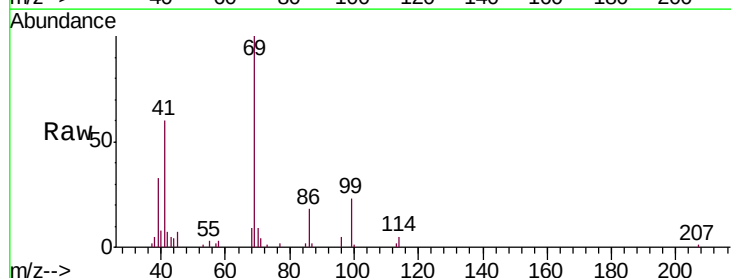
Acq: 26 Feb 2019 11:41

Tgt Ion: 69 Resp: 29390

Ion Ratio Lower Upper

69 100

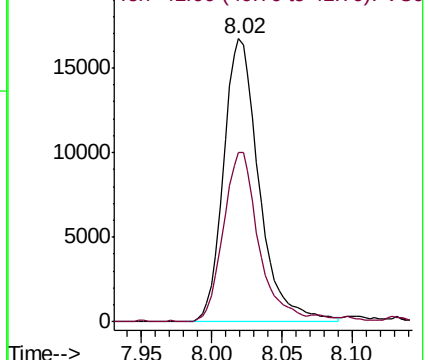
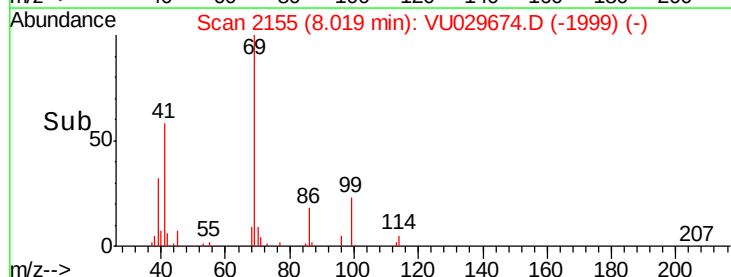
41 59.3 39.9 119.7

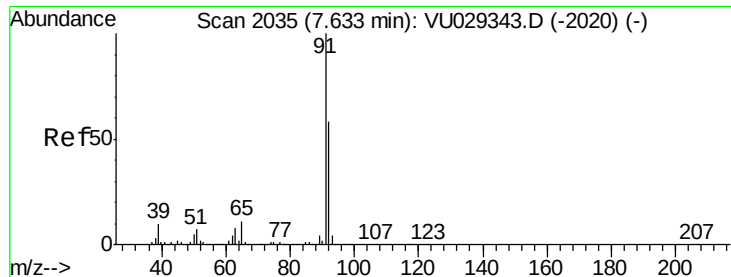


Abundance

Ion 69.00 (68.70 to 69.70): VU0

Ion 41.00 (40.70 to 41.70): VU0





#49

Toluene

Concen: 1.962 ug/l

RT: 7.63 min Scan# 2035

Delta R.T. 0.00 min

Lab File: VU029674.D

Acq: 26 Feb 2019 11:41

Instrument :

MSVOA_U

ClientSampleId :

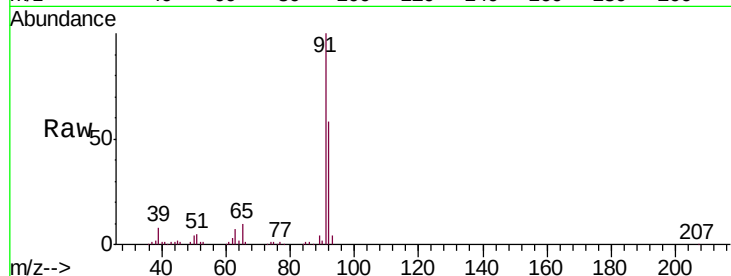
VU0226WBSD01

Tgt Ion: 92 Resp: 85124

Ion Ratio Lower Upper

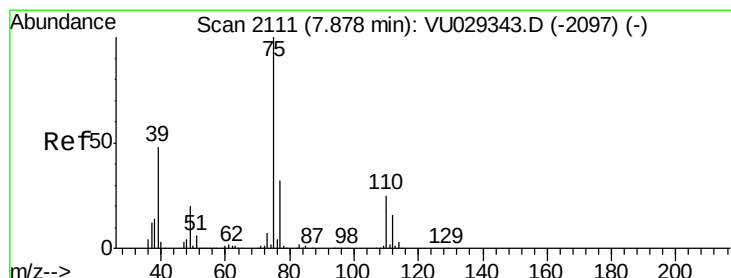
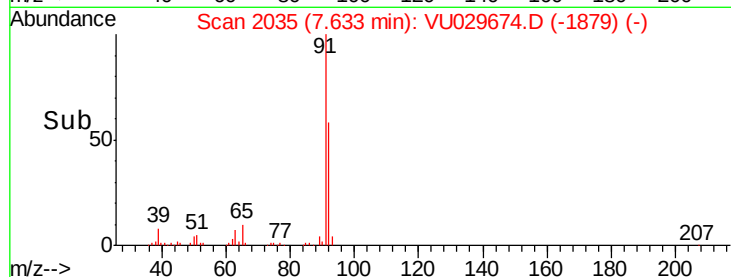
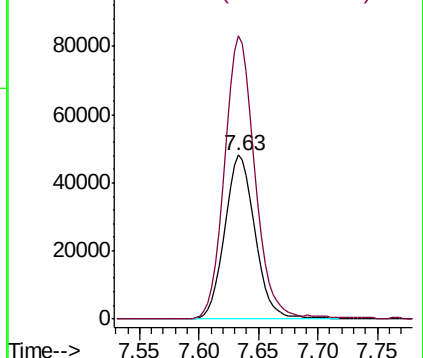
92 100

91 171.4 140.7 211.1



Abundance Ion 92.00 (91.70 to 92.70): VU029343.D (-2020) (-)

Ion 91.00 (90.70 to 91.70): VU029343.D (-2020) (-)



#50

t-1,3-Dichloropropene

Concen: 1.607 ug/l

RT: 7.88 min Scan# 2112

Delta R.T. 0.00 min

Lab File: VU029674.D

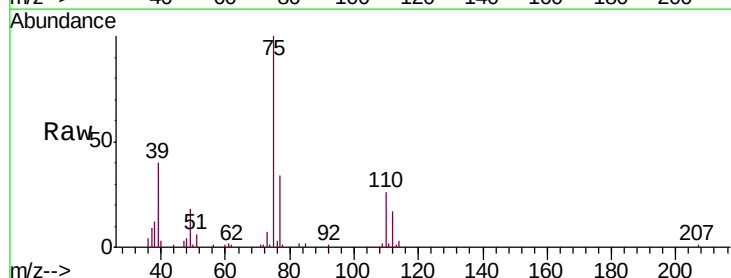
Acq: 26 Feb 2019 11:41

Tgt Ion: 75 Resp: 37724

Ion Ratio Lower Upper

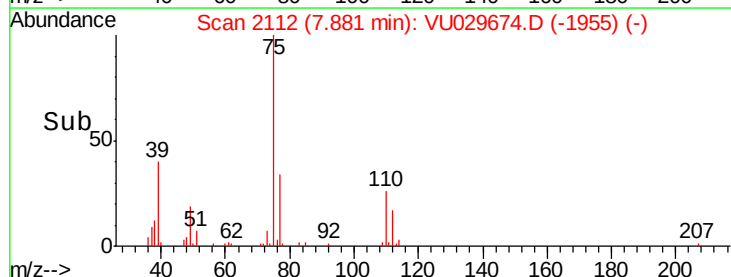
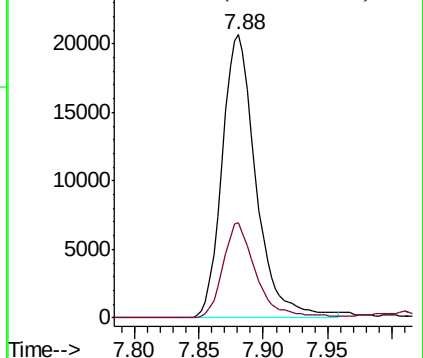
75 100

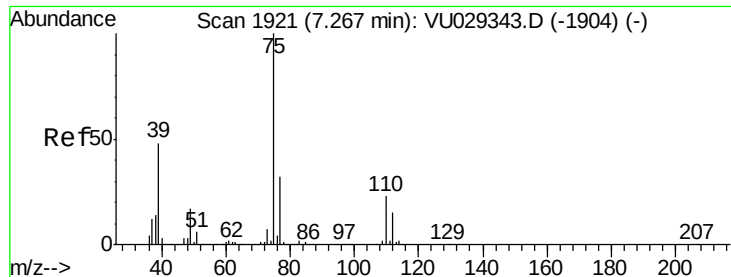
77 33.5 23.6 35.4



Abundance Ion 75.00 (74.70 to 75.70): VU029343.D (-2097) (-)

Ion 77.00 (76.70 to 77.70): VU029343.D (-2097) (-)

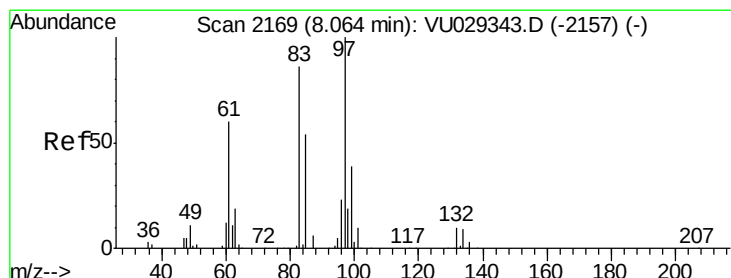
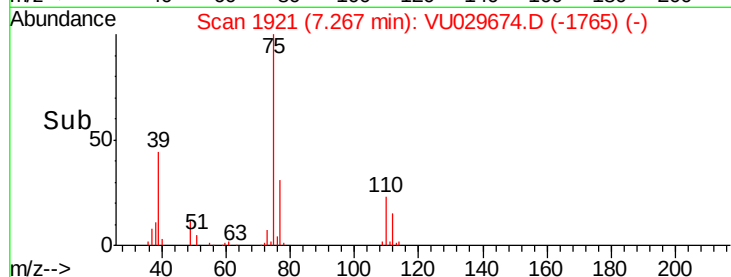
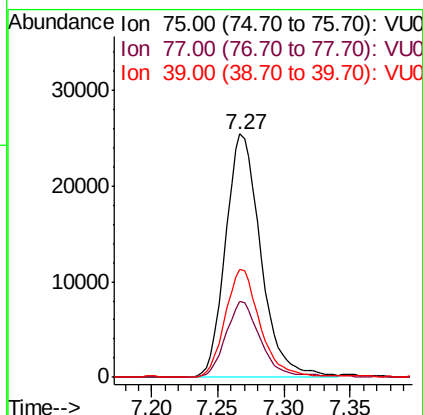
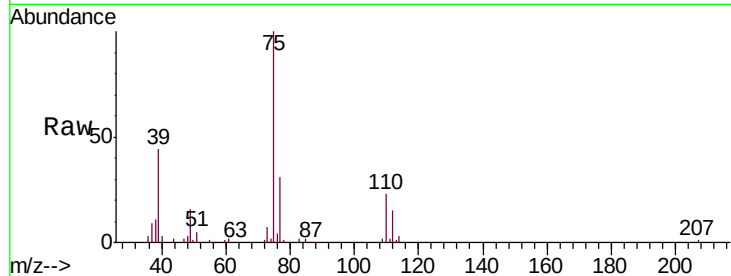




#51
 cis-1,3-Dichloropropene
 Concen: 1.688 ug/l
 RT: 7.27 min Scan# 1921
 Delta R.T. 0.00 min
 Lab File: VU029674.D
 Acq: 26 Feb 2019 11:41

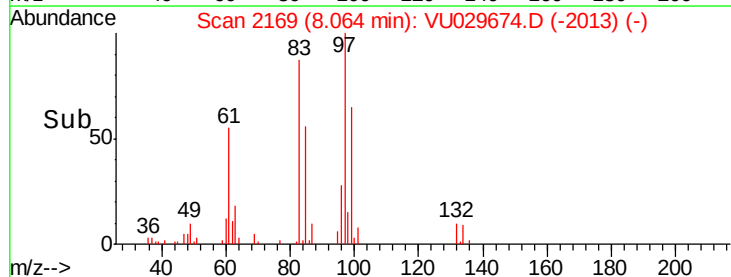
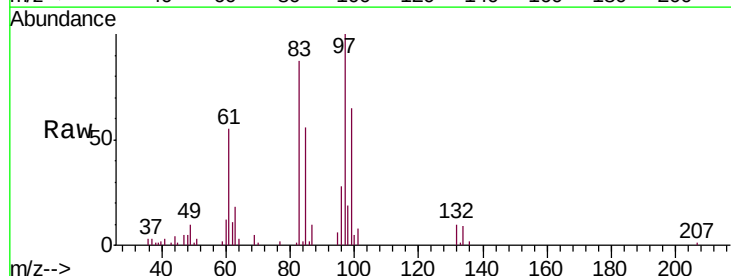
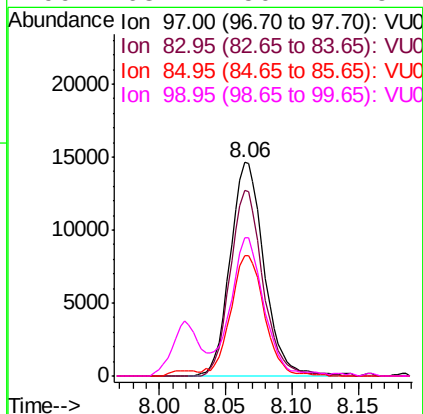
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0226WBSD01

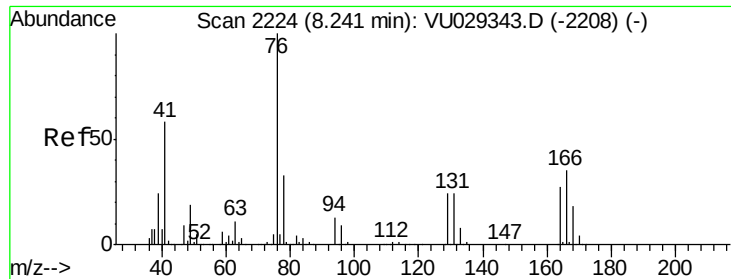
Tgt Ion: 75 Resp: 47083
 Ion Ratio Lower Upper
 75 100
 77 31.0 24.9 37.3
 39 44.2 47.2 70.8#



#52
 1,1,2-Trichloroethane
 Concen: 2.089 ug/l
 RT: 8.06 min Scan# 2169
 Delta R.T. 0.00 min
 Lab File: VU029674.D
 Acq: 26 Feb 2019 11:41

Tgt Ion: 97 Resp: 25990
 Ion Ratio Lower Upper
 97 100
 83 87.0 69.9 104.9
 85 56.3 45.8 68.6
 99 63.7 50.2 75.2

