

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU112618\
 Data File : VU028336.D
 Acq On : 26 Nov 2018 14:10
 Operator : MD/SY
 Sample : VU1126WBSD01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1126WBSD01

Quant Time: Nov 27 01:10:40 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U0112618DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Tue Nov 27 01:03:50 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	5.74	96	50208	1.00	ug/l	0.00

System Monitoring Compounds

57) 4-Bromofluorobenzene	10.31	95	18030	0.98	ug/l	0.00
Spiked Amount 1.000			Recovery	=	98.00%	
68) 1,2-Dichlorobenzene-d4	11.86	152	16315	0.95	ug/l	0.00
Spiked Amount 1.000			Recovery	=	95.00%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.21	85	32383	1.793 ug/l	100
3) Chloromethane	1.32	50	52857	1.719 ug/l	98
4) Vinyl Chloride	1.40	62	38730	1.841 ug/l	98
5) Bromomethane	1.63	94	14274	1.722 ug/l	94
6) Chloroethane	1.70	64	21428	1.745 ug/l	97
7) Trichlorofluoromethane	1.89	101	43879	1.910 ug/l	98
8) 1,1,2-Trichloro-1,2,2-trif	2.29	101	24747	1.872 ug/l	99
9) 1,1-Dichloroethene	2.29	96	21424	1.753 ug/l	98
10) Iodomethane	2.41	142	17097	2.068 ug/l	98
11) Allyl Chloride	2.59	41	57044	1.848 ug/l	99
12) Acrylonitrile	2.95	53	12216	3.137 ug/l	91
13) Acetone	2.35	43	34467	9.552 ug/l	97
14) Carbon Disulfide	2.48	76	83511	1.799 ug/l	100
15) Methylene Chloride	2.70	84	28577	1.917 ug/l	94
16) trans-1,2-Dichloroethene	2.98	96	23419	1.712 ug/l	97
17) 1,1-Dichloroethane	3.44	63	55953	1.835 ug/l	97
18) 2-Butanone	4.30	43	49137	9.113 ug/l	97
19) Cyclohexane	4.99	56	46698	1.764 ug/l	98
20) Methylcyclohexane	6.41	83	46787	1.805 ug/l	96
21) 2,2-Dichloropropane	4.22	77	45296	1.851 ug/l	99
22) cis-1,2-Dichloroethene	4.22	96	28678	1.791 ug/l	94
23) Diethyl Ether	2.11	59	22208	1.812 ug/l	96
24) tert-Butyl Alcohol	2.89	59	14353	11.669 ug/l #	94
25) Methyl tert-Butyl Ether	3.00	73	68215	1.879 ug/l	99
26) Bromochloromethane	4.55	128	11491	1.883 ug/l	99
27) Chloroform	4.67	83	52583	1.788 ug/l	100
28) 1,1,1-Trichloroethane	4.91	97	39942	1.739 ug/l	98
29) 1,1-Dichloropropene	5.13	75	41041	1.863 ug/l	99
30) Carbon Tetrachloride	5.13	117	34097	1.838 ug/l	94
31) Isopropyl Ether	3.58	45	103581	1.897 ug/l	100
32) Ethyl-t-butyl ether	4.08	59	81087	1.803 ug/l	97
33) Tert-Amyl methyl ether	5.58	73	67443	1.807 ug/l	99
34) Propionitrile	4.37	54	14194	10.479 ug/l #	76
35) Benzene	5.39	78	117781	1.816 ug/l	99
36) 1,2-Dichloroethane	5.40	62	35398	1.825 ug/l	98
37) Trichloroethene	6.19	130	24726	1.750 ug/l	98
38) 1,2-Dichloropropane	6.43	63	33742	1.824 ug/l	100
39) Methacrylonitrile	4.56	41	13550	1.868 ug/l	97
40) Methyl acrylate	4.43	55	16000	1.603 ug/l #	95
41) Tetrahydrofuran	4.67	42	13518	3.707 ug/l	97
42) 1-Chlorobutane	5.06	56	62393	1.781 ug/l	96

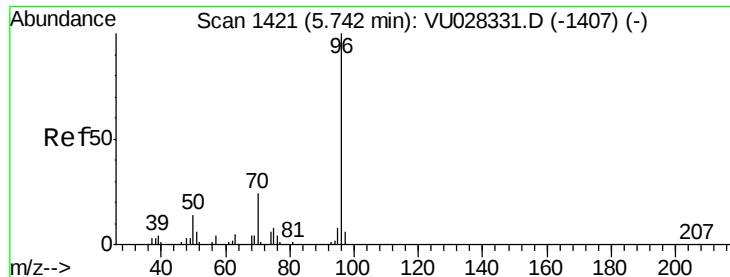
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU112618\
 Data File : VU028336.D
 Acq On : 26 Nov 2018 14:10
 Operator : MD/SY
 Sample : VU1126WBSD01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1126WBSD01

Quant Time: Nov 27 01:10:40 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U0112618DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Tue Nov 27 01:03:50 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Dibromomethane	6.56	93	14654	1.861	ug/l	98
44) Bromodichloromethane	6.76	83	37601	1.808	ug/l	95
45) 4-Methyl-2-Pentanone	7.47	43	113306	8.958	ug/l	99
46) t-1,4-Dichloro-2-butene	10.49	75	19052	4.118	ug/l	87
47) Methyl methacrylate	6.63	69	28511	3.547	ug/l	99
48) Ethyl methacrylate	8.02	69	28524	1.774	ug/l	99
49) Toluene	7.64	92	67617	1.877	ug/l	96
50) t-1,3-Dichloropropene	7.88	75	35066	1.756	ug/l	99
51) cis-1,3-Dichloropropene	7.27	75	43790	1.776	ug/l	100
52) 1,1,2-Trichloroethane	8.07	97	18891	1.709	ug/l	95
53) 1,3-Dichloropropane	8.24	76	37658	1.824	ug/l	97
54) 2-Hexanone	8.37	43	83429	9.169	ug/l	97
55) Dibromochloromethane	8.48	129	20361	1.731	ug/l	95
56) 1,2-Dibromoethane	8.59	107	17890	1.777	ug/l	97
58) Tetrachloroethene	8.22	164	24245	1.874	ug/l	93
59) Chlorobenzene	9.12	112	67408	1.798	ug/l	99
60) 1,1,1,2-Tetrachloroethane	9.21	131	22921	1.804	ug/l	99
61) Pentachloroethane	11.10	117	17590	1.779	ug/l	96
62) Hexachloroethane	12.14	117	15907	1.717	ug/l	97
63) Ethyl Benzene	9.25	91	123588	1.787	ug/l	99
64) m/p-Xylenes	9.37	106	88682	3.543	ug/l	99
65) o-Xylene	9.78	106	44358	1.836	ug/l	98
66) Styrene	9.79	104	74267	1.793	ug/l	100
67) Bromoform	9.96	173	11517	1.748	ug/l	97
69) Isopropylbenzene	10.16	105	117230	1.812	ug/l	99
70) 1,1,2,2-Tetrachloroethane	10.46	83	26215	1.768	ug/l	98
71) 1,2,3-Trichloropropane	10.49	75	19052	1.843	ug/l #	98
72) Bromobenzene	10.45	156	25952	1.808	ug/l	99
73) n-propylbenzene	10.59	120	29396	1.752	ug/l	93
74) 2-Chlorotoluene	10.66	126	27796	1.891	ug/l	91
75) 1,3,5-Trimethylbenzene	10.77	105	97288	1.787	ug/l	98
76) 4-Chlorotoluene	10.77	126	27204	1.826	ug/l	98
77) tert-Butylbenzene	11.10	119	91216	1.780	ug/l	99
78) 1,2,4-Trimethylbenzene	11.15	105	98820	1.771	ug/l	99
79) sec-Butylbenzene	11.32	105	129234	1.809	ug/l	100
80) Nitrobenzene	12.87	77	5821	8.713	ug/l #	98
81) p-Isopropyltoluene	11.48	119	100283	1.766	ug/l	98
82) 1,3-Dichlorobenzene	11.42	146	51743	1.799	ug/l	99
83) 1,4-Dichlorobenzene	11.51	146	50302	1.757	ug/l	97
84) n-Butylbenzene	11.89	91	106762	1.791	ug/l	99
85) 1,2-Dichlorobenzene	11.88	146	48930	1.788	ug/l	99
86) 1,2-Dibromo-3-Chloropropan	12.66	75	4349	1.823	ug/l	93
87) 1,2,4-Trichlorobenzene	13.50	180	33687	1.751	ug/l	98
88) Hexachlorobutadiene	13.69	225	19152	1.840	ug/l	96
89) Naphthalene	13.74	128	65212	1.715	ug/l	100
90) 1,2,3-Trichlorobenzene	13.99	180	30329	1.672	ug/l	96

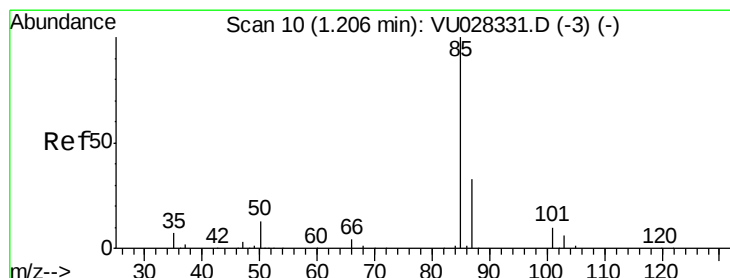
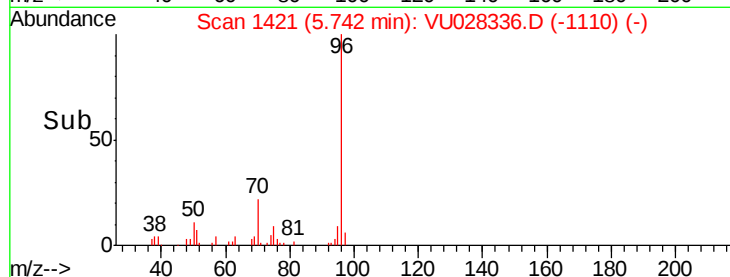
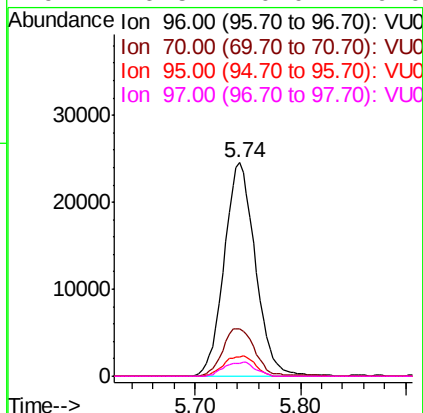
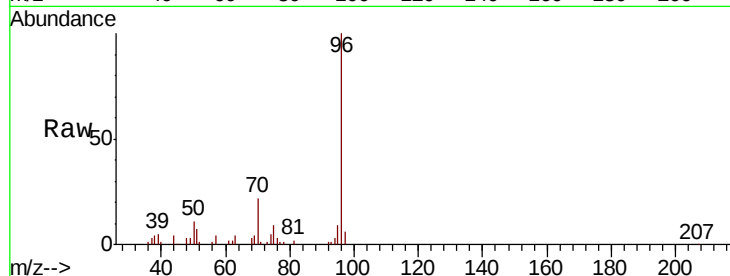
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 Fluorobenzene
 Concen: 1.000 ug/l
 RT: 5.74 min Scan# 1421
 Delta R.T. -0.00 min
 Lab File: VU028336.D
 Acq: 26 Nov 2018 14:10

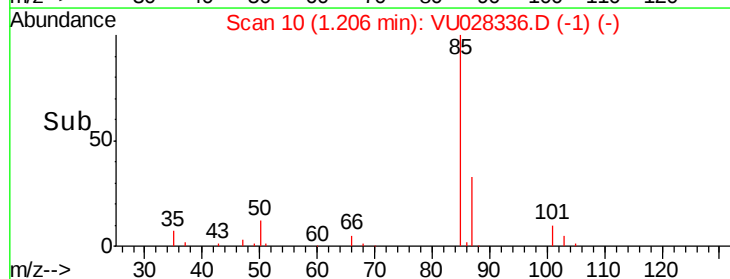
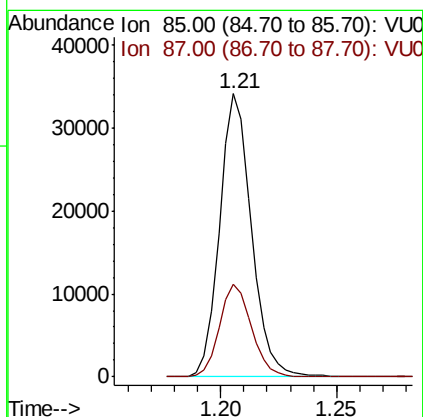
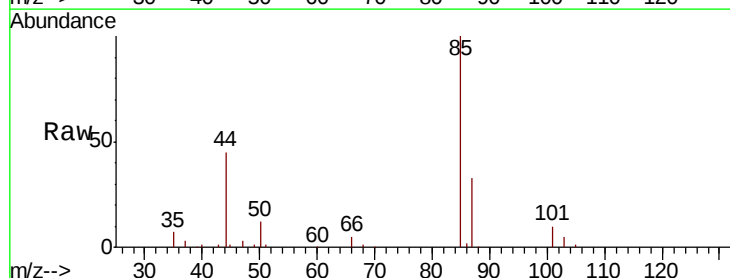
Instrument :
 MSVOA_U
 ClientSampleId :
 VU1126WBSD01

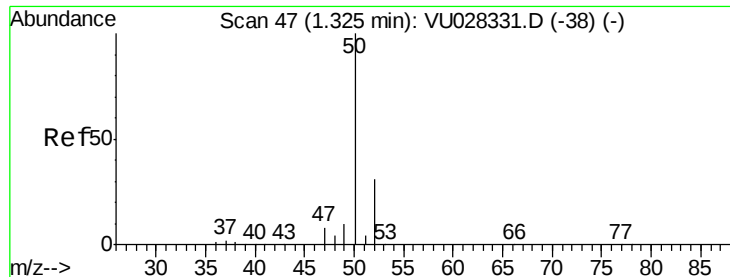
Tgt Ion:	96	Resp:	50208
Ion	Ratio	Lower	Upper
96	100		
70	22.2	17.8	26.8
95	9.4	7.6	11.4
97	6.5	0.0	0.0#



#2
 Dichlorodifluoromethane
 Concen: 1.793 ug/l
 RT: 1.21 min Scan# 10
 Delta R.T. -0.00 min
 Lab File: VU028336.D
 Acq: 26 Nov 2018 14:10

Tgt Ion:	85	Resp:	32383
Ion	Ratio	Lower	Upper
85	100		
87	32.7	16.3	48.8





#3

Chloromethane

Concen: 1.719 ug/l

RT: 1.32 min Scan# 47

Delta R.T. -0.00 min

Lab File: VU028336.D

Acq: 26 Nov 2018 14:10

Instrument :

MSVOA_U

ClientSampleId :

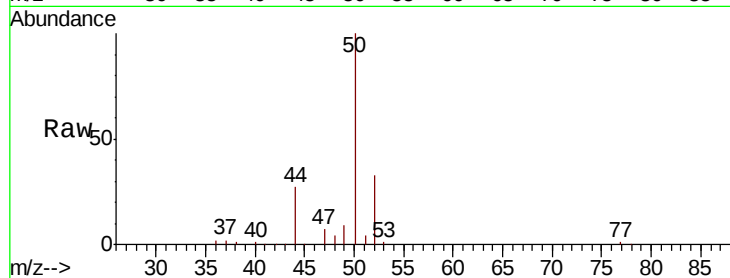
VU1126WBSD01

Tgt Ion: 50 Resp: 52857

Ion Ratio Lower Upper

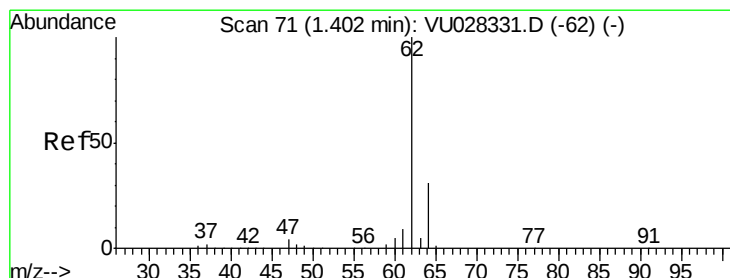
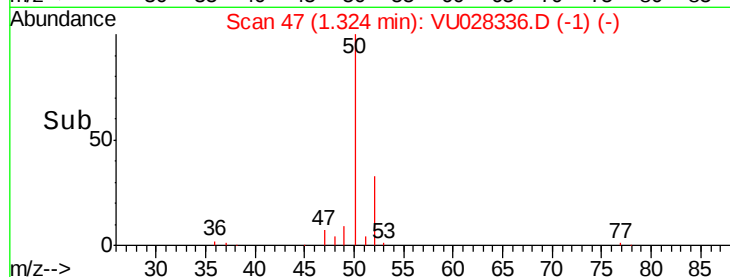
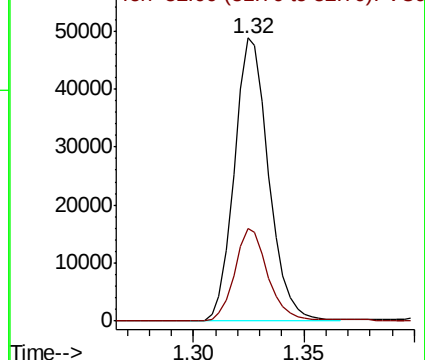
50 100

52 32.7 25.1 37.7



Abundance Ion 50.00 (49.70 to 50.70): VU0

Ion 52.00 (51.70 to 52.70): VU0



#4

Vinyl Chloride

Concen: 1.841 ug/l

RT: 1.40 min Scan# 71

Delta R.T. -0.00 min

Lab File: VU028336.D

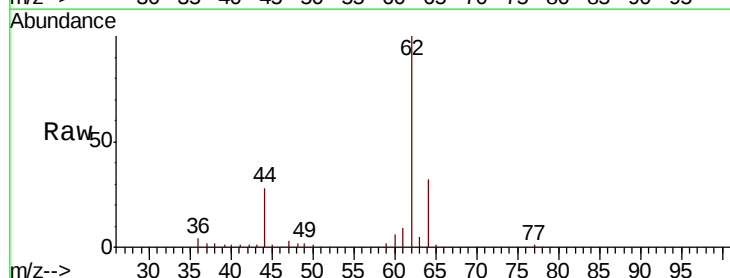
Acq: 26 Nov 2018 14:10

Tgt Ion: 62 Resp: 38730

Ion Ratio Lower Upper

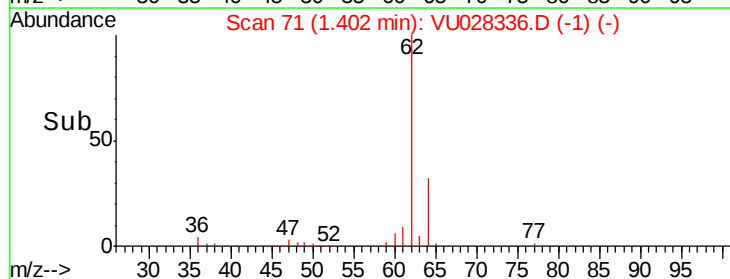
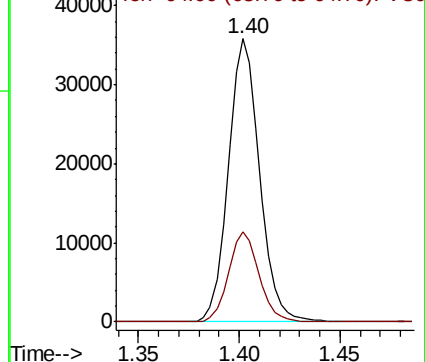
62 100

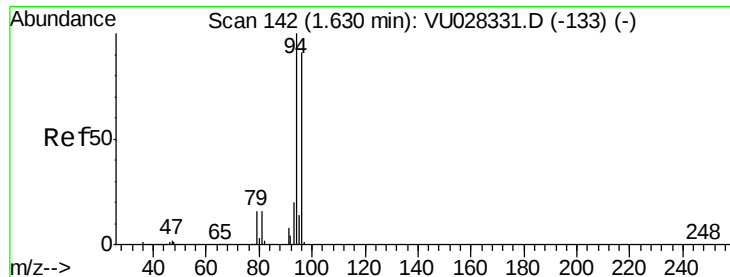
64 31.8 24.7 37.1



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 64.00 (63.70 to 64.70): VU0





#5

Bromomethane

Concen: 1.722 ug/l

RT: 1.63 min Scan# 142

Delta R.T. -0.00 min

Lab File: VU028336.D

Acq: 26 Nov 2018 14:10

Instrument :

MSVOA_U

ClientSampleId :

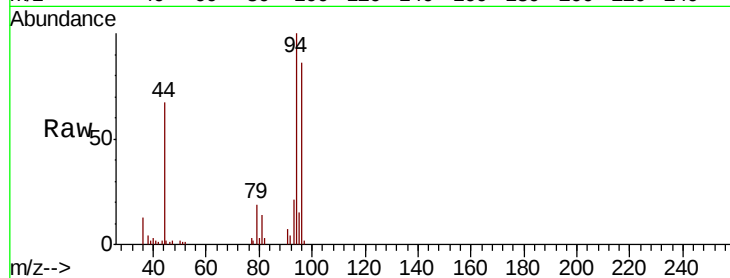
VU1126WBSD01

Tgt Ion: 94 Resp: 14274

Ion Ratio Lower Upper

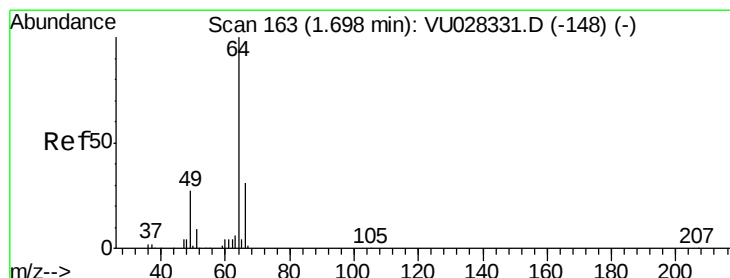
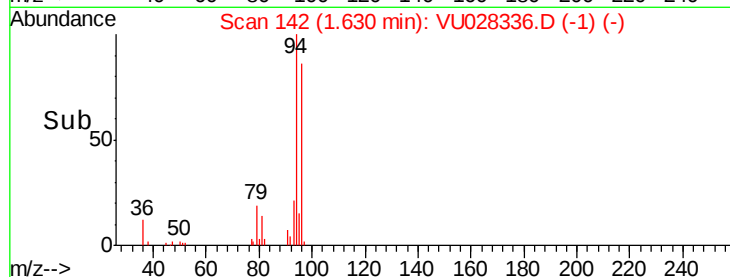
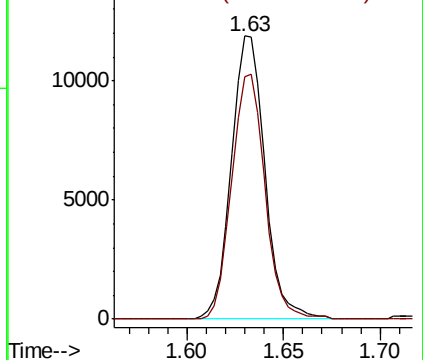
94 100

