

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU041619\
 Data File : VU031208.D
 Acq On : 16 Apr 2019 12:12
 Operator : JC/SP
 Sample : VU0416WBS01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0416WBS01

Quant Time: Apr 17 03:01:54 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U041519DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Tue Apr 16 04:55:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	5.74	96	34811	1.00	ug/l	0.00

System Monitoring Compounds

57) 4-Bromofluorobenzene	10.31	95	12506	0.98	ug/l	0.00
Spiked Amount 1.000			Recovery	=	98.00%	
68) 1,2-Dichlorobenzene-d4	11.86	152	12463	0.98	ug/l	0.00
Spiked Amount 1.000			Recovery	=	98.00%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.20	85	29941	1.989 ug/l	98
3) Chloromethane	1.32	50	31915	2.009 ug/l	95
4) Vinyl Chloride	1.40	62	31193	2.010 ug/l	100
5) Bromomethane	1.63	94	26198	2.881 ug/l	100
6) Chloroethane	1.70	64	21267	1.985 ug/l	95
7) Trichlorofluoromethane	1.89	101	46182	2.041 ug/l	99
8) 1,1,2-Trichloro-1,2,2-trif	2.29	101	23502	2.086 ug/l	99
9) 1,1-Dichloroethene	2.29	96	23718	2.107 ug/l	98
10) Iodomethane	2.41	142	19947	1.312 ug/l	94
11) Allyl Chloride	2.59	41	45610	2.065 ug/l	99
12) Acrylonitrile	2.94	53	14609	4.437 ug/l	96
13) Acetone	2.32	43	28971	10.720 ug/l	96
14) Carbon Disulfide	2.48	76	87330	2.101 ug/l	97
15) Methylene Chloride	2.70	84	28092	1.936 ug/l	96
16) trans-1,2-Dichloroethene	2.98	96	26064	2.098 ug/l	95
17) 1,1-Dichloroethane	3.44	63	42833	2.177 ug/l	98
18) 2-Butanone	4.28	43	31625	10.335 ug/l	100
19) Cyclohexane	4.99	56	27965	2.020 ug/l	96
20) Methylcyclohexane	6.41	83	29726	2.118 ug/l	99
21) 2,2-Dichloropropane	4.22	77	31609	2.073 ug/l	98
22) cis-1,2-Dichloroethene	4.22	96	21959	2.028 ug/l	97
23) Diethyl Ether	2.10	59	21919	2.088 ug/l	97
24) tert-Butyl Alcohol	2.84	59	22108	19.774 ug/l #	86
25) Methyl tert-Butyl Ether	3.00	73	69031	2.104 ug/l	99
26) Bromochloromethane	4.54	128	9826	1.990 ug/l	96
27) Chloroform	4.67	83	39116	2.010 ug/l	96
28) 1,1,1-Trichloroethane	4.91	97	32828	1.984 ug/l	99
29) 1,1-Dichloropropene	5.13	75	28310	2.040 ug/l	98
30) Carbon Tetrachloride	5.13	117	29820	2.040 ug/l	98
31) Isopropyl Ether	3.57	45	57360	1.988 ug/l	98
32) Ethyl-t-butyl ether	4.07	59	46732	1.910 ug/l	98
33) Tert-Amyl methyl ether	5.58	73	42139	1.968 ug/l	96
34) Propionitrile	4.34	54	8986	10.628 ug/l #	95
35) Benzene	5.39	78	83318	2.018 ug/l	98
36) 1,2-Dichloroethane	5.41	62	26714	2.033 ug/l	98
37) Trichloroethene	6.18	130	22995	1.986 ug/l	94
38) 1,2-Dichloropropane	6.43	63	22271	2.025 ug/l	100
39) Methacrylonitrile	4.55	41	8064	2.118 ug/l #	91
40) Methyl acrylate	4.43	55	10317	2.151 ug/l #	75
41) Tetrahydrofuran	4.65	42	7666	3.942 ug/l	93
42) 1-Chlorobutane	5.06	56	38468	1.947 ug/l	95

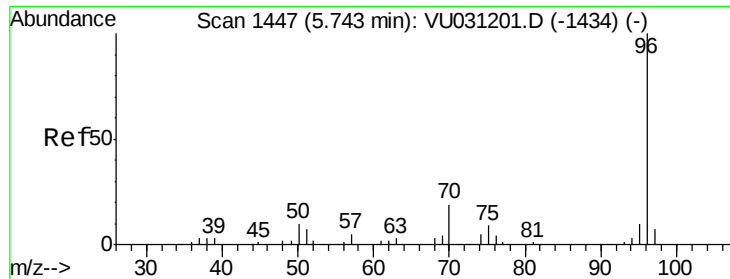
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU041619\
 Data File : VU031208.D
 Acq On : 16 Apr 2019 12:12
 Operator : JC/SP
 Sample : VU0416WBS01
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Quant Time: Apr 17 03:01:54 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U041519DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Tue Apr 16 04:55:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Dibromomethane	6.56	93	11974	2.024	ug/l	99
44) Bromodichloromethane	6.76	83	29684	2.082	ug/l	95
45) 4-Methyl-2-Pentanone	7.46	43	72672	10.413	ug/l	97
46) t-1,4-Dichloro-2-butene	10.49	75	13686	5.145	ug/l #	80
47) Methyl methacrylate	6.62	69	20432	4.092	ug/l	95
48) Ethyl methacrylate	8.02	69	18550	2.095	ug/l	97
49) Toluene	7.63	92	47529	2.097	ug/l	98
50) t-1,3-Dichloropropene	7.88	75	25268	2.078	ug/l	94
51) cis-1,3-Dichloropropene	7.27	75	30260	2.105	ug/l	96
52) 1,1,2-Trichloroethane	8.06	97	16434	2.059	ug/l	94
53) 1,3-Dichloropropane	8.24	76	28087	2.072	ug/l	100
54) 2-Hexanone	8.36	43	47248	10.031	ug/l	96
55) Dibromochloromethane	8.47	129	18928	2.000	ug/l	99
56) 1,2-Dibromoethane	8.59	107	15981	2.154	ug/l	95
58) Tetrachloroethene	8.23	164	20002	2.032	ug/l	95
59) Chlorobenzene	9.12	112	52247	2.076	ug/l	99
60) 1,1,1,2-Tetrachloroethane	9.20	131	19746	2.093	ug/l	100
61) Pentachloroethane	11.10	117	15306	2.085	ug/l	94
62) Hexachloroethane	12.14	117	14438	2.035	ug/l	93
63) Ethyl Benzene	9.25	91	85873	2.138	ug/l	97
64) m/p-Xylenes	9.37	106	63885	4.178	ug/l	98
65) o-Xylene	9.77	106	29460	2.013	ug/l	98
66) Styrene	9.79	104	52065	2.064	ug/l	99
67) Bromoform	9.96	173	11658	2.135	ug/l	94
69) Isopropylbenzene	10.16	105	83981	2.141	ug/l	98
70) 1,1,2,2-Tetrachloroethane	10.45	83	21333	2.060	ug/l	98
71) 1,2,3-Trichloropropane	10.49	75	13686	1.828	ug/l #	92
72) Bromobenzene	10.45	156	22181	2.137	ug/l	80
73) n-propylbenzene	10.59	120	23091	2.204	ug/l	92
74) 2-Chlorotoluene	10.66	126	21498	2.225	ug/l	93
75) 1,3,5-Trimethylbenzene	10.77	105	69840	2.103	ug/l	99
76) 4-Chlorotoluene	10.77	126	20864	2.143	ug/l	93
77) tert-Butylbenzene	11.10	119	69188	2.130	ug/l	99
78) 1,2,4-Trimethylbenzene	11.14	105	71321	2.131	ug/l	100
79) sec-Butylbenzene	11.32	105	94780	2.168	ug/l	99
80) Nitrobenzene	12.87	77	1607	8.325	ug/l #	90
81) p-Isopropyltoluene	11.47	119	76562	2.181	ug/l	98
82) 1,3-Dichlorobenzene	11.41	146	47015	2.293	ug/l	99
83) 1,4-Dichlorobenzene	11.50	146	41680	2.099	ug/l	98
84) n-Butylbenzene	11.89	91	75022	2.211	ug/l	96
85) 1,2-Dichlorobenzene	11.88	146	41185	2.142	ug/l	98
86) 1,2-Dibromo-3-Chloropropan	12.66	75	3503	2.351	ug/l	91
87) 1,2,4-Trichlorobenzene	13.50	180	22963	1.954	ug/l	95
88) Hexachlorobutadiene	13.69	225	18674	2.379	ug/l	99
89) Naphthalene	13.74	128	37410	1.985	ug/l	98
90) 1,2,3-Trichlorobenzene	13.98	180	26580	2.259	ug/l	95

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



#1

Fluorobenzene

Concen: 1.000 ug/l

RT: 5.74 min Scan# 1446

Delta R.T. -0.00 min

Lab File: VU031208.D

Acq: 16 Apr 2019 12:12

Instrument :

MSVOA_U

ClientSampleId :

VU0416WBS01

Tgt Ion: 96 Resp: 34811

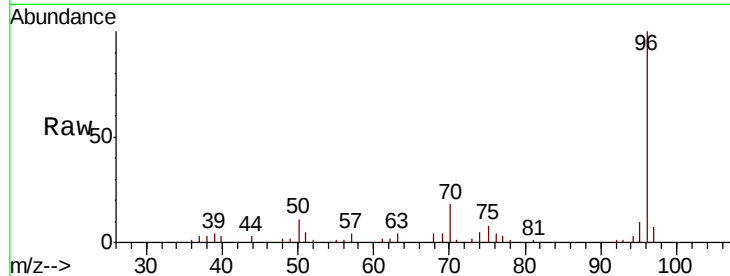
Ion Ratio Lower Upper

96 100

70 20.0 18.4 27.6

95 8.7 7.6 11.4

97 6.2 0.0 0.0#

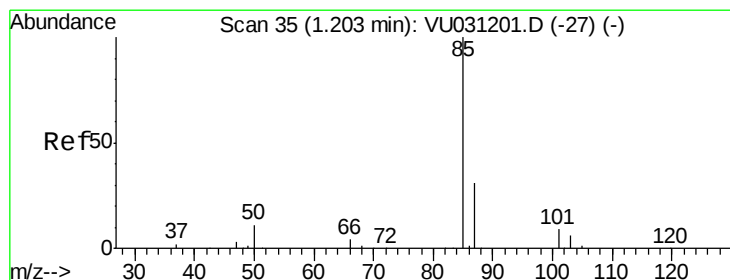
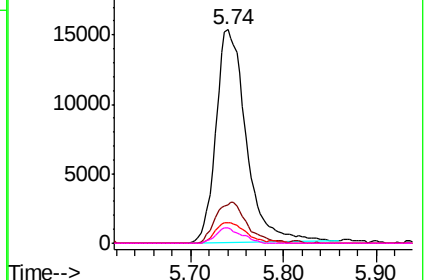
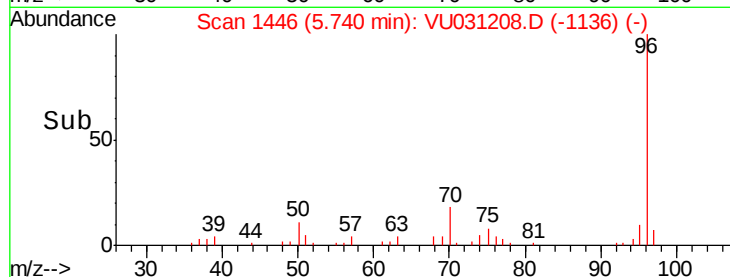


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 70.00 (69.70 to 70.70): VU0

Ion 95.00 (94.70 to 95.70): VU0

Ion 97.00 (96.70 to 97.70): VU0



#2

Dichlorodifluoromethane

Concen: 1.989 ug/l

RT: 1.20 min Scan# 35

Delta R.T. 0.00 min

Lab File: VU031208.D

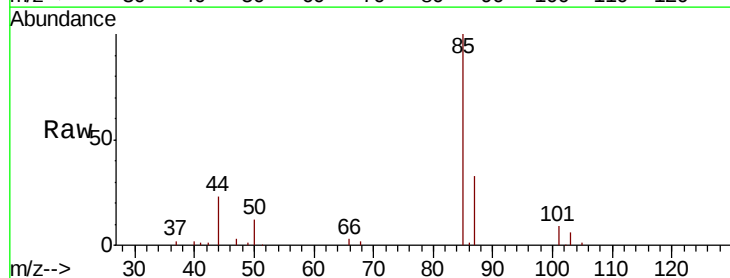
Acq: 16 Apr 2019 12:12

Tgt Ion: 85 Resp: 29941

Ion Ratio Lower Upper

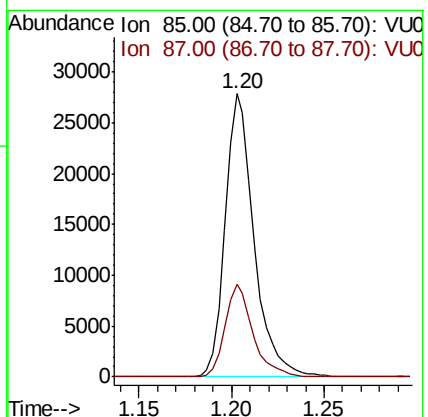
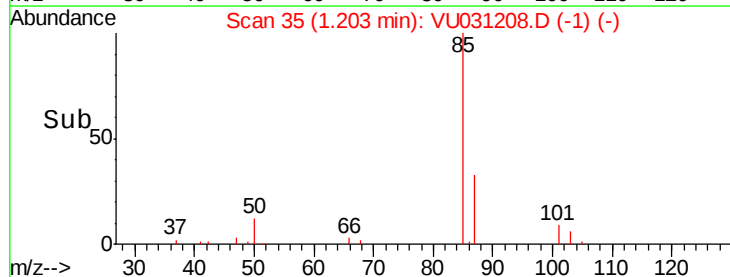
85 100

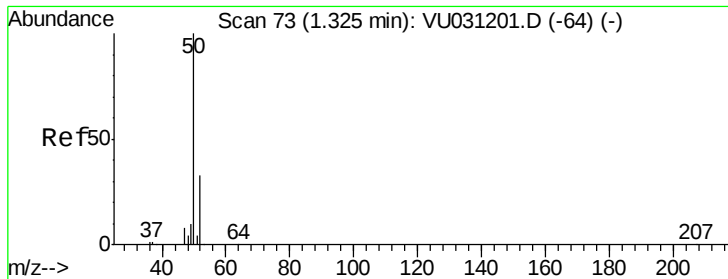
87 32.5 15.8 47.3



Abundance Ion 85.00 (84.70 to 85.70): VU0

Ion 87.00 (86.70 to 87.70): VU0





#3

Chloromethane

Concen: 2.009 ug/l

RT: 1.32 min Scan# 73

Delta R.T. 0.00 min

Lab File: VU031208.D

Acq: 16 Apr 2019 12:12

Instrument :

MSVOA_U

ClientSampleId :

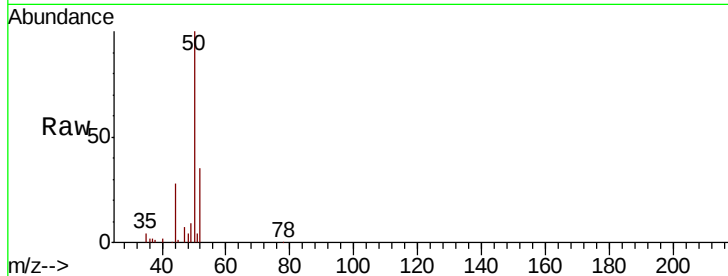
VU0416WBS01

Tgt Ion: 50 Resp: 31915

Ion Ratio Lower Upper

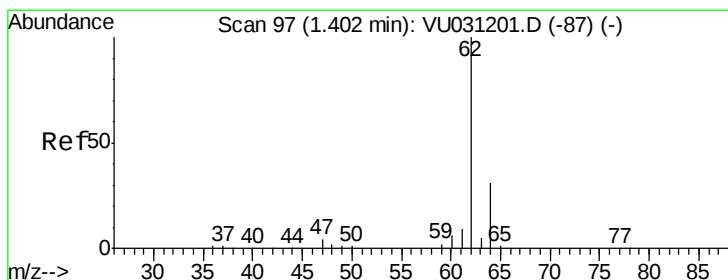
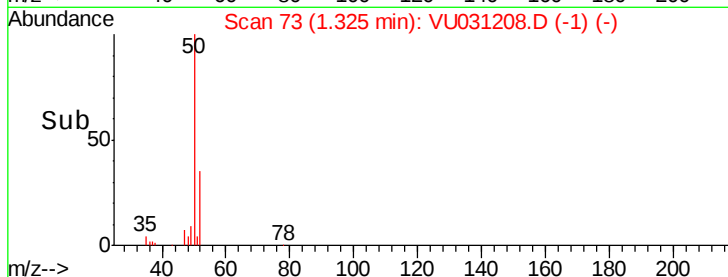
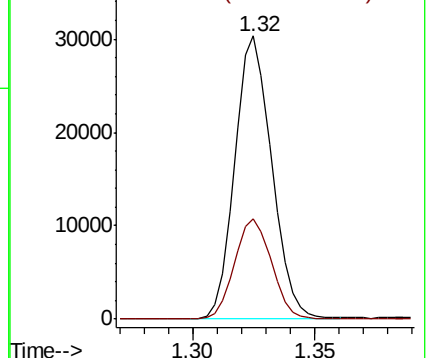
50 100

52 35.2 26.2 39.2



Abundance Ion 50.00 (49.70 to 50.70): VU0

Ion 52.00 (51.70 to 52.70): VU0



#4

Vinyl Chloride

Concen: 2.010 ug/l

RT: 1.40 min Scan# 97

Delta R.T. 0.00 min

Lab File: VU031208.D

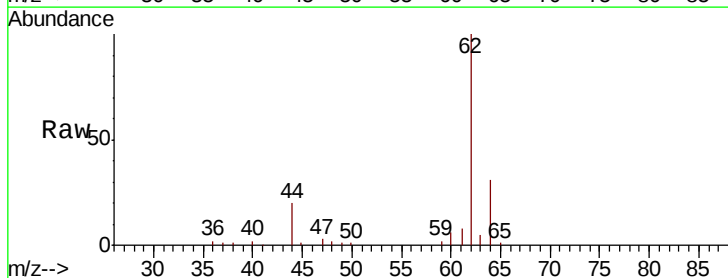
Acq: 16 Apr 2019 12:12

Tgt Ion: 62 Resp: 31193

Ion Ratio Lower Upper

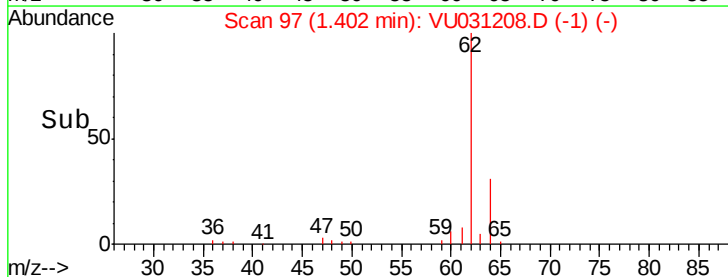
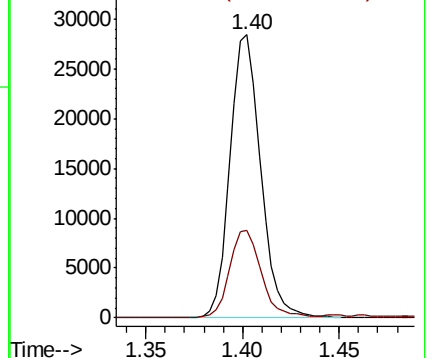
62 100

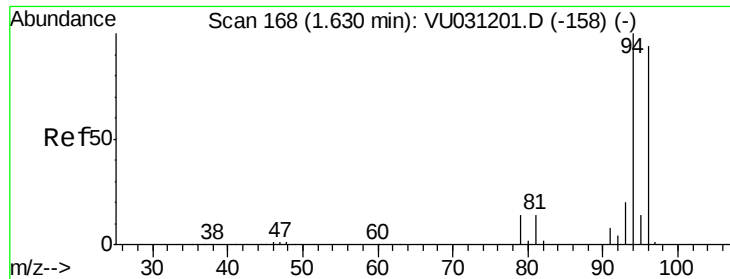
64 31.1 25.0 37.6



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 64.00 (63.70 to 64.70): VU0

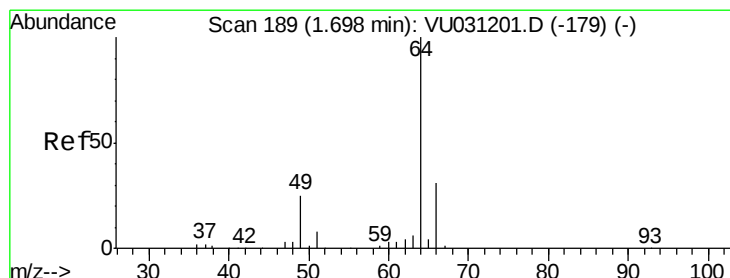
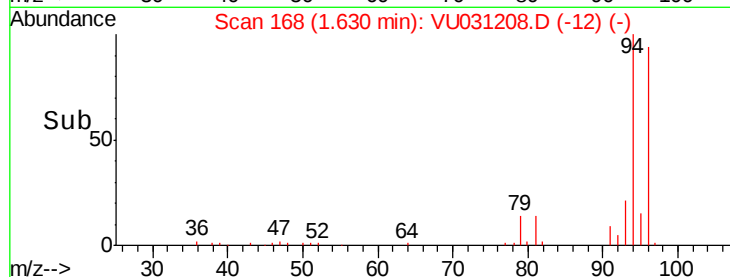
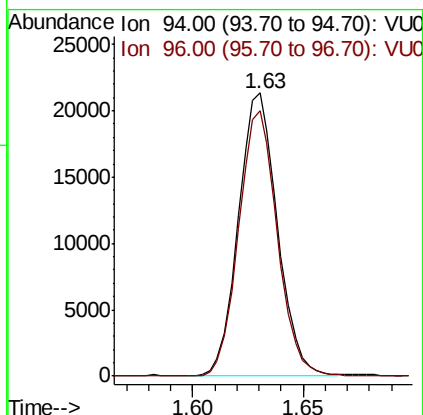
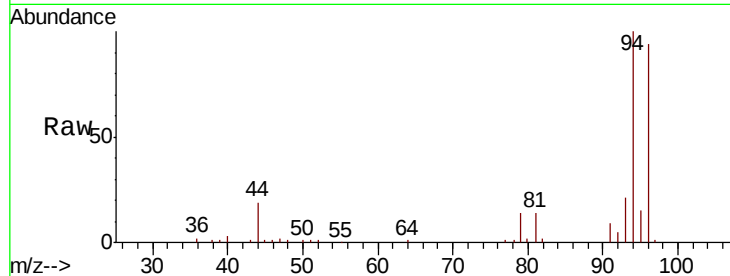




#5
Bromomethane
Concen: 2.881 ug/l
RT: 1.63 min Scan# 168
Delta R.T. 0.00 min
Lab File: VU031208.D
Acq: 16 Apr 2019 12:12

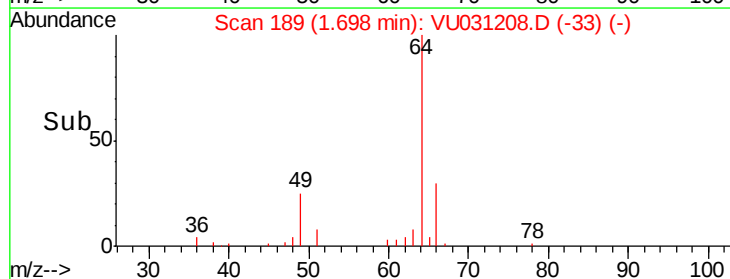
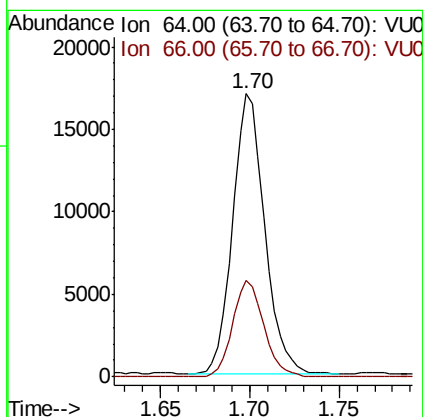
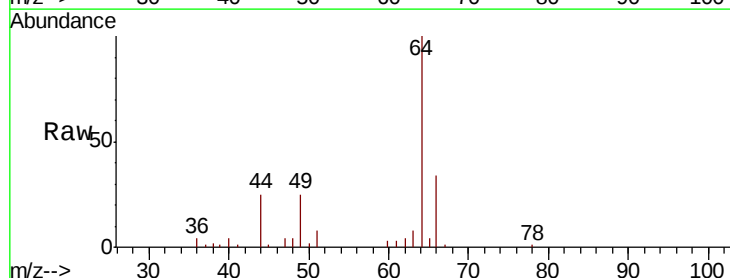
Instrument :
MSVOA_U
ClientSampleId :
VU0416WBS01

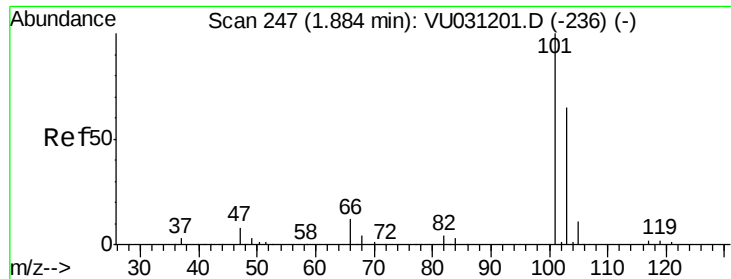
Tgt Ion: 94 Resp: 26198
Ion Ratio Lower Upper
94 100
96 94.0 75.0 112.6



#6
Chloroethane
Concen: 1.985 ug/l
RT: 1.70 min Scan# 189
Delta R.T. 0.00 min
Lab File: VU031208.D
Acq: 16 Apr 2019 12:12

Tgt Ion: 64 Resp: 21267
Ion Ratio Lower Upper
64 100
66 34.2 25.1 37.7





#7

Trichlorofluoromethane

Concen: 2.041 ug/l

RT: 1.89 min Scan# 248

Delta R.T. 0.00 min

Lab File: VU031208.D

Acq: 16 Apr 2019 12:12

Instrument :

MSVOA_U

ClientSampleId :

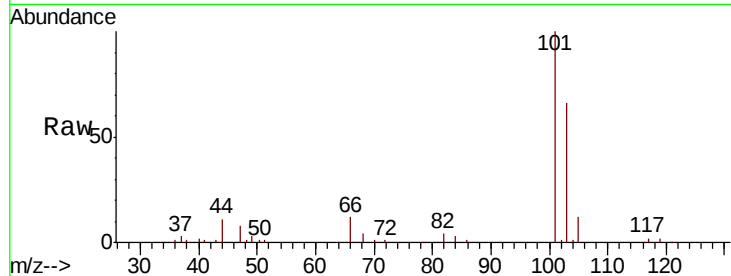
VU0416WBS01

Tgt Ion:101 Resp: 46182

Ion Ratio Lower Upper

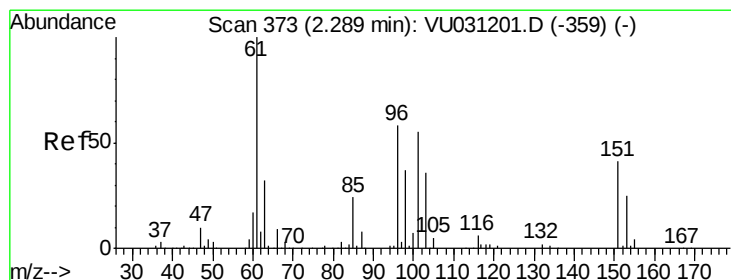
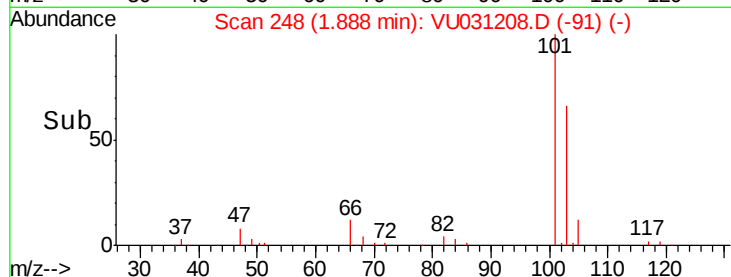
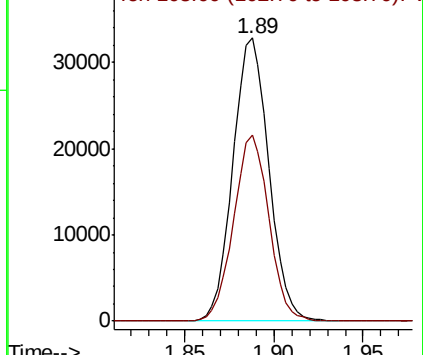
101 100

103 65.5 51.8 77.8



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V



#8

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 2.086 ug/l

RT: 2.29 min Scan# 372

Delta R.T. -0.00 min

Lab File: VU031208.D

Acq: 16 Apr 2019 12:12

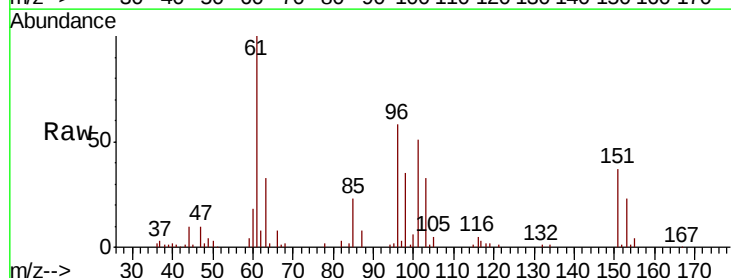
Tgt Ion:101 Resp: 23502

Ion Ratio Lower Upper

101 100

85 43.9 36.1 54.1

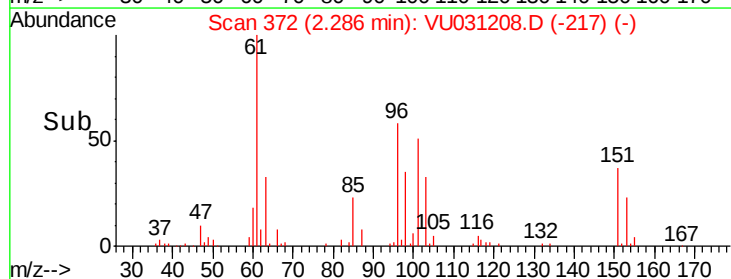
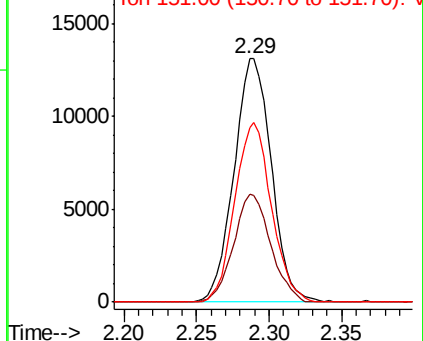
151 72.0 58.2 87.2

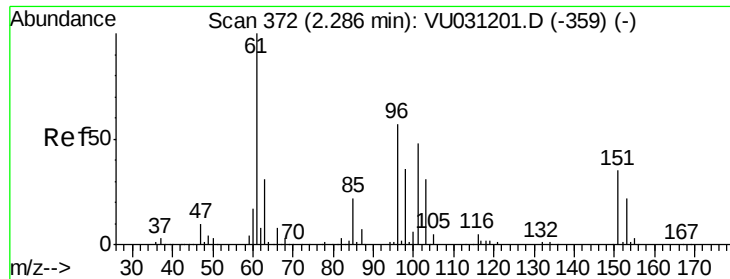


Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V





#9

1,1-Dichloroethene

Concen: 2.107 ug/l

RT: 2.29 min Scan# 372

Delta R.T. 0.00 min

Lab File: VU031208.D

Acq: 16 Apr 2019 12:12

Instrument :

MSVOA_U

ClientSampleId :

VU0416WBS01

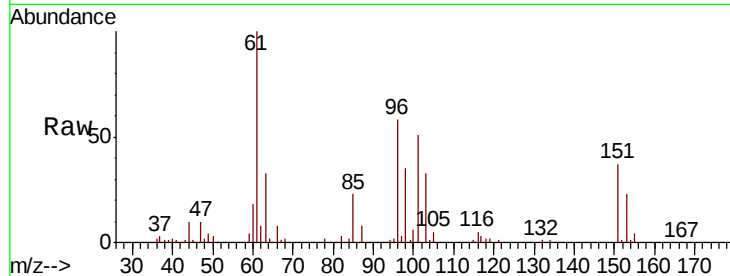
Tgt Ion: 96 Resp: 23718

Ion Ratio Lower Upper

96 100

61 173.4 0.0 527.7

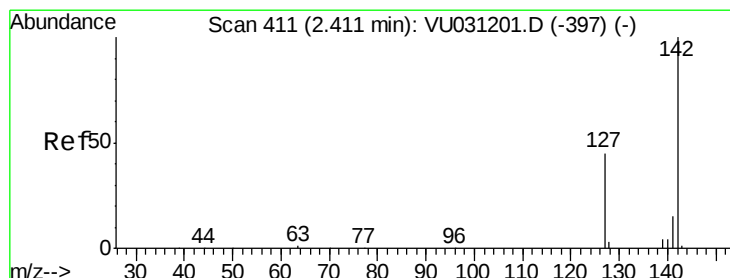
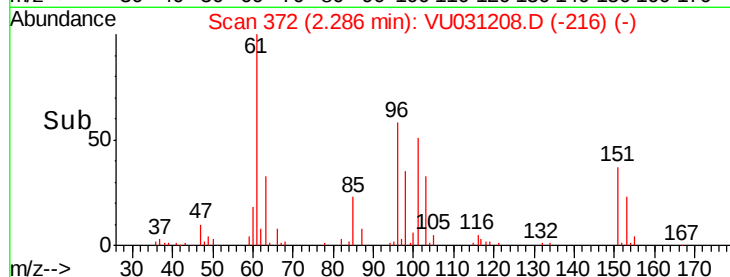
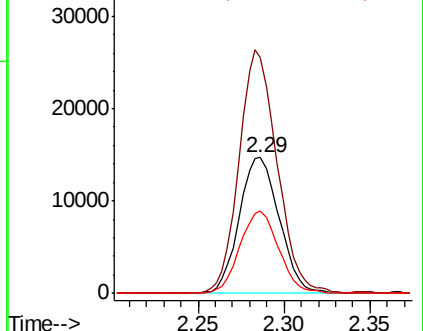
98 61.0 0.0 127.6