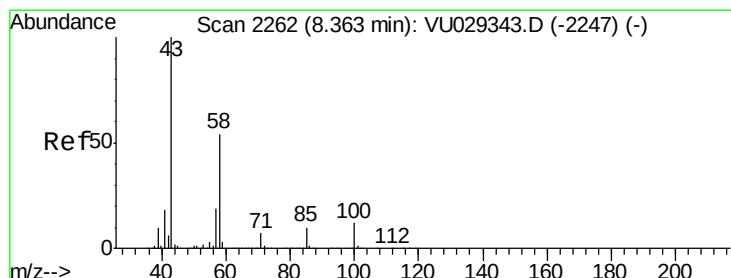
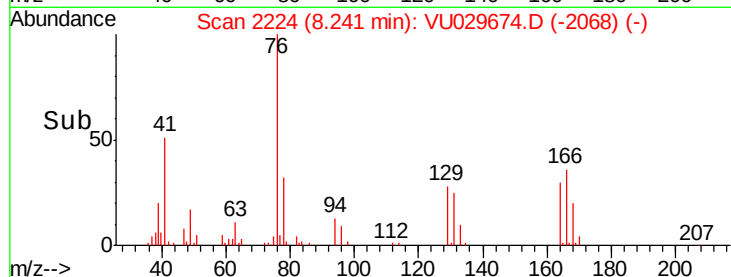
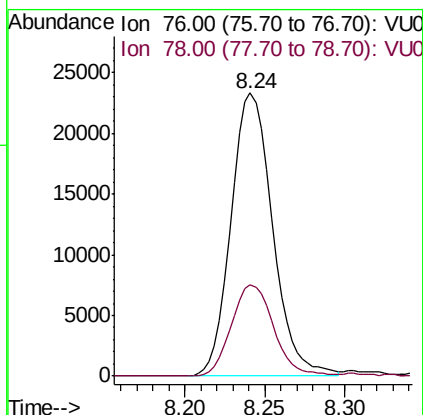
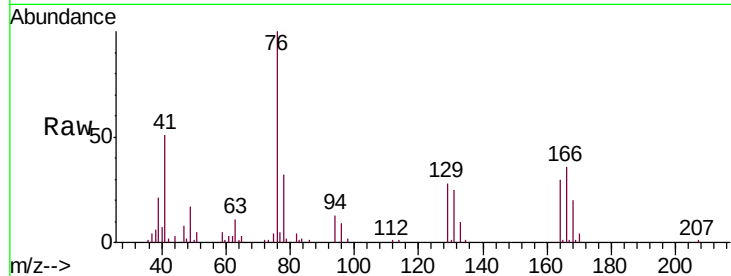




#53
 1,3-Dichloropropane
 Concen: 1.890 ug/l
 RT: 8.24 min Scan# 2224
 Delta R.T. 0.00 min
 Lab File: VU029674.D
 Acq: 26 Feb 2019 11:41

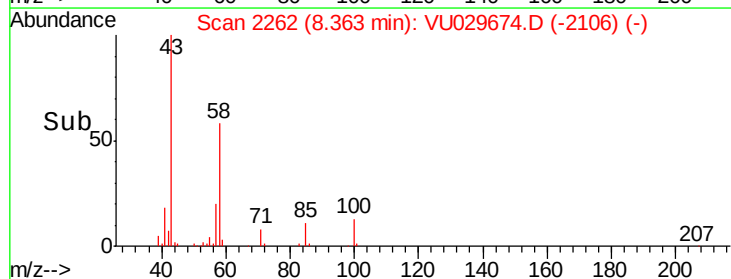
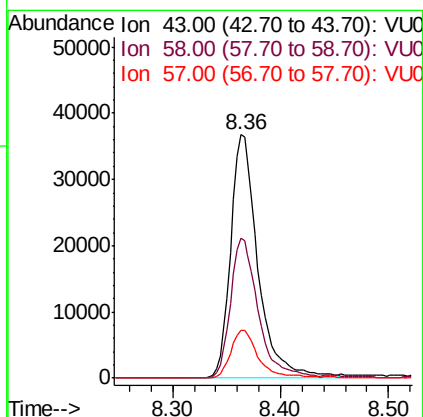
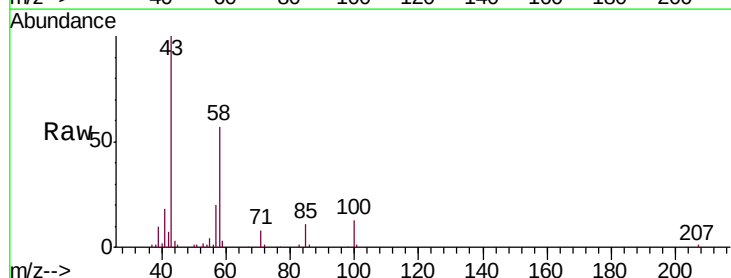
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0226WBSD01

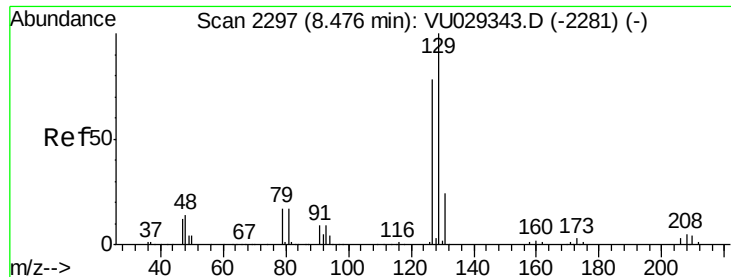
Tgt Ion: 76 Resp: 41314
 Ion Ratio Lower Upper
 76 100
 78 32.9 26.3 39.5



#54
 2-Hexanone
 Concen: 8.371 ug/l
 RT: 8.36 min Scan# 2262
 Delta R.T. 0.00 min
 Lab File: VU029674.D
 Acq: 26 Feb 2019 11:41

Tgt Ion: 43 Resp: 64653
 Ion Ratio Lower Upper
 43 100
 58 58.0 26.0 66.0
 57 19.8 0.0 37.7

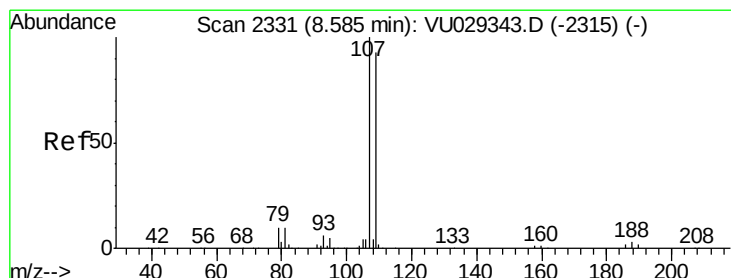
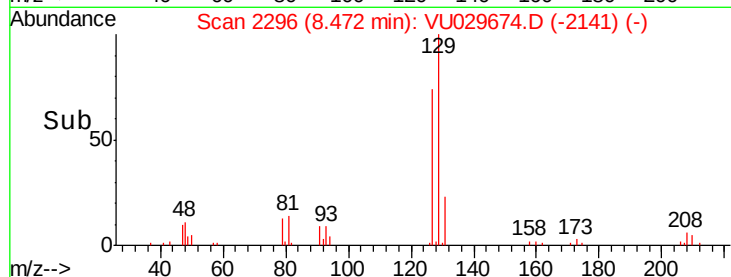
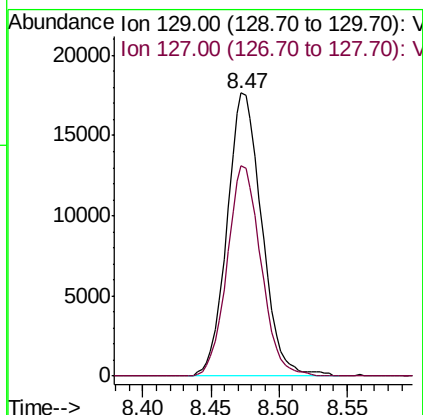
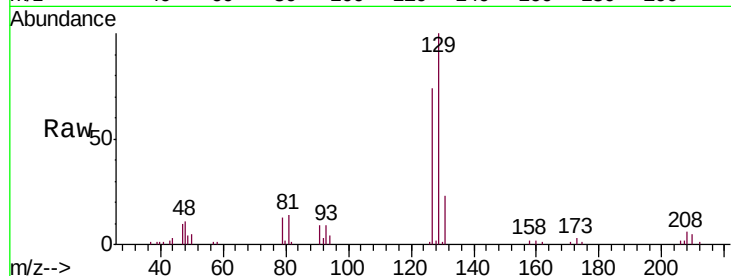




#55
 Dibromochloromethane
 Concen: 1.765 ug/l
 RT: 8.47 min Scan# 2296
 Delta R.T. -0.00 min
 Lab File: VU029674.D
 Acq: 26 Feb 2019 11:41

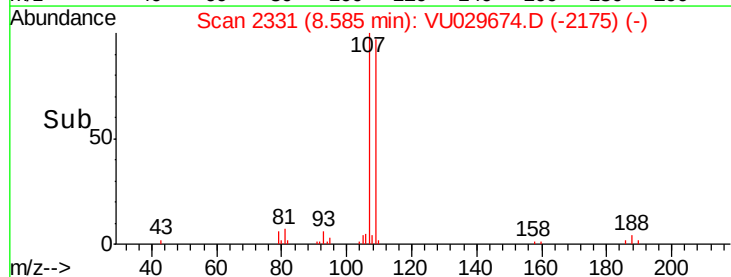
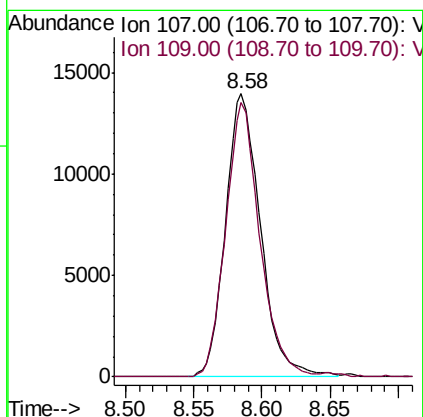
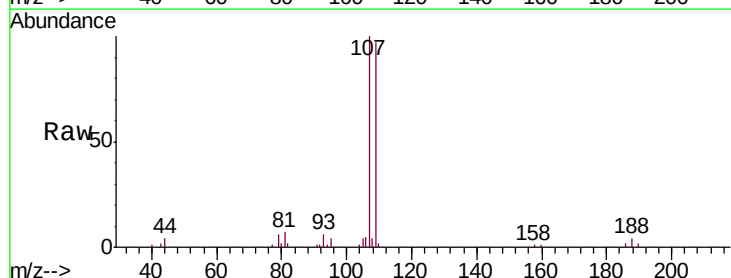
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0226WBSD01

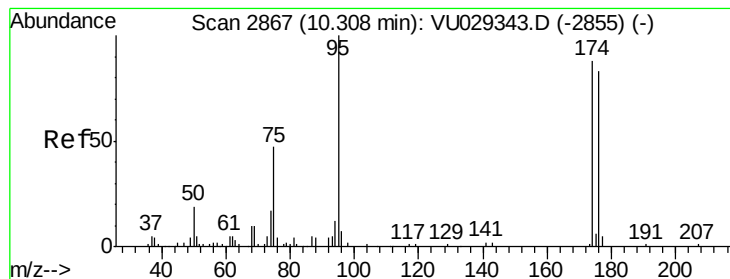
Tgt Ion:129 Resp: 31217
 Ion Ratio Lower Upper
 129 100
 127 72.6 60.5 90.7



#56
 1,2-Dibromoethane
 Concen: 1.950 ug/l
 RT: 8.58 min Scan# 2331
 Delta R.T. 0.00 min
 Lab File: VU029674.D
 Acq: 26 Feb 2019 11:41

Tgt Ion:107 Resp: 24900
 Ion Ratio Lower Upper
 107 100
 109 94.5 0.0 189.6





#57

4-Bromofluorobenzene

Concen: 1.950 ug/l

RT: 10.31 min Scan# 2866

Delta R.T. -0.00 min

Lab File: VU029674.D

Acq: 26 Feb 2019 11:41

Instrument :

MSVOA_U

ClientSampleId :

VU0226WBSD01

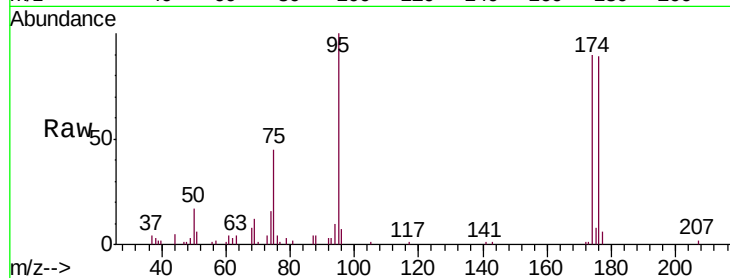
Tgt Ion: 95 Resp: 21865

Ion Ratio Lower Upper

95 100

174 90.2 64.2 96.2

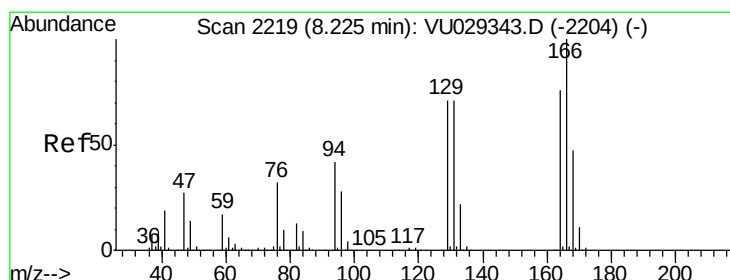
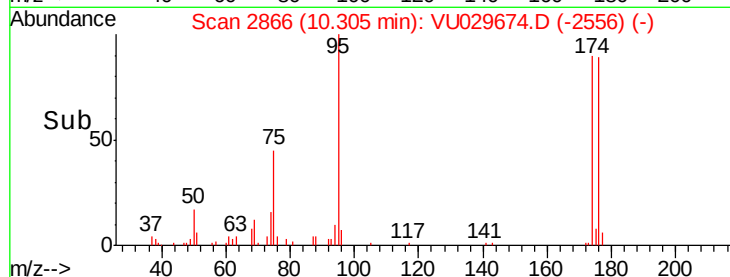
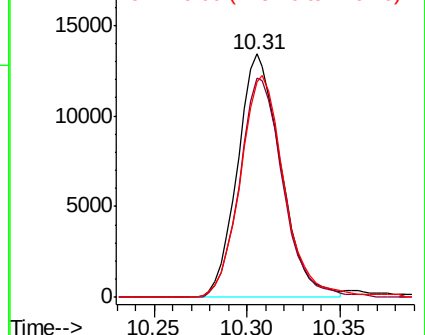
176 92.5 62.3 93.5



Abundance Ion 95.00 (94.70 to 95.70): VU029343.D (-2855) (-)

Ion 174.00 (173.70 to 174.70): VU029343.D (-2855) (-)

Ion 176.00 (175.70 to 176.70): VU029343.D (-2855) (-)



#58

Tetrachloroethene

Concen: 2.172 ug/l

RT: 8.22 min Scan# 2218

Delta R.T. -0.00 min

Lab File: VU029674.D

Acq: 26 Feb 2019 11:41

Tgt Ion: 164 Resp: 39325

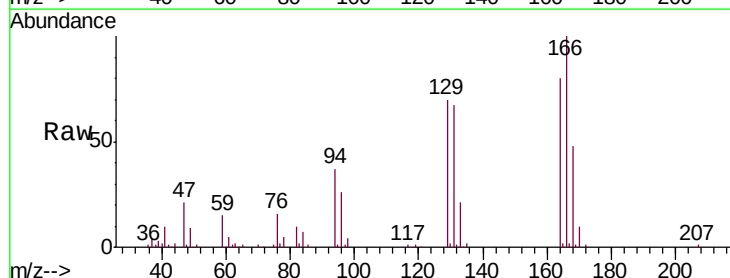
Ion Ratio Lower Upper

164 100

166 125.3 106.6 159.8

129 87.5 79.9 119.9

131 84.3 75.8 113.8

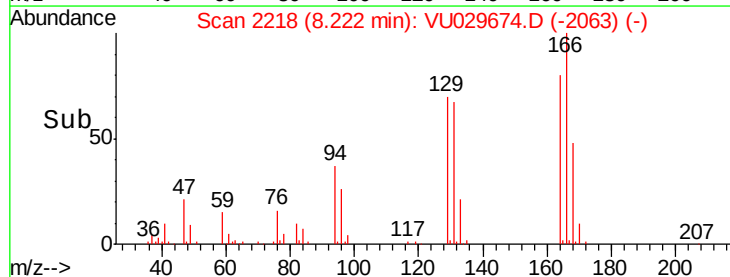
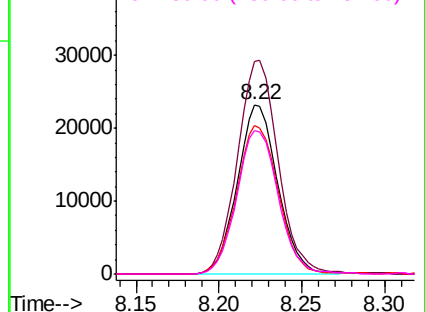