96 85.7 73.1 109.7



Abundance Ion 94.00 (93.70 to 94.70): VU0

Ion 96.00 (95.70 to 96.70): VU0



#6

Chloroethane

Concen: 1.745 ug/l

RT: 1.70 min Scan# 164

Delta R.T. 0.00 min

Lab File: VU028336.D

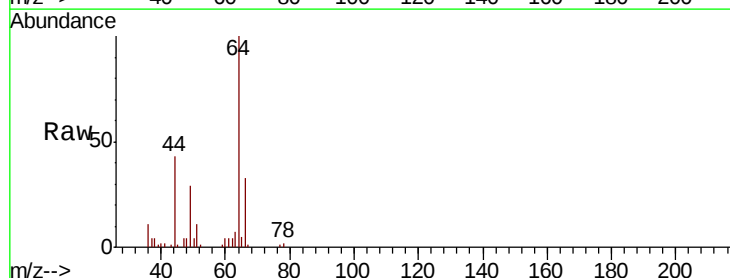
Acq: 26 Nov 2018 14:10

Tgt Ion: 64 Resp: 21428

Ion Ratio Lower Upper

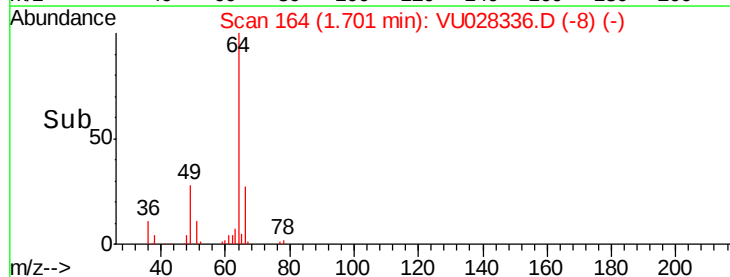
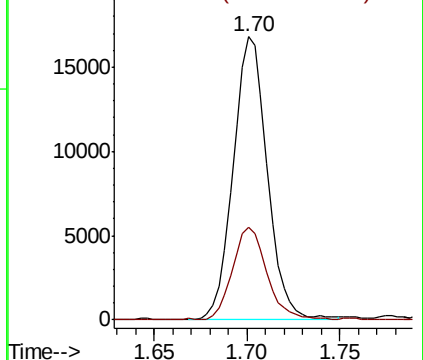
64 100

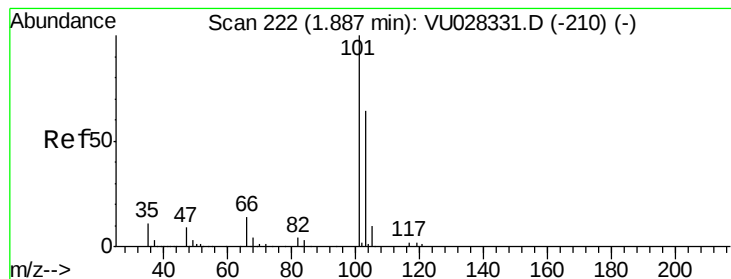
66 32.8 25.1 37.7



Abundance Ion 64.00 (63.70 to 64.70): VU0

Ion 66.00 (65.70 to 66.70): VU0



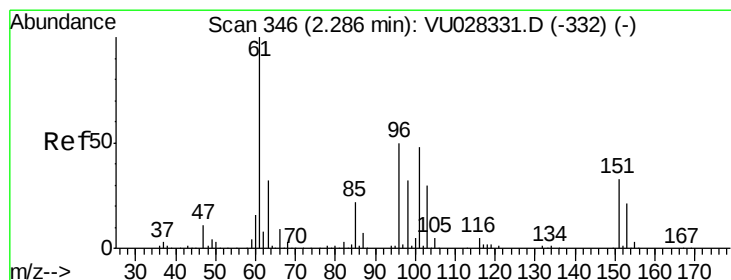
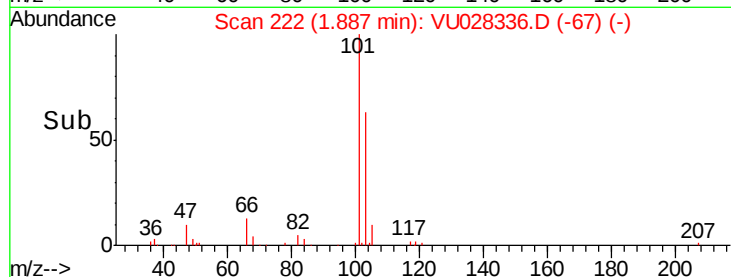
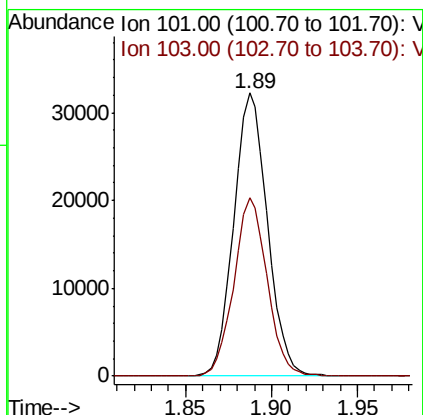
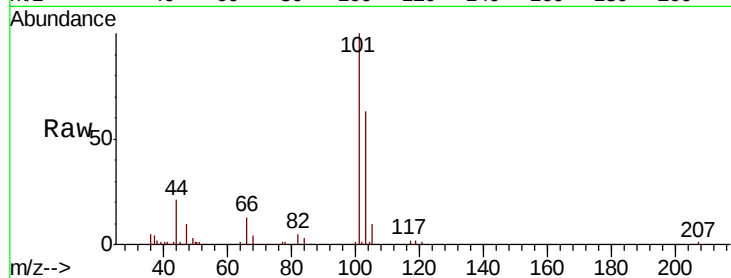


#7

Trichlorofluoromethane
 Concen: 1.910 ug/l
 RT: 1.89 min Scan# 222
 Delta R.T. -0.00 min
 Lab File: VU028336.D
 Acq: 26 Nov 2018 14:10

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1126WBSD01

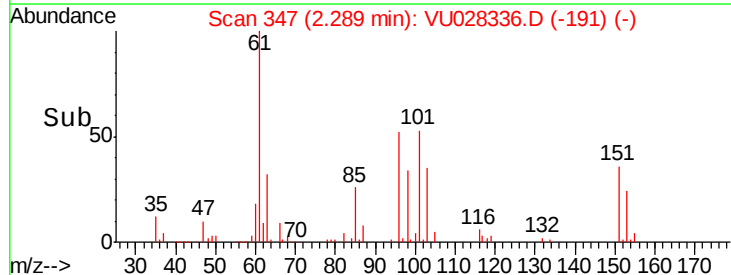
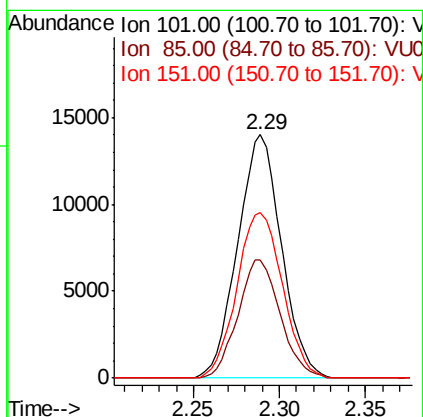
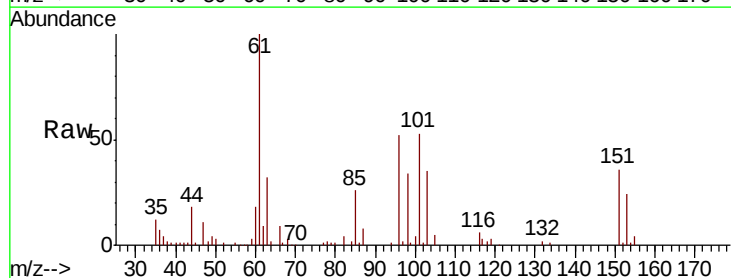
Tgt Ion:101 Resp: 43879
 Ion Ratio Lower Upper
 101 100
 103 63.0 51.4 77.0

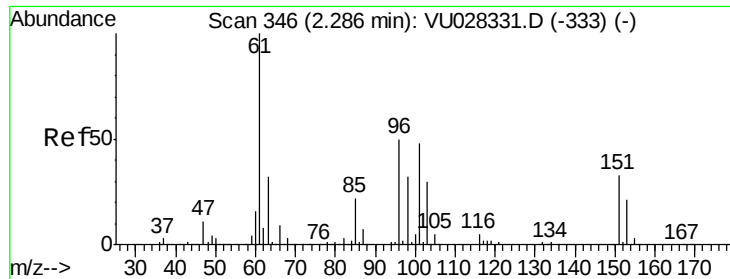


#8

1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 1.872 ug/l
 RT: 2.29 min Scan# 347
 Delta R.T. 0.00 min
 Lab File: VU028336.D
 Acq: 26 Nov 2018 14:10

Tgt Ion:101 Resp: 24747
 Ion Ratio Lower Upper
 101 100
 85 46.7 36.7 55.1
 151 70.7 55.8 83.6





#9

1,1-Dichloroethene

Concen: 1.753 ug/l

RT: 2.29 min Scan# 346

Delta R.T. -0.00 min

Lab File: VU028336.D

Acq: 26 Nov 2018 14:10

Instrument :

MSVOA_U

ClientSampleId :

VU1126WBSD01

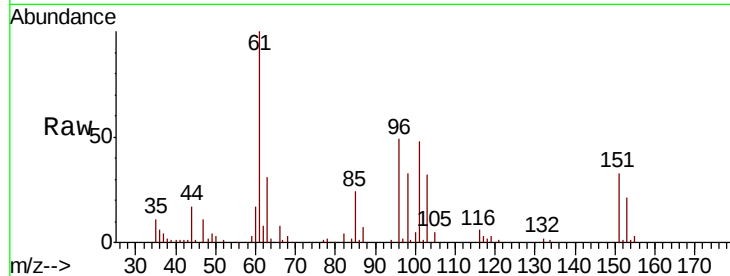
Tgt Ion: 96 Resp: 21424

Ion Ratio Lower Upper

96 100

61 202.5 0.0 597.6

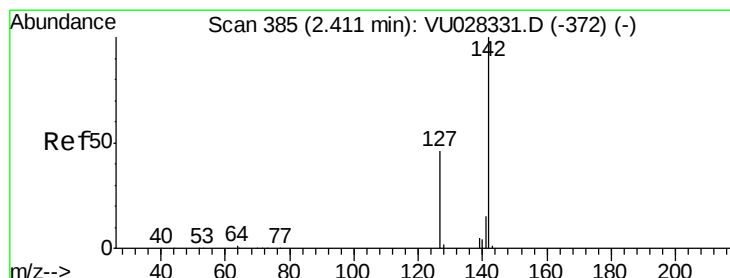
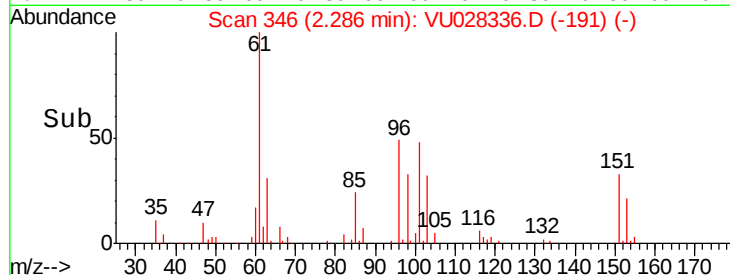
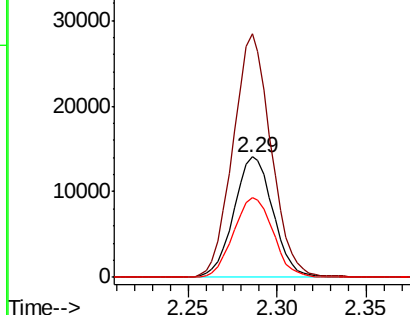
98 66.4 0.0 127.6



Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 98.00 (97.70 to 98.70): VU0



#10

Iodomethane

Concen: 2.068 ug/l

RT: 2.41 min Scan# 386

Delta R.T. 0.00 min

Lab File: VU028336.D

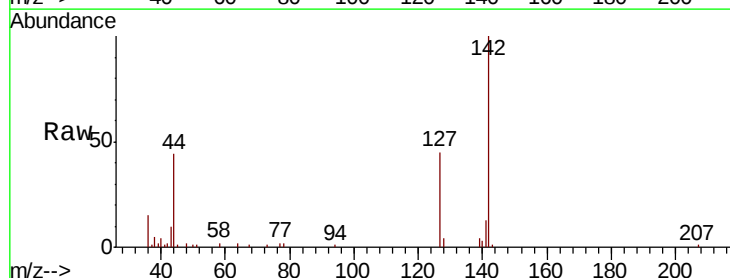
Acq: 26 Nov 2018 14:10

Tgt Ion: 142 Resp: 17097

Ion Ratio Lower Upper

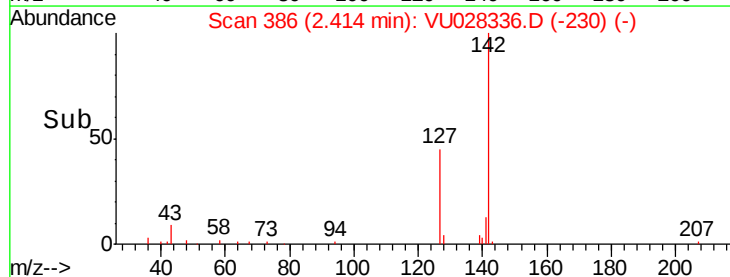
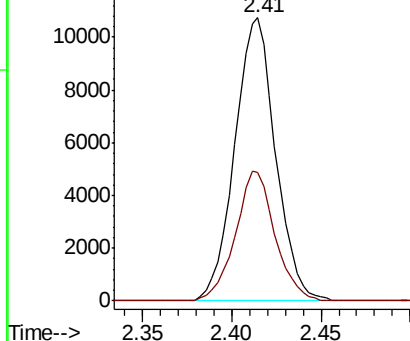
142 100

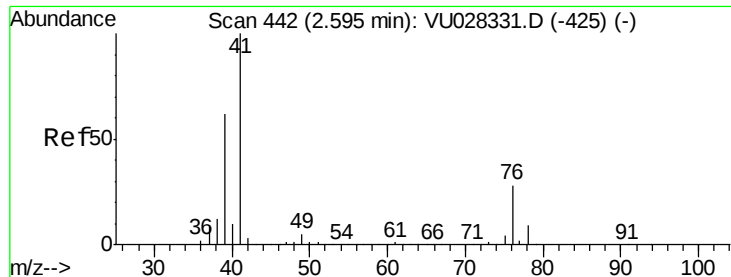
127 44.5 36.4 54.6



Abundance Ion 142.00 (141.70 to 142.70): V

Ion 127.00 (126.70 to 127.70): V

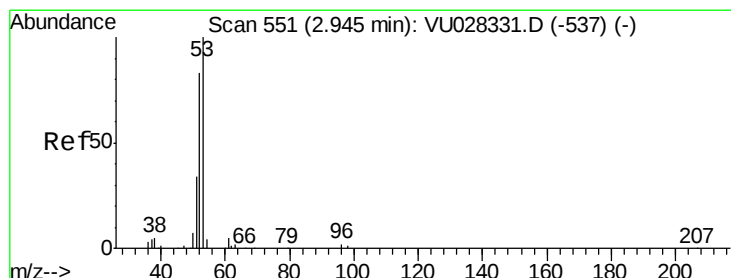
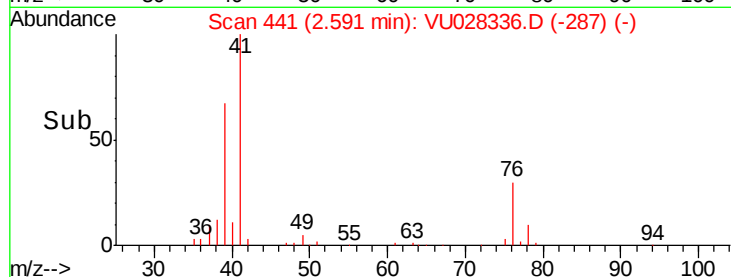
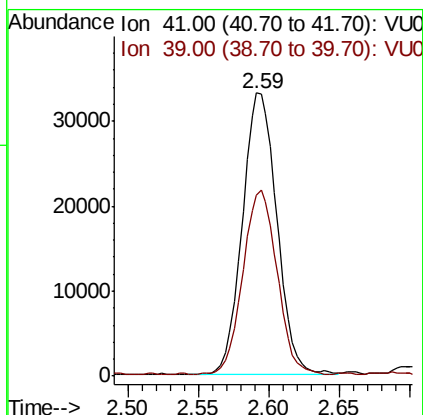
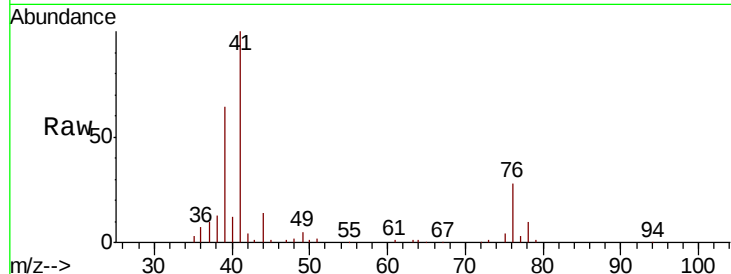




#11
 Allyl Chloride
 Concen: 1.848 ug/l
 RT: 2.59 min Scan# 441
 Delta R.T. -0.00 min
 Lab File: VU028336.D
 Acq: 26 Nov 2018 14:10

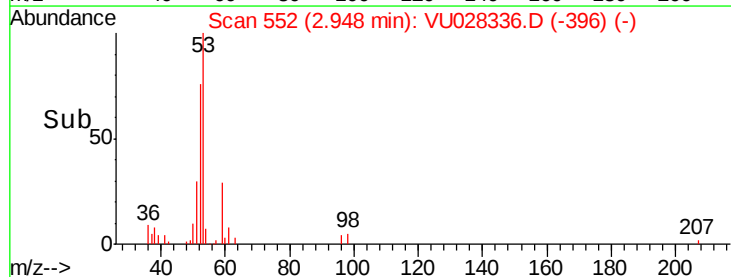
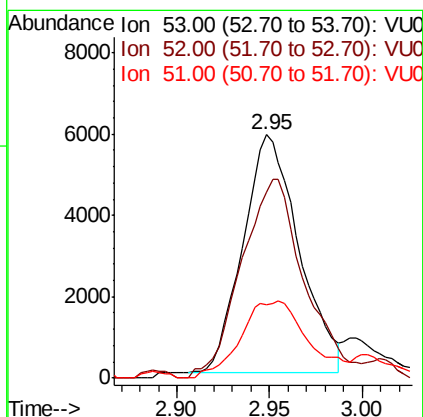
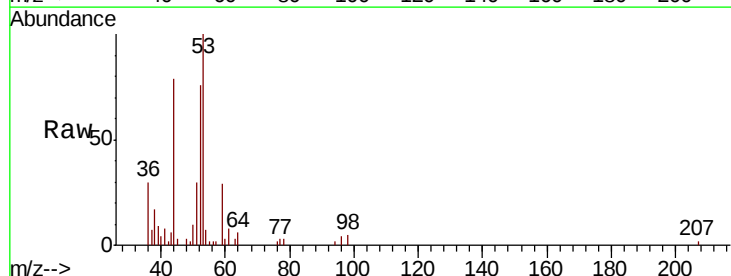
Instrument :
 MSVOA_U
 ClientSampleId :
 VU1126WBSD01

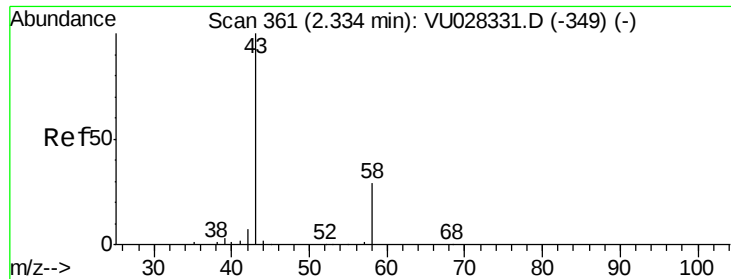
Tgt Ion: 41 Resp: 57044
 Ion Ratio Lower Upper
 41 100
 39 64.6 50.8 76.2



#12
 Acrylonitrile
 Concen: 3.137 ug/l
 RT: 2.95 min Scan# 552
 Delta R.T. 0.00 min
 Lab File: VU028336.D
 Acq: 26 Nov 2018 14:10

Tgt Ion: 53 Resp: 12216
 Ion Ratio Lower Upper
 53 100
 52 94.8 69.3 103.9
 51 39.4 27.8 41.8





#13

Acetone

Concen: 9.552 ug/l

RT: 2.35 min Scan# 365

Delta R.T. 0.01 min

Lab File: VU028336.D

Acq: 26 Nov 2018 14:10

Instrument :

MSVOA_U

ClientSampleId :

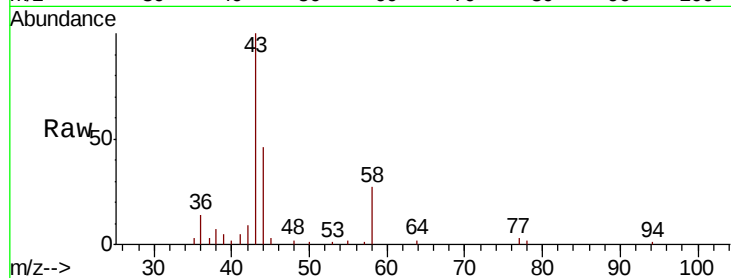
VU1126WBSD01

Tgt Ion: 43 Resp: 34467

Ion Ratio Lower Upper

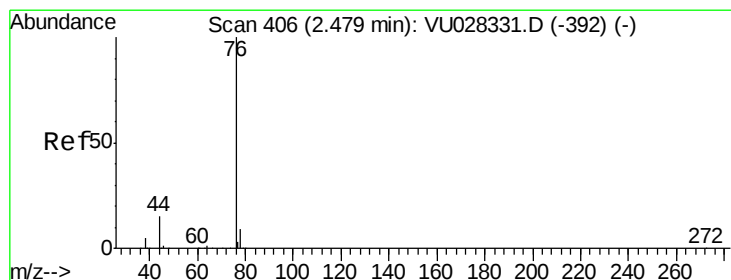
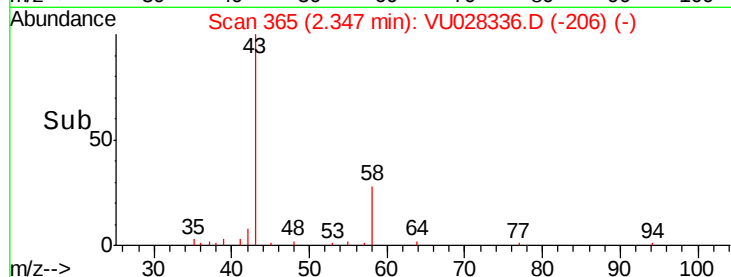
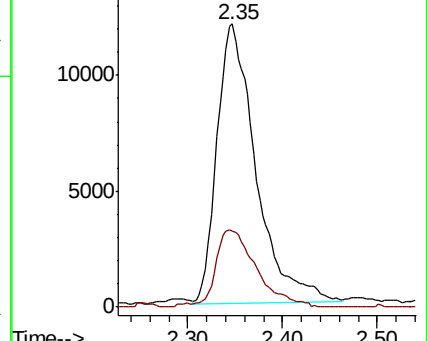
43 100