Abundance Ion 96.00 (95.70 to 96.70): VU031208.D (-216) (-)

Ion 61.00 (60.70 to 61.70): VU031208.D (-216) (-)

Ion 98.00 (97.70 to 98.70): VU031208.D (-216) (-)



#10

Iodomethane

Concen: 1.312 ug/l

RT: 2.41 min Scan# 411

Delta R.T. 0.00 min

Lab File: VU031208.D

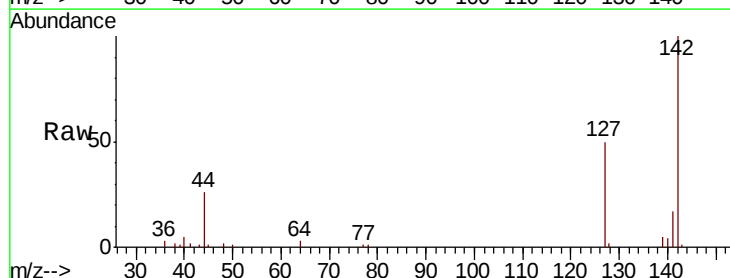
Acq: 16 Apr 2019 12:12

Tgt Ion: 142 Resp: 19947

Ion Ratio Lower Upper

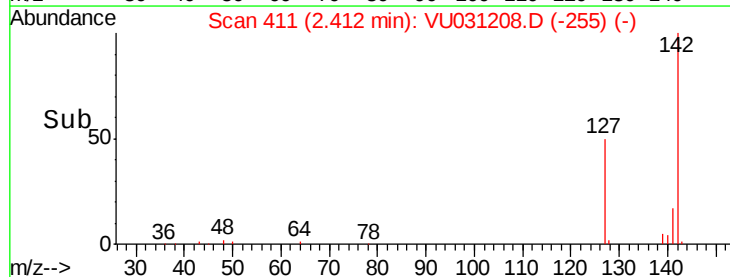
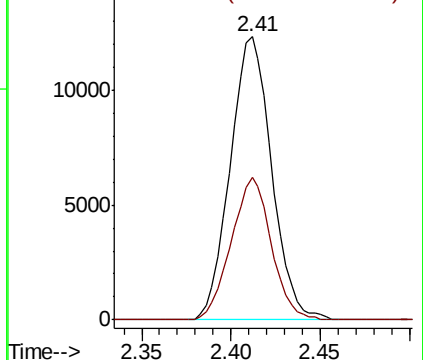
142 100

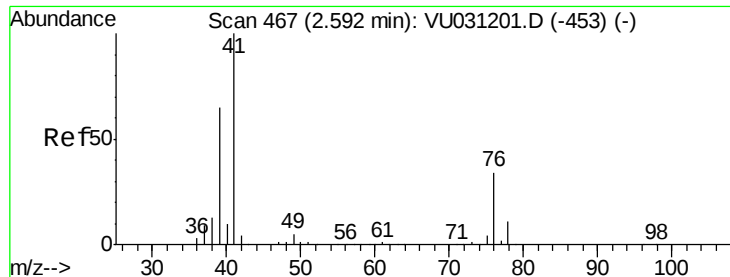
127 48.6 35.9 53.9



Abundance Ion 142.00 (141.70 to 142.70): VU031208.D (-255) (-)

Ion 127.00 (126.70 to 127.70): VU031208.D (-255) (-)

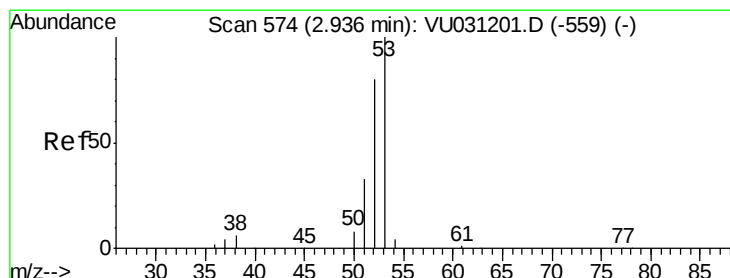
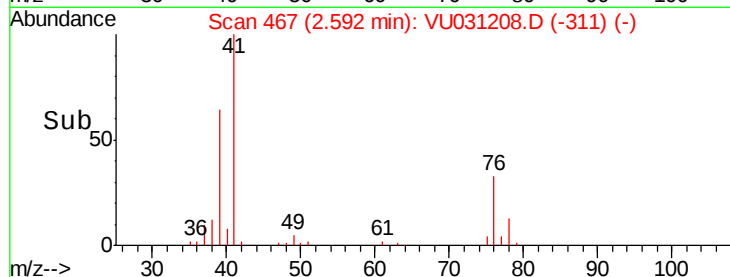
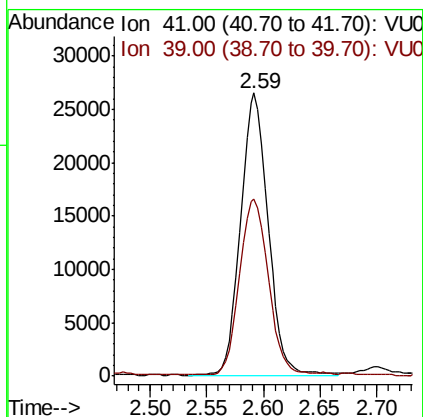
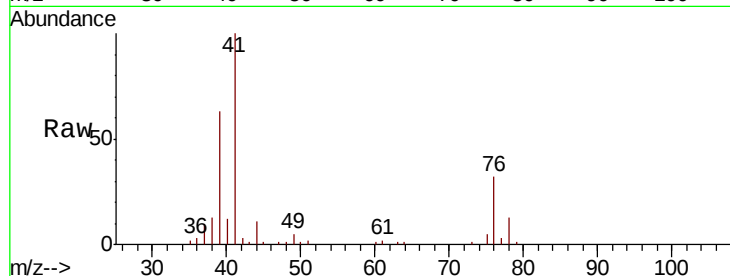




#11
 Allyl Chloride
 Concen: 2.065 ug/l
 RT: 2.59 min Scan# 467
 Delta R.T. 0.00 min
 Lab File: VU031208.D
 Acq: 16 Apr 2019 12:12

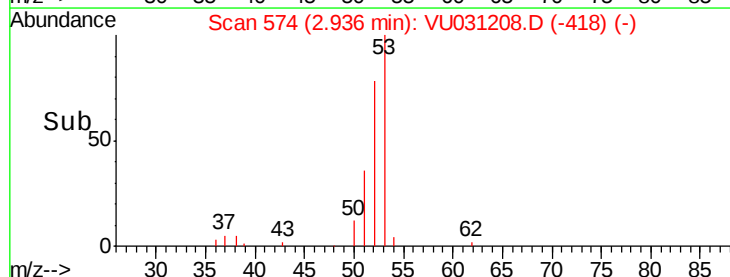
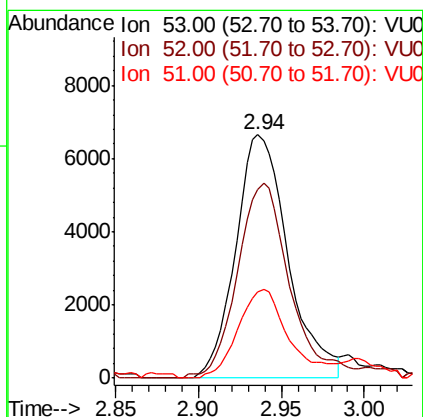
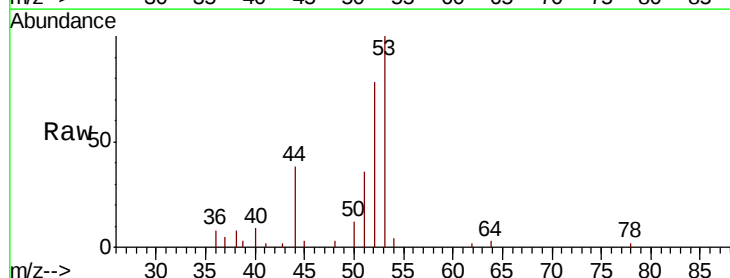
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0416WBS01

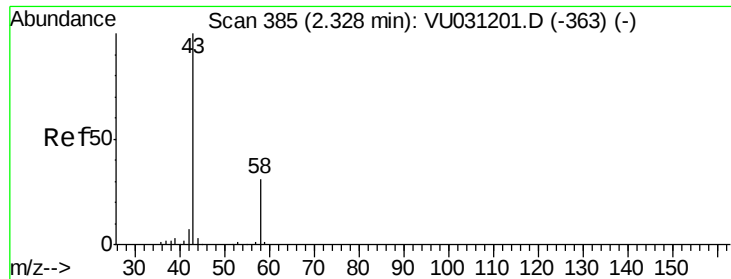
Tgt Ion: 41 Resp: 45610
 Ion Ratio Lower Upper
 41 100
 39 63.9 51.9 77.9



#12
 Acrylonitrile
 Concen: 4.437 ug/l
 RT: 2.94 min Scan# 574
 Delta R.T. 0.00 min
 Lab File: VU031208.D
 Acq: 16 Apr 2019 12:12

Tgt Ion: 53 Resp: 14609
 Ion Ratio Lower Upper
 53 100
 52 80.2 67.8 101.8
 51 35.2 26.9 40.3





#13

Acetone

Concen: 10.720 ug/l

RT: 2.32 min Scan# 384

Delta R.T. -0.00 min

Lab File: VU031208.D

Acq: 16 Apr 2019 12:12

Instrument :

MSVOA_U

ClientSampleId :

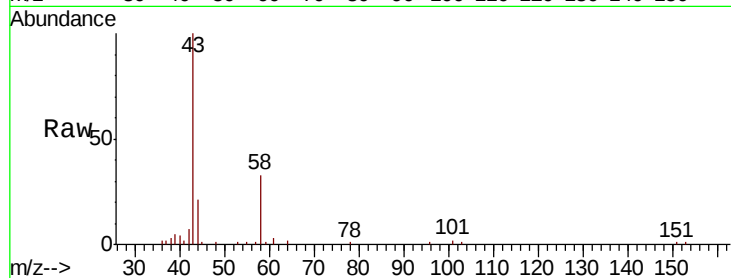
VU0416WBS01

Tgt Ion: 43 Resp: 28971

Ion Ratio Lower Upper

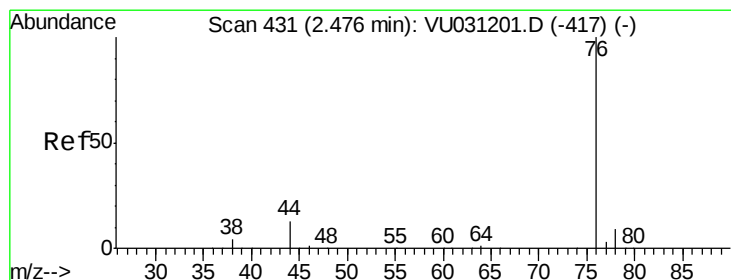
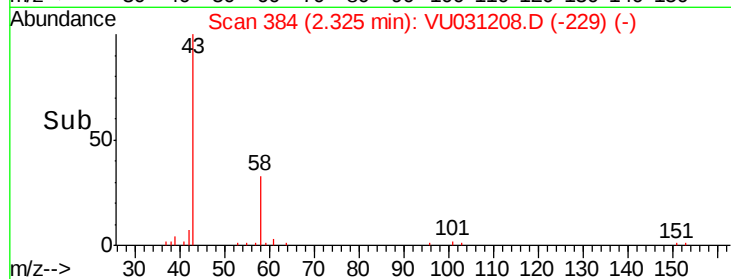
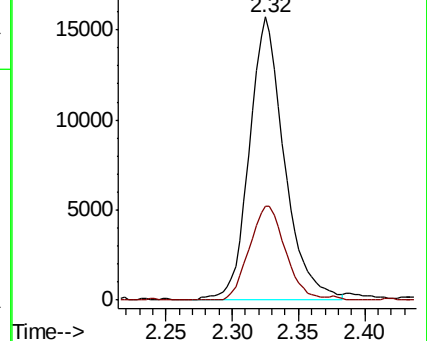
43 100

58 33.3 24.7 37.1



Abundance Ion 43.00 (42.70 to 43.70): VU031208.D (-229) (-)

Ion 58.00 (57.70 to 58.70): VU031208.D (-229) (-)



#14

Carbon Disulfide

Concen: 2.101 ug/l

RT: 2.48 min Scan# 431

Delta R.T. 0.00 min

Lab File: VU031208.D

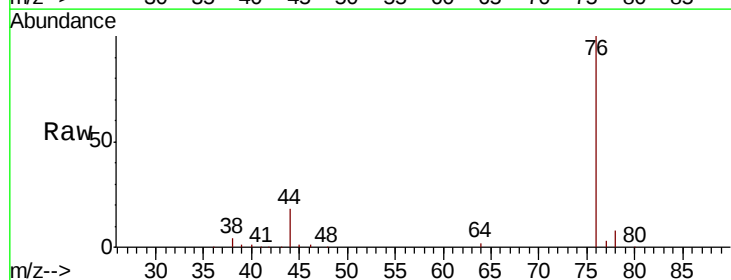
Acq: 16 Apr 2019 12:12

Tgt Ion: 76 Resp: 87330

Ion Ratio Lower Upper

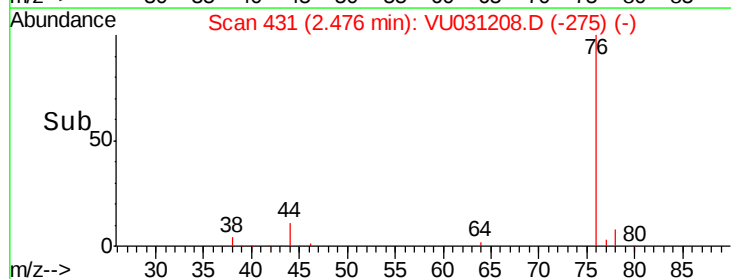
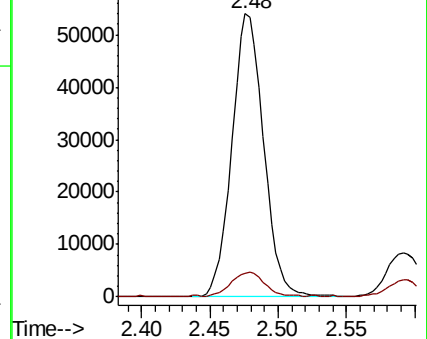
76 100

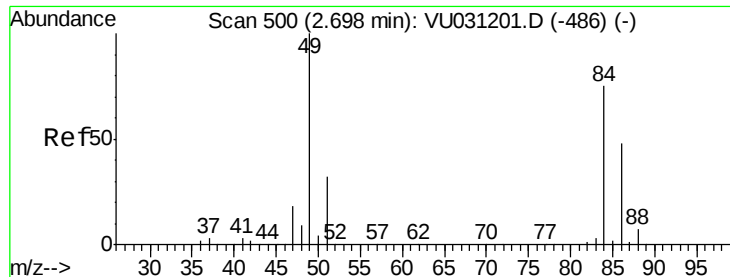
78 7.9 7.2 10.8



Abundance Ion 76.00 (75.70 to 76.70): VU031208.D (-275) (-)

Ion 78.00 (77.70 to 78.70): VU031208.D (-275) (-)

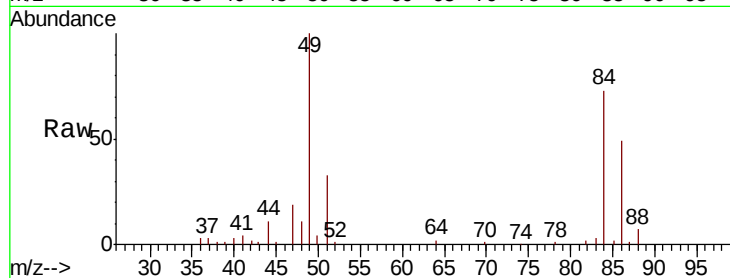




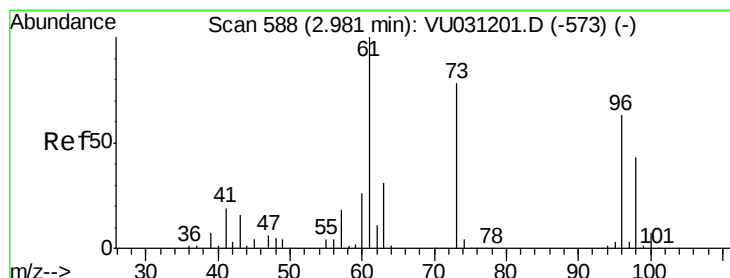
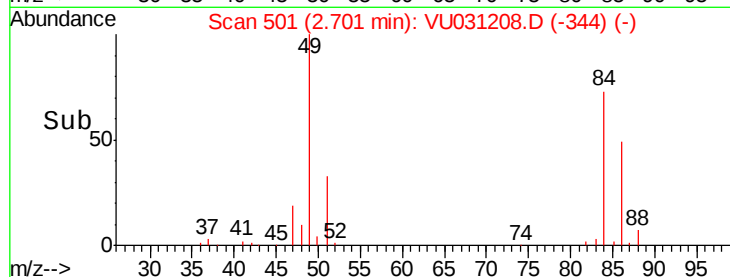
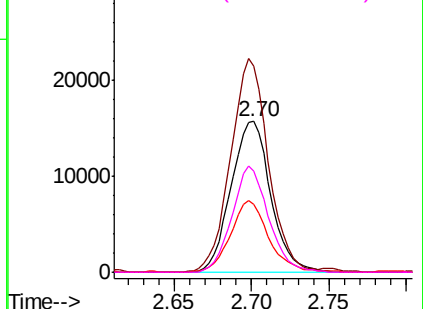
#15
Methylene Chloride
Concen: 1.936 ug/l
RT: 2.70 min Scan# 501
Delta R.T. 0.00 min
Lab File: VU031208.D
Acq: 16 Apr 2019 12:12

Instrument :
MSVOA_U
ClientSampleId :
VU0416WBS01

Tgt Ion: 84 Resp: 28092
Ion Ratio Lower Upper
84 100
49 136.5 106.1 159.1
51 45.4 0.0 84.2
86 66.8 50.5 75.7

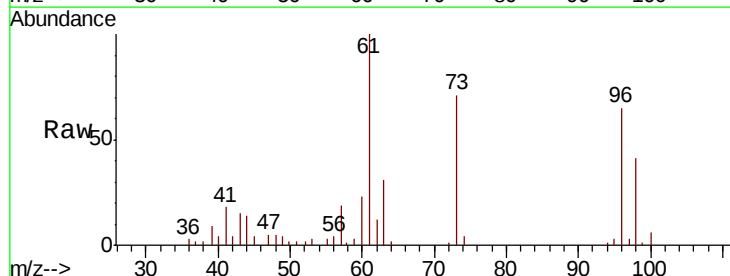


Abundance Ion 84.00 (83.70 to 84.70): VU0
Ion 49.00 (48.70 to 49.70): VU0
Ion 51.00 (50.70 to 51.70): VU0
Ion 86.00 (85.70 to 86.70): VU0

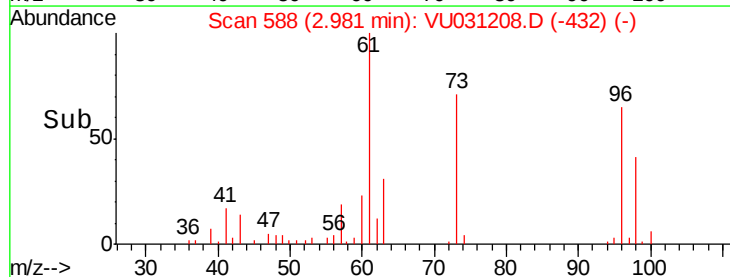
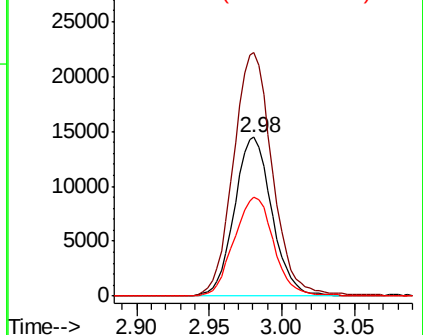


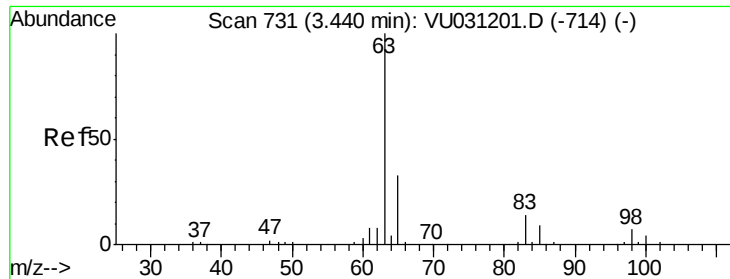
#16
trans-1,2-Dichloroethene
Concen: 2.098 ug/l
RT: 2.98 min Scan# 588
Delta R.T. 0.00 min
Lab File: VU031208.D
Acq: 16 Apr 2019 12:12

Tgt Ion: 96 Resp: 26064
Ion Ratio Lower Upper
96 100
61 153.2 126.6 189.8
98 62.2 53.9 80.9



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

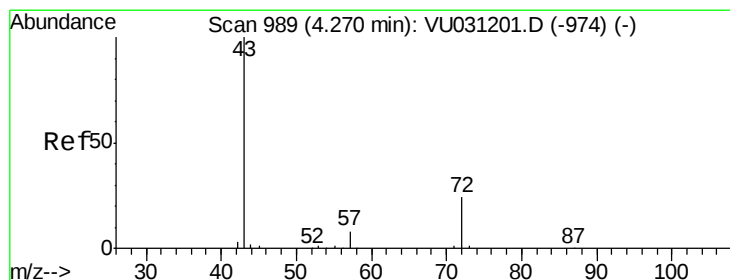
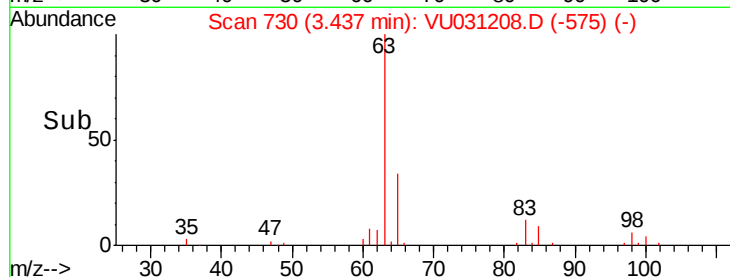
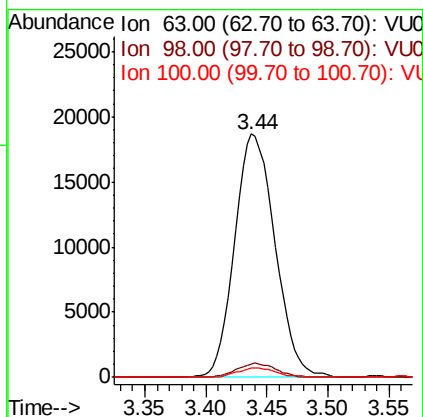
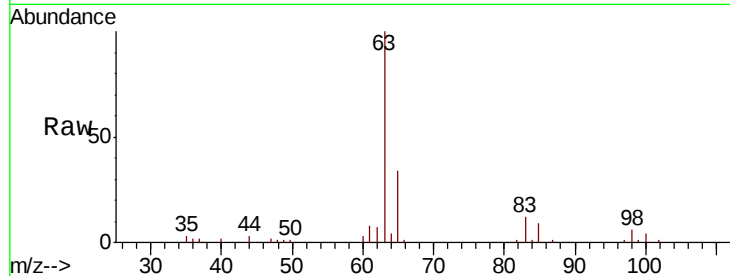




#17
 1,1-Dichloroethane
 Concen: 2.177 ug/l
 RT: 3.44 min Scan# 730
 Delta R.T. -0.00 min
 Lab File: VU031208.D
 Acq: 16 Apr 2019 12:12

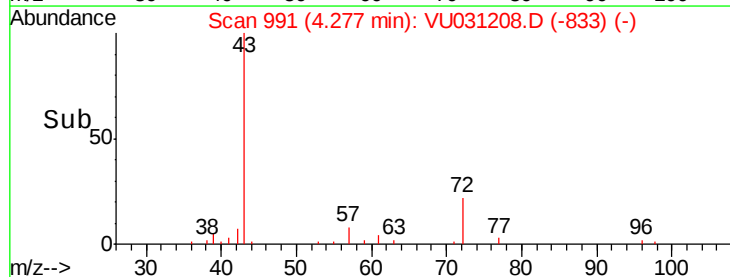
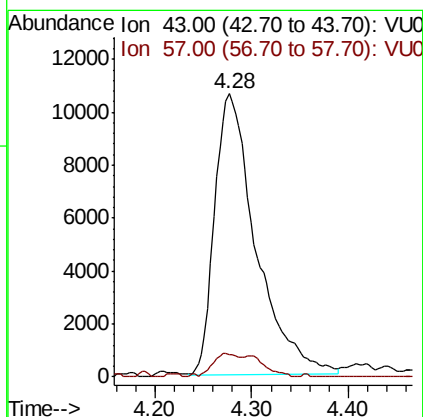
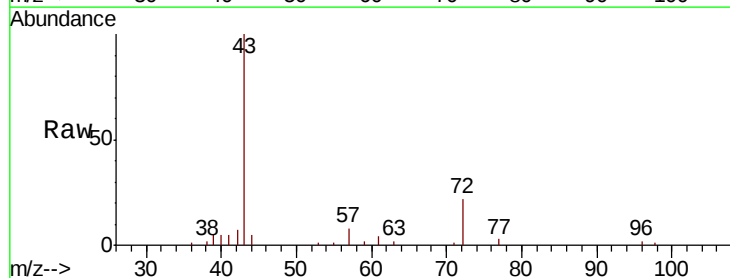
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0416WBS01

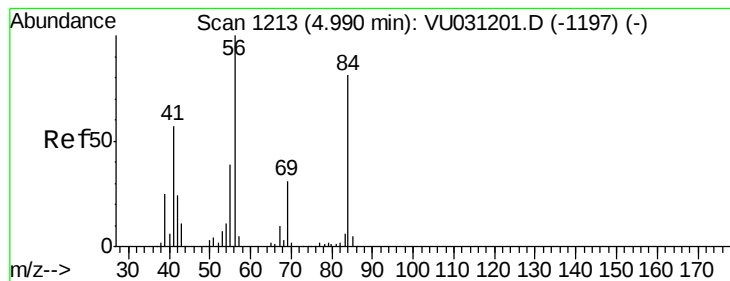
Tgt Ion: 63 Resp: 42833
 Ion Ratio Lower Upper
 63 100
 98 5.6 3.3 9.8
 100 3.6 2.0 5.8



#18
 2-Butanone
 Concen: 10.335 ug/l
 RT: 4.28 min Scan# 991
 Delta R.T. 0.01 min
 Lab File: VU031208.D
 Acq: 16 Apr 2019 12:12

Tgt Ion: 43 Resp: 31625
 Ion Ratio Lower Upper
 43 100
 57 8.1 0.0 16.2





#19

Cyclohexane

Concen: 2.020 ug/l

RT: 4.99 min Scan# 1212

Delta R.T. -0.00 min

Lab File: VU031208.D

Acq: 16 Apr 2019 12:12

Instrument :

MSVOA_U

ClientSampleId :

VU0416WBS01

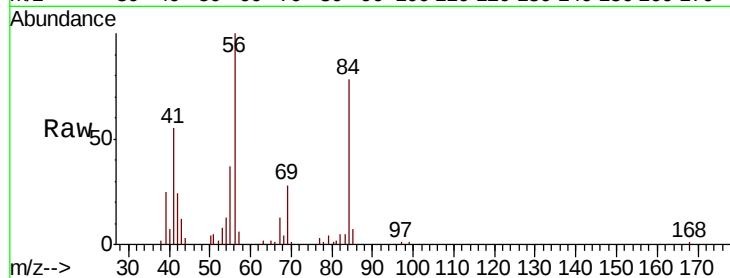
Tgt Ion: 56 Resp: 27965

Ion Ratio Lower Upper

56 100

69 33.5 28.3 42.5

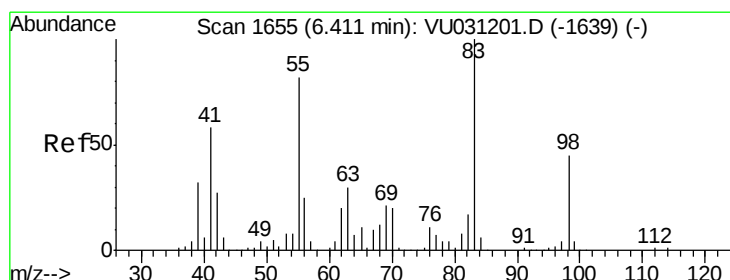
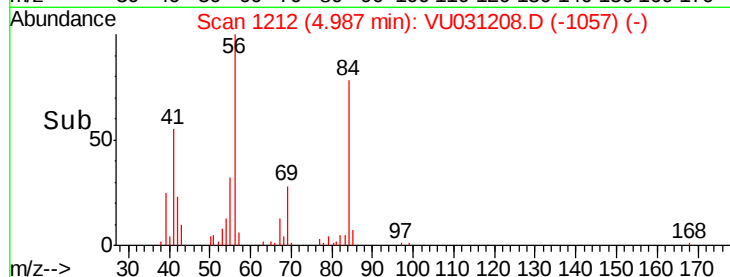
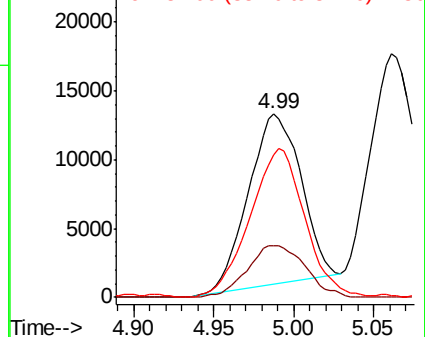
84 89.6 75.2 112.8



Abundance Ion 56.00 (55.70 to 56.70): VU0

Ion 69.00 (68.70 to 69.70): VU0

Ion 84.00 (83.70 to 84.70): VU0



#20

Methylcyclohexane

Concen: 2.118 ug/l

RT: 6.41 min Scan# 1654

Delta R.T. -0.00 min

Lab File: VU031208.D

Acq: 16 Apr 2019 12:12

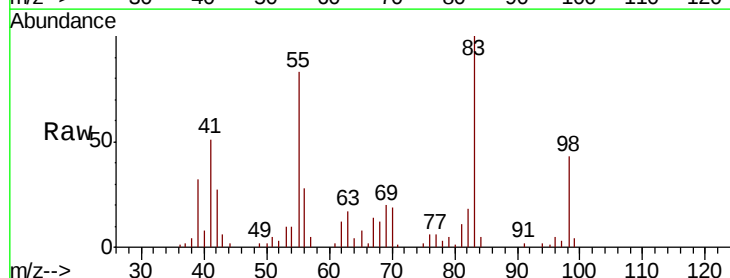
Tgt Ion: 83 Resp: 29726

Ion Ratio Lower Upper

83 100

55 86.4 68.2 102.2

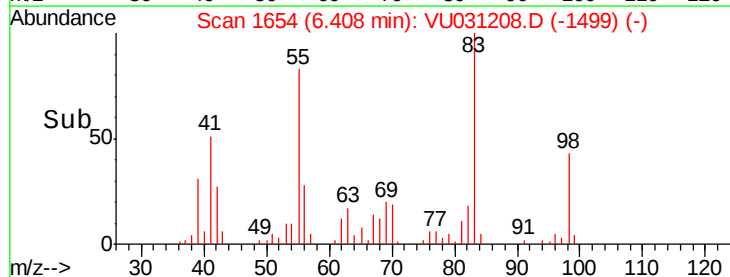
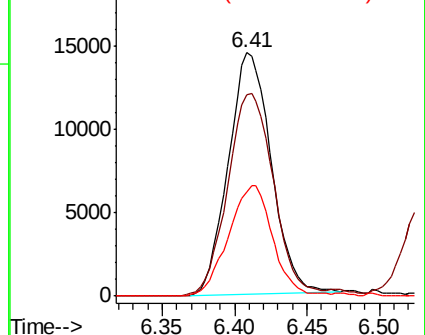
98 45.9 35.8 53.8

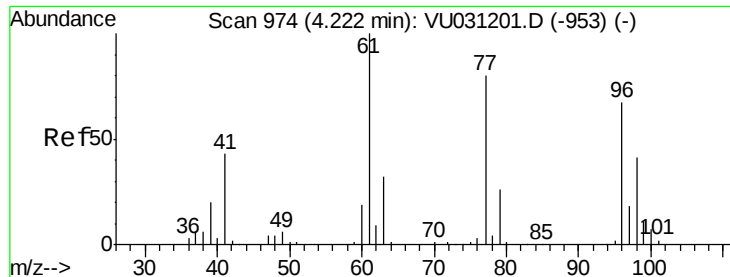


Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 55.00 (54.70 to 55.70): VU0

