

Data File : VU031516.D
Acq On : 26 Apr 2019 01:11
Operator : JC/SP
Sample : VU0426WBS01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VU0426WBS01

Quant Time: Apr 26 04:55:32 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U042619DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Fri Apr 26 04:42:12 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	5.74	96	70461	1.00	ug/l	0.00

System Monitoring Compounds

57) 4-Bromofluorobenzene	10.31	95	24324	0.99	ug/l	0.00
Spiked Amount 1.000			Recovery	=	99.00%	
68) 1,2-Dichlorobenzene-d4	11.86	152	23988	1.05	ug/l	0.00
Spiked Amount 1.000			Recovery	=	105.00%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.20	85	62493	1.965 ug/l	96
3) Chloromethane	1.32	50	73888	1.947 ug/l	100
4) Vinyl Chloride	1.40	62	71197	1.970 ug/l	98
5) Bromomethane	1.63	94	38286	2.186 ug/l	93
6) Chloroethane	1.70	64	38773	1.940 ug/l	100
7) Trichlorofluoromethane	1.88	101	81962	1.991 ug/l	97
8) 1,1,2-Trichloro-1,2,2-trif	2.29	101	38529	1.899 ug/l	98
9) 1,1-Dichloroethene	2.28	96	40151	1.990 ug/l	99
10) Iodomethane	2.41	142	33184	1.495 ug/l	97
11) Allyl Chloride	2.59	41	87381	1.977 ug/l	99
12) Acrylonitrile	2.94	53	24217	3.962 ug/l	97
13) Acetone	2.33	43	52707	9.464 ug/l	94
14) Carbon Disulfide	2.48	76	154897	2.000 ug/l	99
15) Methylene Chloride	2.70	84	50531	1.976 ug/l	97
16) trans-1,2-Dichloroethene	2.98	96	43639	1.933 ug/l	97
17) 1,1-Dichloroethane	3.44	63	92141	1.958 ug/l	99
18) 2-Butanone	4.28	43	70393	9.673 ug/l	97
19) Cyclohexane	4.99	56	58567	1.617 ug/l	86
20) Methylcyclohexane	6.41	83	52427	1.803 ug/l	92
21) 2,2-Dichloropropane	4.22	77	56475	1.642 ug/l	98
22) cis-1,2-Dichloroethene	4.23	96	46075	1.908 ug/l	99
23) Diethyl Ether	2.10	59	39238	2.029 ug/l	93
24) tert-Butyl Alcohol	2.85	59	41099	20.495 ug/l #	89
25) Methyl tert-Butyl Ether	3.00	73	120218	2.047 ug/l	97
26) Bromochloromethane	4.54	128	19549	1.916 ug/l	94
27) Chloroform	4.67	83	85072	1.950 ug/l	94
28) 1,1,1-Trichloroethane	4.91	97	72263	1.966 ug/l	98
29) 1,1-Dichloropropene	5.13	75	58914	1.980 ug/l	97
30) Carbon Tetrachloride	5.13	117	62183	1.987 ug/l	96
31) Isopropyl Ether	3.57	45	138178	1.960 ug/l	97
32) Ethyl-t-butyl ether	4.06	59	109381	1.912 ug/l	100
33) Tert-Amyl methyl ether	5.58	73	85546	1.880 ug/l	97
34) Propionitrile	4.35	54	17750	9.093 ug/l #	81
35) Benzene	5.39	78	181605	1.995 ug/l	100
36) 1,2-Dichloroethane	5.40	62	58934	1.987 ug/l	99
37) Trichloroethene	6.18	130	42243	1.897 ug/l	98
38) 1,2-Dichloropropane	6.43	63	50696	1.971 ug/l	93
39) Methacrylonitrile	4.55	41	15845	1.935 ug/l	97
40) Methyl acrylate	4.44	55	21094	1.937 ug/l #	95
41) Tetrahydrofuran	4.65	42	7207	1.606 ug/l #	13
42) 1-Chlorobutane	5.06	56	86072	1.906 ug/l	97

Data File : VU031516.D
Acq On : 26 Apr 2019 01:11
Operator : JC/SP
Sample : VU0426WBS01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VU0426WBS01

Quant Time: Apr 26 04:55:32 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U042619DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Fri Apr 26 04:42:12 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Dibromomethane	6.56	93	24858	1.967	ug/l	97
44) Bromodichloromethane	6.76	83	62133	1.979	ug/l	99
45) 4-Methyl-2-Pentanone	7.46	43	150656	9.961	ug/l	95
46) t-1,4-Dichloro-2-butene	10.49	75	44323	9.550	ug/l #	49
47) Methyl methacrylate	6.63	69	35390	3.625	ug/l	97
48) Ethyl methacrylate	8.02	69	31193	1.836	ug/l	98
49) Toluene	7.63	92	94037	1.987	ug/l	95
50) t-1,3-Dichloropropene	7.88	75	45375	1.834	ug/l	95
51) cis-1,3-Dichloropropene	7.27	75	55946	1.857	ug/l	93
52) 1,1,2-Trichloroethane	8.06	97	35005	2.123	ug/l	91
53) 1,3-Dichloropropane	8.24	76	58259	2.014	ug/l	99
54) 2-Hexanone	8.37	43	96297	9.443	ug/l	95
55) Dibromochloromethane	8.47	129	37726	2.029	ug/l	100
56) 1,2-Dibromoethane	8.58	107	29379	1.991	ug/l	97
58) Tetrachloroethene	8.22	164	41855	1.949	ug/l	98
59) Chlorobenzene	9.12	112	97185	1.958	ug/l	94
60) 1,1,1,2-Tetrachloroethane	9.21	131	39885	2.060	ug/l	95
61) Pentachloroethane	11.10	117	27056	1.972	ug/l	93
62) Hexachloroethane	12.14	117	28315	2.096	ug/l	96
63) Ethyl Benzene	9.25	91	152562	1.877	ug/l	96
64) m/p-Xylenes	9.37	106	111619	3.670	ug/l	97
65) o-Xylene	9.77	106	54504	1.844	ug/l	92
66) Styrene	9.79	104	91713	1.834	ug/l	98
67) Bromoform	9.95	173	20366	1.957	ug/l	99
69) Isopropylbenzene	10.16	105	150305	1.942	ug/l	99
70) 1,1,2,2-Tetrachloroethane	10.45	83	43078	2.029	ug/l	98
71) 1,2,3-Trichloropropane	10.49	75	44323	2.865	ug/l #	84
72) Bromobenzene	10.45	156	38993	1.986	ug/l	82
73) n-propylbenzene	10.58	120	39420	1.968	ug/l	98
74) 2-Chlorotoluene	10.66	126	36504	1.912	ug/l	99
75) 1,3,5-Trimethylbenzene	10.77	105	123242	1.802	ug/l	98
76) 4-Chlorotoluene	10.77	126	35729	1.809	ug/l	91
77) tert-Butylbenzene	11.10	119	116501	1.883	ug/l	97
78) 1,2,4-Trimethylbenzene	11.14	105	125110	1.804	ug/l	99
79) sec-Butylbenzene	11.32	105	167283	1.983	ug/l	100
80) Nitrobenzene	12.89	77	1879	3.677	ug/l #	82
81) p-Isopropyltoluene	11.47	119	124632	1.837	ug/l	100
82) 1,3-Dichlorobenzene	11.41	146	80313	2.069	ug/l	100
83) 1,4-Dichlorobenzene	11.50	146	78355	2.102	ug/l	98
84) n-Butylbenzene	11.89	91	122166	1.891	ug/l	98
85) 1,2-Dichlorobenzene	11.88	146	74977	2.032	ug/l	98
86) 1,2-Dibromo-3-Chloropropan	12.66	75	5956	1.949	ug/l	96
87) 1,2,4-Trichlorobenzene	13.50	180	36928	1.960	ug/l	97
88) Hexachlorobutadiene	13.69	225	26863	1.982	ug/l	96
89) Naphthalene	13.74	128	55143	1.856	ug/l	98
90) 1,2,3-Trichlorobenzene	13.98	180	35864	1.874	ug/l	98

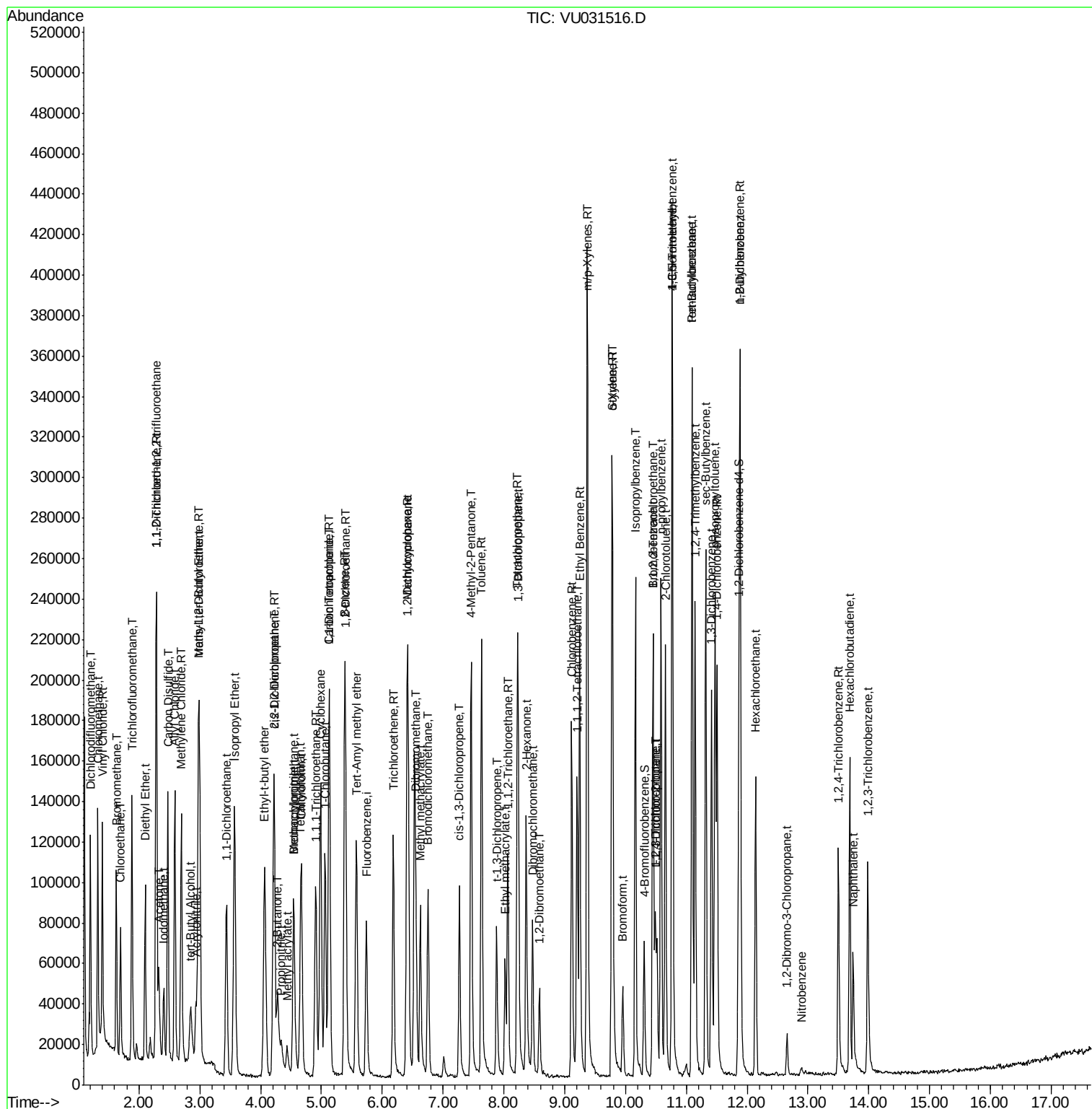
(#) = qualifier out of range (m) = manual integration (+) = signals summed

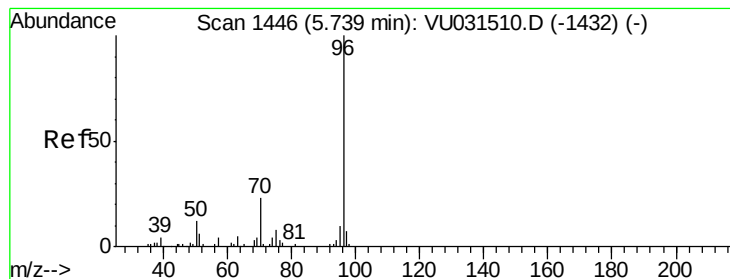
Data File : VU031516.D

```
Acq On      : 26 Apr 2019   01:11
Operator    : JC/SP
Sample      : VU0426WBS01
Misc        : 25.0mL/MSVOA_U/WATER
ALS Vial    : 19      Sample Multiplier: 1
```

Instrument :
MSVOA_U
ClientSampleId :
VU0426WBS01

Quant Time: Apr 26 04:55:32 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSV0A_U\METHOD\524U042619DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Fri Apr 26 04:42:12 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: VU031516.D

Acq: 26 Apr 2019 01:11

Instrument :

MSVOA_U

ClientSampleId :

VU0426WBS01

Tgt Ion: 96 Resp: 70461

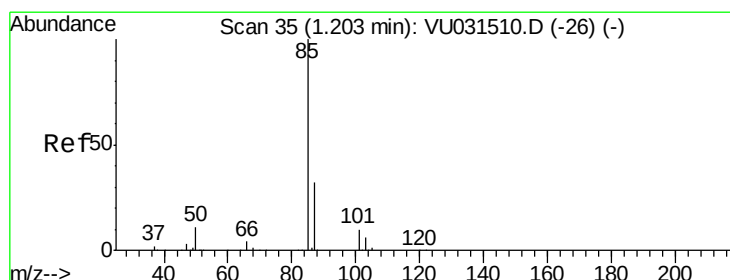
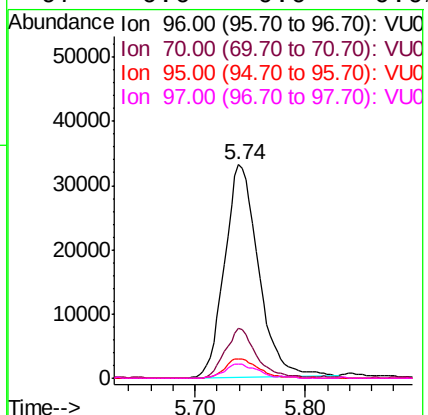
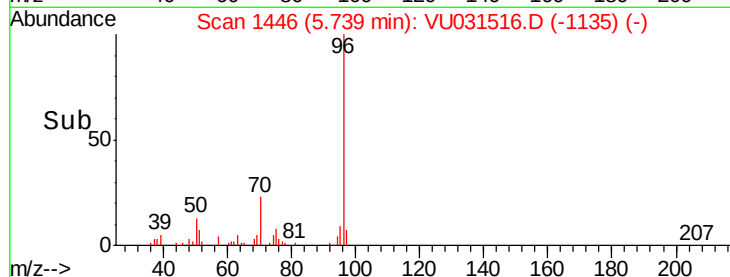
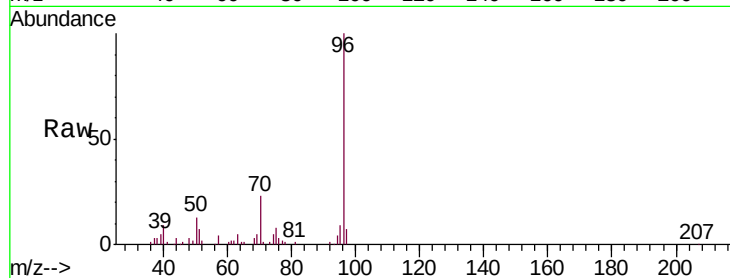
Ion Ratio Lower Upper

96 100

70 20.7 18.2 27.2

95 9.0 7.7 11.5

97 6.6 0.0 0.0#



#2

Dichlorodifluoromethane

Concen: 1.965 ug/l

RT: 1.20 min Scan# 35

Delta R.T. 0.00 min

Lab File: VU031516.D

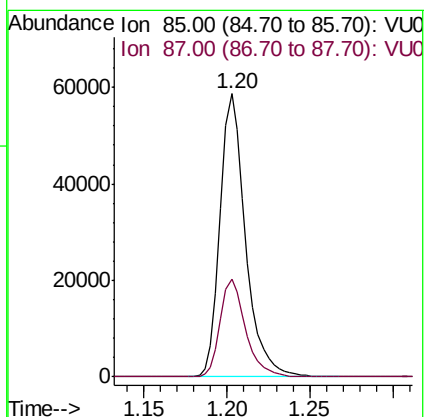
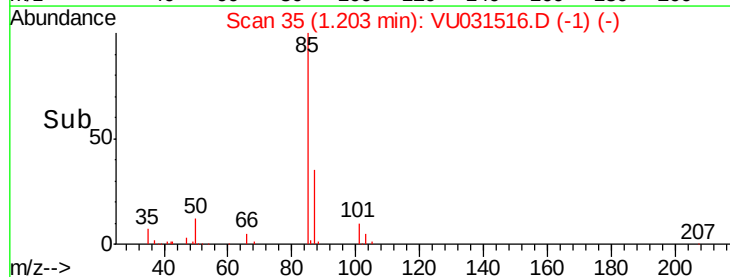
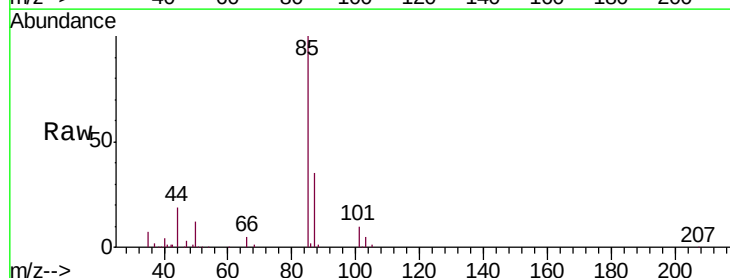
Acq: 26 Apr 2019 01:11

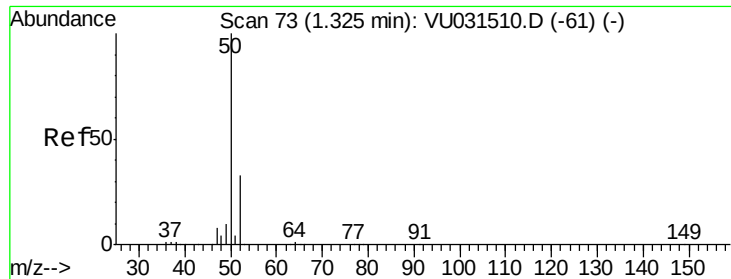
Tgt Ion: 85 Resp: 62493

Ion Ratio Lower Upper

85 100

87 34.6 16.1 48.2





#3

Chloromethane

Concen: 1.947 ug/l

RT: 1.32 min Scan# 73

Delta R.T. 0.00 min

Lab File: VU031516.D

Acq: 26 Apr 2019 01:11

Instrument :

MSVOA_U

ClientSampleId :

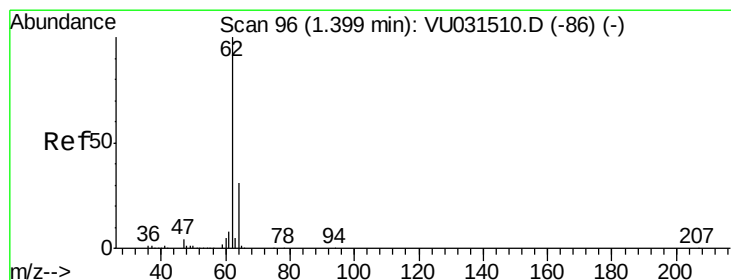
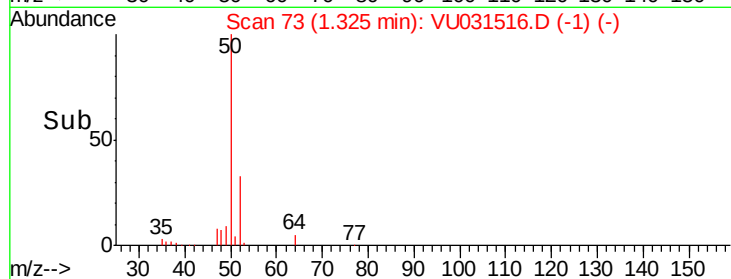
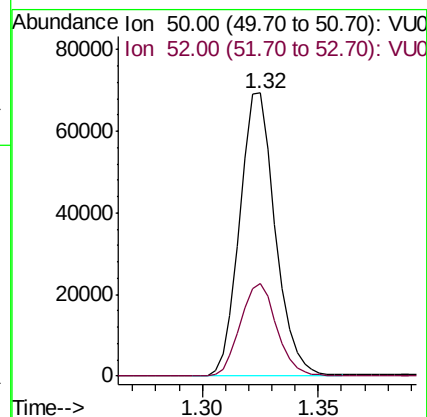
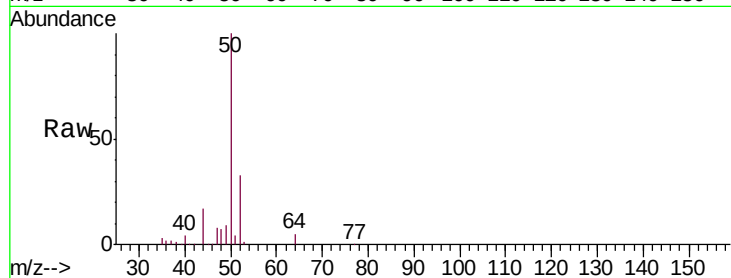
VU0426WBS01

Tgt Ion: 50 Resp: 73888

Ion Ratio Lower Upper

50 100

52 32.5 26.1 39.1



#4

Vinyl Chloride

Concen: 1.970 ug/l

RT: 1.40 min Scan# 96

Delta R.T. 0.00 min

Lab File: VU031516.D

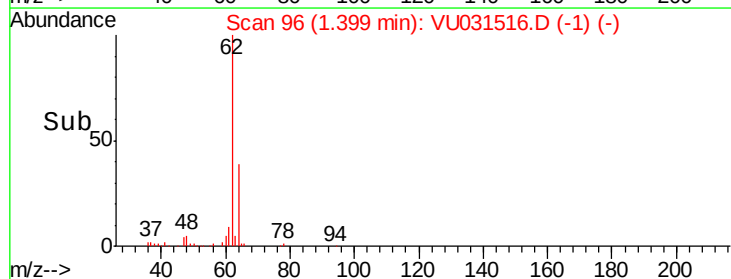
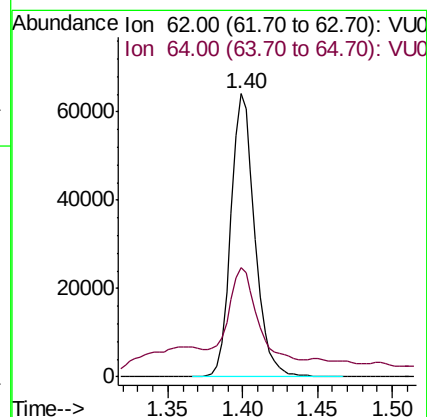
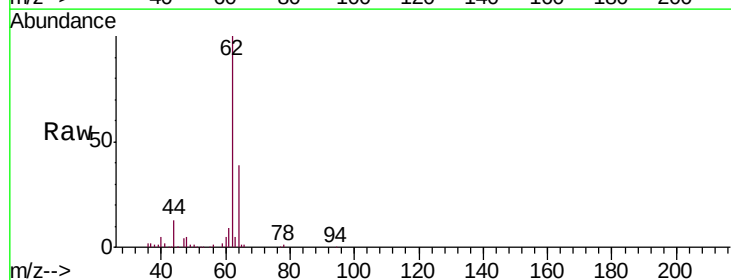
Acq: 26 Apr 2019 01:11

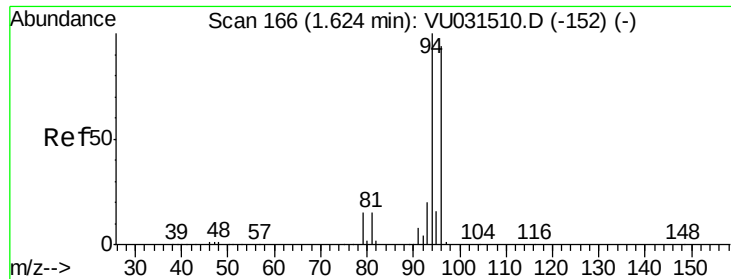
Tgt Ion: 62 Resp: 71197

Ion Ratio Lower Upper

62 100

64 33.1 25.5 38.3





#5

Bromomethane

Concen: 2.186 ug/l

RT: 1.63 min Scan# 167

Delta R.T. 0.00 min

Lab File: VU031516.D

Acq: 26 Apr 2019 01:11

Instrument :

MSVOA_U

ClientSampleId :

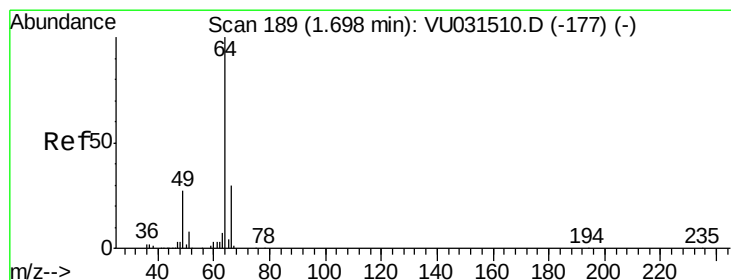
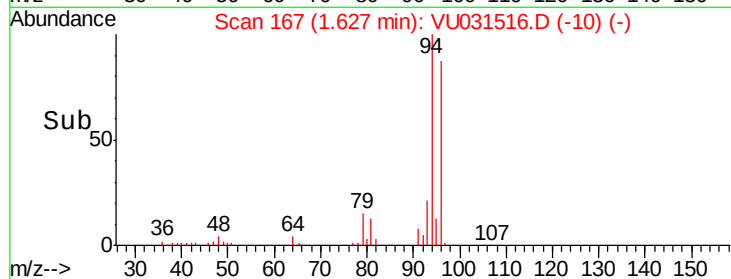
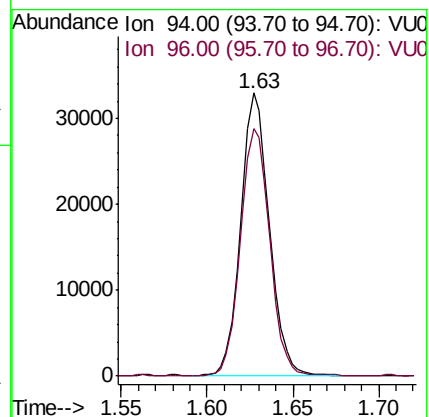
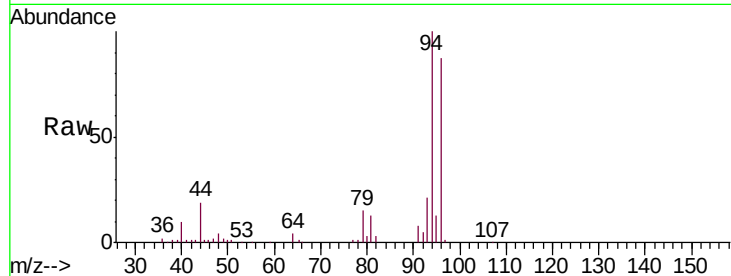
VU0426WBS01

Tgt Ion: 94 Resp: 38286

Ion Ratio Lower Upper

94 100

96 87.3 75.5 113.3



#6

Chloroethane

Concen: 1.940 ug/l

RT: 1.70 min Scan# 189

Delta R.T. 0.00 min

Lab File: VU031516.D

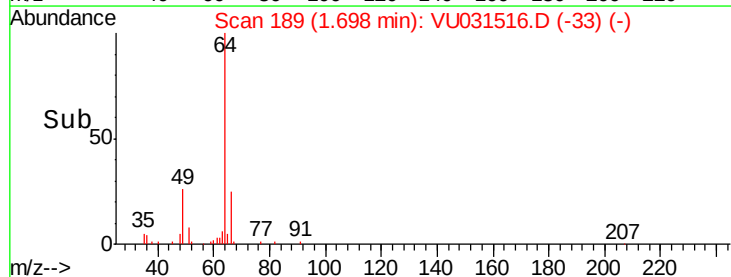
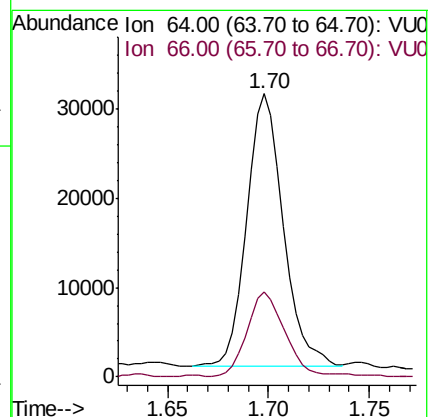
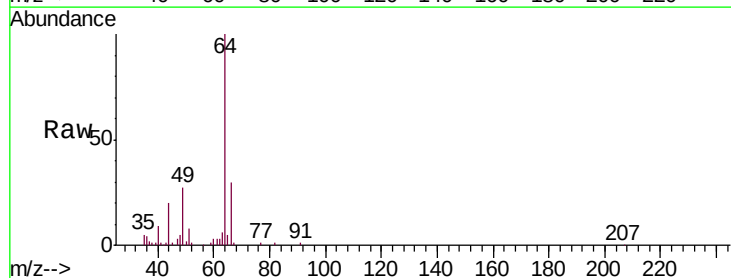
Acq: 26 Apr 2019 01:11

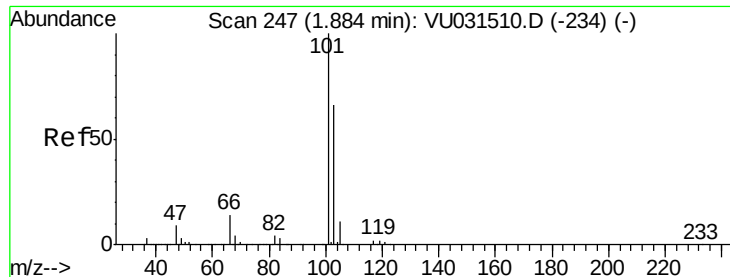
Tgt Ion: 64 Resp: 38773

Ion Ratio Lower Upper

64 100

66 30.6 24.3 36.5



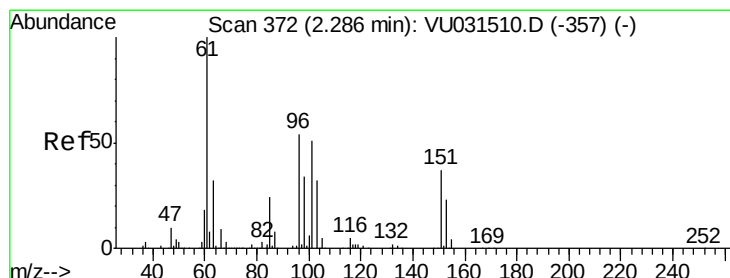
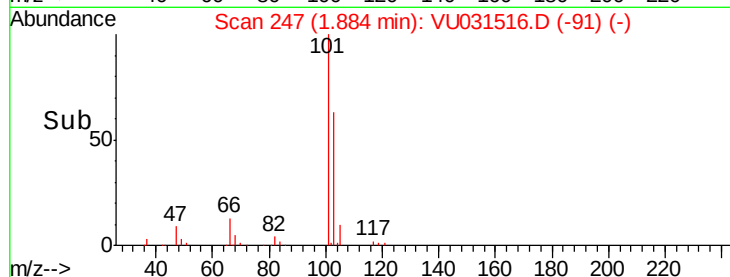
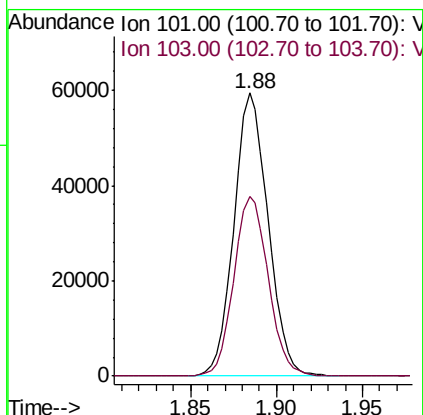
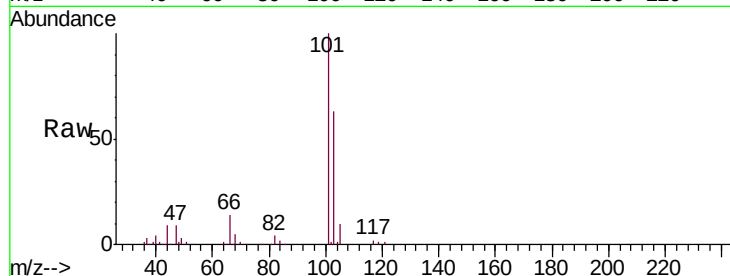


#7

Trichlorofluoromethane
 Concen: 1.991 ug/l
 RT: 1.88 min Scan# 247
 Delta R.T. 0.00 min
 Lab File: VU031516.D
 Acq: 26 Apr 2019 01:11

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0426WBS01

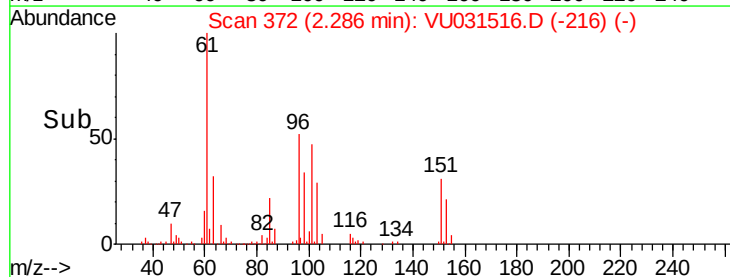
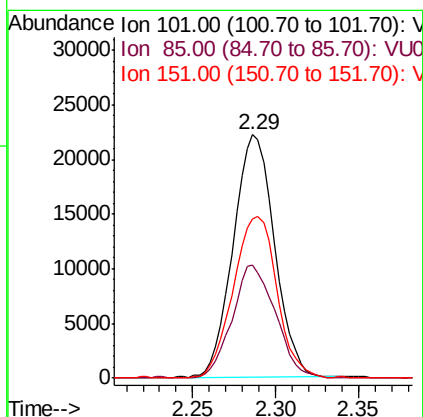
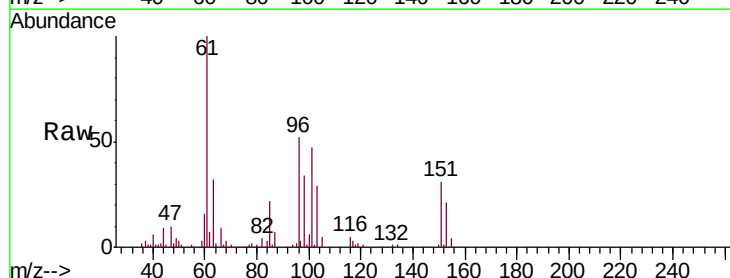
Tgt Ion:101 Resp: 81962
 Ion Ratio Lower Upper
 101 100
 103 63.3 52.8 79.2