58 27.5 23.1 34.7



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0



#14

Carbon Disulfide

Concen: 1.799 ug/l

RT: 2.48 min Scan# 406

Delta R.T. -0.00 min

Lab File: VU028336.D

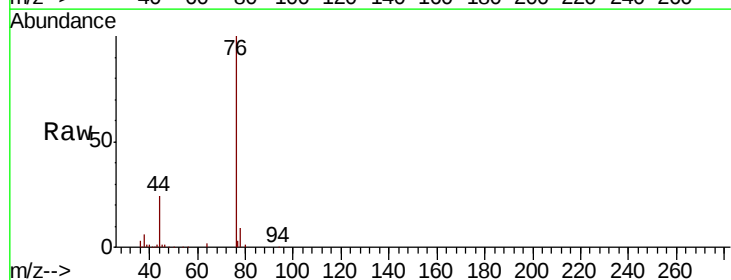
Acq: 26 Nov 2018 14:10

Tgt Ion: 76 Resp: 83511

Ion Ratio Lower Upper

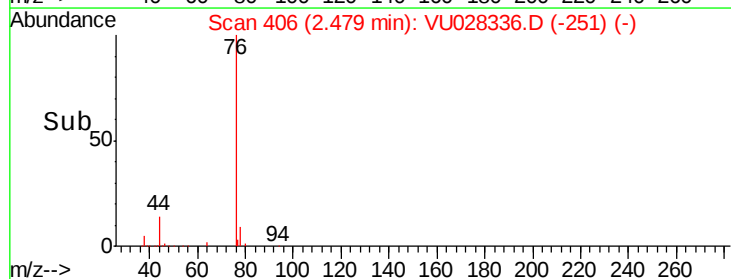
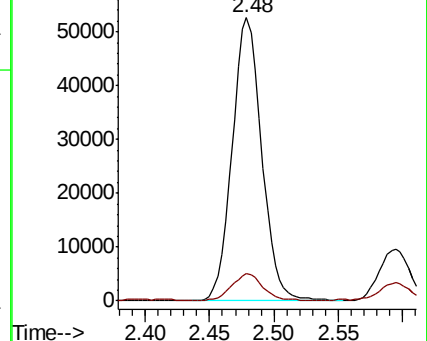
76 100

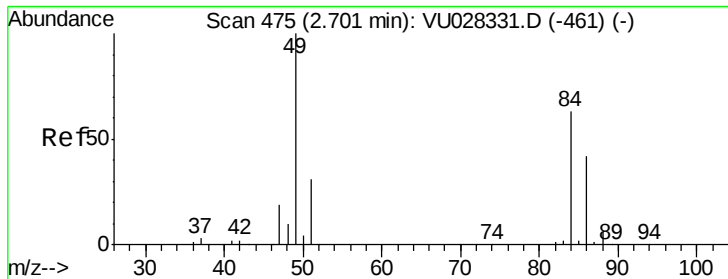
78 9.2 7.4 11.2



Abundance Ion 76.00 (75.70 to 76.70): VU0

Ion 78.00 (77.70 to 78.70): VU0

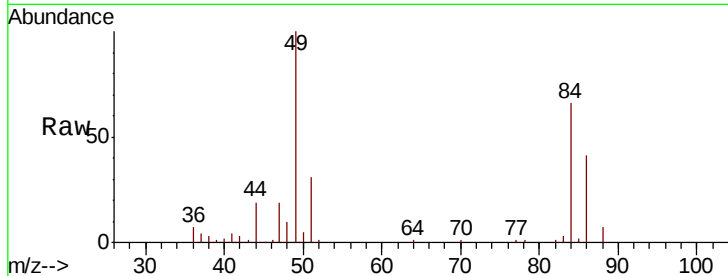




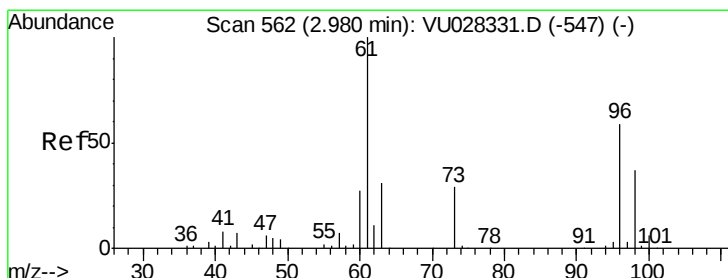
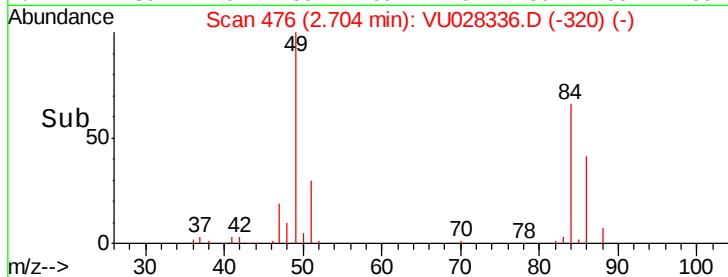
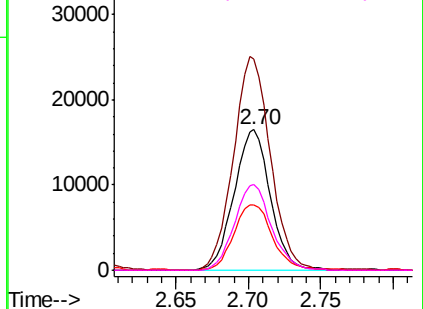
#15
Methylene Chloride
Concen: 1.917 ug/l
RT: 2.70 min Scan# 476
Delta R.T. 0.00 min
Lab File: VU028336.D
Acq: 26 Nov 2018 14:10

Instrument :
MSVOA_U
ClientSampleId :
VU1126WBSD01

Tgt Ion: 84 Resp: 28577
Ion Ratio Lower Upper
84 100
49 150.9 127.7 191.5
51 46.9 0.0 98.2
86 61.6 53.1 79.7

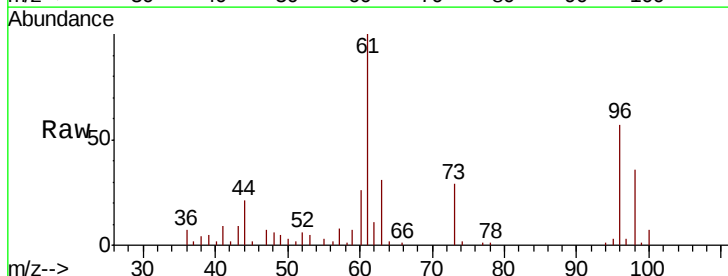


Abundance Ion 84.00 (83.70 to 84.70): VU0
Ion 49.00 (48.70 to 49.70): VU0
Ion 51.00 (50.70 to 51.70): VU0
Ion 86.00 (85.70 to 86.70): VU0

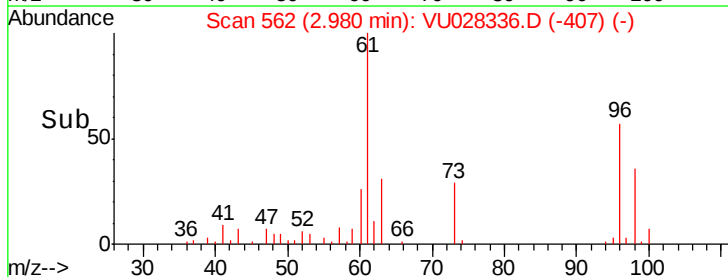
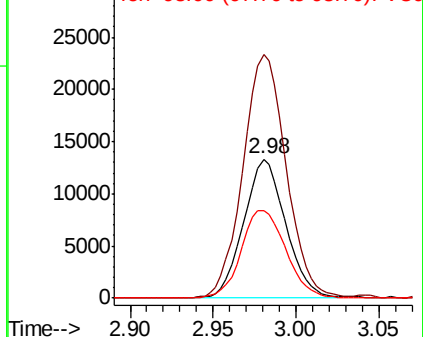


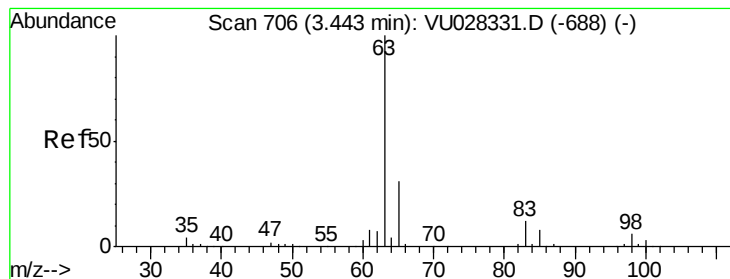
#16
trans-1,2-Dichloroethene
Concen: 1.712 ug/l
RT: 2.98 min Scan# 562
Delta R.T. -0.00 min
Lab File: VU028336.D
Acq: 26 Nov 2018 14:10

Tgt Ion: 96 Resp: 23419
Ion Ratio Lower Upper
96 100
61 175.2 136.4 204.6
98 63.1 49.8 74.8



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: 1.835 ug/l

RT: 3.44 min Scan# 706

Delta R.T. -0.00 min

Lab File: VU028336.D

Acq: 26 Nov 2018 14:10

Instrument :

MSVOA_U

ClientSampleId :

VU1126WBSD01

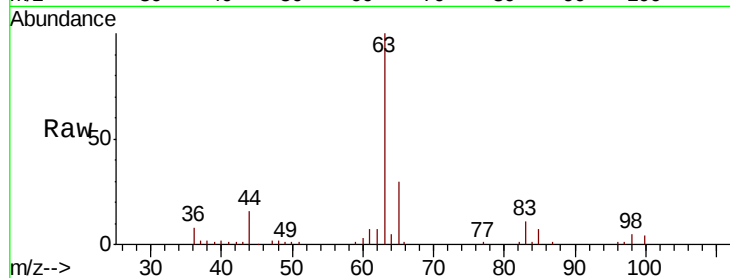
Tgt Ion: 63 Resp: 55953

Ion Ratio Lower Upper

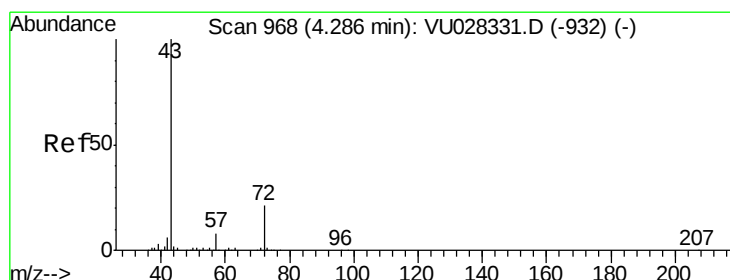
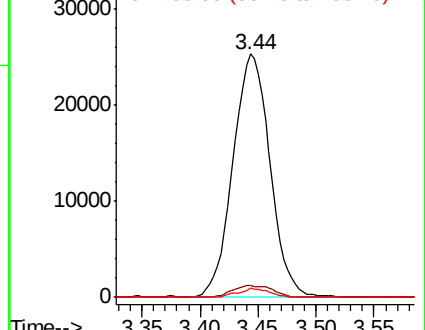
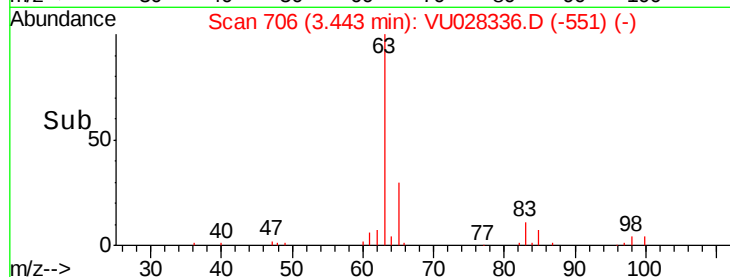
63 100

98 4.8 3.0 9.0

100 3.7 1.8 5.3



Abundance Ion 63.00 (62.70 to 63.70): VU028336.D (-551) (-)



#18

2-Butanone

Concen: 9.113 ug/l

RT: 4.30 min Scan# 971

Delta R.T. 0.01 min

Lab File: VU028336.D

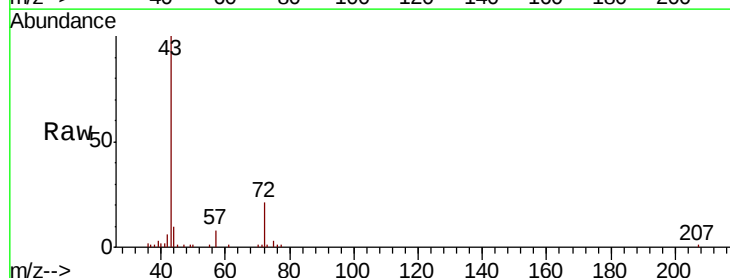
Acq: 26 Nov 2018 14:10

Tgt Ion: 43 Resp: 49137

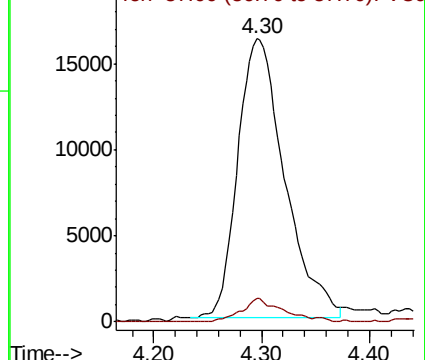
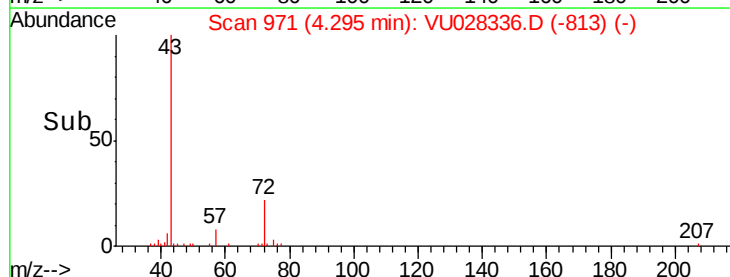
Ion Ratio Lower Upper

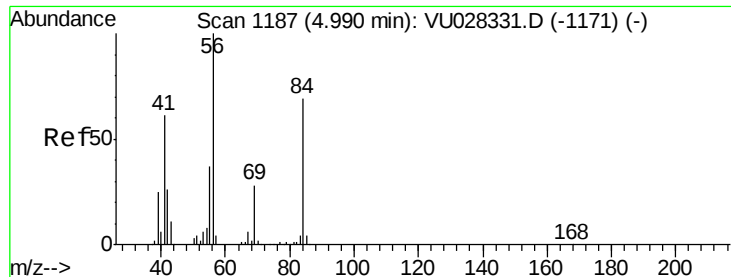
43 100

57 8.4 0.0 15.0



Abundance Ion 43.00 (42.70 to 43.70): VU028336.D (-813) (-)

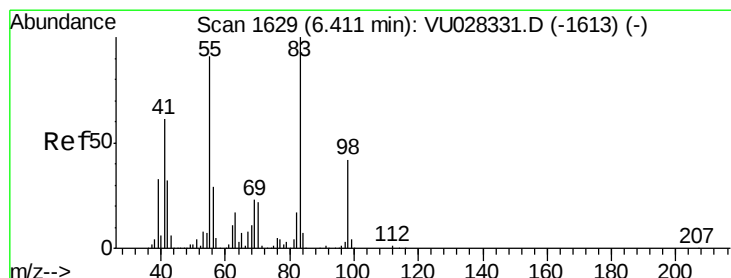
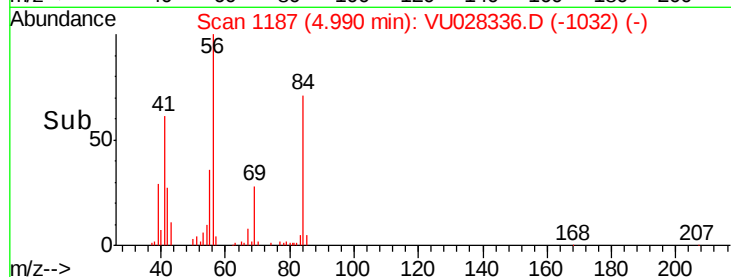
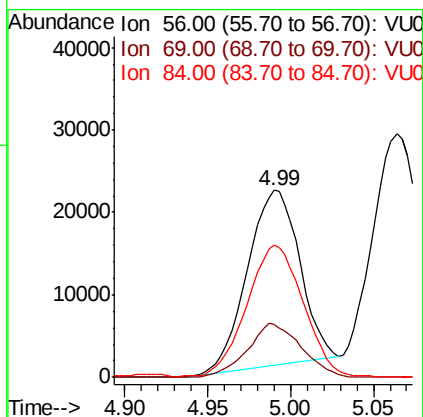
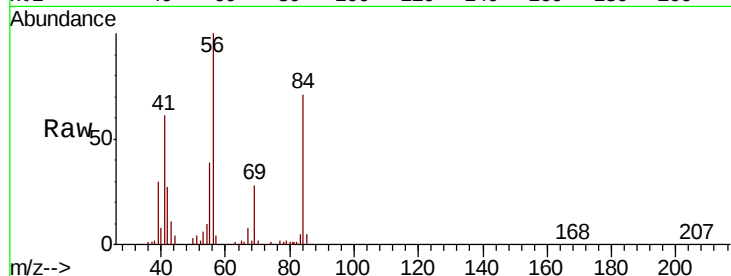




#19
Cyclohexane
Concen: 1.764 ug/l
RT: 4.99 min Scan# 1187
Delta R.T. -0.00 min
Lab File: VU028336.D
Acq: 26 Nov 2018 14:10

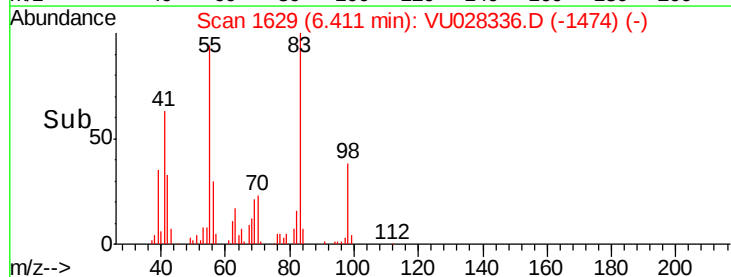
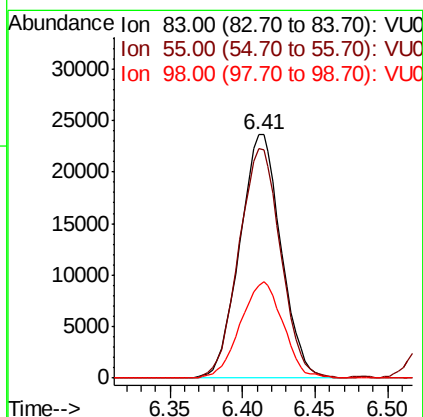
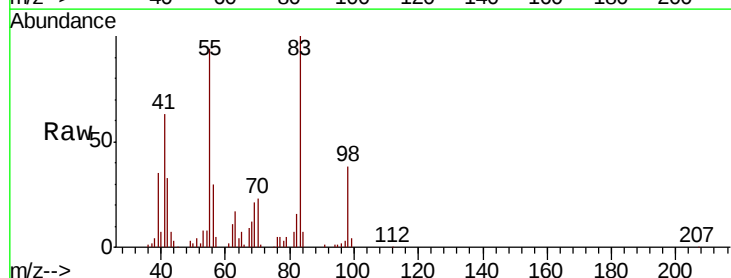
Instrument :
MSVOA_U
ClientSampleId :
VU1126WBSD01

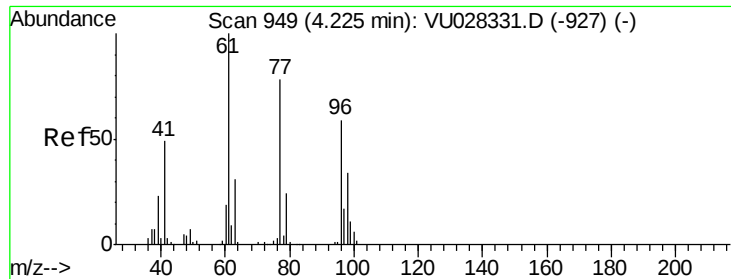
Tgt Ion: 56 Resp: 46698
Ion Ratio Lower Upper
56 100
69 31.5 25.0 37.6
84 81.0 62.6 94.0



#20
Methylcyclohexane
Concen: 1.805 ug/l
RT: 6.41 min Scan# 1629
Delta R.T. -0.00 min
Lab File: VU028336.D
Acq: 26 Nov 2018 14:10

Tgt Ion: 83 Resp: 46787
Ion Ratio Lower Upper
83 100
55 95.5 72.6 108.8
98 40.9 33.8 50.8





#21

2,2-Dichloropropane

Concen: 1.851 ug/l

RT: 4.22 min Scan# 949

Delta R.T. -0.00 min

Lab File: VU028336.D

Acq: 26 Nov 2018 14:10

Instrument :

MSVOA_U

ClientSampleId :

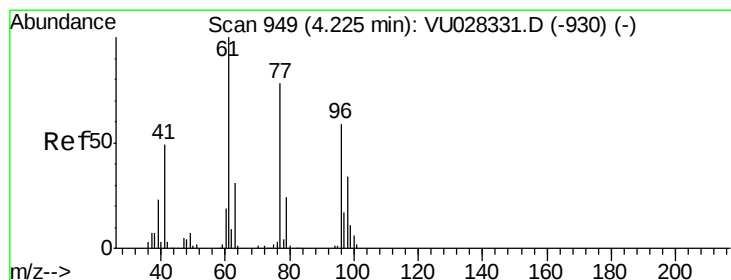
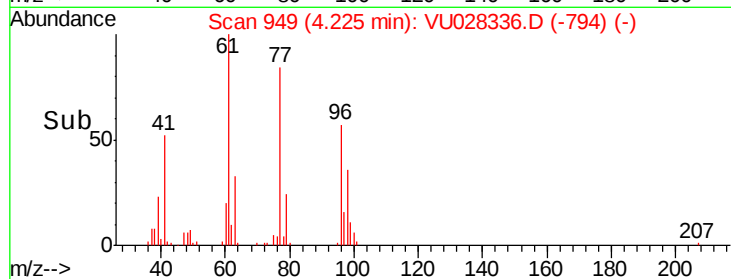
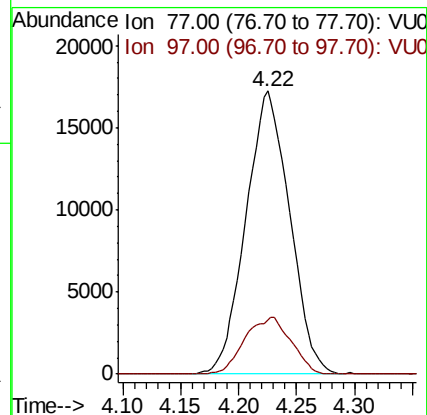
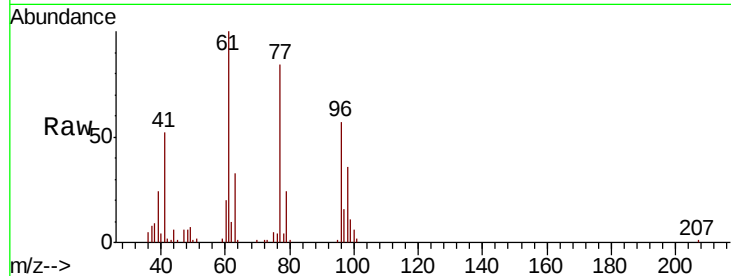
VU1126WBSD01