Ion 98.00 (97.70 to 98.70): VU0

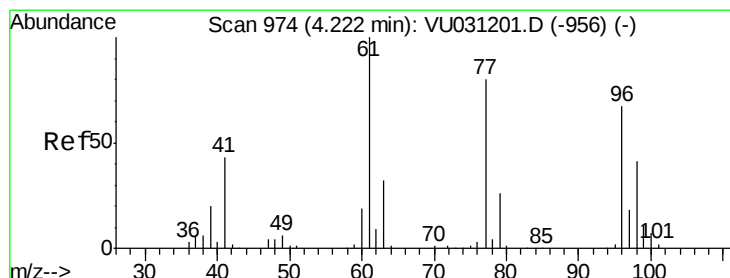
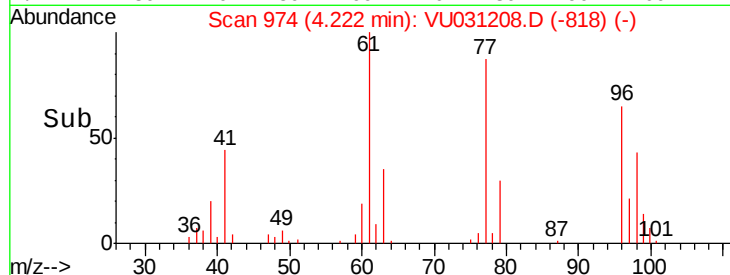
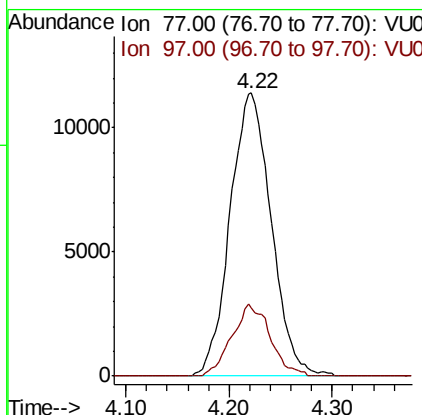
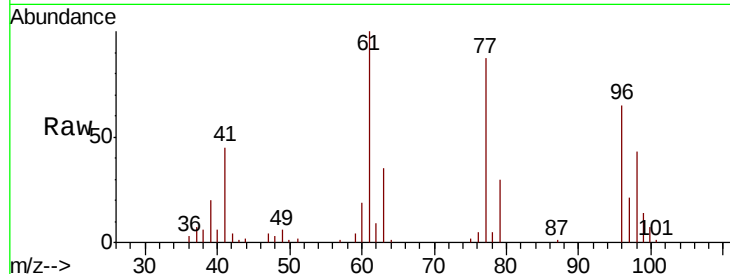




#21
 2,2-Dichloropropane
 Concen: 2.073 ug/l
 RT: 4.22 min Scan# 974
 Delta R.T. 0.00 min
 Lab File: VU031208.D
 Acq: 16 Apr 2019 12:12

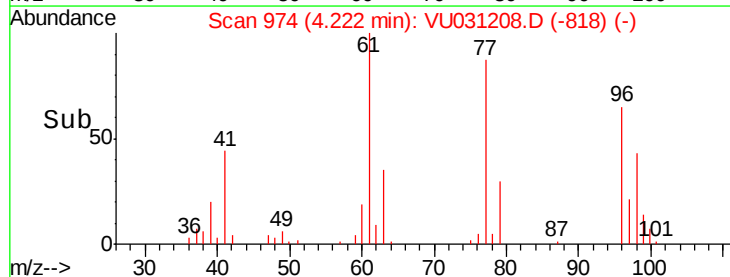
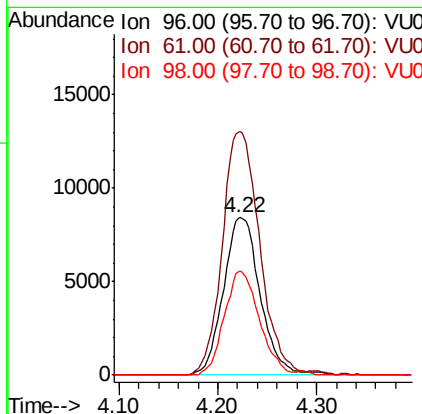
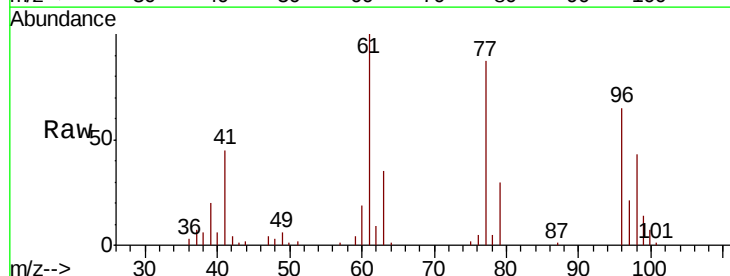
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0416WBS01

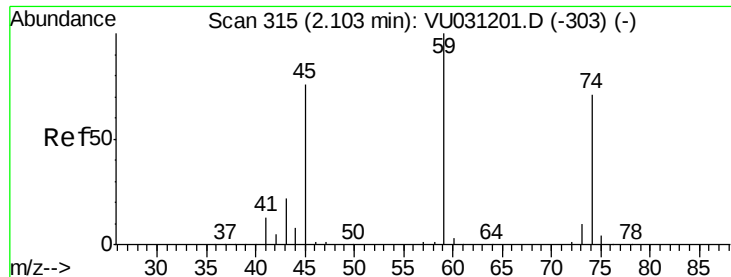
Tgt Ion: 77 Resp: 31609
 Ion Ratio Lower Upper
 77 100
 97 23.7 18.2 27.2



#22
 cis-1,2-Dichloroethene
 Concen: 2.028 ug/l
 RT: 4.22 min Scan# 974
 Delta R.T. 0.00 min
 Lab File: VU031208.D
 Acq: 16 Apr 2019 12:12

Tgt Ion: 96 Resp: 21959
 Ion Ratio Lower Upper
 96 100
 61 156.7 0.0 380.0
 98 62.8 32.3 96.9

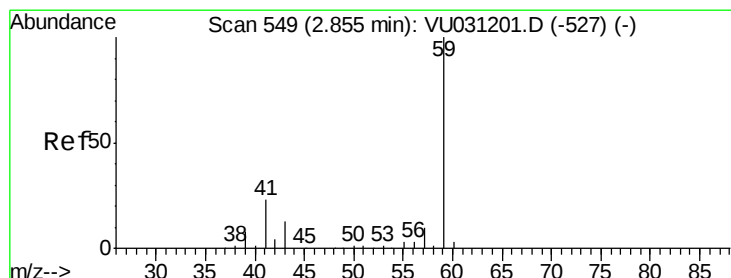
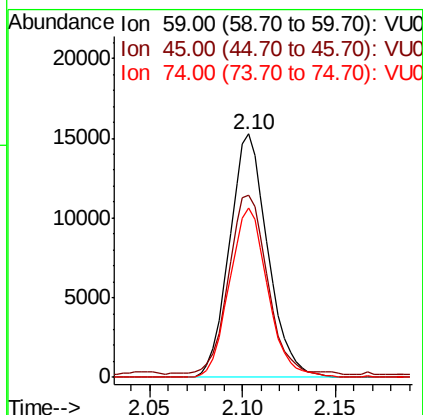
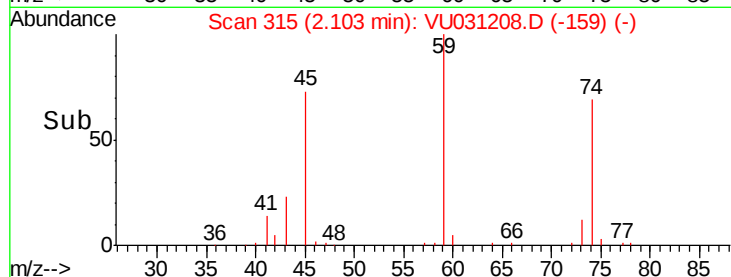
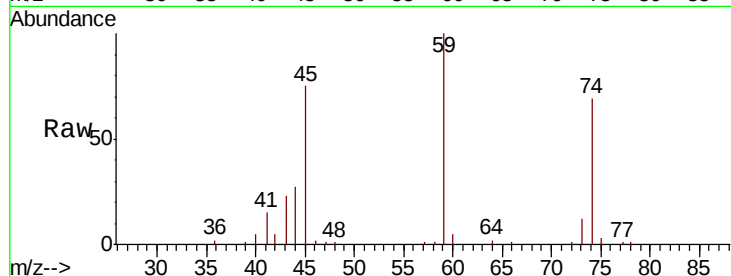




#23
Diethyl Ether
Concen: 2.088 ug/l
RT: 2.10 min Scan# 315
Delta R.T. 0.00 min
Lab File: VU031208.D
Acq: 16 Apr 2019 12:12

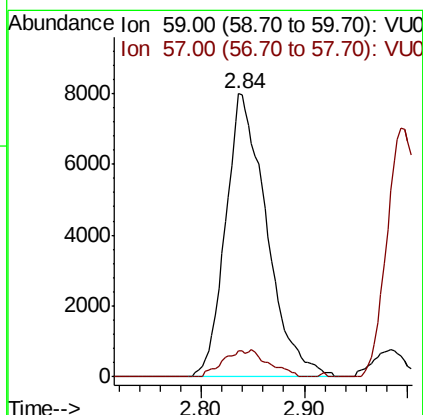
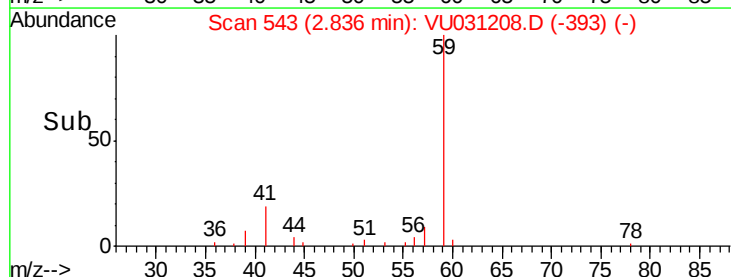
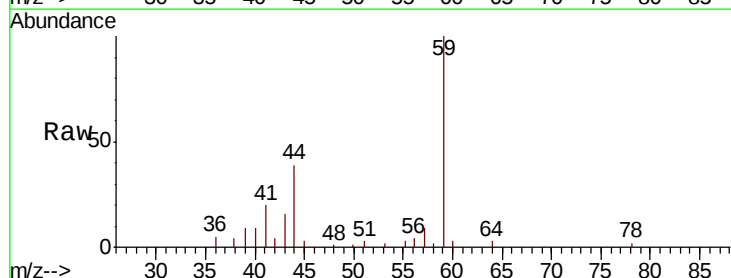
Instrument :
MSVOA_U
ClientSampleId :
VU0416WBS01

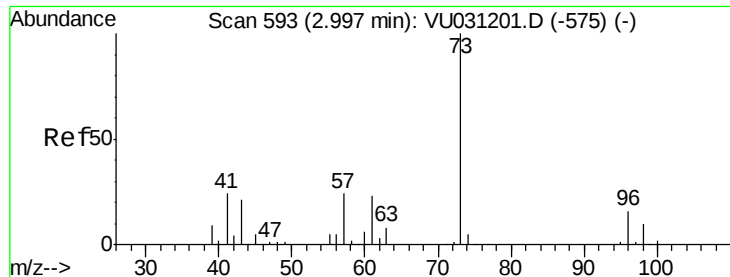
Tgt Ion: 59 Resp: 21919
Ion Ratio Lower Upper
59 100
45 72.9 61.8 92.6
74 69.4 55.8 83.8



#24
tert-Butyl Alcohol
Concen: 19.774 ug/l
RT: 2.84 min Scan# 543
Delta R.T. -0.02 min
Lab File: VU031208.D
Acq: 16 Apr 2019 12:12

Tgt Ion: 59 Resp: 22108
Ion Ratio Lower Upper
59 100
57 5.3 8.4 12.6#

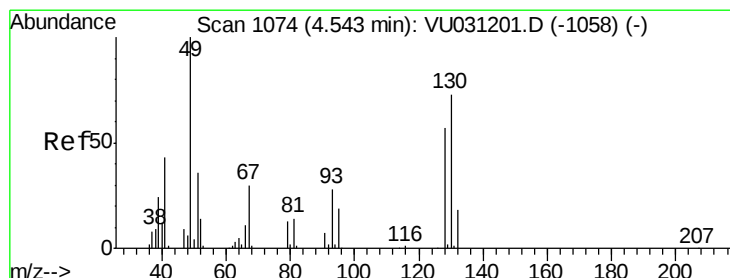
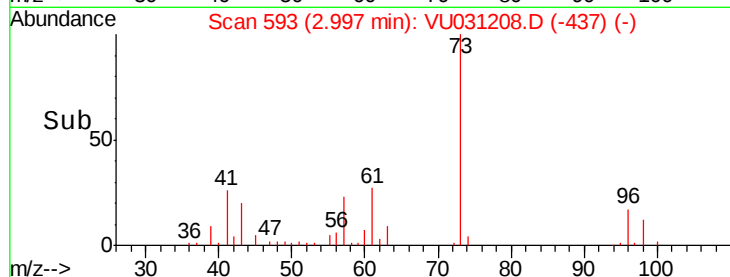
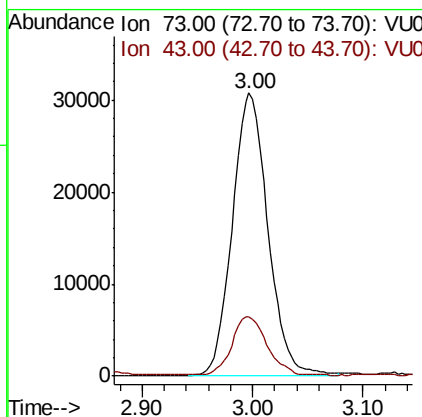
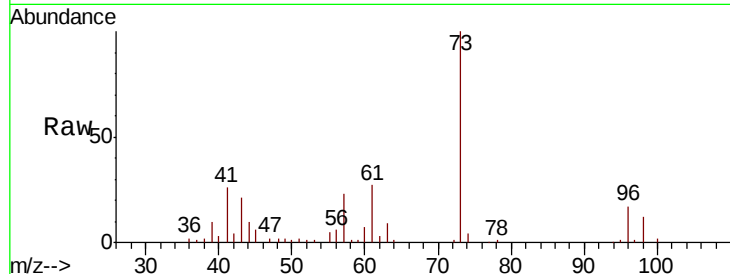




#25
Methyl tert-Butyl Ether
Concen: 2.104 ug/l
RT: 3.00 min Scan# 593
Delta R.T. 0.00 min
Lab File: VU031208.D
Acq: 16 Apr 2019 12:12

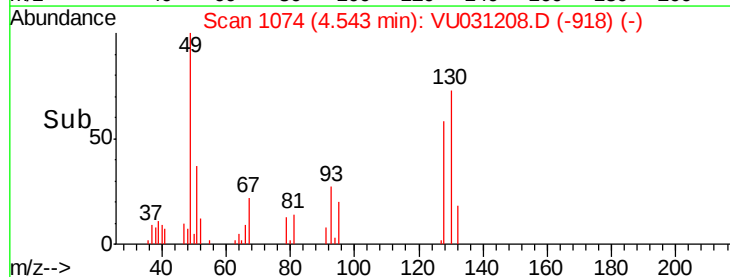
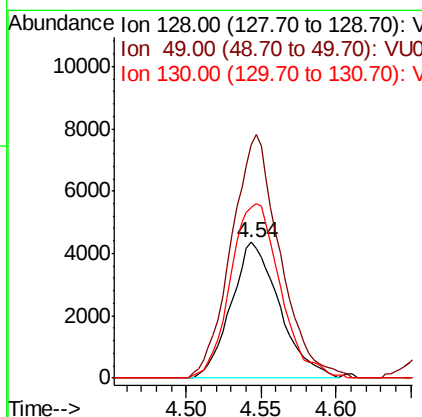
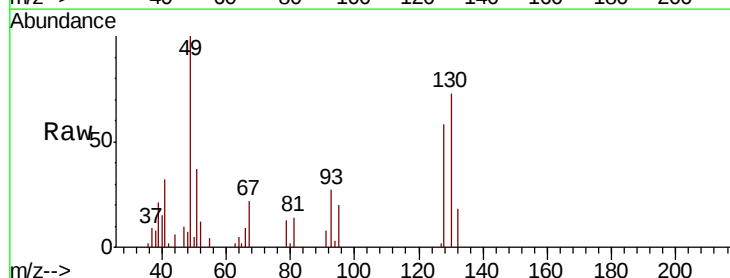
Instrument :
MSVOA_U
ClientSampleId :
VU0416WBS01

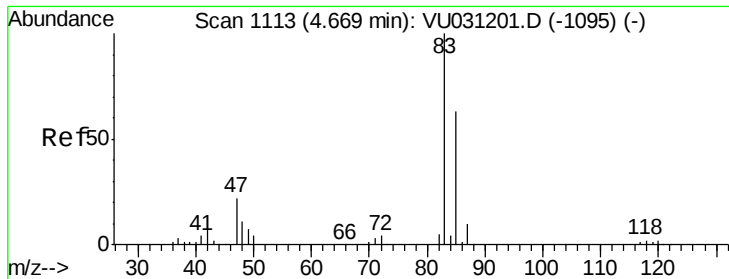
Tgt Ion: 73 Resp: 69031
Ion Ratio Lower Upper
73 100
43 19.9 16.2 24.4



#26
Bromochloromethane
Concen: 1.990 ug/l
RT: 4.54 min Scan# 1074
Delta R.T. 0.00 min
Lab File: VU031208.D
Acq: 16 Apr 2019 12:12

Tgt Ion: 128 Resp: 9826
Ion Ratio Lower Upper
128 100
49 179.8 0.0 345.8
130 132.3 103.4 155.2

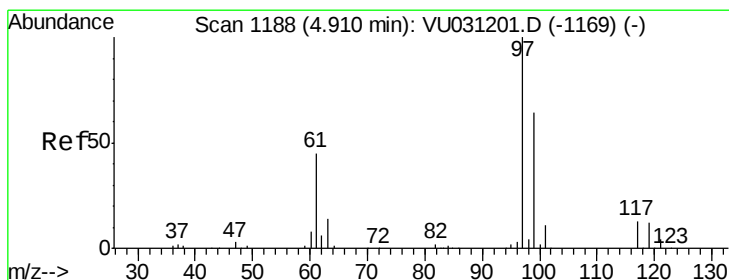
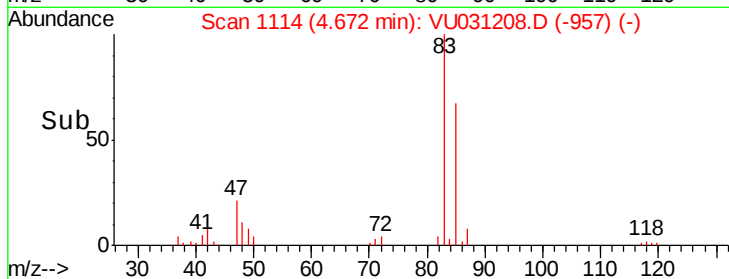
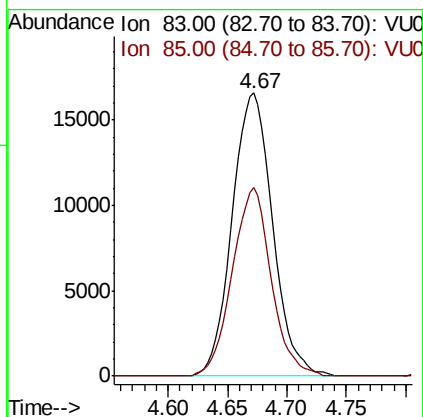
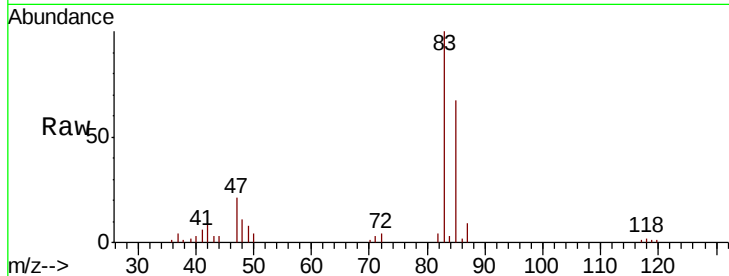




#27
Chloroform
Concen: 2.010 ug/l
RT: 4.67 min Scan# 1114
Delta R.T. 0.00 min
Lab File: VU031208.D
Acq: 16 Apr 2019 12:12

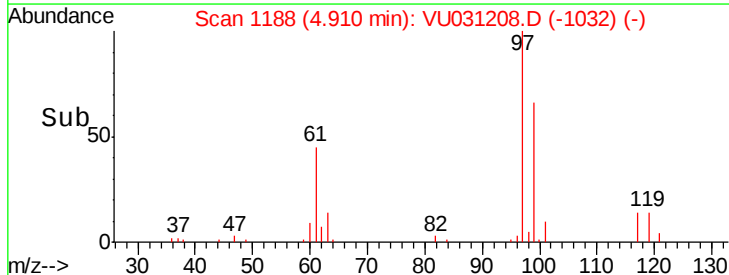
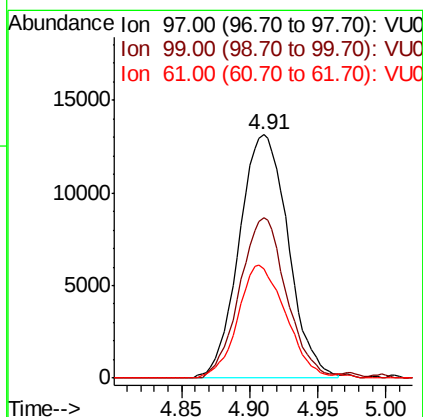
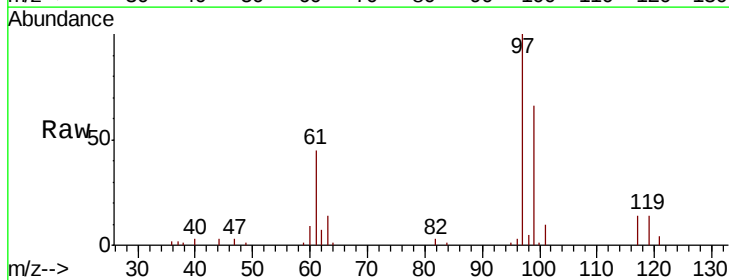
Instrument :
MSVOA_U
ClientSampleId :
VU0416WBS01

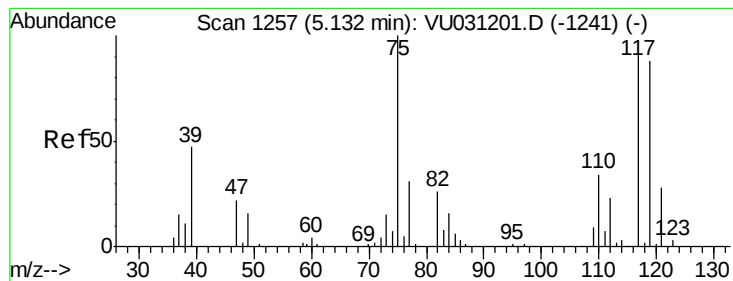
Tgt Ion: 83 Resp: 39116
Ion Ratio Lower Upper
83 100
85 66.6 0.0 126.6



#28
1,1,1-Trichloroethane
Concen: 1.984 ug/l
RT: 4.91 min Scan# 1188
Delta R.T. 0.00 min
Lab File: VU031208.D
Acq: 16 Apr 2019 12:12

Tgt Ion: 97 Resp: 32828
Ion Ratio Lower Upper
97 100
99 63.0 32.0 96.0
61 45.1 22.2 66.6





#29

1,1-Dichloropropene

Concen: 2.040 ug/l

RT: 5.13 min Scan# 1257

Delta R.T. 0.00 min

Lab File: VU031208.D

Acq: 16 Apr 2019 12:12

Instrument :

MSVOA_U

ClientSampleId :

VU0416WBS01

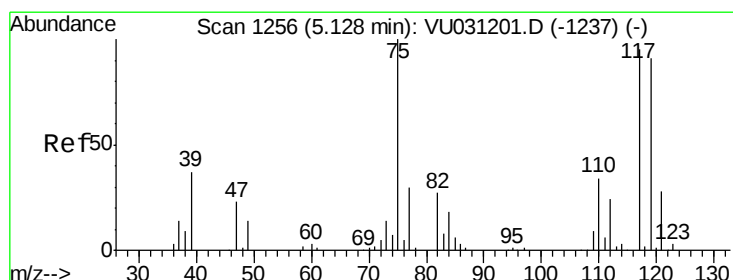
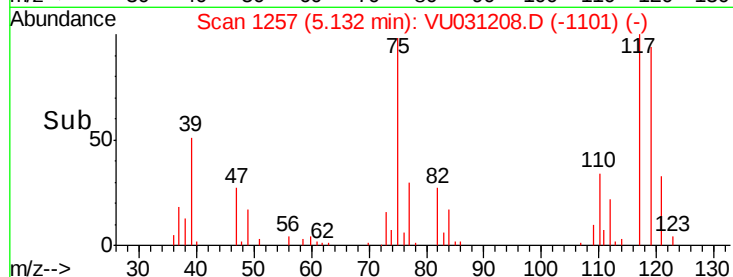
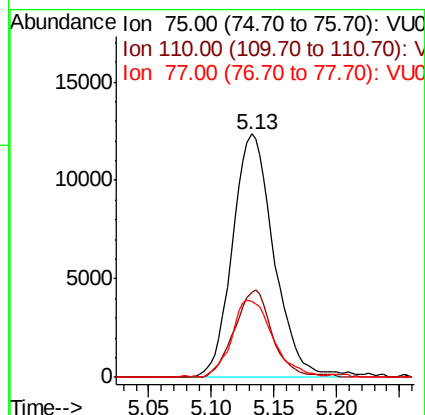
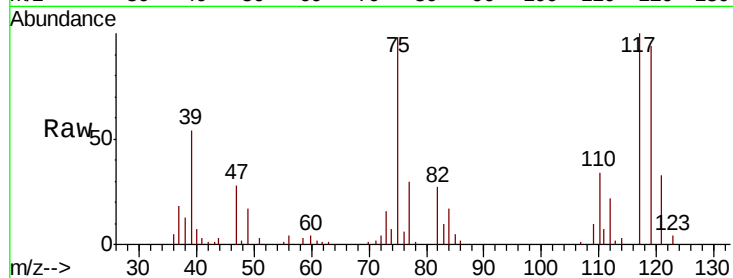
Tgt Ion: 75 Resp: 28310

Ion Ratio Lower Upper

75 100

110 32.7 17.2 51.5

77 31.6 24.9 37.3



#30

Carbon Tetrachloride

Concen: 2.040 ug/l

RT: 5.13 min Scan# 1256

Delta R.T. 0.00 min

Lab File: VU031208.D

Acq: 16 Apr 2019 12:12

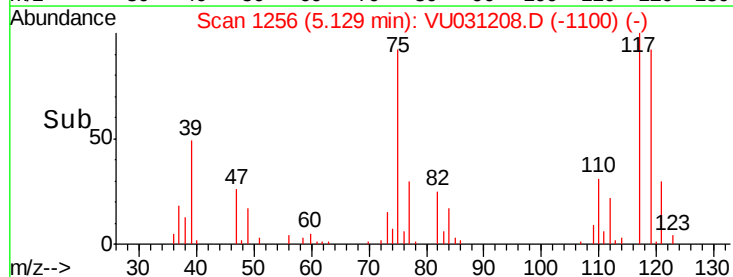
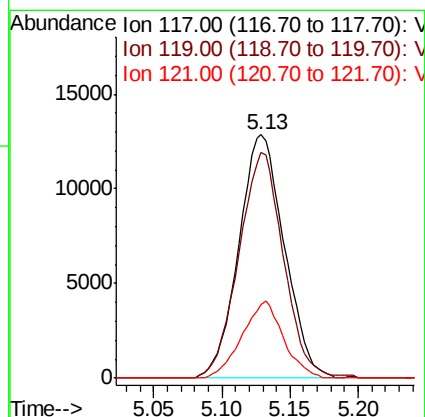
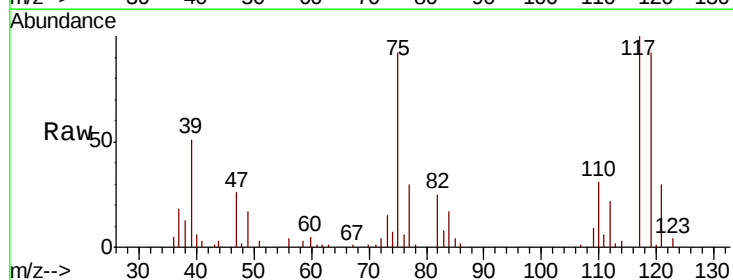
Tgt Ion: 117 Resp: 29820

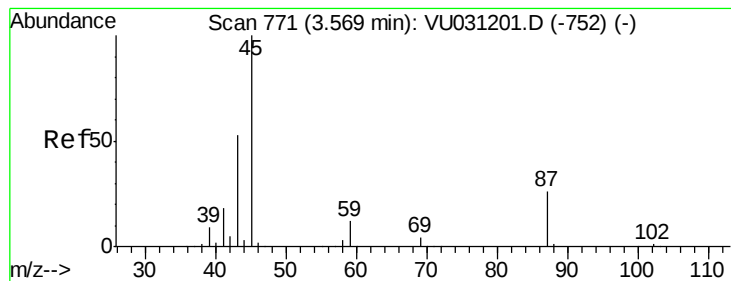
Ion Ratio Lower Upper

117 100

119 92.5 76.2 114.4

121 30.4 23.8 35.8





#31

Isopropyl Ether

Concen: 1.988 ug/l

RT: 3.57 min Scan# 772

Delta R.T. 0.00 min

Lab File: VU031208.D

Acq: 16 Apr 2019 12:12

Instrument :

MSVOA_U

ClientSampleId :

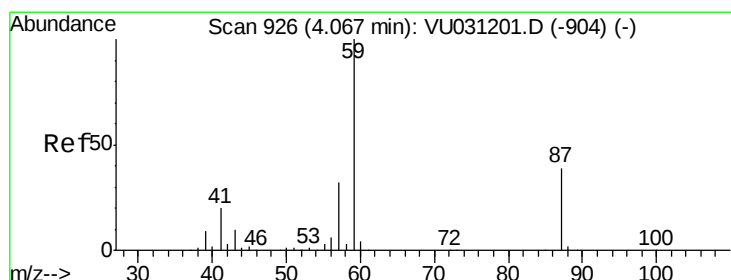
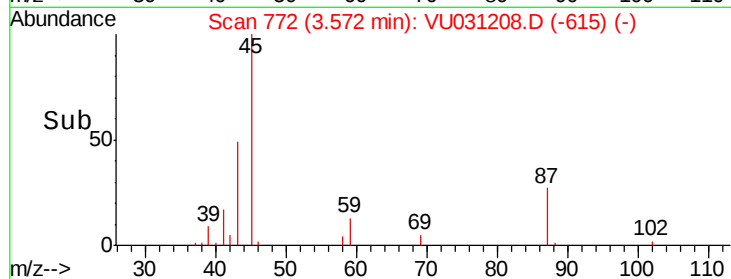
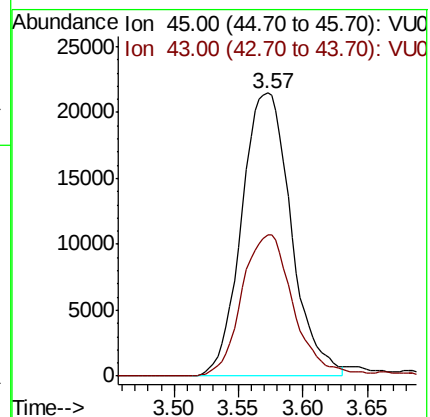
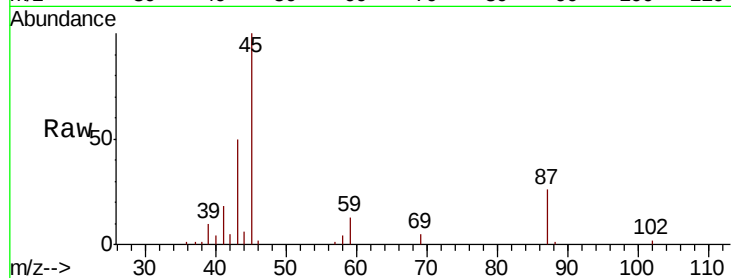
VU0416WBS01

Tgt Ion: 45 Resp: 57360

Ion Ratio Lower Upper

45 100

43 51.6 26.4 79.2



#32

Ethyl-t-butyl ether

Concen: 1.910 ug/l

RT: 4.07 min Scan# 926

Delta R.T. 0.00 min

Lab File: VU031208.D

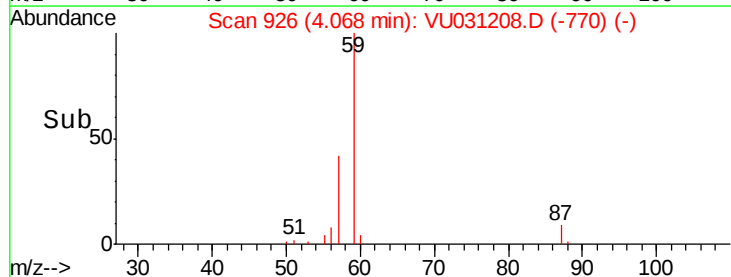
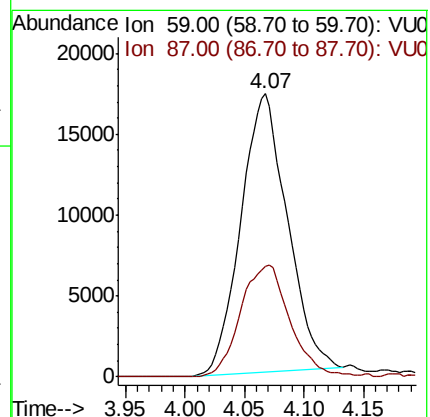
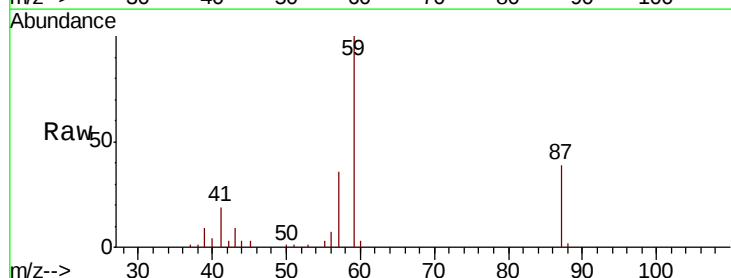
Acq: 16 Apr 2019 12:12