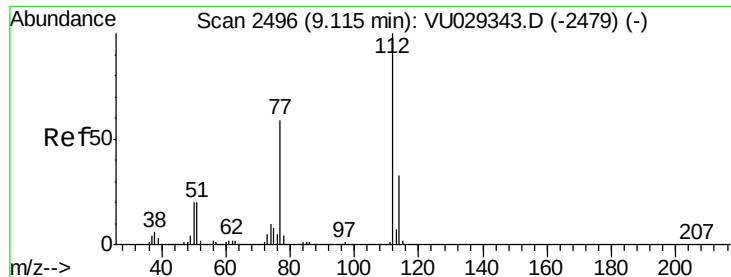
Abundance Ion 163.85 (163.55 to 164.55): VU029343.D (-2204) (-)

Ion 165.80 (165.50 to 166.50): VU029343.D (-2204) (-)

Ion 128.90 (128.60 to 129.60): VU029343.D (-2204) (-)

Ion 130.90 (130.60 to 131.60): VU029343.D (-2204) (-)

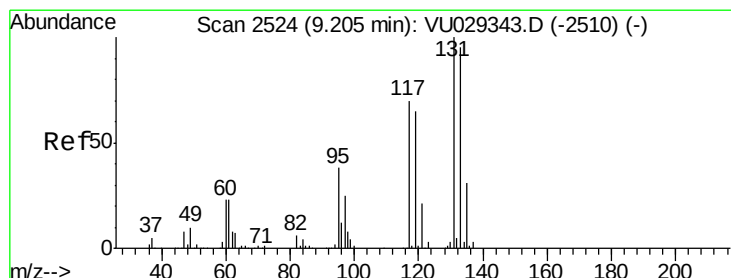
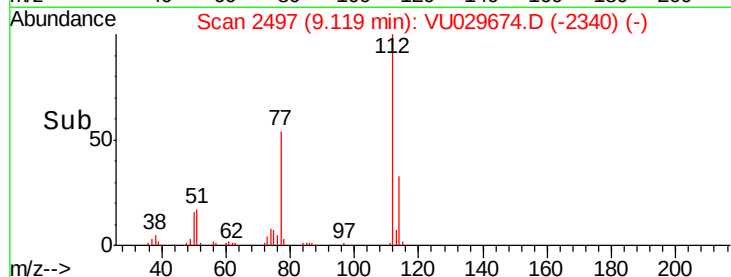
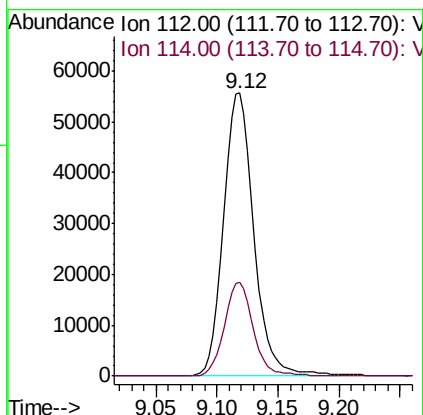
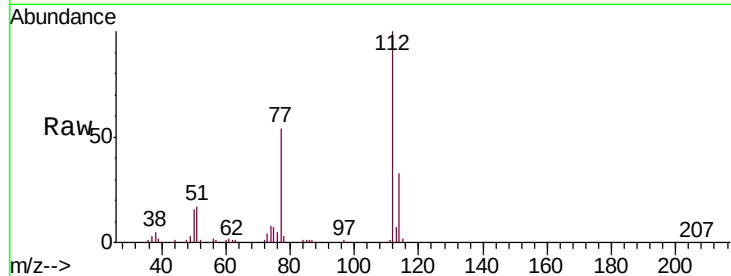




#59
Chlorobenzene
Concen: 1.993 ug/l
RT: 9.12 min Scan# 2497
Delta R.T. 0.00 min
Lab File: VU029674.D
Acq: 26 Feb 2019 11:41

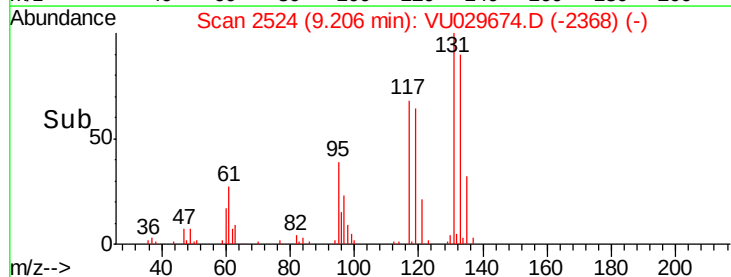
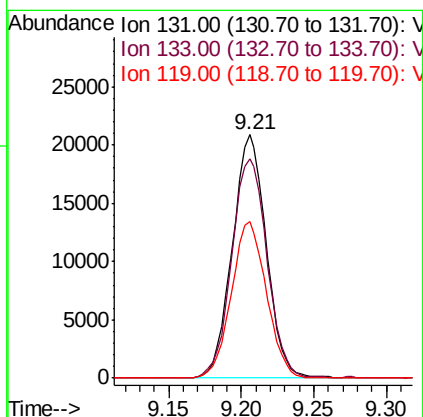
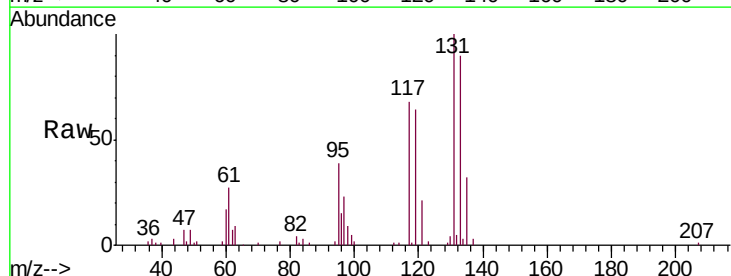
Instrument :
MSVOA_U
ClientSampleId :
VU0226WBSD01

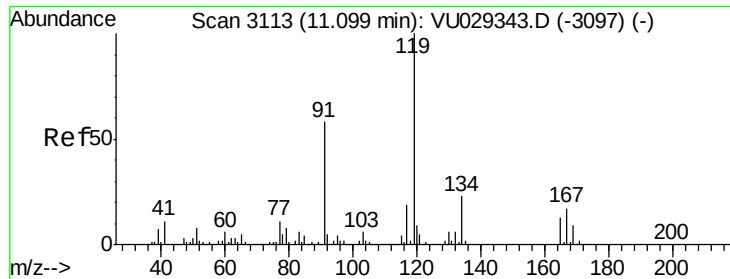
Tgt Ion:112 Resp: 97389
Ion Ratio Lower Upper
112 100
114 33.3 26.2 39.4



#60
1,1,1,2-Tetrachloroethane
Concen: 1.881 ug/l
RT: 9.21 min Scan# 2524
Delta R.T. 0.00 min
Lab File: VU029674.D
Acq: 26 Feb 2019 11:41

Tgt Ion:131 Resp: 33973
Ion Ratio Lower Upper
131 100
133 94.0 77.3 115.9
119 66.0 48.9 73.3

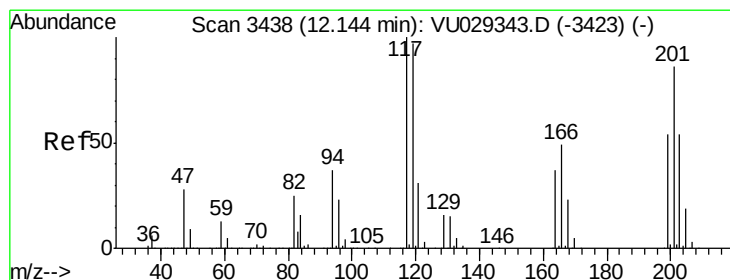
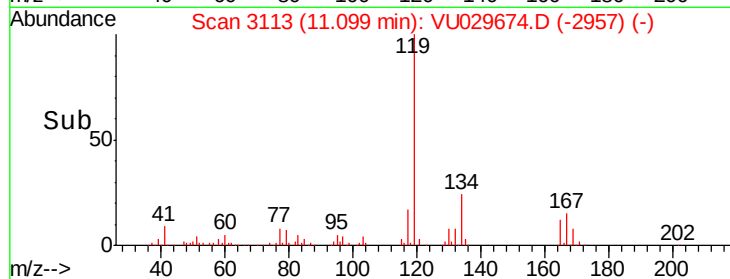
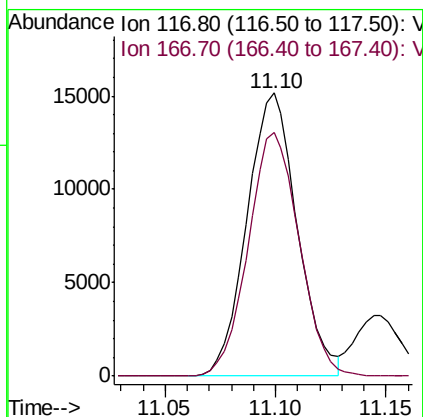
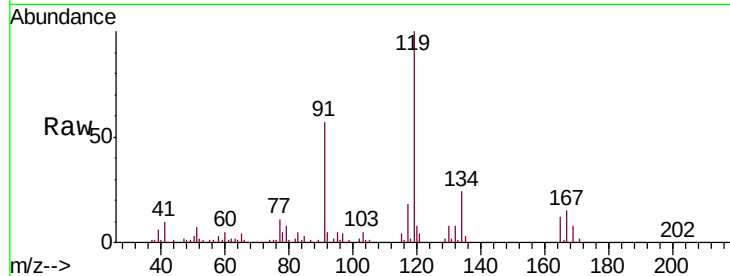




#61
 Pentachloroethane
 Concen: 1.717 ug/l
 RT: 11.10 min Scan# 3113
 Delta R.T. 0.00 min
 Lab File: VU029674.D
 Acq: 26 Feb 2019 11:41

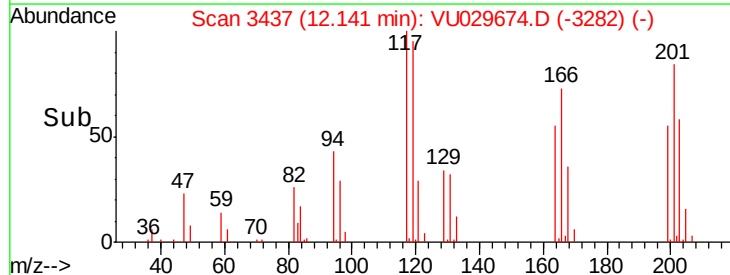
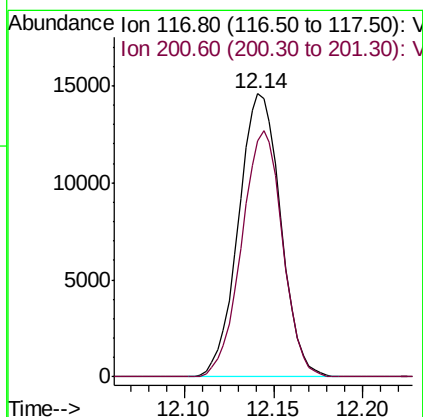
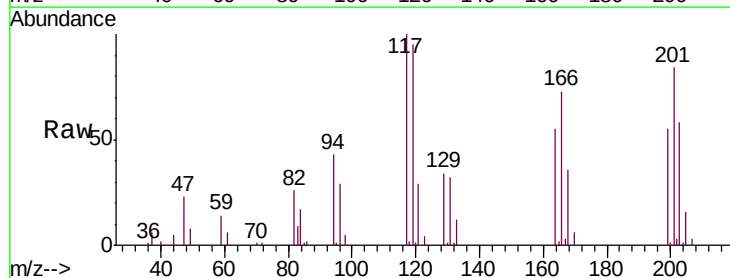
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0226WBSD01

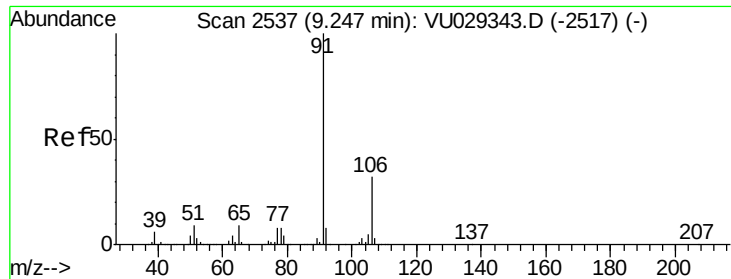
Tgt Ion:117 Resp: 24029
 Ion Ratio Lower Upper
 117 100
 167 87.0 65.9 98.9



#62
 Hexachloroethane
 Concen: 1.573 ug/l
 RT: 12.14 min Scan# 3437
 Delta R.T. -0.00 min
 Lab File: VU029674.D
 Acq: 26 Feb 2019 11:41

Tgt Ion:117 Resp: 24037
 Ion Ratio Lower Upper
 117 100
 201 84.2 68.2 102.2





#63

Ethyl Benzene

Concen: 1.862 ug/l

RT: 9.25 min Scan# 2537

Delta R.T. 0.00 min

Lab File: VU029674.D

Acq: 26 Feb 2019 11:41

Instrument :

MSVOA_U

ClientSampleId :

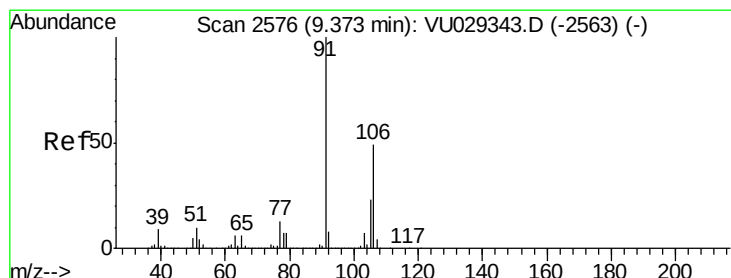
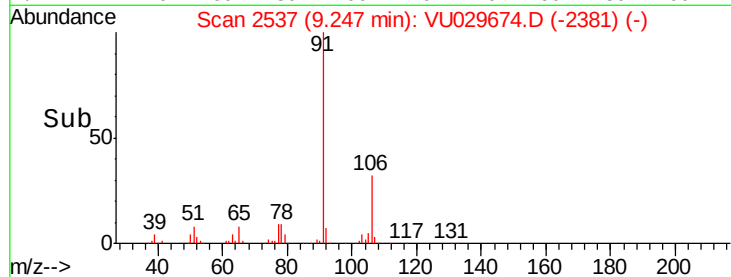
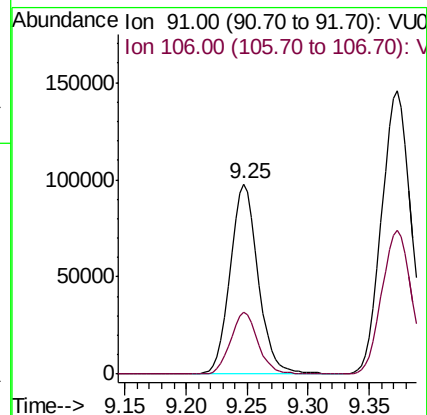
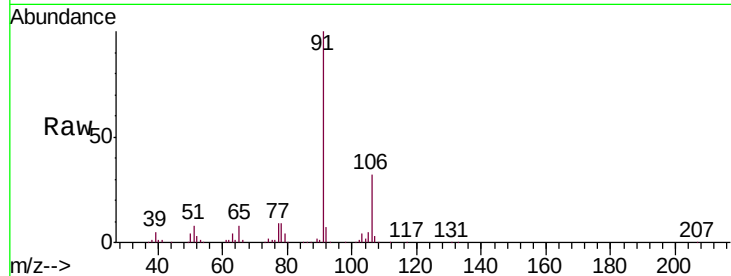
VU0226WBSD01