Tgt Ion: 77 Resp: 45296

Ion Ratio Lower Upper

77 100

97 21.1 17.4 26.2



#22

cis-1,2-Dichloroethene

Concen: 1.791 ug/l

RT: 4.22 min Scan# 949

Delta R.T. -0.00 min

Lab File: VU028336.D

Acq: 26 Nov 2018 14:10

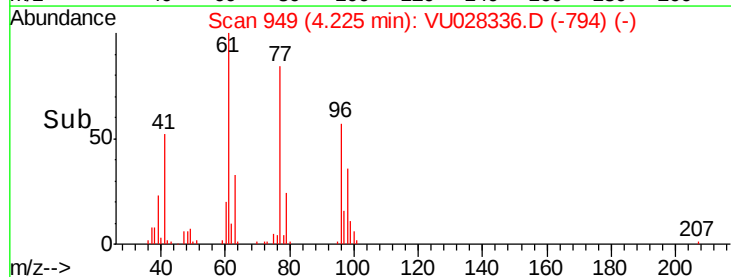
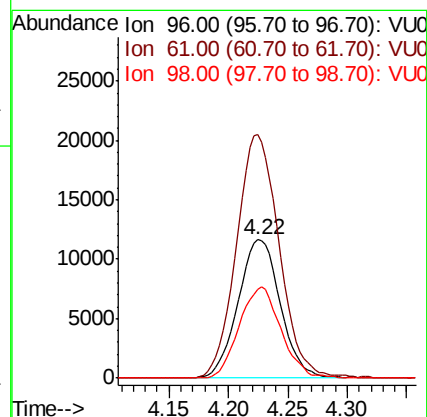
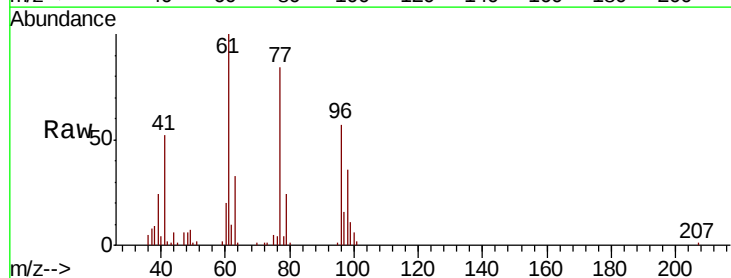
Tgt Ion: 96 Resp: 28678

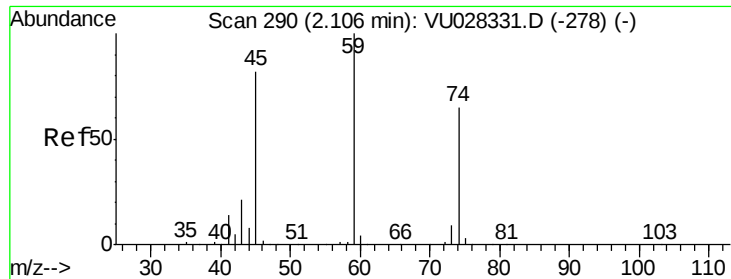
Ion Ratio Lower Upper

96 100

61 176.8 0.0 423.0

98 64.9 30.3 91.0





#23

Diethyl Ether

Concen: 1.812 ug/l

RT: 2.11 min Scan# 290

Delta R.T. -0.00 min

Lab File: VU028336.D

Acq: 26 Nov 2018 14:10

Instrument :

MSVOA_U

ClientSampleId :

VU1126WBSD01

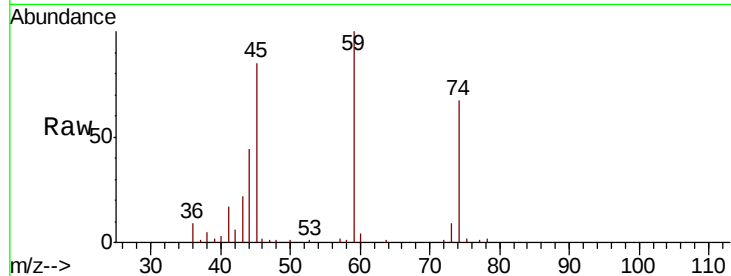
Tgt Ion: 59 Resp: 22208

Ion Ratio Lower Upper

59 100

45 87.7 66.4 99.6

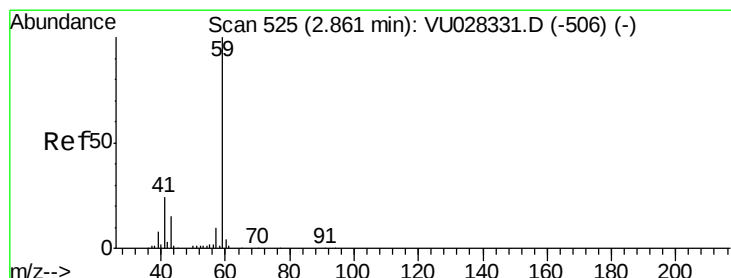
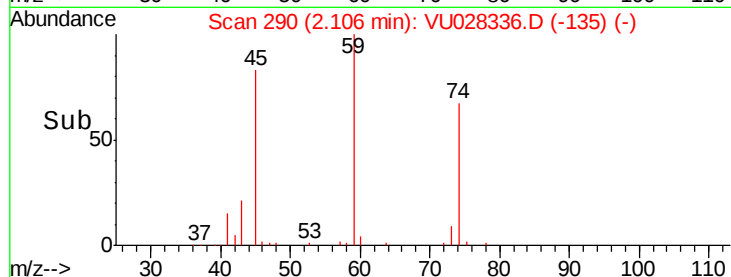
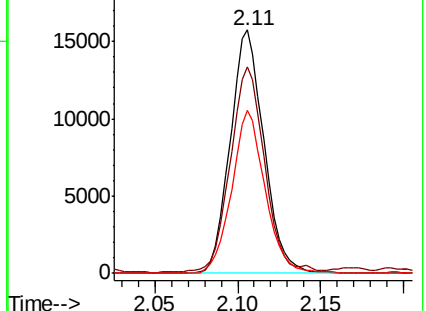
74 66.4 52.2 78.4



Abundance Ion 59.00 (58.70 to 59.70): VU0

Ion 45.00 (44.70 to 45.70): VU0

Ion 74.00 (73.70 to 74.70): VU0



#24

tert-Butyl Alcohol

Concen: 11.669 ug/l

RT: 2.89 min Scan# 533

Delta R.T. 0.03 min

Lab File: VU028336.D

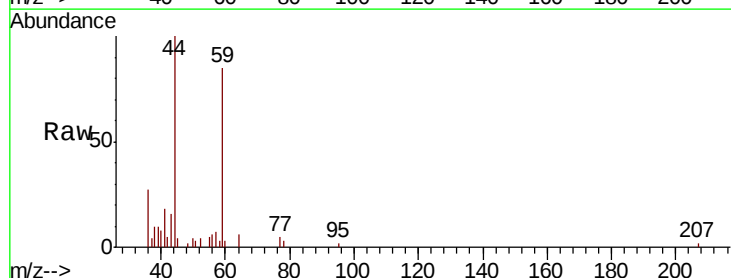
Acq: 26 Nov 2018 14:10

Tgt Ion: 59 Resp: 14353

Ion Ratio Lower Upper

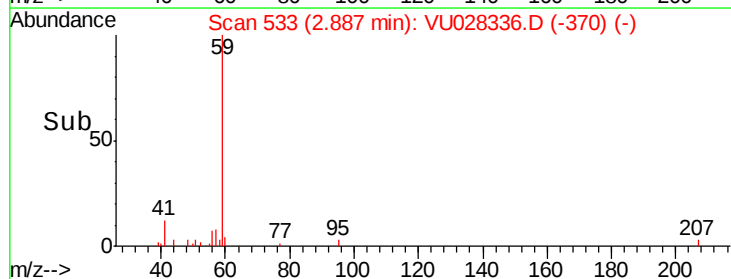
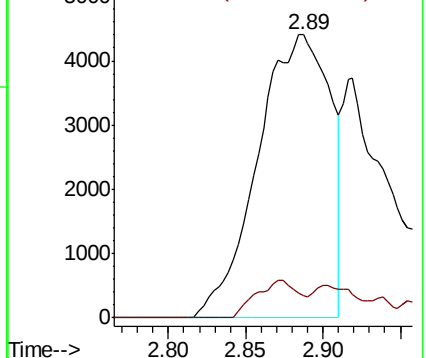
59 100

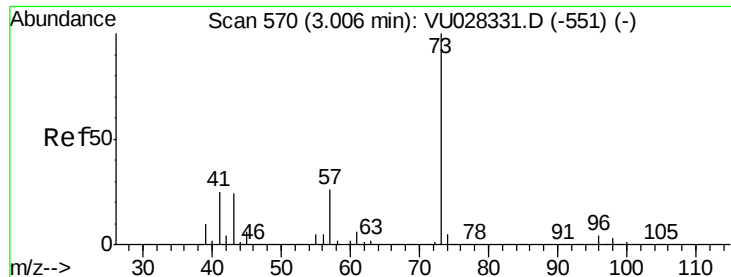
57 7.9 8.2 12.4#



Abundance Ion 59.00 (58.70 to 59.70): VU0

Ion 57.00 (56.70 to 57.70): VU0





#25

Methyl tert-Butyl Ether

Concen: 1.879 ug/l

RT: 3.00 min Scan# 569

Delta R.T. -0.00 min

Lab File: VU028336.D

Acq: 26 Nov 2018 14:10

Instrument :

MSVOA_U

ClientSampleId :

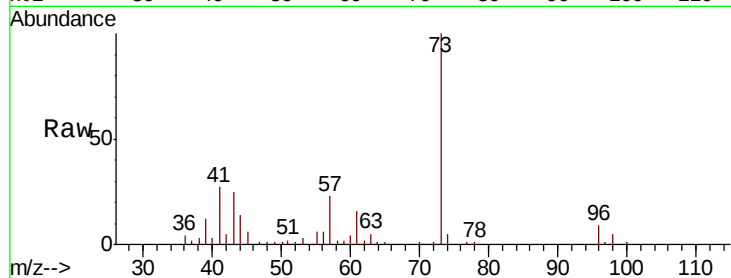
VU1126WBSD01

Tgt Ion: 73 Resp: 68215

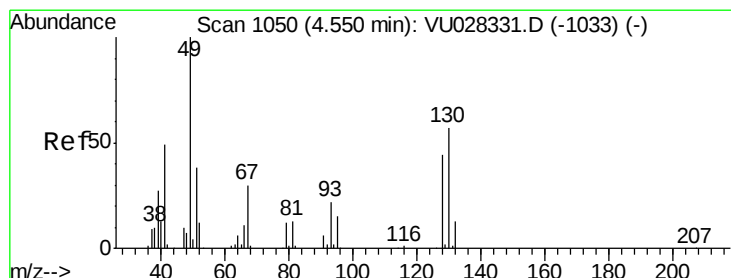
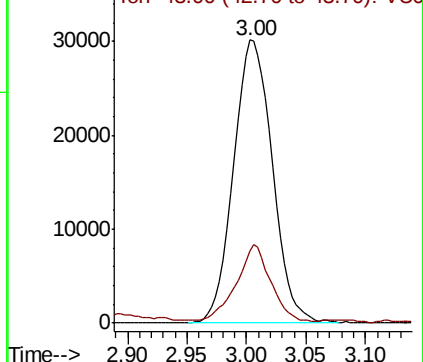
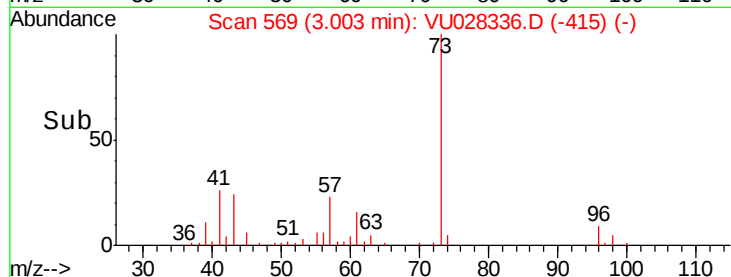
Ion Ratio Lower Upper

73 100

43 23.6 18.5 27.7



Abundance Ion 73.00 (72.70 to 73.70): VU028336.D (-415) (-)



#26

Bromochloromethane

Concen: 1.883 ug/l

RT: 4.55 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VU028336.D

Acq: 26 Nov 2018 14:10

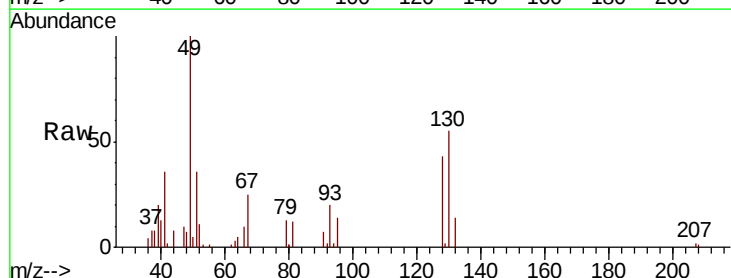
Tgt Ion: 128 Resp: 11491

Ion Ratio Lower Upper

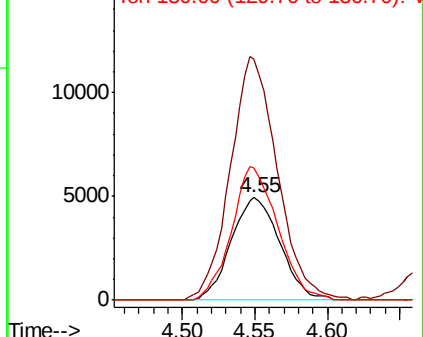
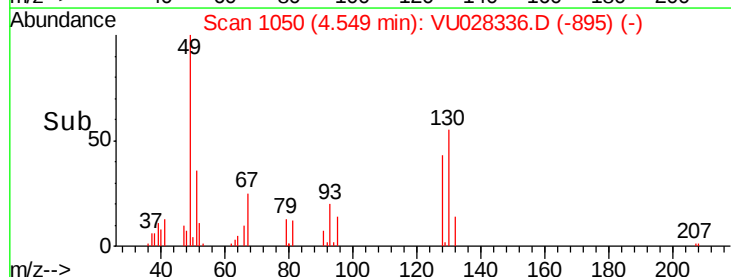
128 100

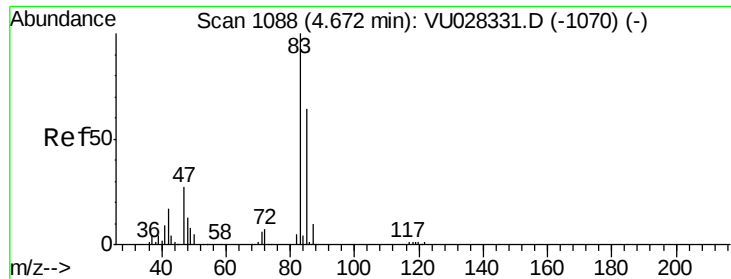
49 229.7 0.0 457.6

130 123.9 101.4 152.2



Abundance Ion 128.00 (127.70 to 128.70): VU028336.D (-895) (-)





#27

Chloroform

Concen: 1.788 ug/l

RT: 4.67 min Scan# 1089

Delta R.T. 0.00 min

Lab File: VU028336.D

Acq: 26 Nov 2018 14:10

Instrument :

MSVOA_U

ClientSampleId :

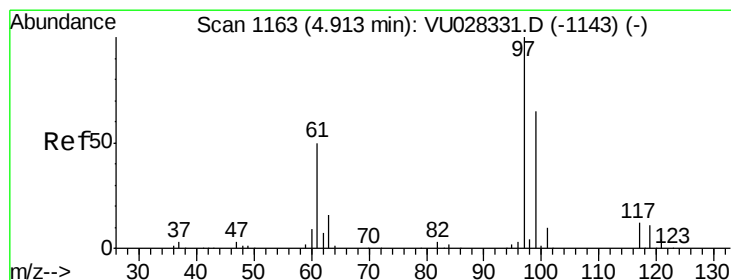
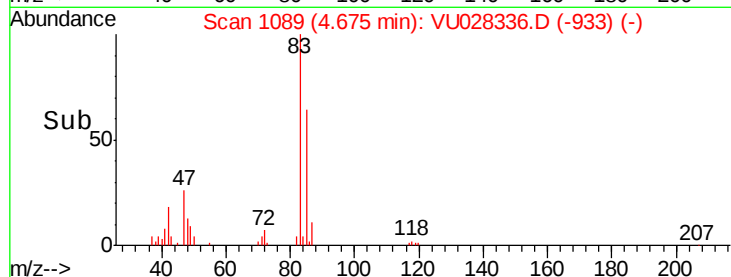
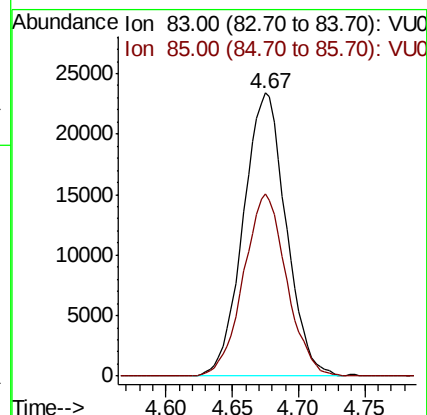
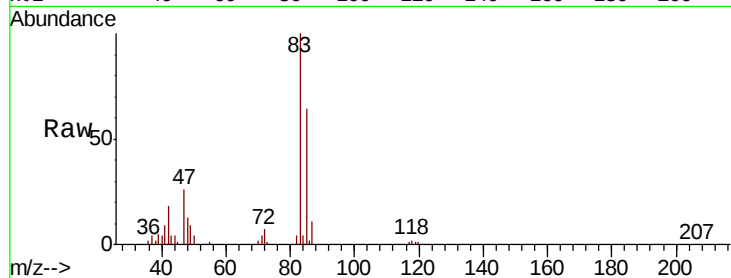
VU1126WBSD01

Tgt Ion: 83 Resp: 52583

Ion Ratio Lower Upper

83 100

85 64.3 0.0 128.0



#28

1,1,1-Trichloroethane

Concen: 1.739 ug/l

RT: 4.91 min Scan# 1163

Delta R.T. -0.00 min

Lab File: VU028336.D

Acq: 26 Nov 2018 14:10

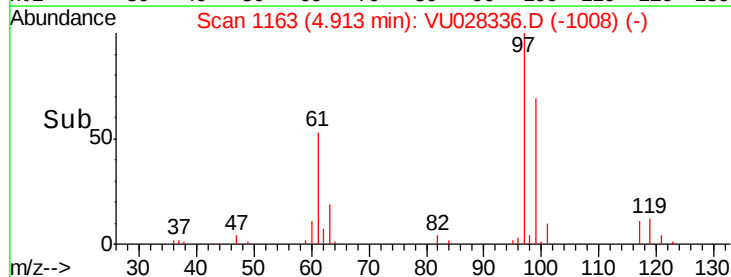
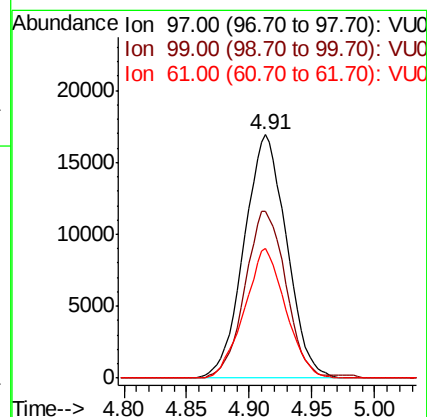
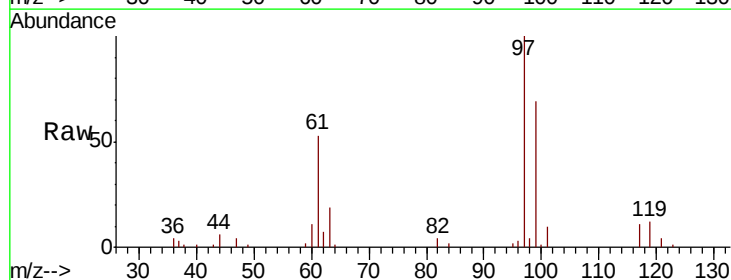
Tgt Ion: 97 Resp: 39942

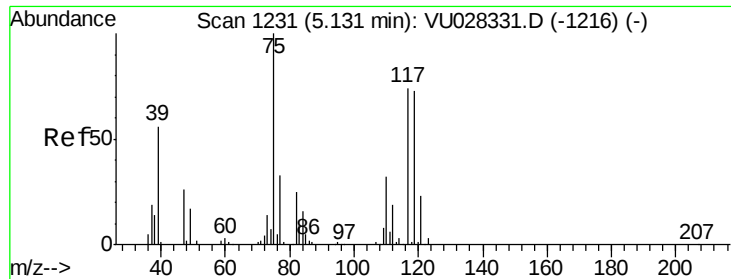
Ion Ratio Lower Upper

97 100

99 65.9 32.2 96.6

61 51.5 24.9 74.7

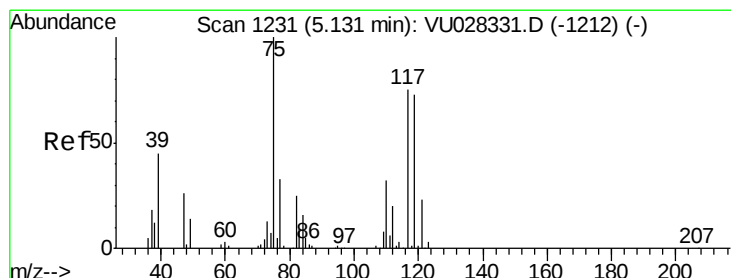
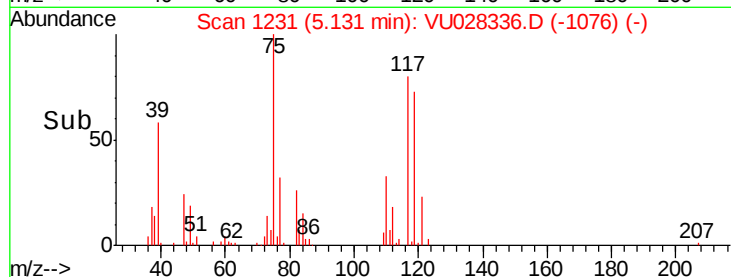
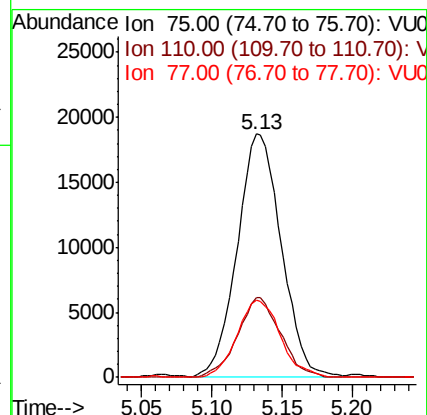
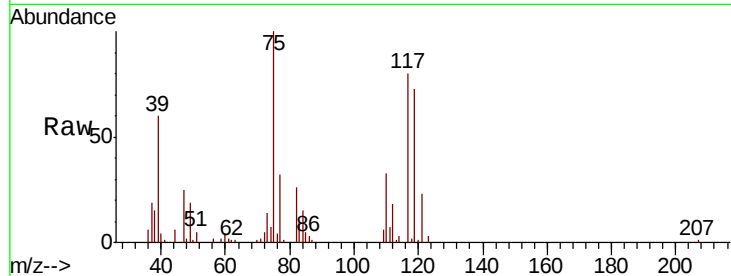