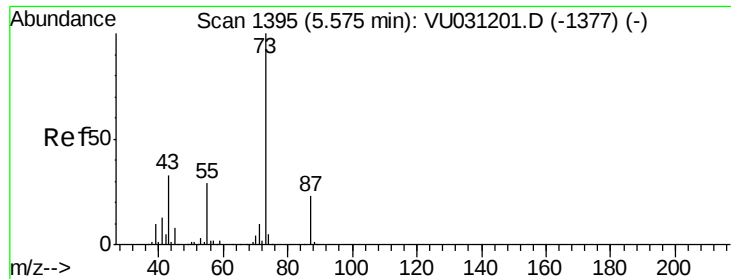
Tgt Ion: 59 Resp: 46732

Ion Ratio Lower Upper

59 100

87 41.7 32.2 48.2

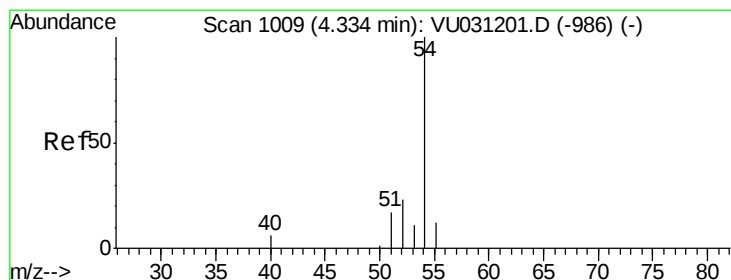
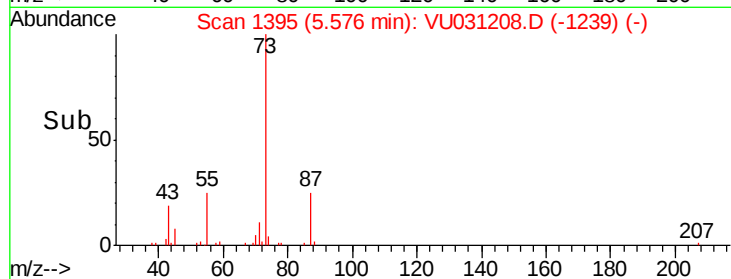
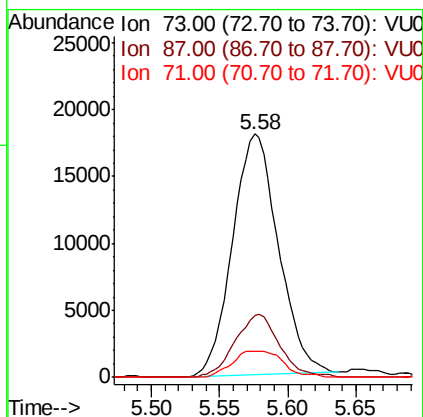
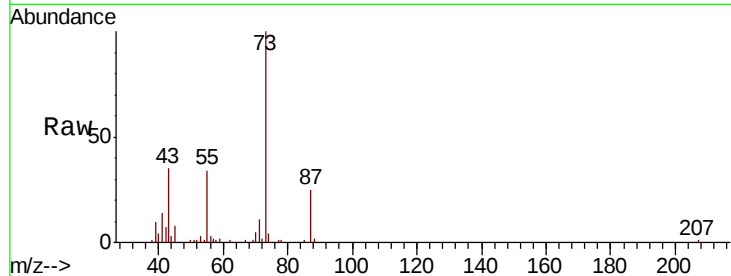




#33
Tert-Amyl methyl ether
Concen: 1.968 ug/l
RT: 5.58 min Scan# 1395
Delta R.T. 0.00 min
Lab File: VU031208.D
Acq: 16 Apr 2019 12:12

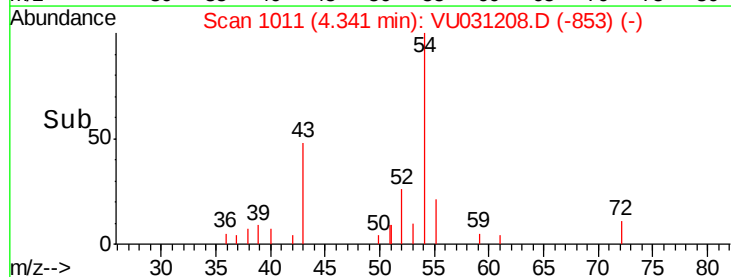
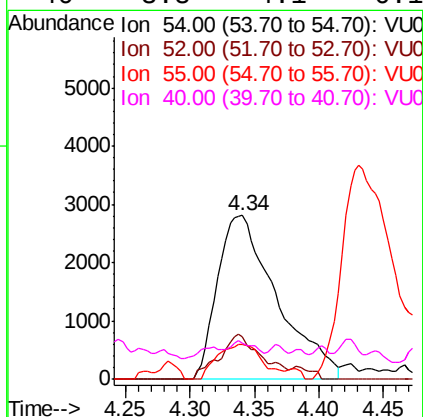
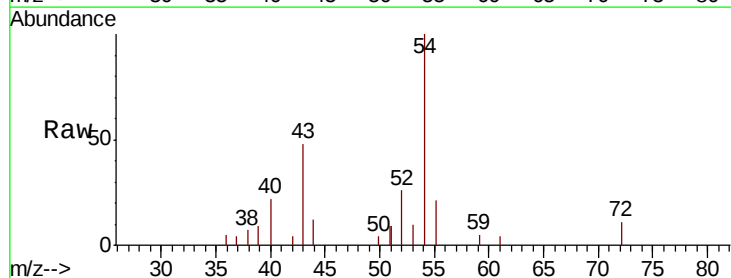
Instrument :
MSVOA_U
ClientSampleId :
VU0416WBS01

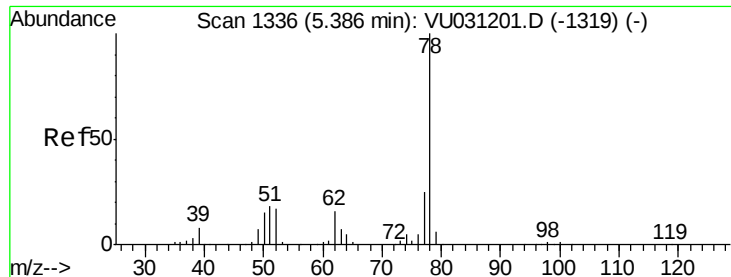
Tgt Ion: 73 Resp: 42139
Ion Ratio Lower Upper
73 100
87 25.3 18.4 27.6
71 12.0 8.8 13.2



#34
Propionitrile
Concen: 10.628 ug/l
RT: 4.34 min Scan# 1011
Delta R.T. 0.01 min
Lab File: VU031208.D
Acq: 16 Apr 2019 12:12

Tgt Ion: 54 Resp: 8986
Ion Ratio Lower Upper
54 100
52 19.4 15.9 23.9
55 15.9 8.9 13.3#
40 3.8 4.1 6.1#





#35

Benzene

Concen: 2.018 ug/l

RT: 5.39 min Scan# 1336

Delta R.T. 0.00 min

Lab File: VU031208.D

Acq: 16 Apr 2019 12:12

Instrument :

MSVOA_U

ClientSampleId :

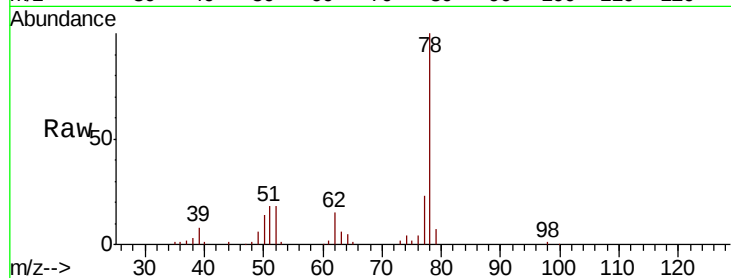
VU0416WBS01

Tgt Ion: 78 Resp: 83318

Ion Ratio Lower Upper

78 100

77 23.3 19.6 29.4



Abundance Ion 78.10 (77.80 to 78.80): VU031201.D (-1319) (-)

Ion 77.00 (76.70 to 77.70): VU031201.D (-1319) (-)

5.39

40000

30000

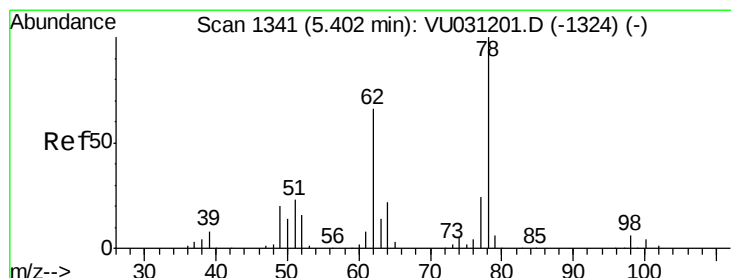
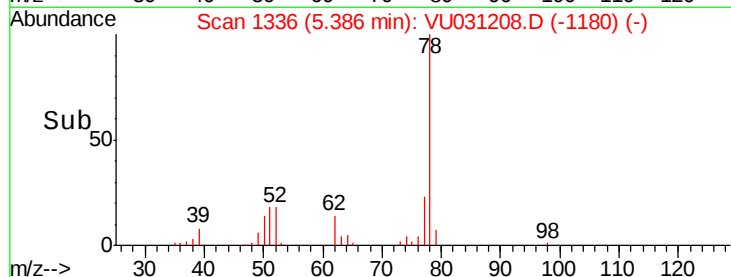
20000

10000

0

5.30 5.40 5.50

Time-->



#36

1,2-Dichloroethane

Concen: 2.033 ug/l

RT: 5.41 min Scan# 1342

Delta R.T. 0.00 min

Lab File: VU031208.D

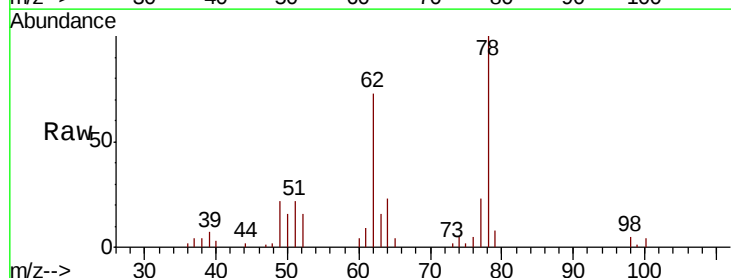
Acq: 16 Apr 2019 12:12

Tgt Ion: 62 Resp: 26714

Ion Ratio Lower Upper

62 100

98 8.1 7.0 10.6



Abundance Ion 62.00 (61.70 to 62.70): VU031201.D (-1324) (-)

Ion 98.00 (97.70 to 98.70): VU031201.D (-1324) (-)

5.41

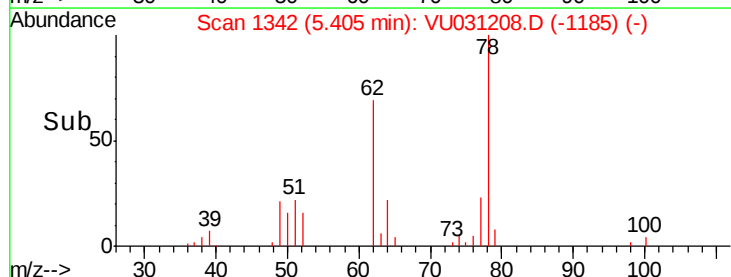
10000

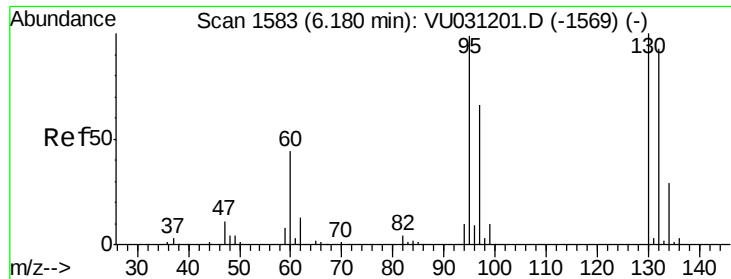
5000

0

5.30 5.40 5.50

Time-->

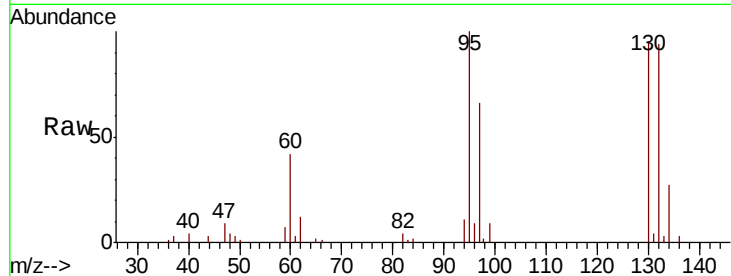




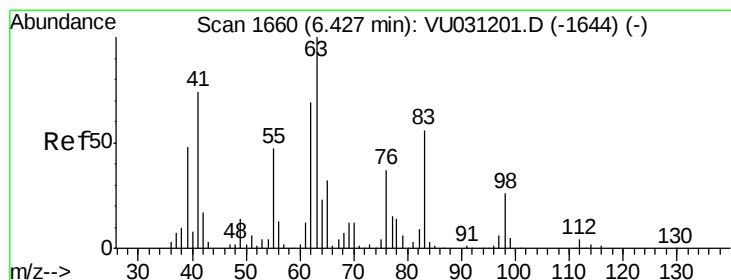
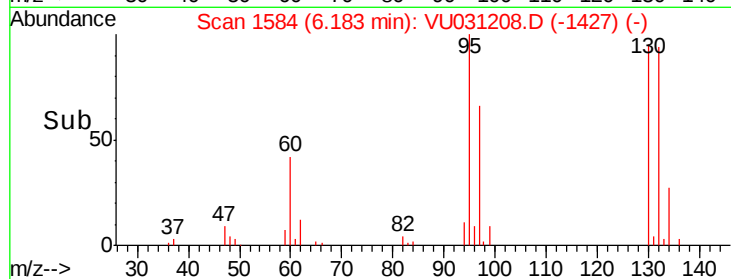
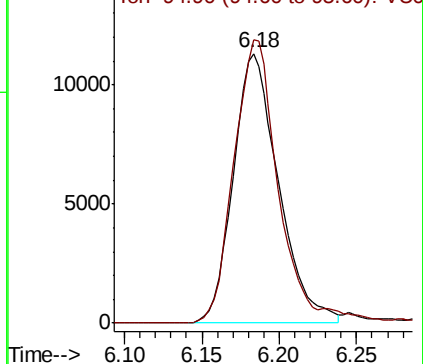
#37
 Trichloroethene
 Concen: 1.986 ug/l
 RT: 6.18 min Scan# 1584
 Delta R.T. 0.00 min
 Lab File: VU031208.D
 Acq: 16 Apr 2019 12:12

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0416WBS01

Tgt Ion: 130 Resp: 22995
 Ion Ratio Lower Upper
 130 100
 95 105.1 79.3 118.9

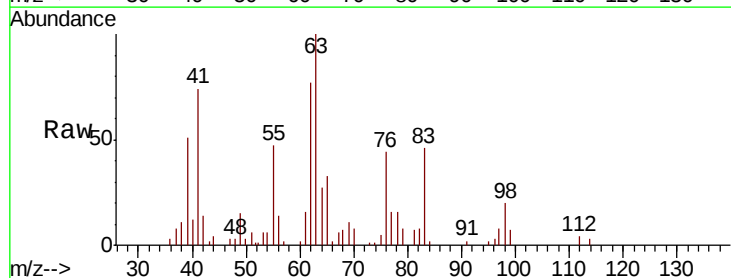


Abundance Ion 129.90 (129.60 to 130.60): VU031201.D (-1569) (-)
 Ion 94.90 (94.60 to 95.60): VU031201.D (-1569) (-)

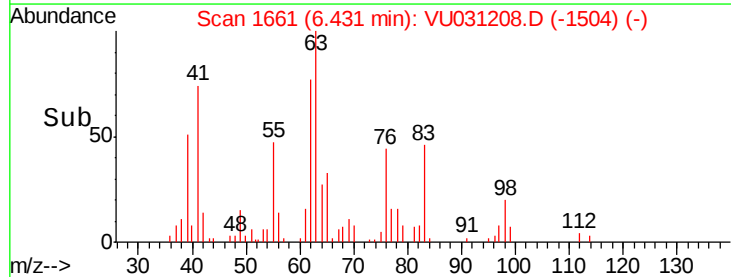
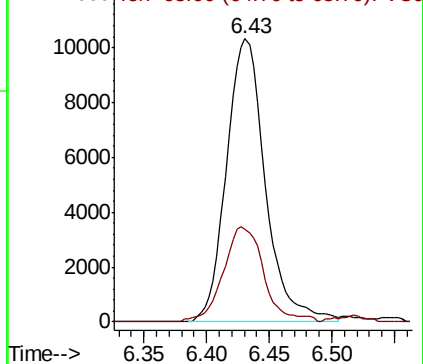


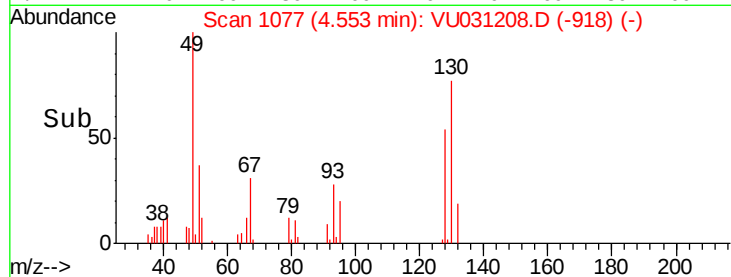
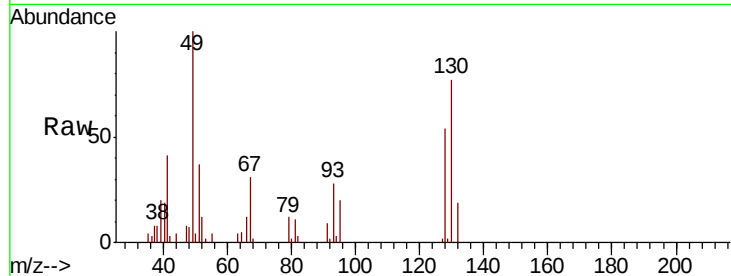
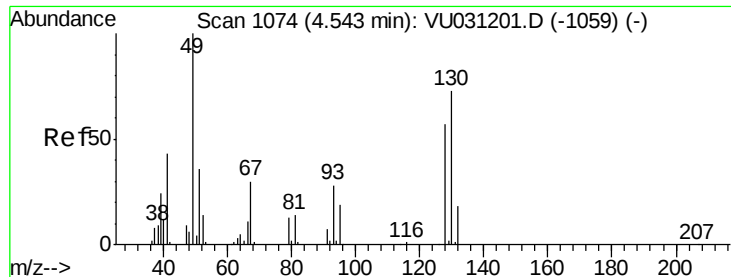
#38
 1,2-Dichloropropane
 Concen: 2.025 ug/l
 RT: 6.43 min Scan# 1661
 Delta R.T. 0.00 min
 Lab File: VU031208.D
 Acq: 16 Apr 2019 12:12

Tgt Ion: 63 Resp: 22271
 Ion Ratio Lower Upper
 63 100
 65 31.8 25.5 38.3



Abundance Ion 63.00 (62.70 to 63.70): VU031201.D (-1644) (-)
 Ion 65.00 (64.70 to 65.70): VU031201.D (-1644) (-)

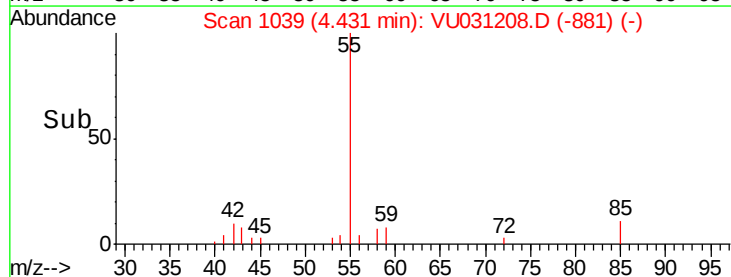
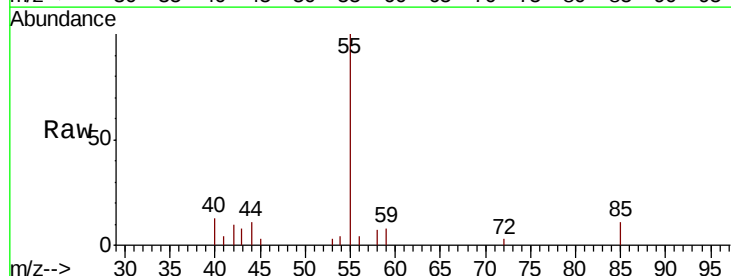
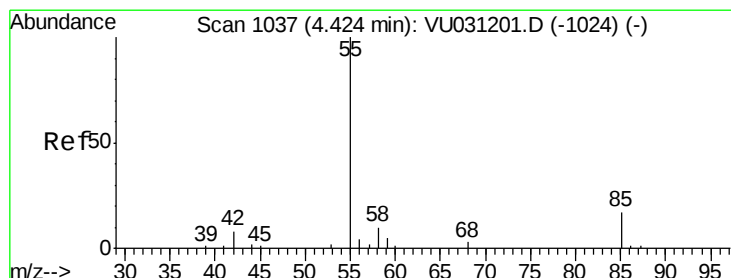
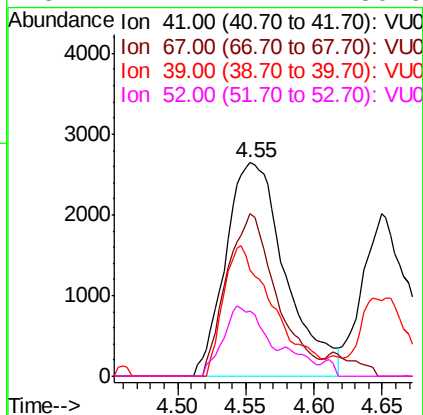




#39
Methacrylonitrile
Concen: 2.118 ug/l
RT: 4.55 min Scan# 1077
Delta R.T. 0.01 min
Lab File: VU031208.D
Acq: 16 Apr 2019 12:12

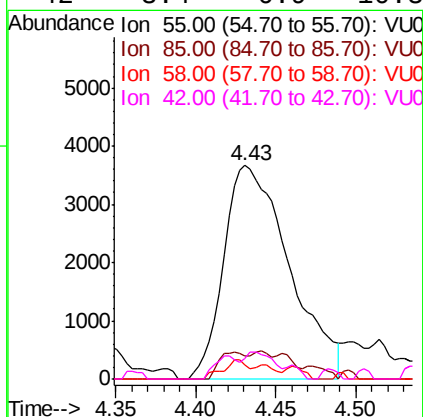
Instrument :
MSVOA_U
ClientSampleId :
VU0416WBS01

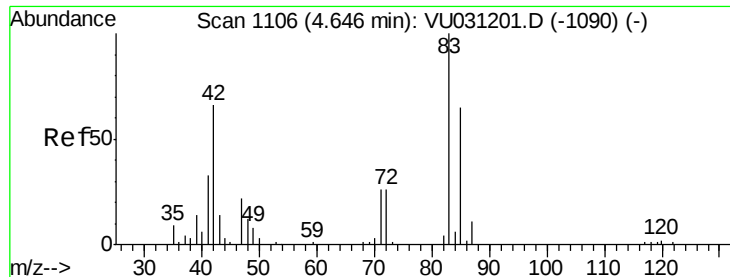
Tgt Ion:	41	Resp:	8064
Ion	Ratio	Lower	Upper
41	100		
67	63.6	59.7	89.5
39	51.9	42.2	63.2
52	22.2	24.4	36.6#



#40
Methyl acrylate
Concen: 2.151 ug/l
RT: 4.43 min Scan# 1039
Delta R.T. 0.01 min
Lab File: VU031208.D
Acq: 16 Apr 2019 12:12

Tgt Ion:	55	Resp:	10317
Ion	Ratio	Lower	Upper
55	100		
85	0.0	12.2	18.2#
58	3.4	7.0	10.6#
42	3.4	6.9	10.3#





#41

Tetrahydrofuran

Concen: 3.942 ug/l

RT: 4.65 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VU031208.D

Acq: 16 Apr 2019 12:12

Instrument :

MSVOA_U

ClientSampleId :

VU0416WBS01

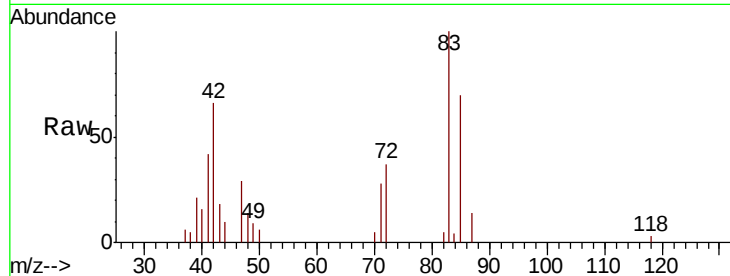
Tgt Ion: 42 Resp: 7666

Ion Ratio Lower Upper

42 100

72 49.4 34.4 51.6

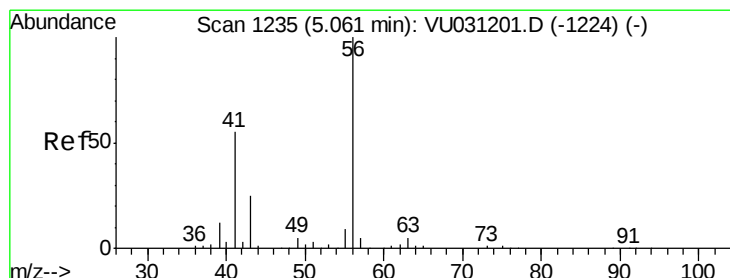
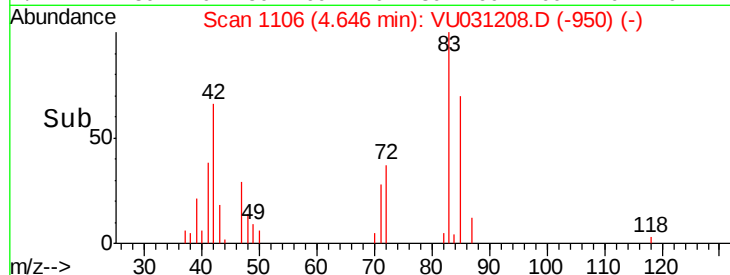
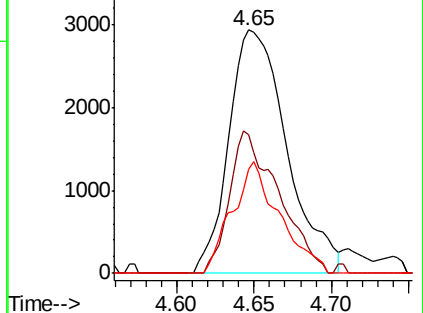
71 37.3 32.0 48.0



Abundance Ion 42.00 (41.70 to 42.70): VU0

Ion 72.00 (71.70 to 72.70): VU0

Ion 71.00 (70.70 to 71.70): VU0



#42

1-Chlorobutane

Concen: 1.947 ug/l

RT: 5.06 min Scan# 1235

Delta R.T. 0.00 min

Lab File: VU031208.D

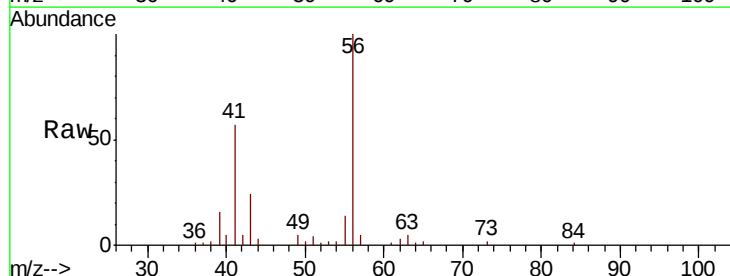
Acq: 16 Apr 2019 12:12

Tgt Ion: 56 Resp: 38468

Ion Ratio Lower Upper

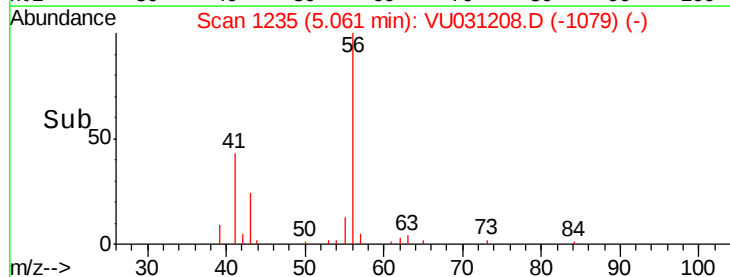
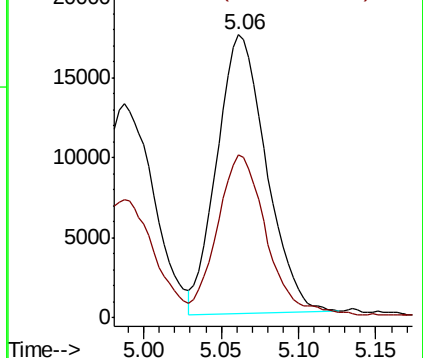
56 100

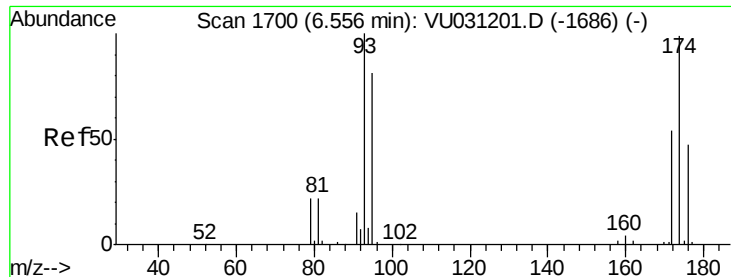
41 58.0 27.3 81.9



Abundance Ion 56.00 (55.70 to 56.70): VU0

Ion 41.00 (40.70 to 41.70): VU0

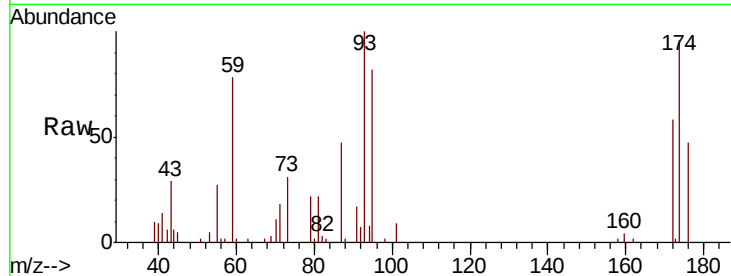




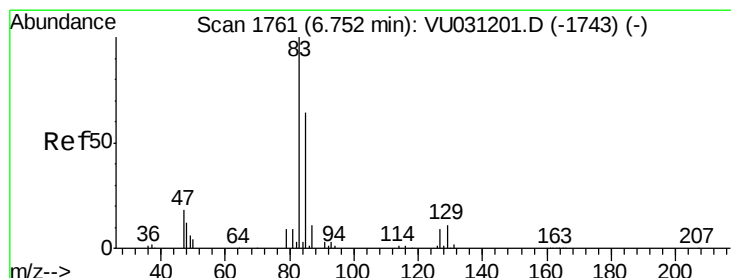
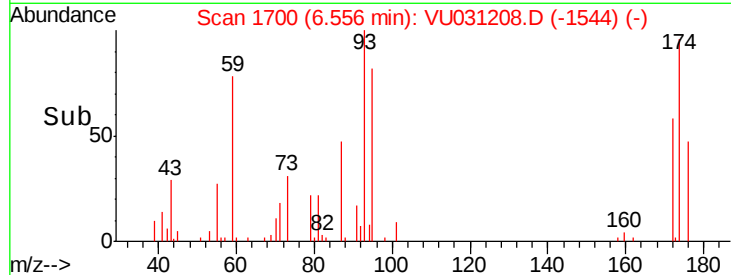
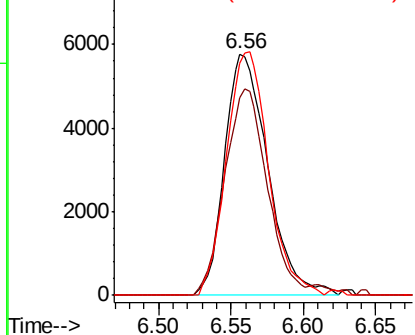
#43
Dibromomethane
Concen: 2.024 ug/l
RT: 6.56 min Scan# 1700
Delta R.T. 0.00 min
Lab File: VU031208.D
Acq: 16 Apr 2019 12:12

Instrument :
MSVOA_U
ClientSampleId :
VU0416WBS01

Tgt Ion: 93 Resp: 11974
Ion Ratio Lower Upper
93 100
95 83.8 67.4 101.0
174 98.0 79.1 118.7