Tgt Ion: 91 Resp: 158000

Ion Ratio Lower Upper

91 100

106 32.2 23.8 35.6



#64

m/p-Xylenes

Concen: 3.835 ug/l

RT: 9.37 min Scan# 2576

Delta R.T. 0.00 min

Lab File: VU029674.D

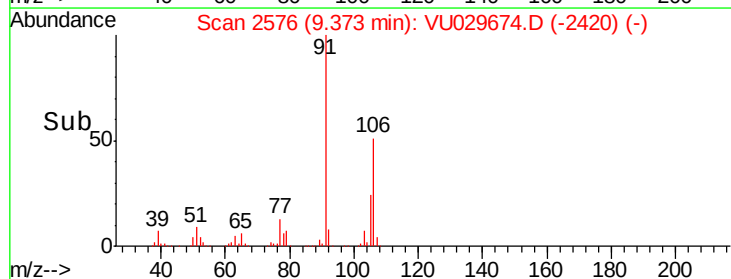
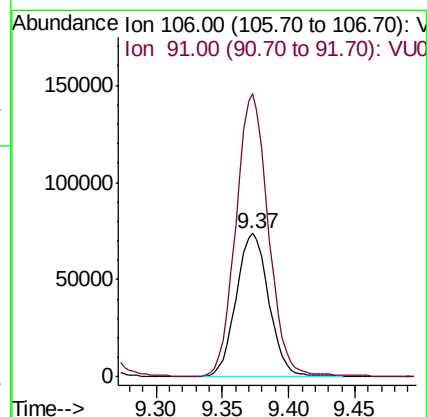
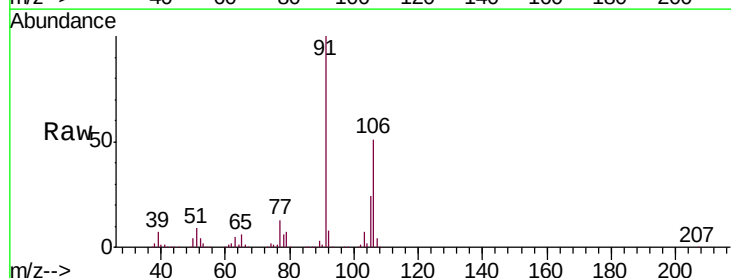
Acq: 26 Feb 2019 11:41

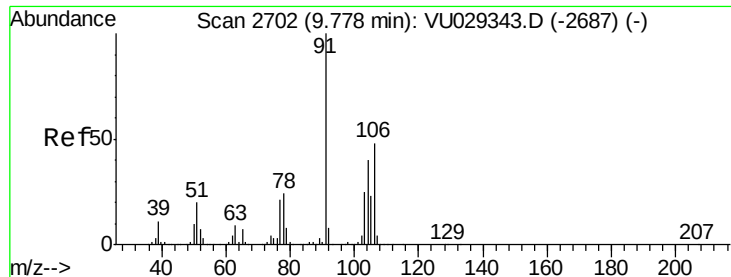
Tgt Ion: 106 Resp: 126492

Ion Ratio Lower Upper

106 100

91 195.8 174.6 261.8





#65

o-Xylene

Concen: 1.868 ug/l

RT: 9.77 min Scan# 2701

Delta R.T. -0.00 min

Lab File: VU029674.D

Acq: 26 Feb 2019 11:41

Instrument :

MSVOA_U

ClientSampleId :

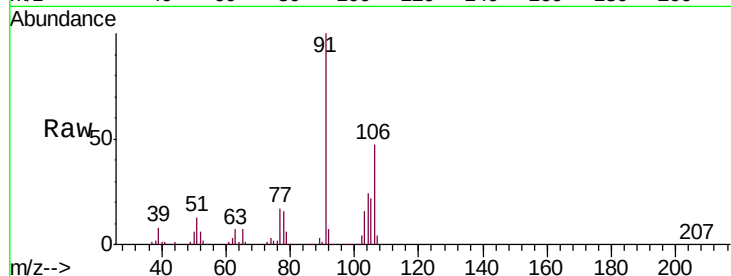
VU0226WBSD01

Tgt Ion:106 Resp: 60475

Ion Ratio Lower Upper

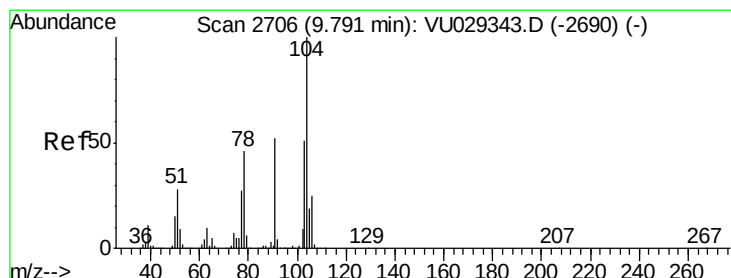
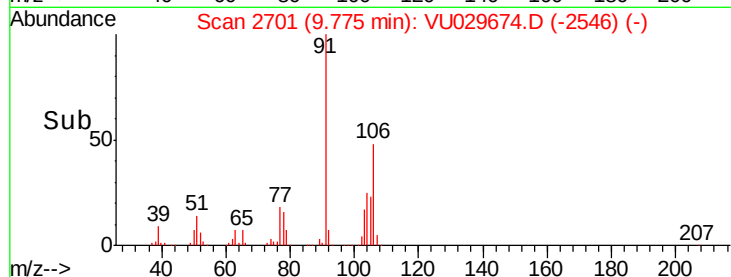
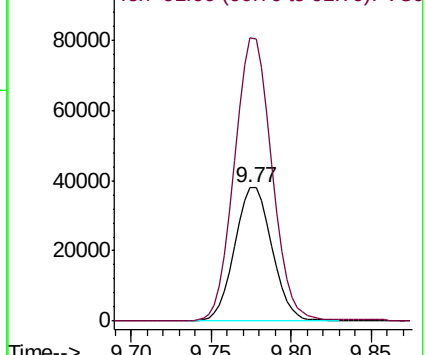
106 100

91 213.3 114.5 343.4



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VU0



#66

Styrene

Concen: 1.873 ug/l

RT: 9.79 min Scan# 2706

Delta R.T. 0.00 min

Lab File: VU029674.D

Acq: 26 Feb 2019 11:41

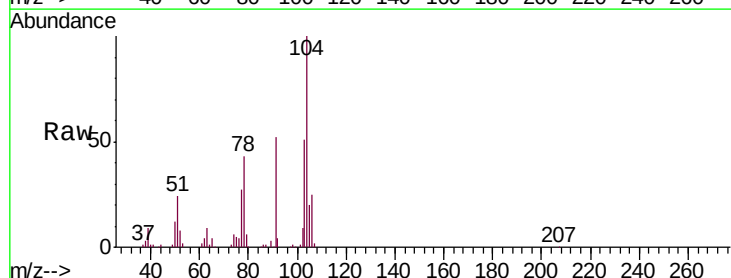
Tgt Ion:104 Resp: 101101

Ion Ratio Lower Upper

104 100

78 46.4 46.5 69.7#

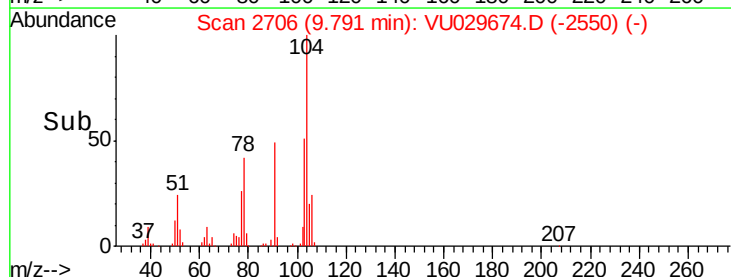
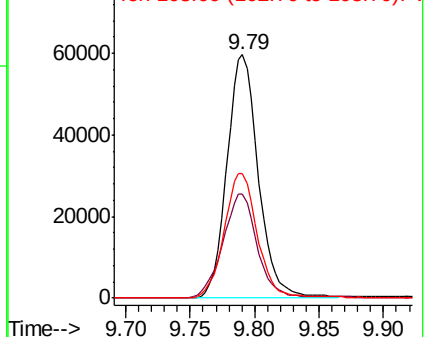
103 54.4 44.7 67.1

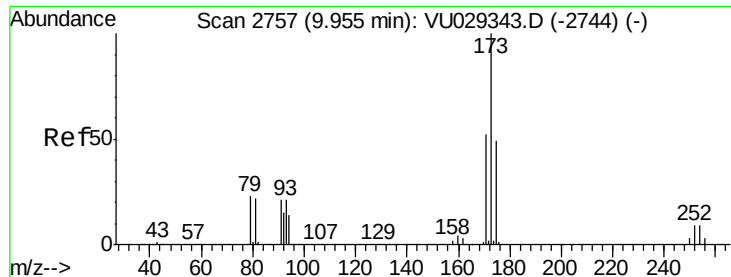


Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VU0

Ion 103.00 (102.70 to 103.70): V

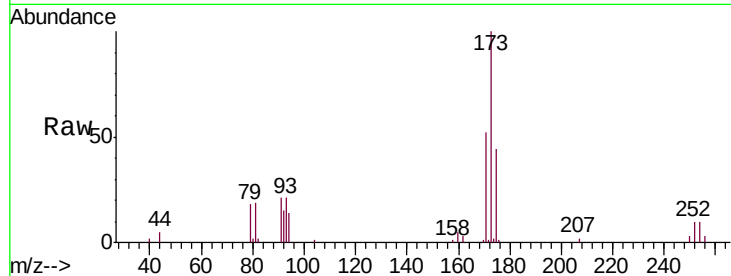




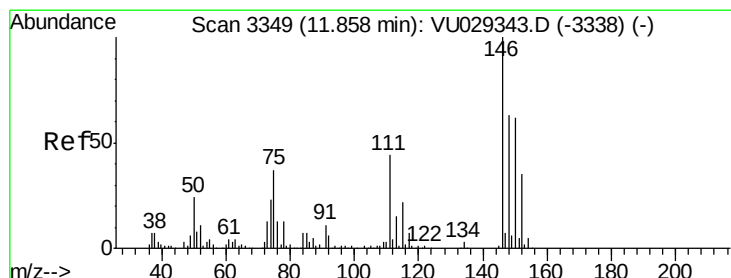
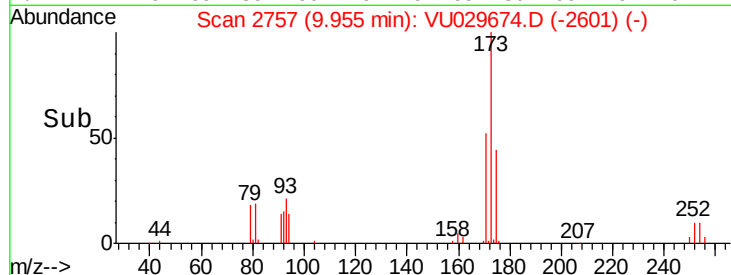
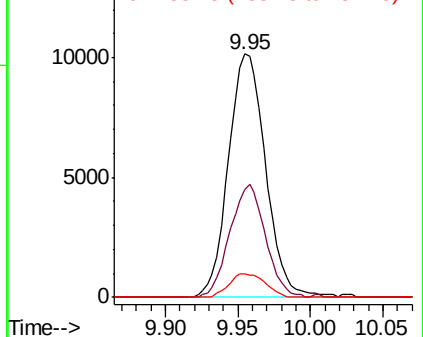
#67
Bromoform
Concen: 1.647 ug/l
RT: 9.95 min Scan# 2757
Delta R.T. 0.00 min
Lab File: VU029674.D
Acq: 26 Feb 2019 11:41

Instrument :
MSVOA_U
ClientSampleId :
VU0226WBSD01

Tgt Ion:173 Resp: 18123
Ion Ratio Lower Upper
173 100
175 44.0 38.9 58.3
254 9.4 7.4 11.2

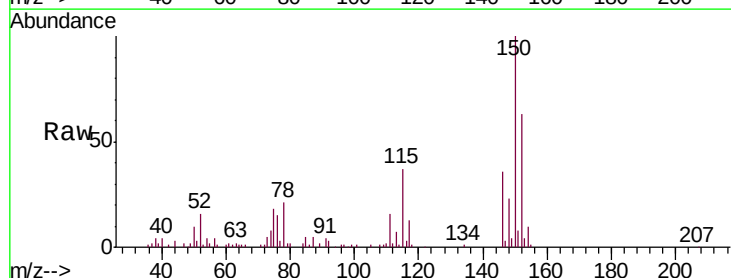


Abundance Ion 172.90 (172.60 to 173.60): V
Ion 174.90 (174.60 to 175.60): V
Ion 253.75 (253.45 to 254.45): V

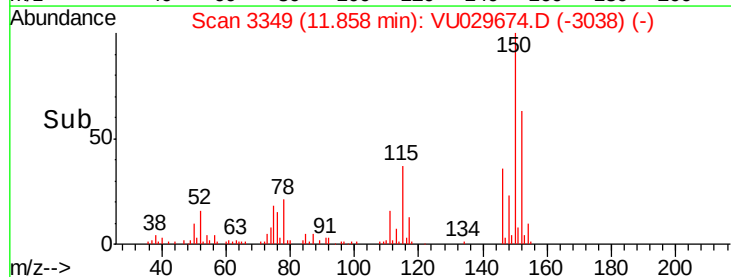
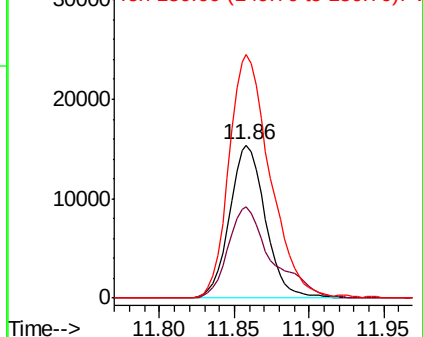


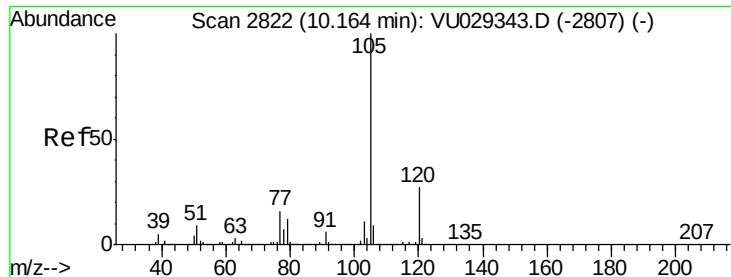
#68
1,2-Dichlorobenzene-d4
Concen: 1.647 ug/l
RT: 11.86 min Scan# 3349
Delta R.T. 0.00 min
Lab File: VU029674.D
Acq: 26 Feb 2019 11:41

Tgt Ion:152 Resp: 25525
Ion Ratio Lower Upper
152 100
115 72.8 0.0 133.4
150 182.9 0.0 670.8



Abundance Ion 152.00 (151.70 to 152.70): V
Ion 115.00 (114.70 to 115.70): V
Ion 150.00 (149.70 to 150.70): V