#29
 1,1-Dichloropropene
 Concen: 1.863 ug/l
 RT: 5.13 min Scan# 1231
 Delta R.T. -0.00 min
 Lab File: VU028336.D
 Acq: 26 Nov 2018 14:10

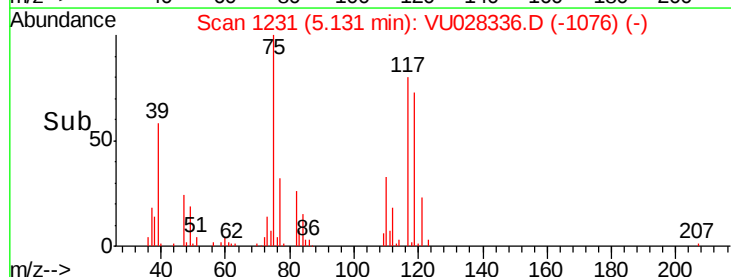
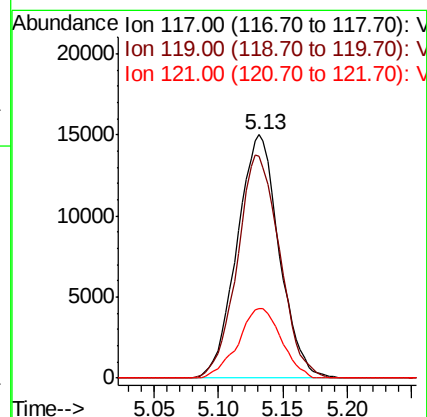
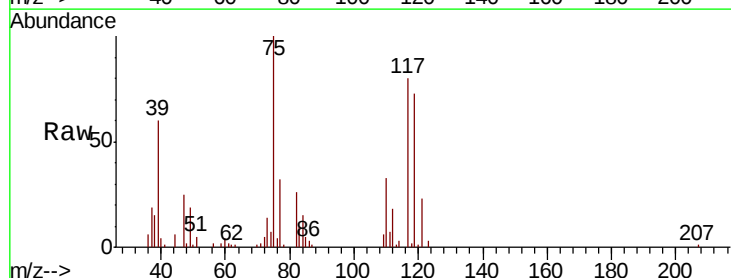
Instrument :
 MSVOA_U
 ClientSampleId :
 VU1126WBSD01

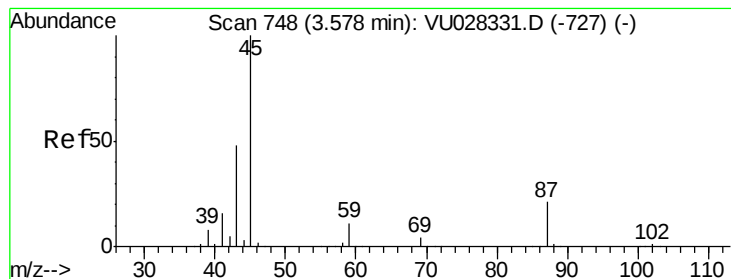
Tgt Ion: 75 Resp: 41041
 Ion Ratio Lower Upper
 75 100
 110 31.7 15.8 47.3
 77 31.2 25.4 38.0



#30
 Carbon Tetrachloride
 Concen: 1.838 ug/l
 RT: 5.13 min Scan# 1231
 Delta R.T. -0.00 min
 Lab File: VU028336.D
 Acq: 26 Nov 2018 14:10

Tgt Ion: 117 Resp: 34097
 Ion Ratio Lower Upper
 117 100
 119 90.9 78.2 117.4
 121 28.6 24.7 37.1





#31

Isopropyl Ether

Concen: 1.897 ug/l

RT: 3.58 min Scan# 748

Delta R.T. -0.00 min

Lab File: VU028336.D

Acq: 26 Nov 2018 14:10

Instrument :

MSVOA_U

ClientSampleId :

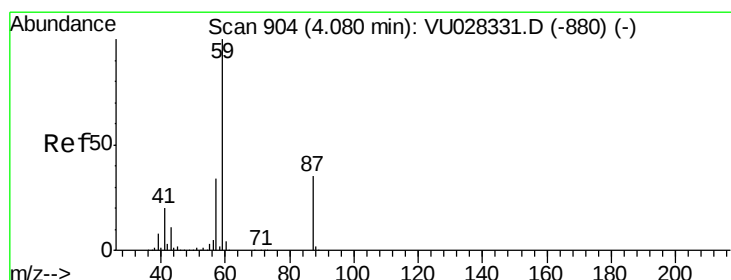
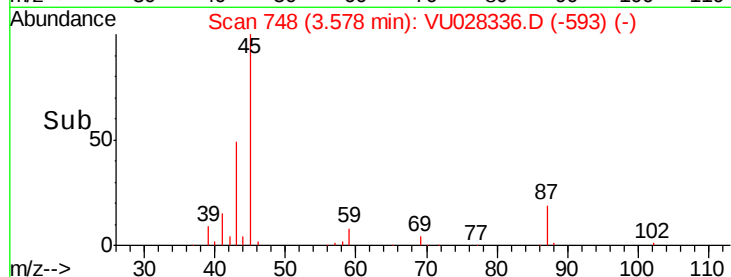
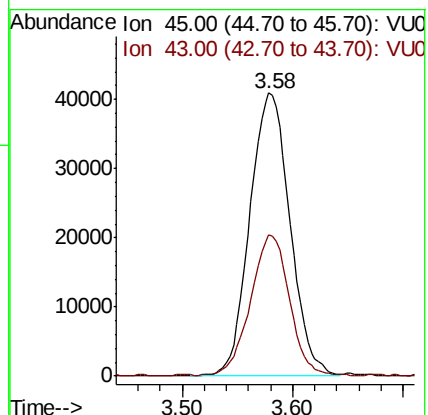
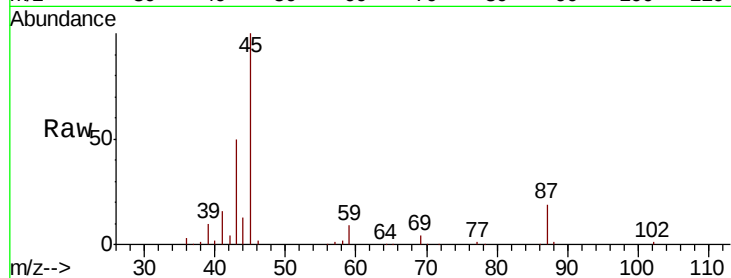
VU1126WBSD01

Tgt Ion: 45 Resp: 103581

Ion Ratio Lower Upper

45 100

43 48.7 24.2 72.6



#32

Ethyl-t-butyl ether

Concen: 1.803 ug/l

RT: 4.08 min Scan# 903

Delta R.T. -0.00 min

Lab File: VU028336.D

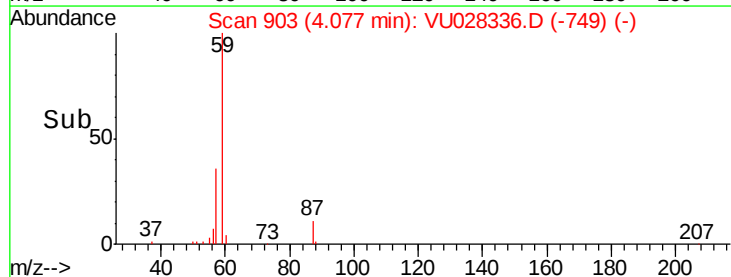
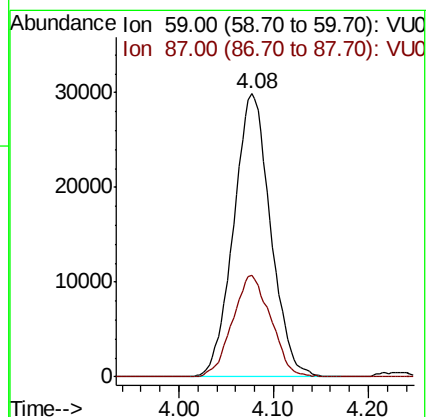
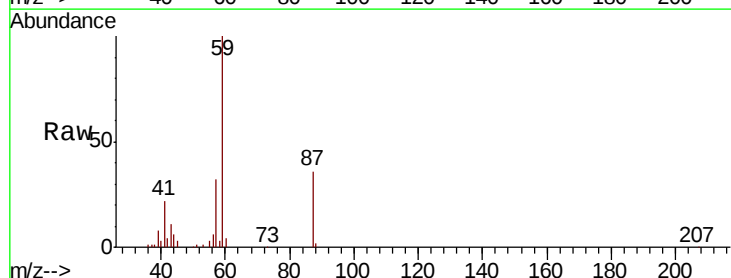
Acq: 26 Nov 2018 14:10

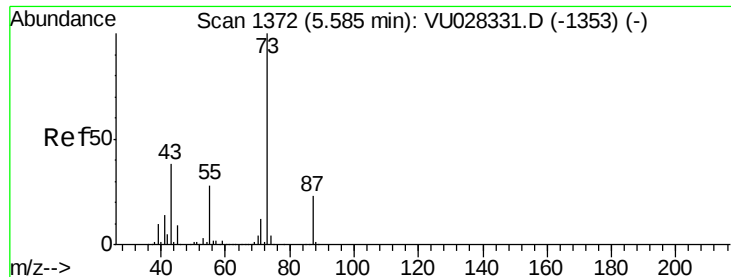
Tgt Ion: 59 Resp: 81087

Ion Ratio Lower Upper

59 100

87 37.1 28.2 42.4

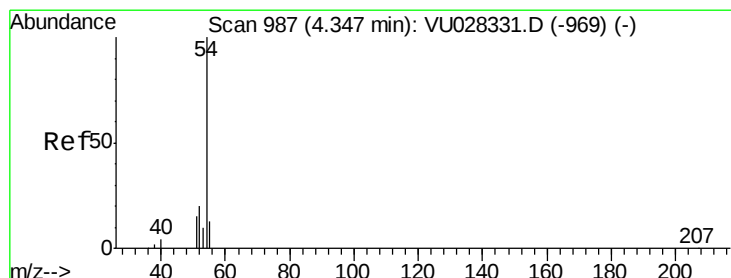
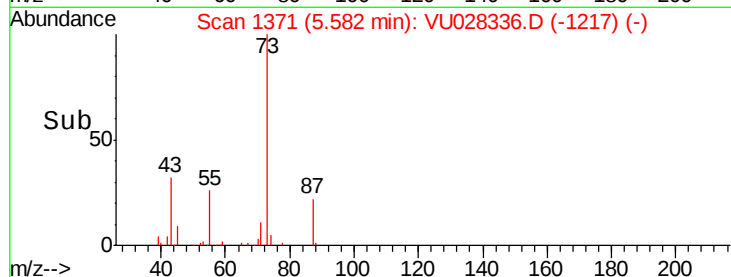
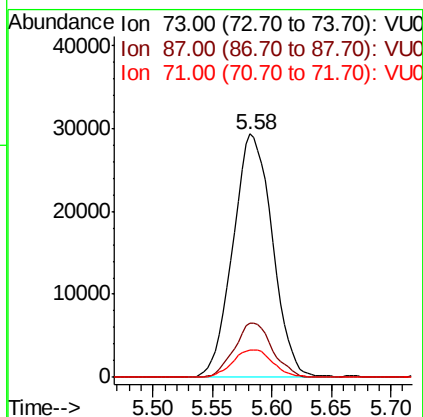
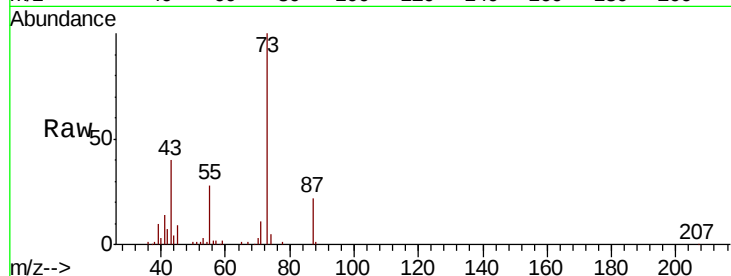




#33
Tert-Amyl methyl ether
Concen: 1.807 ug/l
RT: 5.58 min Scan# 1371
Delta R.T. -0.00 min
Lab File: VU028336.D
Acq: 26 Nov 2018 14:10

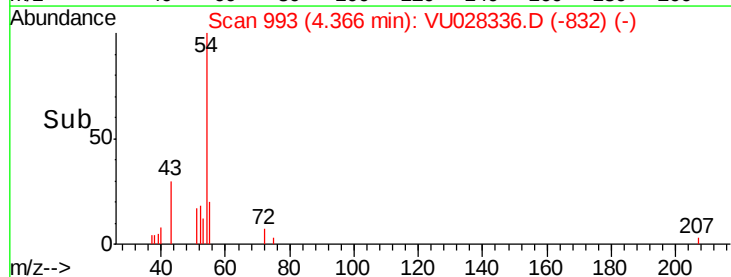
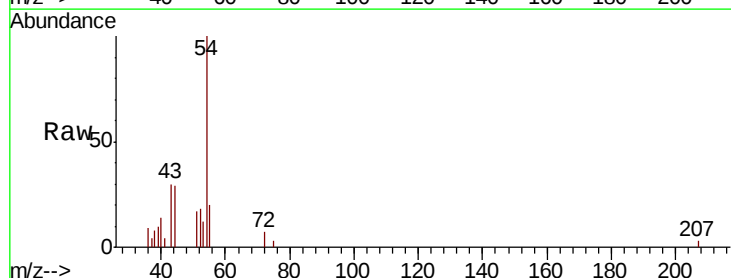
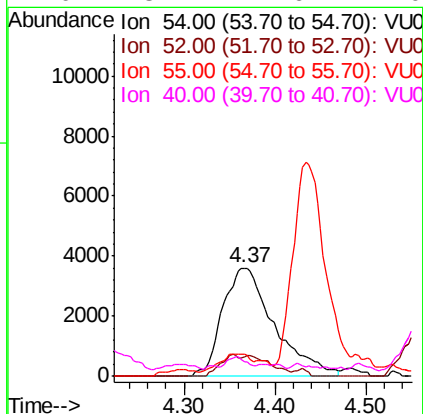
Instrument :
MSVOA_U
ClientSampleId :
VU1126WBSD01

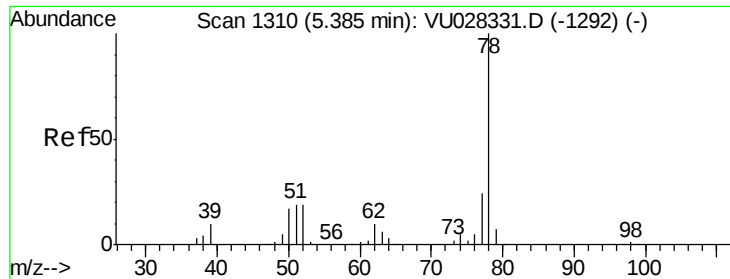
Tgt Ion: 73 Resp: 67443
Ion Ratio Lower Upper
73 100
87 21.3 17.6 26.4
71 11.4 9.2 13.8



#34
Propionitrile
Concen: 10.479 ug/l
RT: 4.37 min Scan# 993
Delta R.T. 0.02 min
Lab File: VU028336.D
Acq: 26 Nov 2018 14:10

Tgt Ion: 54 Resp: 14194
Ion Ratio Lower Upper
54 100
52 7.6 16.6 25.0#
55 6.5 12.9 19.3#
40 3.4 2.6 4.0





#35

Benzene

Concen: 1.816 ug/l

RT: 5.39 min Scan# 1311

Delta R.T. 0.00 min

Lab File: VU028336.D

Acq: 26 Nov 2018 14:10

Instrument :

MSVOA_U

ClientSampleId :

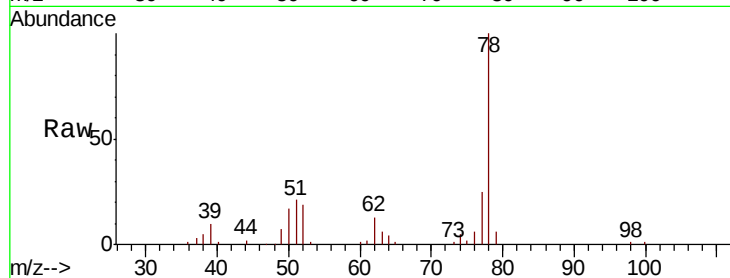
VU1126WBSD01

Tgt Ion: 78 Resp: 117781

Ion Ratio Lower Upper

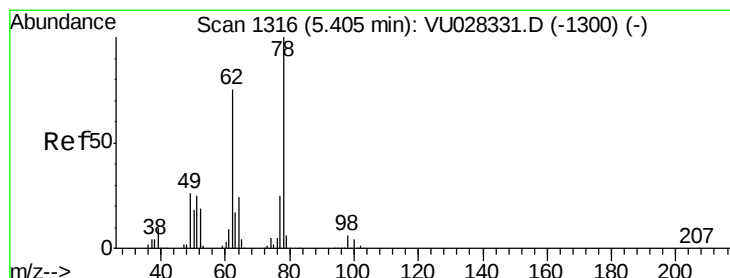
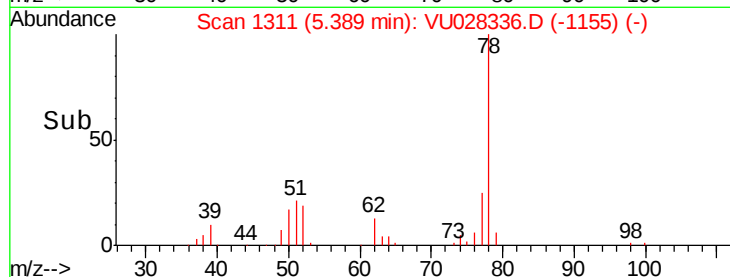
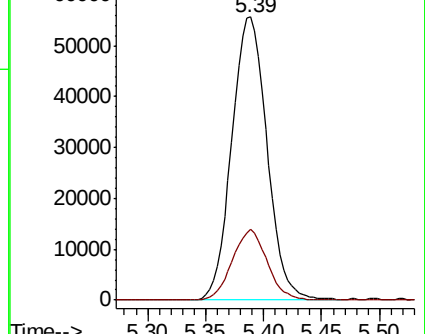
78 100

77 24.8 19.5 29.3



Abundance Ion 78.10 (77.80 to 78.80): VU0

Ion 77.00 (76.70 to 77.70): VU0



#36

1,2-Dichloroethane

Concen: 1.825 ug/l

RT: 5.40 min Scan# 1316

Delta R.T. -0.00 min

Lab File: VU028336.D

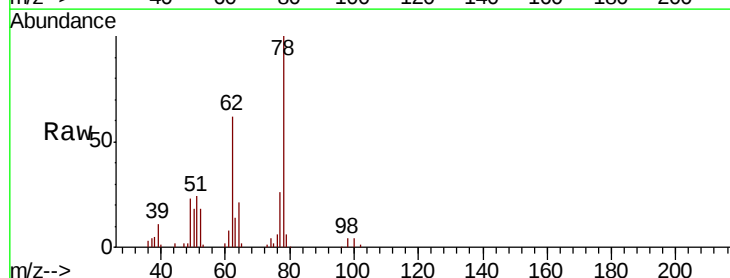
Acq: 26 Nov 2018 14:10

Tgt Ion: 62 Resp: 35398

Ion Ratio Lower Upper

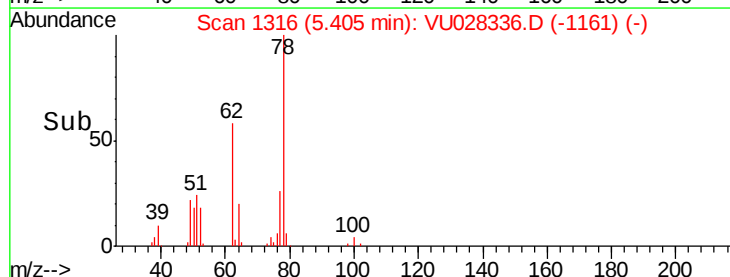
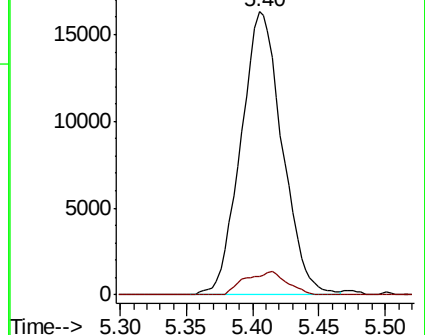
62 100

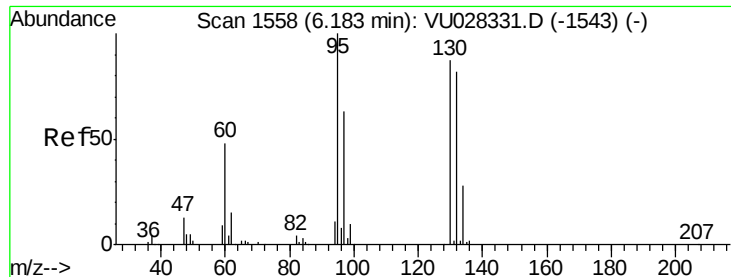
98 8.3 6.0 9.0



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 98.00 (97.70 to 98.70): VU0