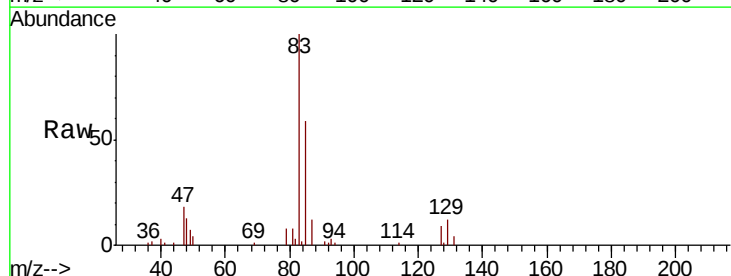


Abundance Ion 93.00 (92.70 to 93.70): VU0
Ion 95.00 (94.70 to 95.70): VU0
Ion 174.00 (173.70 to 174.70): V

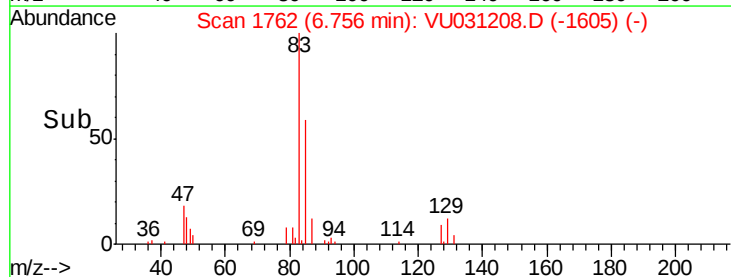
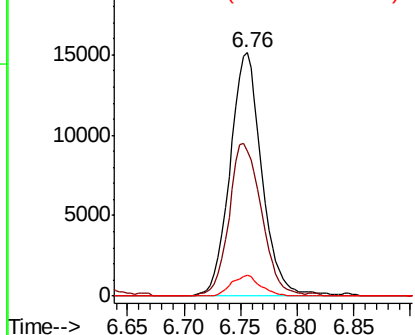


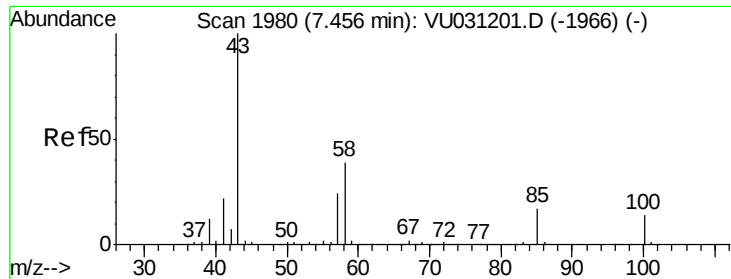
#44
Bromodichloromethane
Concen: 2.082 ug/l
RT: 6.76 min Scan# 1762
Delta R.T. 0.00 min
Lab File: VU031208.D
Acq: 16 Apr 2019 12:12

Tgt Ion: 83 Resp: 29684
Ion Ratio Lower Upper
83 100
85 59.4 51.0 76.6
127 8.8 7.4 11.0



Abundance Ion 83.00 (82.70 to 83.70): VU0
Ion 85.00 (84.70 to 85.70): VU0
Ion 127.00 (126.70 to 127.70): V

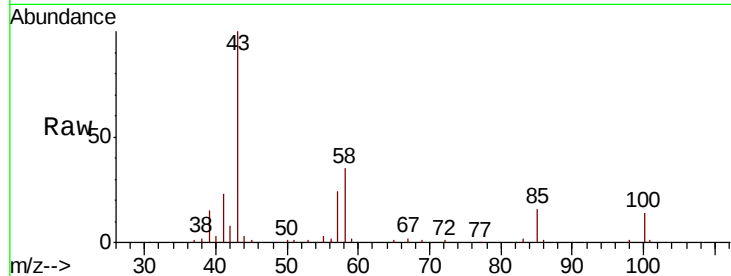




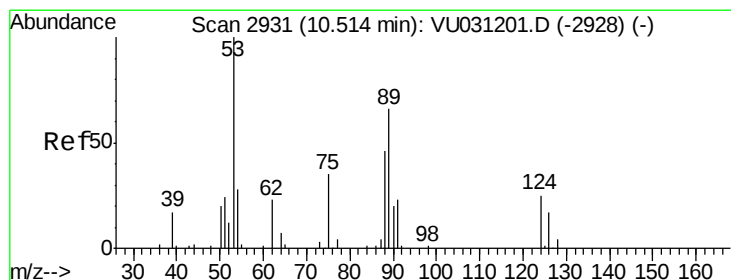
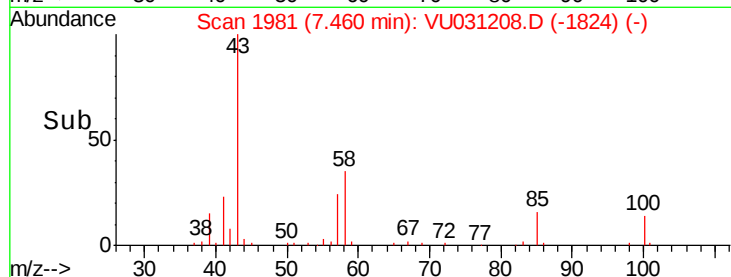
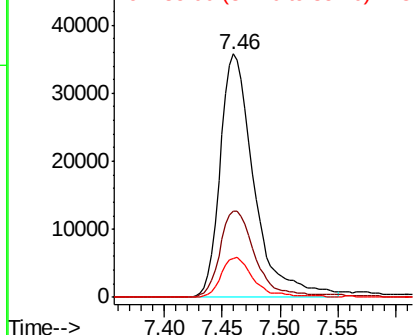
#45
4-Methyl-2-Pentanone
Concen: 10.413 ug/l
RT: 7.46 min Scan# 1981
Delta R.T. 0.00 min
Lab File: VU031208.D
Acq: 16 Apr 2019 12:12

Instrument :
MSVOA_U
ClientSampleId :
VU0416WBS01

Tgt Ion: 43 Resp: 72672
Ion Ratio Lower Upper
43 100
58 36.7 19.4 58.2
85 15.4 13.2 19.8

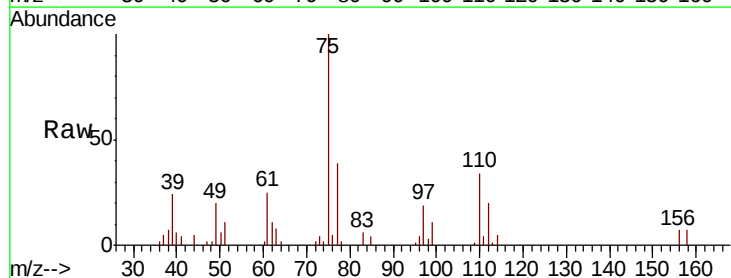


Abundance Ion 43.00 (42.70 to 43.70): VU0
Ion 58.00 (57.70 to 58.70): VU0
Ion 85.00 (84.70 to 85.70): VU0

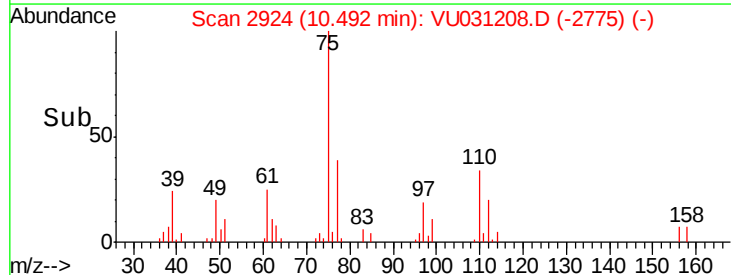
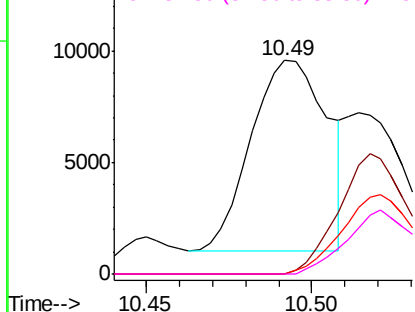


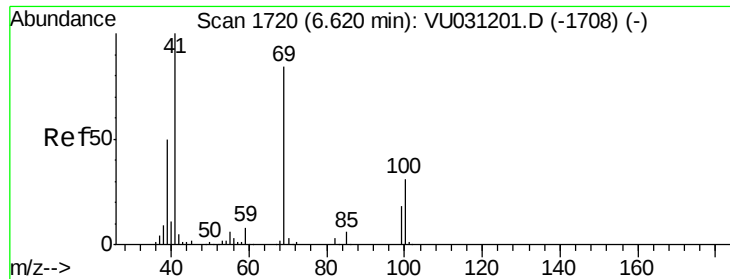
#46
t-1,4-Dichloro-2-butene
Concen: 5.145 ug/l
RT: 10.49 min Scan# 2924
Delta R.T. -0.02 min
Lab File: VU031208.D
Acq: 16 Apr 2019 12:12

Tgt Ion: 75 Resp: 13686
Ion Ratio Lower Upper
75 100
53 60.5 65.2 97.8#
89 40.3 43.0 64.4#
88 31.9 32.5 48.7#



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

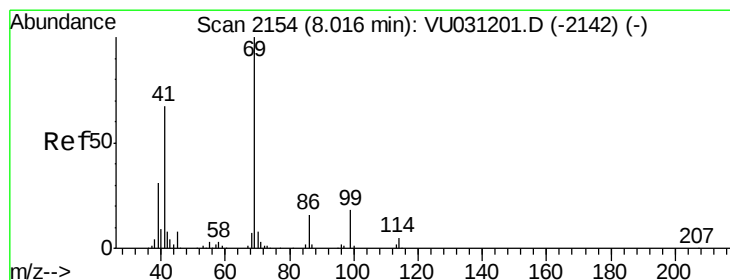
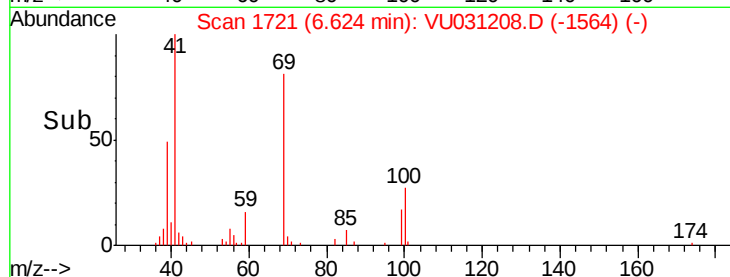
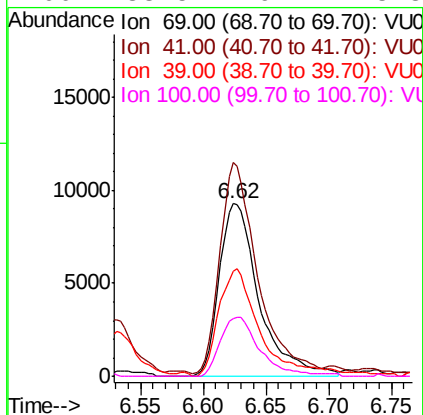
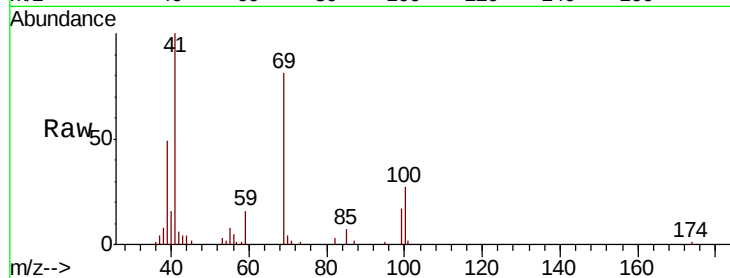




#47
Methyl methacrylate
Concen: 4.092 ug/l
RT: 6.62 min Scan# 1721
Delta R.T. 0.00 min
Lab File: VU031208.D
Acq: 16 Apr 2019 12:12

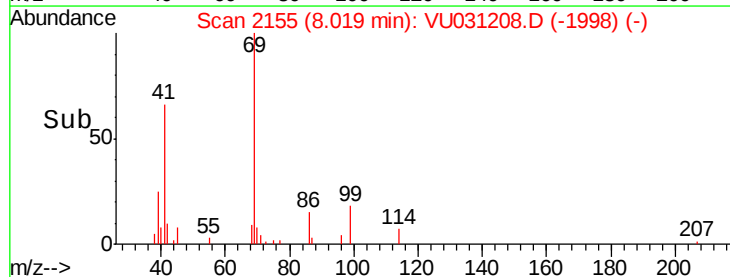
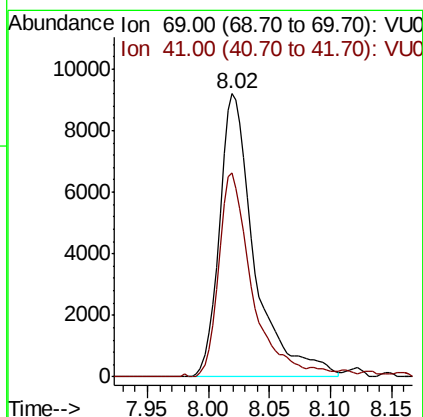
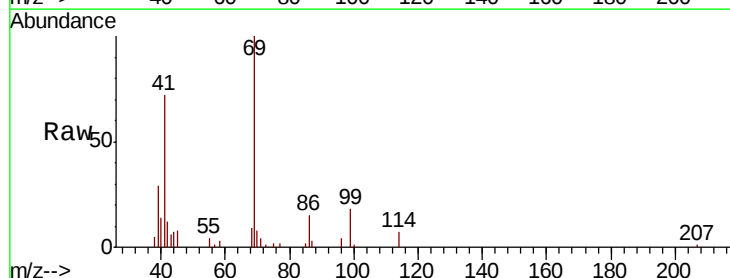
Instrument :
MSVOA_U
ClientSampleId :
VU0416WBS01

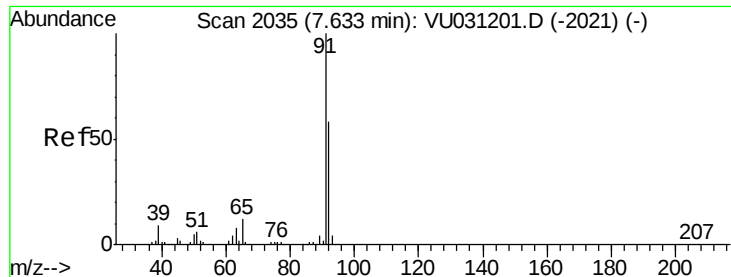
Tgt Ion: 69 Resp: 20432
Ion Ratio Lower Upper
69 100
41 114.9 0.0 237.2
39 64.6 47.4 71.2
100 33.5 29.2 43.8



#48
Ethyl methacrylate
Concen: 2.095 ug/l
RT: 8.02 min Scan# 2155
Delta R.T. 0.00 min
Lab File: VU031208.D
Acq: 16 Apr 2019 12:12

Tgt Ion: 69 Resp: 18550
Ion Ratio Lower Upper
69 100
41 67.1 32.5 97.5





#49

Toluene

Concen: 2.097 ug/l

RT: 7.63 min Scan# 2035

Delta R.T. 0.00 min

Lab File: VU031208.D

Acq: 16 Apr 2019 12:12

Instrument :

MSVOA_U

ClientSampleId :

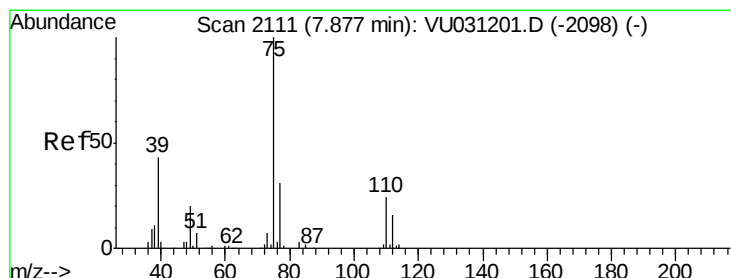
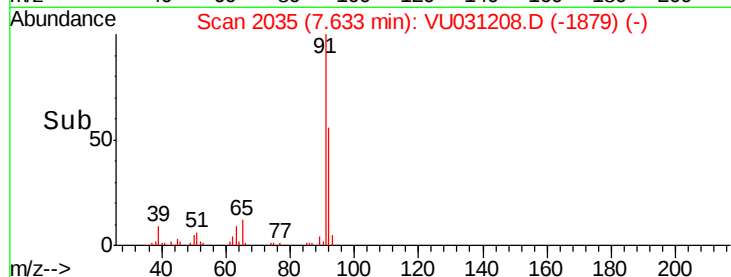
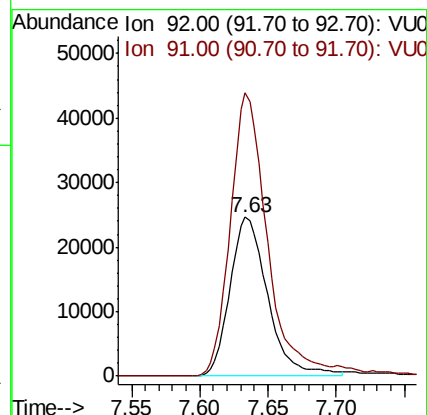
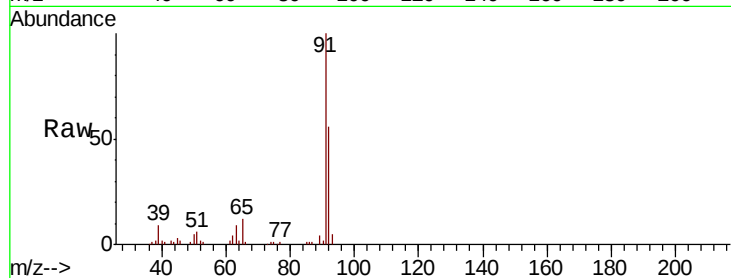
VU0416WBS01

Tgt Ion: 92 Resp: 47529

Ion Ratio Lower Upper

92 100

91 172.3 140.2 210.4



#50

t-1,3-Dichloropropene

Concen: 2.078 ug/l

RT: 7.88 min Scan# 2112

Delta R.T. 0.00 min

Lab File: VU031208.D

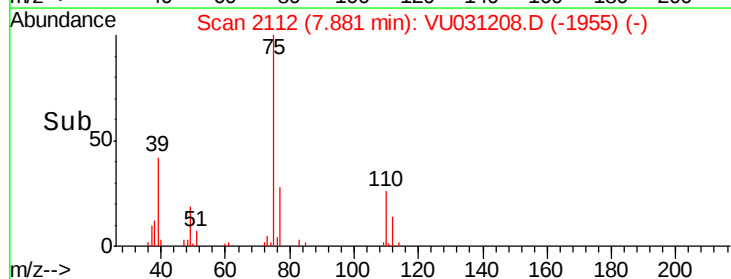
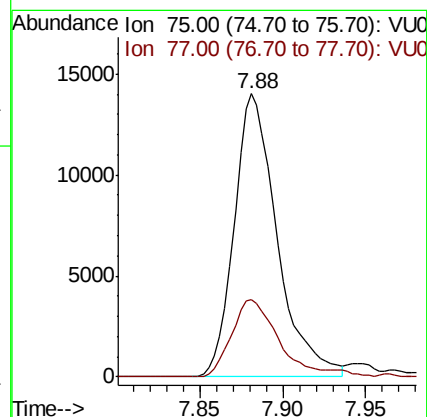
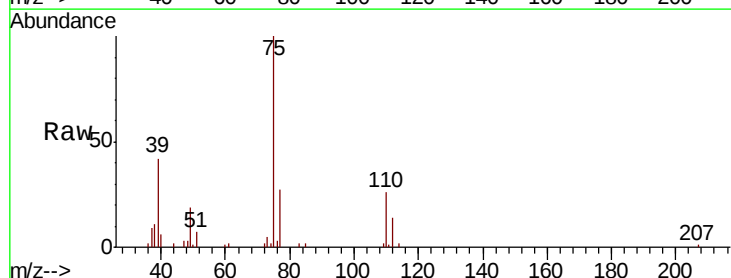
Acq: 16 Apr 2019 12:12

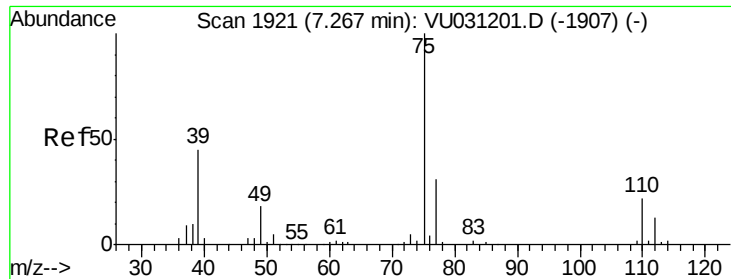
Tgt Ion: 75 Resp: 25268

Ion Ratio Lower Upper

75 100

77 27.3 24.6 37.0



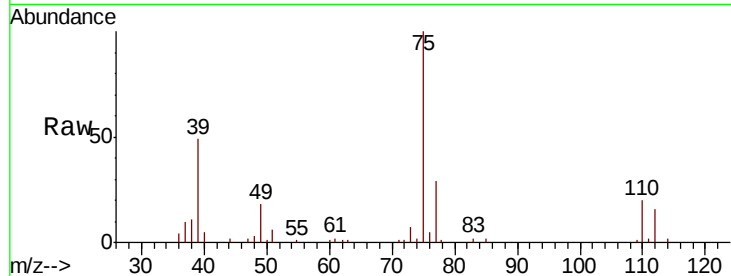


#51

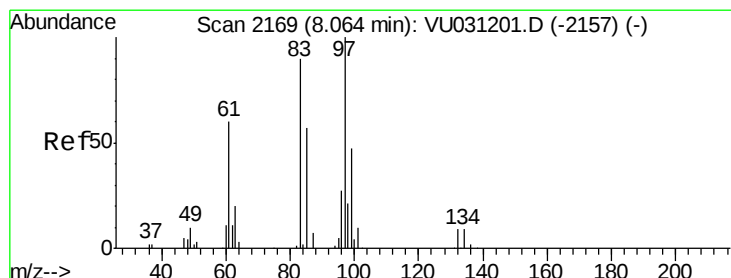
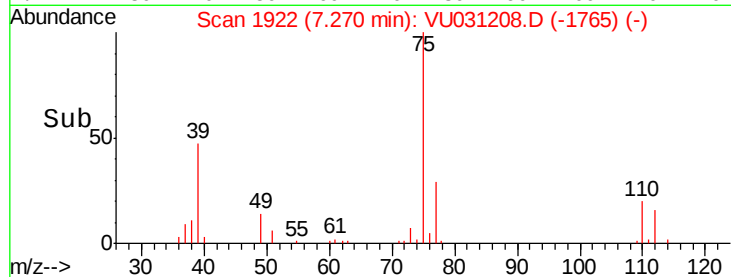
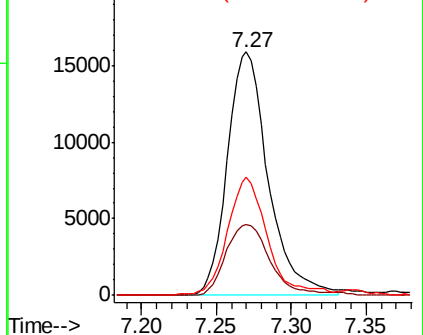
cis-1,3-Dichloropropene
Concen: 2.105 ug/l
RT: 7.27 min Scan# 1922
Delta R.T. 0.00 min
Lab File: VU031208.D
Acq: 16 Apr 2019 12:12

Instrument :
MSVOA_U
ClientSampleId :
VU0416WBS01

Tgt Ion: 75 Resp: 30260
Ion Ratio Lower Upper
75 100
77 29.2 24.6 37.0
39 47.9 36.1 54.1



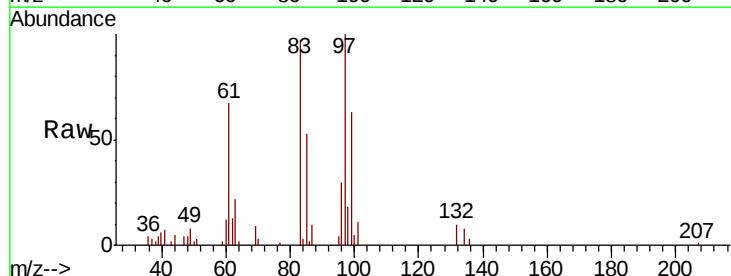
Abundance Ion 75.00 (74.70 to 75.70): VU0
Ion 77.00 (76.70 to 77.70): VU0
Ion 39.00 (38.70 to 39.70): VU0



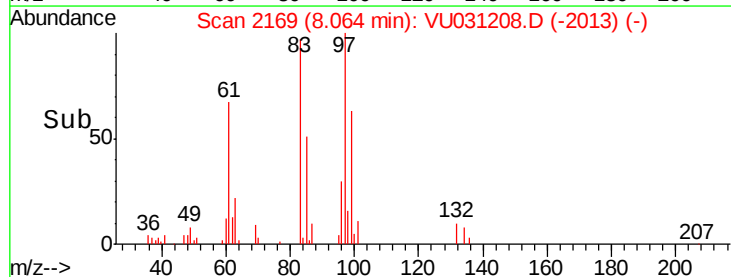
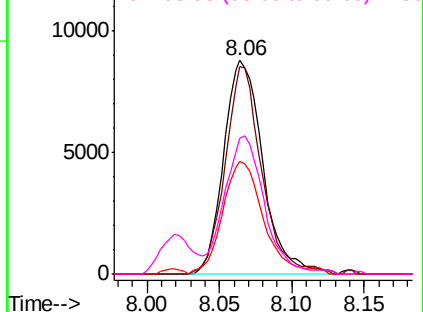
#52

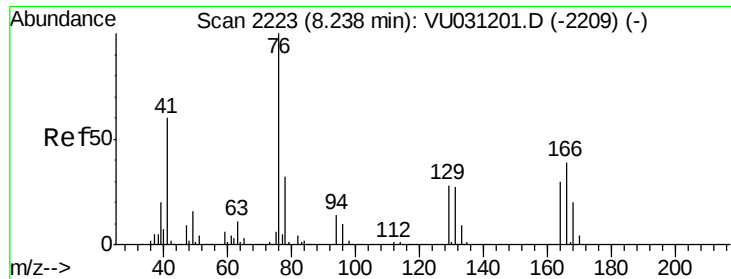
1,1,2-Trichloroethane
Concen: 2.059 ug/l
RT: 8.06 min Scan# 2169
Delta R.T. 0.00 min
Lab File: VU031208.D
Acq: 16 Apr 2019 12:12

Tgt Ion: 97 Resp: 16434
Ion Ratio Lower Upper
97 100
83 96.8 71.5 107.3
85 52.7 46.7 70.1
99 63.4 51.0 76.6



Abundance Ion 97.00 (96.70 to 97.70): VU0
Ion 82.95 (82.65 to 83.65): VU0
Ion 84.95 (84.65 to 85.65): VU0
Ion 98.95 (98.65 to 99.65): VU0

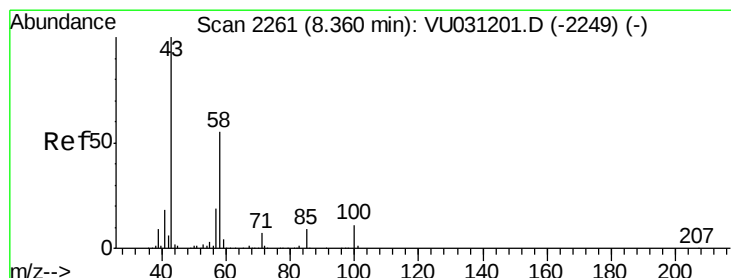
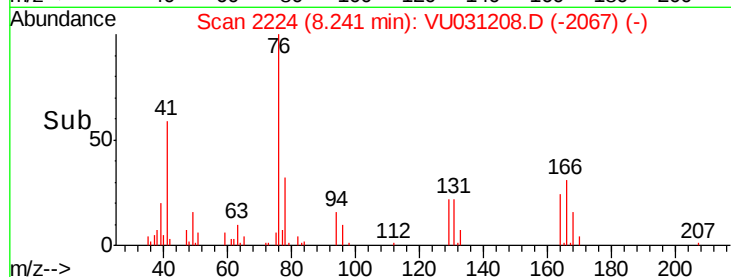
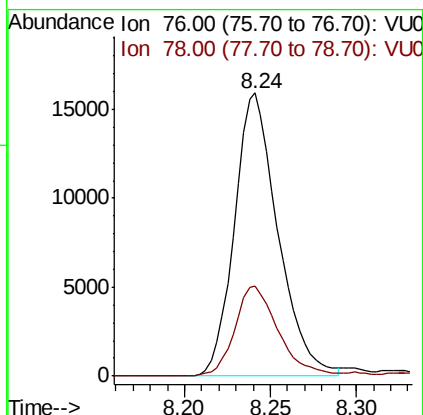
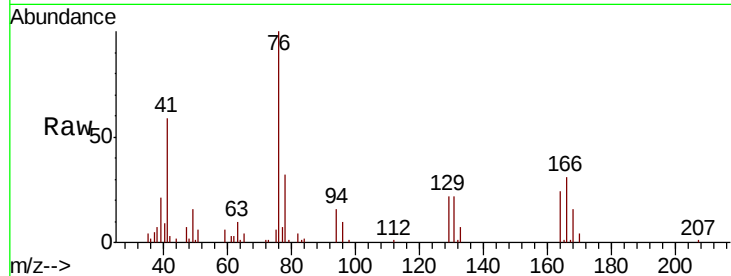




#53
 1,3-Dichloropropane
 Concen: 2.072 ug/l
 RT: 8.24 min Scan# 2224
 Delta R.T. 0.00 min
 Lab File: VU031208.D
 Acq: 16 Apr 2019 12:12

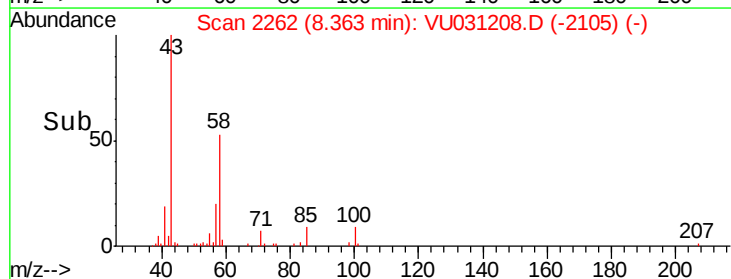
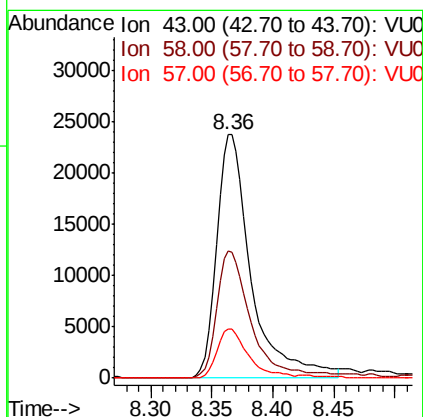
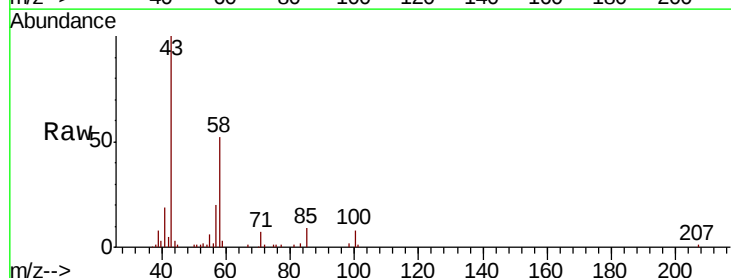
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0416WBS01

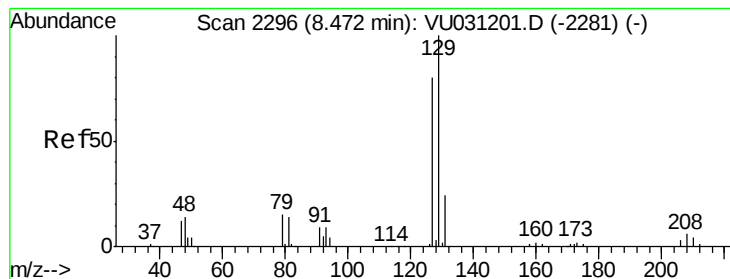
Tgt Ion: 76 Resp: 28087
 Ion Ratio Lower Upper
 76 100
 78 31.7 25.3 37.9



#54
 2-Hexanone
 Concen: 10.031 ug/l
 RT: 8.36 min Scan# 2262
 Delta R.T. 0.00 min
 Lab File: VU031208.D
 Acq: 16 Apr 2019 12:12

Tgt Ion: 43 Resp: 47248
 Ion Ratio Lower Upper
 43 100
 58 51.9 35.5 75.5
 57 18.3 0.0 38.7





#55

Dibromochloromethane

Concen: 2.000 ug/l

RT: 8.47 min Scan# 2296

Delta R.T. 0.00 min

Lab File: VU031208.D

Acq: 16 Apr 2019 12:12

Instrument :

MSVOA_U

ClientSampleId :