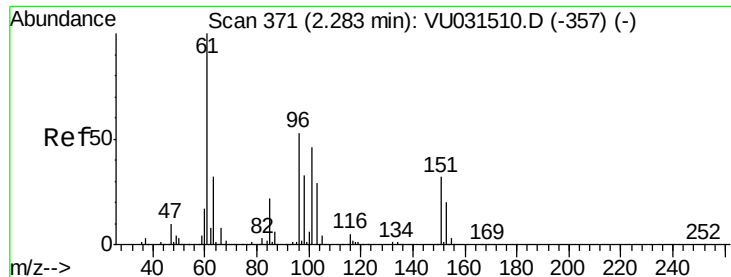


#8

1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 1.899 ug/l
 RT: 2.29 min Scan# 372
 Delta R.T. 0.00 min
 Lab File: VU031516.D
 Acq: 26 Apr 2019 01:11

Tgt Ion:101 Resp: 38529
 Ion Ratio Lower Upper
 101 100
 85 48.6 37.8 56.6
 151 70.5 57.4 86.0





#9

1,1-Dichloroethene

Concen: 1.990 ug/l

RT: 2.28 min Scan# 371

Delta R.T. 0.00 min

Lab File: VU031516.D

Acq: 26 Apr 2019 01:11

Instrument :

MSVOA_U

ClientSampleId :

VU0426WBS01

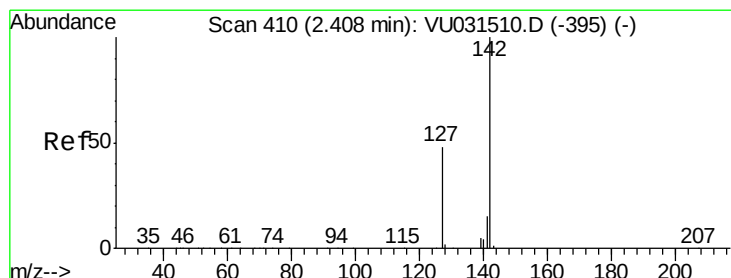
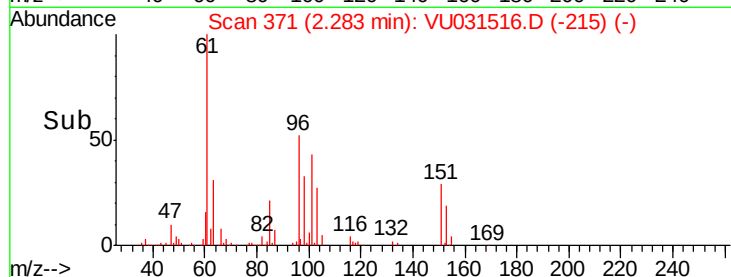
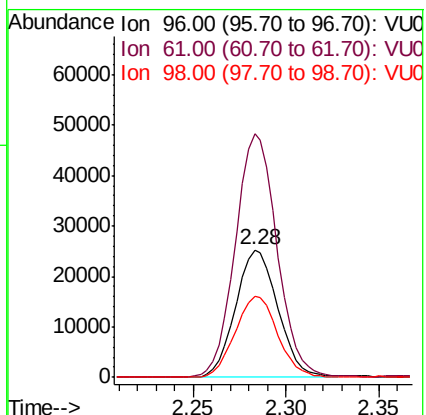
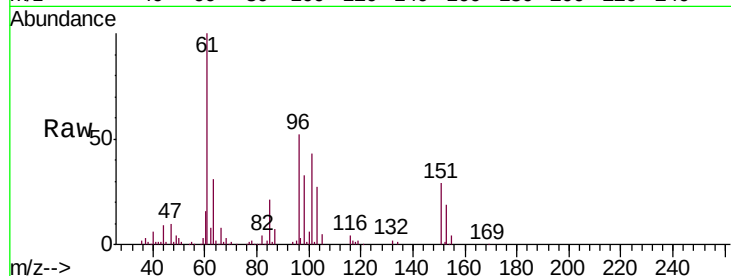
Tgt Ion: 96 Resp: 40151

Ion Ratio Lower Upper

96 100

61 190.2 0.0 566.7

98 63.4 0.0 126.4



#10

Iodomethane

Concen: 1.495 ug/l

RT: 2.41 min Scan# 411

Delta R.T. 0.00 min

Lab File: VU031516.D

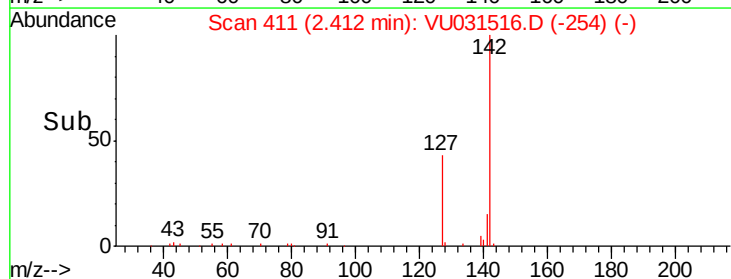
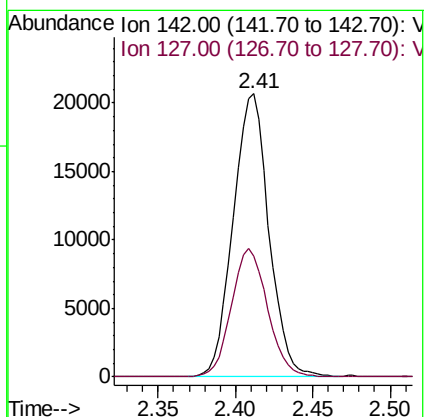
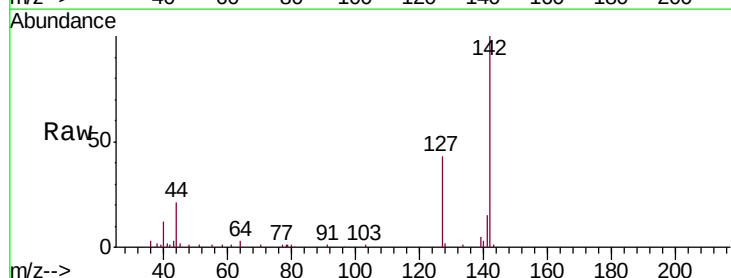
Acq: 26 Apr 2019 01:11

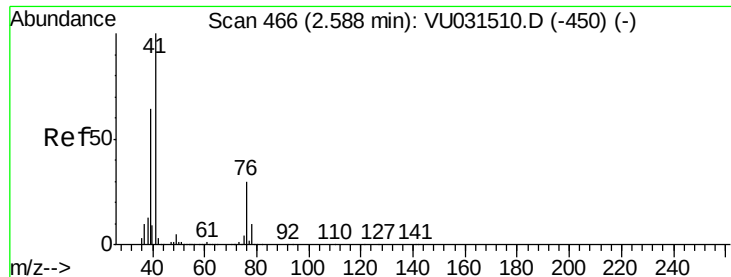
Tgt Ion: 142 Resp: 33184

Ion Ratio Lower Upper

142 100

127 45.5 38.2 57.2





#11

Allyl Chloride

Concen: 1.977 ug/l

RT: 2.59 min Scan# 466

Delta R.T. 0.00 min

Lab File: VU031516.D

Acq: 26 Apr 2019 01:11

Instrument :

MSVOA_U

ClientSampleId :

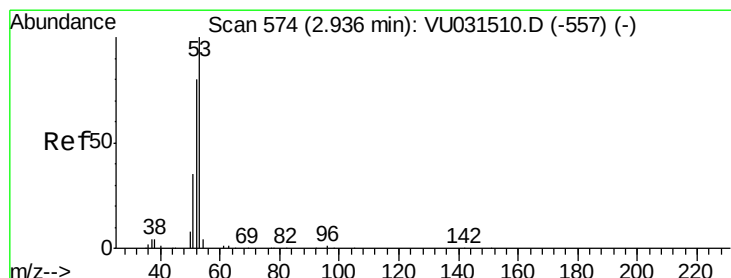
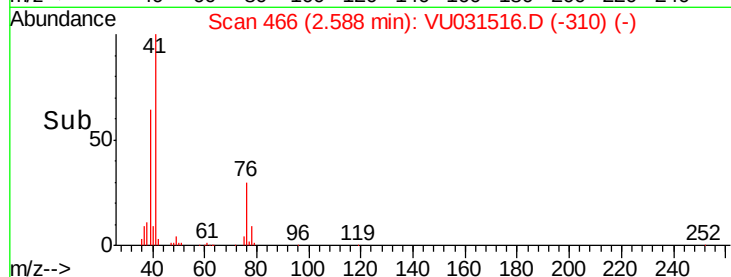
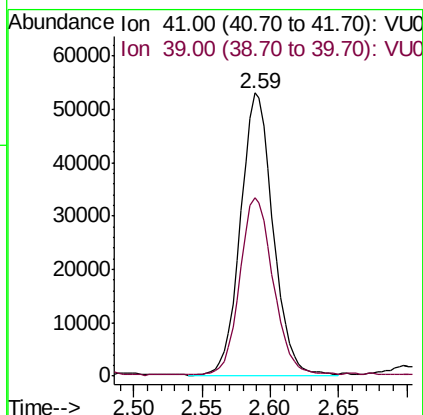
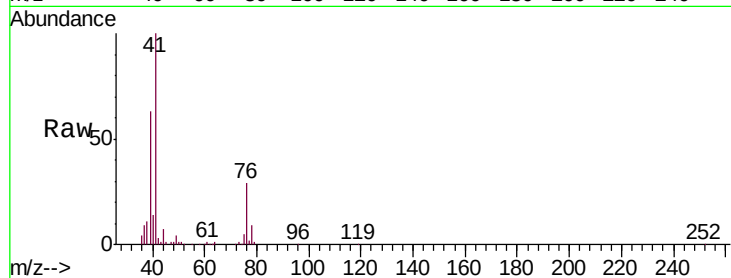
VU0426WBS01

Tgt Ion: 41 Resp: 87381

Ion Ratio Lower Upper

41 100

39 63.7 51.4 77.0



#12

Acrylonitrile

Concen: 3.962 ug/l

RT: 2.94 min Scan# 575

Delta R.T. 0.00 min

Lab File: VU031516.D

Acq: 26 Apr 2019 01:11

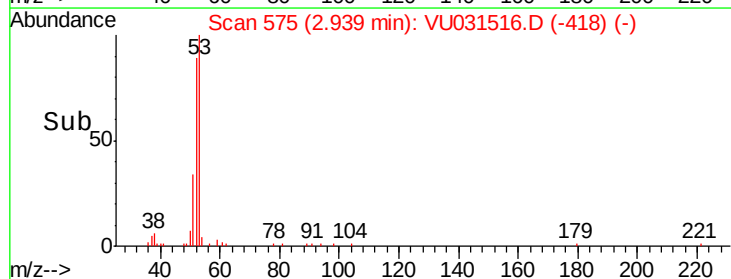
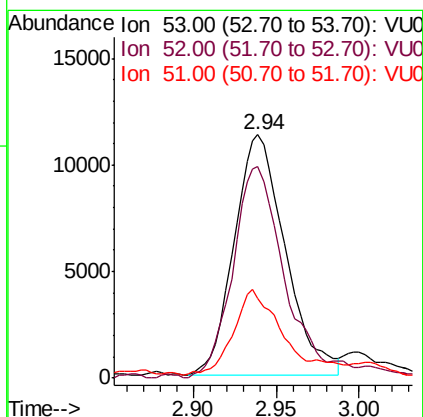
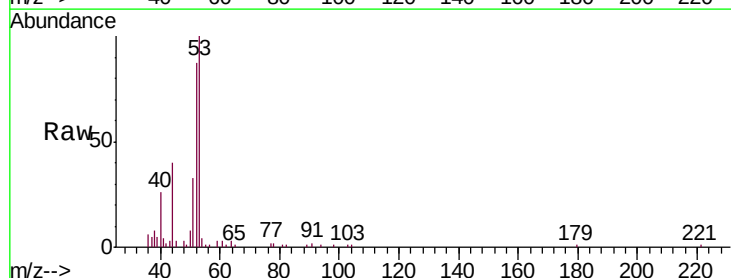
Tgt Ion: 53 Resp: 24217

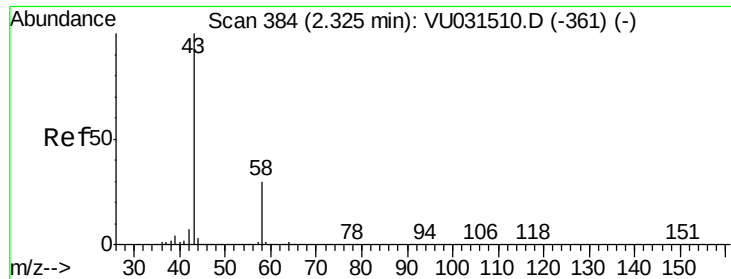
Ion Ratio Lower Upper

53 100

52 90.1 69.4 104.0

51 34.8 27.5 41.3





#13

Acetone

Concen: 9.464 ug/l

RT: 2.33 min Scan# 385

Delta R.T. 0.00 min

Lab File: VU031516.D

Acq: 26 Apr 2019 01:11

Instrument :

MSVOA_U

ClientSampleId :

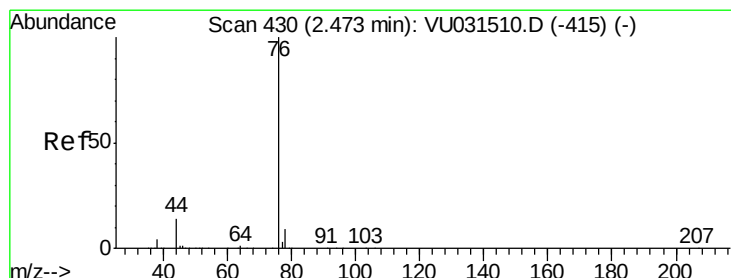
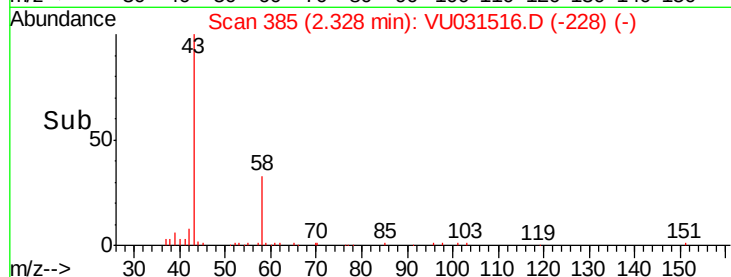
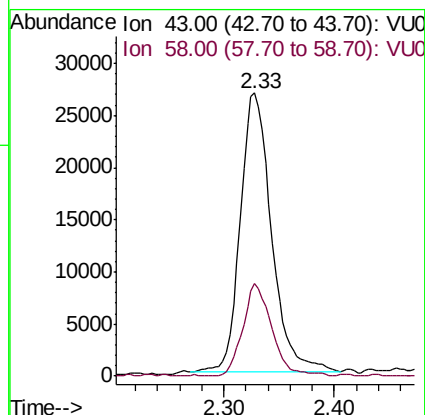
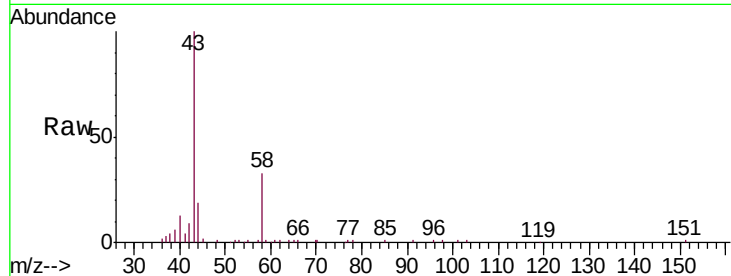
VU0426WBS01

Tgt Ion: 43 Resp: 52707

Ion Ratio Lower Upper

43 100

58 33.1 24.1 36.1



#14

Carbon Disulfide

Concen: 2.000 ug/l

RT: 2.48 min Scan# 431

Delta R.T. 0.00 min

Lab File: VU031516.D

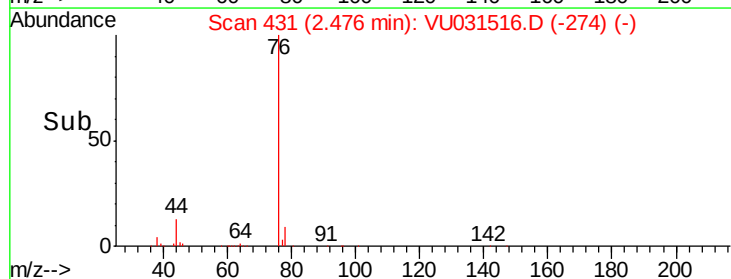
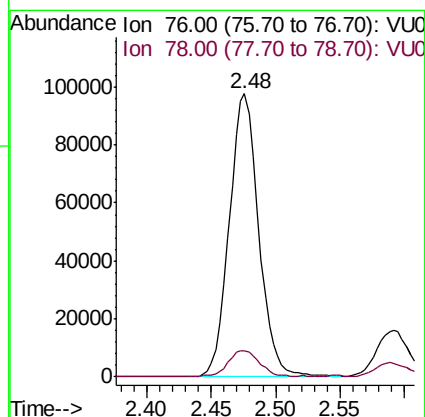
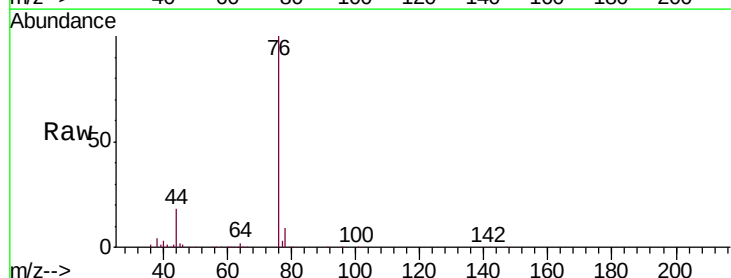
Acq: 26 Apr 2019 01:11

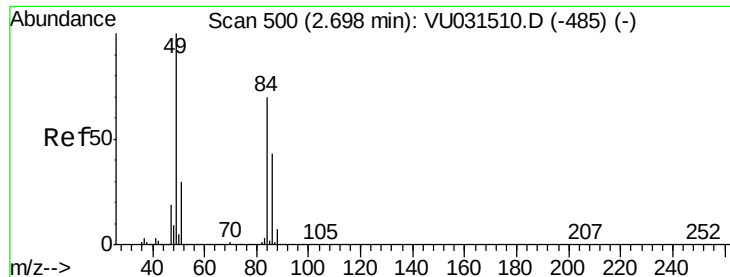
Tgt Ion: 76 Resp: 154897

Ion Ratio Lower Upper

76 100

78 9.2 7.2 10.8

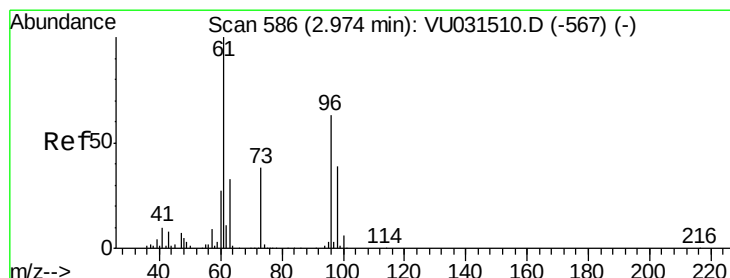
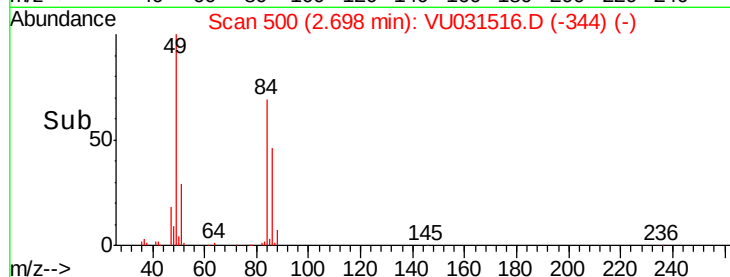
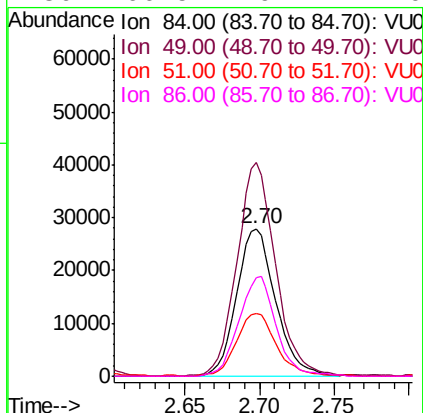
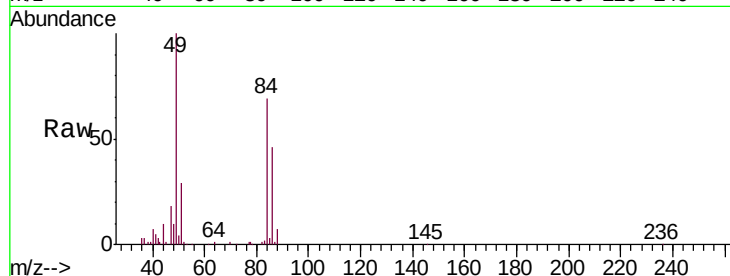




#15
Methylene Chloride
Concen: 1.976 ug/l
RT: 2.70 min Scan# 500
Delta R.T. 0.00 min
Lab File: VU031516.D
Acq: 26 Apr 2019 01:11

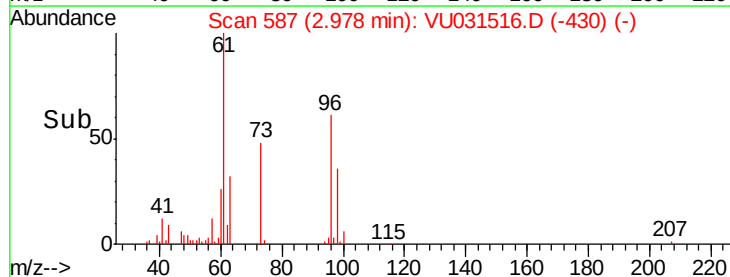
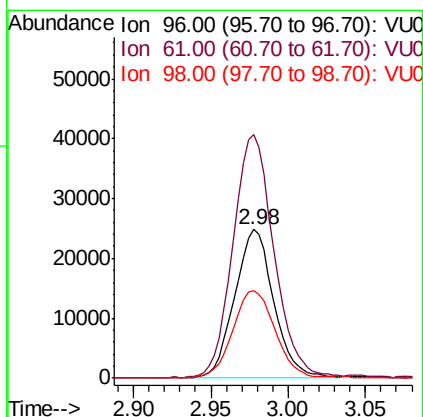
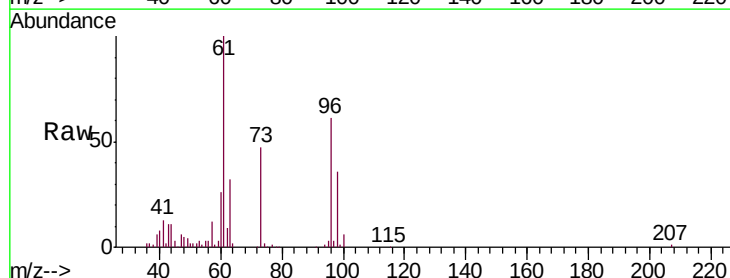
Instrument :
MSVOA_U
ClientSampleId :
VU0426WBS01

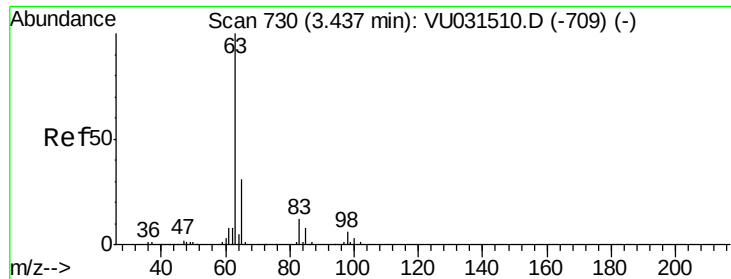
Tgt Ion:	84	Resp:	50531
Ion	Ratio	Lower	Upper
84	100		
49	144.3	113.6	170.4
51	42.7	0.0	85.6
86	66.5	49.4	74.0



#16
trans-1,2-Dichloroethene
Concen: 1.933 ug/l
RT: 2.98 min Scan# 587
Delta R.T. 0.00 min
Lab File: VU031516.D
Acq: 26 Apr 2019 01:11

Tgt Ion:	96	Resp:	43639
Ion	Ratio	Lower	Upper
96	100		
61	162.9	127.2	190.8
98	58.5	49.4	74.0





#17

1,1-Dichloroethane

Concen: 1.958 ug/l

RT: 3.44 min Scan# 731

Delta R.T. 0.00 min

Lab File: VU031516.D

Acq: 26 Apr 2019 01:11

Instrument :

MSVOA_U

ClientSampleId :

VU0426WBS01

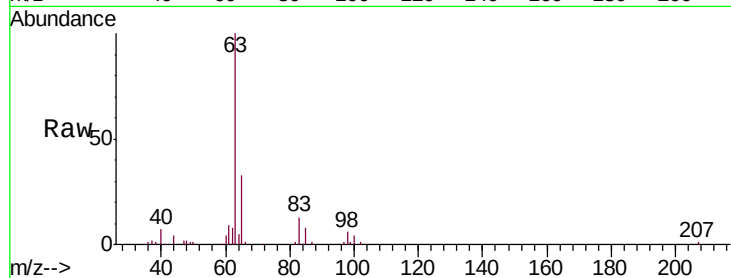
Tgt Ion: 63 Resp: 92141

Ion Ratio Lower Upper

63 100

98 6.0 3.0 9.2

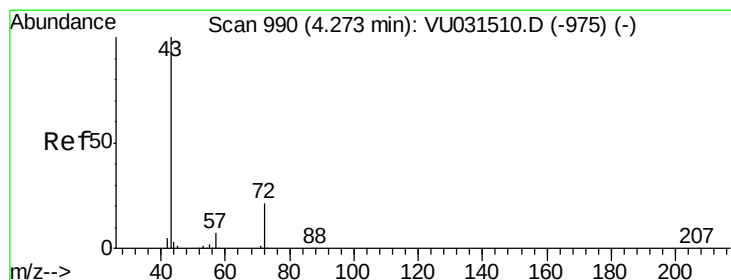
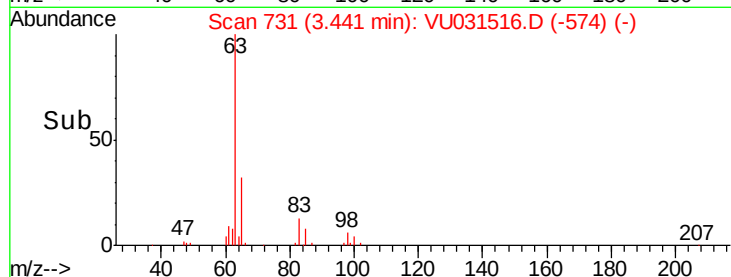
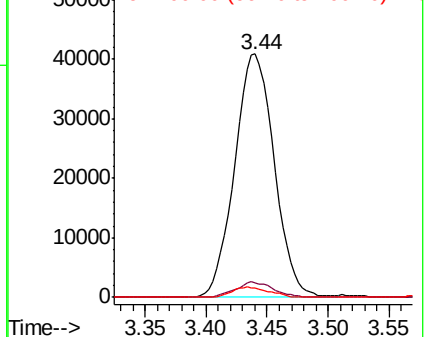
100 3.7 1.7 5.1



Abundance Ion 63.00 (62.70 to 63.70): VU031516.D (-574) (-)

Ion 98.00 (97.70 to 98.70): VU031516.D (-574) (-)

Ion 100.00 (99.70 to 100.70): VU031516.D (-574) (-)



#18

2-Butanone

Concen: 9.673 ug/l

RT: 4.28 min Scan# 992

Delta R.T. 0.01 min

Lab File: VU031516.D

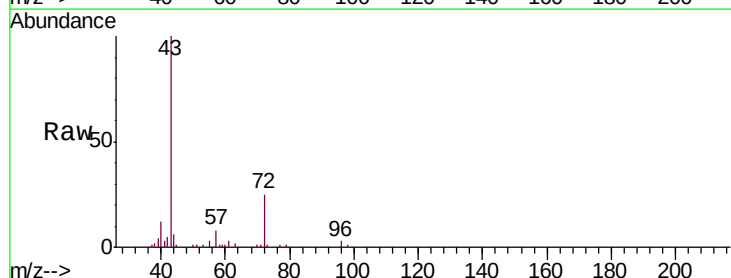
Acq: 26 Apr 2019 01:11

Tgt Ion: 43 Resp: 70393

Ion Ratio Lower Upper

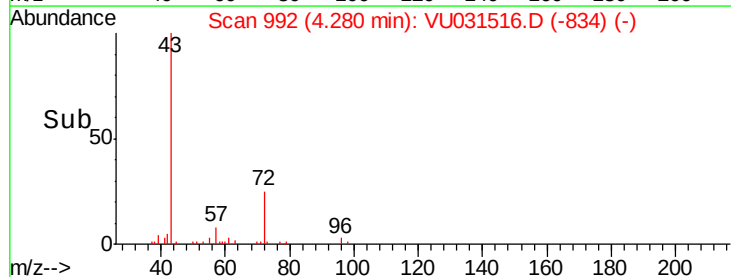
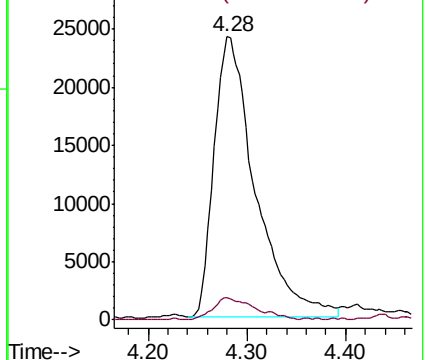
43 100

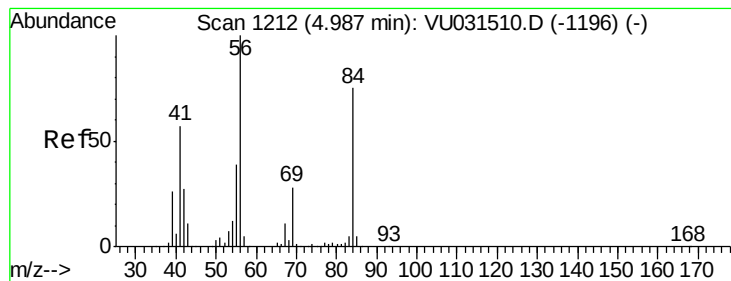
57 8.1 0.0 14.2



Abundance Ion 43.00 (42.70 to 43.70): VU031516.D (-834) (-)

Ion 57.00 (56.70 to 57.70): VU031516.D (-834) (-)





#19

Cyclohexane

Concen: 1.617 ug/l

RT: 4.99 min Scan# 1212

Delta R.T. 0.00 min

Lab File: VU031516.D

Acq: 26 Apr 2019 01:11

Instrument :

MSVOA_U

ClientSampleId :

VU0426WBS01

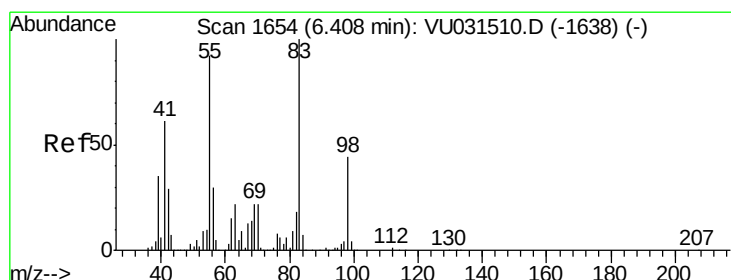
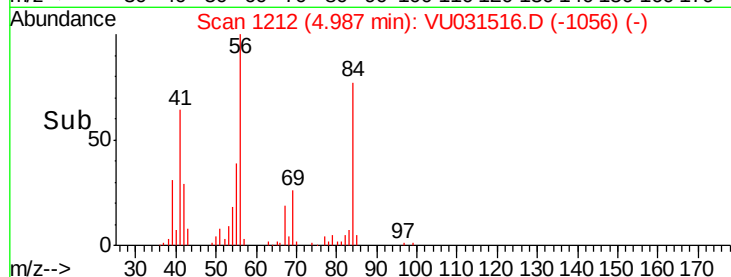
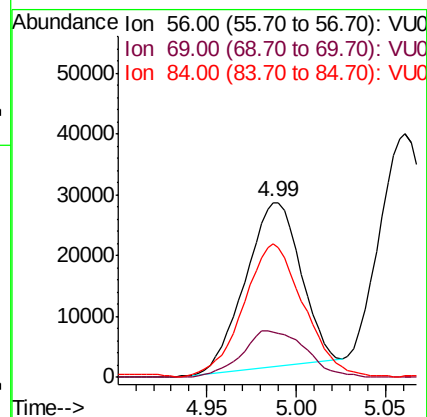
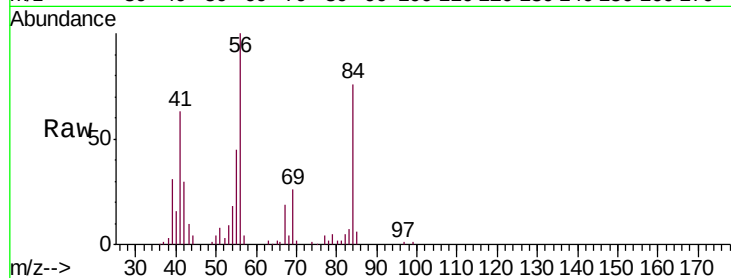
Tgt Ion: 56 Resp: 58567