#69

Isopropylbenzene

Concen: 1.877 ug/l

RT: 10.16 min Scan# 2822

Delta R.T. 0.00 min

Lab File: VU029674.D

Acq: 26 Feb 2019 11:41

Instrument :

MSVOA_U

ClientSampleId :

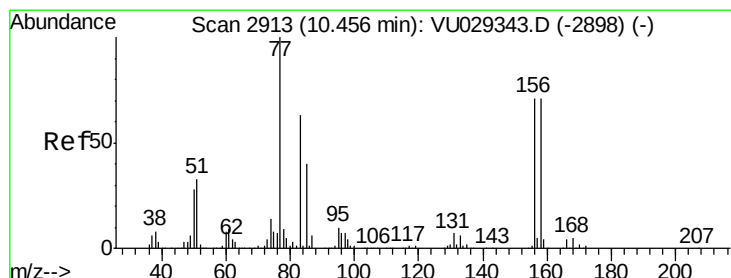
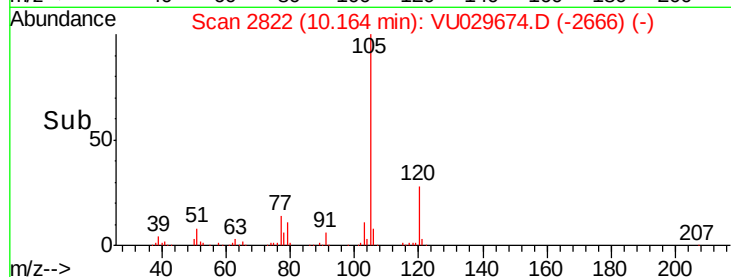
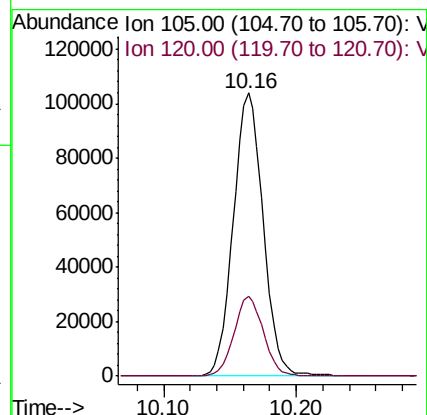
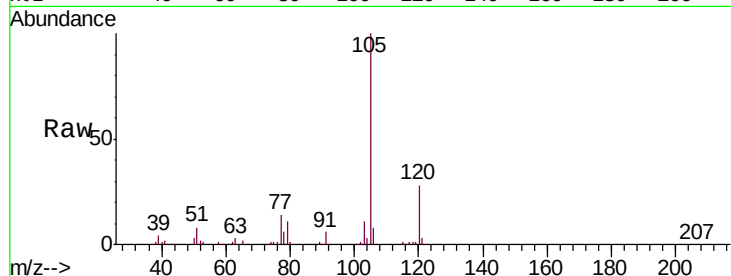
VU0226WBSD01

Tgt Ion:105 Resp: 162342

Ion Ratio Lower Upper

105 100

120 27.7 12.6 37.6



#70

1,1,2,2-Tetrachloroethane

Concen: 2.022 ug/l

RT: 10.45 min Scan# 2912

Delta R.T. -0.00 min

Lab File: VU029674.D

Acq: 26 Feb 2019 11:41

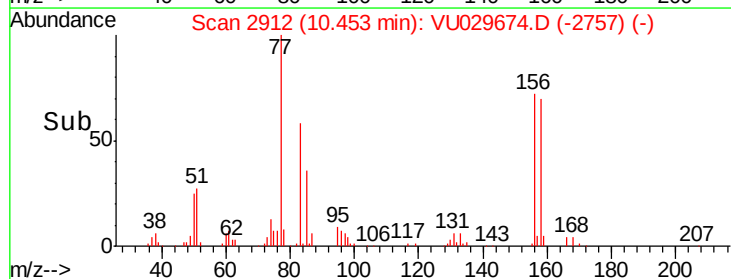
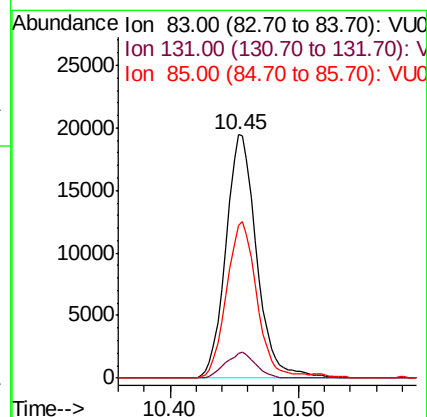
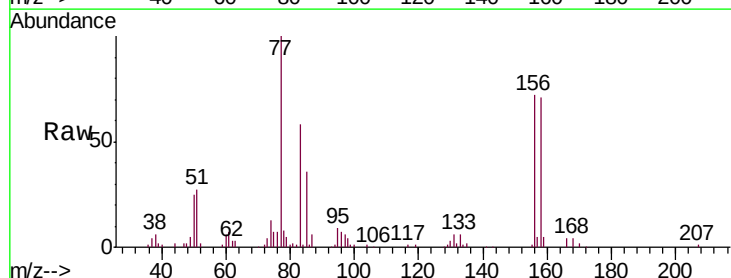
Tgt Ion: 83 Resp: 32244

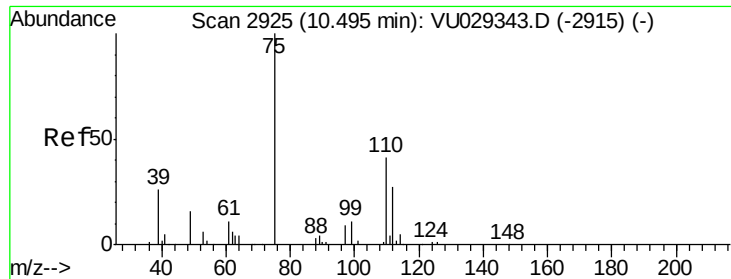
Ion Ratio Lower Upper

83 100

131 10.4 8.1 12.1

85 63.4 50.3 75.5

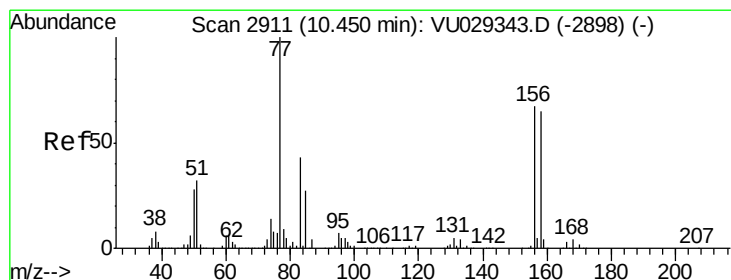
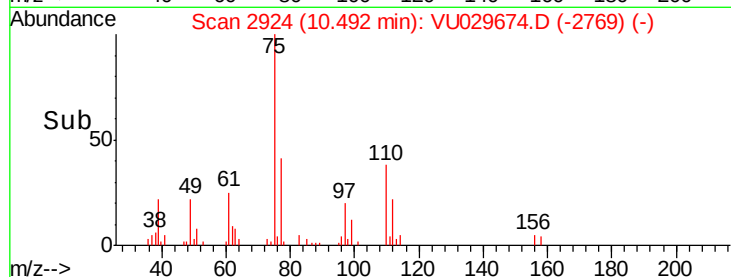
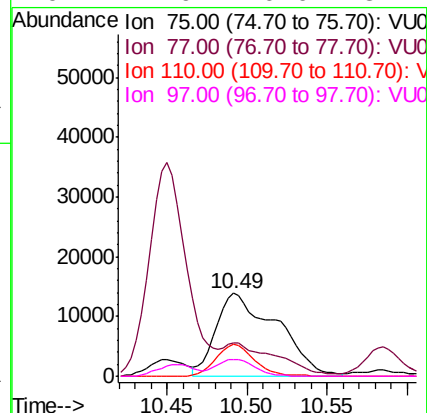
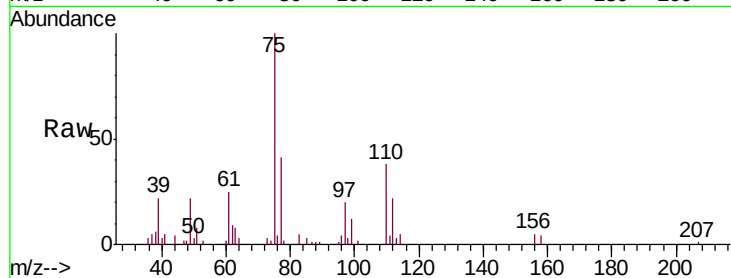




#71
 1,2,3-Trichloropropane
 Concen: 3.322 ug/l
 RT: 10.49 min Scan# 2924
 Delta R.T. -0.00 min
 Lab File: VU029674.D
 Acq: 26 Feb 2019 11:41

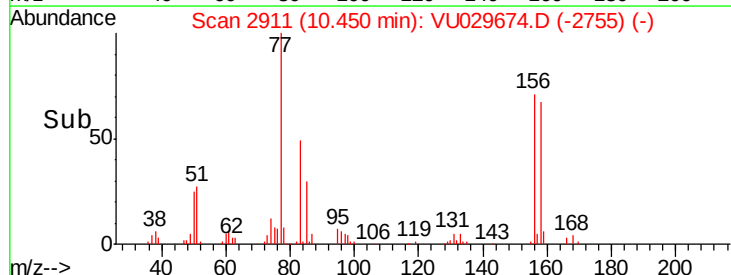
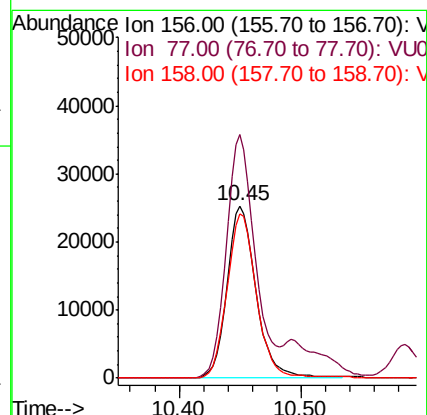
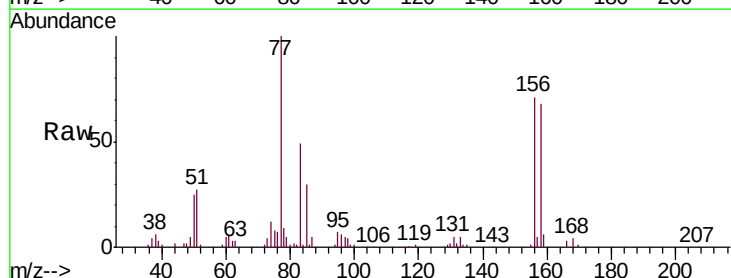
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0226WBSD01

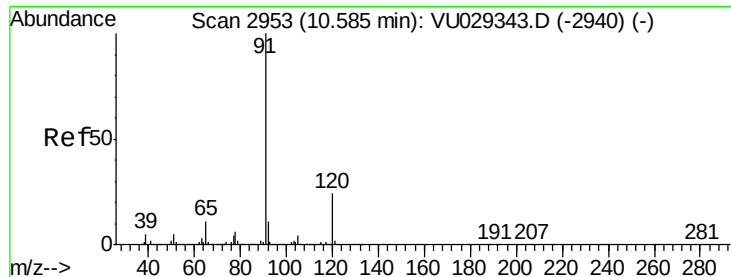
Tgt Ion:	75	Resp:	36385
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0
110	24.3	0.0	63.6
97	12.9	0.0	31.4



#72
 Bromobenzene
 Concen: 2.015 ug/l
 RT: 10.45 min Scan# 2911
 Delta R.T. 0.00 min
 Lab File: VU029674.D
 Acq: 26 Feb 2019 11:41

Tgt Ion:	156	Resp:	42253
Ion	Ratio	Lower	Upper
156	100		
77	140.4	0.0	343.8
158	95.8	0.0	195.0





#73

n-propylbenzene

Concen: 1.846 ug/l

RT: 10.58 min Scan# 2953

Delta R.T. 0.00 min

Lab File: VU029674.D

Acq: 26 Feb 2019 11:41

Instrument :

MSVOA_U

ClientSampleId :

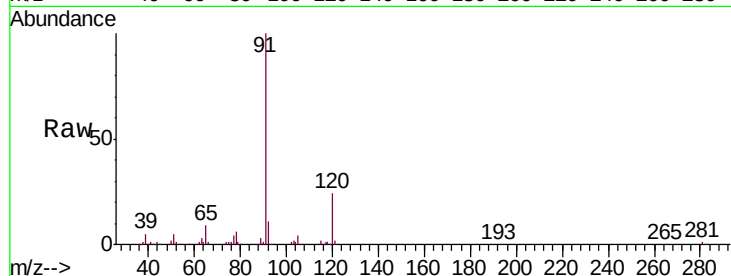
VU0226WBSD01

Tgt Ion:120 Resp: 44473

Ion Ratio Lower Upper

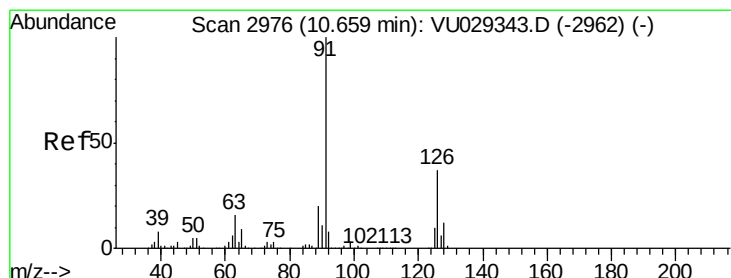
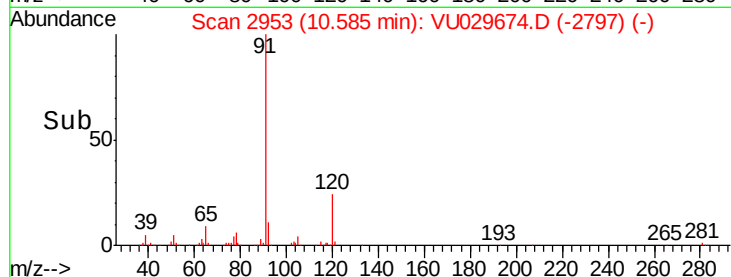
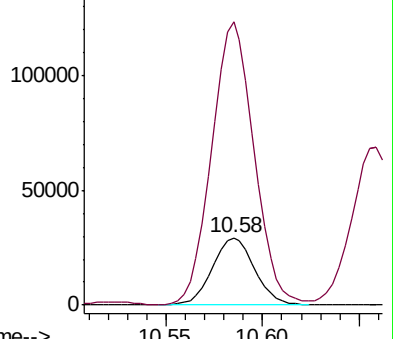
120 100