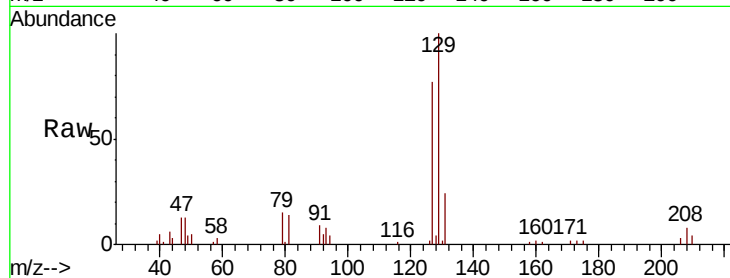
VU0416WBS01

Tgt Ion:129 Resp: 18928

Ion Ratio Lower Upper

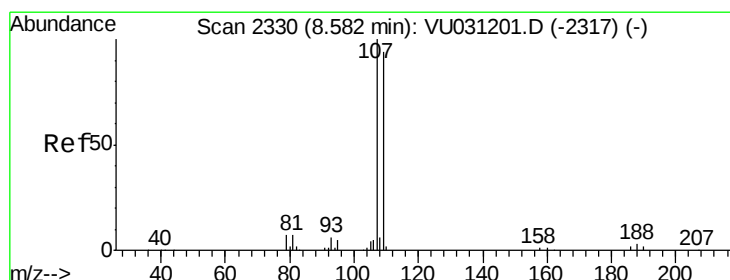
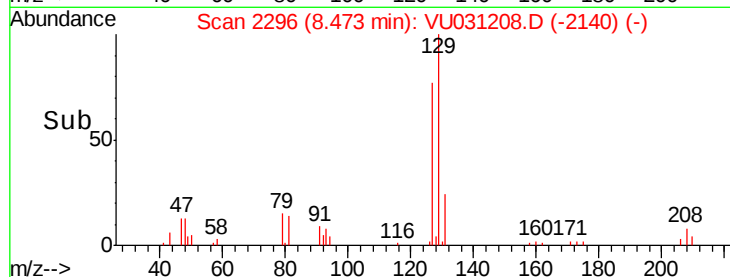
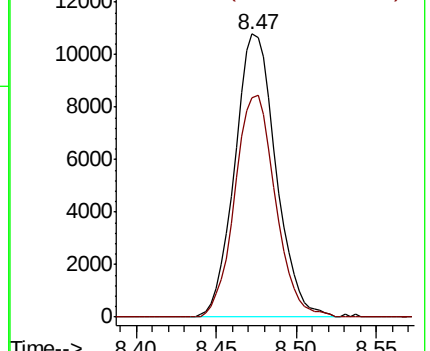
129 100

127 77.2 62.2 93.2



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#56

1,2-Dibromoethane

Concen: 2.154 ug/l

RT: 8.59 min Scan# 2331

Delta R.T. 0.00 min

Lab File: VU031208.D

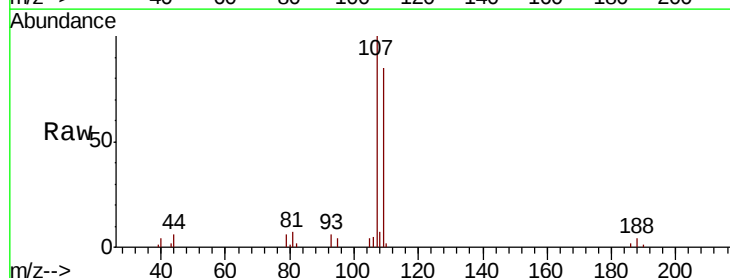
Acq: 16 Apr 2019 12:12

Tgt Ion:107 Resp: 15981

Ion Ratio Lower Upper

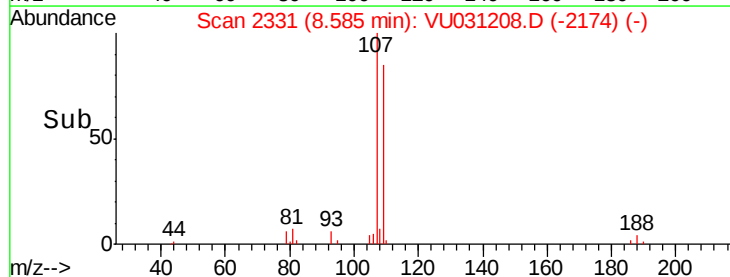
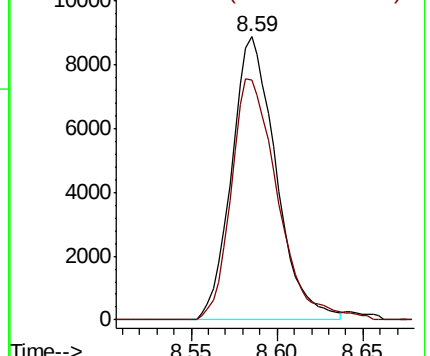
107 100

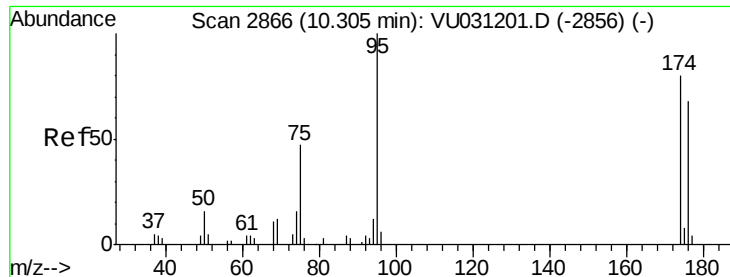
109 89.3 0.0 189.0



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

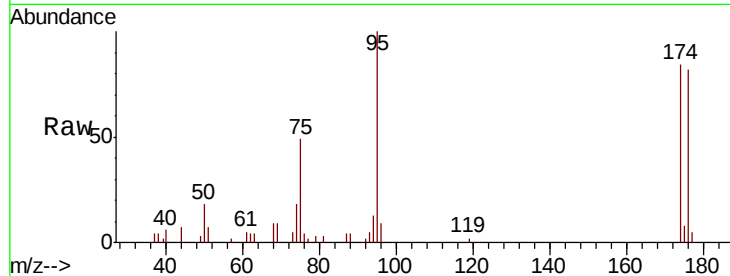




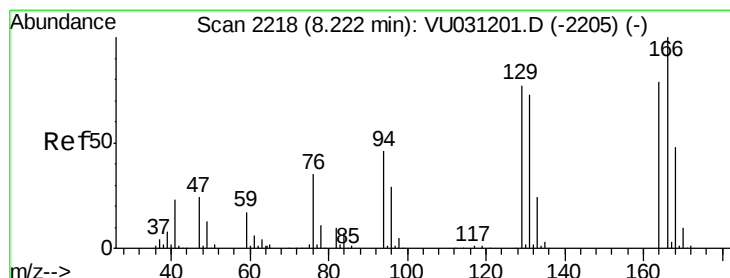
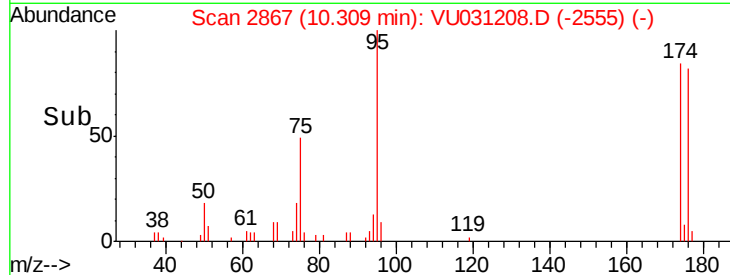
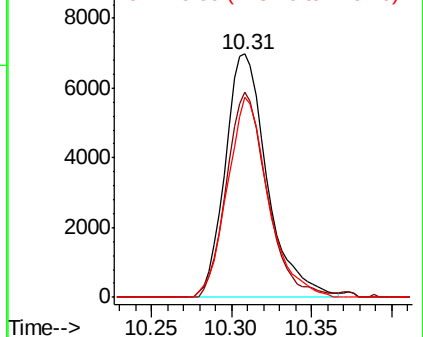
#57
4-Bromofluorobenzene
Concen: 2.154 ug/l
RT: 10.31 min Scan# 2867
Delta R.T. 0.00 min
Lab File: VU031208.D
Acq: 16 Apr 2019 12:12

Instrument :
MSVOA_U
ClientSampleId :
VU0416WBS01

Tgt Ion: 95 Resp: 12506
Ion Ratio Lower Upper
95 100
174 81.5 64.2 96.2
176 79.7 58.0 87.0

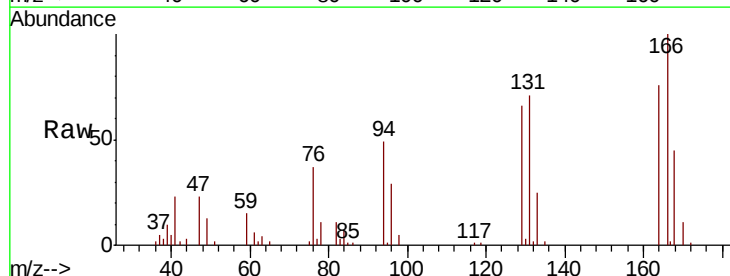


Abundance Ion 95.00 (94.70 to 95.70): VU031201.D (-2856) (-)
Ion 174.00 (173.70 to 174.70): VU031201.D (-2856) (-)
Ion 176.00 (175.70 to 176.70): VU031201.D (-2856) (-)

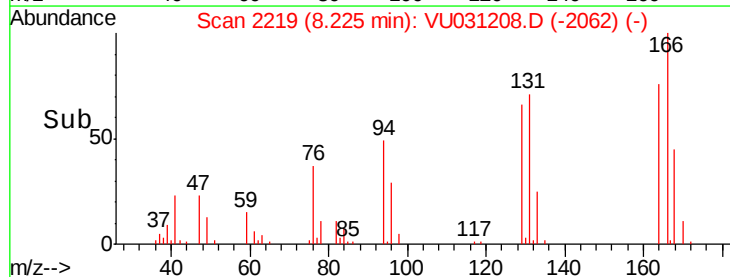
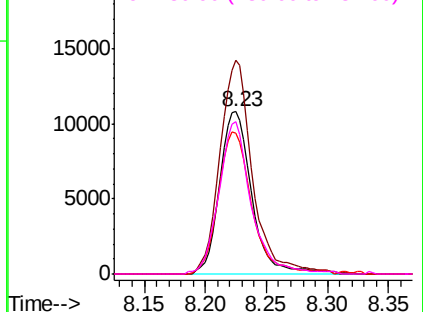


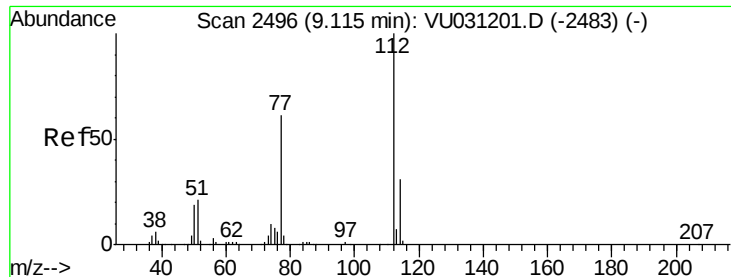
#58
Tetrachloroethene
Concen: 2.032 ug/l
RT: 8.23 min Scan# 2219
Delta R.T. 0.00 min
Lab File: VU031208.D
Acq: 16 Apr 2019 12:12

Tgt Ion: 164 Resp: 20002
Ion Ratio Lower Upper
164 100
166 131.6 100.9 151.3
129 87.1 77.6 116.4
131 92.7 73.5 110.3



Abundance Ion 163.85 (163.55 to 164.55): VU031201.D (-2205) (-)
Ion 165.80 (165.50 to 166.50): VU031201.D (-2205) (-)
Ion 128.90 (128.60 to 129.60): VU031201.D (-2205) (-)
Ion 130.90 (130.60 to 131.60): VU031201.D (-2205) (-)





#59

Chlorobenzene

Concen: 2.076 ug/l

RT: 9.12 min Scan# 2497

Delta R.T. 0.00 min

Lab File: VU031208.D

Acq: 16 Apr 2019 12:12

Instrument :

MSVOA_U

ClientSampleId :

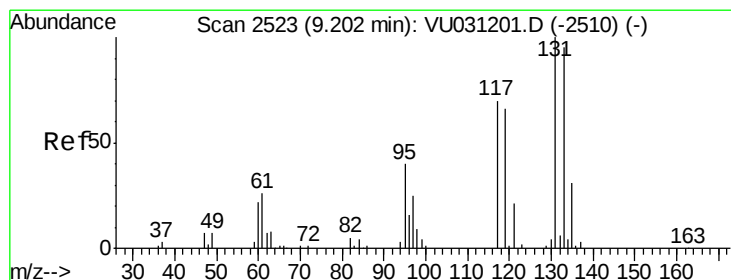
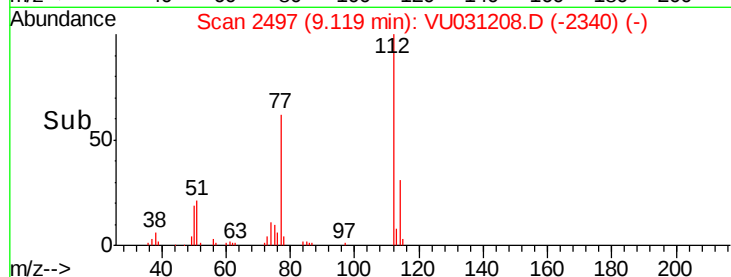
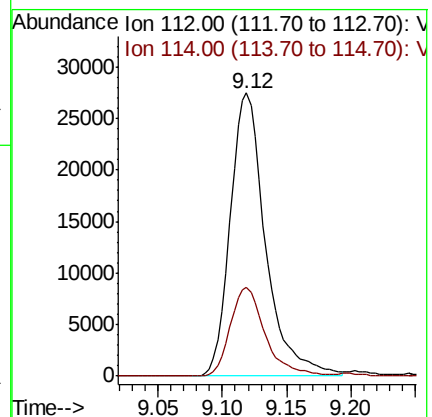
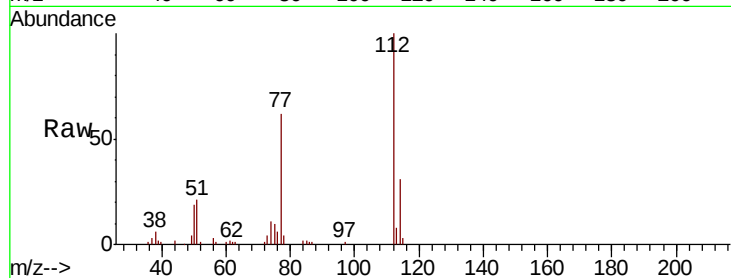
VU0416WBS01

Tgt Ion:112 Resp: 52247

Ion Ratio Lower Upper

112 100

114 31.2 24.4 36.6



#60

1,1,1,2-Tetrachloroethane

Concen: 2.093 ug/l

RT: 9.20 min Scan# 2523

Delta R.T. 0.00 min

Lab File: VU031208.D

Acq: 16 Apr 2019 12:12

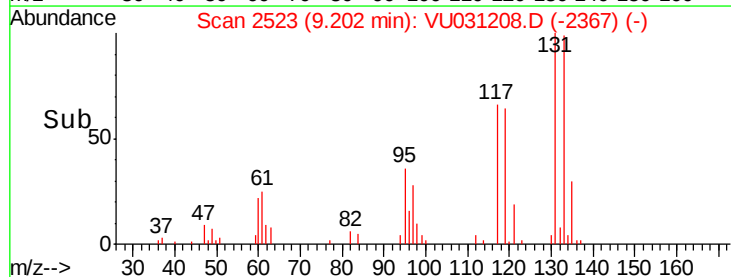
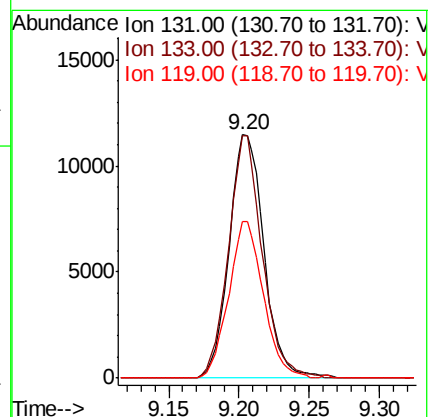
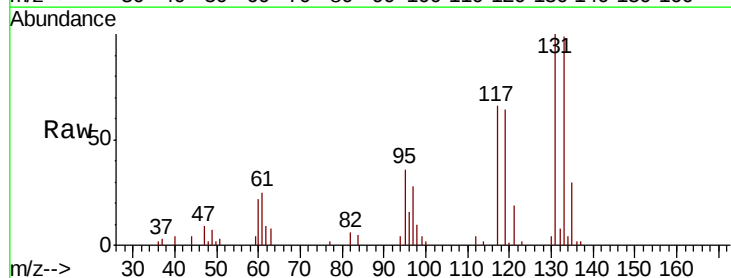
Tgt Ion:131 Resp: 19746

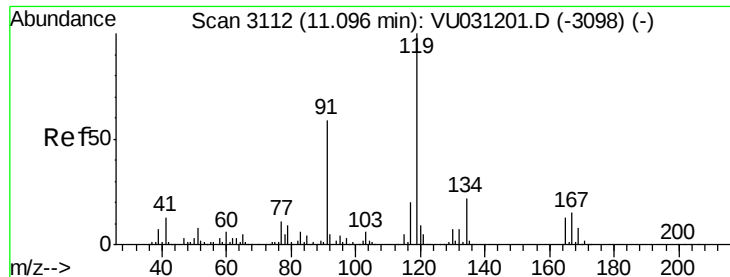
Ion Ratio Lower Upper

131 100

133 96.7 77.2 115.8

119 64.3 51.4 77.2

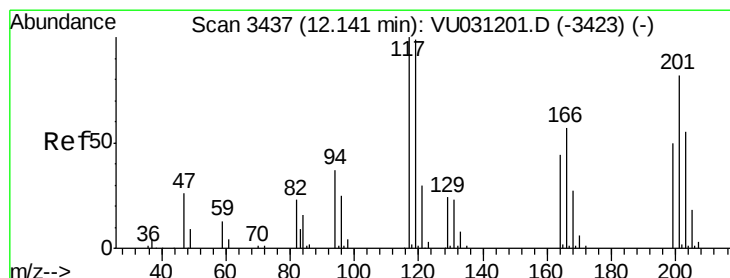
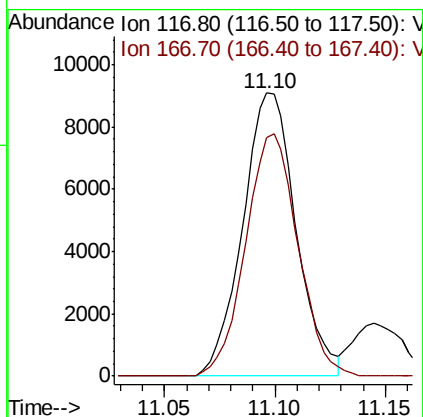
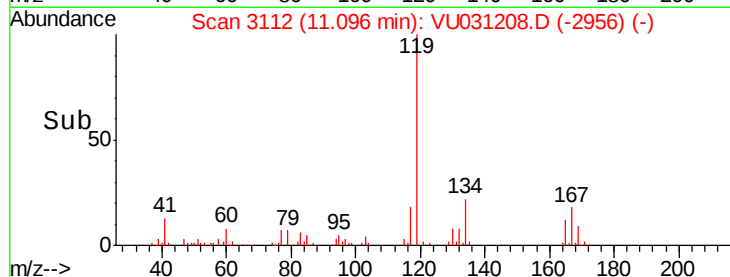
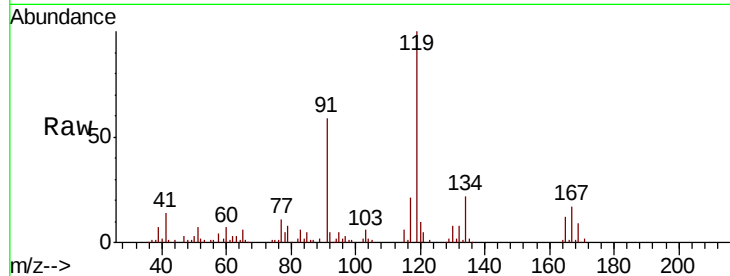




#61
 Pentachloroethane
 Concen: 2.085 ug/l
 RT: 11.10 min Scan# 3112
 Delta R.T. 0.00 min
 Lab File: VU031208.D
 Acq: 16 Apr 2019 12:12

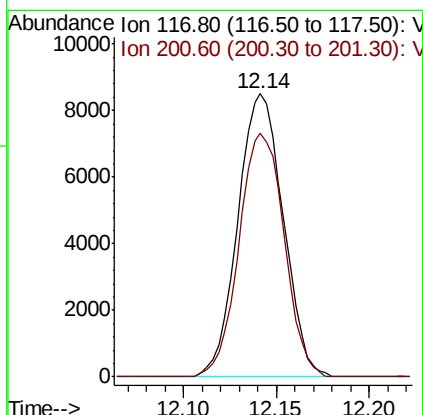
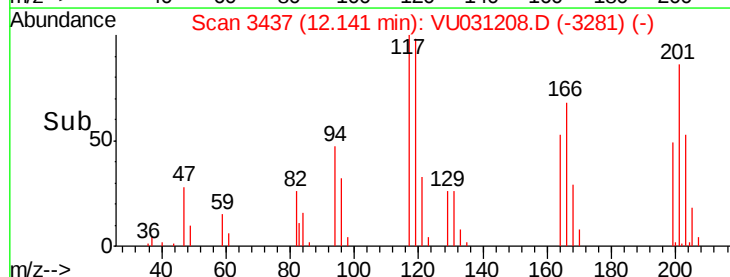
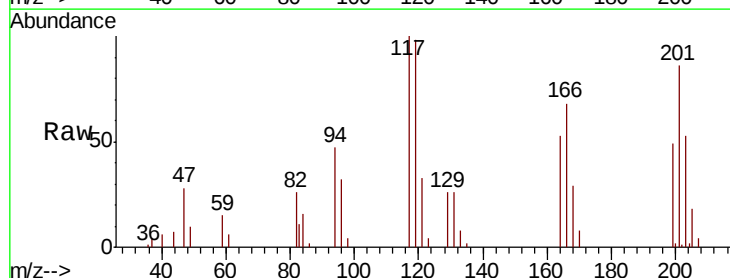
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0416WBS01

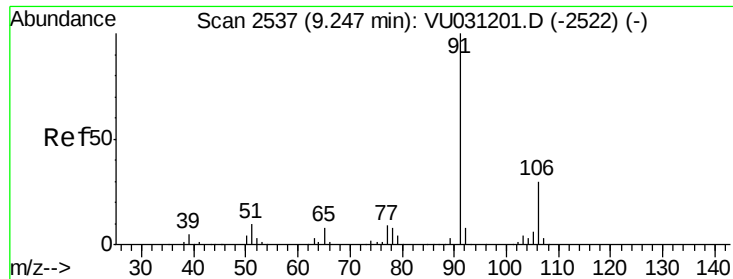
Tgt Ion:117 Resp: 15306
 Ion Ratio Lower Upper
 117 100
 167 83.8 63.1 94.7



#62
 Hexachloroethane
 Concen: 2.035 ug/l
 RT: 12.14 min Scan# 3437
 Delta R.T. 0.00 min
 Lab File: VU031208.D
 Acq: 16 Apr 2019 12:12

Tgt Ion:117 Resp: 14438
 Ion Ratio Lower Upper
 117 100
 201 85.8 63.9 95.9

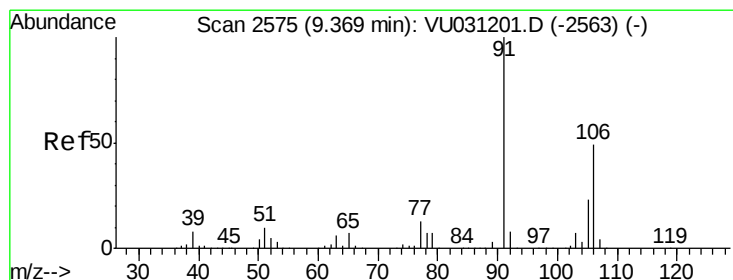
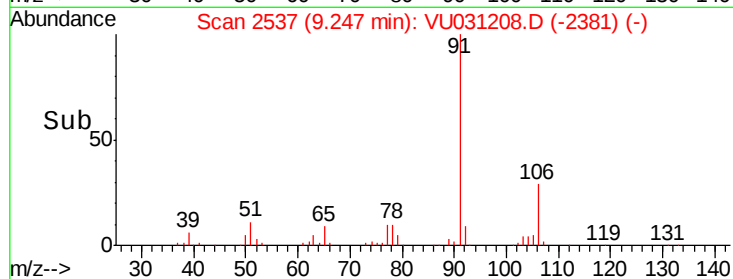
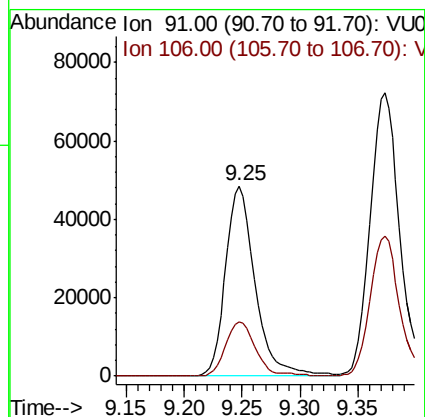
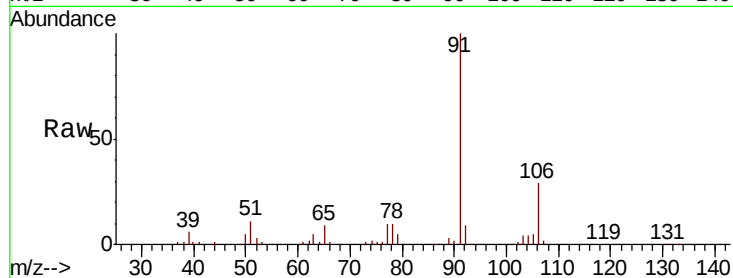




#63
Ethyl Benzene
Concen: 2.138 ug/l
RT: 9.25 min Scan# 2537
Delta R.T. 0.00 min
Lab File: VU031208.D
Acq: 16 Apr 2019 12:12

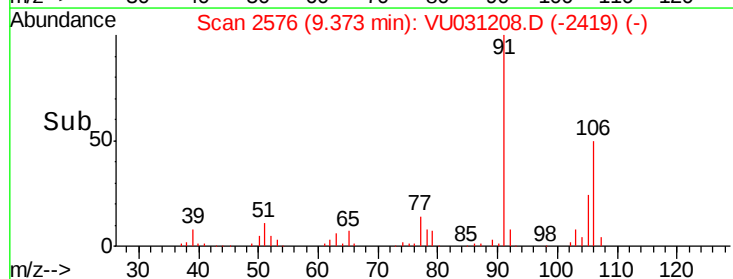
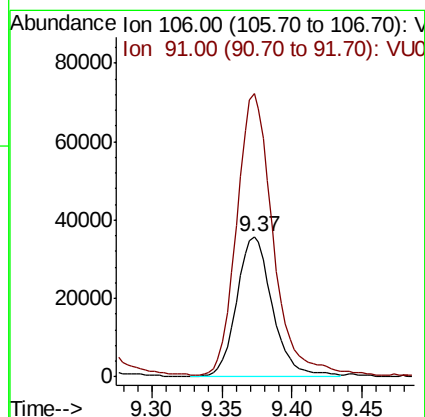
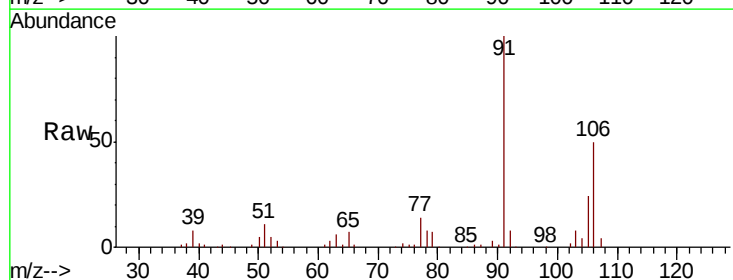
Instrument :
MSVOA_U
ClientSampleId :
VU0416WBS01

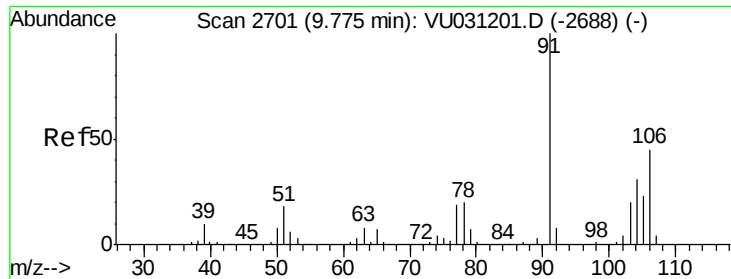
Tgt Ion: 91 Resp: 85873
Ion Ratio Lower Upper
91 100
106 28.5 24.3 36.5



#64
m/p-Xylenes
Concen: 4.178 ug/l
RT: 9.37 min Scan# 2576
Delta R.T. 0.00 min
Lab File: VU031208.D
Acq: 16 Apr 2019 12:12

Tgt Ion: 106 Resp: 63885
Ion Ratio Lower Upper
106 100
91 203.3 165.7 248.5





#65

o-Xylene

Concen: 2.013 ug/l

RT: 9.77 min Scan# 2701

Delta R.T. 0.00 min

Lab File: VU031208.D

Acq: 16 Apr 2019 12:12

Instrument :

MSVOA_U

ClientSampleId :

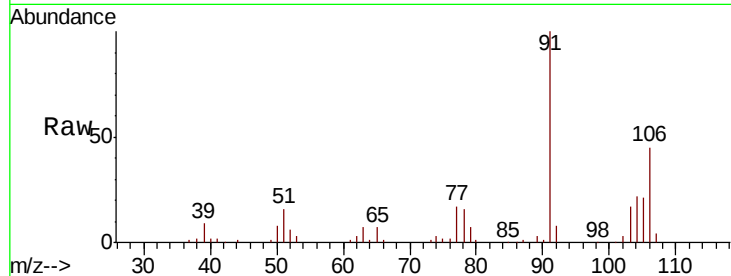
VU0416WBS01

Tgt Ion:106 Resp: 29460

Ion Ratio Lower Upper

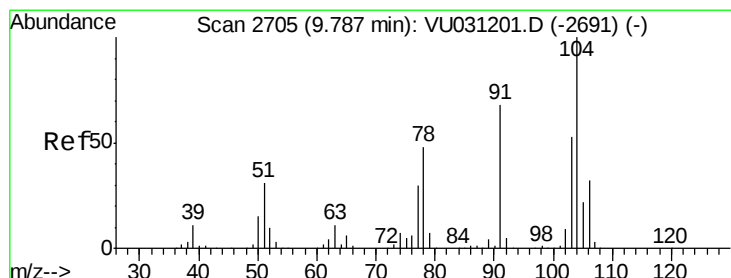
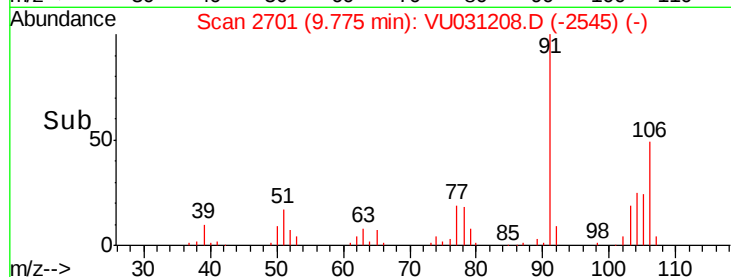
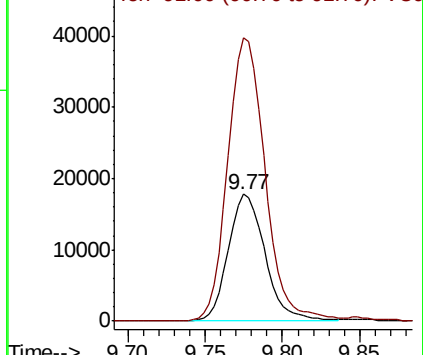
106 100

91 226.3 111.3 333.8



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VU0



#66

Styrene

Concen: 2.064 ug/l

RT: 9.79 min Scan# 2706

Delta R.T. 0.00 min

Lab File: VU031208.D

Acq: 16 Apr 2019 12:12

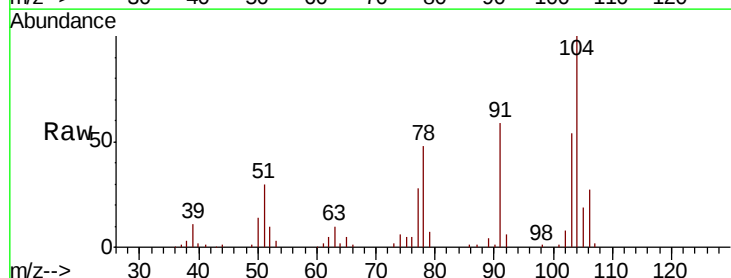
Tgt Ion:104 Resp: 52065

Ion Ratio Lower Upper

104 100

78 52.5 41.4 62.0

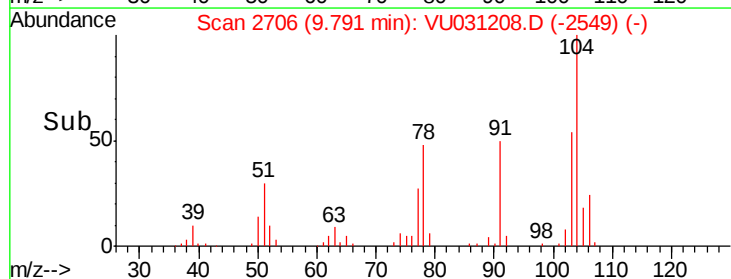
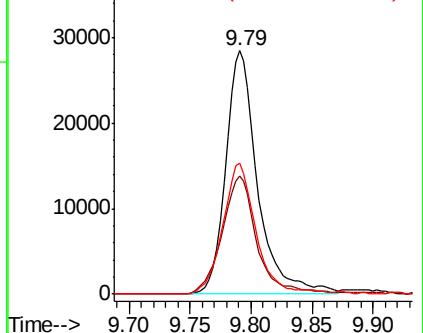
103 55.9 45.0 67.4

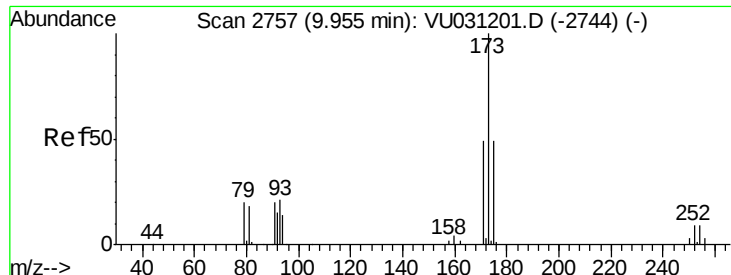


Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VU0

Ion 103.00 (102.70 to 103.70): V





#67

Bromoform

Concen: 2.135 ug/l

RT: 9.96 min Scan# 2758

Delta R.T. 0.00 min

Lab File: VU031208.D

Acq: 16 Apr 2019 12:12

Instrument :