Ion Ratio Lower Upper

56 100

69 32.8 22.4 33.6

84 87.1 59.0 88.4



#20

Methylcyclohexane

Concen: 1.803 ug/l

RT: 6.41 min Scan# 1655

Delta R.T. 0.00 min

Lab File: VU031516.D

Acq: 26 Apr 2019 01:11

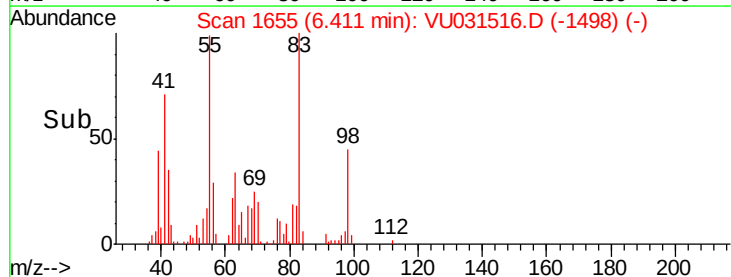
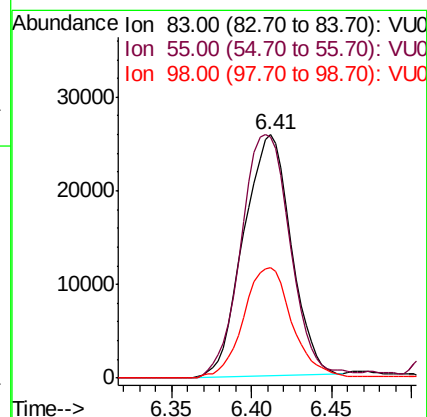
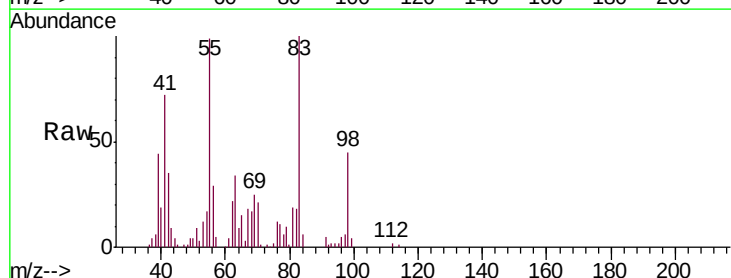
Tgt Ion: 83 Resp: 52427

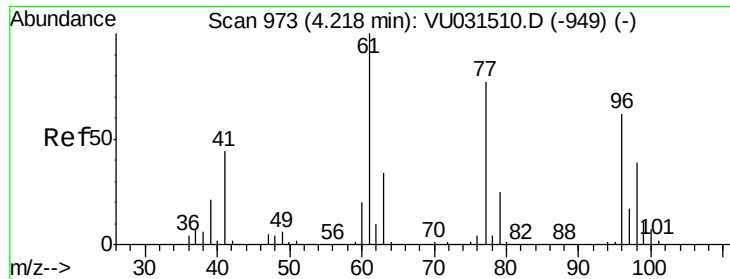
Ion Ratio Lower Upper

83 100

55 102.5 73.7 110.5

98 46.2 35.2 52.8





#21

2,2-Dichloropropane

Concen: 1.642 ug/l

RT: 4.22 min Scan# 973

Delta R.T. 0.00 min

Lab File: VU031516.D

Acq: 26 Apr 2019 01:11

Instrument :

MSVOA_U

ClientSampleId :

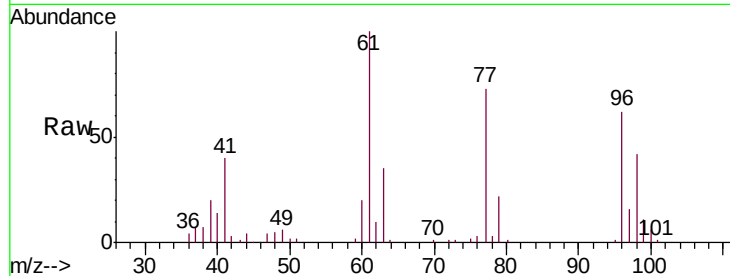
VU0426WBS01

Tgt Ion: 77 Resp: 56475

Ion Ratio Lower Upper

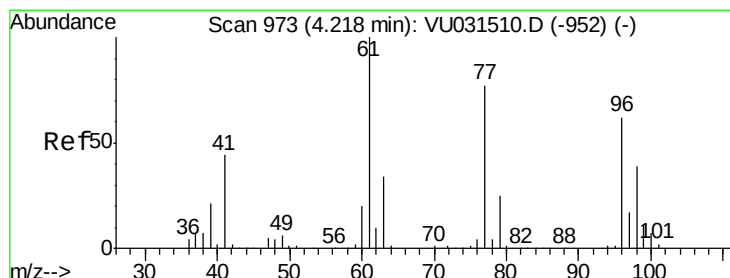
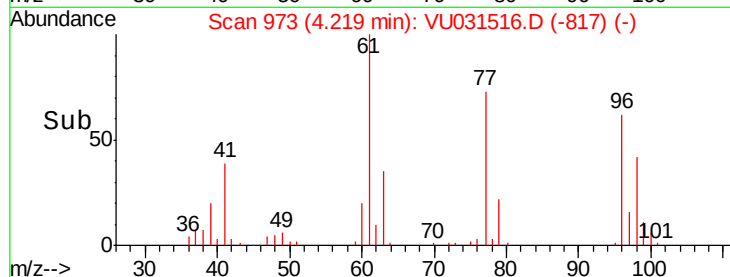
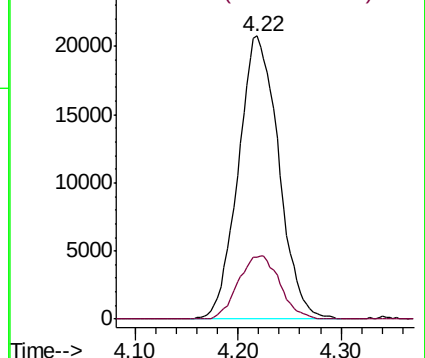
77 100

97 22.8 17.5 26.3



Abundance Ion 77.00 (76.70 to 77.70): VU0

Ion 97.00 (96.70 to 97.70): VU0



#22

cis-1,2-Dichloroethene

Concen: 1.908 ug/l

RT: 4.23 min Scan# 975

Delta R.T. 0.01 min

Lab File: VU031516.D

Acq: 26 Apr 2019 01:11

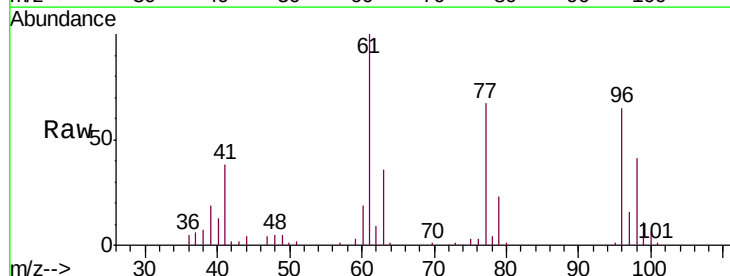
Tgt Ion: 96 Resp: 46075

Ion Ratio Lower Upper

96 100

61 165.7 0.0 408.8

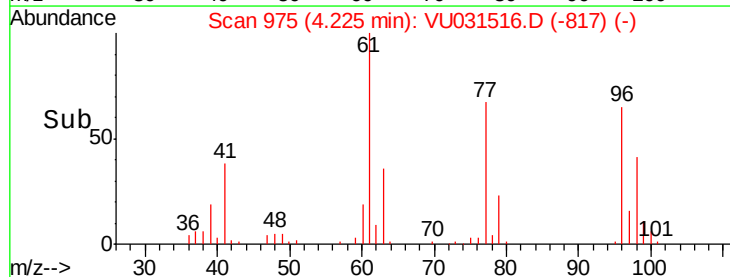
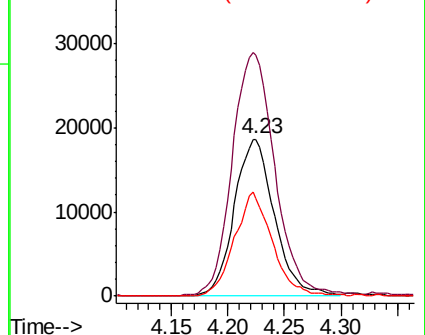
98 62.7 31.1 93.3

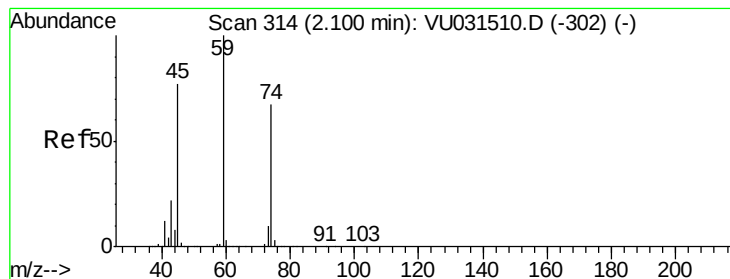


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 98.00 (97.70 to 98.70): VU0





#23

Diethyl Ether

Concen: 2.029 ug/l

RT: 2.10 min Scan# 315

Delta R.T. 0.00 min

Lab File: VU031516.D

Acq: 26 Apr 2019 01:11

Instrument :

MSVOA_U

ClientSampleId :

VU0426WBS01

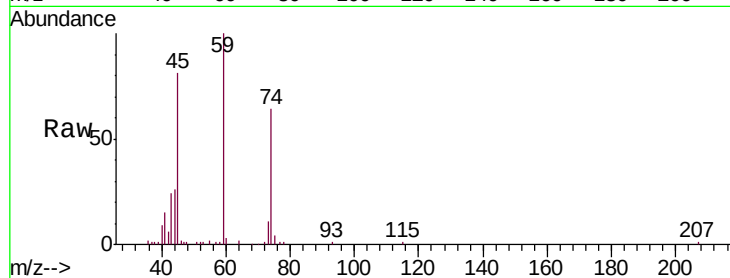
Tgt Ion: 59 Resp: 39238

Ion Ratio Lower Upper

59 100

45 88.9 64.5 96.7

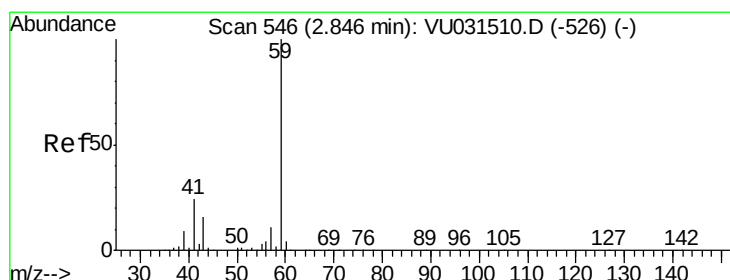
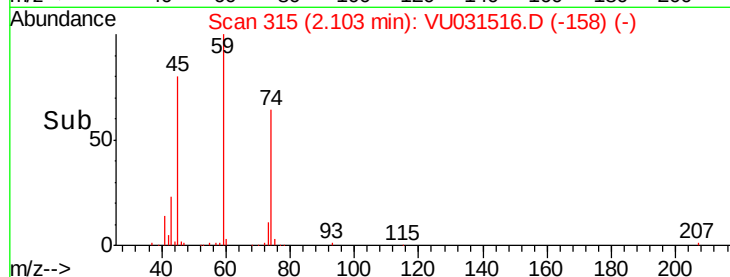
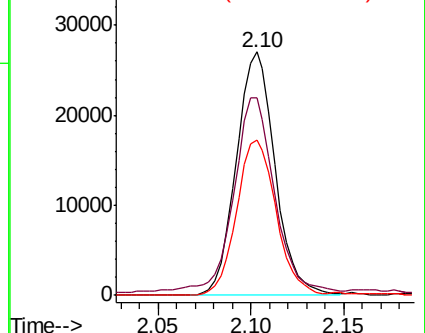
74 65.0 54.6 81.8



Abundance Ion 59.00 (58.70 to 59.70): VU0

Ion 45.00 (44.70 to 45.70): VU0

Ion 74.00 (73.70 to 74.70): VU0



#24

tert-Butyl Alcohol

Concen: 20.495 ug/l

RT: 2.85 min Scan# 547

Delta R.T. 0.00 min

Lab File: VU031516.D

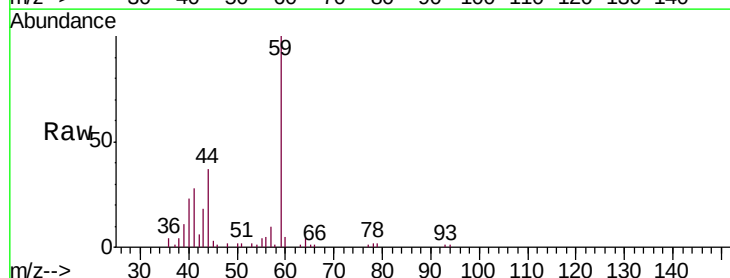
Acq: 26 Apr 2019 01:11

Tgt Ion: 59 Resp: 41099

Ion Ratio Lower Upper

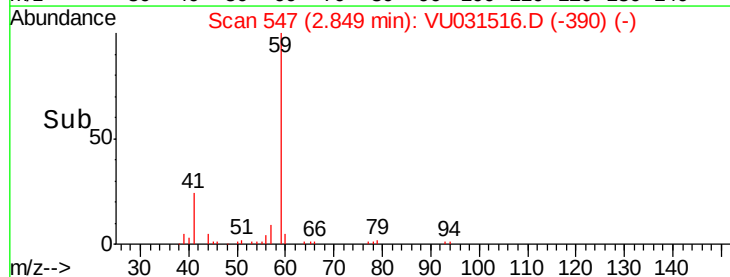
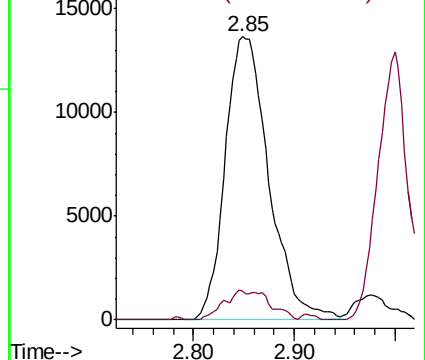
59 100

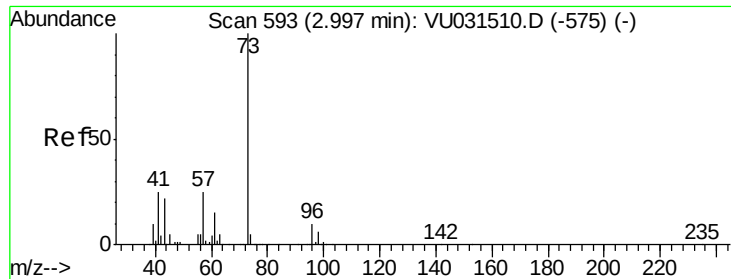
57 6.0 8.2 12.2#



Abundance Ion 59.00 (58.70 to 59.70): VU0

Ion 57.00 (56.70 to 57.70): VU0





#25

Methyl tert-Butyl Ether

Concen: 2.047 ug/l

RT: 3.00 min Scan# 593

Delta R.T. 0.00 min

Lab File: VU031516.D

Acq: 26 Apr 2019 01:11

Instrument :

MSVOA_U

ClientSampleId :

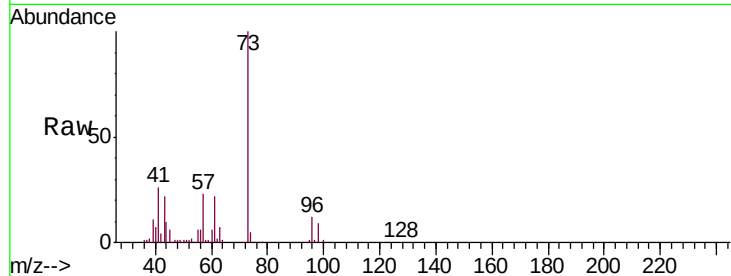
VU0426WBS01

Tgt Ion: 73 Resp: 120218

Ion Ratio Lower Upper

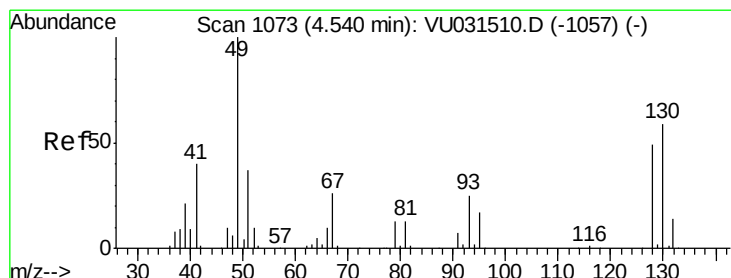
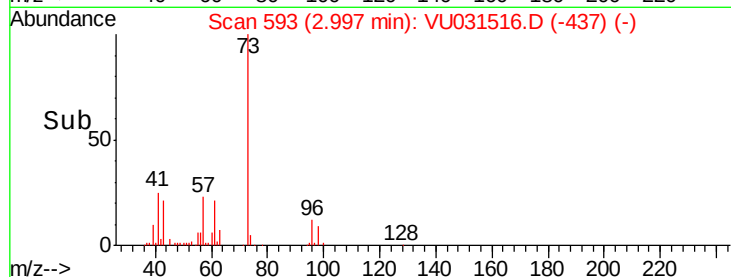
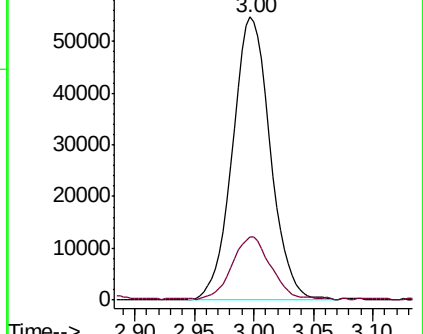
73 100

43 22.3 16.9 25.3



Abundance Ion 73.00 (72.70 to 73.70): VU031510.D (-575) (-)

Ion 43.00 (42.70 to 43.70): VU031510.D (-575) (-)



#26

Bromochloromethane

Concen: 1.916 ug/l

RT: 4.54 min Scan# 1073

Delta R.T. 0.00 min

Lab File: VU031516.D

Acq: 26 Apr 2019 01:11

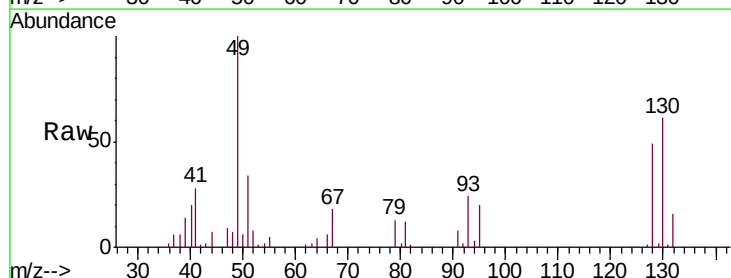
Tgt Ion: 128 Resp: 19549

Ion Ratio Lower Upper

128 100

49 212.9 0.0 407.2

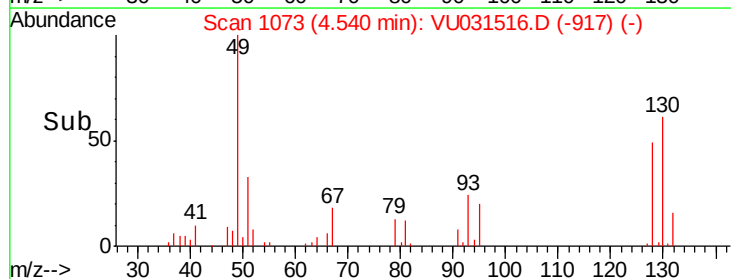
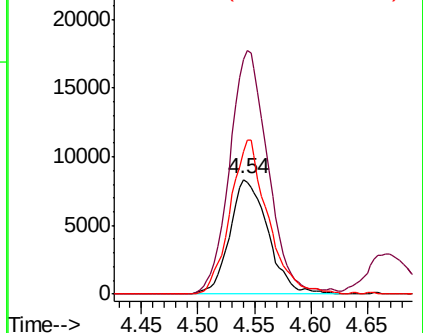
130 132.9 101.4 152.2

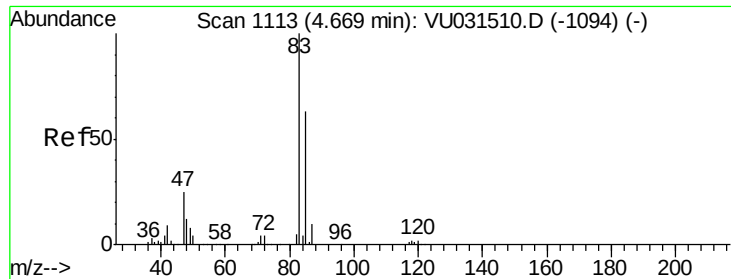


Abundance Ion 128.00 (127.70 to 128.70): VU031510.D (-1057) (-)

Ion 49.00 (48.70 to 49.70): VU031510.D (-1057) (-)

Ion 130.00 (129.70 to 130.70): VU031510.D (-1057) (-)

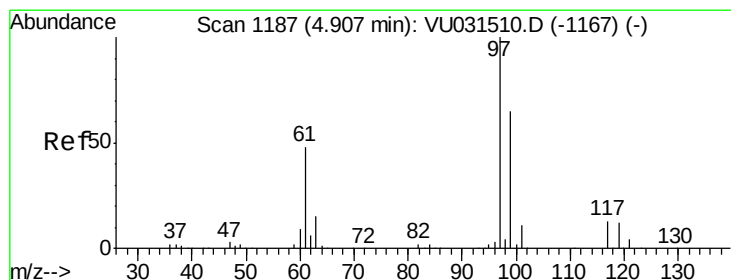
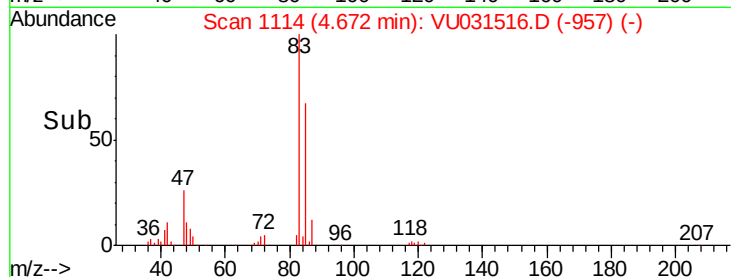
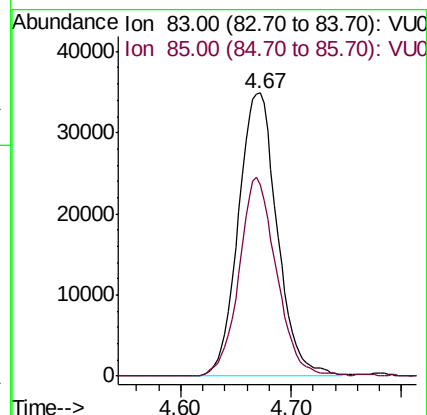
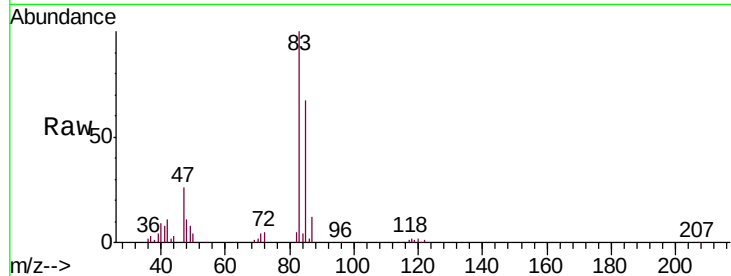




#27
 Chloroform
 Concen: 1.950 ug/l
 RT: 4.67 min Scan# 1114
 Delta R.T. 0.00 min
 Lab File: VU031516.D
 Acq: 26 Apr 2019 01:11

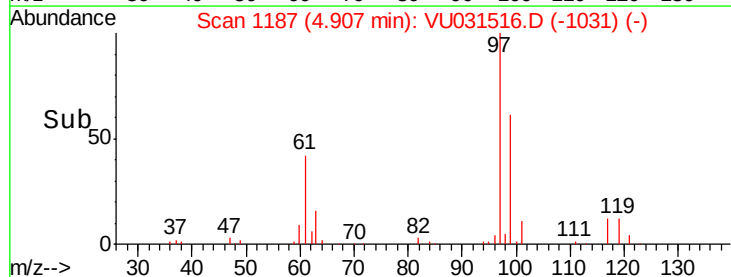
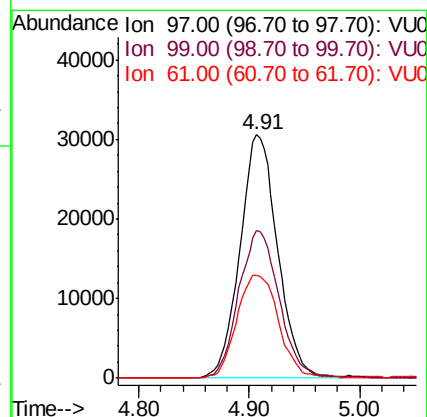
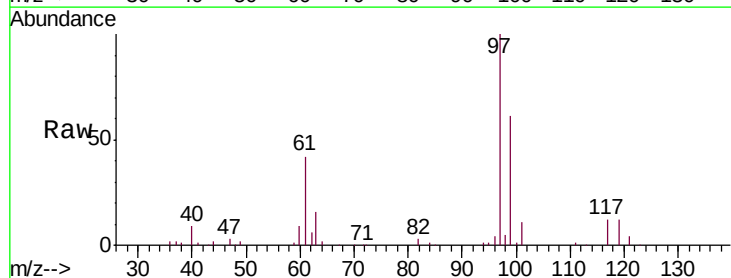
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0426WBS01

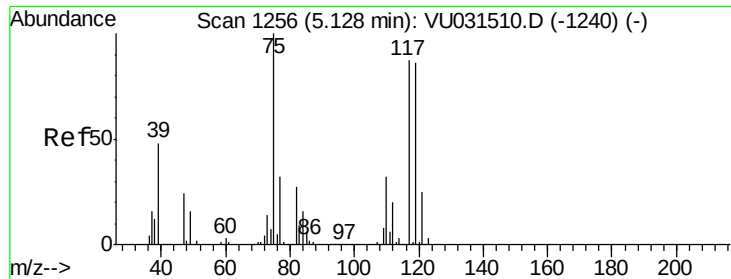
Tgt Ion: 83 Resp: 85072
 Ion Ratio Lower Upper
 83 100
 85 67.4 0.0 126.2



#28
 1,1,1-Trichloroethane
 Concen: 1.966 ug/l
 RT: 4.91 min Scan# 1187
 Delta R.T. 0.00 min
 Lab File: VU031516.D
 Acq: 26 Apr 2019 01:11

Tgt Ion: 97 Resp: 72263
 Ion Ratio Lower Upper
 97 100
 99 65.3 32.0 96.2
 61 46.8 24.0 72.0

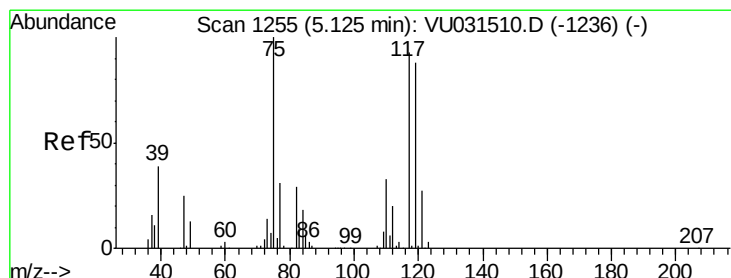
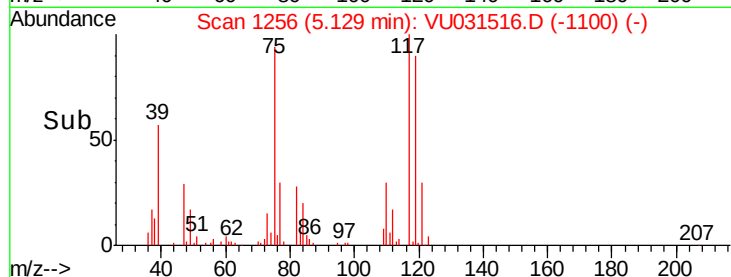
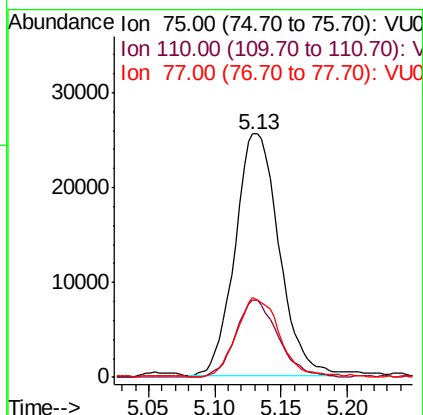
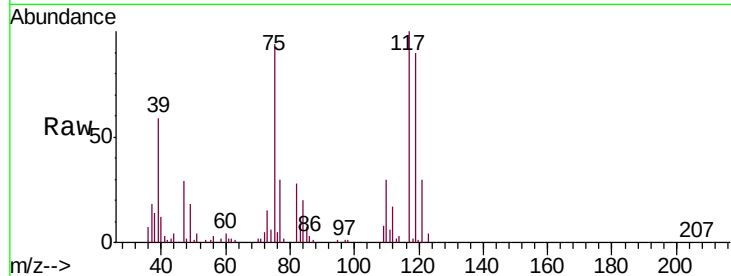




#29
 1,1-Dichloropropene
 Concen: 1.980 ug/l
 RT: 5.13 min Scan# 1256
 Delta R.T. 0.00 min
 Lab File: VU031516.D
 Acq: 26 Apr 2019 01:11

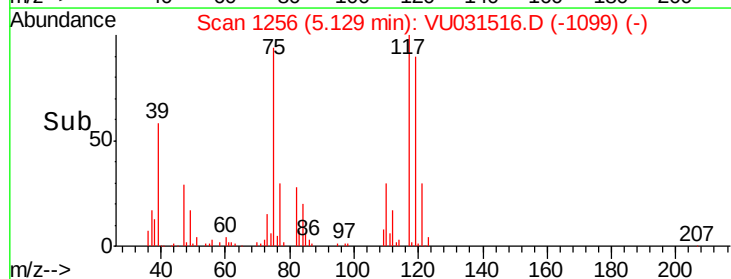
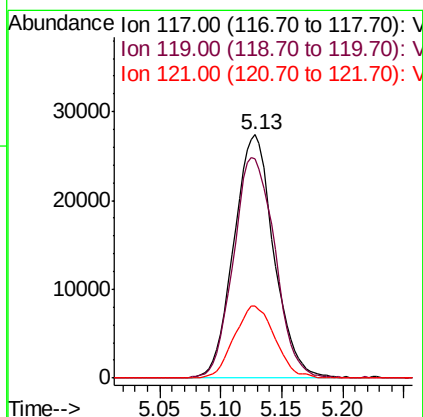
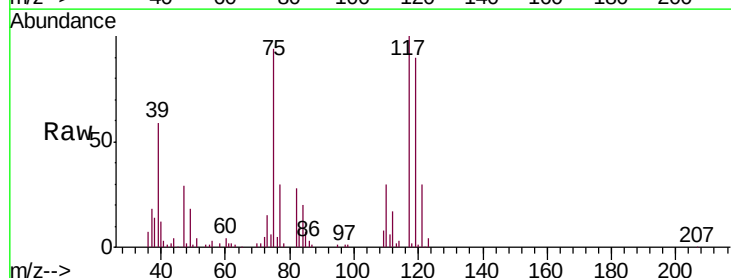
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0426WBS01

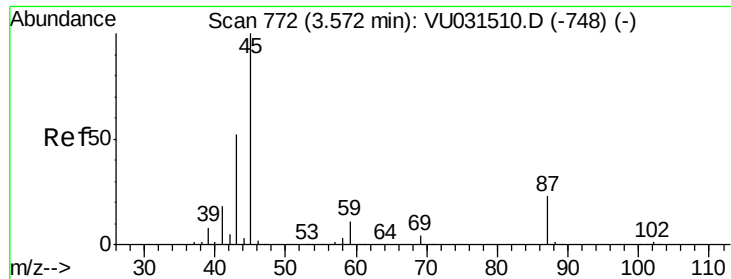
Tgt Ion: 75 Resp: 58914
 Ion Ratio Lower Upper
 75 100
 110 31.2 16.4 49.1
 77 32.6 25.0 37.6



#30
 Carbon Tetrachloride
 Concen: 1.987 ug/l
 RT: 5.13 min Scan# 1256
 Delta R.T. 0.00 min
 Lab File: VU031516.D
 Acq: 26 Apr 2019 01:11

Tgt Ion: 117 Resp: 62183
 Ion Ratio Lower Upper
 117 100
 119 89.8 76.1 114.1
 121 29.8 23.3 34.9





#31

Isopropyl Ether

Concen: 1.960 ug/l

RT: 3.57 min Scan# 772

Delta R.T. 0.00 min

Lab File: VU031516.D

Acq: 26 Apr 2019 01:11

Instrument :

MSVOA_U

ClientSampleId :

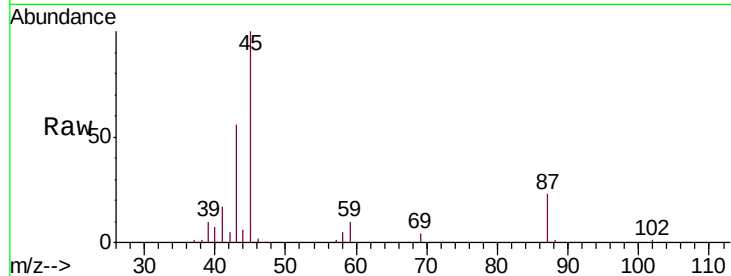
VU0426WBS01

Tgt Ion: 45 Resp: 138178

Ion Ratio Lower Upper

45 100

43 54.1 26.0 78.0

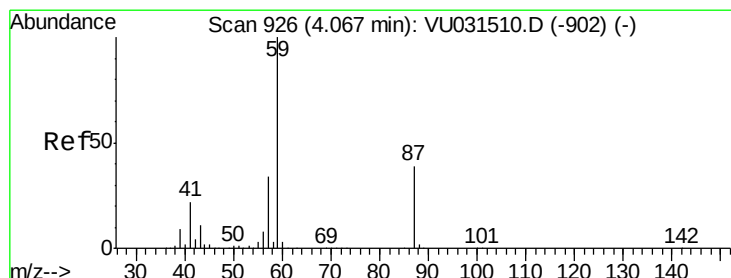
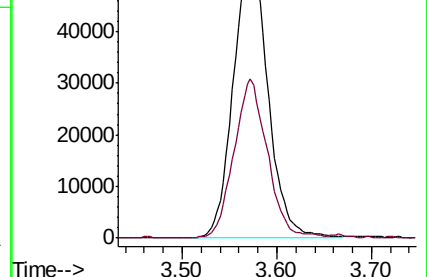
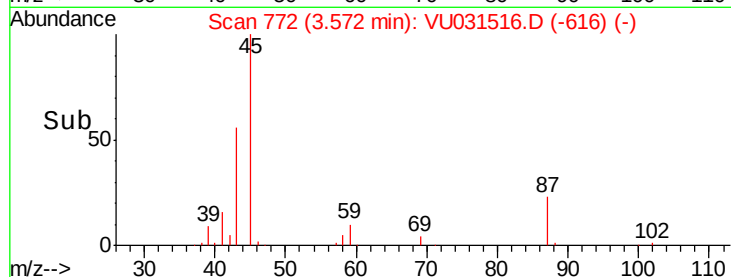