91 421.4 370.0 555.0



Abundance Ion 120.00 (119.70 to 120.70): V

Ion 91.00 (90.70 to 91.70): VU0



#74

2-Chlorotoluene

Concen: 1.935 ug/l

RT: 10.66 min Scan# 2976

Delta R.T. 0.00 min

Lab File: VU029674.D

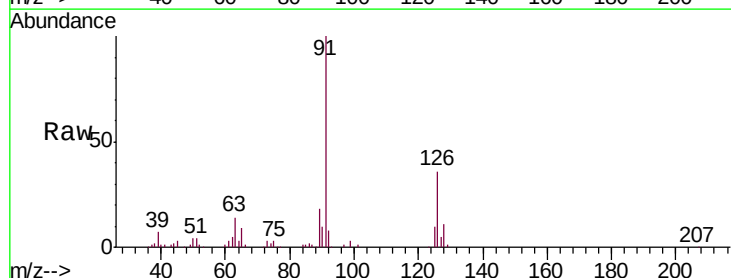
Acq: 26 Feb 2019 11:41

Tgt Ion:126 Resp: 39696

Ion Ratio Lower Upper

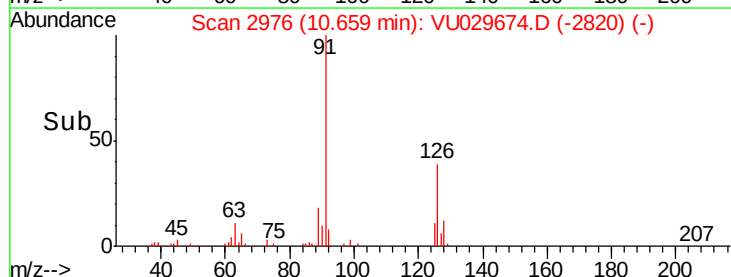
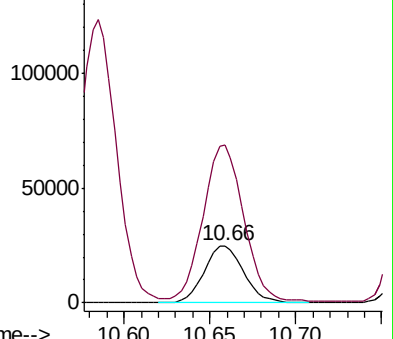
126 100

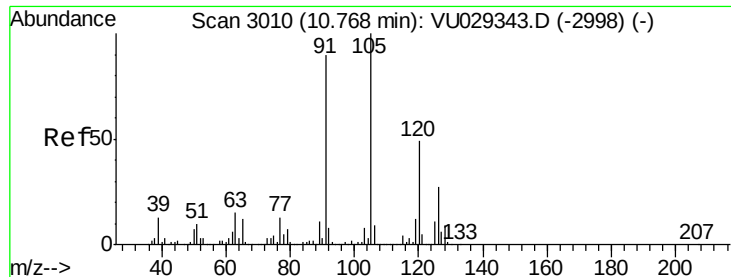
91 281.7 0.0 643.0



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: 1.811 ug/l

RT: 10.77 min Scan# 3010

Delta R.T. 0.00 min

Lab File: VU029674.D

Acq: 26 Feb 2019 11:41

Instrument :

MSVOA_U

ClientSampleId :

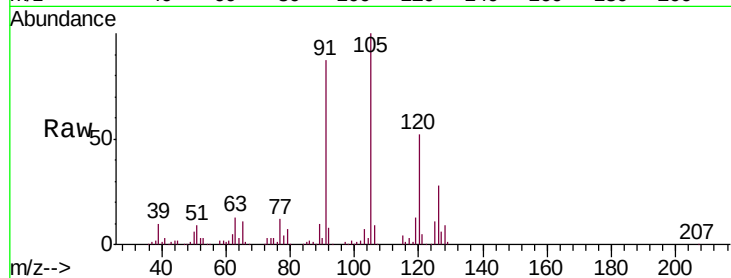
VU0226WBSD01

Tgt Ion:105 Resp: 135090

Ion Ratio Lower Upper

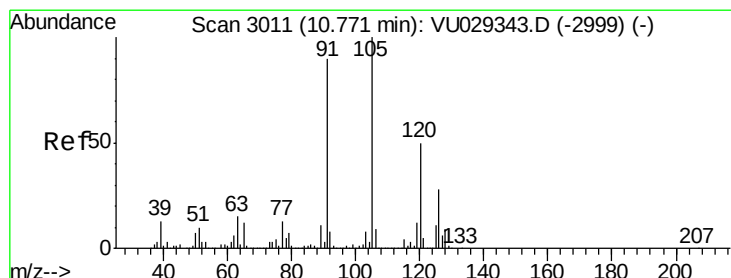
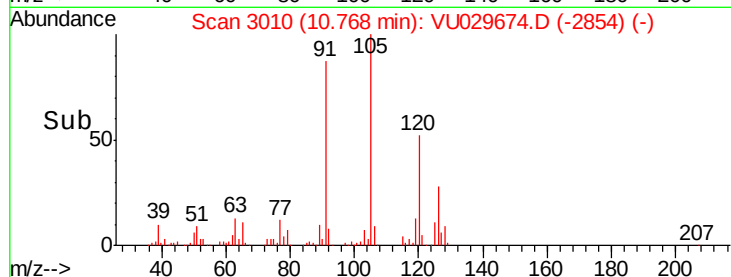
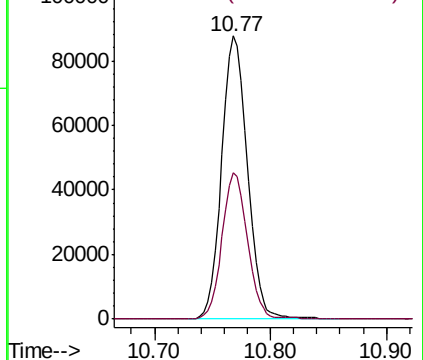
105 100

120 51.2 37.3 55.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#76

4-Chlorotoluene

Concen: 1.861 ug/l

RT: 10.77 min Scan# 3011

Delta R.T. 0.00 min

Lab File: VU029674.D

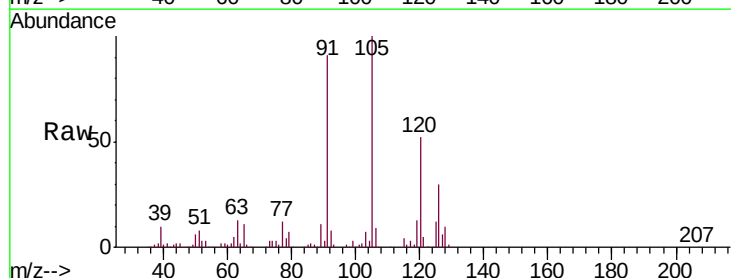
Acq: 26 Feb 2019 11:41

Tgt Ion:126 Resp: 39636

Ion Ratio Lower Upper

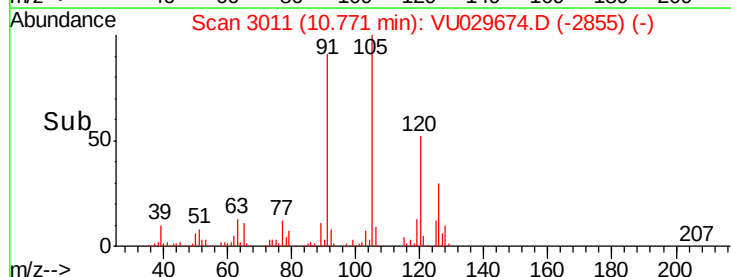
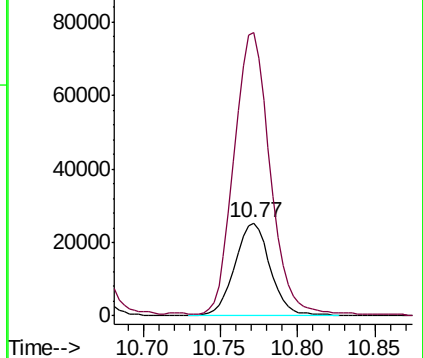
126 100

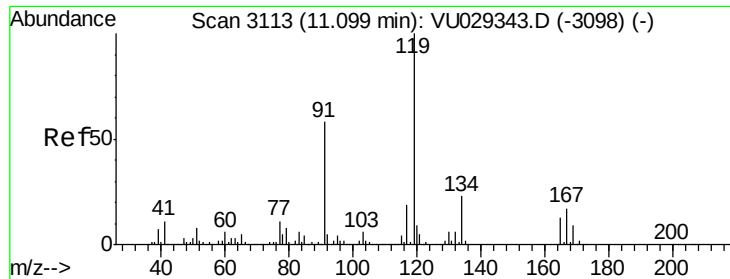
91 310.6 0.0 727.4



Abundance Ion 126.00 (125.70 to 126.70): V

Ion 91.00 (90.70 to 91.70): VU0

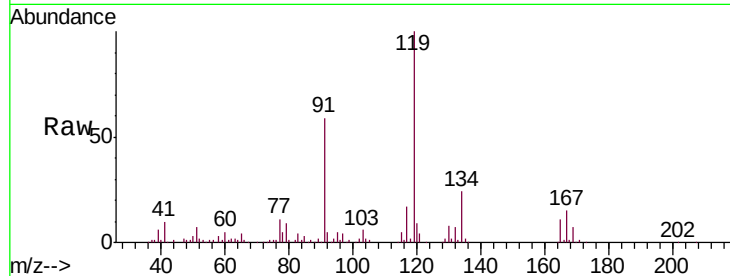




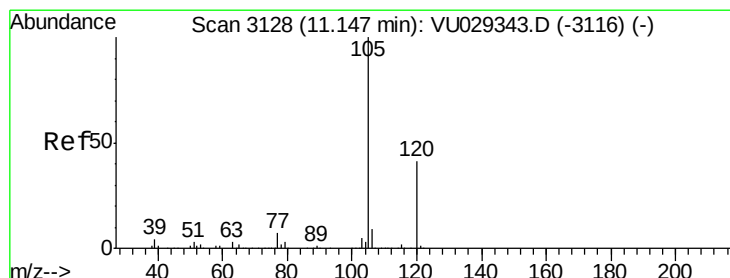
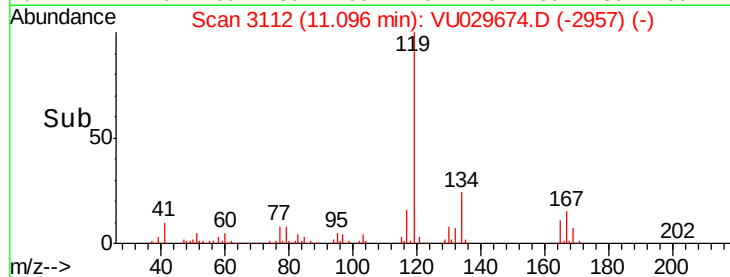
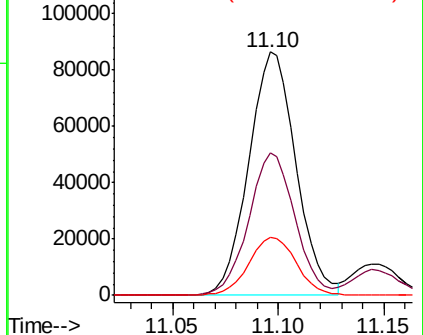
#77
 tert-Butylbenzene
 Concen: 1.826 ug/l
 RT: 11.10 min Scan# 3112
 Delta R.T. -0.00 min
 Lab File: VU029674.D
 Acq: 26 Feb 2019 11:41

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0226WBSD01

Tgt Ion:119 Resp: 134597
 Ion Ratio Lower Upper
 119 100
 91 57.2 32.2 96.6
 134 24.1 17.6 26.4

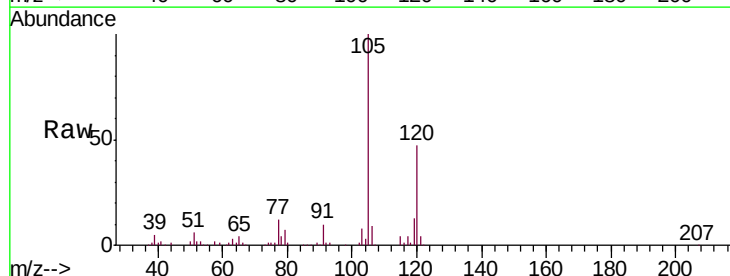


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): VU0
 Ion 134.00 (133.70 to 134.70): V

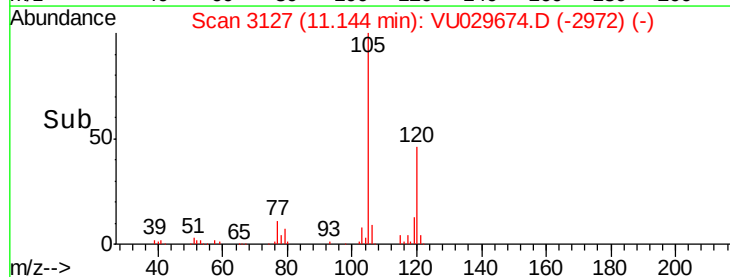
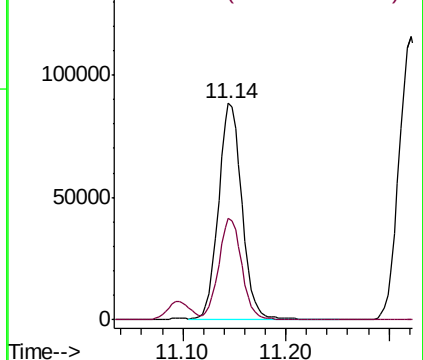


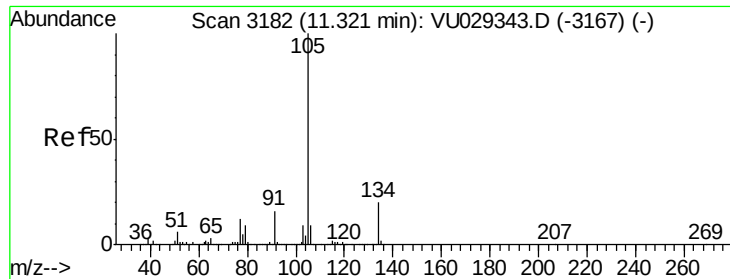
#78
 1,2,4-Trimethylbenzene
 Concen: 1.842 ug/l
 RT: 11.14 min Scan# 3127
 Delta R.T. -0.00 min
 Lab File: VU029674.D
 Acq: 26 Feb 2019 11:41

Tgt Ion:105 Resp: 139092
 Ion Ratio Lower Upper
 105 100
 120 45.8 21.4 64.3



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

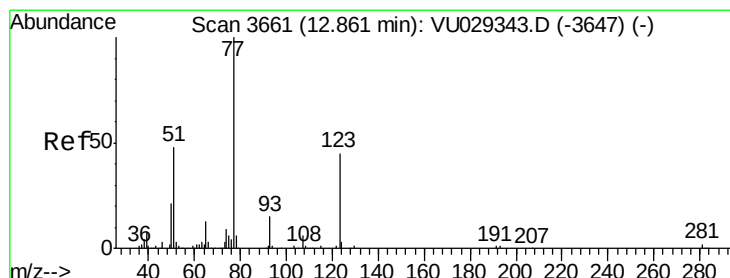
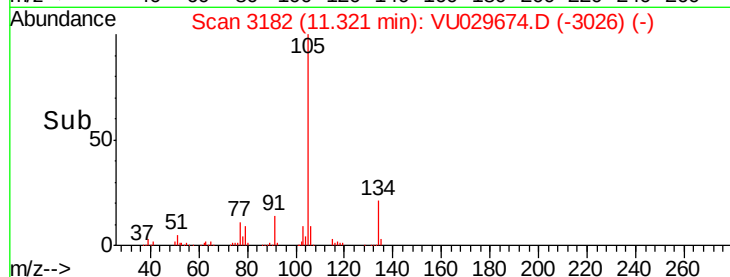
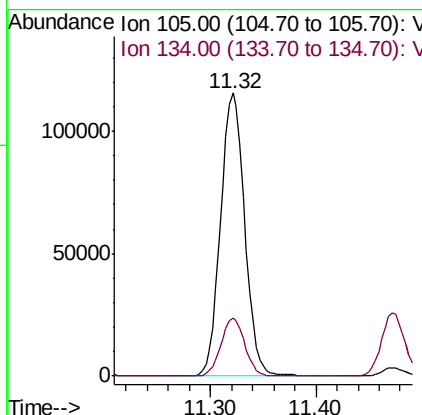
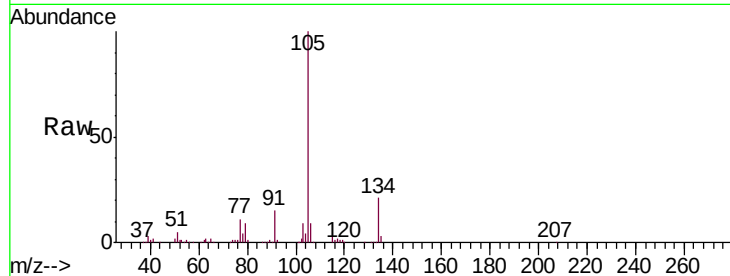