MSVOA_U

ClientSampleId :

VU0416WBS01

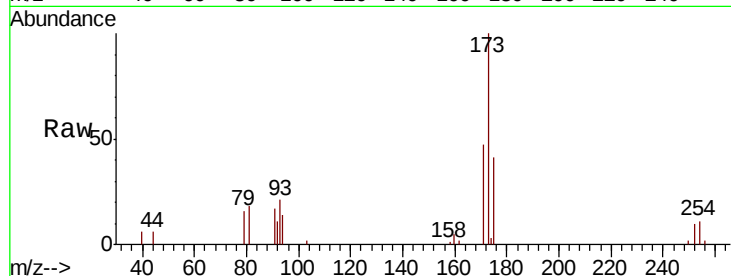
Tgt Ion:173 Resp: 11658

Ion Ratio Lower Upper

173 100

175 42.9 38.0 57.0

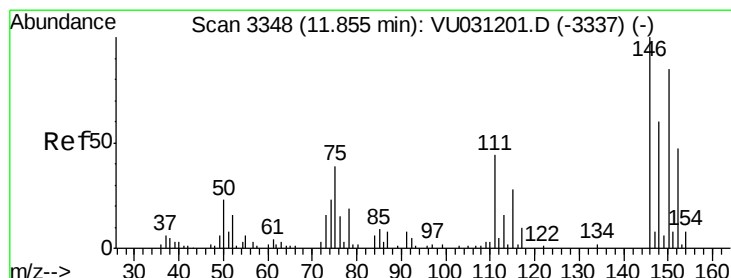
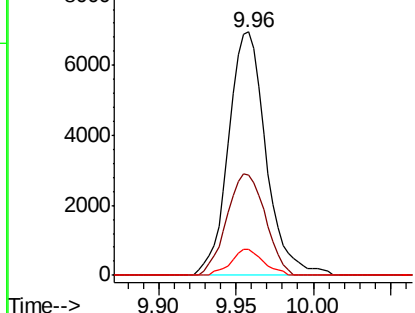
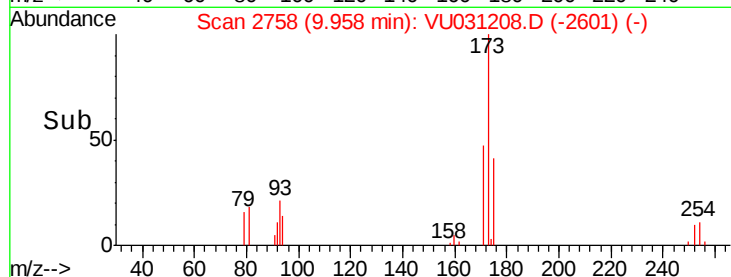
254 9.2 7.1 10.7



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: 2.135 ug/l

RT: 11.86 min Scan# 3349

Delta R.T. 0.00 min

Lab File: VU031208.D

Acq: 16 Apr 2019 12:12

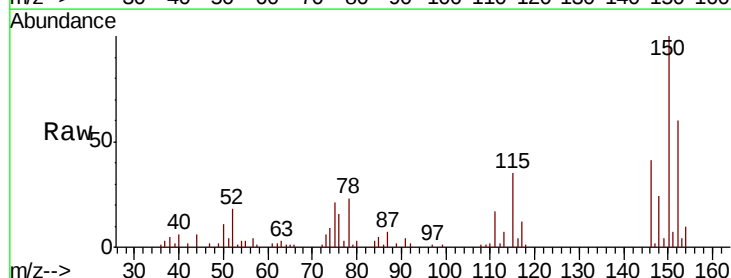
Tgt Ion:152 Resp: 12463

Ion Ratio Lower Upper

152 100

115 66.7 0.0 130.0

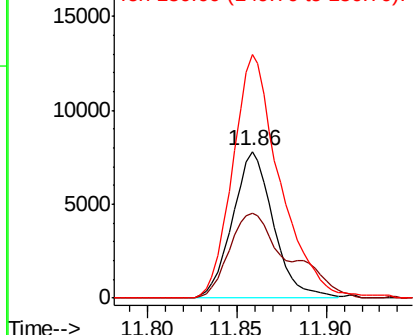
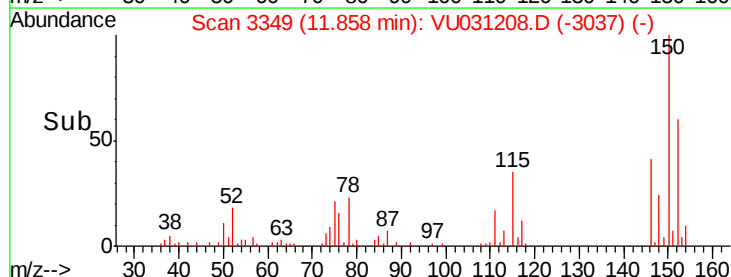
150 192.1 0.0 639.0

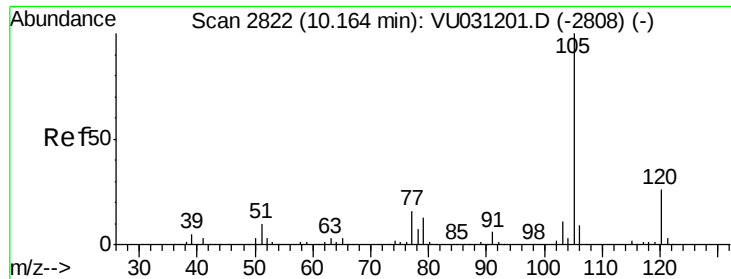


Abundance Ion 152.00 (151.70 to 152.70): V

Ion 115.00 (114.70 to 115.70): V

Ion 150.00 (149.70 to 150.70): V





#69

Isopropylbenzene

Concen: 2.141 ug/l

RT: 10.16 min Scan# 2822

Delta R.T. 0.00 min

Lab File: VU031208.D

Acq: 16 Apr 2019 12:12

Instrument :

MSVOA_U

ClientSampleId :

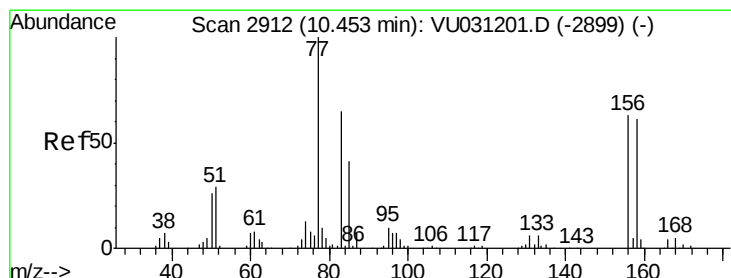
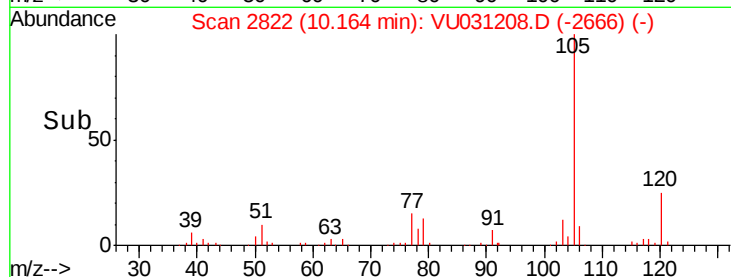
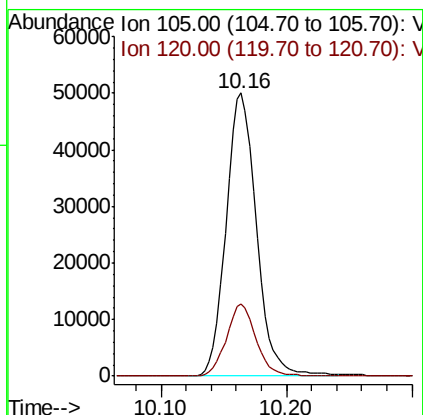
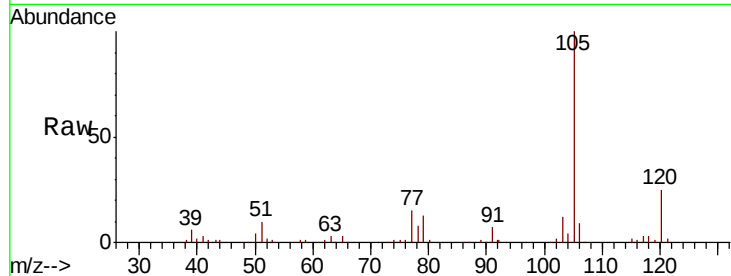
VU0416WBS01

Tgt Ion: 105 Resp: 83981

Ion Ratio Lower Upper

105 100

120 24.7 12.8 38.3



#70

1,1,2,2-Tetrachloroethane

Concen: 2.060 ug/l

RT: 10.45 min Scan# 2912

Delta R.T. 0.00 min

Lab File: VU031208.D

Acq: 16 Apr 2019 12:12

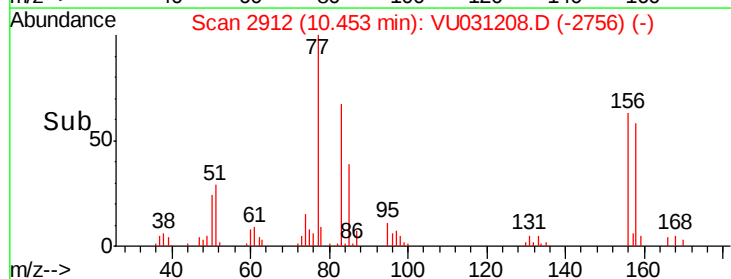
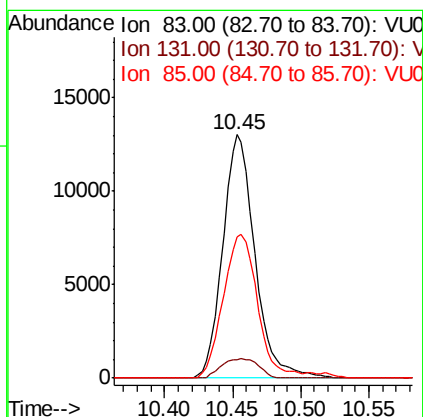
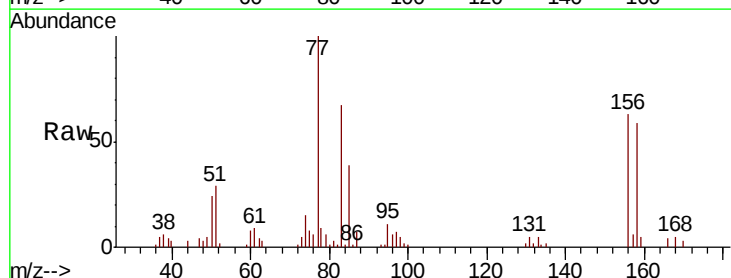
Tgt Ion: 83 Resp: 21333

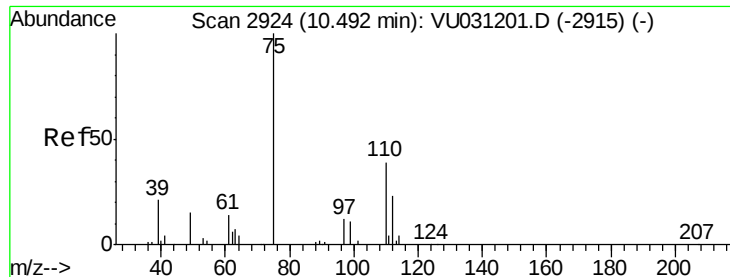
Ion Ratio Lower Upper

83 100

131 9.1 8.0 12.0

85 62.8 51.3 76.9

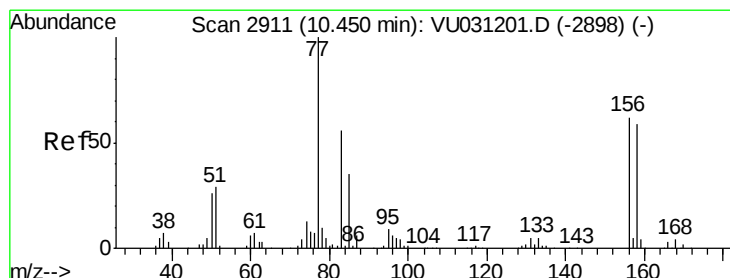
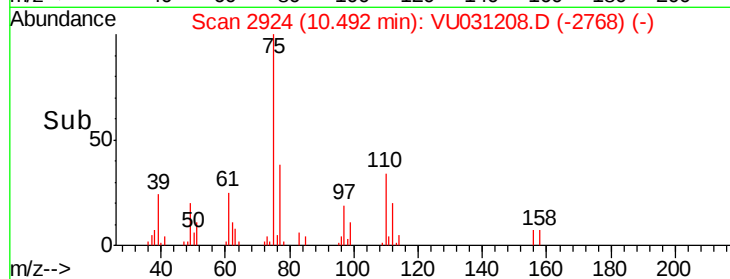
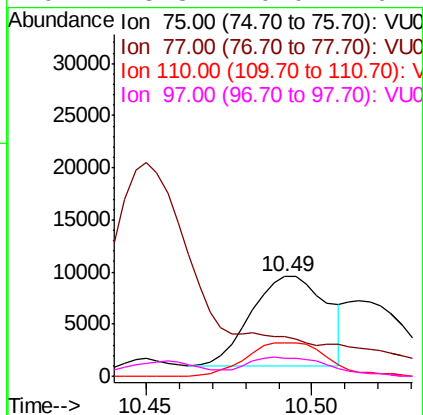
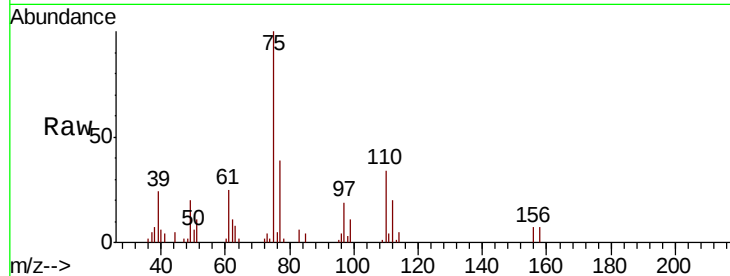




#71
 1,2,3-Trichloropropane
 Concen: 1.828 ug/l
 RT: 10.49 min Scan# 2924
 Delta R.T. 0.00 min
 Lab File: VU031208.D
 Acq: 16 Apr 2019 12:12

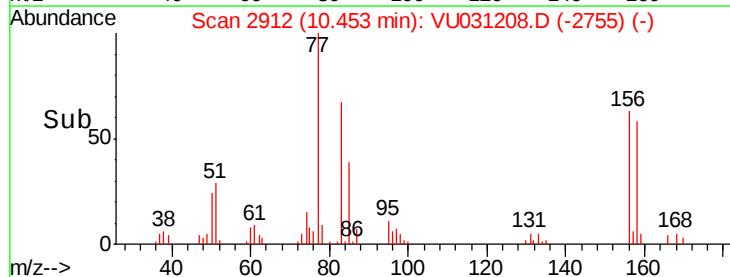
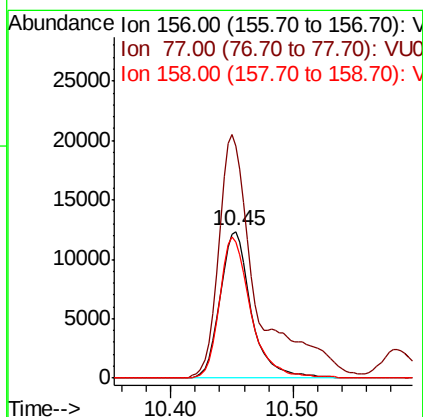
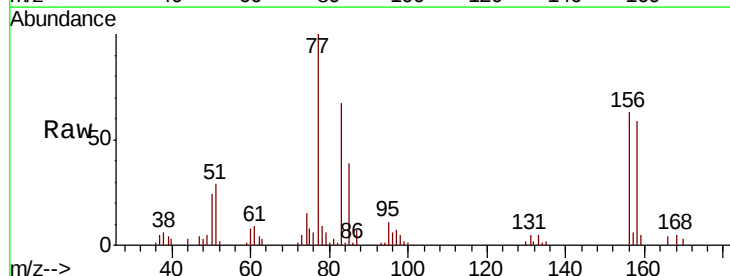
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0416WBS01

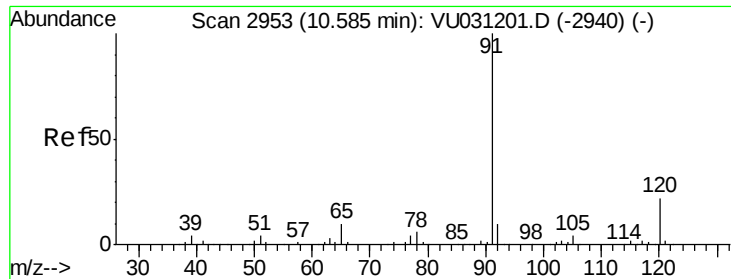
Tgt Ion:	75	Resp:	13686
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0
110	40.6	0.0	71.0
97	23.3	0.0	40.4



#72
 Bromobenzene
 Concen: 2.137 ug/l
 RT: 10.45 min Scan# 2912
 Delta R.T. 0.00 min
 Lab File: VU031208.D
 Acq: 16 Apr 2019 12:12

Tgt Ion:	156	Resp:	22181
Ion	Ratio	Lower	Upper
156	100		
77	203.8	0.0	322.6
158	96.1	0.0	191.0

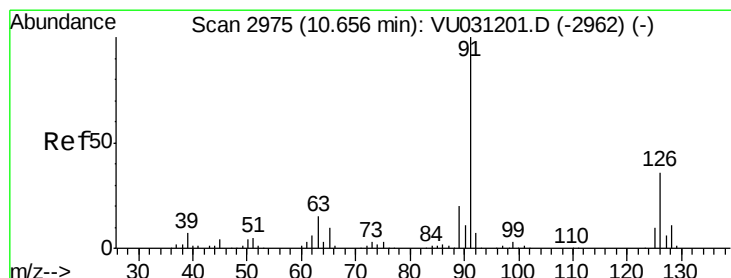
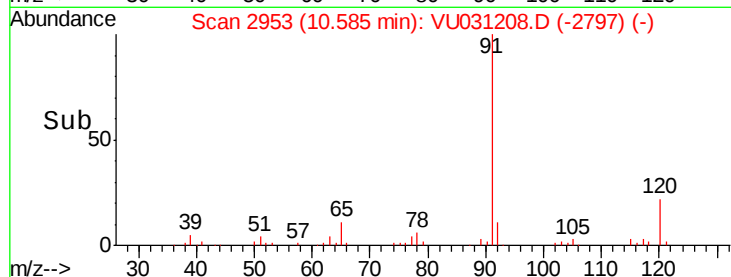
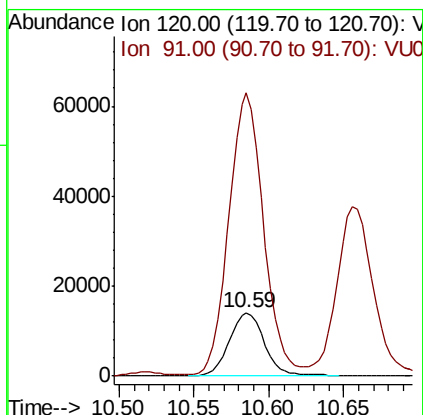
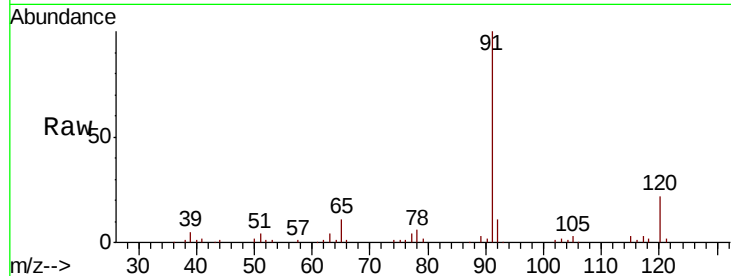




#73
n-propylbenzene
Concen: 2.204 ug/l
RT: 10.59 min Scan# 2953
Delta R.T. 0.00 min
Lab File: VU031208.D
Acq: 16 Apr 2019 12:12

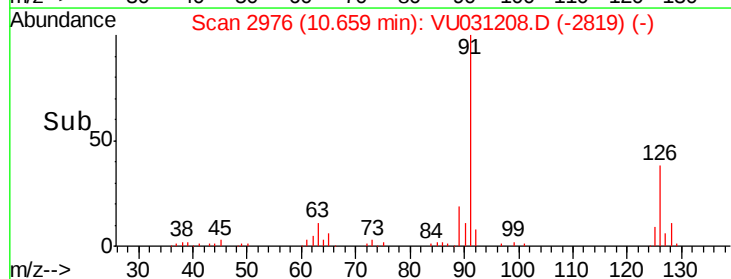
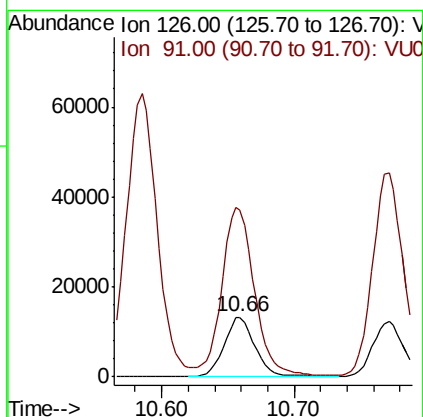
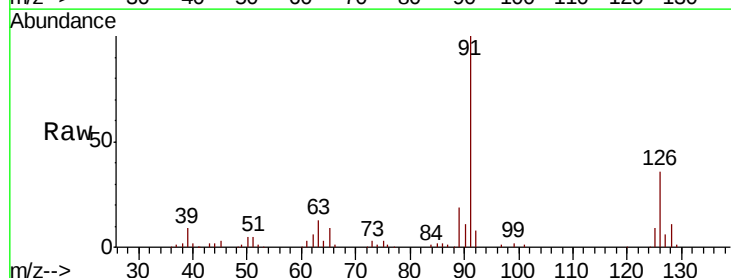
Instrument :
MSVOA_U
ClientSampleId :
VU0416WBS01

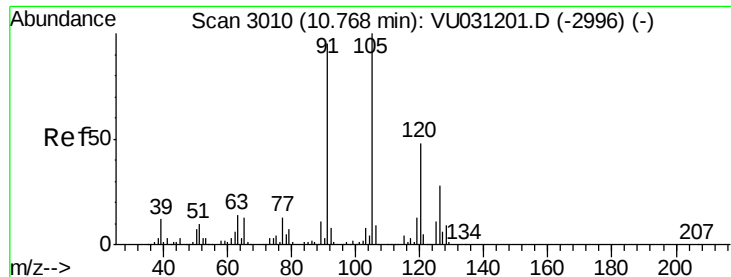
Tgt Ion:120 Resp: 23091
Ion Ratio Lower Upper
120 100
91 436.2 364.9 547.3



#74
2-Chlorotoluene
Concen: 2.225 ug/l
RT: 10.66 min Scan# 2976
Delta R.T. 0.00 min
Lab File: VU031208.D
Acq: 16 Apr 2019 12:12

Tgt Ion:126 Resp: 21498
Ion Ratio Lower Upper
126 100
91 292.2 0.0 612.6





#75

1,3,5-Trimethylbenzene

Concen: 2.103 ug/l

RT: 10.77 min Scan# 3010

Delta R.T. 0.00 min

Lab File: VU031208.D

Acq: 16 Apr 2019 12:12

Instrument :

MSVOA_U

ClientSampleId :

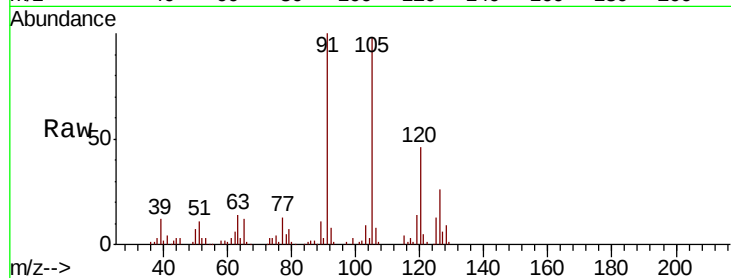
VU0416WBS01

Tgt Ion:105 Resp: 69840

Ion Ratio Lower Upper

105 100

120 47.7 38.7 58.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

10.77

50000

40000

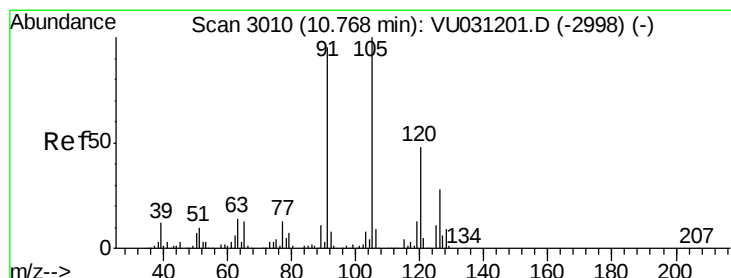
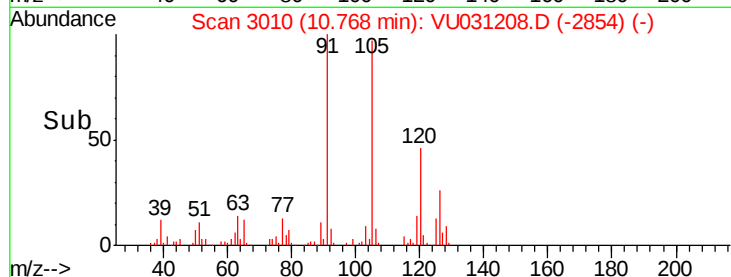
30000

20000

10000

0

Time--> 10.70 10.75 10.80 10.85



#76

4-Chlorotoluene

Concen: 2.143 ug/l

RT: 10.77 min Scan# 3011

Delta R.T. 0.00 min

Lab File: VU031208.D

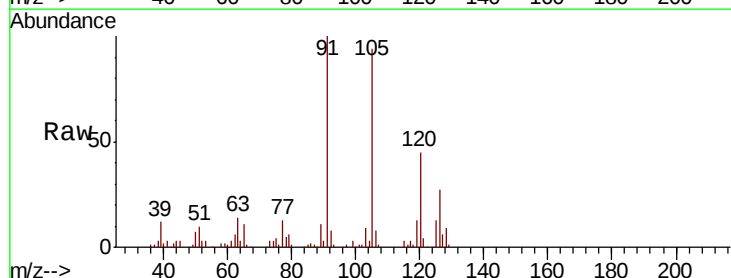
Acq: 16 Apr 2019 12:12

Tgt Ion:126 Resp: 20864

Ion Ratio Lower Upper

126 100

91 356.3 0.0 683.8



Abundance Ion 126.00 (125.70 to 126.70): V

Ion 91.00 (90.70 to 91.70): VU0

10.77

50000

40000

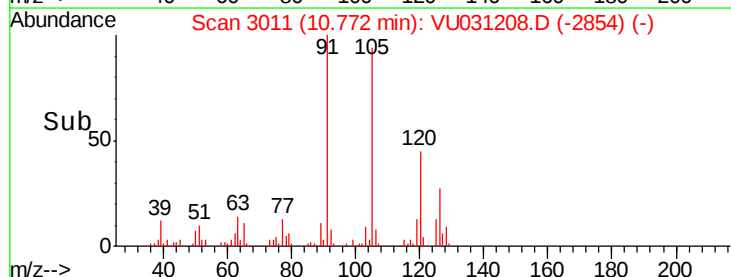
30000

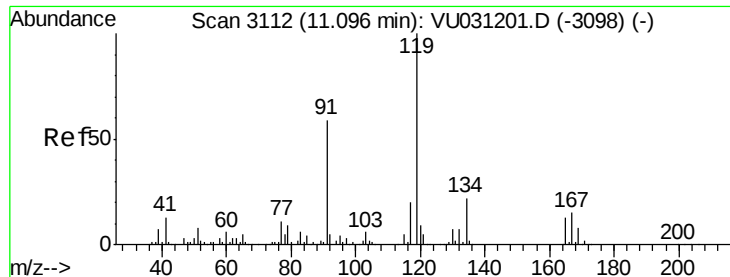
20000

10000

0

Time--> 10.70 10.75 10.80 10.85

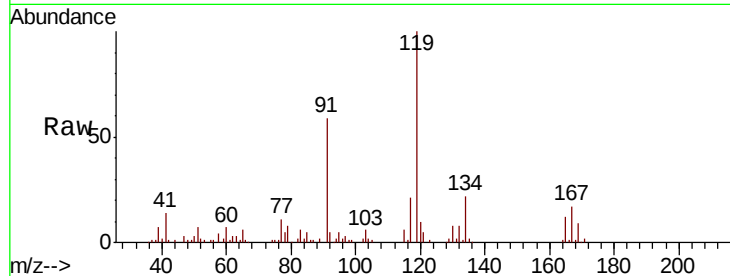




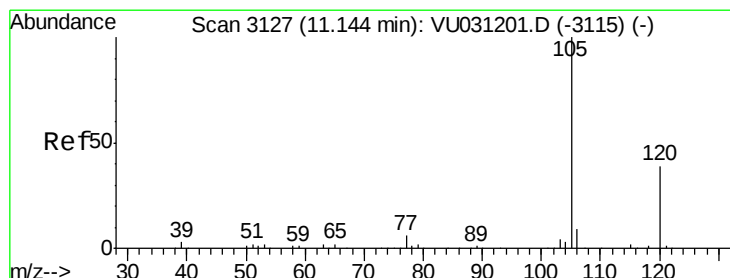
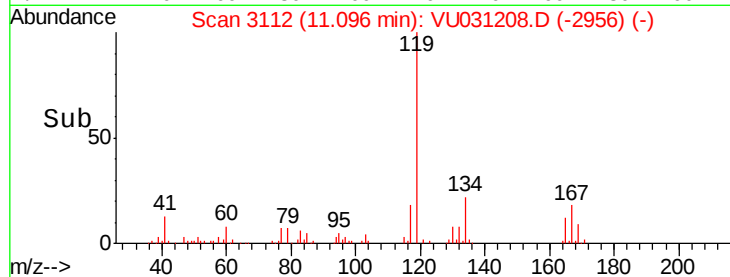
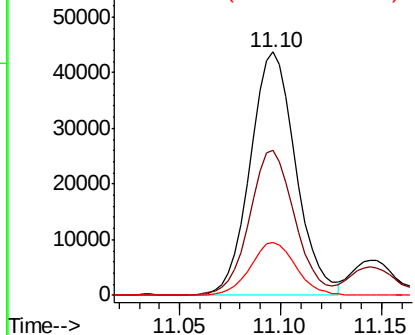
#77
 tert-Butylbenzene
 Concen: 2.130 ug/l
 RT: 11.10 min Scan# 3112
 Delta R.T. 0.00 min
 Lab File: VU031208.D
 Acq: 16 Apr 2019 12:12

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0416WBS01

Tgt Ion:119 Resp: 69188
 Ion Ratio Lower Upper
 119 100
 91 59.3 29.4 88.3
 134 21.9 17.9 26.9

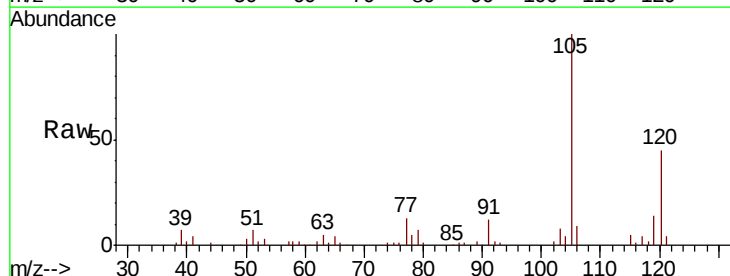


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): VU
 Ion 134.00 (133.70 to 134.70): V

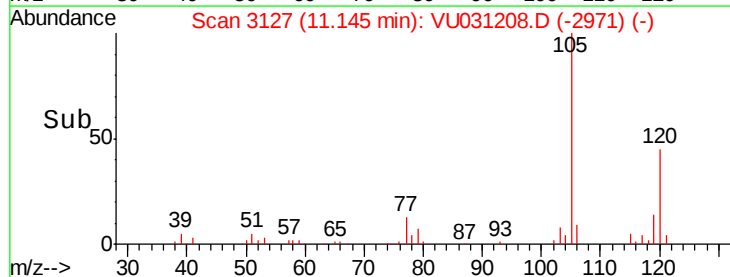
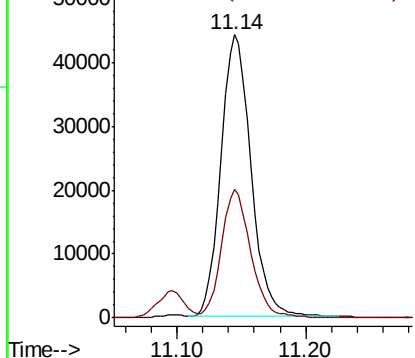


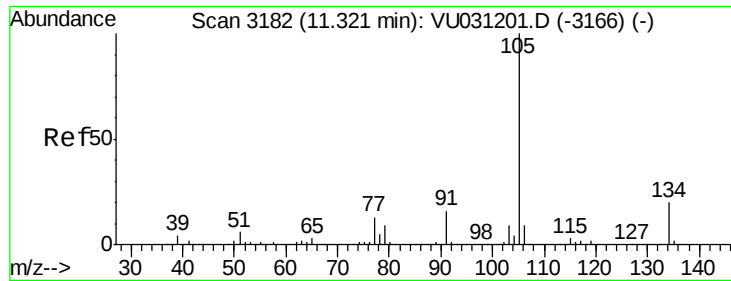
#78
 1,2,4-Trimethylbenzene
 Concen: 2.131 ug/l
 RT: 11.14 min Scan# 3127
 Delta R.T. 0.00 min
 Lab File: VU031208.D
 Acq: 16 Apr 2019 12:12