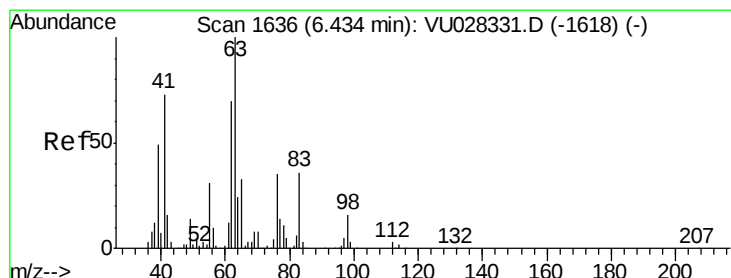
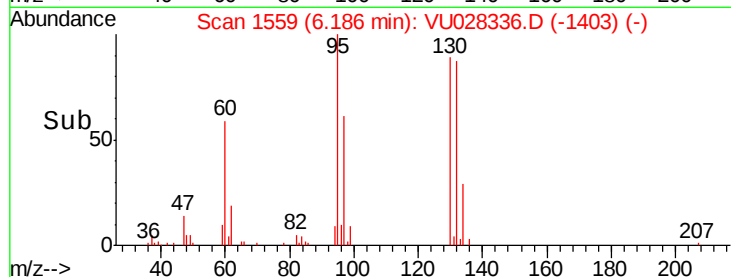
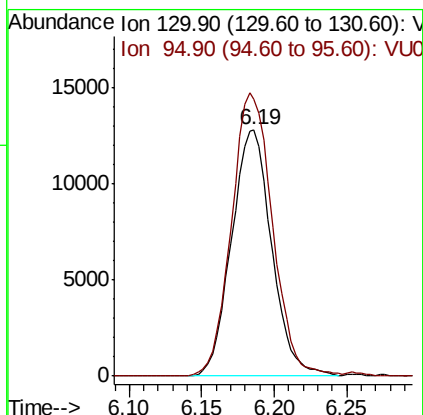
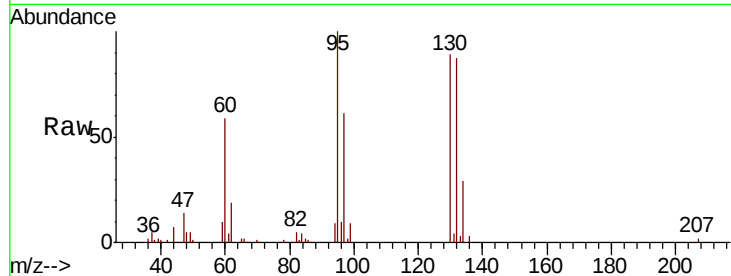




#37
 Trichloroethene
 Concen: 1.750 ug/l
 RT: 6.19 min Scan# 1559
 Delta R.T. 0.00 min
 Lab File: VU028336.D
 Acq: 26 Nov 2018 14:10

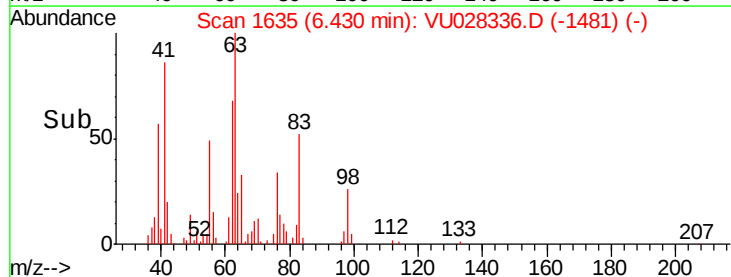
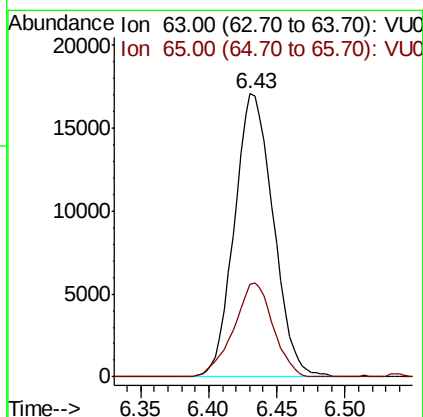
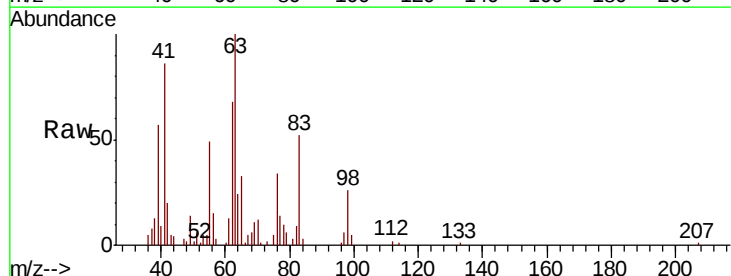
Instrument :
 MSVOA_U
 ClientSampleId :
 VU1126WBSD01

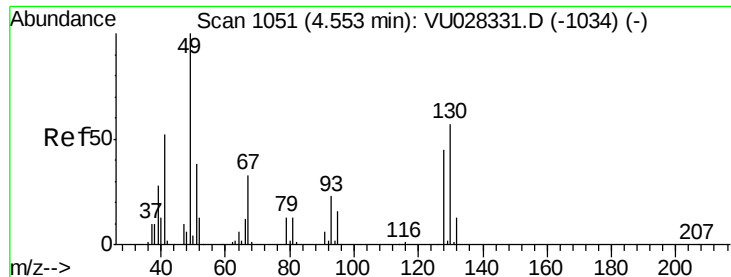
Tgt Ion: 130 Resp: 24726
 Ion Ratio Lower Upper
 130 100
 95 112.4 91.5 137.3



#38
 1,2-Dichloropropane
 Concen: 1.824 ug/l
 RT: 6.43 min Scan# 1635
 Delta R.T. -0.00 min
 Lab File: VU028336.D
 Acq: 26 Nov 2018 14:10

Tgt Ion: 63 Resp: 33742
 Ion Ratio Lower Upper
 63 100
 65 32.6 26.2 39.4

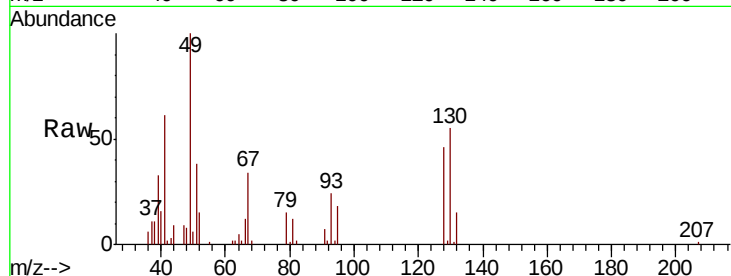




#39
Methacrylonitrile
Concen: 1.868 ug/l
RT: 4.56 min Scan# 1053
Delta R.T. 0.01 min
Lab File: VU028336.D
Acq: 26 Nov 2018 14:10

Instrument :
MSVOA_U
ClientSampleId :
VU1126WBSD01

Tgt Ion:	41	Resp:	13550
Ion	Ratio	Lower	Upper
41	100		
67	57.8	48.2	72.4
39	54.4	42.9	64.3
52	24.8	21.4	32.0



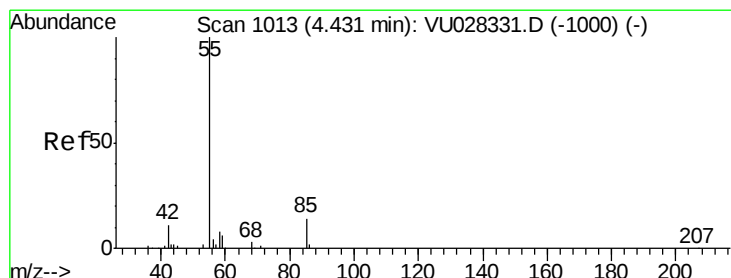
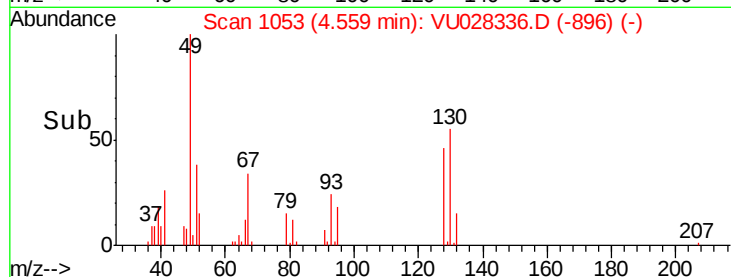
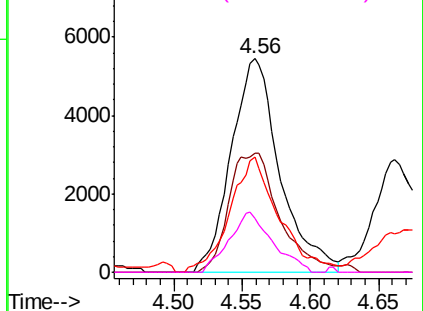
Abundance

Ion 41.00 (40.70 to 41.70): VU0

Ion 67.00 (66.70 to 67.70): VU0

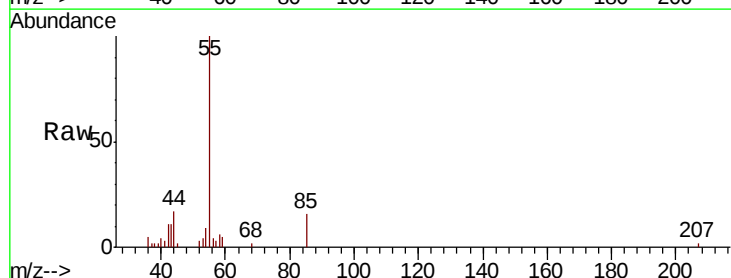
Ion 39.00 (38.70 to 39.70): VU0

Ion 52.00 (51.70 to 52.70): VU0



#40
Methyl acrylate
Concen: 1.603 ug/l
RT: 4.43 min Scan# 1014
Delta R.T. 0.00 min
Lab File: VU028336.D
Acq: 26 Nov 2018 14:10

Tgt Ion:	55	Resp:	16000
Ion	Ratio	Lower	Upper
55	100		
85	14.1	10.9	16.3
58	3.4	6.4	9.6#
42	11.1	7.5	11.3



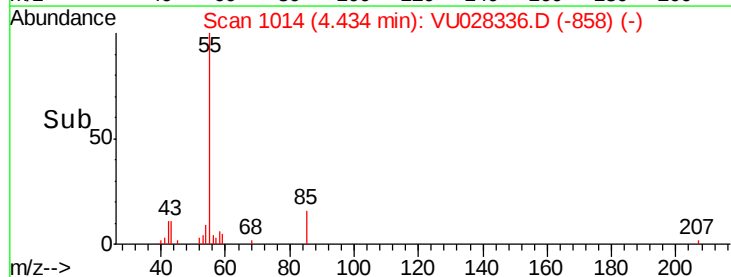
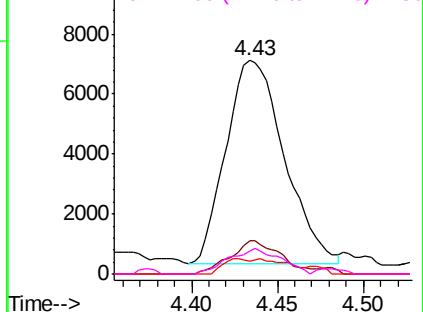
Abundance

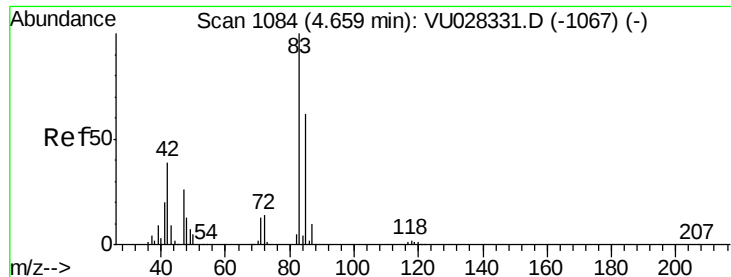
Ion 55.00 (54.70 to 55.70): VU0

Ion 85.00 (84.70 to 85.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

Ion 42.00 (41.70 to 42.70): VU0





#41

Tetrahydrofuran

Concen: 3.707 ug/l

RT: 4.67 min Scan# 1087

Delta R.T. 0.01 min

Lab File: VU028336.D

Acq: 26 Nov 2018 14:10

Instrument :

MSVOA_U

ClientSampleId :

VU1126WBSD01

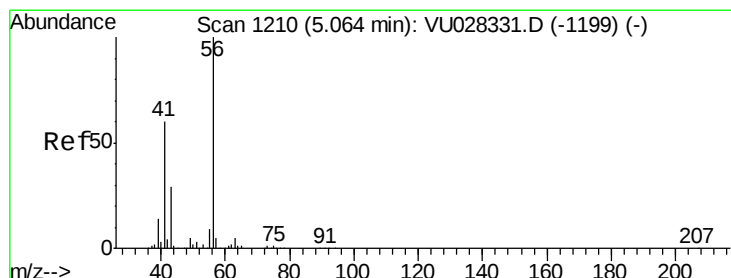
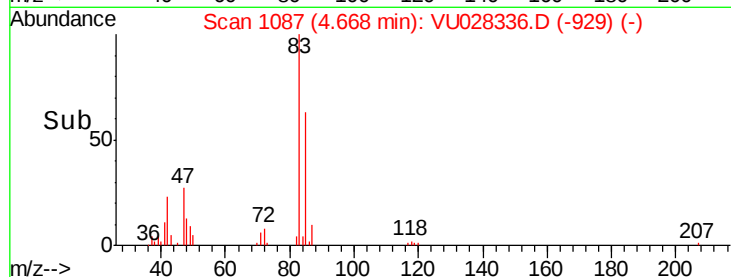
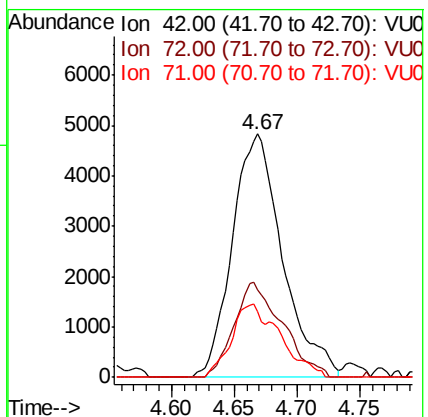
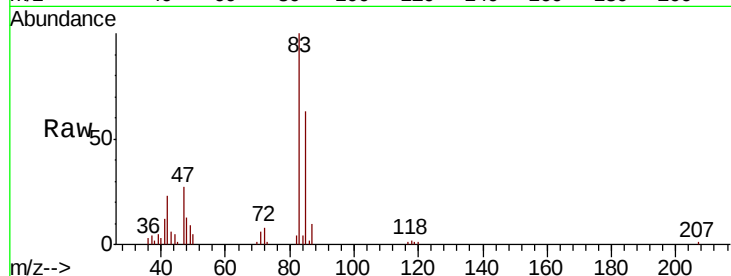
Tgt Ion: 42 Resp: 13518

Ion Ratio Lower Upper

42 100

72 37.2 29.8 44.6

71 29.0 25.9 38.9



#42

1-Chlorobutane

Concen: 1.781 ug/l

RT: 5.06 min Scan# 1210

Delta R.T. -0.00 min

Lab File: VU028336.D

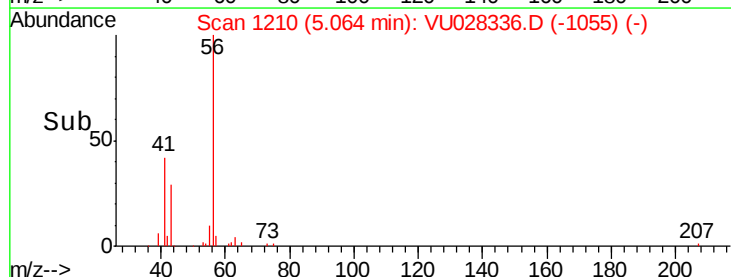
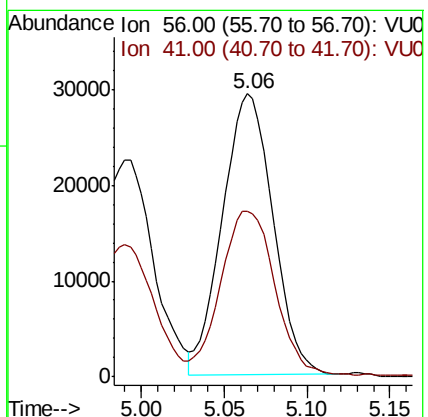
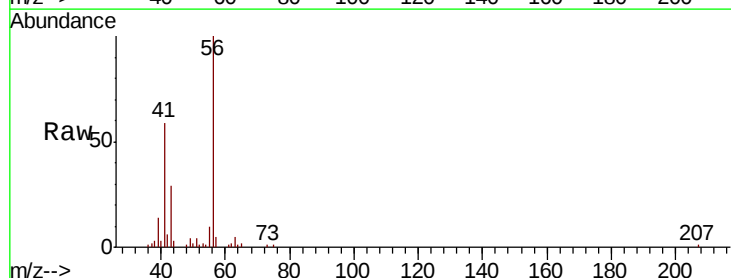
Acq: 26 Nov 2018 14:10

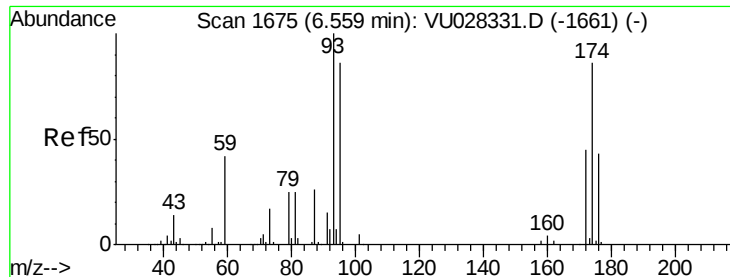
Tgt Ion: 56 Resp: 62393

Ion Ratio Lower Upper

56 100

41 62.2 29.8 89.3





#43

Dibromomethane

Concen: 1.861 ug/l

RT: 6.56 min Scan# 1675

Delta R.T. -0.00 min

Lab File: VU028336.D

Acq: 26 Nov 2018 14:10

Instrument :

MSVOA_U

ClientSampleId :

VU1126WBSD01

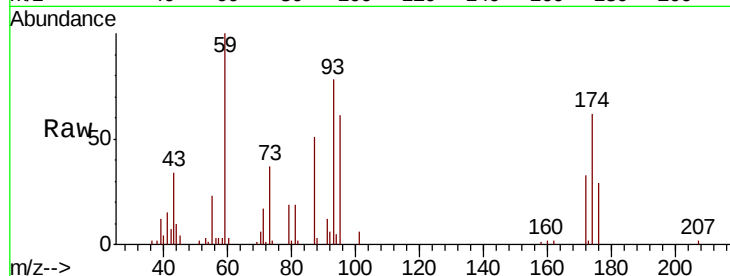
Tgt Ion: 93 Resp: 14654

Ion Ratio Lower Upper

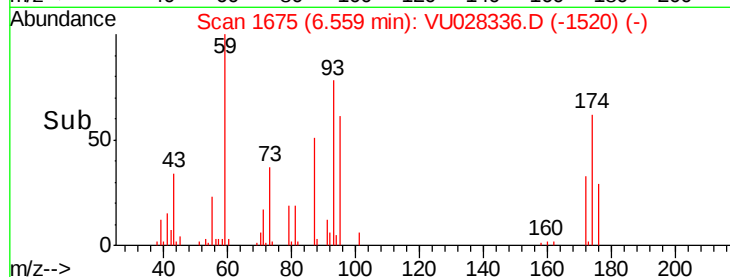
93 100

95 81.3 66.6 99.8

174 85.3 69.4 104.2



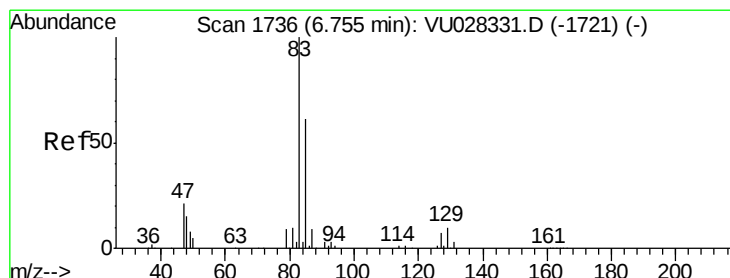
Abundance Ion 93.00 (92.70 to 93.70): VU028336.D (-1520) (-)



Ion 95.00 (94.70 to 95.70): VU028336.D (-1520) (-)

Ion 174.00 (173.70 to 174.70): VU028336.D (-1520) (-)

Time-->



#44

Bromodichloromethane

Concen: 1.808 ug/l

RT: 6.76 min Scan# 1737

Delta R.T. 0.00 min

Lab File: VU028336.D

Acq: 26 Nov 2018 14:10

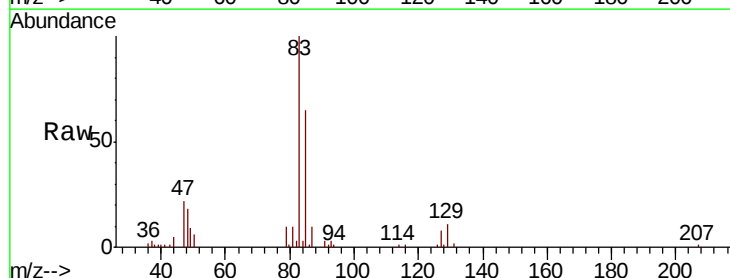
Tgt Ion: 83 Resp: 37601

Ion Ratio Lower Upper

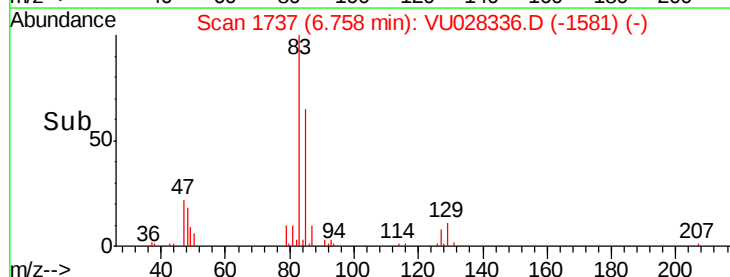
83 100

85 64.9 49.0 73.6

127 8.2 5.7 8.5



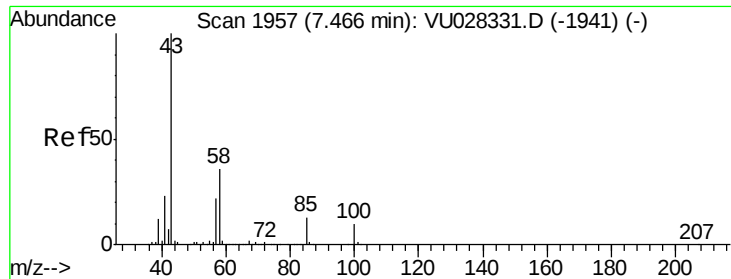
Abundance Ion 83.00 (82.70 to 83.70): VU028336.D (-1581) (-)



Ion 85.00 (84.70 to 85.70): VU028336.D (-1581) (-)

Ion 127.00 (126.70 to 127.70): VU028336.D (-1581) (-)