Abundance Ion 45.00 (44.70 to 45.70): VU031516.D (-616) (-)

Ion 43.00 (42.70 to 43.70): VU031516.D (-616) (-)

3.57

Time-->



#32

Ethyl-t-butyl ether

Concen: 1.912 ug/l

RT: 4.06 min Scan# 925

Delta R.T. -0.00 min

Lab File: VU031516.D

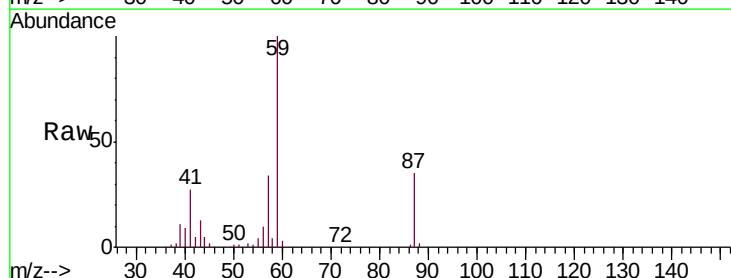
Acq: 26 Apr 2019 01:11

Tgt Ion: 59 Resp: 109381

Ion Ratio Lower Upper

59 100

87 37.3 29.9 44.9

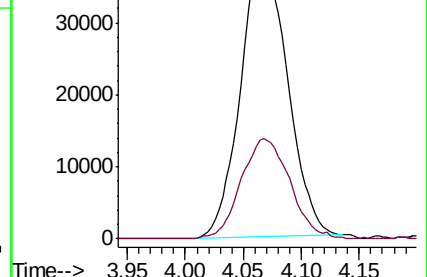
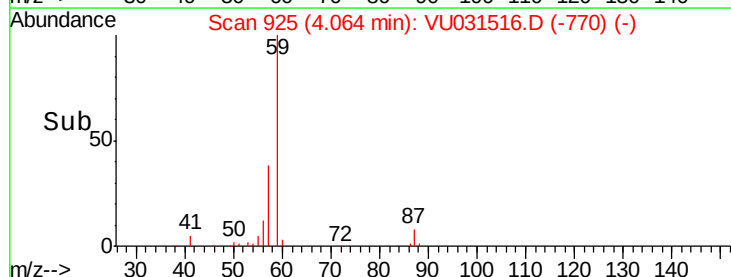


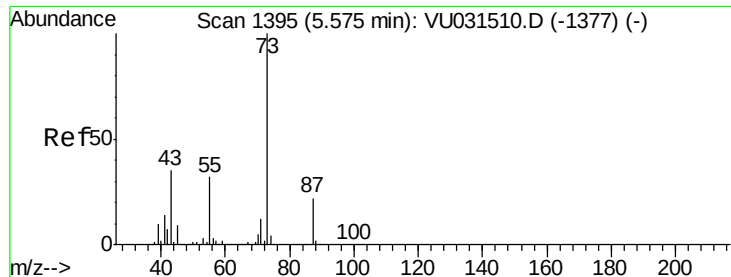
Abundance Ion 59.00 (58.70 to 59.70): VU031516.D (-770) (-)

Ion 87.00 (86.70 to 87.70): VU031516.D (-770) (-)

4.06

Time-->

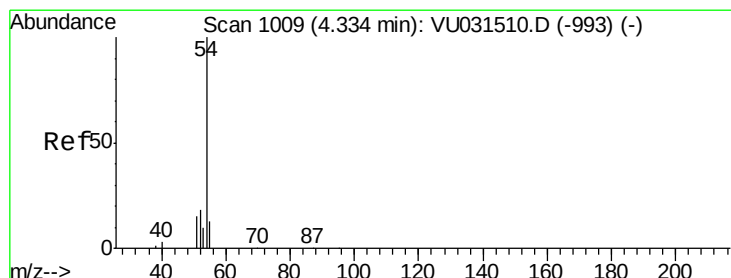
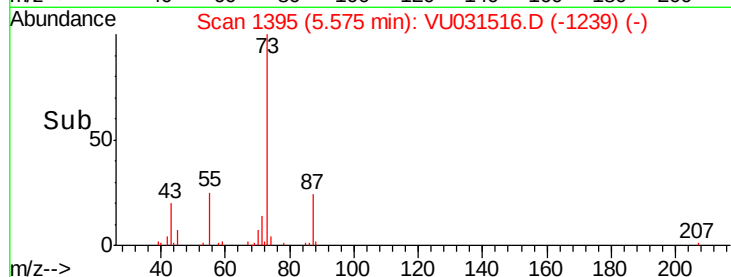
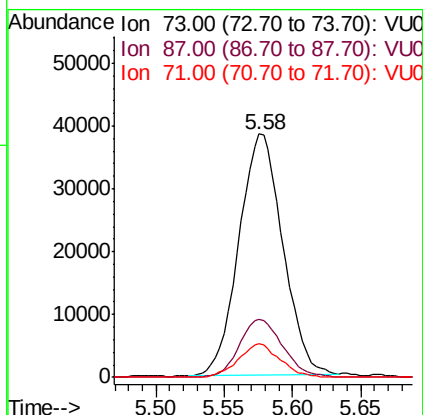
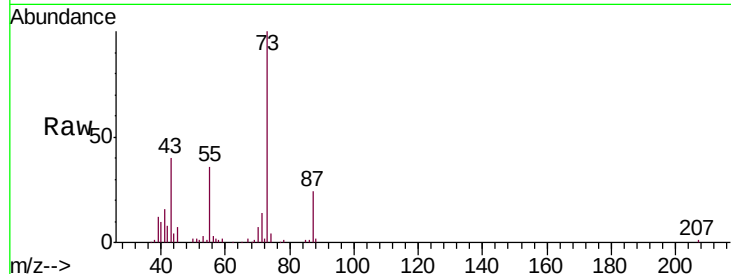




#33
Tert-Amyl methyl ether
Concen: 1.880 ug/l
RT: 5.58 min Scan# 1395
Delta R.T. 0.00 min
Lab File: VU031516.D
Acq: 26 Apr 2019 01:11

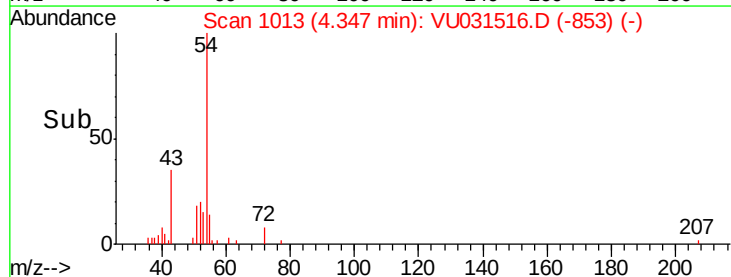
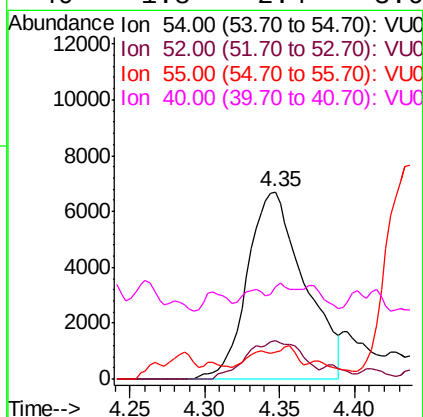
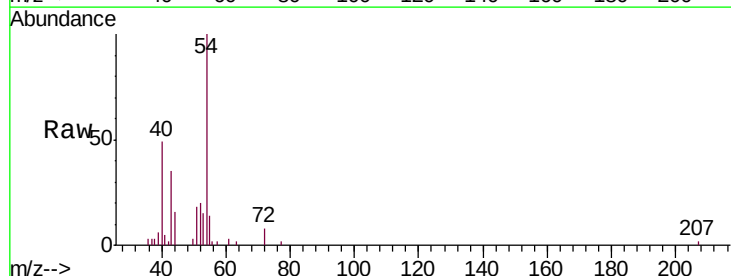
Instrument :
MSVOA_U
ClientSampleId :
VU0426WBS01

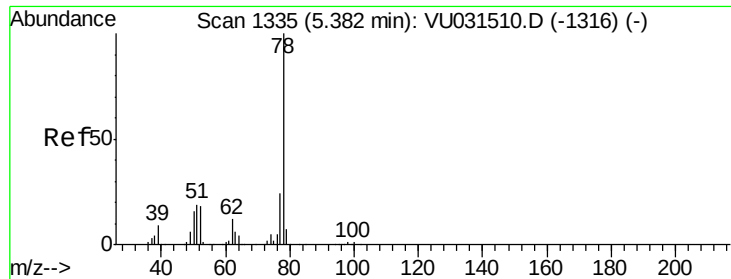
Tgt Ion: 73 Resp: 85546
Ion Ratio Lower Upper
73 100
87 23.9 18.2 27.2
71 13.2 9.0 13.6



#34
Propionitrile
Concen: 9.093 ug/l
RT: 4.35 min Scan# 1013
Delta R.T. 0.01 min
Lab File: VU031516.D
Acq: 26 Apr 2019 01:11

Tgt Ion: 54 Resp: 17750
Ion Ratio Lower Upper
54 100
52 20.0 15.0 22.4
55 0.0 13.5 20.3#
40 1.8 2.4 3.6#

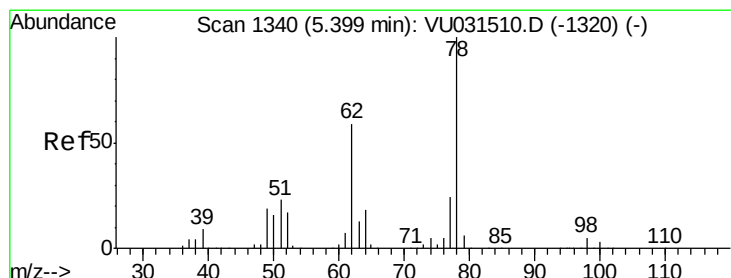
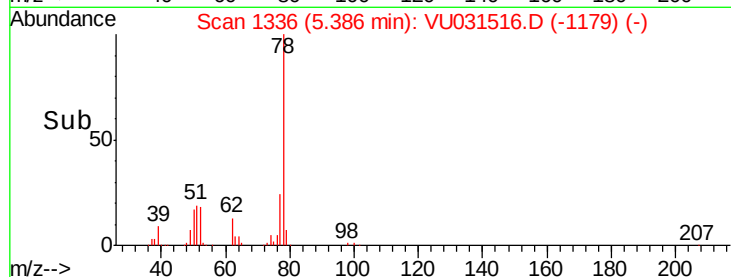
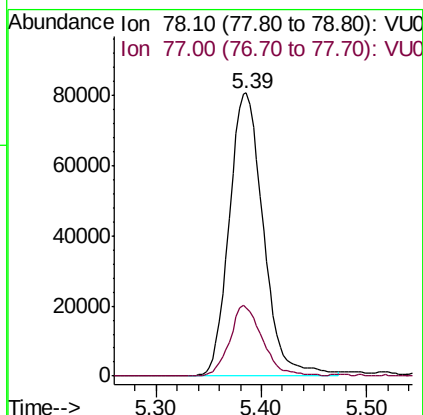
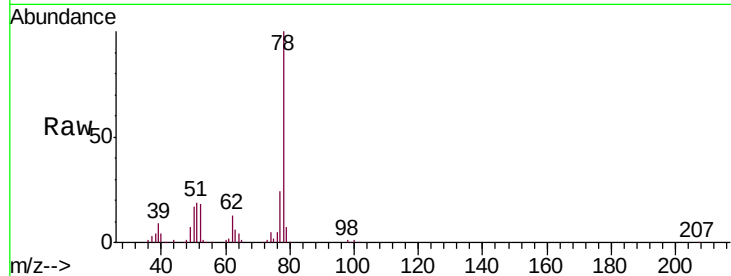




#35
Benzene
Concen: 1.995 ug/l
RT: 5.39 min Scan# 1336
Delta R.T. 0.00 min
Lab File: VU031516.D
Acq: 26 Apr 2019 01:11

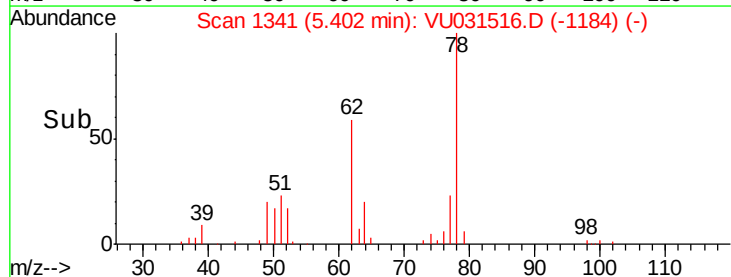
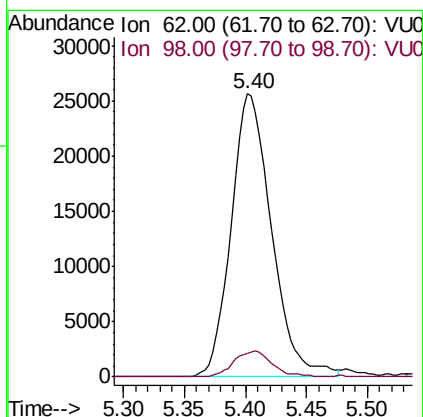
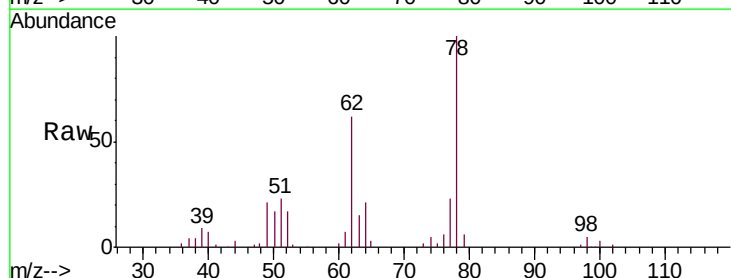
Instrument :
MSVOA_U
ClientSampleId :
VU0426WBS01

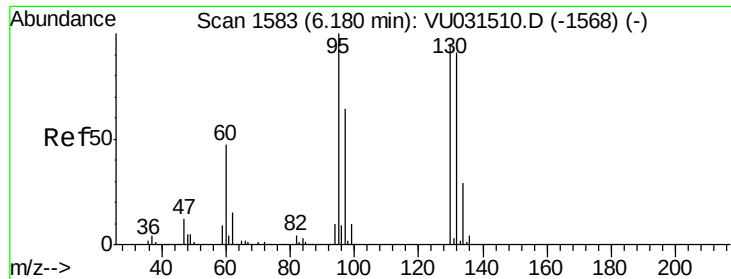
Tgt Ion: 78 Resp: 181605
Ion Ratio Lower Upper
78 100
77 24.0 19.2 28.8



#36
1,2-Dichloroethane
Concen: 1.987 ug/l
RT: 5.40 min Scan# 1341
Delta R.T. 0.00 min
Lab File: VU031516.D
Acq: 26 Apr 2019 01:11

Tgt Ion: 62 Resp: 58934
Ion Ratio Lower Upper
62 100
98 8.6 6.7 10.1

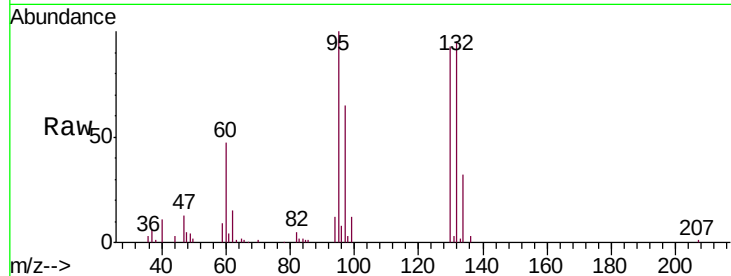




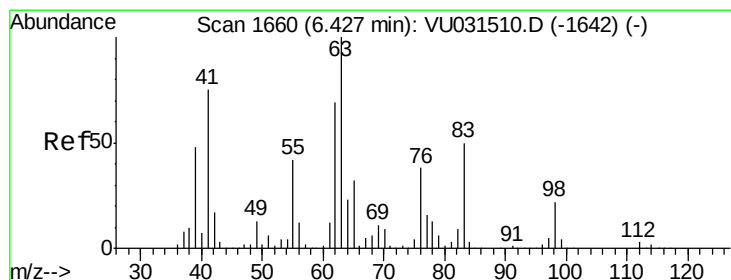
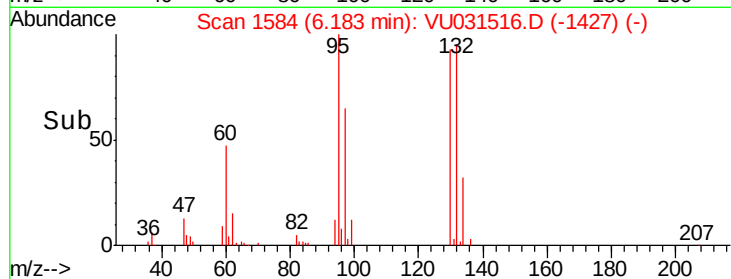
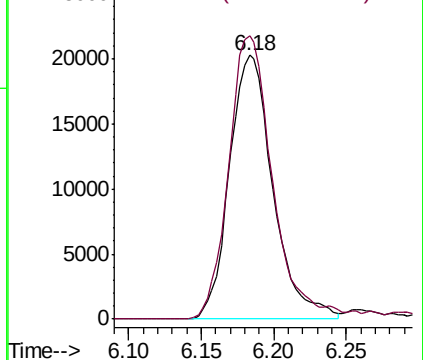
#37
 Trichloroethene
 Concen: 1.897 ug/l
 RT: 6.18 min Scan# 1584
 Delta R.T. 0.00 min
 Lab File: VU031516.D
 Acq: 26 Apr 2019 01:11

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0426WBS01

Tgt Ion: 130 Resp: 42243
 Ion Ratio Lower Upper
 130 100
 95 107.3 83.8 125.8

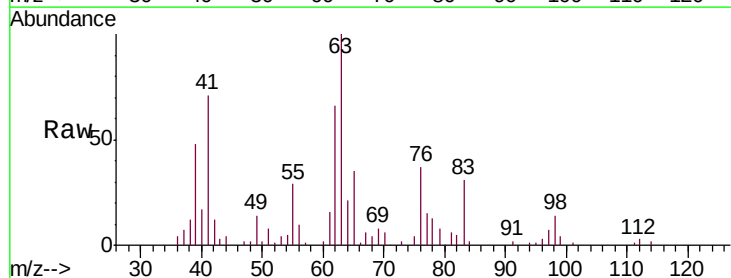


Abundance Ion 129.90 (129.60 to 130.60): VU031510.D (-1568) (-)
 Ion 94.90 (94.60 to 95.60): VU031510.D (-1568) (-)

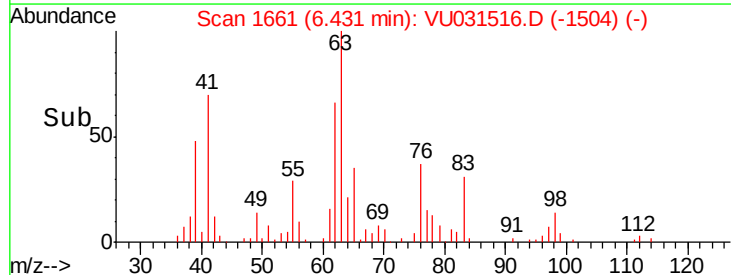
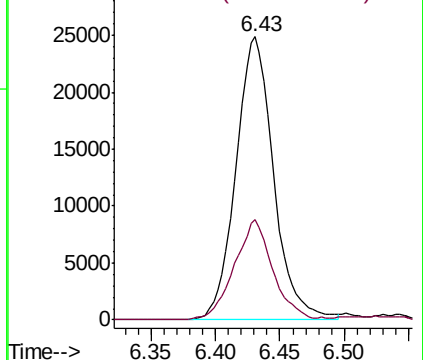


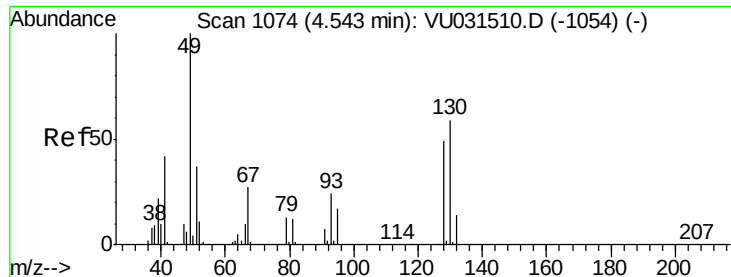
#38
 1,2-Dichloropropane
 Concen: 1.971 ug/l
 RT: 6.43 min Scan# 1661
 Delta R.T. 0.00 min
 Lab File: VU031516.D
 Acq: 26 Apr 2019 01:11

Tgt Ion: 63 Resp: 50696
 Ion Ratio Lower Upper
 63 100
 65 35.5 25.3 37.9



Abundance Ion 63.00 (62.70 to 63.70): VU031510.D (-1642) (-)
 Ion 65.00 (64.70 to 65.70): VU031510.D (-1642) (-)

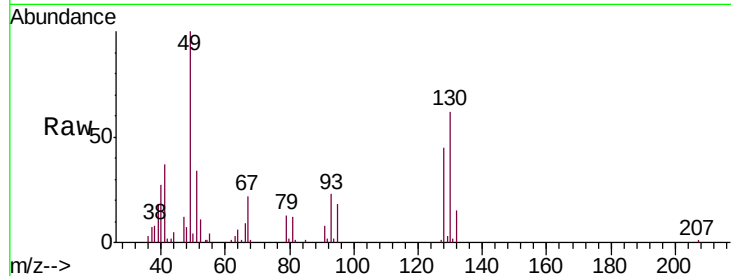




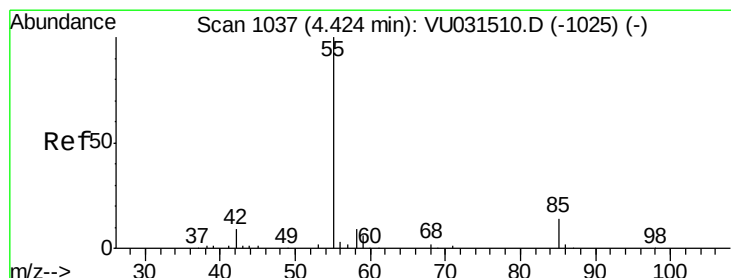
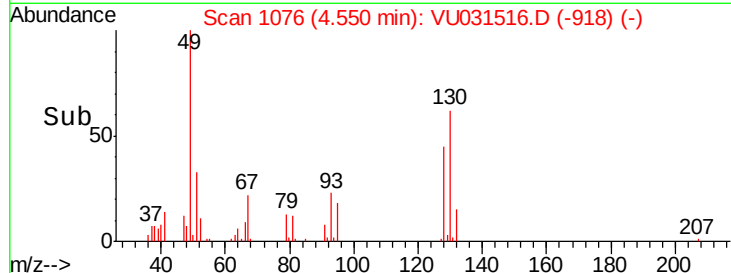
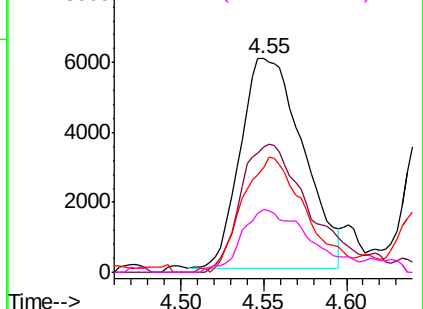
#39
Methacrylonitrile
Concen: 1.935 ug/l
RT: 4.55 min Scan# 1076
Delta R.T. 0.01 min
Lab File: VU031516.D
Acq: 26 Apr 2019 01:11

Instrument :
MSVOA_U
ClientSampleId :
VU0426WBS01

Tgt Ion:	41	Resp:	15845
Ion	Ratio	Lower	Upper
41	100		
67	66.5	54.2	81.4
39	55.0	43.8	65.8
52	32.5	21.8	32.8

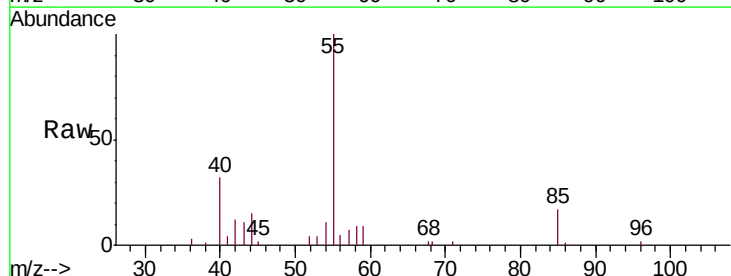


Abundance Ion 41.00 (40.70 to 41.70): VU0
Ion 67.00 (66.70 to 67.70): VU0
Ion 39.00 (38.70 to 39.70): VU0
Ion 52.00 (51.70 to 52.70): VU0

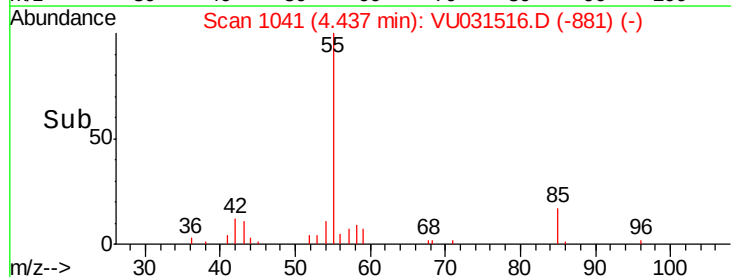
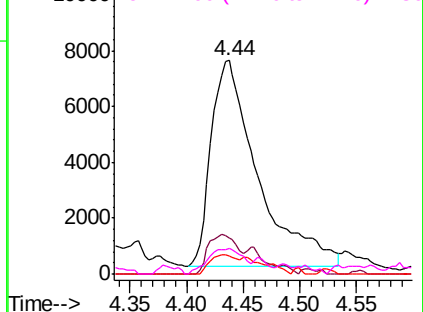


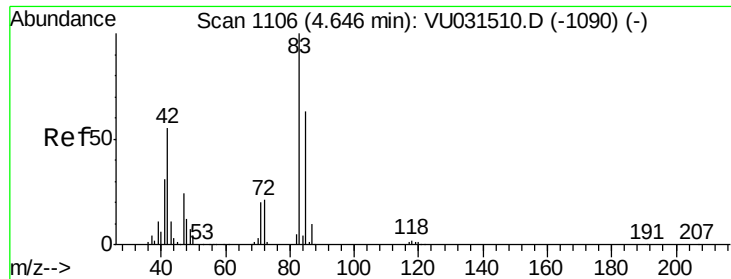
#40
Methyl acrylate
Concen: 1.937 ug/l
RT: 4.44 min Scan# 1041
Delta R.T. 0.01 min
Lab File: VU031516.D
Acq: 26 Apr 2019 01:11

Tgt Ion:	55	Resp:	21094
Ion	Ratio	Lower	Upper
55	100		
85	12.1	11.5	17.3
58	5.4	6.5	9.7#
42	9.3	7.4	11.2



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

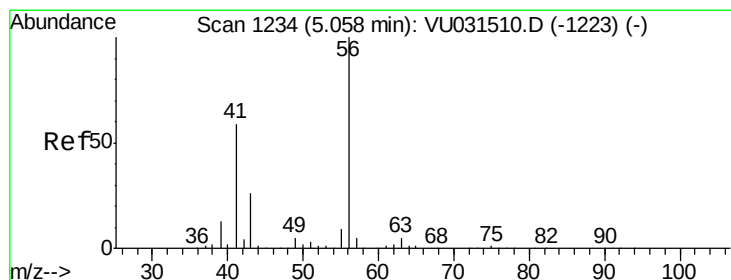
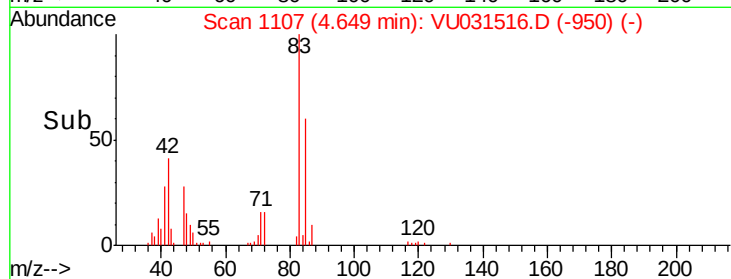
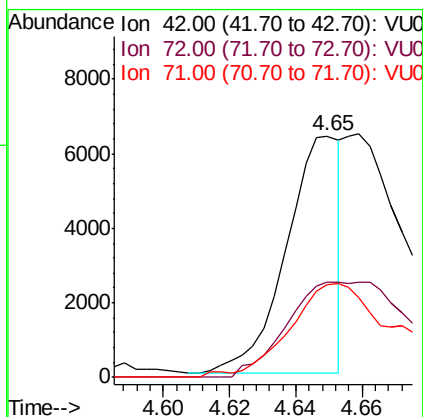
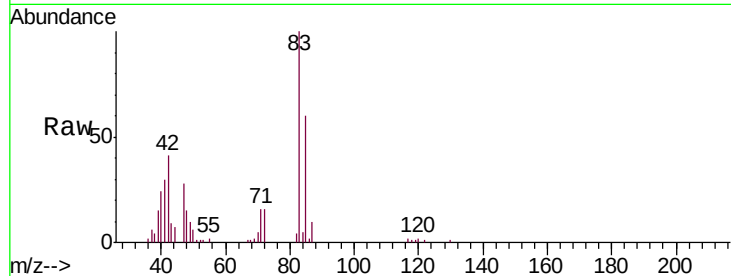




#41
Tetrahydrofuran
Concen: 1.606 ug/l
RT: 4.65 min Scan# 1107
Delta R.T. 0.00 min
Lab File: VU031516.D
Acq: 26 Apr 2019 01:11

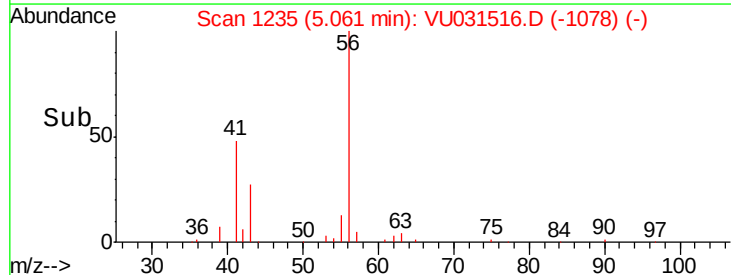
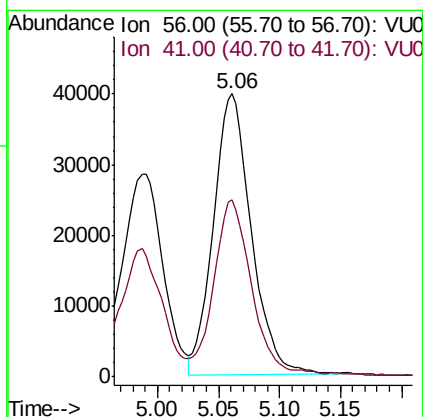
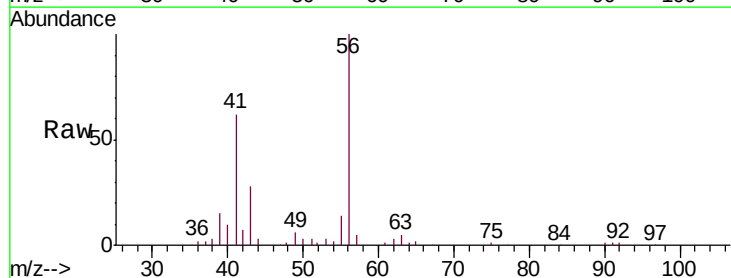
Instrument :
MSVOA_U
ClientSampleId :
VU0426WBS01

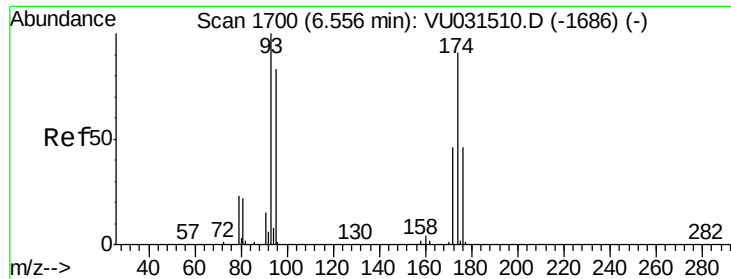
Tgt Ion: 42 Resp: 7207
Ion Ratio Lower Upper
42 100
72 97.8 32.1 48.1#
71 83.8 29.2 43.8#



#42
1-Chlorobutane
Concen: 1.906 ug/l
RT: 5.06 min Scan# 1235
Delta R.T. 0.00 min
Lab File: VU031516.D
Acq: 26 Apr 2019 01:11

Tgt Ion: 56 Resp: 86072
Ion Ratio Lower Upper
56 100
41 60.7 29.3 88.0





#43

Dibromomethane

Concen: 1.967 ug/l

RT: 6.56 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VU031516.D

Acq: 26 Apr 2019 01:11

Instrument :

MSVOA_U

ClientSampleId :