#79
 sec-Butylbenzene
 Concen: 1.898 ug/l
 RT: 11.32 min Scan# 3182
 Delta R.T. 0.00 min
 Lab File: VU029674.D
 Acq: 26 Feb 2019 11:41

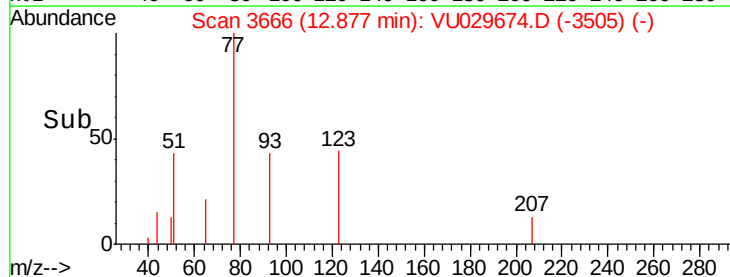
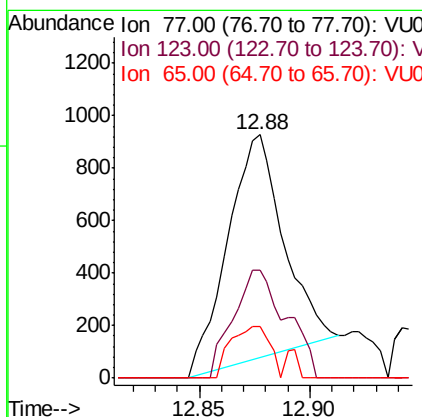
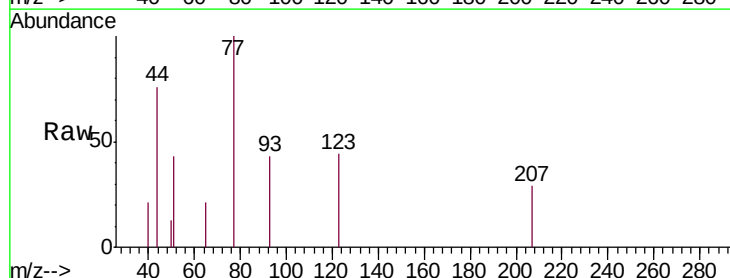
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0226WBSD01

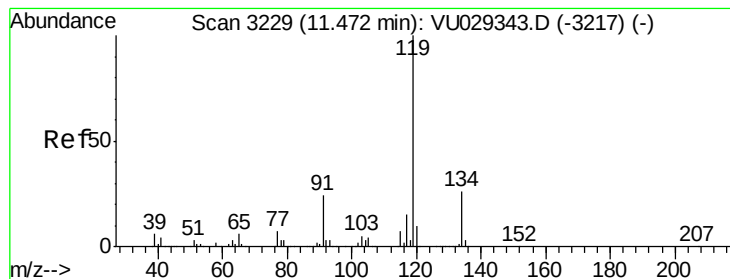
Tgt Ion: 105 Resp: 183075
 Ion Ratio Lower Upper
 105 100
 134 20.2 15.0 22.6



#80
 Nitrobenzene
 Concen: 2.131 ug/l
 RT: 12.88 min Scan# 3666
 Delta R.T. 0.02 min
 Lab File: VU029674.D
 Acq: 26 Feb 2019 11:41

Tgt Ion: 77 Resp: 1514
 Ion Ratio Lower Upper
 77 100
 123 45.2 17.5 61.9
 65 16.0 10.8 13.8#





#81

p-Isopropyltoluene

Concen: 1.860 ug/l

RT: 11.47 min Scan# 3229

Delta R.T. 0.00 min

Lab File: VU029674.D

Acq: 26 Feb 2019 11:41

Instrument :

MSVOA_U

ClientSampleId :

VU0226WBSD01

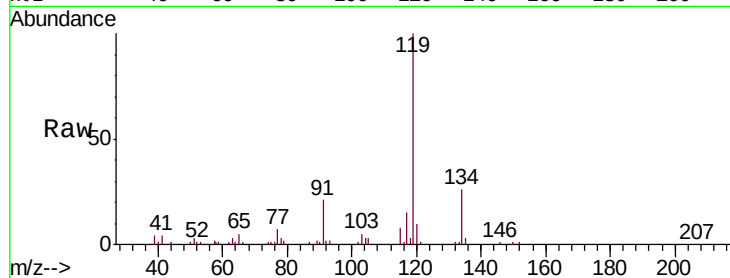
Tgt Ion:119 Resp: 152109

Ion Ratio Lower Upper

119 100

134 26.3 19.8 29.6

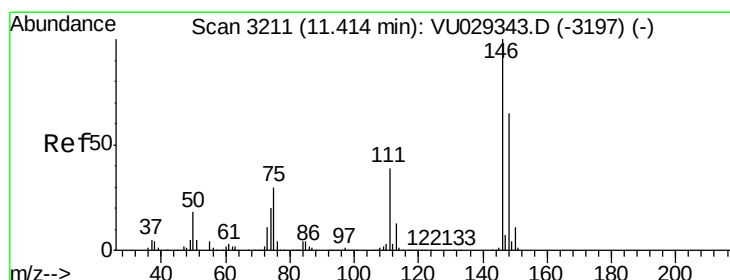
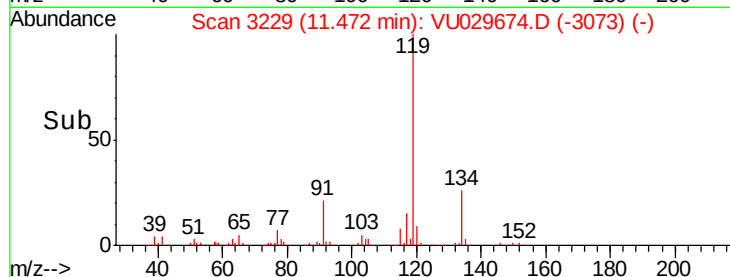
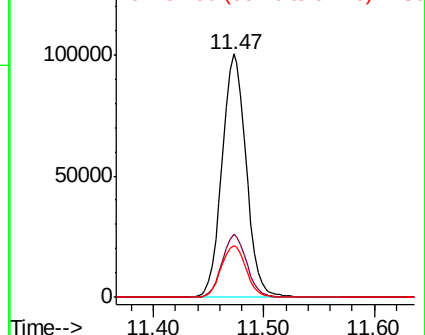
91 22.0 21.5 32.3



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VU



#82

1,3-Dichlorobenzene

Concen: 2.030 ug/l

RT: 11.41 min Scan# 3211

Delta R.T. 0.00 min

Lab File: VU029674.D

Acq: 26 Feb 2019 11:41

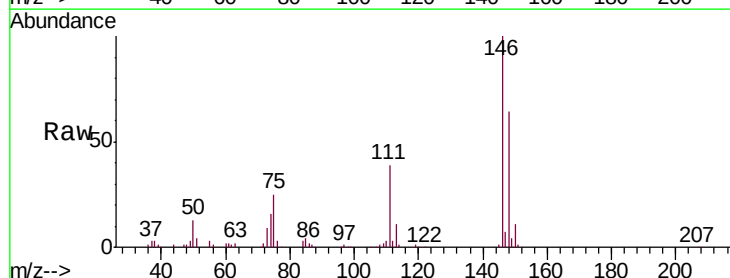
Tgt Ion:146 Resp: 83522

Ion Ratio Lower Upper

146 100

111 38.5 34.1 51.1

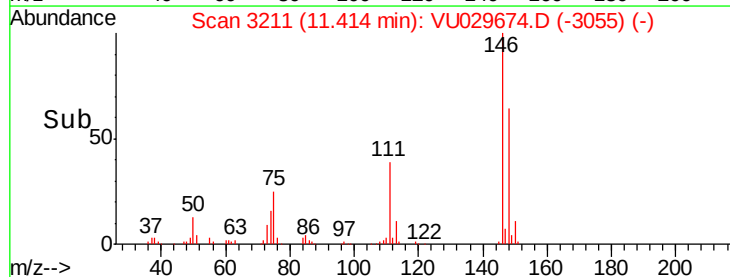
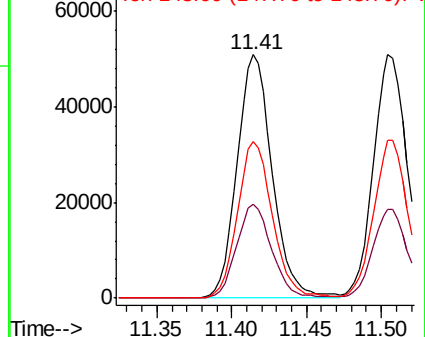
148 63.9 52.3 78.5

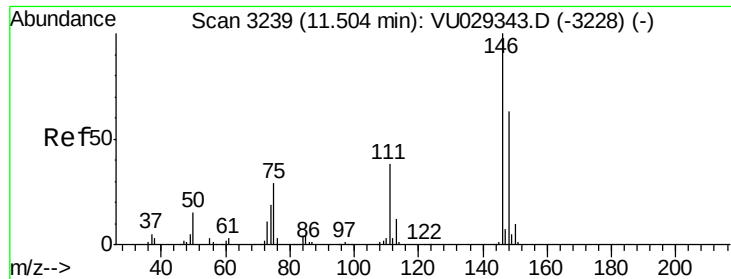


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

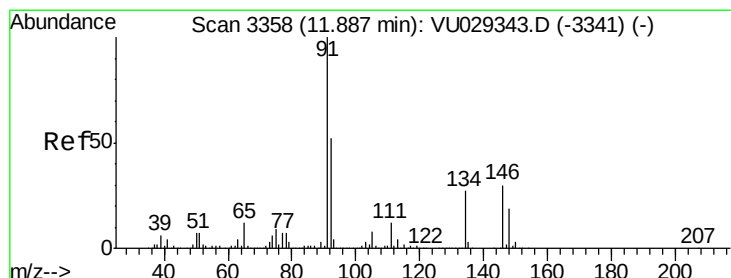
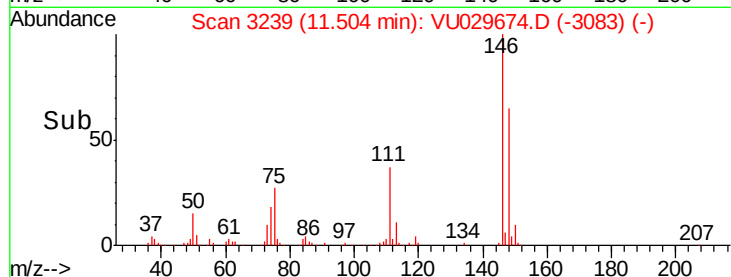
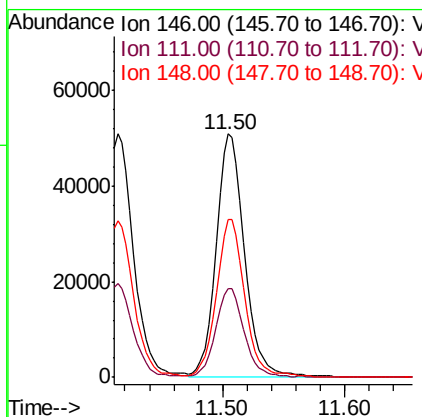
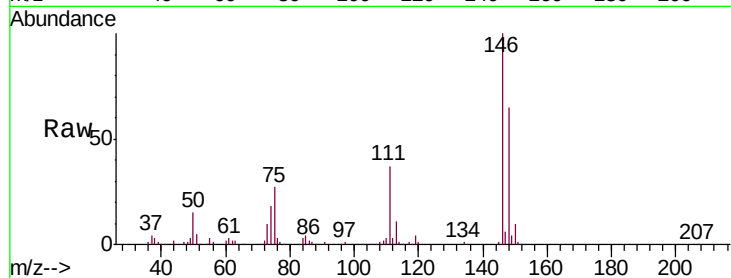




#83
 1,4-Dichlorobenzene
 Concen: 2.015 ug/l
 RT: 11.50 min Scan# 3239
 Delta R.T. 0.00 min
 Lab File: VU029674.D
 Acq: 26 Feb 2019 11:41

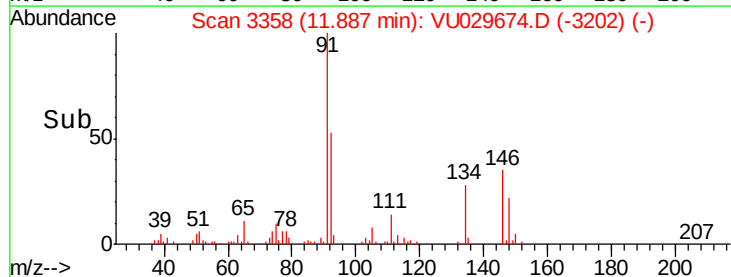
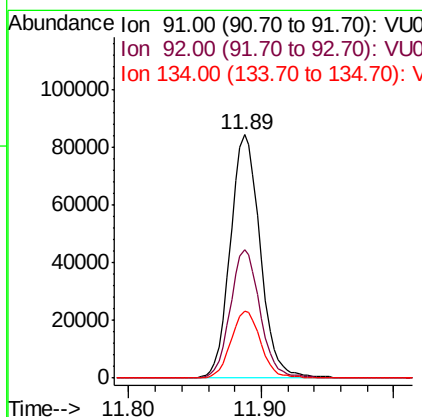
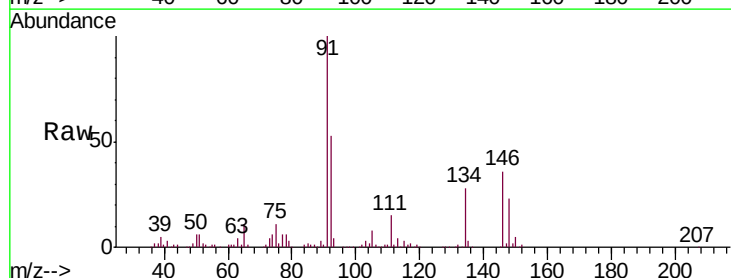
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0226WBSD01

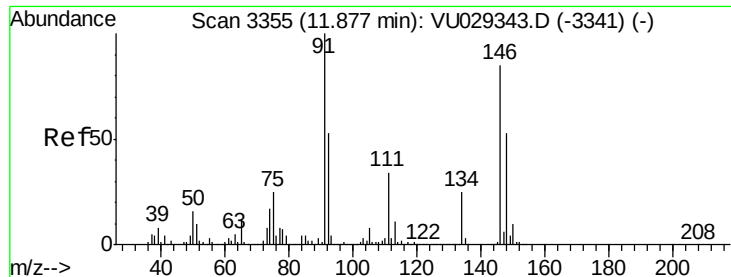
Tgt Ion: 146 Resp: 82554
 Ion Ratio Lower Upper
 146 100
 111 36.1 32.9 49.3
 148 64.9 51.8 77.6



#84
 n-Butylbenzene
 Concen: 1.762 ug/l
 RT: 11.89 min Scan# 3358
 Delta R.T. 0.00 min
 Lab File: VU029674.D
 Acq: 26 Feb 2019 11:41

Tgt Ion: 91 Resp: 132229
 Ion Ratio Lower Upper
 91 100
 92 52.6 41.0 61.6
 134 27.4 19.1 28.7