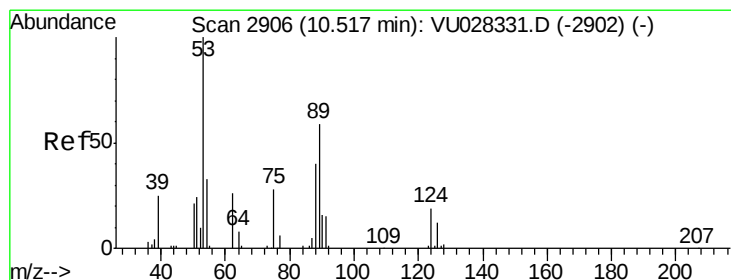
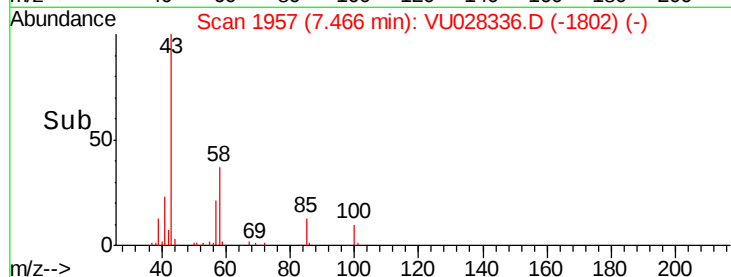
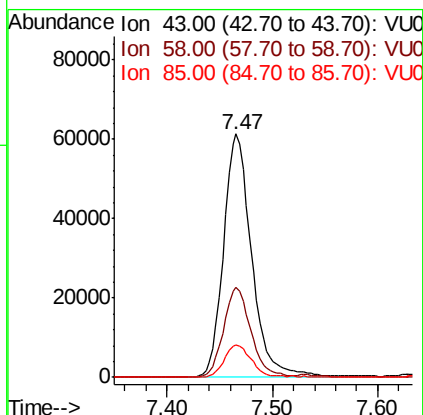
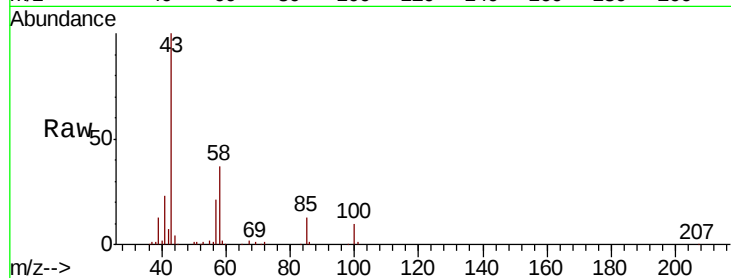
Time-->



#45
 4-Methyl-2-Pentanone
 Concen: 8.958 ug/l
 RT: 7.47 min Scan# 1957
 Delta R.T. -0.00 min
 Lab File: VU028336.D
 Acq: 26 Nov 2018 14:10

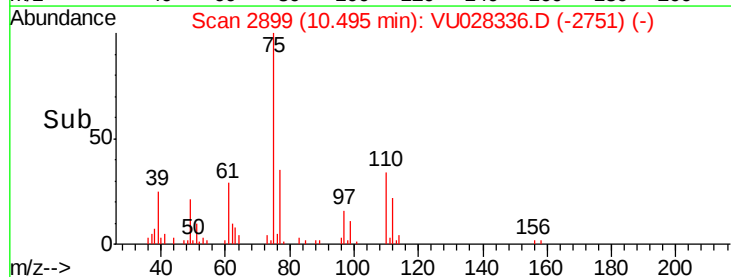
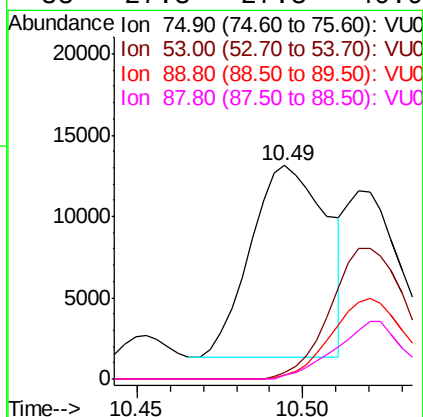
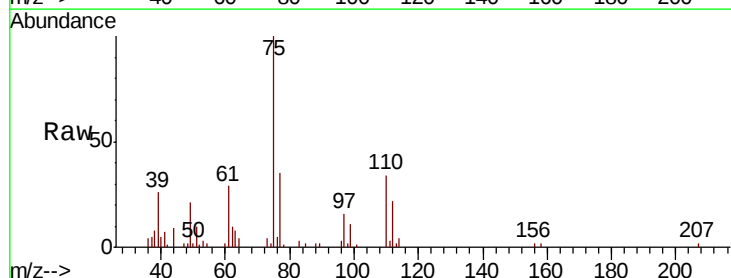
Instrument :
 MSVOA_U
 ClientSampleId :
 VU1126WBSD01

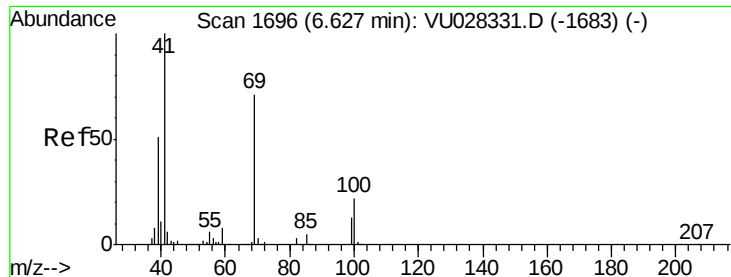
Tgt Ion	Ratio	Lower	Upper
43	100		
58	36.0	17.9	53.7
85	12.7	10.8	16.2



#46
 t-1,4-Dichloro-2-butene
 Concen: 4.118 ug/l
 RT: 10.49 min Scan# 2899
 Delta R.T. -0.02 min
 Lab File: VU028336.D
 Acq: 26 Nov 2018 14:10

Tgt Ion	Ratio	Lower	Upper
75	100		
53	68.4	65.0	97.6
89	40.3	38.6	58.0
88	27.3	27.3	40.9

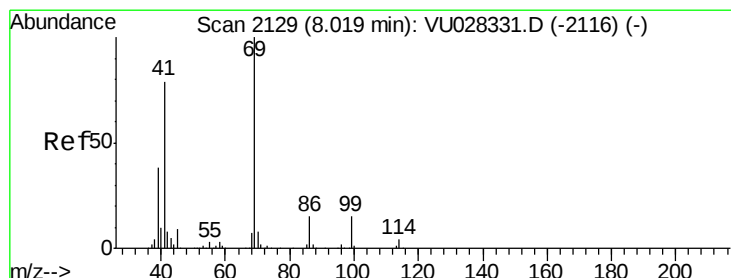
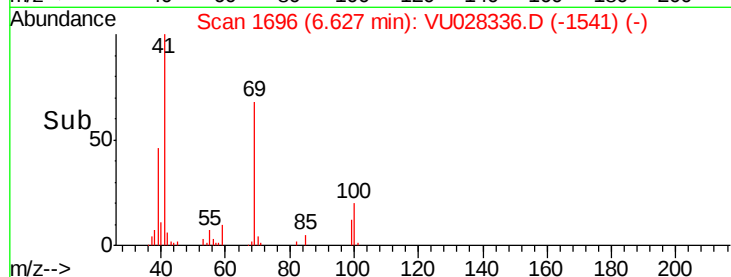
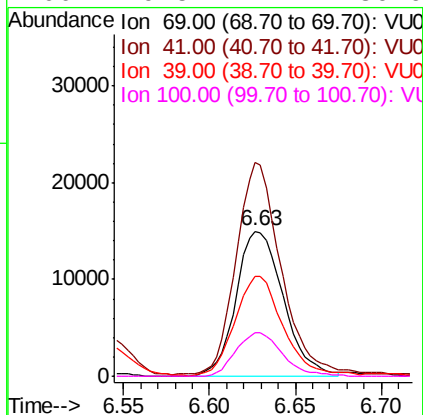
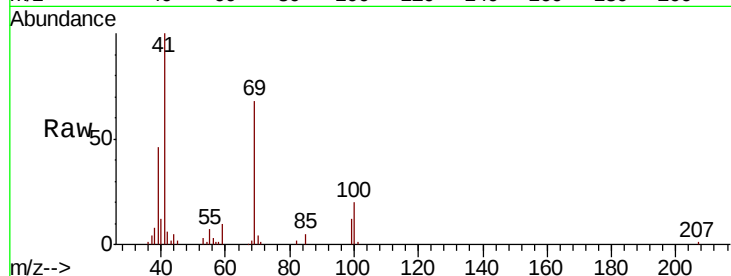




#47
Methyl methacrylate
Concen: 3.547 ug/l
RT: 6.63 min Scan# 1696
Delta R.T. -0.00 min
Lab File: VU028336.D
Acq: 26 Nov 2018 14:10

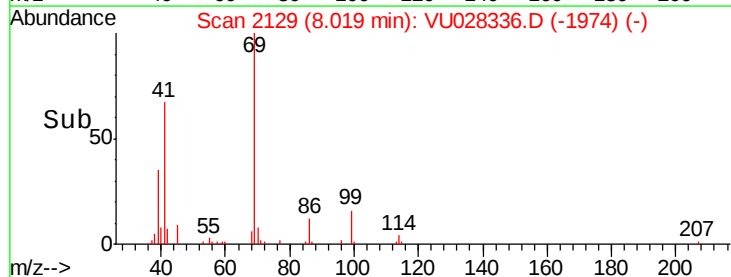
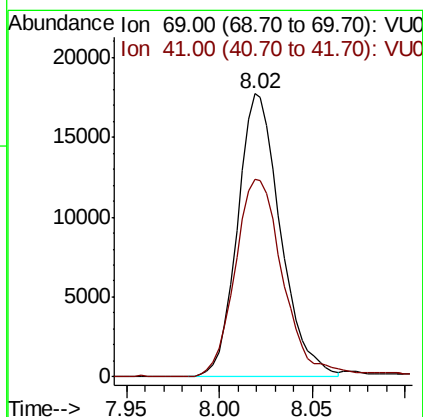
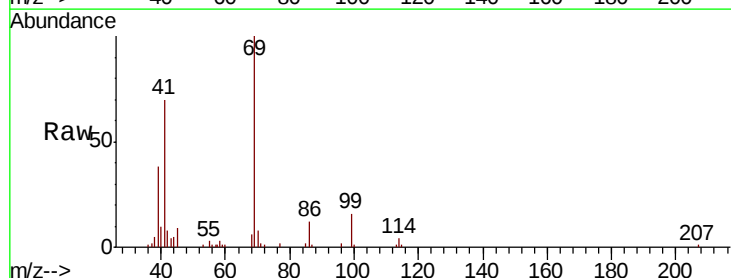
Instrument :
MSVOA_U
ClientSampleId :
VU1126WBSD01

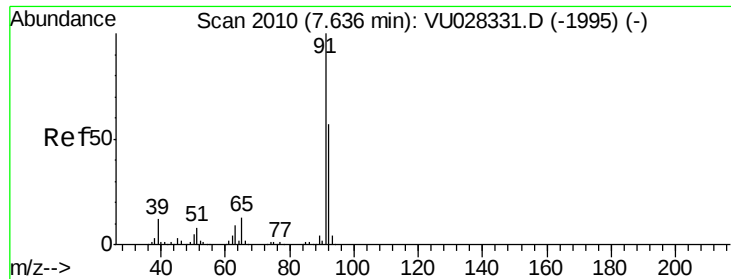
Tgt Ion: 69 Resp: 28511
Ion Ratio Lower Upper
69 100
41 138.6 0.0 277.2
39 70.8 57.6 86.4
100 29.5 24.4 36.6



#48
Ethyl methacrylate
Concen: 1.774 ug/l
RT: 8.02 min Scan# 2129
Delta R.T. -0.00 min
Lab File: VU028336.D
Acq: 26 Nov 2018 14:10

Tgt Ion: 69 Resp: 28524
Ion Ratio Lower Upper
69 100
41 78.0 39.4 118.2





#49

Toluene

Concen: 1.877 ug/l

RT: 7.64 min Scan# 2010

Delta R.T. -0.00 min

Lab File: VU028336.D

Acq: 26 Nov 2018 14:10

Instrument :

MSVOA_U

ClientSampleId :

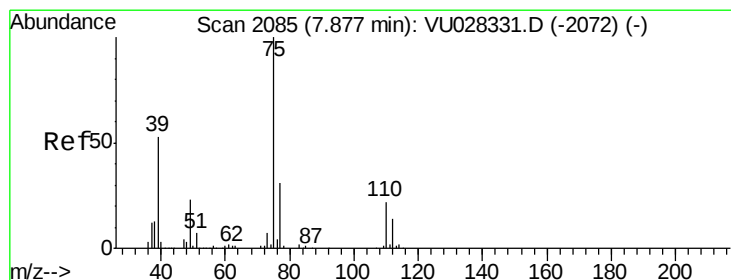
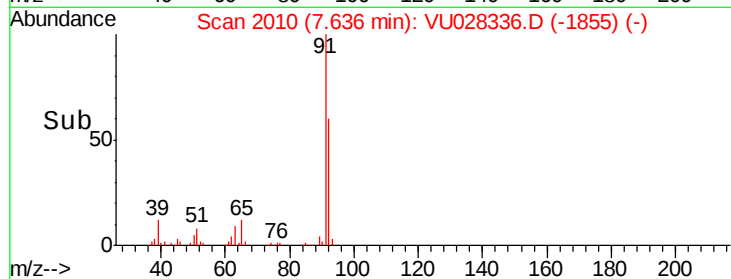
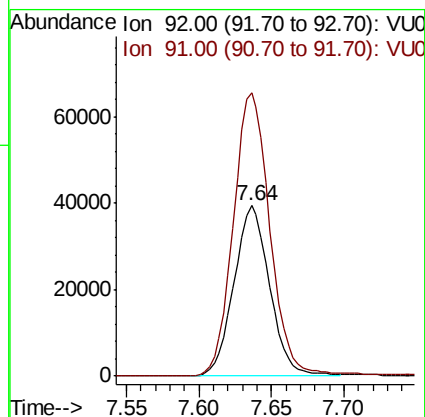
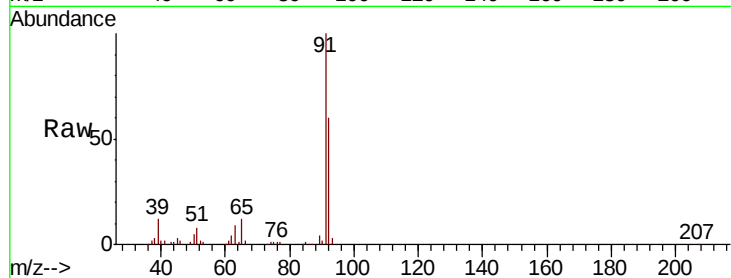
VU1126WBSD01

Tgt Ion: 92 Resp: 67617

Ion Ratio Lower Upper

92 100

91 170.9 141.5 212.3



#50

t-1,3-Dichloropropene

Concen: 1.756 ug/l

RT: 7.88 min Scan# 2086

Delta R.T. 0.00 min

Lab File: VU028336.D

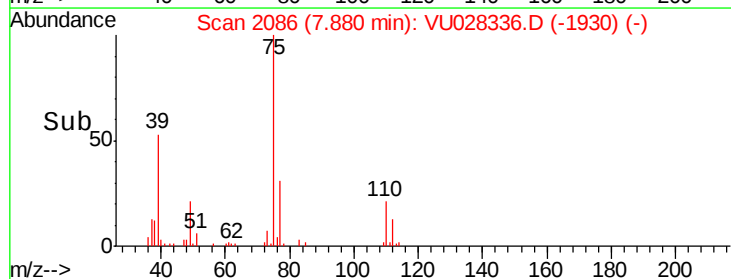
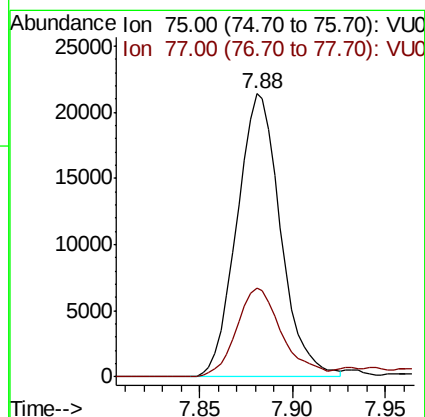
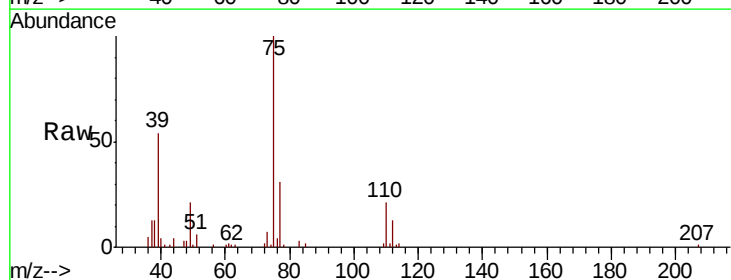
Acq: 26 Nov 2018 14:10

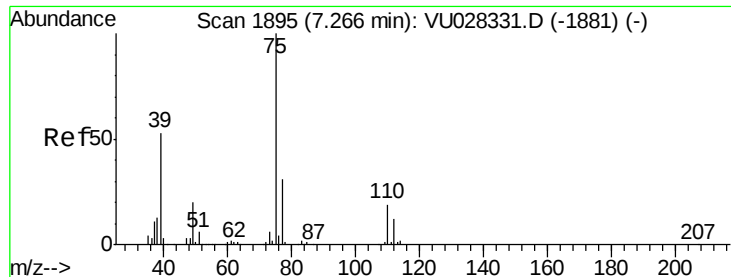
Tgt Ion: 75 Resp: 35066

Ion Ratio Lower Upper

75 100

77 31.3 24.7 37.1

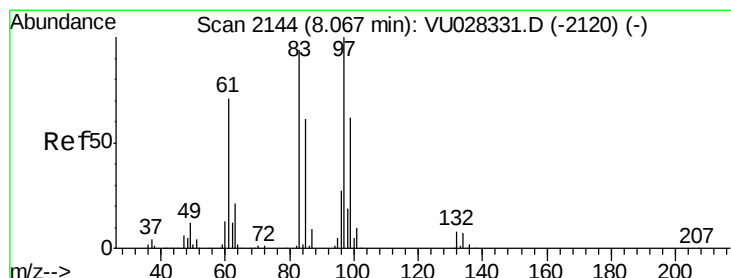
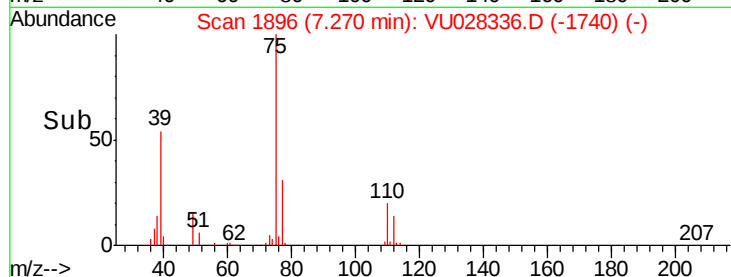
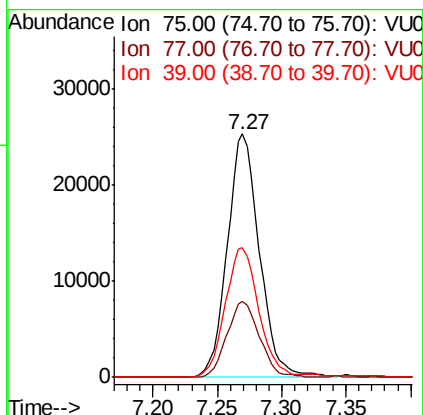
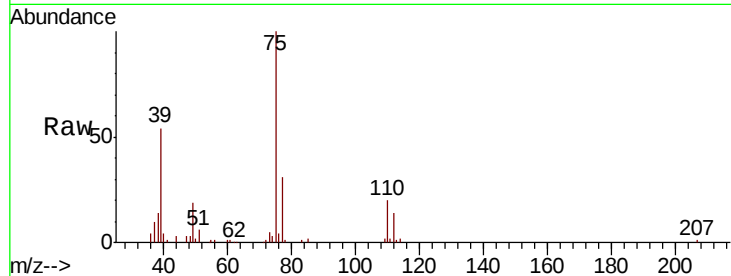




#51
 cis-1,3-Dichloropropene
 Concen: 1.776 ug/l
 RT: 7.27 min Scan# 1896
 Delta R.T. 0.00 min
 Lab File: VU028336.D
 Acq: 26 Nov 2018 14:10

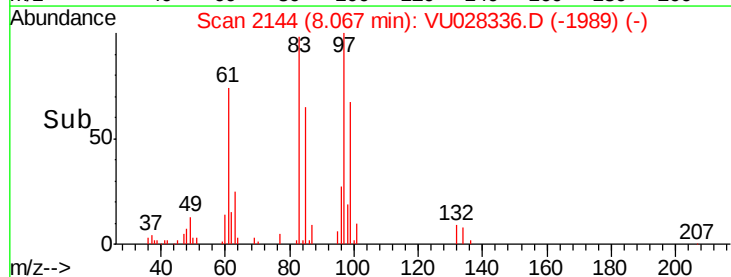
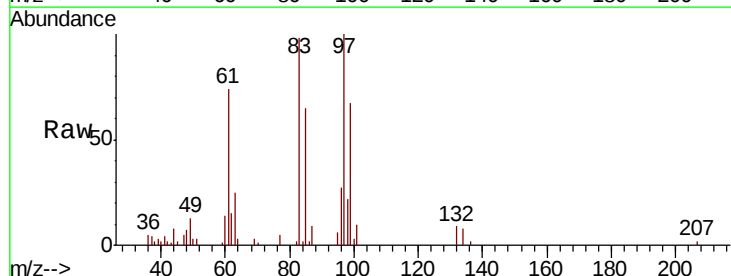
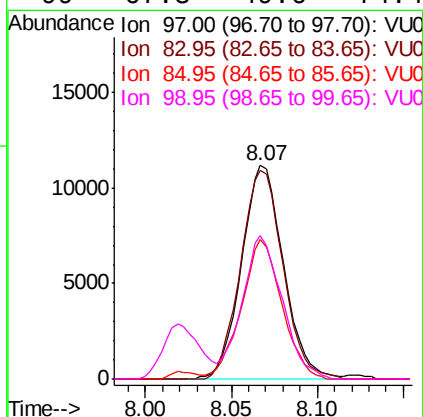
Instrument :
 MSVOA_U
 ClientSampleId :
 VU1126WBSD01

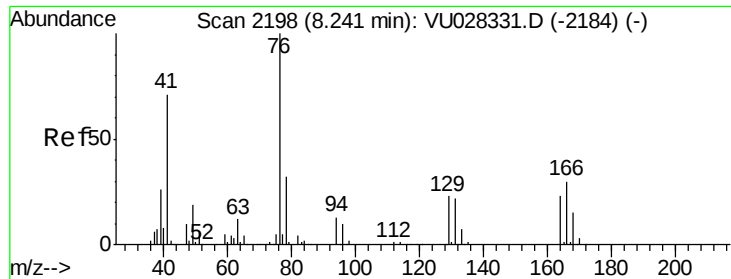
Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.2	24.4	36.6
39	53.5	42.8	64.2



#52
 1,1,2-Trichloroethane
 Concen: 1.709 ug/l
 RT: 8.07 min Scan# 2144
 Delta R.T. -0.00 min
 Lab File: VU028336.D
 Acq: 26 Nov 2018 14:10

Tgt Ion	Ratio	Lower	Upper
97	100		
83	97.6	75.1	112.7
85	65.2	48.7	73.1
99	67.3	49.6	74.4