VU0426WBS01

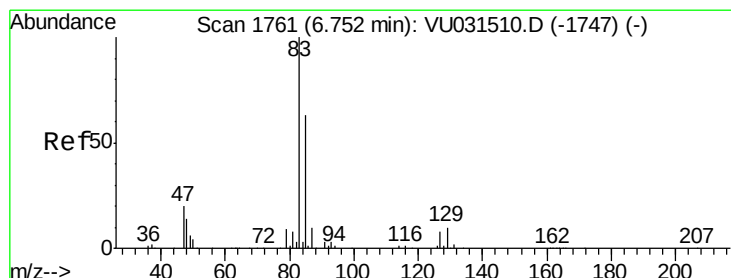
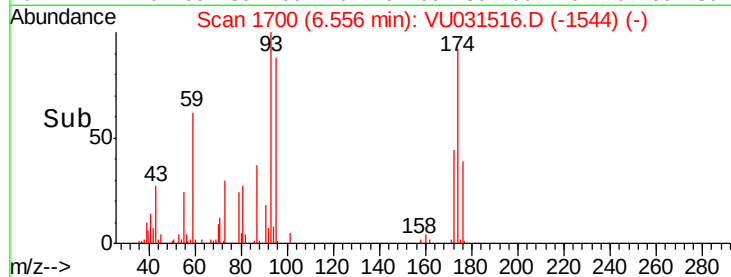
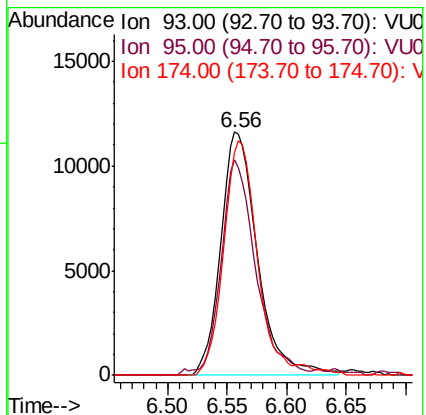
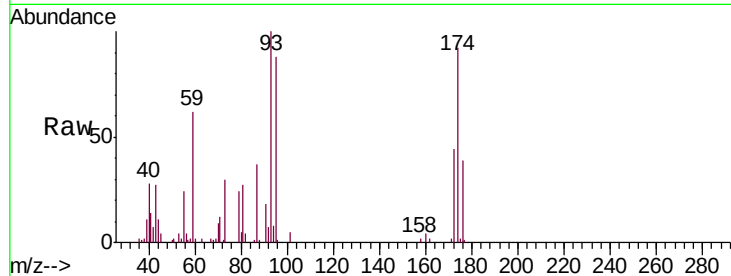
Tgt Ion: 93 Resp: 24858

Ion Ratio Lower Upper

93 100

95 78.7 65.7 98.5

174 87.1 71.8 107.8



#44

Bromodichloromethane

Concen: 1.979 ug/l

RT: 6.76 min Scan# 1762

Delta R.T. 0.00 min

Lab File: VU031516.D

Acq: 26 Apr 2019 01:11

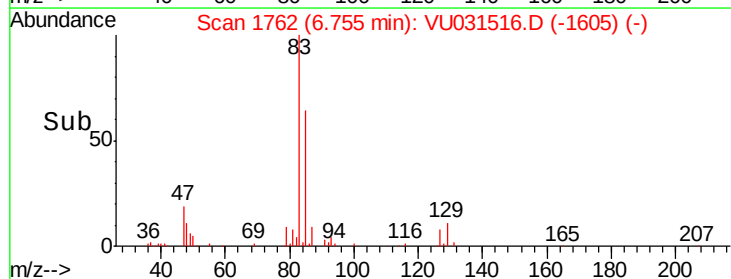
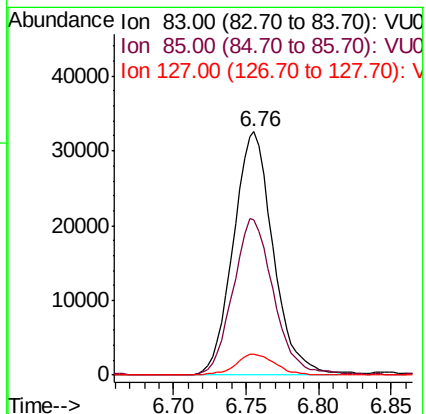
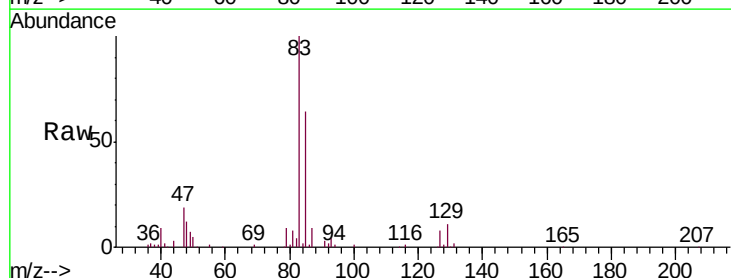
Tgt Ion: 83 Resp: 62133

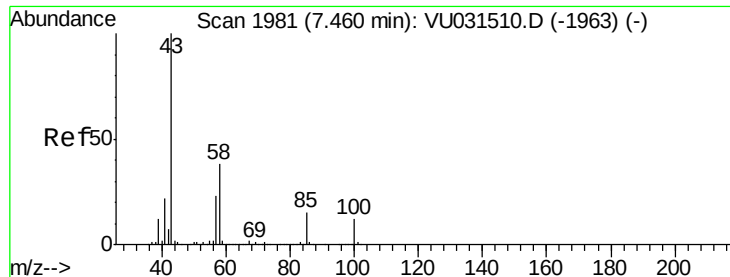
Ion Ratio Lower Upper

83 100

85 63.9 50.3 75.5

127 8.4 6.6 9.8





#45

4-Methyl-2-Pentanone

Concen: 9.961 ug/l

RT: 7.46 min Scan# 1982

Delta R.T. 0.00 min

Lab File: VU031516.D

Acq: 26 Apr 2019 01:11

Instrument :

MSVOA_U

ClientSampleId :

VU0426WBS01

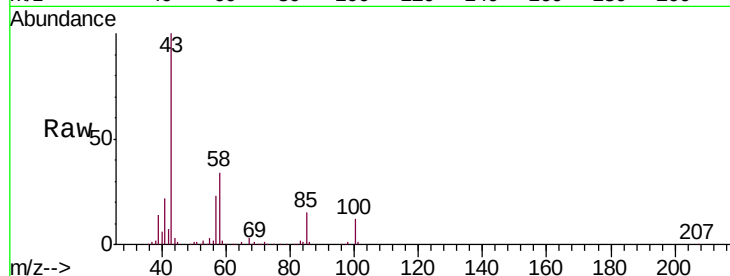
Tgt Ion: 43 Resp: 150656

Ion Ratio Lower Upper

43 100

58 34.1 18.7 56.1

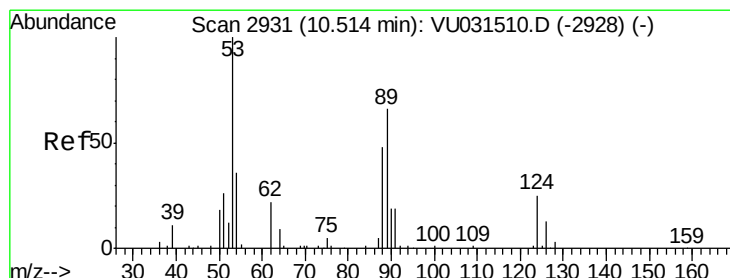
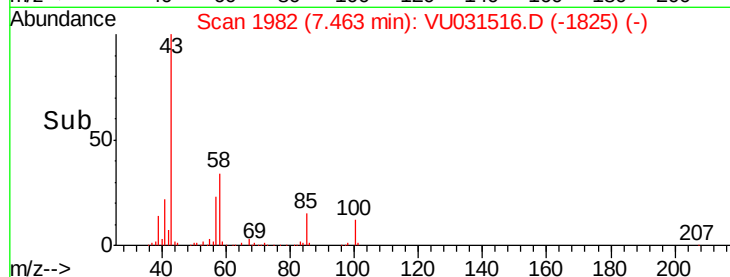
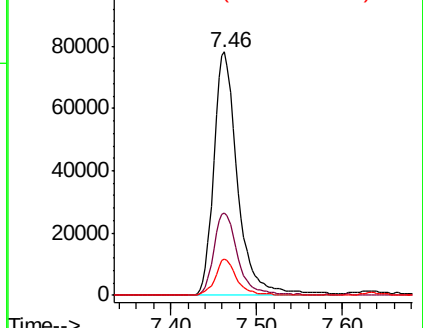
85 13.5 12.1 18.1



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

Ion 85.00 (84.70 to 85.70): VU0



#46

t-1,4-Dichloro-2-butene

Concen: 9.550 ug/l

RT: 10.49 min Scan# 2925

Delta R.T. -0.02 min

Lab File: VU031516.D

Acq: 26 Apr 2019 01:11

Tgt Ion: 75 Resp: 44323

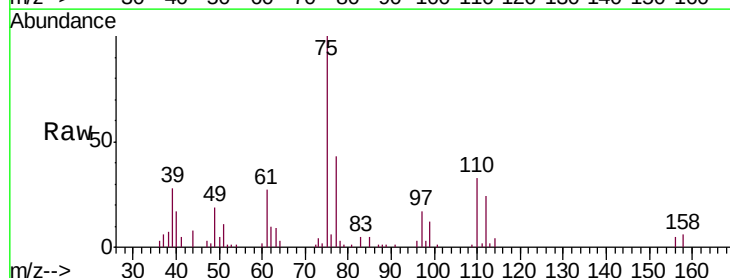
Ion Ratio Lower Upper

75 100

53 30.8 63.8 95.8#

89 18.7 38.6 57.8#

88 13.0 0.0 0.0#

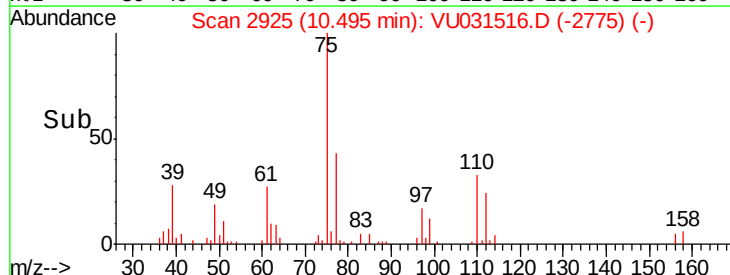
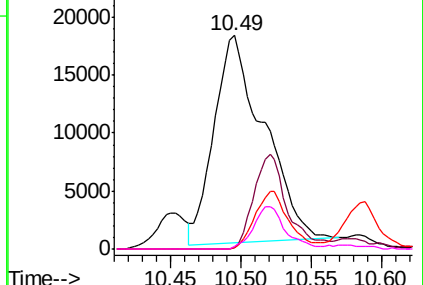


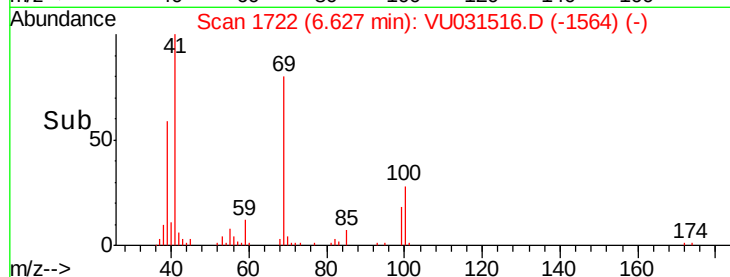
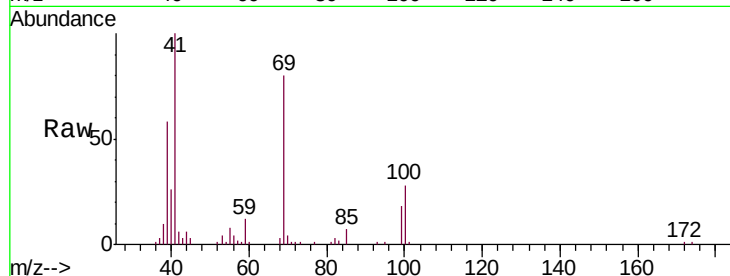
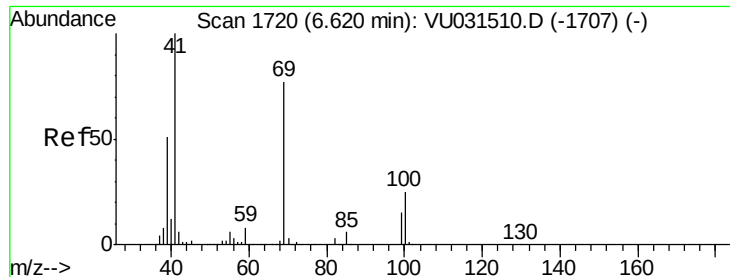
Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 53.00 (52.70 to 53.70): VU0

Ion 88.80 (88.50 to 89.50): VU0

Ion 87.80 (87.50 to 88.50): VU0





#47

Methyl methacrylate

Concen: 3.625 ug/l

RT: 6.63 min Scan# 1722

Delta R.T. 0.01 min

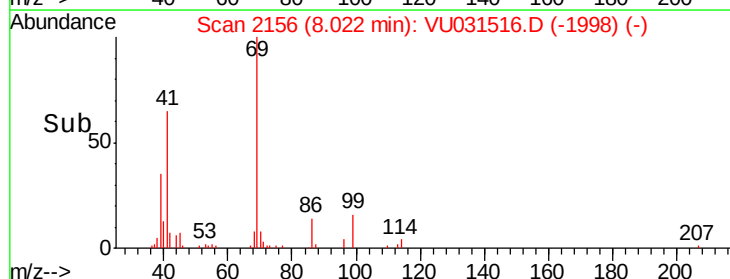
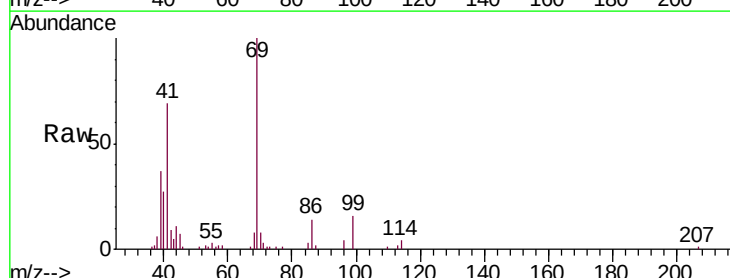
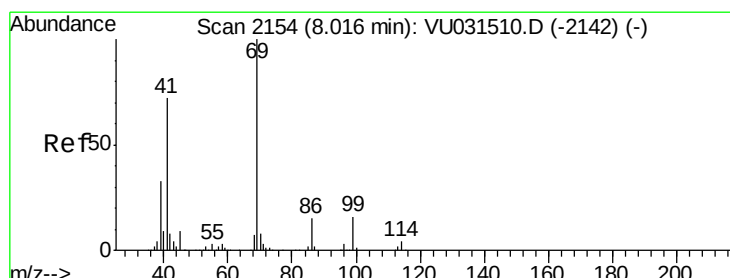
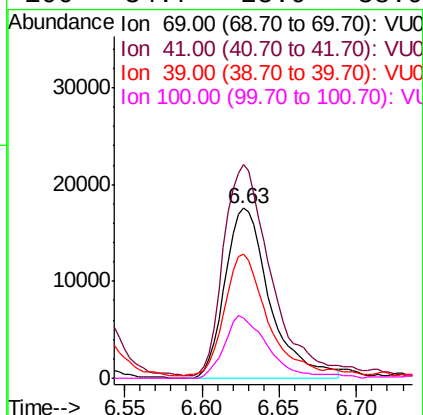
Lab File: VU031516.D

Acq: 26 Apr 2019 01:11

Instrument :
MSVOA_U
ClientSampleId :
VU0426WBS01

Tgt Ion: 69 Resp: 35390

Ion	Ratio	Lower	Upper
69	100		
41	131.4	0.0	256.4
39	67.5	52.2	78.4
100	34.7	25.9	38.9



#48

Ethyl methacrylate

Concen: 1.836 ug/l

RT: 8.02 min Scan# 2156

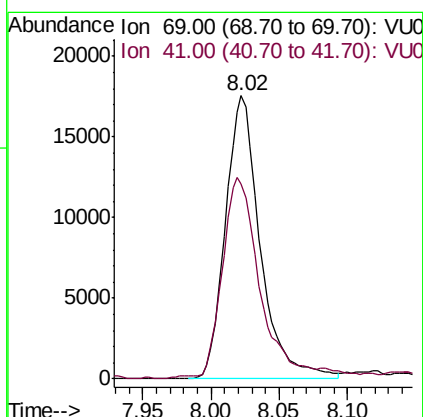
Delta R.T. 0.01 min

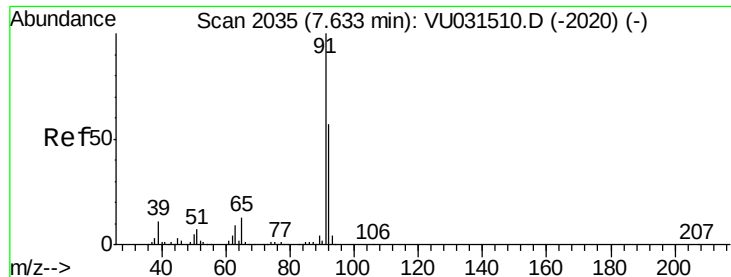
Lab File: VU031516.D

Acq: 26 Apr 2019 01:11

Tgt Ion: 69 Resp: 31193

Ion	Ratio	Lower	Upper
69	100		
41	73.0	35.5	106.5





#49

Toluene

Concen: 1.987 ug/l

RT: 7.63 min Scan# 2035

Delta R.T. 0.00 min

Lab File: VU031516.D

Acq: 26 Apr 2019 01:11

Instrument :

MSVOA_U

ClientSampleId :

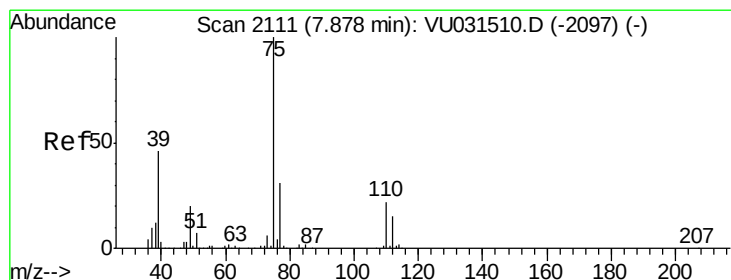
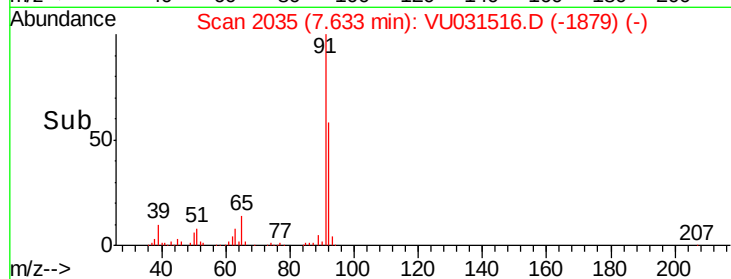
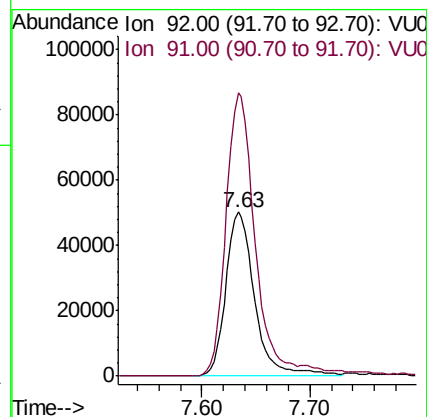
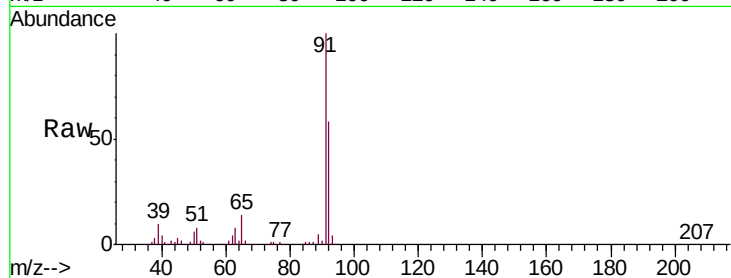
VU0426WBS01

Tgt Ion: 92 Resp: 94037

Ion Ratio Lower Upper

92 100

91 170.5 142.0 213.0



#50

t-1,3-Dichloropropene

Concen: 1.834 ug/l

RT: 7.88 min Scan# 2112

Delta R.T. 0.00 min

Lab File: VU031516.D

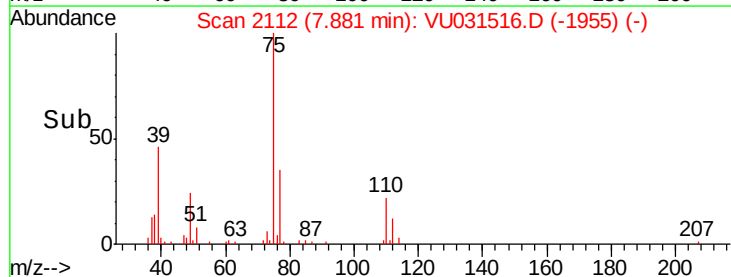
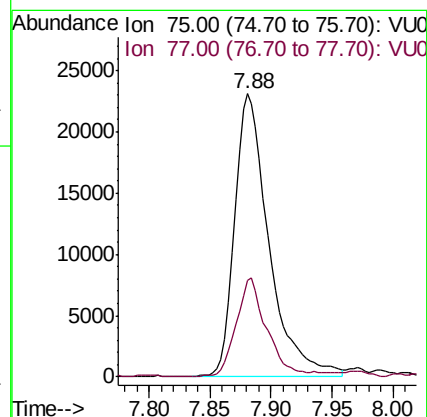
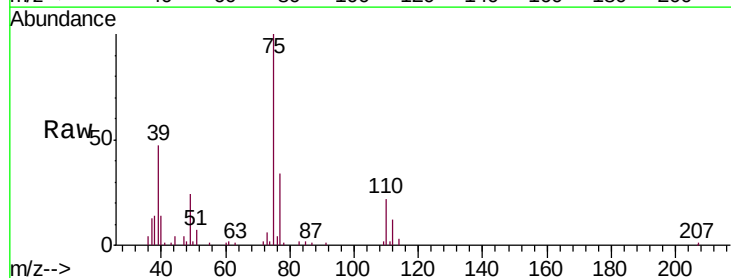
Acq: 26 Apr 2019 01:11

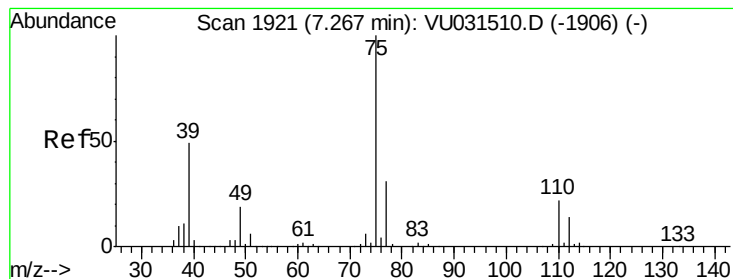
Tgt Ion: 75 Resp: 45375

Ion Ratio Lower Upper

75 100

77 34.2 25.0 37.4



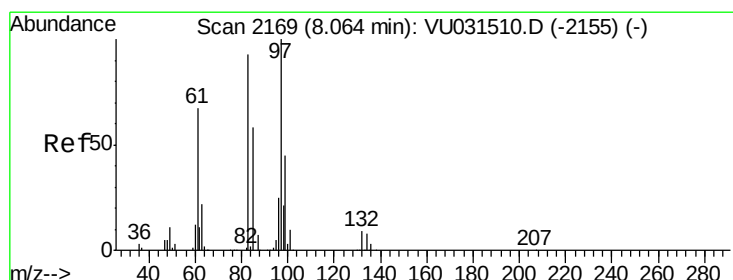
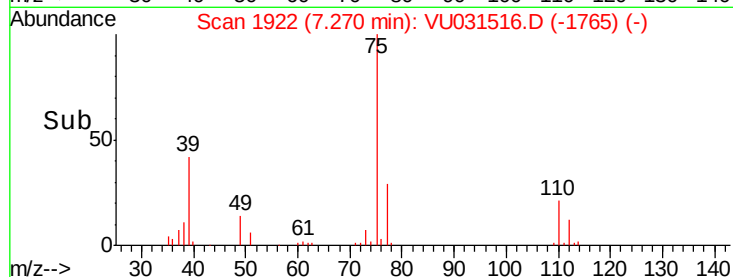
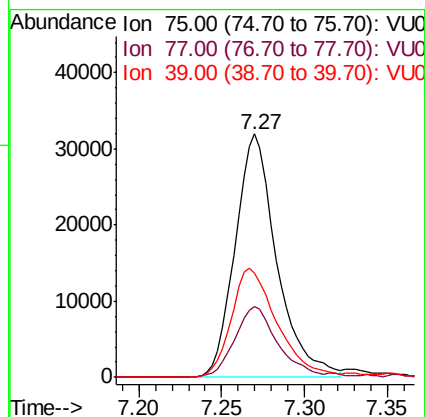
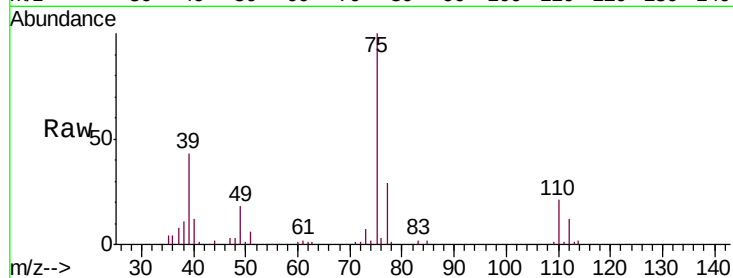


#51

cis-1,3-Dichloropropene
 Concen: 1.857 ug/l
 RT: 7.27 min Scan# 1922
 Delta R.T. 0.00 min
 Lab File: VU031516.D
 Acq: 26 Apr 2019 01:11

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0426WBS01

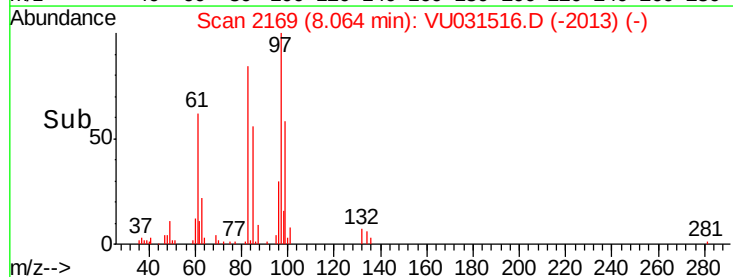
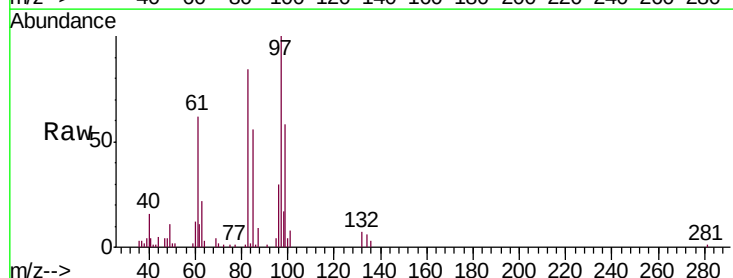
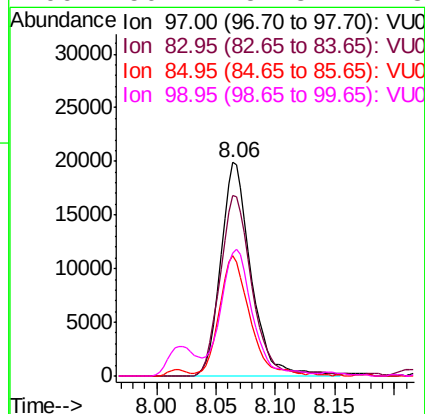
Tgt Ion	Ratio	Lower	Upper
75	100		
77	29.1	25.0	37.4
39	42.7	39.0	58.6

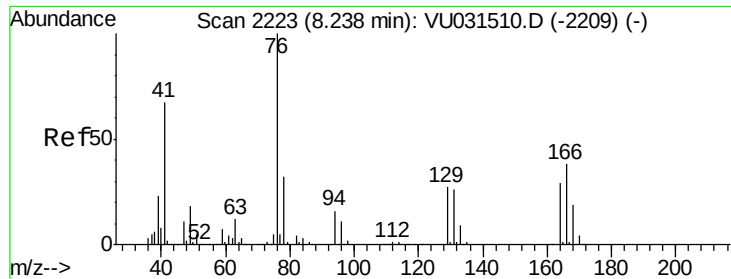


#52

1,1,2-Trichloroethane
 Concen: 2.123 ug/l
 RT: 8.06 min Scan# 2169
 Delta R.T. 0.00 min
 Lab File: VU031516.D
 Acq: 26 Apr 2019 01:11

Tgt Ion	Ratio	Lower	Upper
97	100		
83	84.4	74.8	112.2
85	55.8	48.3	72.5
99	56.2	51.8	77.8

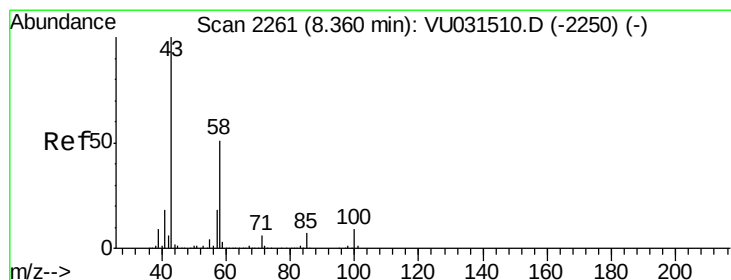
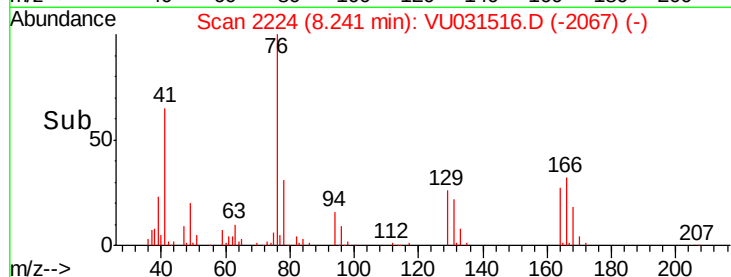
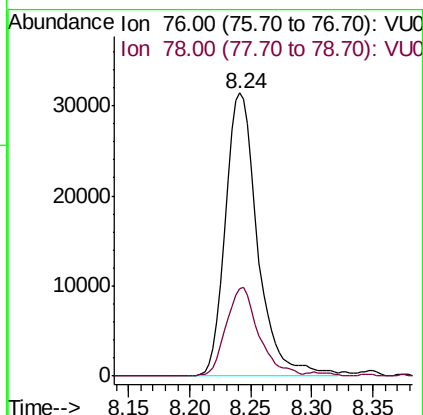
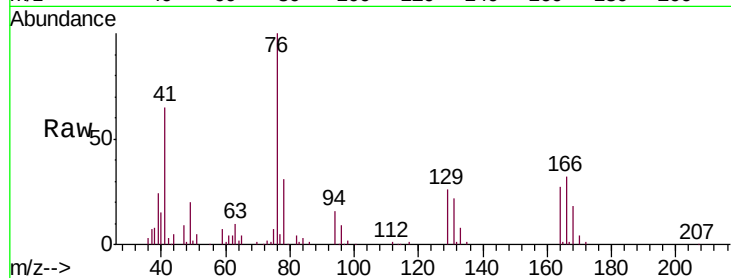




#53
 1,3-Dichloropropane
 Concen: 2.014 ug/l
 RT: 8.24 min Scan# 2224
 Delta R.T. 0.00 min
 Lab File: VU031516.D
 Acq: 26 Apr 2019 01:11

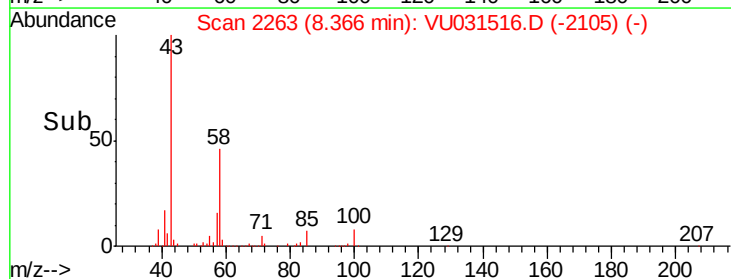
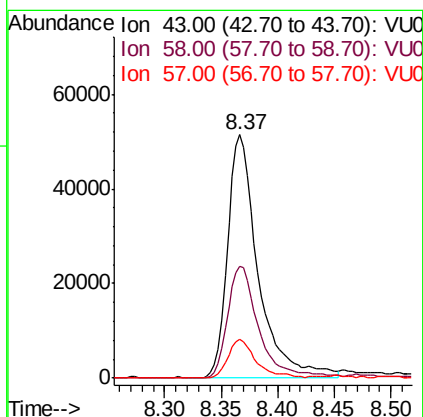
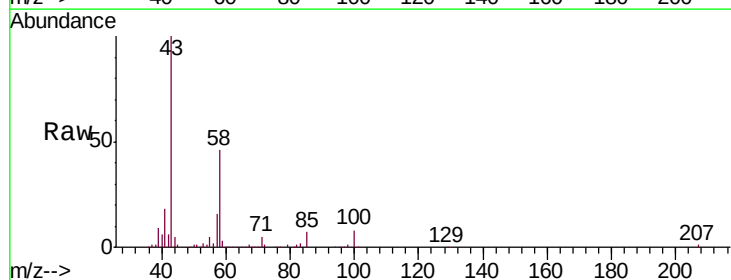
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0426WBS01

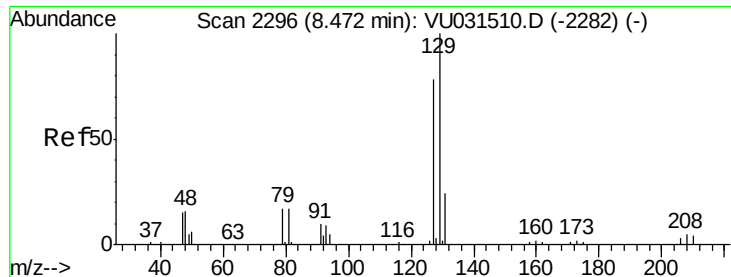
Tgt Ion: 76 Resp: 58259
 Ion Ratio Lower Upper
 76 100
 78 31.7 25.7 38.5



#54
 2-Hexanone
 Concen: 9.443 ug/l
 RT: 8.37 min Scan# 2263
 Delta R.T. 0.01 min
 Lab File: VU031516.D
 Acq: 26 Apr 2019 01:11

Tgt Ion: 43 Resp: 96297
 Ion Ratio Lower Upper
 43 100
 58 47.4 30.3 70.3
 57 14.9 0.0 37.8