Tgt Ion:105 Resp: 71321
 Ion Ratio Lower Upper
 105 100
 120 44.6 22.4 67.0



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

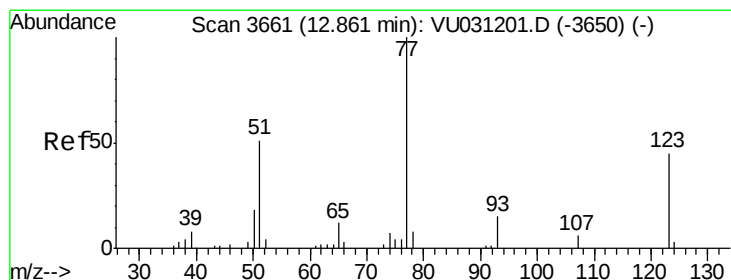
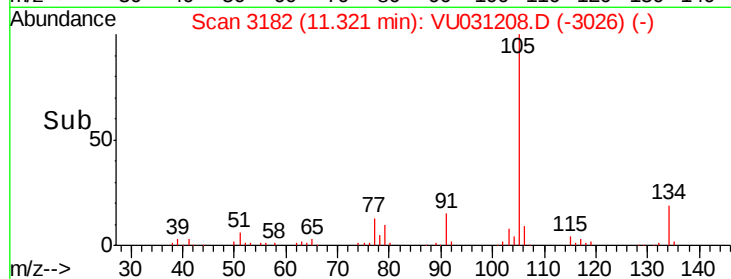
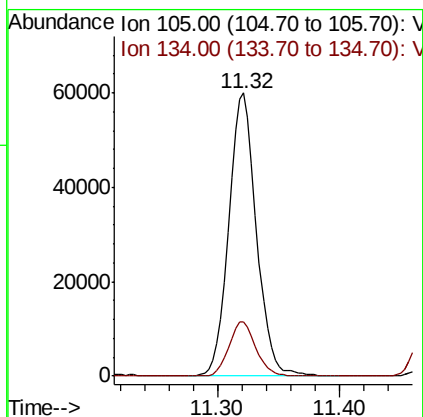
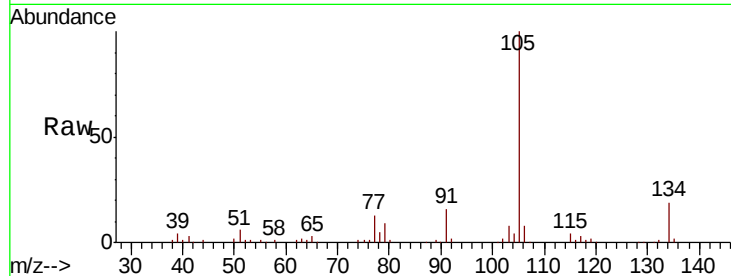




#79
 sec-Butylbenzene
 Concen: 2.168 ug/l
 RT: 11.32 min Scan# 3182
 Delta R.T. 0.00 min
 Lab File: VU031208.D
 Acq: 16 Apr 2019 12:12

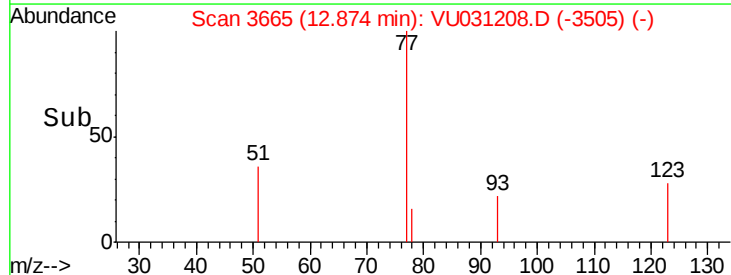
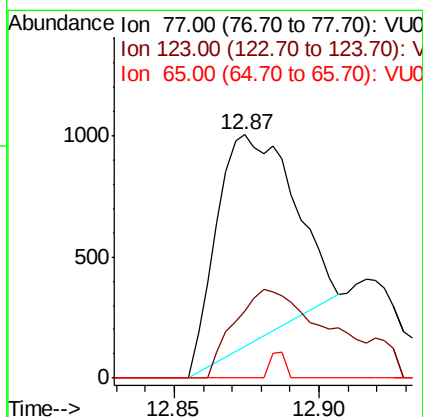
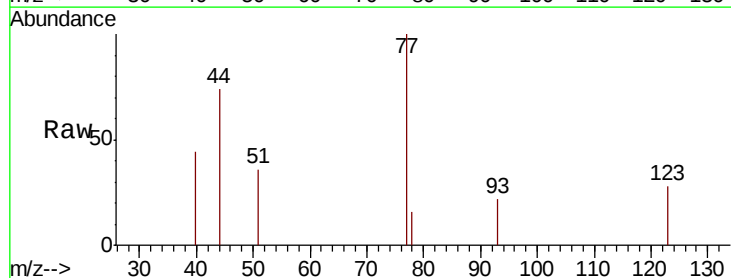
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0416WBS01

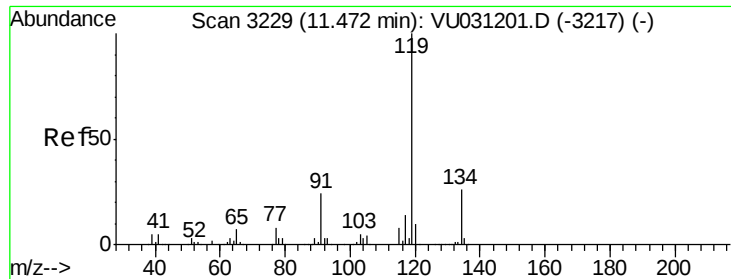
Tgt Ion: 105 Resp: 94780
 Ion Ratio Lower Upper
 105 100
 134 18.8 15.5 23.3



#80
 Nitrobenzene
 Concen: 8.325 ug/l
 RT: 12.87 min Scan# 3665
 Delta R.T. 0.01 min
 Lab File: VU031208.D
 Acq: 16 Apr 2019 12:12

Tgt Ion: 77 Resp: 1607
 Ion Ratio Lower Upper
 77 100
 123 35.0 17.1 60.7
 65 2.6 9.4 12.0#

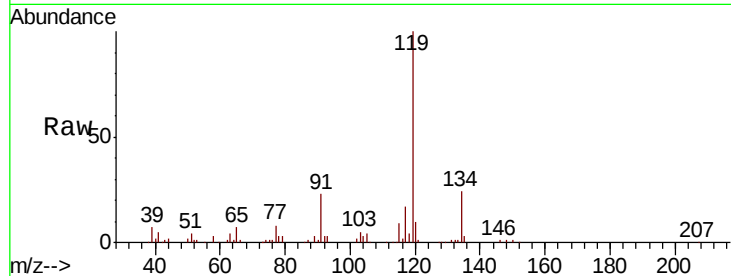




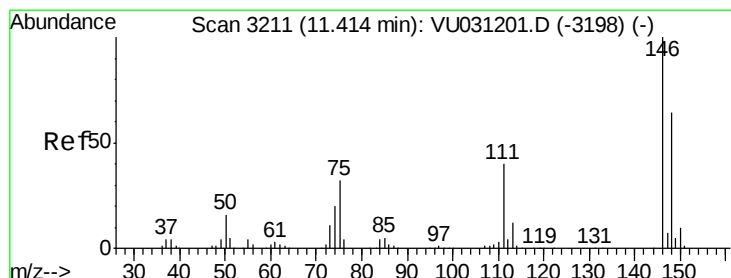
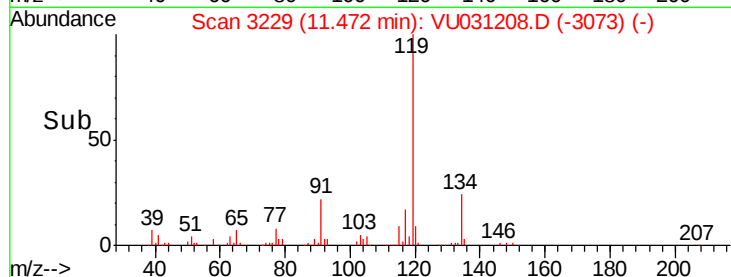
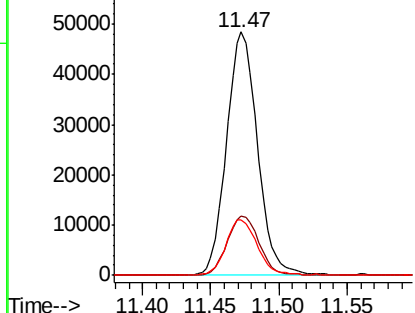
#81
 p-Isopropyltoluene
 Concen: 2.181 ug/l
 RT: 11.47 min Scan# 3229
 Delta R.T. 0.00 min
 Lab File: VU031208.D
 Acq: 16 Apr 2019 12:12

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0416WBS01

Tgt Ion:119 Resp: 76562
 Ion Ratio Lower Upper
 119 100
 134 25.0 21.0 31.4
 91 23.3 19.4 29.2

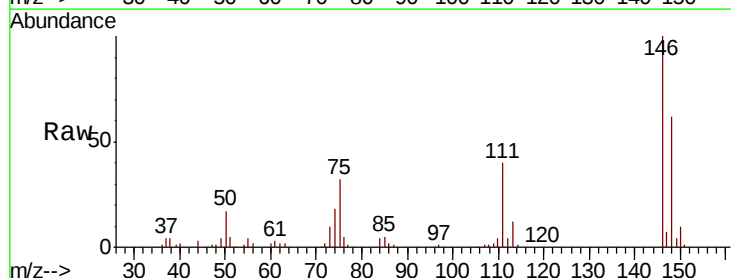


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 134.00 (133.70 to 134.70): V
 Ion 91.00 (90.70 to 91.70): V

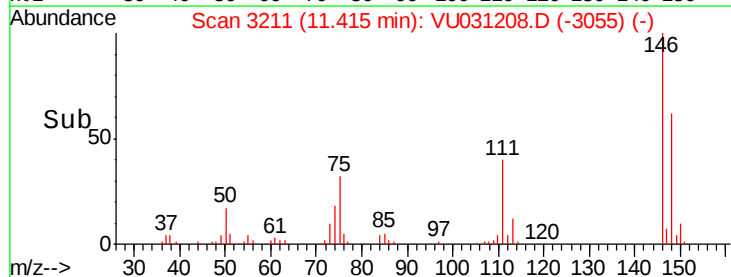
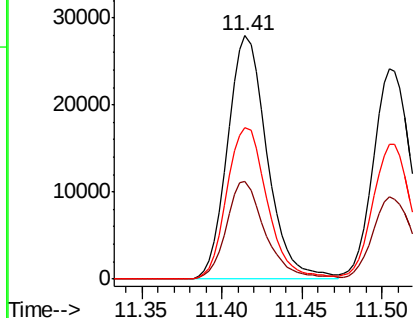


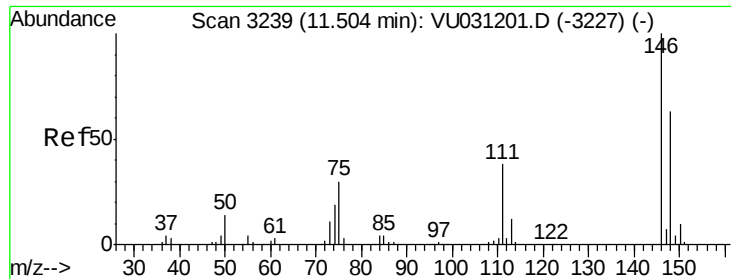
#82
 1,3-Dichlorobenzene
 Concen: 2.293 ug/l
 RT: 11.41 min Scan# 3211
 Delta R.T. 0.00 min
 Lab File: VU031208.D
 Acq: 16 Apr 2019 12:12

Tgt Ion:146 Resp: 47015
 Ion Ratio Lower Upper
 146 100
 111 39.7 32.4 48.6
 148 63.9 50.8 76.2



Abundance Ion 146.00 (145.70 to 146.70): V
 Ion 111.00 (110.70 to 111.70): V
 Ion 148.00 (147.70 to 148.70): V

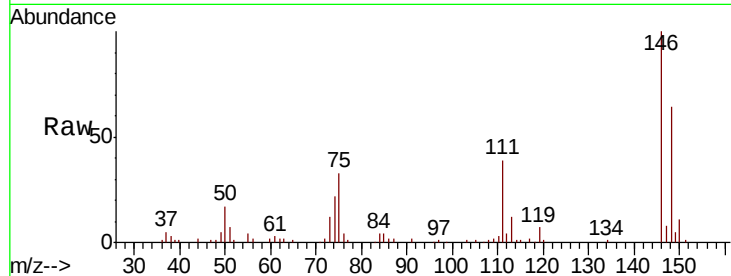




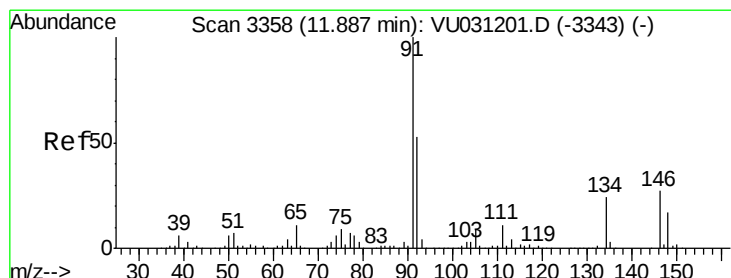
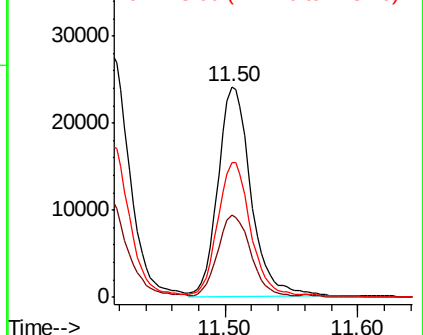
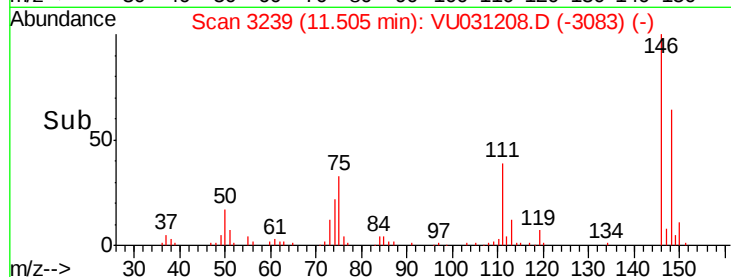
#83
 1,4-Dichlorobenzene
 Concen: 2.099 ug/l
 RT: 11.50 min Scan# 3239
 Delta R.T. 0.00 min
 Lab File: VU031208.D
 Acq: 16 Apr 2019 12:12

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0416WBS01

Tgt Ion: 146 Resp: 41680
 Ion Ratio Lower Upper
 146 100
 111 37.9 30.6 46.0
 148 61.6 51.1 76.7

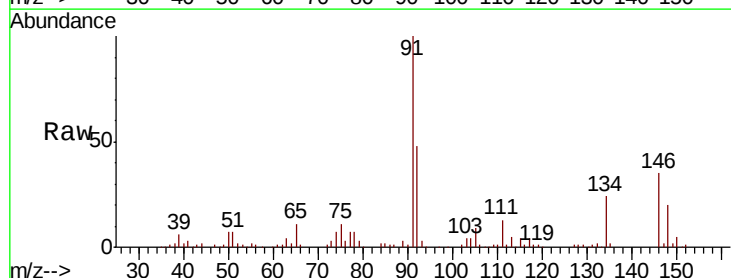


Abundance Ion 146.00 (145.70 to 146.70): V
 Ion 111.00 (110.70 to 111.70): V
 Ion 148.00 (147.70 to 148.70): V

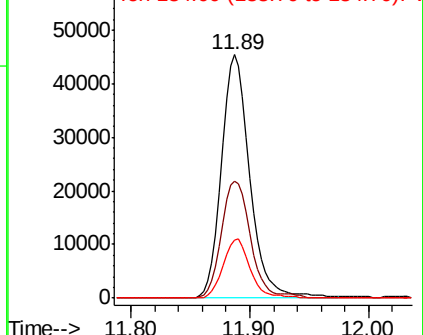
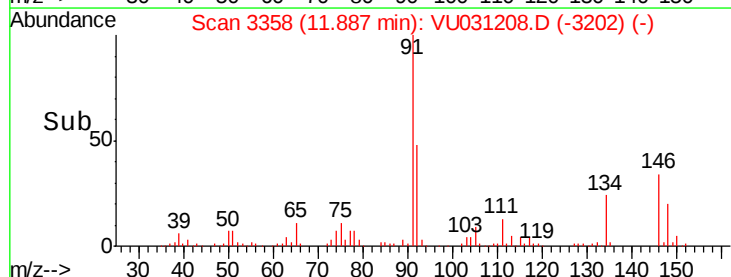


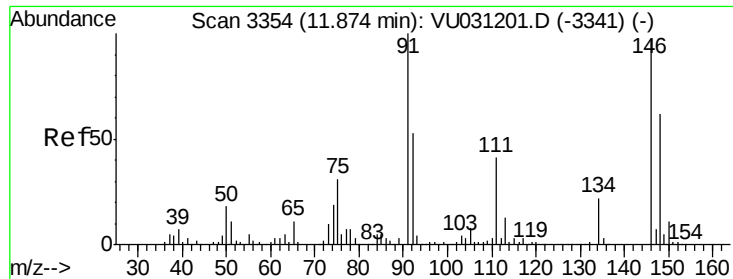
#84
 n-Butylbenzene
 Concen: 2.211 ug/l
 RT: 11.89 min Scan# 3358
 Delta R.T. 0.00 min
 Lab File: VU031208.D
 Acq: 16 Apr 2019 12:12

Tgt Ion: 91 Resp: 75022
 Ion Ratio Lower Upper
 91 100
 92 49.7 42.6 63.8
 134 23.2 19.1 28.7



Abundance Ion 91.00 (90.70 to 91.70): VU0
 Ion 92.00 (91.70 to 92.70): VU0
 Ion 134.00 (133.70 to 134.70): V

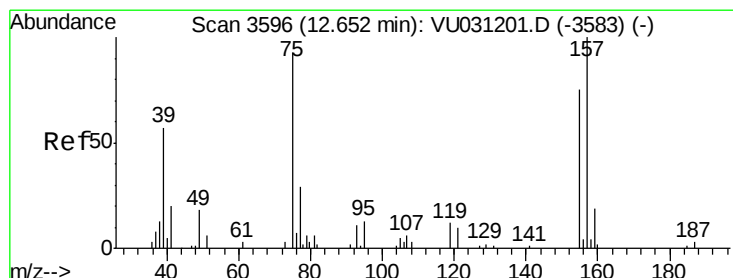
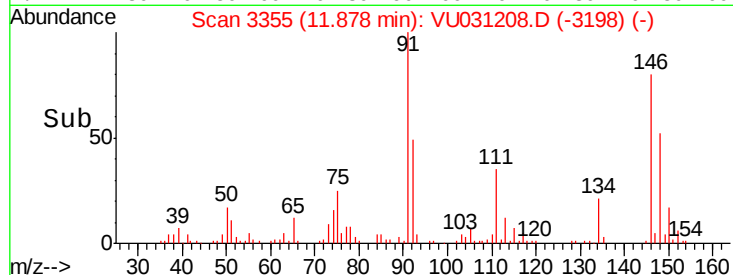
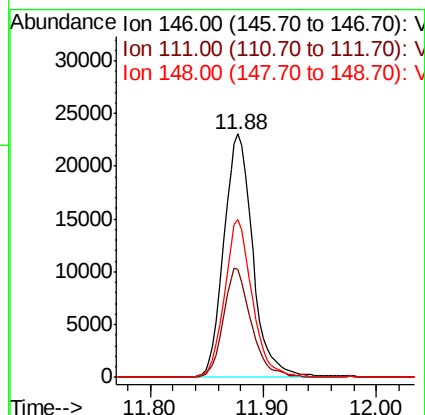
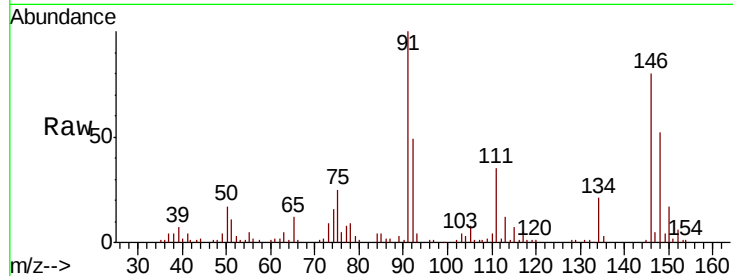




#85
 1,2-Dichlorobenzene
 Concen: 2.142 ug/l
 RT: 11.88 min Scan# 3355
 Delta R.T. 0.00 min
 Lab File: VU031208.D
 Acq: 16 Apr 2019 12:12

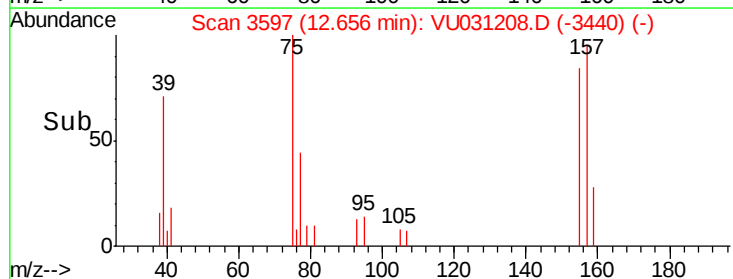
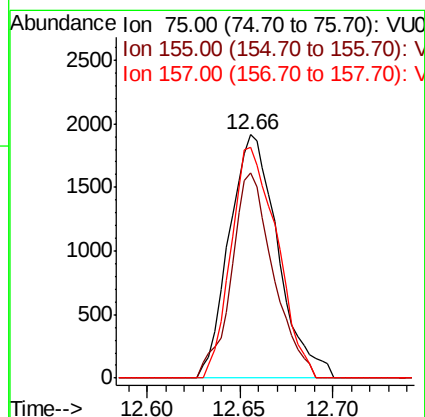
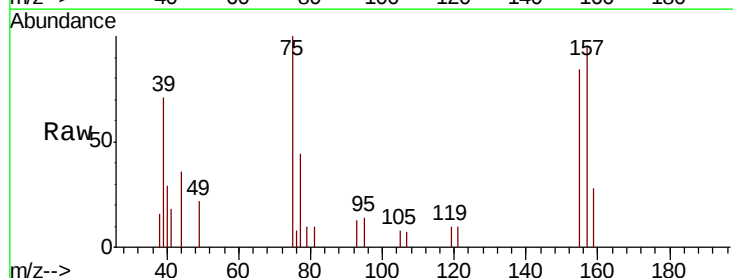
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0416WBS01

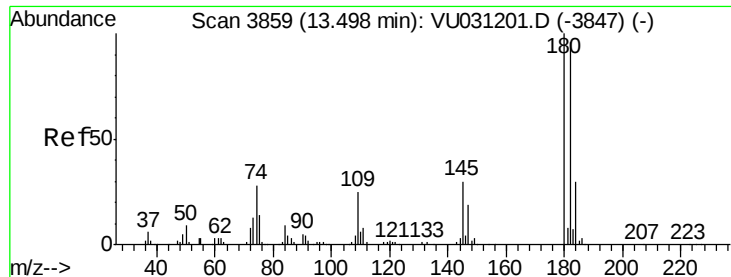
Tgt Ion: 146 Resp: 41185
 Ion Ratio Lower Upper
 146 100
 111 42.9 20.8 62.5
 148 61.8 31.4 94.3



#86
 1,2-Dibromo-3-Chloropropane
 Concen: 2.351 ug/l
 RT: 12.66 min Scan# 3597
 Delta R.T. 0.00 min
 Lab File: VU031208.D
 Acq: 16 Apr 2019 12:12

Tgt Ion: 75 Resp: 3503
 Ion Ratio Lower Upper
 75 100
 155 72.7 61.7 92.5
 157 89.4 81.3 121.9

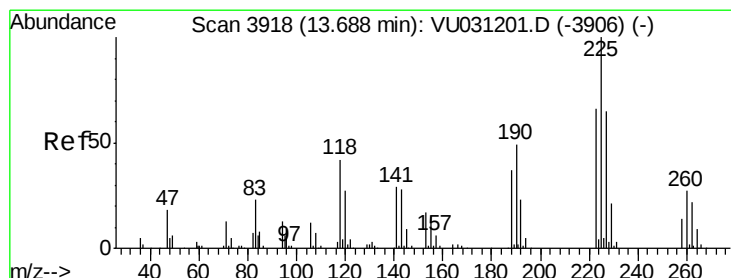
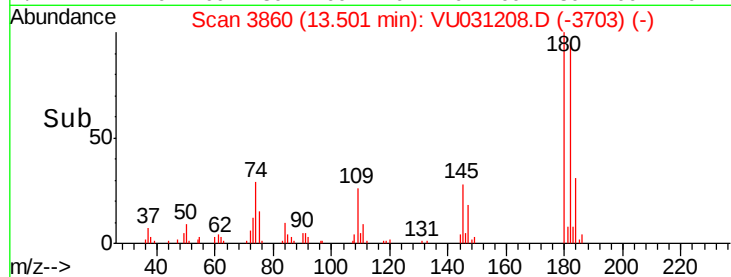
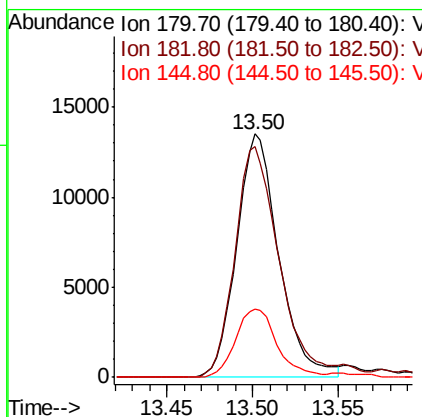
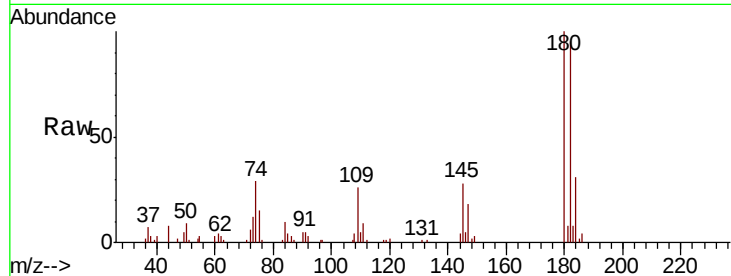




#87
 1,2,4-Trichlorobenzene
 Concen: 1.954 ug/l
 RT: 13.50 min Scan# 3860
 Delta R.T. 0.00 min
 Lab File: VU031208.D
 Acq: 16 Apr 2019 12:12

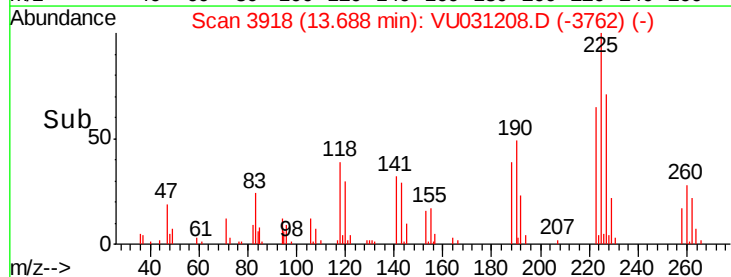
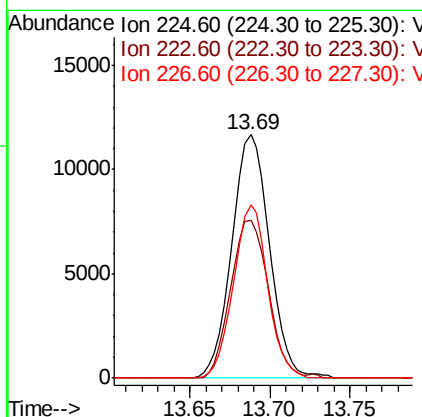
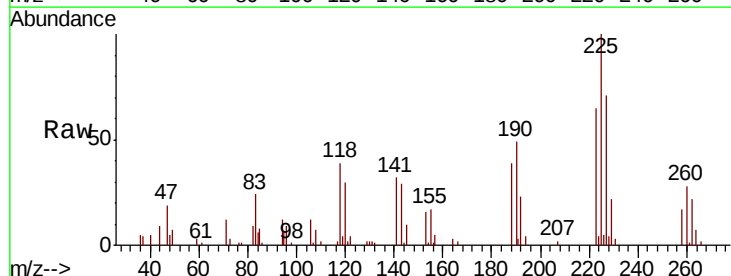
Instrument :
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 ClientSampleId :
 VU0416WBS01

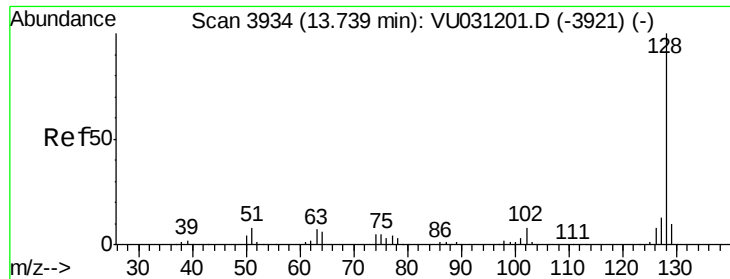
Tgt Ion:180 Resp: 22963
 Ion Ratio Lower Upper
 180 100
 182 98.7 75.0 112.6
 145 27.7 23.4 35.2



#88
 Hexachlorobutadiene
 Concen: 2.379 ug/l
 RT: 13.69 min Scan# 3918
 Delta R.T. 0.00 min
 Lab File: VU031208.D
 Acq: 16 Apr 2019 12:12

Tgt Ion:225 Resp: 18674
 Ion Ratio Lower Upper
 225 100
 223 65.2 51.4 77.2
 227 64.4 51.2 76.8





#89

Naphthalene

Concen: 1.985 ug/l

RT: 13.74 min Scan# 3935

Delta R.T. 0.00 min

Lab File: VU031208.D

Acq: 16 Apr 2019 12:12

Instrument :

MSVOA_U

ClientSampleId :

VU0416WBS01

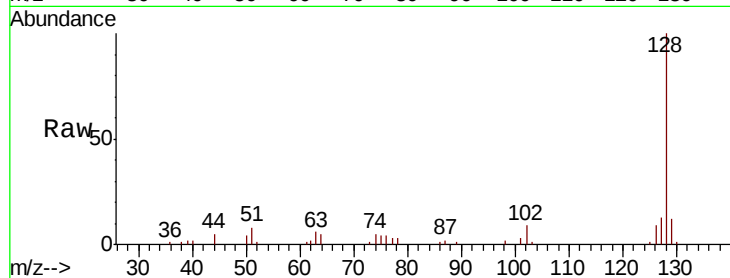
Tgt Ion:128 Resp: 37410

Ion Ratio Lower Upper

128 100

127 12.4 11.0 16.4

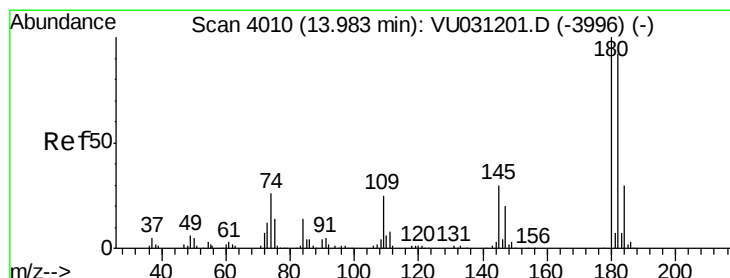
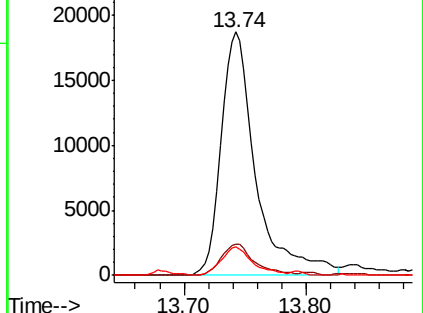
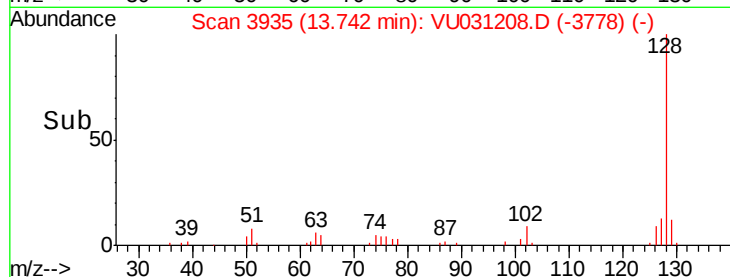
129 10.6 8.3 12.5



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: 2.259 ug/l

RT: 13.98 min Scan# 4010

Delta R.T. 0.00 min

Lab File: VU031208.D

Acq: 16 Apr 2019 12:12

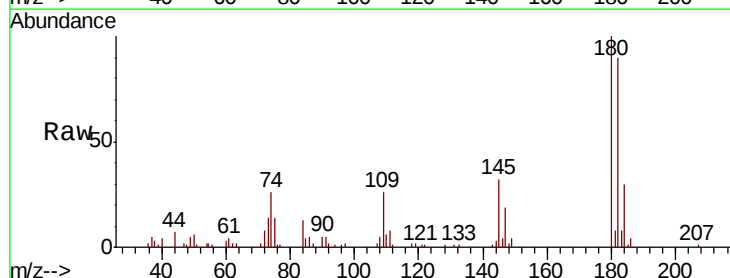
Tgt Ion:180 Resp: 26580

Ion Ratio Lower Upper

180 100

182 89.9 76.4 114.6

145 30.3 25.3 37.9



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