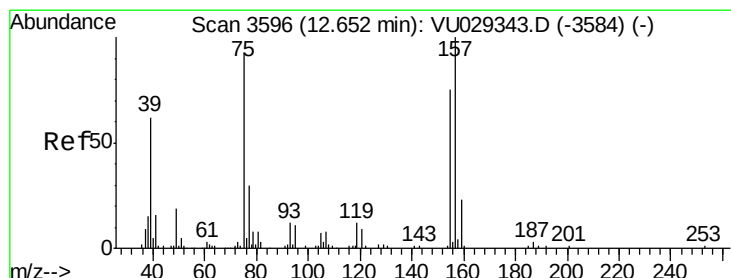
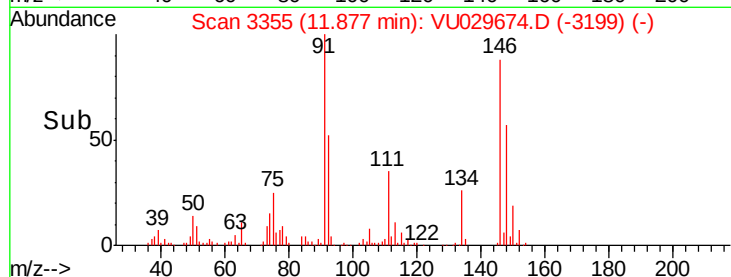
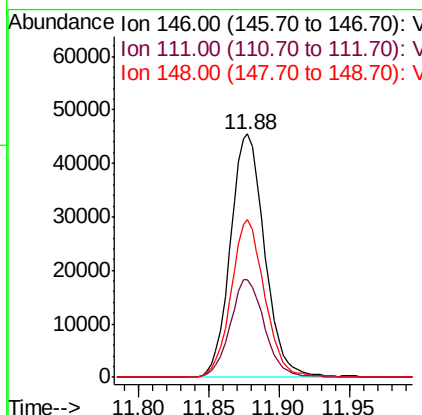
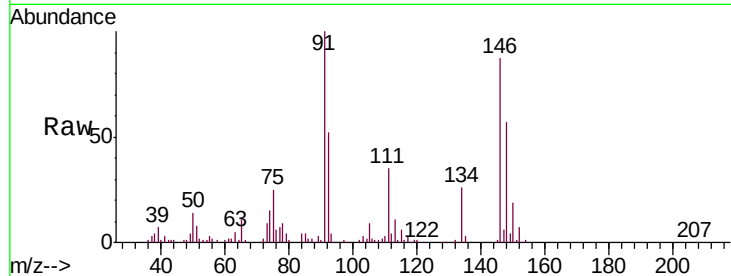




#85
 1,2-Dichlorobenzene
 Concen: 1.991 ug/l
 RT: 11.88 min Scan# 3355
 Delta R.T. 0.00 min
 Lab File: VU029674.D
 Acq: 26 Feb 2019 11:41

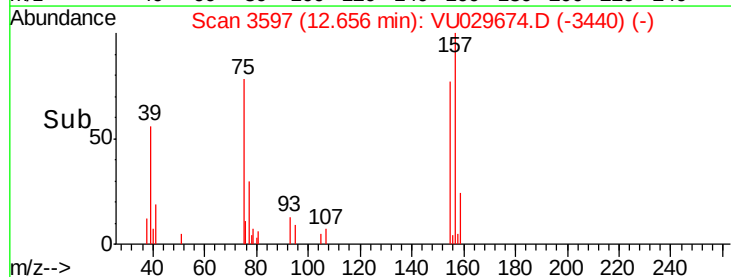
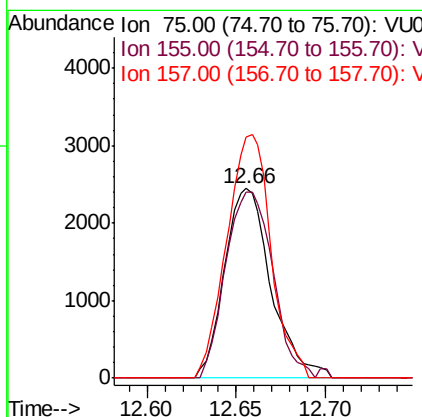
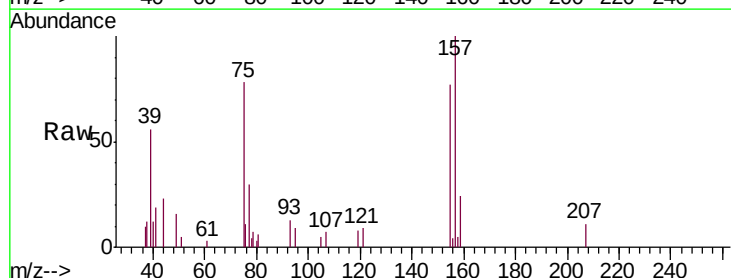
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0226WBSD01

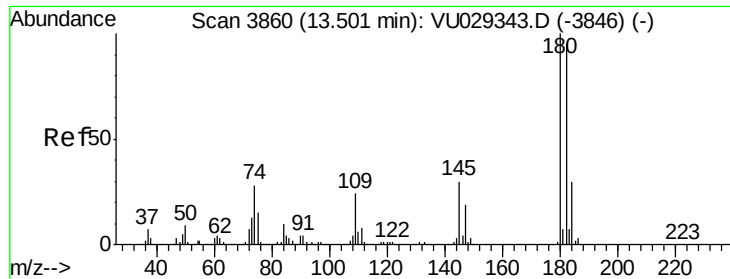
Tgt Ion: 146 Resp: 77425
 Ion Ratio Lower Upper
 146 100
 111 40.4 21.9 65.8
 148 63.7 31.8 95.3



#86
 1,2-Dibromo-3-Chloropropane
 Concen: 1.493 ug/l
 RT: 12.66 min Scan# 3597
 Delta R.T. 0.00 min
 Lab File: VU029674.D
 Acq: 26 Feb 2019 11:41

Tgt Ion: 75 Resp: 4443
 Ion Ratio Lower Upper
 75 100
 155 99.7 53.8 80.8#
 157 122.3 69.2 103.8#





#87

1,2,4-Trichlorobenzene

Concen: 1.898 ug/l

RT: 13.50 min Scan# 3860

Delta R.T. 0.00 min

Lab File: VU029674.D

Acq: 26 Feb 2019 11:41

Instrument :

MSVOA_U

ClientSampleId :

VU0226WBSD01

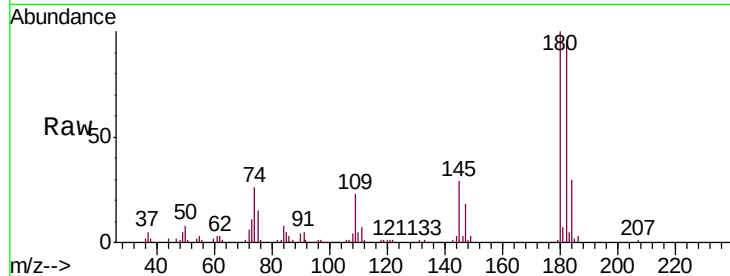
Tgt Ion:180 Resp: 51858

Ion Ratio Lower Upper

180 100

182 93.3 76.6 114.8

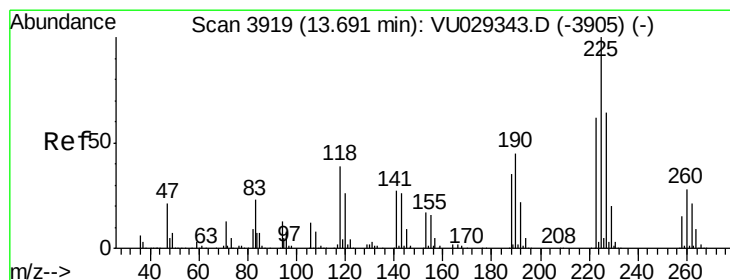
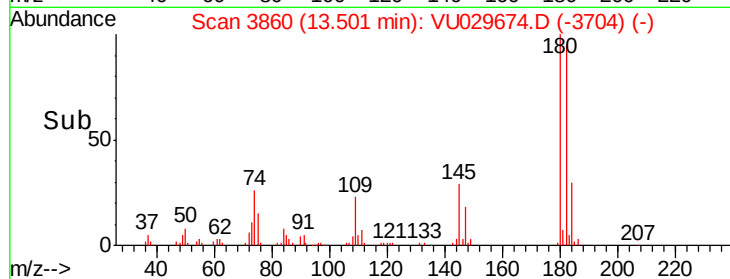
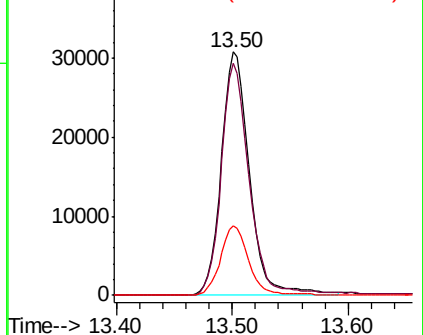
145 28.5 24.6 36.8



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: 2.037 ug/l

RT: 13.69 min Scan# 3919

Delta R.T. 0.00 min

Lab File: VU029674.D

Acq: 26 Feb 2019 11:41

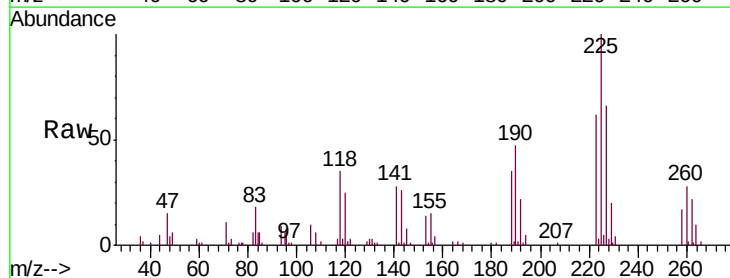
Tgt Ion:225 Resp: 32228

Ion Ratio Lower Upper

225 100

223 61.6 49.5 74.3

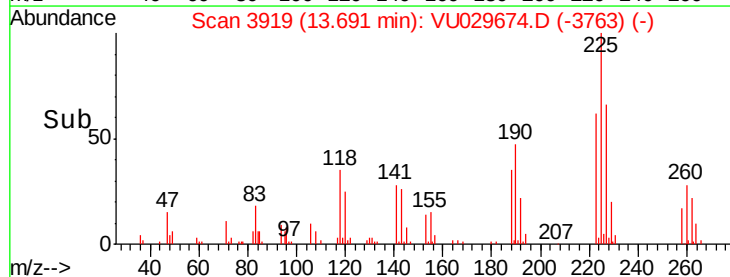
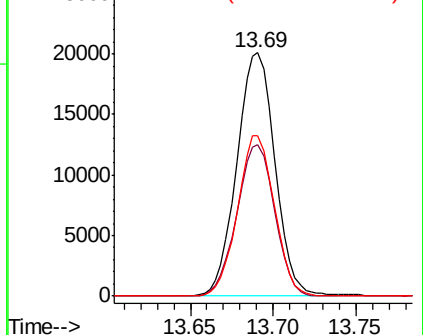
227 63.5 50.4 75.6

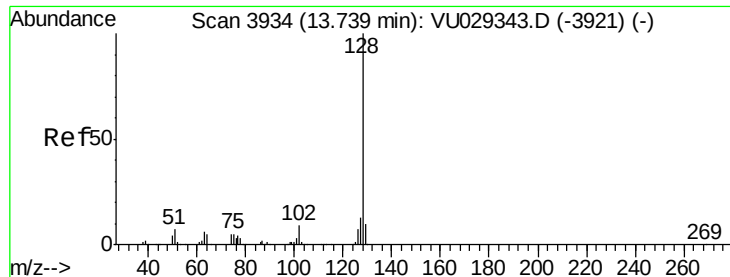


Abundance Ion 224.60 (224.30 to 225.30): V

Ion 222.60 (222.30 to 223.30): V

Ion 226.60 (226.30 to 227.30): V





#89

Naphthalene

Concen: 1.768 ug/l

RT: 13.74 min Scan# 3935

Delta R.T. 0.00 min

Lab File: VU029674.D

Acq: 26 Feb 2019 11:41

Instrument :

MSVOA_U

ClientSampleId :

VU0226WBSD01

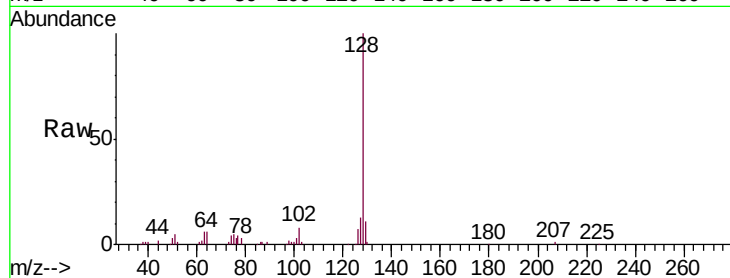
Tgt Ion:128 Resp: 81924

Ion Ratio Lower Upper

128 100

127 12.3 10.7 16.1

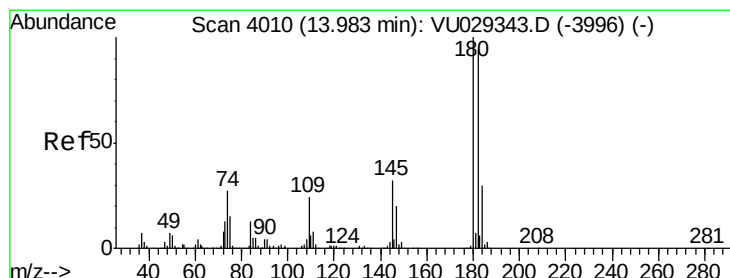
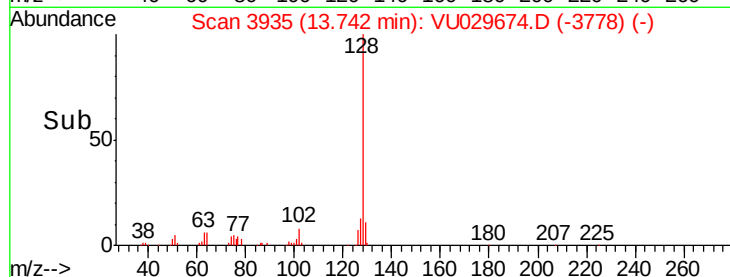
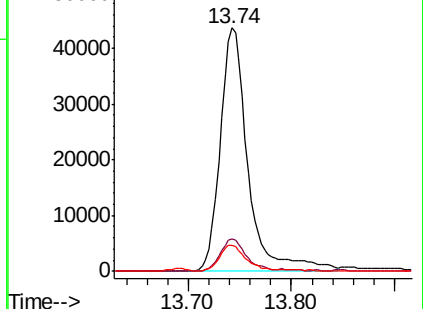
129 10.0 8.2 12.4



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: 1.942 ug/l

RT: 13.99 min Scan# 4011

Delta R.T. 0.00 min

Lab File: VU029674.D

Acq: 26 Feb 2019 11:41

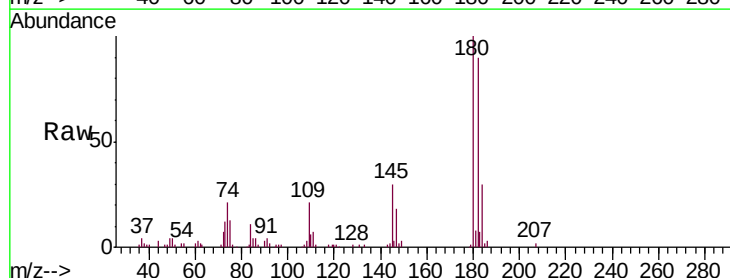
Tgt Ion:180 Resp: 48489

Ion Ratio Lower Upper

180 100

182 94.1 78.0 117.0

145 29.5 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