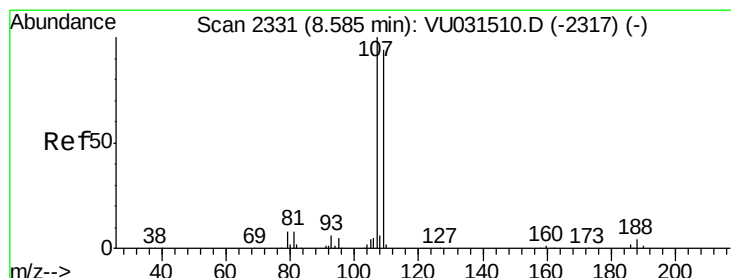
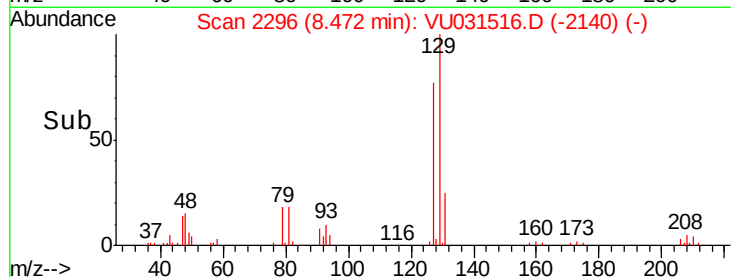
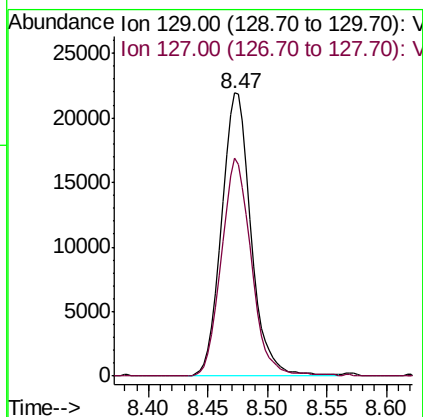
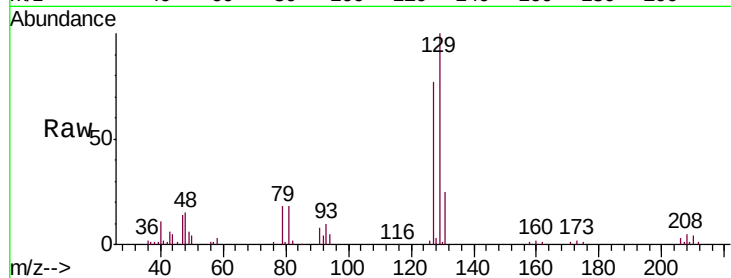




#55
 Dibromochloromethane
 Concen: 2.029 ug/l
 RT: 8.47 min Scan# 2296
 Delta R.T. 0.00 min
 Lab File: VU031516.D
 Acq: 26 Apr 2019 01:11

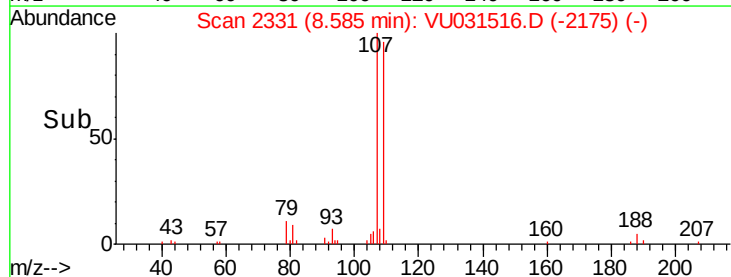
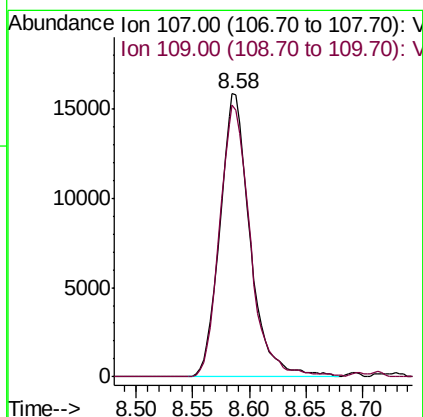
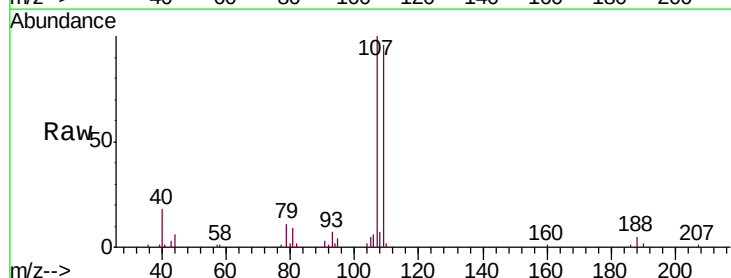
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0426WBS01

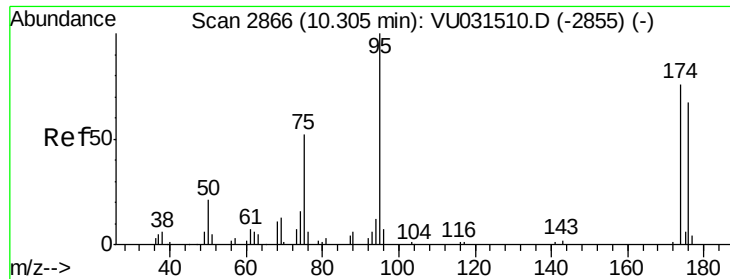
Tgt Ion:129 Resp: 37726
 Ion Ratio Lower Upper
 129 100
 127 77.9 62.6 94.0



#56
 1,2-Dibromoethane
 Concen: 1.991 ug/l
 RT: 8.58 min Scan# 2331
 Delta R.T. 0.00 min
 Lab File: VU031516.D
 Acq: 26 Apr 2019 01:11

Tgt Ion:107 Resp: 29379
 Ion Ratio Lower Upper
 107 100
 109 95.8 0.0 186.0





#57

4-Bromofluorobenzene

Concen: 1.991 ug/l

RT: 10.31 min Scan# 2867

Delta R.T. 0.00 min

Lab File: VU031516.D

Acq: 26 Apr 2019 01:11

Instrument :

MSVOA_U

ClientSampleId :

VU0426WBS01

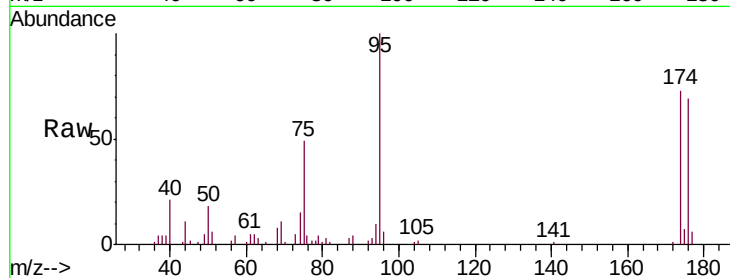
Tgt Ion: 95 Resp: 24324

Ion Ratio Lower Upper

95 100

174 75.5 57.9 86.9

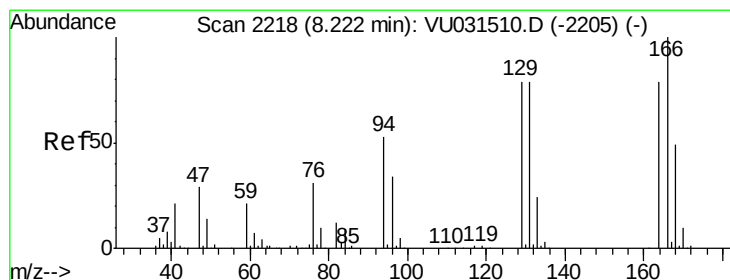
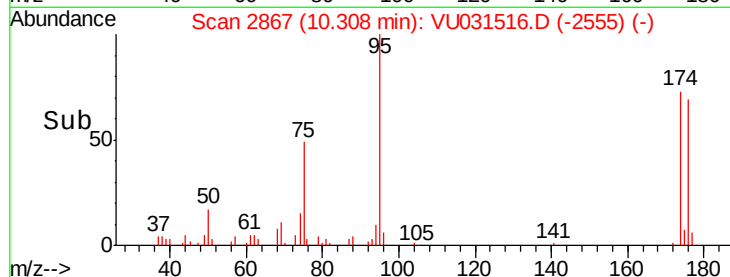
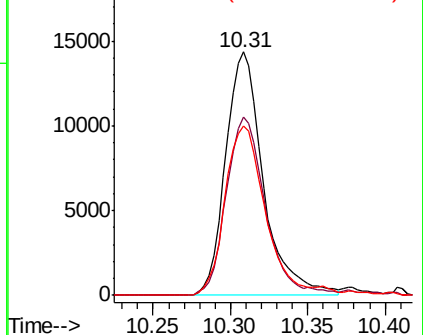
176 73.2 54.0 81.0



Abundance Ion 95.00 (94.70 to 95.70): VU031516.D (-2855) (-)

Ion 174.00 (173.70 to 174.70): VU031516.D (-2855) (-)

Ion 176.00 (175.70 to 176.70): VU031516.D (-2855) (-)



#58

Tetrachloroethene

Concen: 1.949 ug/l

RT: 8.22 min Scan# 2219

Delta R.T. 0.00 min

Lab File: VU031516.D

Acq: 26 Apr 2019 01:11

Tgt Ion: 164 Resp: 41855

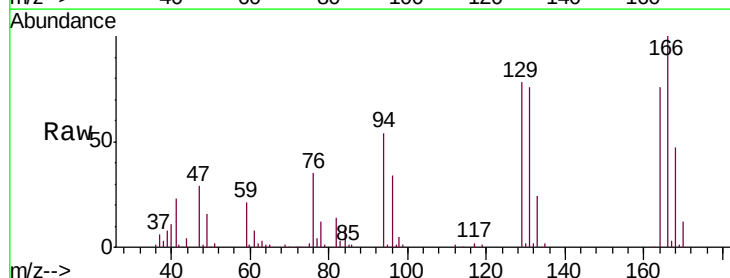
Ion Ratio Lower Upper

164 100

166 131.2 101.2 151.8

129 101.9 80.2 120.4

131 99.6 79.6 119.4

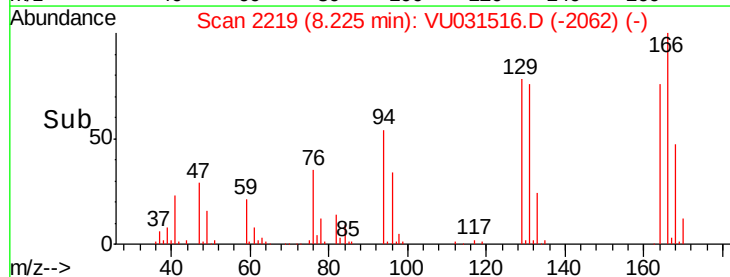
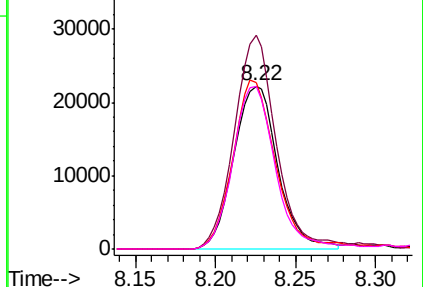


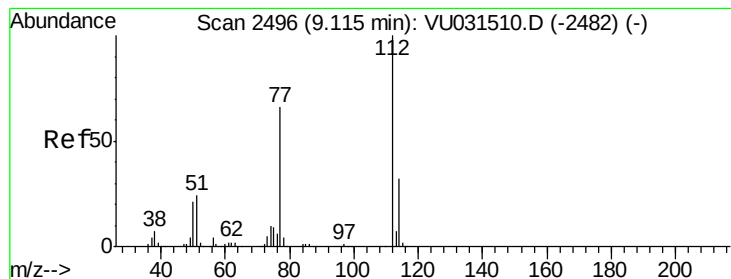
Abundance Ion 163.85 (163.55 to 164.55): VU031516.D (-2062) (-)

Ion 165.80 (165.50 to 166.50): VU031516.D (-2062) (-)

Ion 128.90 (128.60 to 129.60): VU031516.D (-2062) (-)

Ion 130.90 (130.60 to 131.60): VU031516.D (-2062) (-)





#59

Chlorobenzene

Concen: 1.958 ug/l

RT: 9.12 min Scan# 2497

Delta R.T. 0.00 min

Lab File: VU031516.D

Acq: 26 Apr 2019 01:11

Instrument :

MSVOA_U

ClientSampleId :

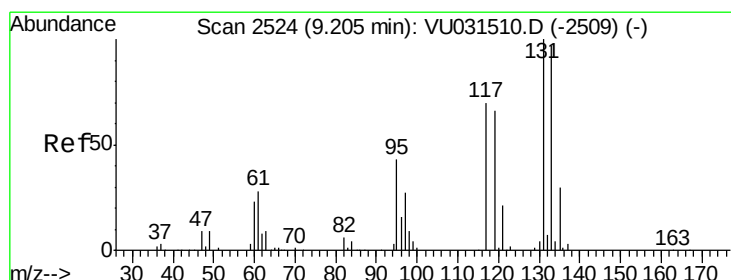
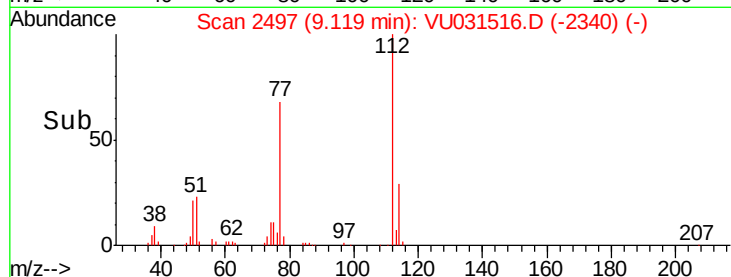
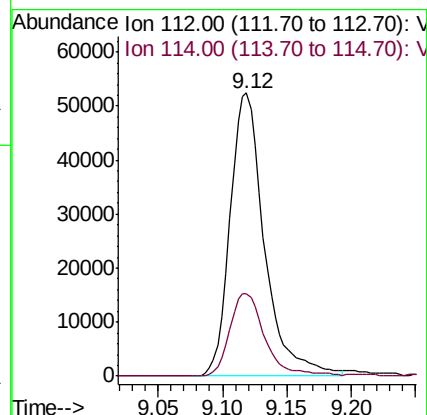
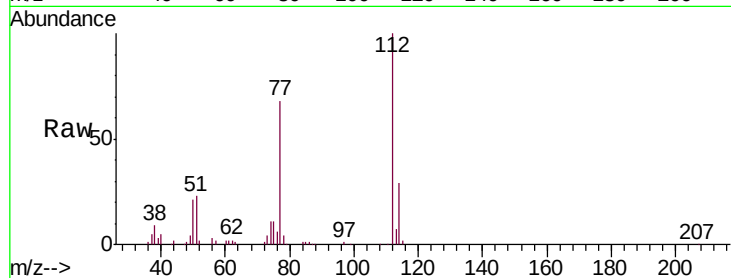
VU0426WBS01

Tgt Ion:112 Resp: 97185

Ion Ratio Lower Upper

112 100

114 29.1 25.8 38.6



#60

1,1,1,2-Tetrachloroethane

Concen: 2.060 ug/l

RT: 9.21 min Scan# 2524

Delta R.T. 0.00 min

Lab File: VU031516.D

Acq: 26 Apr 2019 01:11

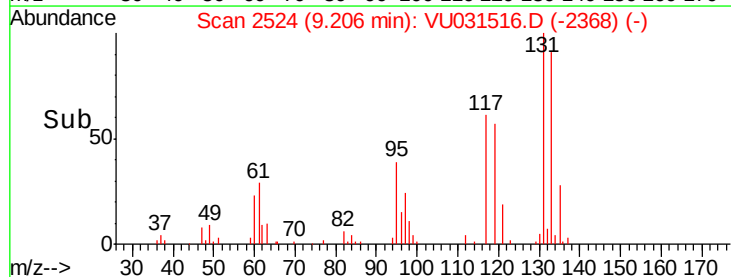
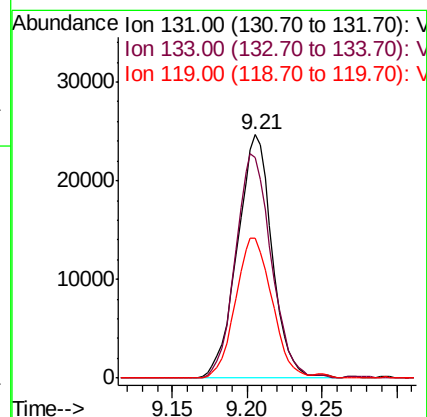
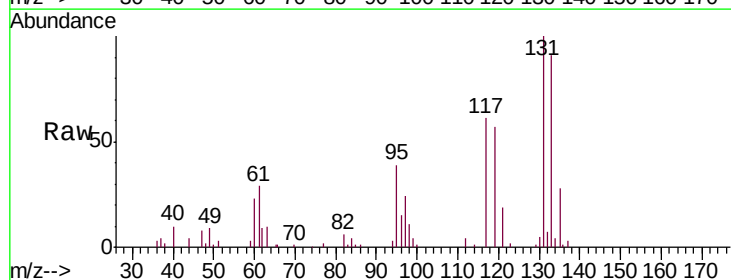
Tgt Ion:131 Resp: 39885

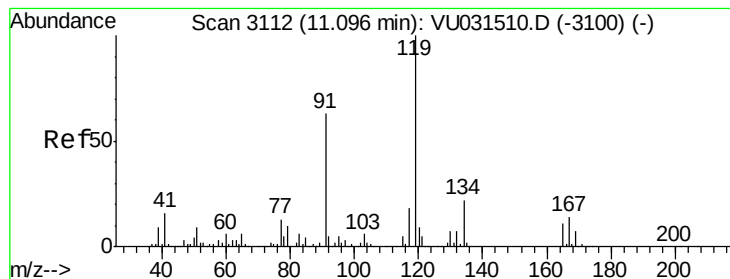
Ion Ratio Lower Upper

131 100

133 94.8 77.7 116.5

119 60.2 53.4 80.0





#61

Pentachloroethane

Concen: 1.972 ug/l

RT: 11.10 min Scan# 3112

Delta R.T. 0.00 min

Lab File: VU031516.D

Acq: 26 Apr 2019 01:11

Instrument :

MSVOA_U

ClientSampleId :

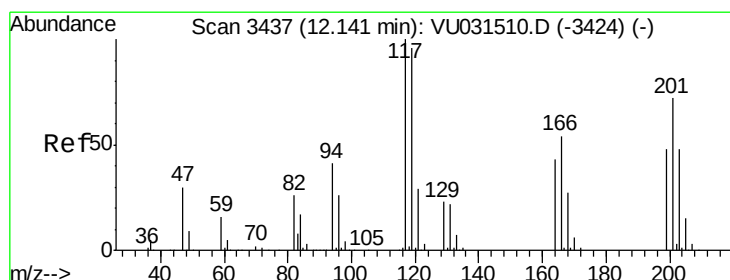
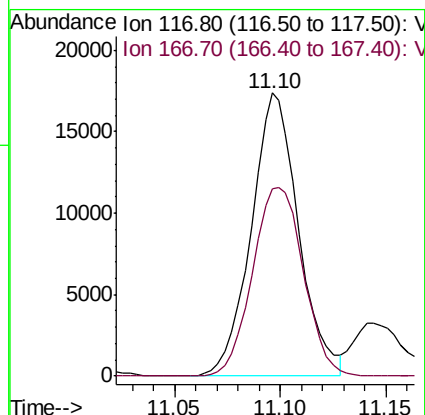
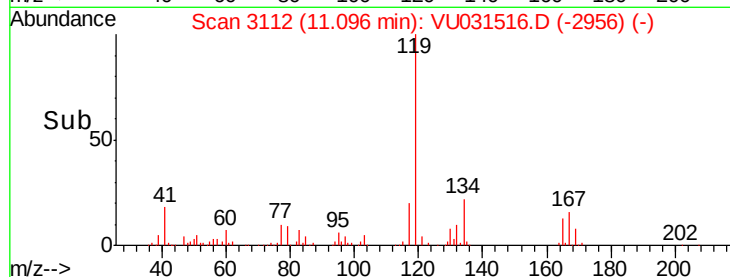
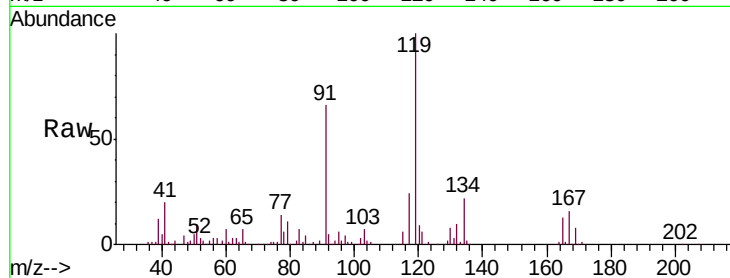
VU0426WBS01

Tgt Ion:117 Resp: 27056

Ion Ratio Lower Upper

117 100

167 71.8 62.5 93.7



#62

Hexachloroethane

Concen: 2.096 ug/l

RT: 12.14 min Scan# 3437

Delta R.T. 0.00 min

Lab File: VU031516.D

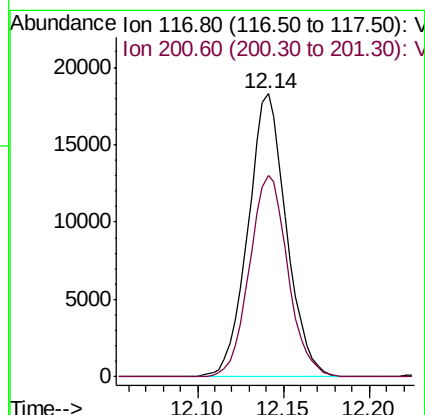
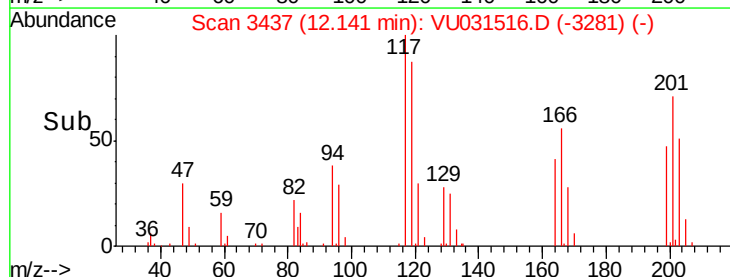
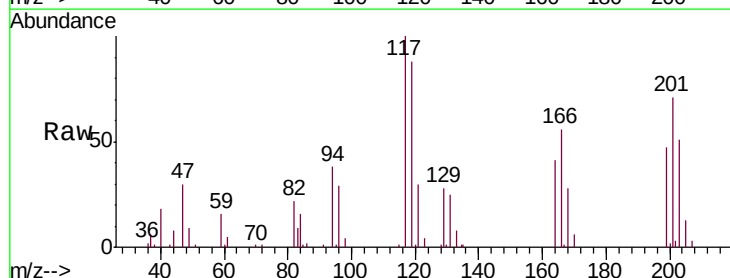
Acq: 26 Apr 2019 01:11

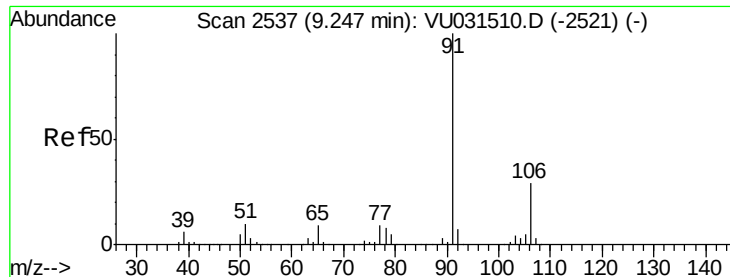
Tgt Ion:117 Resp: 28315

Ion Ratio Lower Upper

117 100

201 71.2 60.0 90.0





#63

Ethyl Benzene

Concen: 1.877 ug/l

RT: 9.25 min Scan# 2537

Delta R.T. 0.00 min

Lab File: VU031516.D

Acq: 26 Apr 2019 01:11

Instrument :

MSVOA_U

ClientSampleId :

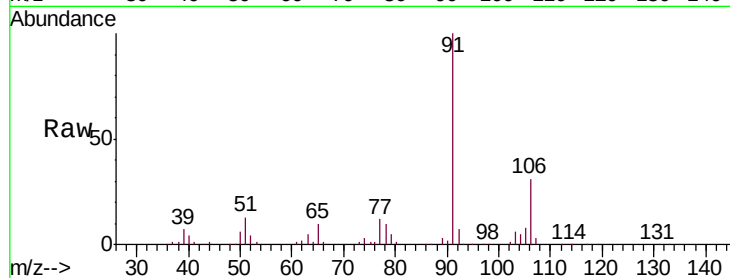
VU0426WBS01

Tgt Ion: 91 Resp: 152562

Ion Ratio Lower Upper

91 100

106 31.4 23.4 35.2



Abundance Ion 91.00 (90.70 to 91.70): VU031516.D (-2381) (-)

Ion 106.00 (105.70 to 106.70): VU031516.D (-2381) (-)

150000

100000

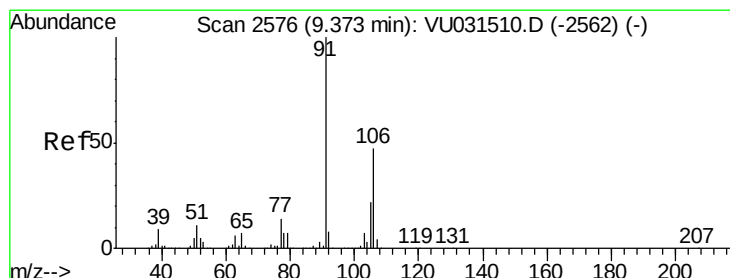
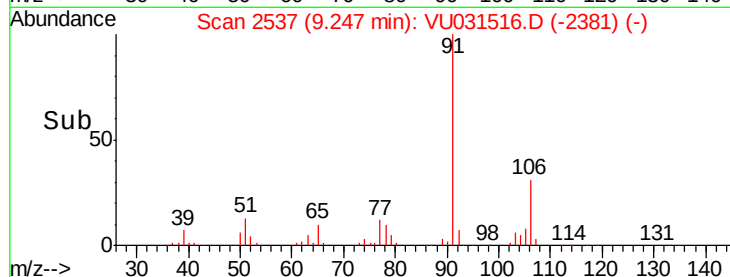
50000

0

9.25

9.35

Time-->



#64

m/p-Xylenes

Concen: 3.670 ug/l

RT: 9.37 min Scan# 2576

Delta R.T. 0.00 min

Lab File: VU031516.D

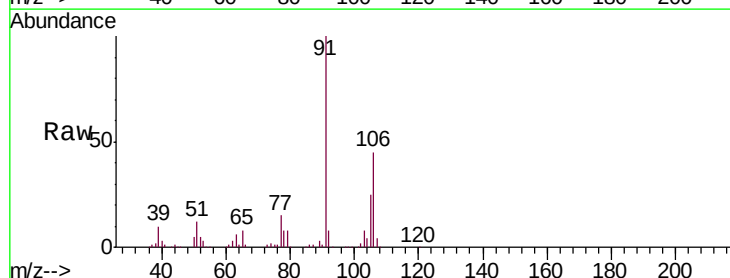
Acq: 26 Apr 2019 01:11

Tgt Ion: 106 Resp: 111619

Ion Ratio Lower Upper

106 100

91 219.2 171.0 256.4



Abundance Ion 106.00 (105.70 to 106.70): VU031516.D (-2420) (-)

Ion 91.00 (90.70 to 91.70): VU031516.D (-2420) (-)

150000

100000

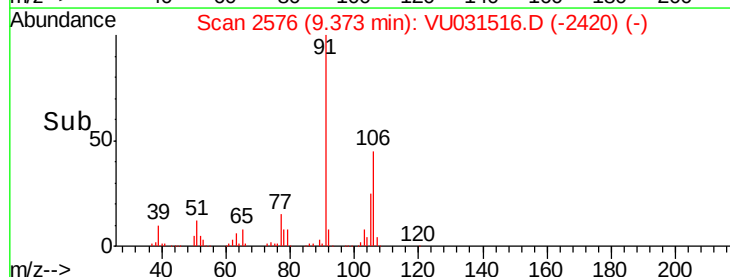
50000

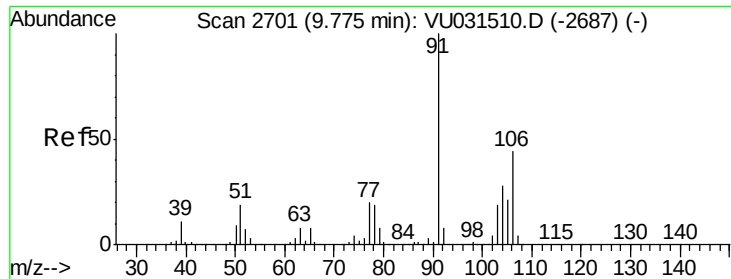
0

9.37

9.50

Time-->

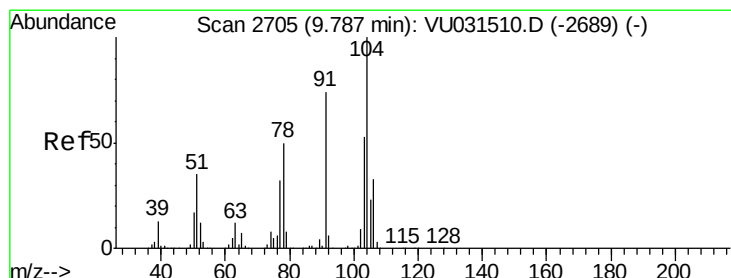
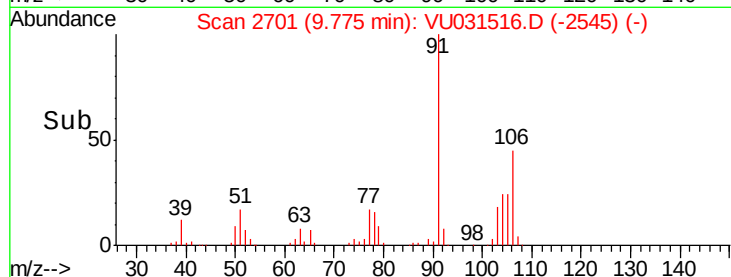
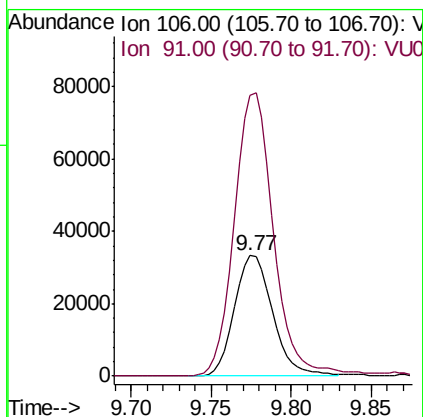
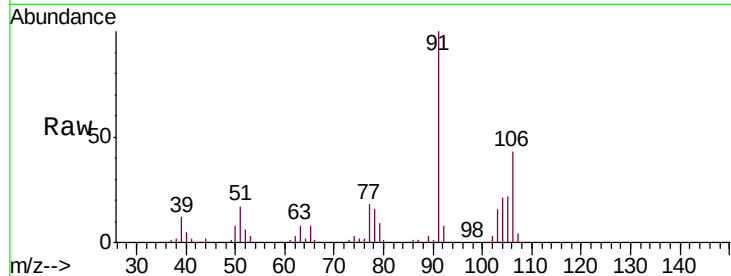




#65
o-Xylene
Concen: 1.844 ug/l
RT: 9.77 min Scan# 2701
Delta R.T. 0.00 min
Lab File: VU031516.D
Acq: 26 Apr 2019 01:11

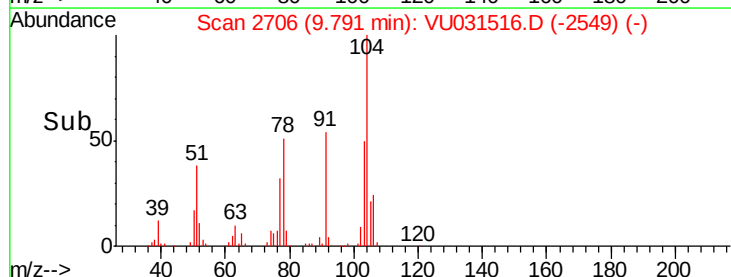
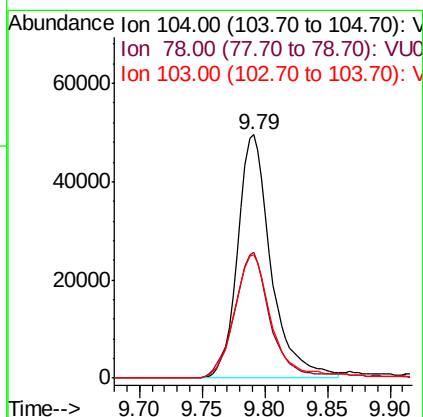
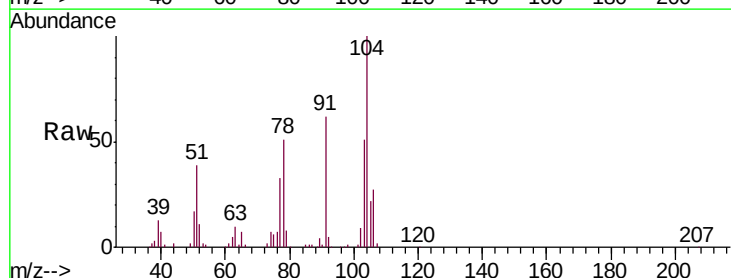
Instrument :
MSVOA_U
ClientSampleId :
VU0426WBS01

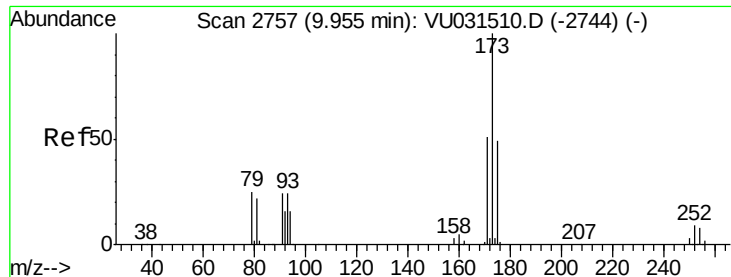
Tgt Ion:106 Resp: 54504
Ion Ratio Lower Upper
106 100
91 240.9 113.8 341.4



#66
Styrene
Concen: 1.834 ug/l
RT: 9.79 min Scan# 2706
Delta R.T. 0.00 min
Lab File: VU031516.D
Acq: 26 Apr 2019 01:11

Tgt Ion:104 Resp: 91713
Ion Ratio Lower Upper
104 100
78 54.8 42.5 63.7
103 54.2 44.5 66.7

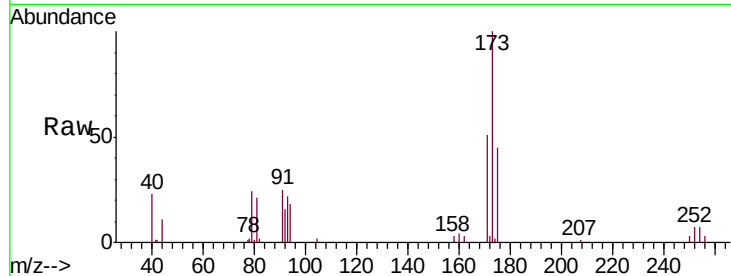




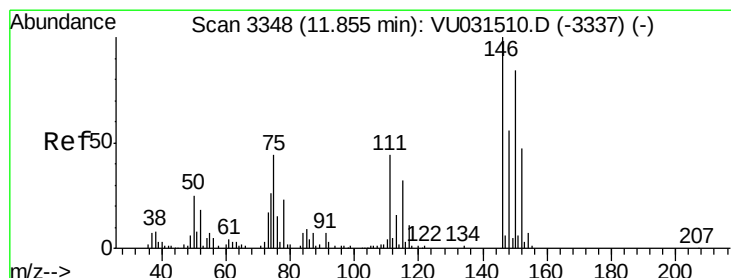
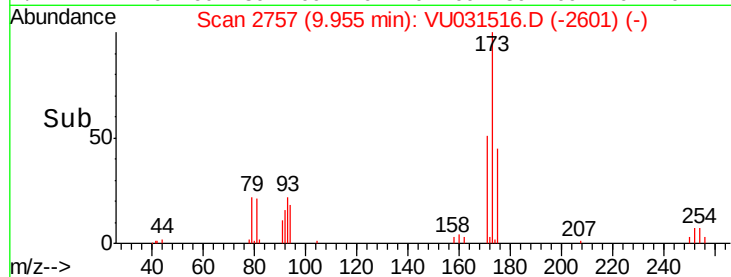
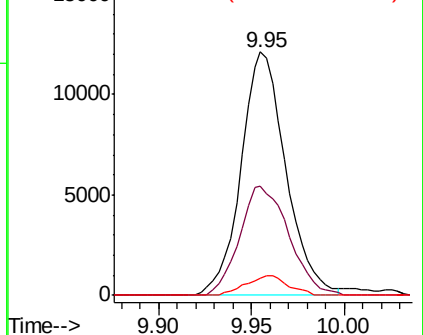
#67
Bromoform
Concen: 1.957 ug/l
RT: 9.95 min Scan# 2757
Delta R.T. 0.00 min
Lab File: VU031516.D
Acq: 26 Apr 2019 01:11

Instrument :
MSVOA_U
ClientSampleId :
VU0426WBS01

Tgt Ion:173 Resp: 20366
Ion Ratio Lower Upper
173 100
175 49.2 38.7 58.1
254 7.5 6.0 9.0

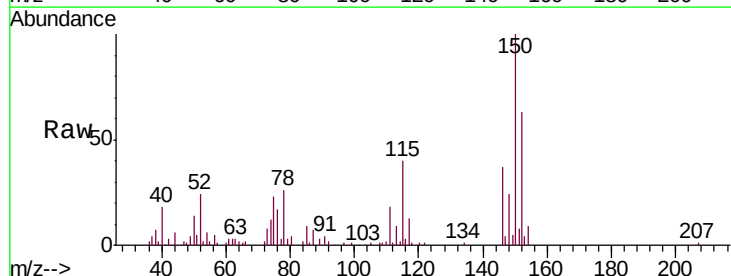


Abundance Ion 172.90 (172.60 to 173.60): V
Ion 174.90 (174.60 to 175.60): V
Ion 253.75 (253.45 to 254.45): V

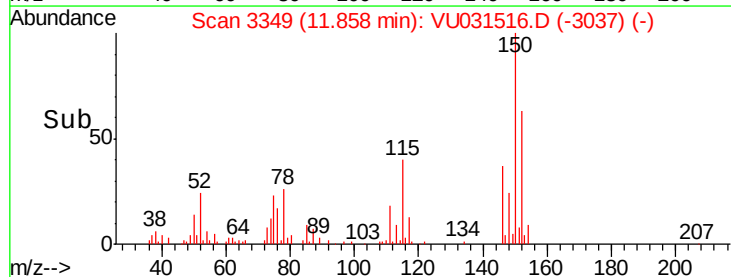
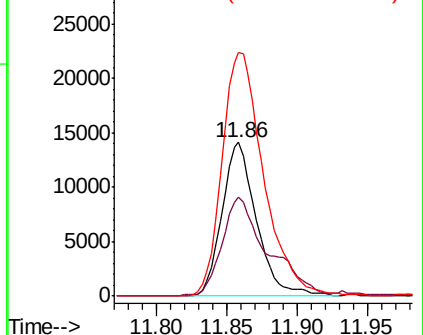


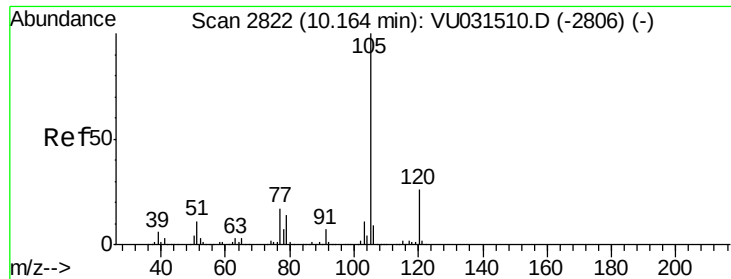
#68
1,2-Dichlorobenzene-d4
Concen: 1.957 ug/l
RT: 11.86 min Scan# 3349
Delta R.T. 0.00 min
Lab File: VU031516.D
Acq: 26 Apr 2019 01:11

Tgt Ion:152 Resp: 23988
Ion Ratio Lower Upper
152 100
115 85.1 0.0 123.2
150 191.1 0.0 658.2



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





#69

Isopropylbenzene

Concen: 1.942 ug/l

RT: 10.16 min Scan# 2822

Delta R.T. 0.00 min

Lab File: VU031516.D

Acq: 26 Apr 2019 01:11

Instrument :

MSVOA_U

ClientSampleId :

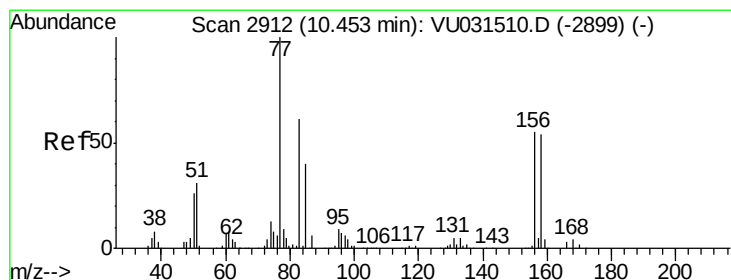
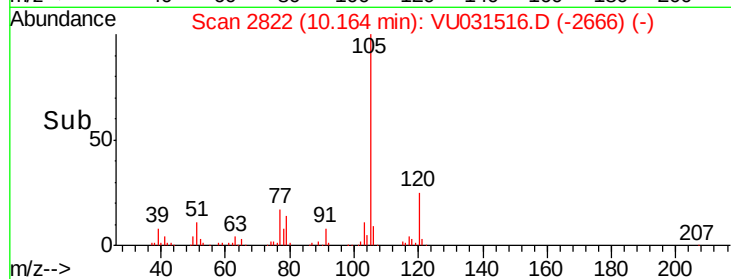
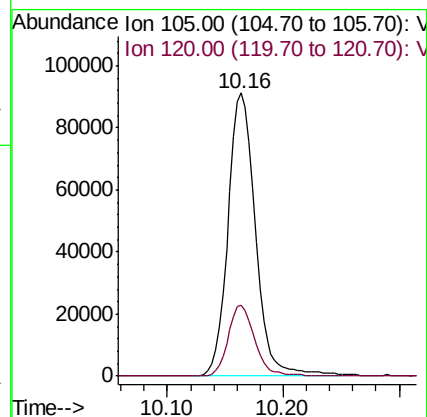
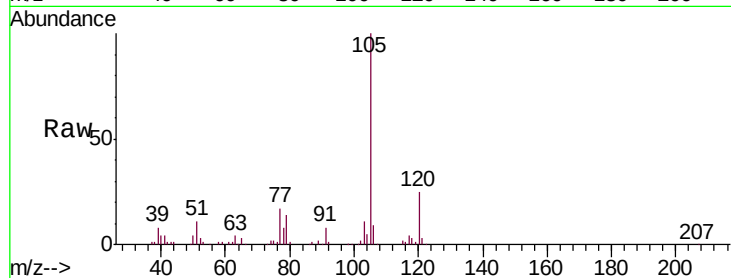
VU0426WBS01

Tgt Ion:105 Resp: 150305

Ion Ratio Lower Upper

105 100

120 24.4 12.4 37.4



#70

1,1,2,2-Tetrachloroethane

Concen: 2.029 ug/l

RT: 10.45 min Scan# 2912

Delta R.T. 0.00 min

Lab File: VU031516.D

Acq: 26 Apr 2019 01:11

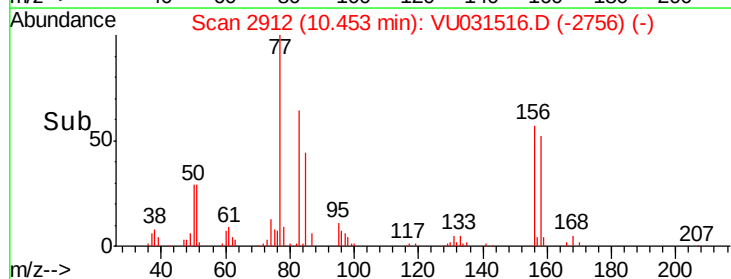
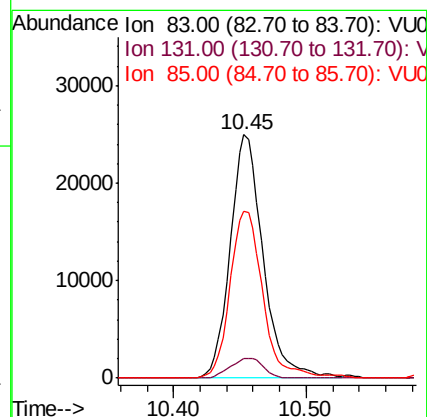
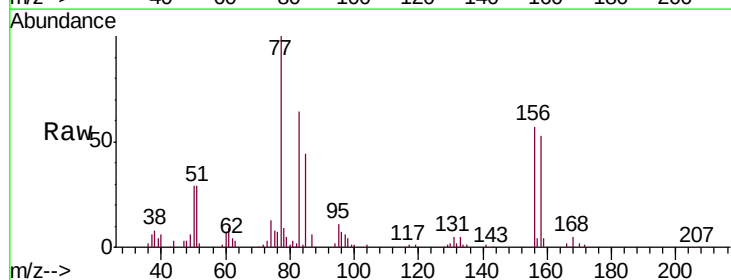
Tgt Ion: 83 Resp: 43078

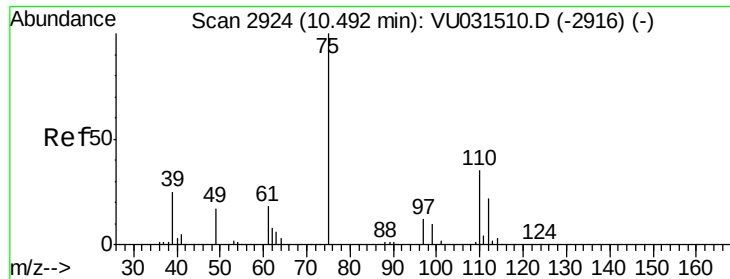
Ion Ratio Lower Upper

83 100

131 8.0 7.2 10.8

85 67.9 52.8 79.2

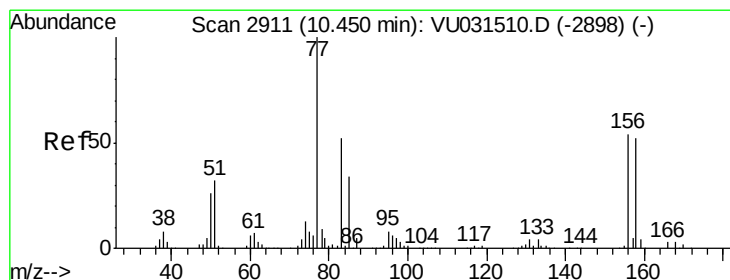
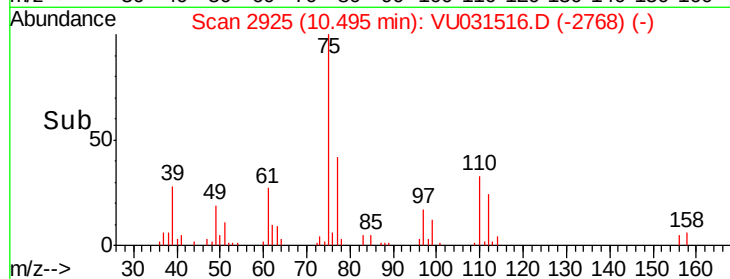
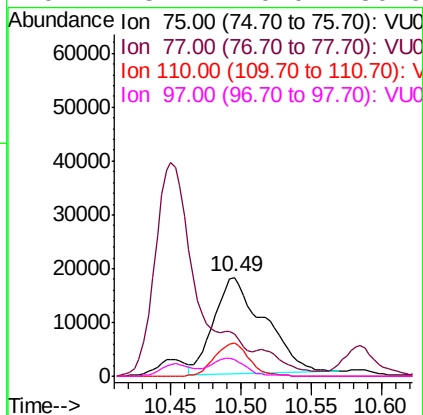
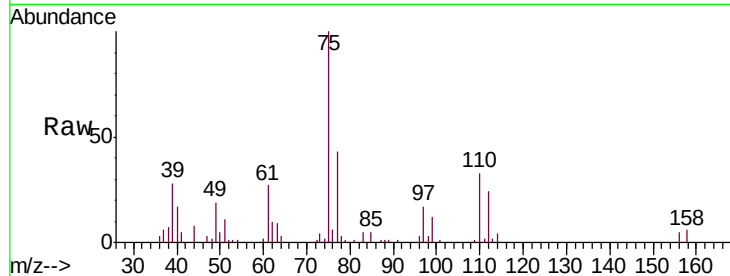




#71
 1,2,3-Trichloropropane
 Concen: 2.865 ug/l
 RT: 10.49 min Scan# 2925
 Delta R.T. 0.00 min
 Lab File: VU031516.D
 Acq: 26 Apr 2019 01:11

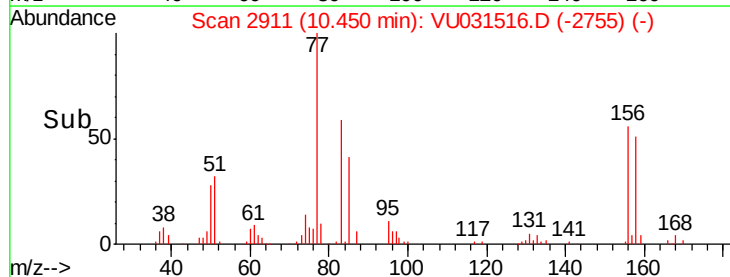
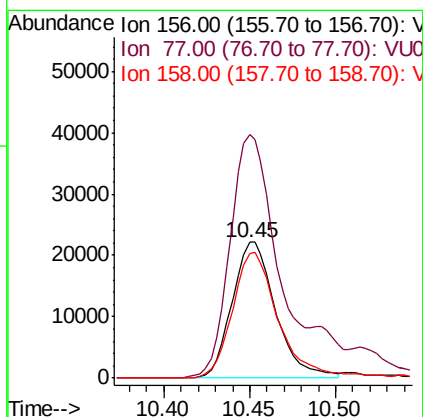
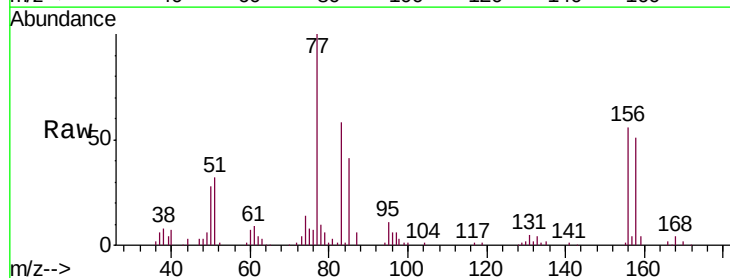
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0426WBS01

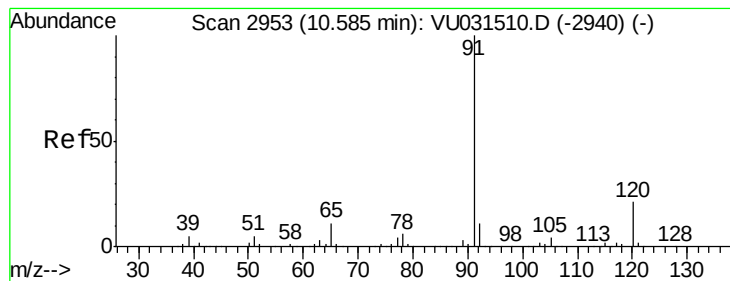
Tgt Ion:	75	Resp:	44323
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0
110	23.9	0.0	68.2
97	13.1	0.0	36.6



#72
 Bromobenzene
 Concen: 1.986 ug/l
 RT: 10.45 min Scan# 2911
 Delta R.T. 0.00 min
 Lab File: VU031516.D
 Acq: 26 Apr 2019 01:11

Tgt Ion:	156	Resp:	38993
Ion	Ratio	Lower	Upper
156	100		
77	214.2	0.0	353.4
158	98.0	0.0	190.6





#73

n-propylbenzene

Concen: 1.968 ug/l

RT: 10.58 min Scan# 2953

Delta R.T. 0.00 min

Lab File: VU031516.D

Acq: 26 Apr 2019 01:11

Instrument :

MSVOA_U

ClientSampleId :

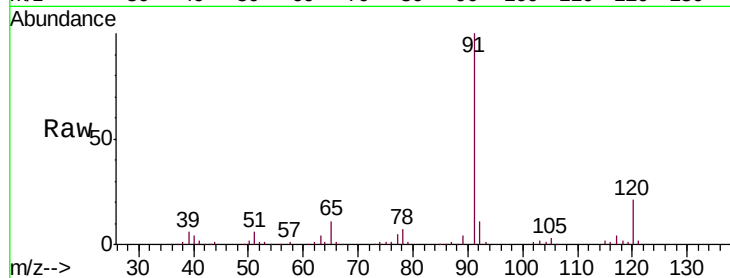
VU0426WBS01

Tgt Ion:120 Resp: 39420

Ion Ratio Lower Upper

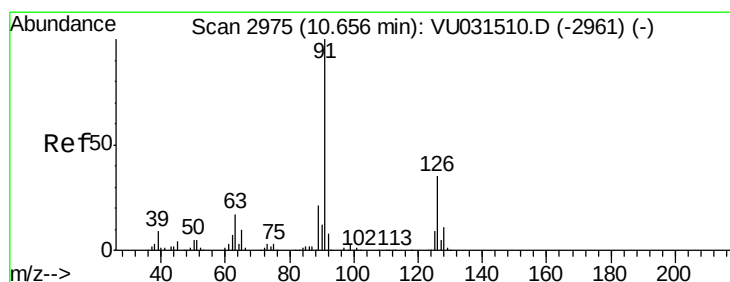
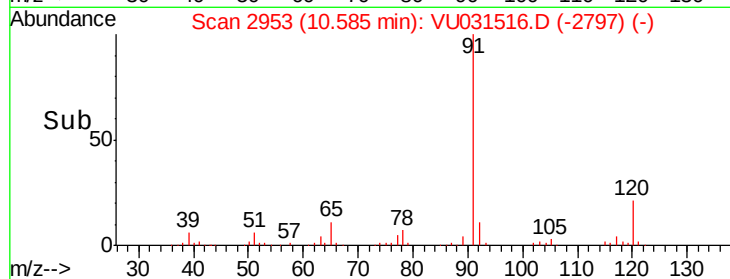
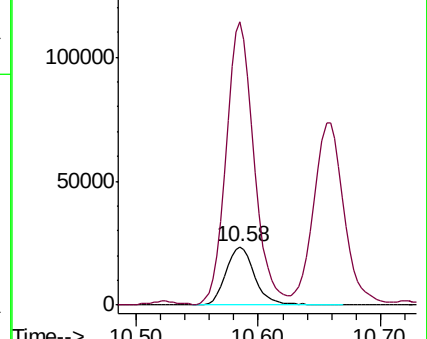
120 100

91 461.2 373.9 560.9



Abundance Ion 120.00 (119.70 to 120.70): V

Ion 91.00 (90.70 to 91.70): VU0



#74

2-Chlorotoluene

Concen: 1.912 ug/l

RT: 10.66 min Scan# 2976

Delta R.T. 0.00 min

Lab File: VU031516.D

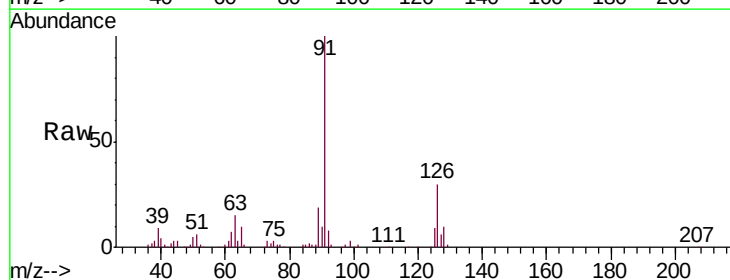
Acq: 26 Apr 2019 01:11

Tgt Ion:126 Resp: 36504

Ion Ratio Lower Upper

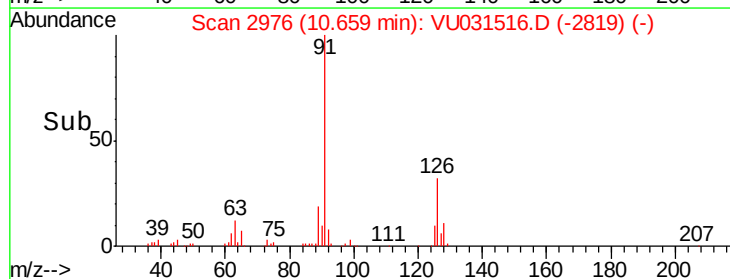
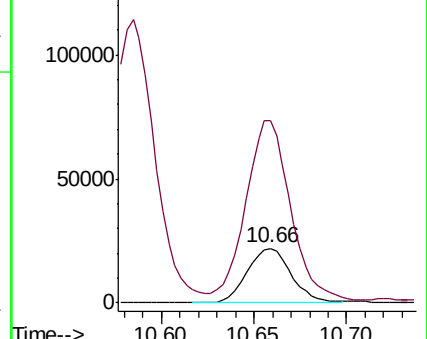
126 100

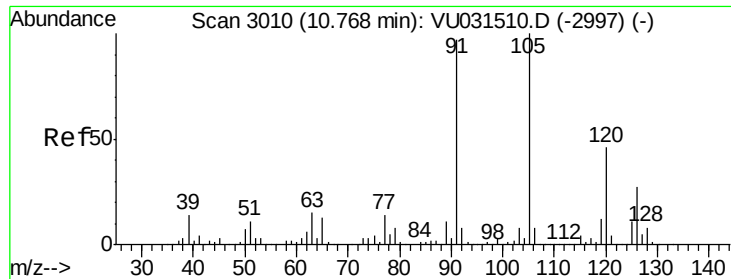
91 332.5 0.0 659.6



Abundance Ion 126.00 (125.70 to 126.70): V

Ion 91.00 (90.70 to 91.70): VU0

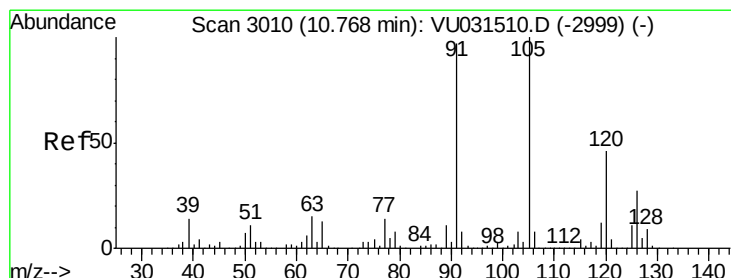
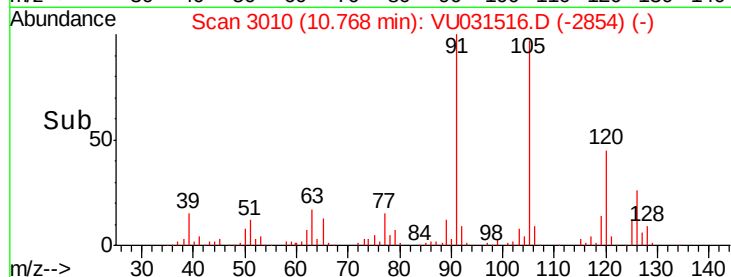
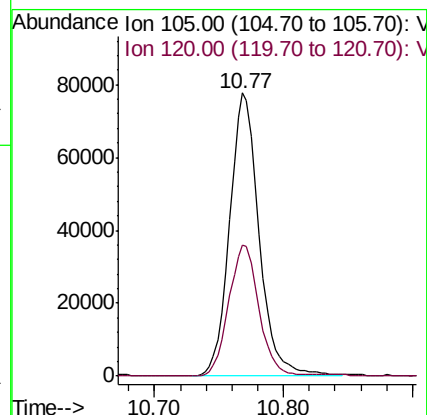
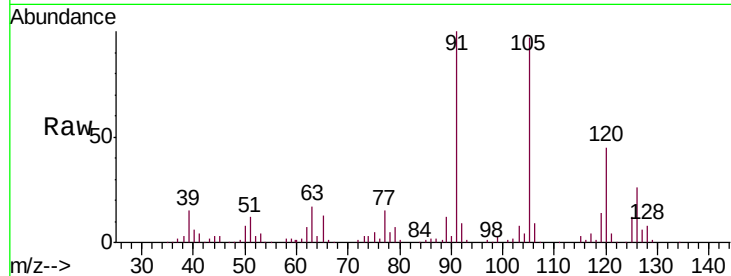




#75
 1,3,5-Trimethylbenzene
 Concen: 1.802 ug/l
 RT: 10.77 min Scan# 3010
 Delta R.T. 0.00 min
 Lab File: VU031516.D
 Acq: 26 Apr 2019 01:11

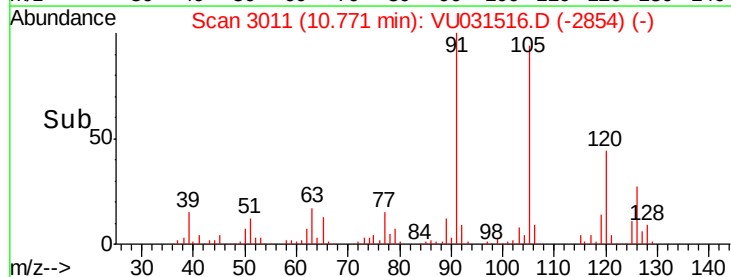
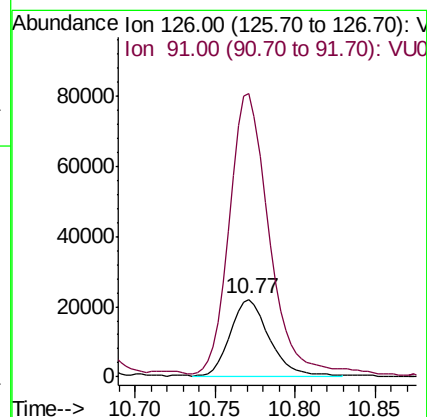
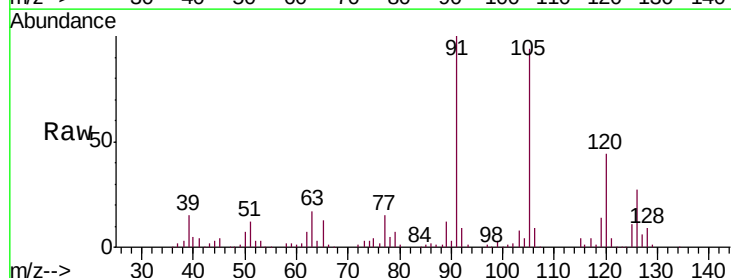
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0426WBS01

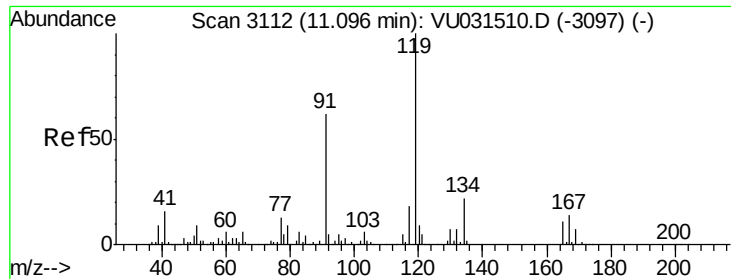
Tgt Ion:105 Resp: 123242
 Ion Ratio Lower Upper
 105 100
 120 47.5 36.8 55.2



#76
 4-Chlorotoluene
 Concen: 1.809 ug/l
 RT: 10.77 min Scan# 3011
 Delta R.T. 0.00 min
 Lab File: VU031516.D
 Acq: 26 Apr 2019 01:11

Tgt Ion:126 Resp: 35729
 Ion Ratio Lower Upper
 126 100
 91 386.1 0.0 732.0

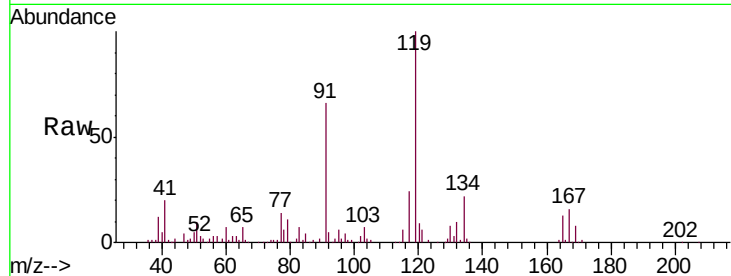




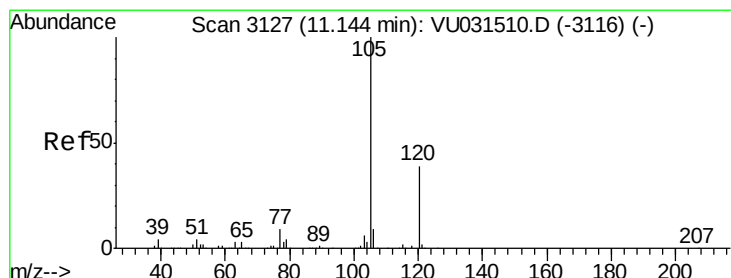
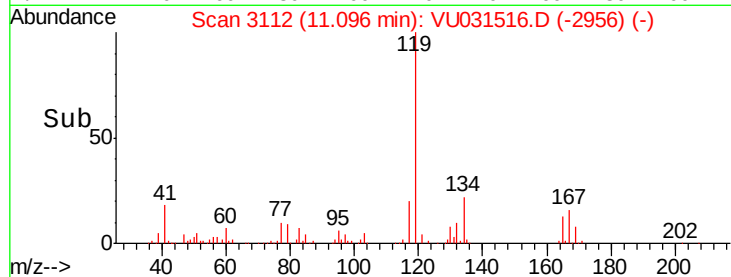
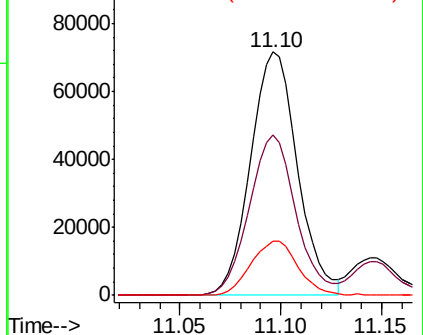
#77
 tert-Butylbenzene
 Concen: 1.883 ug/l
 RT: 11.10 min Scan# 3112
 Delta R.T. 0.00 min
 Lab File: VU031516.D
 Acq: 26 Apr 2019 01:11

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0426WBS01

Tgt Ion:119 Resp: 116501
 Ion Ratio Lower Upper
 119 100
 91 65.3 31.4 94.2
 134 22.5 17.4 26.2

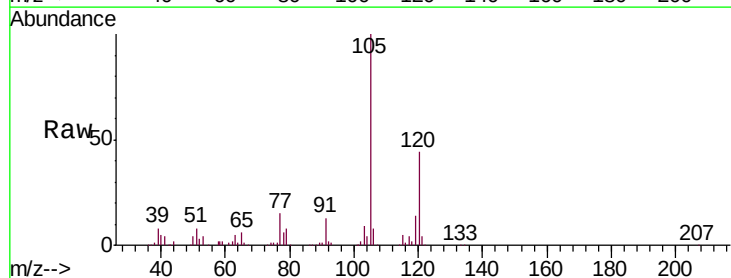


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): VU0
 Ion 134.00 (133.70 to 134.70): V

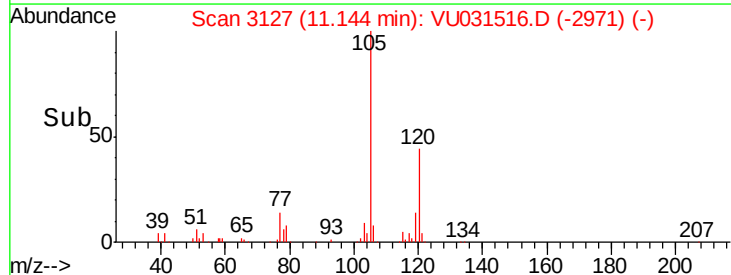
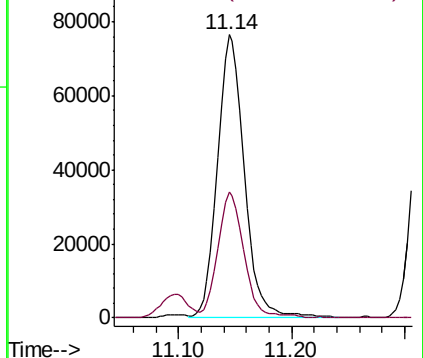


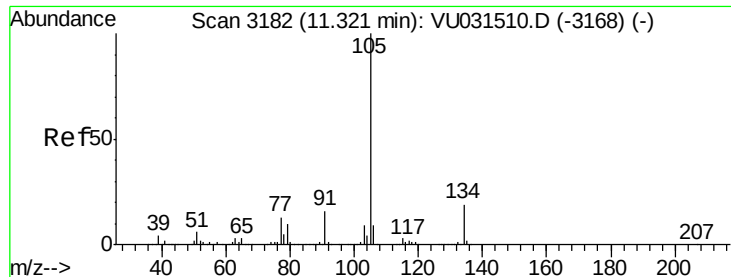
#78
 1,2,4-Trimethylbenzene
 Concen: 1.804 ug/l
 RT: 11.14 min Scan# 3127
 Delta R.T. 0.00 min
 Lab File: VU031516.D
 Acq: 26 Apr 2019 01:11

Tgt Ion:105 Resp: 125110
 Ion Ratio Lower Upper
 105 100
 120 42.9 21.6 65.0



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





#79

sec-Butylbenzene

Concen: 1.983 ug/l

RT: 11.32 min Scan# 3182

Delta R.T. 0.00 min

Lab File: VU031516.D

Acq: 26 Apr 2019 01:11

Instrument :

MSVOA_U

ClientSampleId :

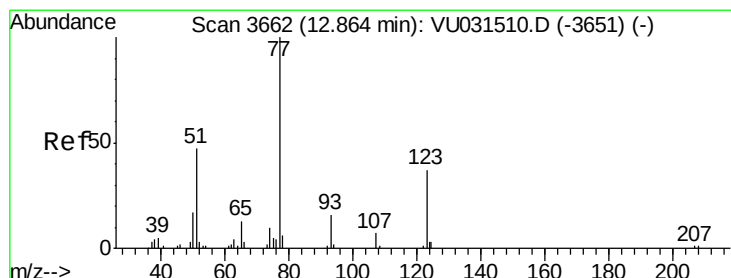
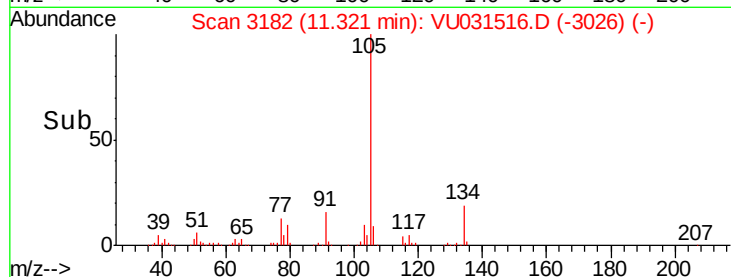
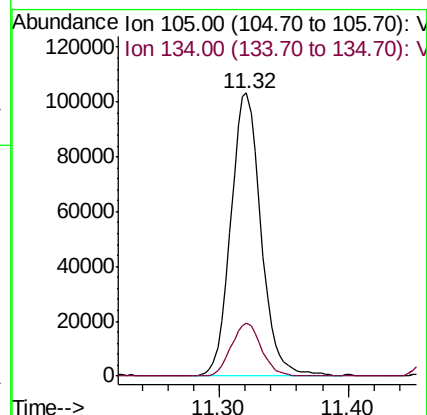
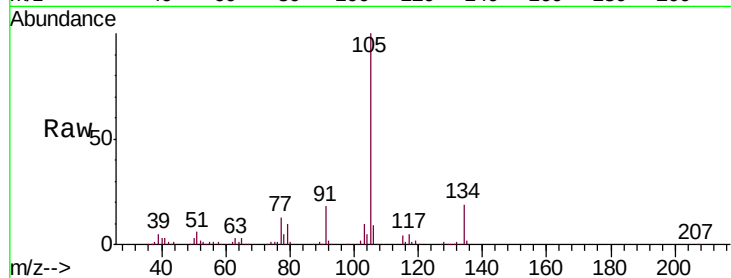
VU0426WBS01

Tgt Ion: 105 Resp: 167283

Ion Ratio Lower Upper

105 100

134 18.9 15.0 22.6



#80

Nitrobenzene

Concen: 3.677 ug/l

RT: 12.89 min Scan# 3671

Delta R.T. 0.03 min

Lab File: VU031516.D

Acq: 26 Apr 2019 01:11

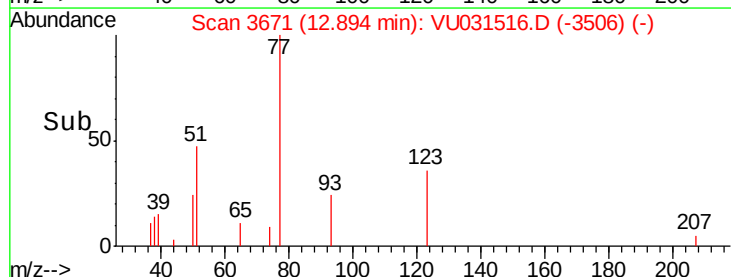
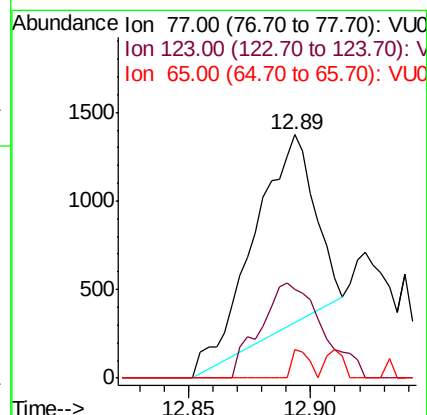
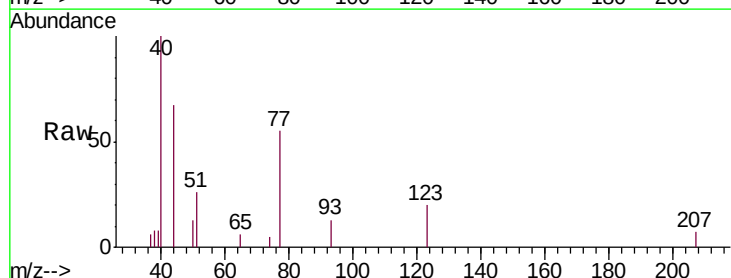
Tgt Ion: 77 Resp: 1879

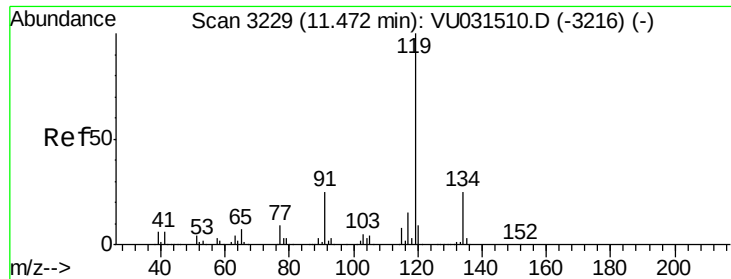
Ion Ratio Lower Upper

77 100

123 50.4 17.2 61.0

65 4.2 9.7 12.3#

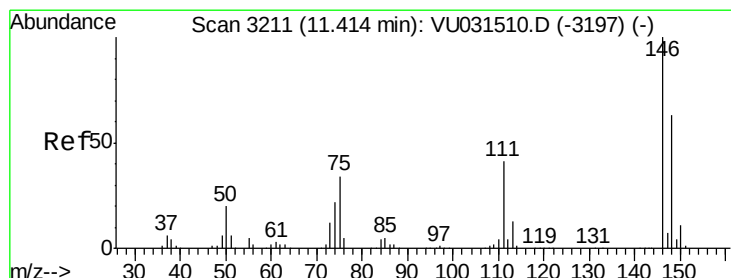
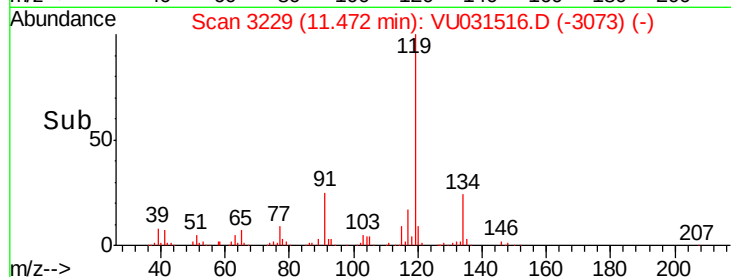
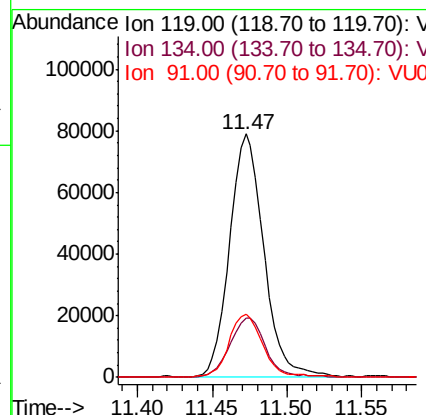
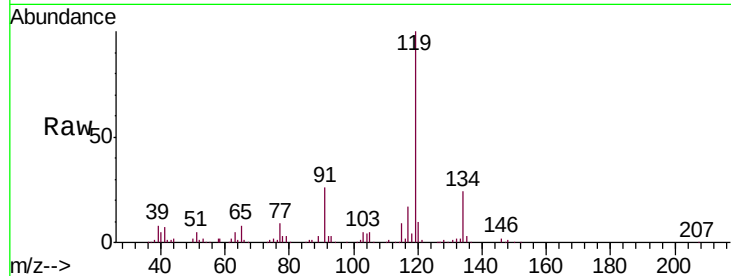




#81
 p-Isopropyltoluene
 Concen: 1.837 ug/l
 RT: 11.47 min Scan# 3229
 Delta R.T. 0.00 min
 Lab File: VU031516.D
 Acq: 26 Apr 2019 01:11

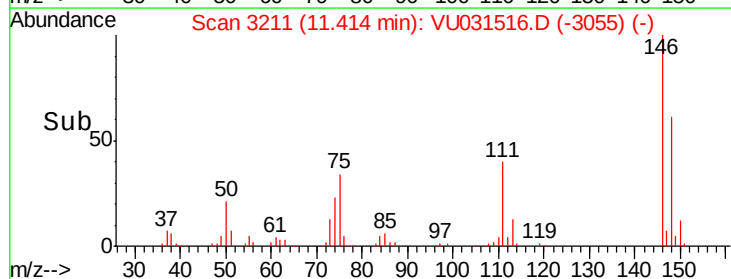
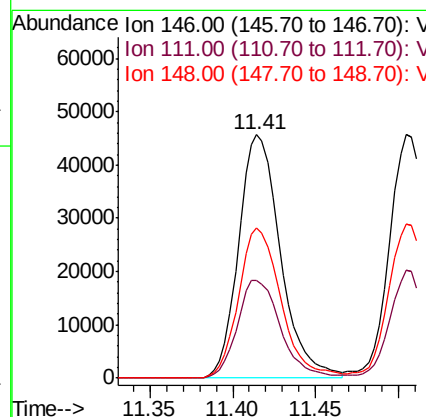
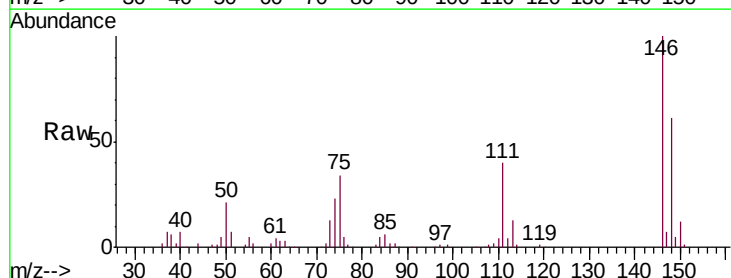
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0426WBS01

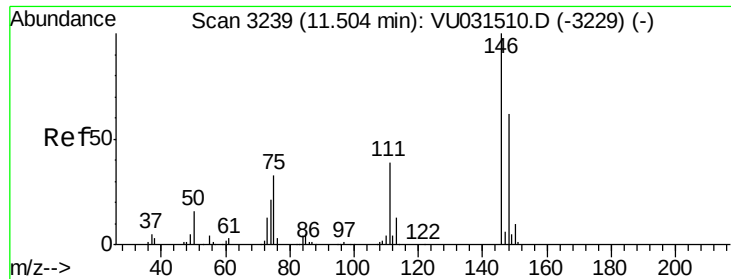
Tgt Ion:119 Resp: 124632
 Ion Ratio Lower Upper
 119 100
 134 25.7 20.3 30.5
 91 25.6 20.3 30.5



#82
 1,3-Dichlorobenzene
 Concen: 2.069 ug/l
 RT: 11.41 min Scan# 3211
 Delta R.T. 0.00 min
 Lab File: VU031516.D
 Acq: 26 Apr 2019 01:11

Tgt Ion:146 Resp: 80313
 Ion Ratio Lower Upper
 146 100
 111 41.8 33.4 50.0
 148 62.7 50.2 75.4

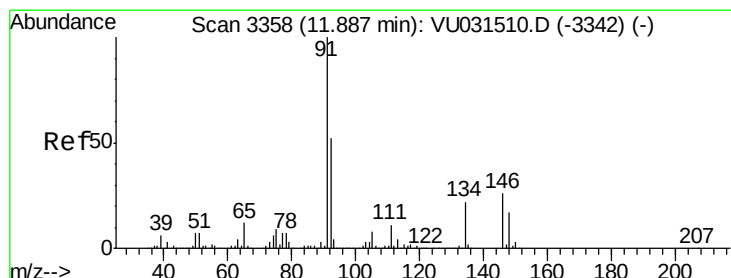
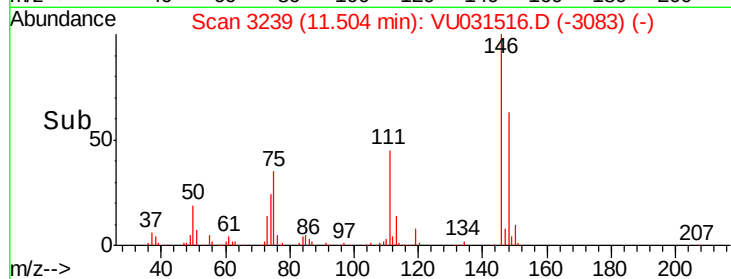
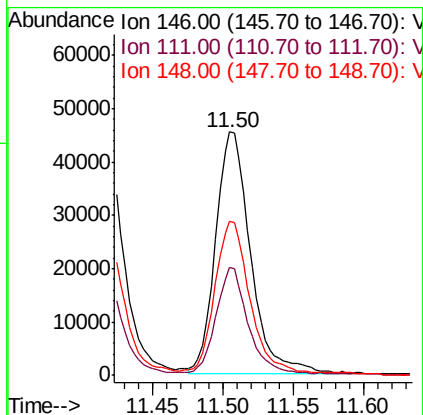
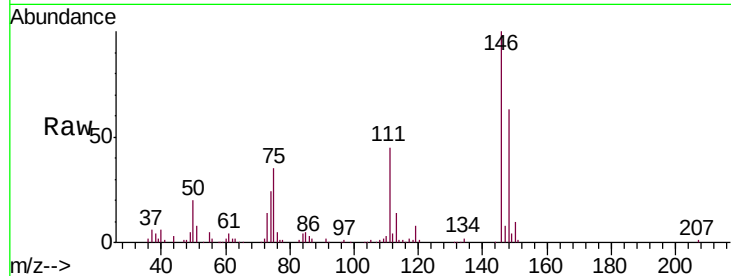




#83
 1,4-Dichlorobenzene
 Concen: 2.102 ug/l
 RT: 11.50 min Scan# 3239
 Delta R.T. 0.00 min
 Lab File: VU031516.D
 Acq: 26 Apr 2019 01:11

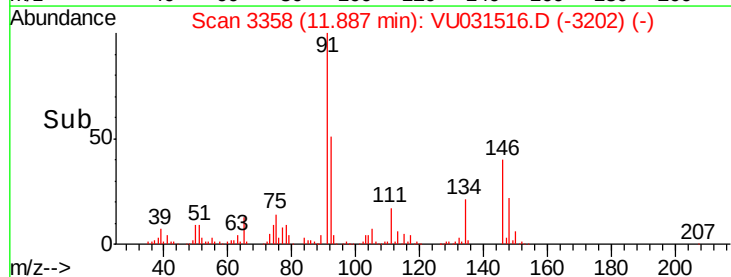
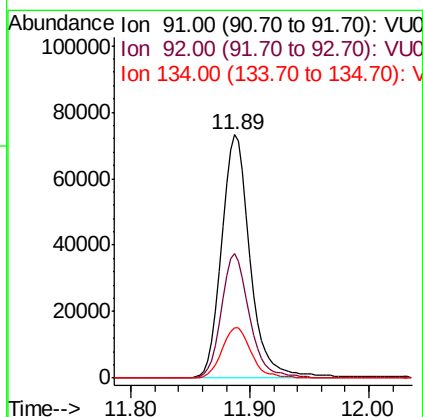
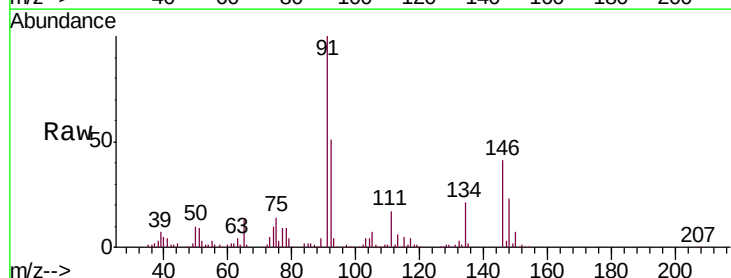
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0426WBS01

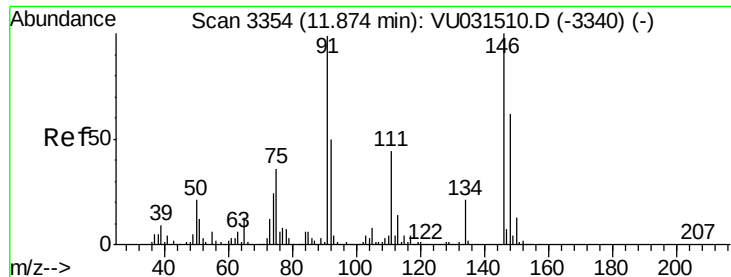
Tgt Ion: 146 Resp: 78355
 Ion Ratio Lower Upper
 146 100
 111 41.0 32.2 48.4
 148 62.3 51.2 76.8



#84
 n-Butylbenzene
 Concen: 1.891 ug/l
 RT: 11.89 min Scan# 3358
 Delta R.T. 0.00 min
 Lab File: VU031516.D
 Acq: 26 Apr 2019 01:11

Tgt Ion: 91 Resp: 122166
 Ion Ratio Lower Upper
 91 100
 92 50.3 41.2 61.8
 134 21.3 18.1 27.1

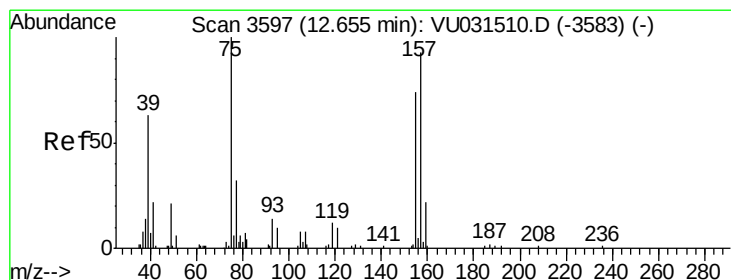
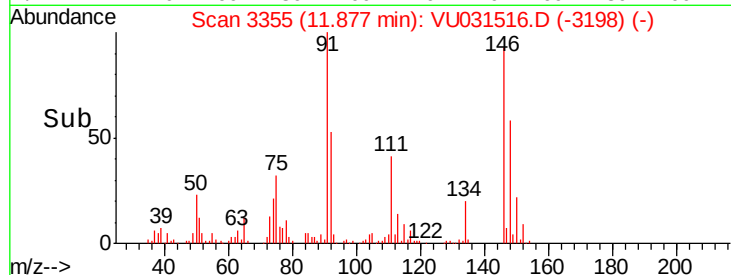
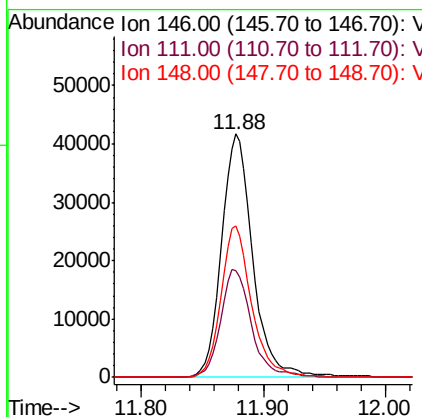
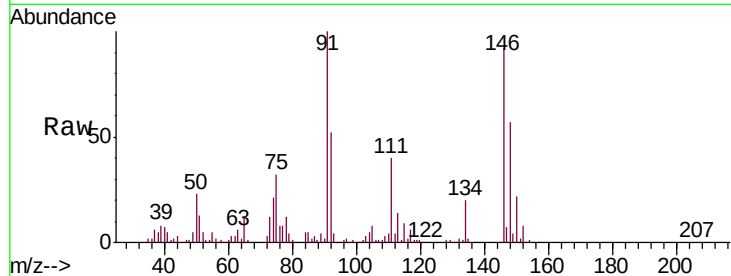




#85
 1,2-Dichlorobenzene
 Concen: 2.032 ug/l
 RT: 11.88 min Scan# 3355
 Delta R.T. 0.00 min
 Lab File: VU031516.D
 Acq: 26 Apr 2019 01:11

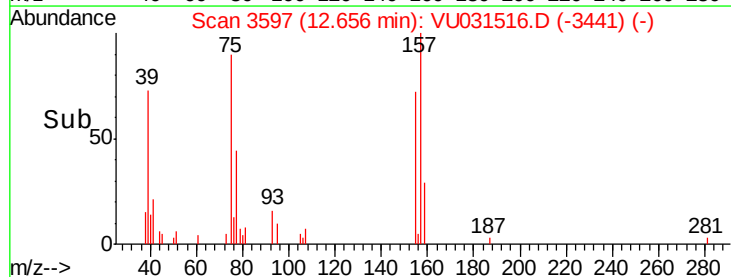
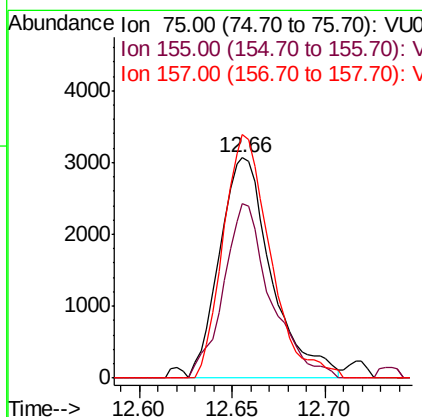
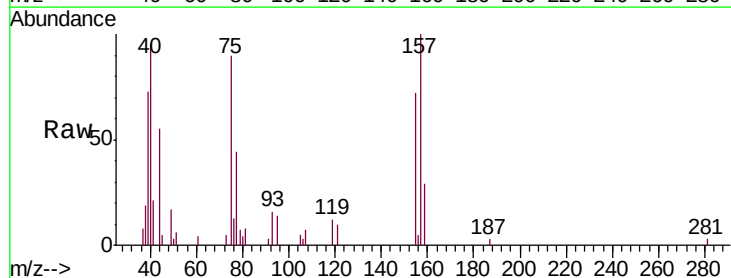
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0426WBS01

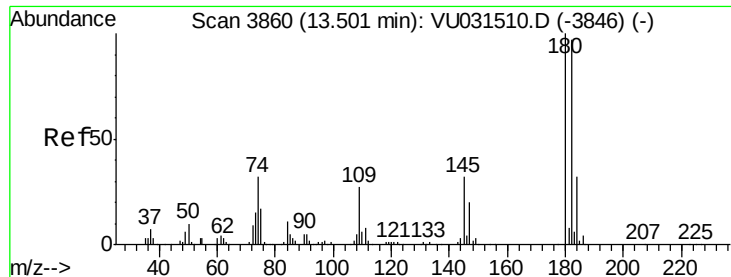
Tgt Ion:146 Resp: 74977
 Ion Ratio Lower Upper
 146 100
 111 43.8 21.7 65.1
 148 61.0 31.6 94.7



#86
 1,2-Dibromo-3-Chloropropane
 Concen: 1.949 ug/l
 RT: 12.66 min Scan# 3597
 Delta R.T. 0.00 min
 Lab File: VU031516.D
 Acq: 26 Apr 2019 01:11

Tgt Ion: 75 Resp: 5956
 Ion Ratio Lower Upper
 75 100
 155 72.1 58.5 87.7
 157 100.3 75.0 112.4

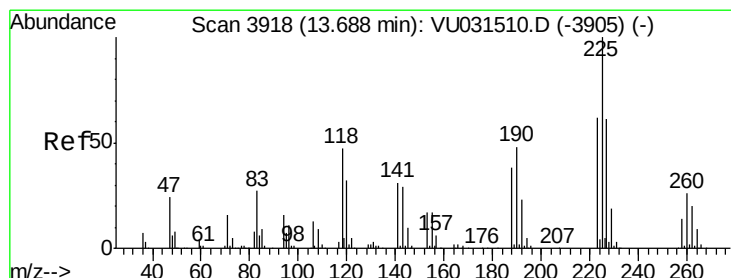
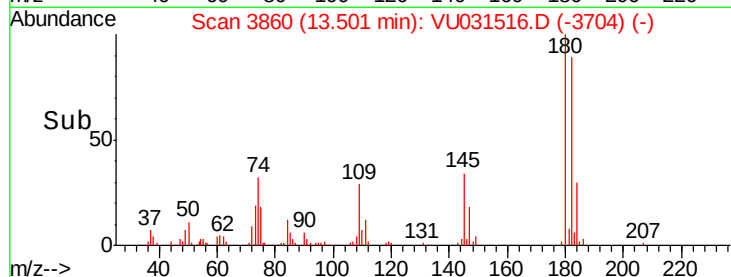
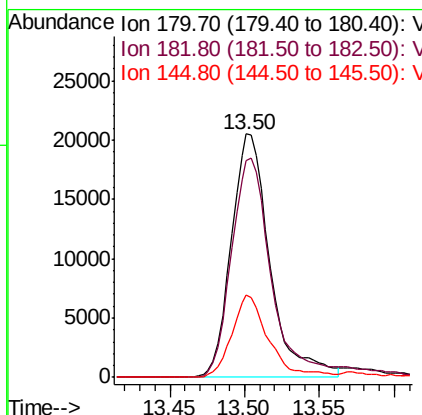
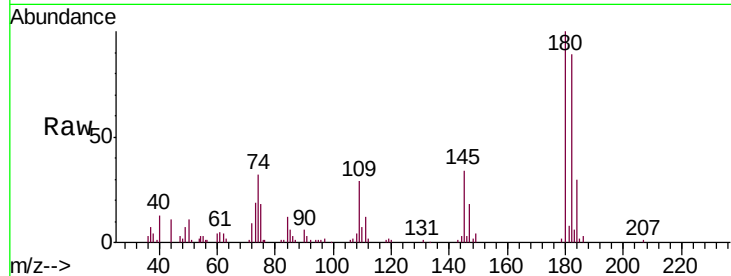




#87
 1,2,4-Trichlorobenzene
 Concen: 1.960 ug/l
 RT: 13.50 min Scan# 3860
 Delta R.T. 0.00 min
 Lab File: VU031516.D
 Acq: 26 Apr 2019 01:11

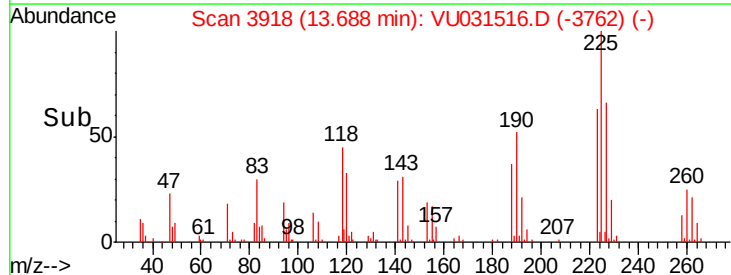
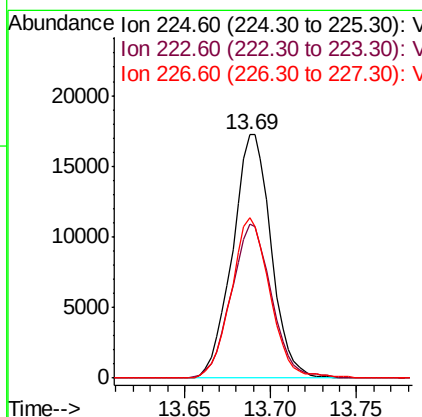
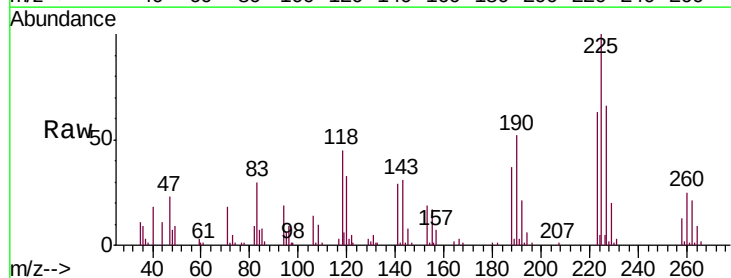
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0426WBS01

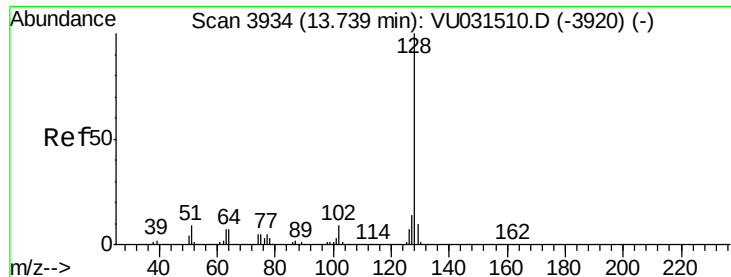
Tgt Ion:180 Resp: 36928
 Ion Ratio Lower Upper
 180 100
 182 96.8 75.5 113.3
 145 32.0 23.9 35.9



#88
 Hexachlorobutadiene
 Concen: 1.982 ug/l
 RT: 13.69 min Scan# 3918
 Delta R.T. 0.00 min
 Lab File: VU031516.D
 Acq: 26 Apr 2019 01:11

Tgt Ion:225 Resp: 26863
 Ion Ratio Lower Upper
 225 100
 223 66.0 50.2 75.4
 227 66.2 50.4 75.6





#89

Naphthalene

Concen: 1.856 ug/l

RT: 13.74 min Scan# 3935

Delta R.T. 0.00 min

Lab File: VU031516.D

Acq: 26 Apr 2019 01:11

Instrument :

MSVOA_U

ClientSampleId :

VU0426WBS01

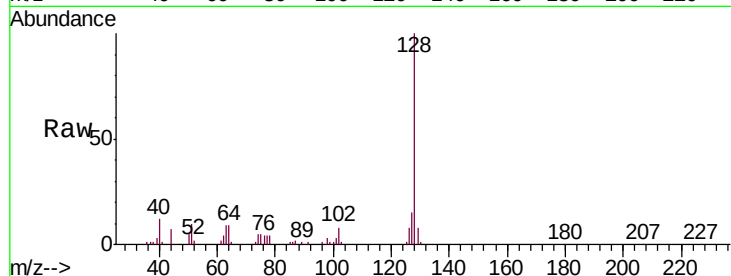
Tgt Ion:128 Resp: 55143

Ion Ratio Lower Upper

128 100

127 13.3 10.8 16.2

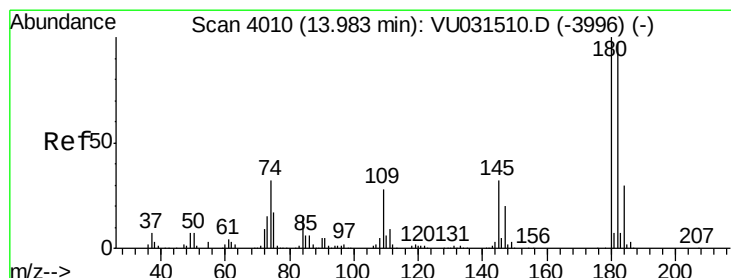
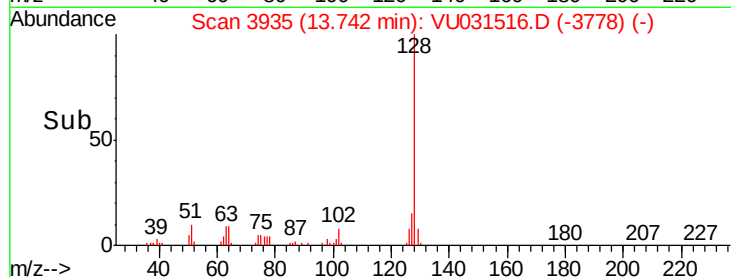
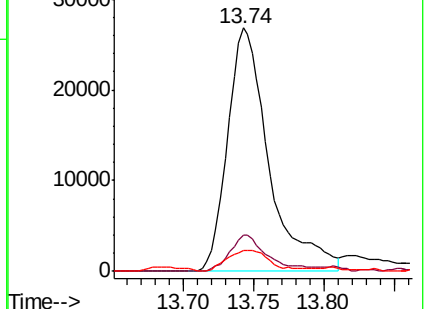
129 9.1 8.2 12.2



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: 1.874 ug/l

RT: 13.98 min Scan# 4010

Delta R.T. 0.00 min

Lab File: VU031516.D

Acq: 26 Apr 2019 01:11

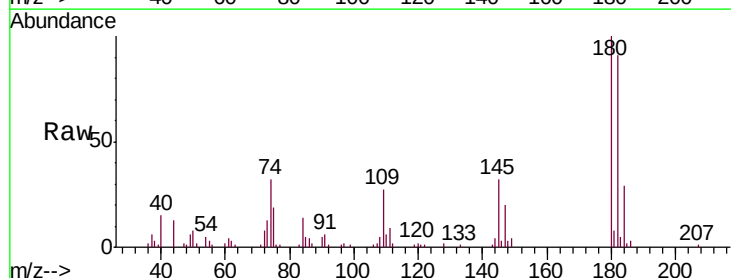
Tgt Ion:180 Resp: 35864

Ion Ratio Lower Upper

180 100

182 93.9 77.1 115.7

145 33.5 25.9 38.9



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