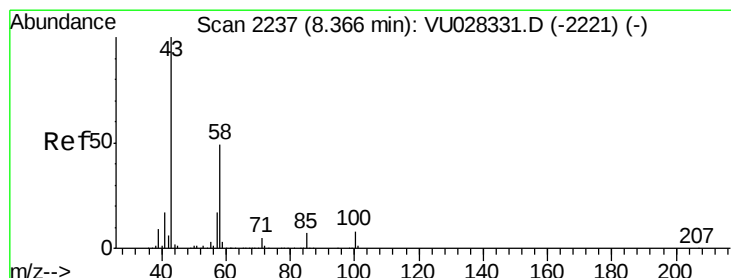
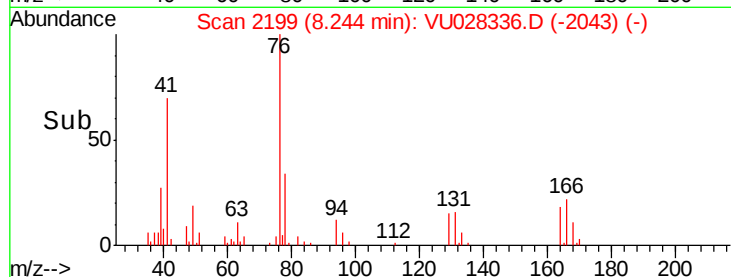
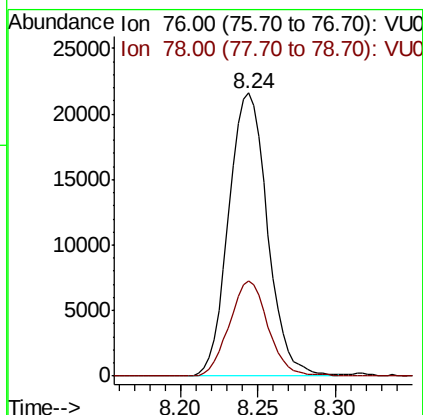
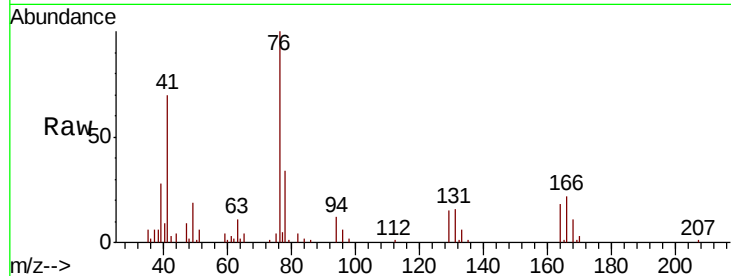




#53
 1,3-Dichloropropane
 Concen: 1.824 ug/l
 RT: 8.24 min Scan# 2199
 Delta R.T. 0.00 min
 Lab File: VU028336.D
 Acq: 26 Nov 2018 14:10

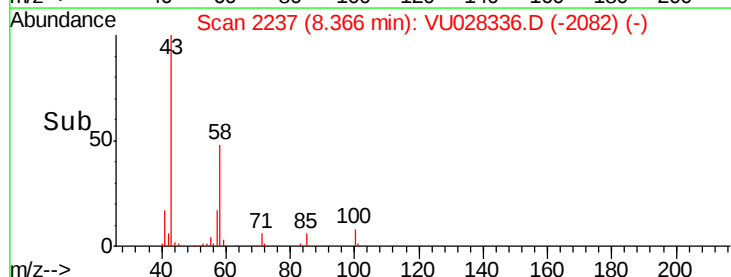
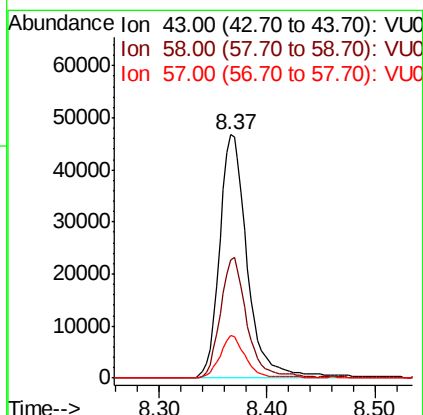
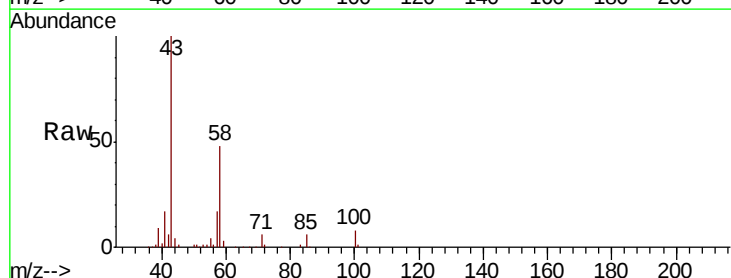
Instrument :
 MSVOA_U
 ClientSampleId :
 VU1126WBSD01

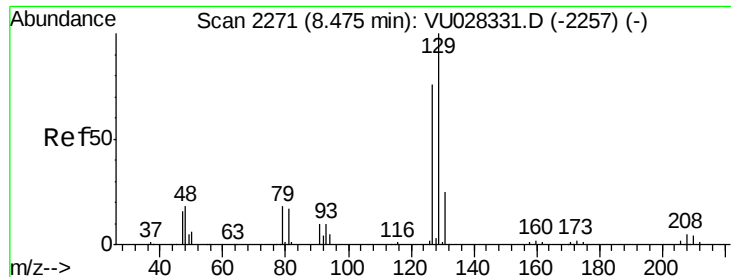
Tgt Ion: 76 Resp: 37658
 Ion Ratio Lower Upper
 76 100
 78 33.6 25.4 38.0



#54
 2-Hexanone
 Concen: 9.169 ug/l
 RT: 8.37 min Scan# 2237
 Delta R.T. -0.00 min
 Lab File: VU028336.D
 Acq: 26 Nov 2018 14:10

Tgt Ion: 43 Resp: 83429
 Ion Ratio Lower Upper
 43 100
 58 47.6 29.3 69.3
 57 15.7 0.0 36.8





#55

Dibromochloromethane

Concen: 1.731 ug/l

RT: 8.48 min Scan# 2271

Delta R.T. -0.00 min

Lab File: VU028336.D

Acq: 26 Nov 2018 14:10

Instrument :

MSVOA_U

ClientSampleId :

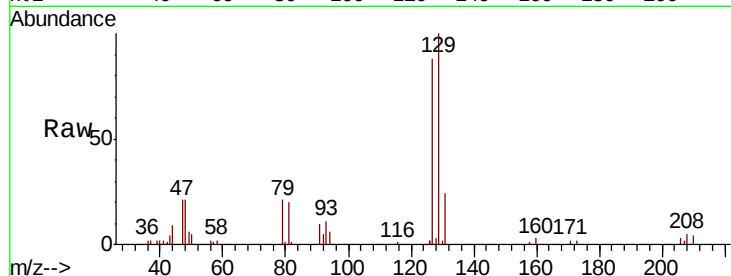
VU1126WBSD01

Tgt Ion:129 Resp: 20361

Ion Ratio Lower Upper

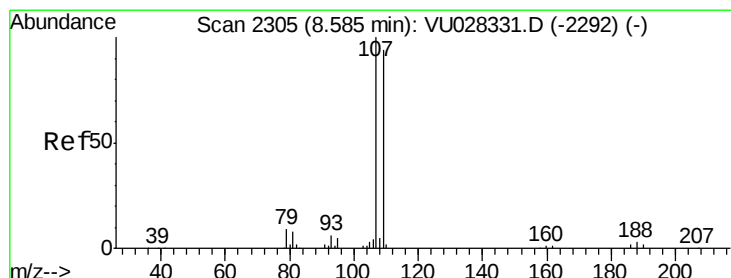
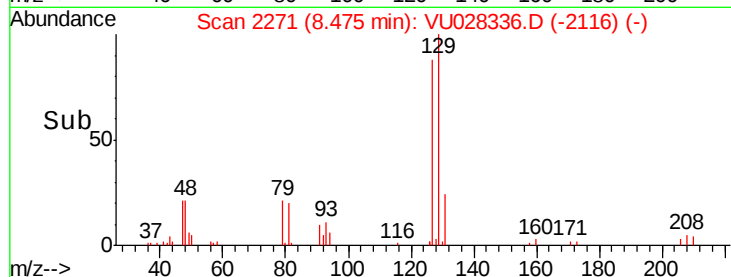
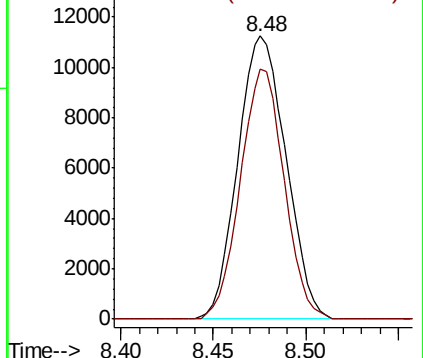
129 100

127 80.2 61.0 91.4



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#56

1,2-Dibromoethane

Concen: 1.777 ug/l

RT: 8.59 min Scan# 2306

Delta R.T. 0.00 min

Lab File: VU028336.D

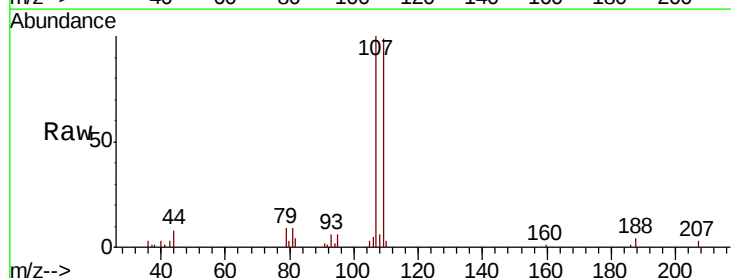
Acq: 26 Nov 2018 14:10

Tgt Ion:107 Resp: 17890

Ion Ratio Lower Upper

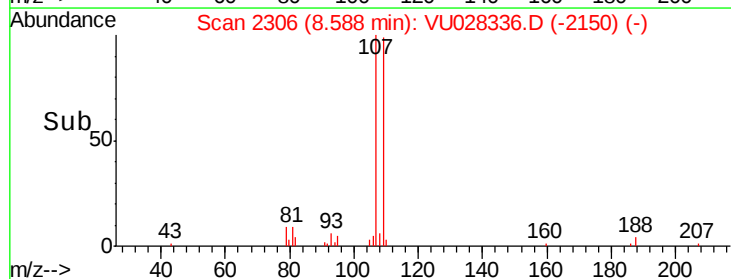
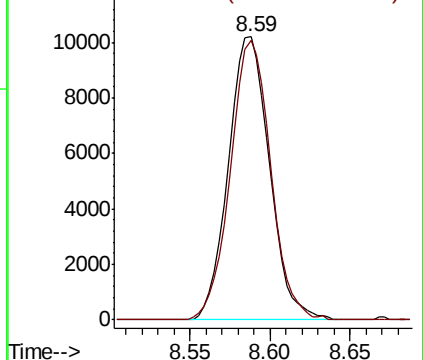
107 100

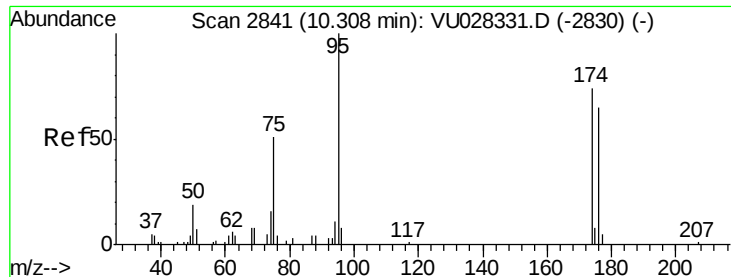
109 96.5 0.0 187.8



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

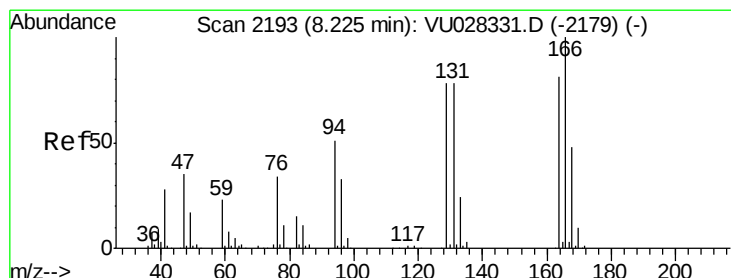
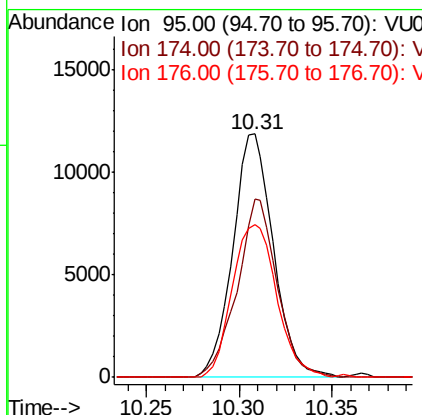
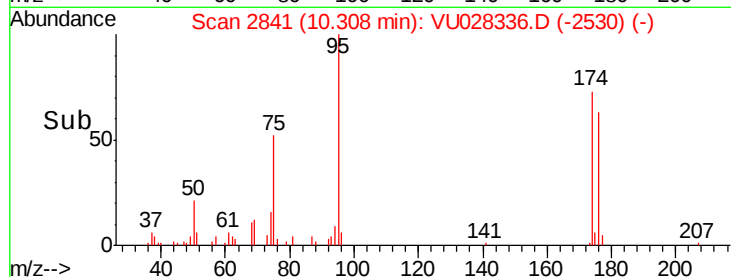
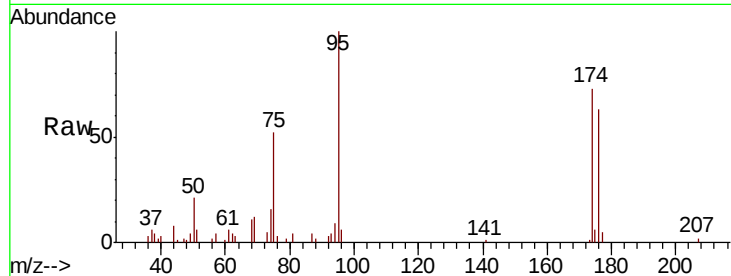




#57
4-Bromofluorobenzene
Concen: 1.777 ug/l
RT: 10.31 min Scan# 2841
Delta R.T. -0.00 min
Lab File: VU028336.D
Acq: 26 Nov 2018 14:10

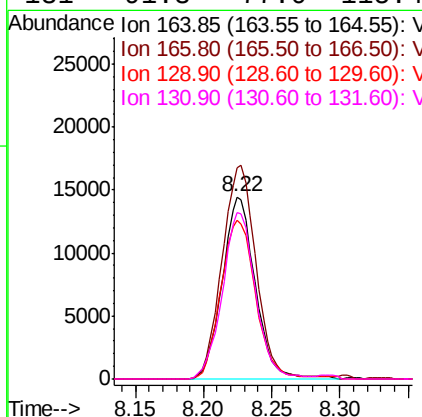
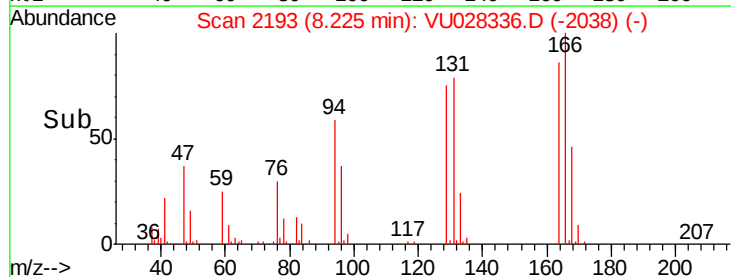
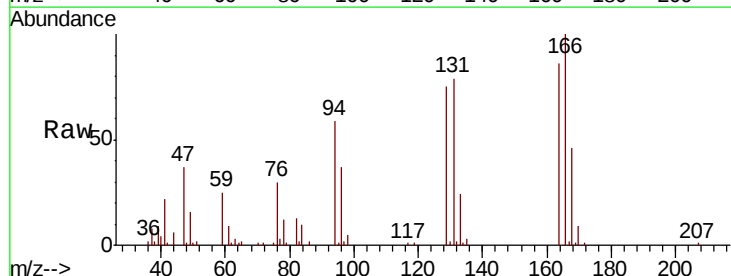
Instrument :
MSVOA_U
ClientSampleId :
VU1126WBSD01

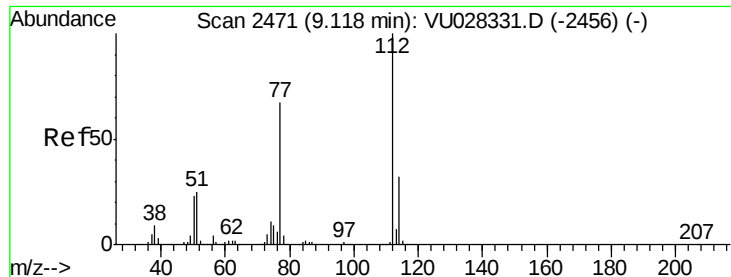
Tgt Ion: 95 Resp: 18030
Ion Ratio Lower Upper
95 100
174 72.1 59.3 88.9
176 69.0 54.3 81.5



#58
Tetrachloroethene
Concen: 1.874 ug/l
RT: 8.22 min Scan# 2193
Delta R.T. -0.00 min
Lab File: VU028336.D
Acq: 26 Nov 2018 14:10

Tgt Ion: 164 Resp: 24245
Ion Ratio Lower Upper
164 100
166 116.0 98.6 148.0
129 86.9 77.0 115.4
131 91.3 77.0 115.4

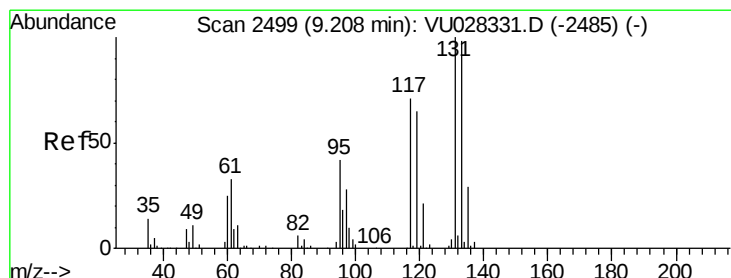
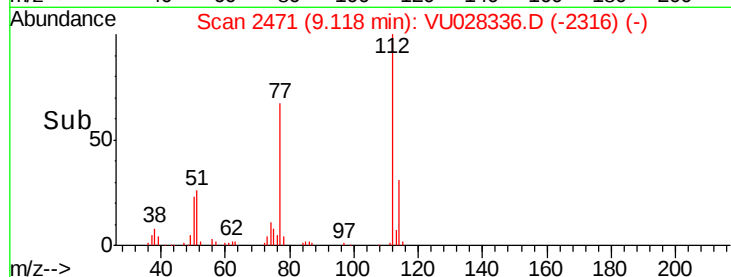
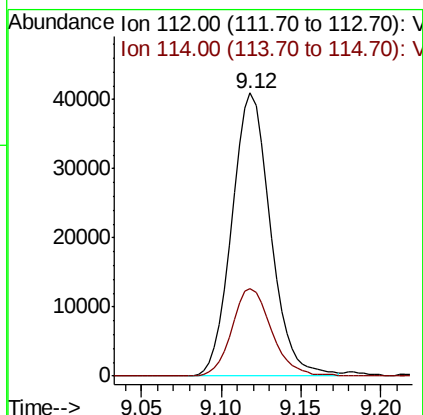
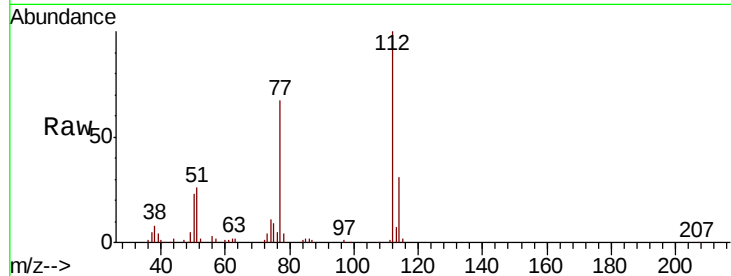




#59
Chlorobenzene
Concen: 1.798 ug/l
RT: 9.12 min Scan# 2471
Delta R.T. -0.00 min
Lab File: VU028336.D
Acq: 26 Nov 2018 14:10

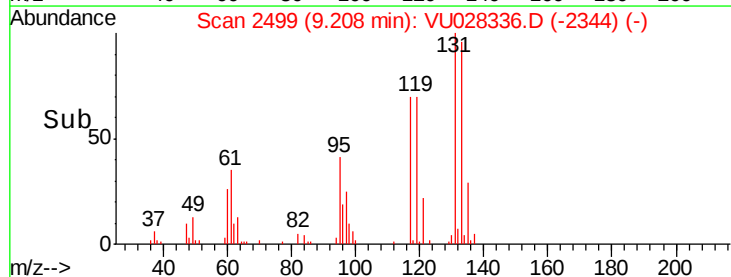
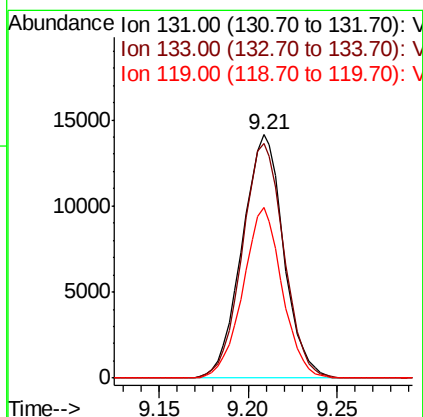
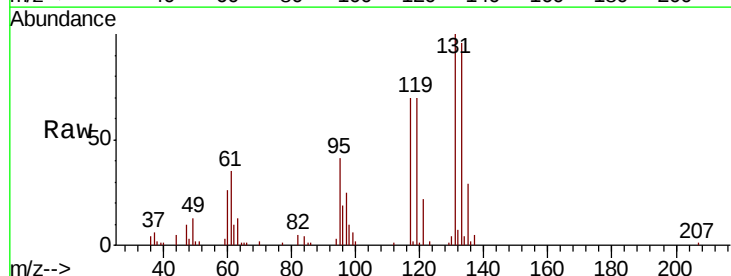
Instrument :
MSVOA_U
ClientSampleId :
VU1126WBSD01

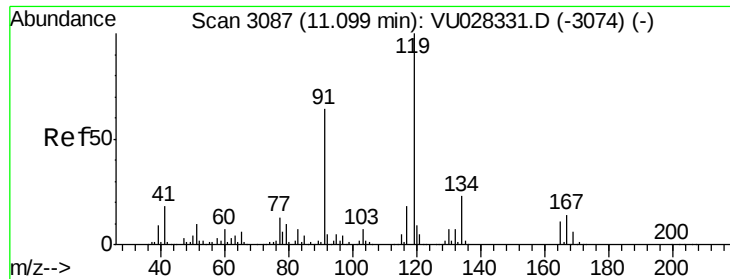
Tgt Ion:112 Resp: 67408
Ion Ratio Lower Upper
112 100
114 31.1 25.2 37.8



#60
1,1,1,2-Tetrachloroethane
Concen: 1.804 ug/l
RT: 9.21 min Scan# 2499
Delta R.T. -0.00 min
Lab File: VU028336.D
Acq: 26 Nov 2018 14:10

Tgt Ion:131 Resp: 22921
Ion Ratio Lower Upper
131 100
133 96.7 77.7 116.5
119 66.1 54.3 81.5

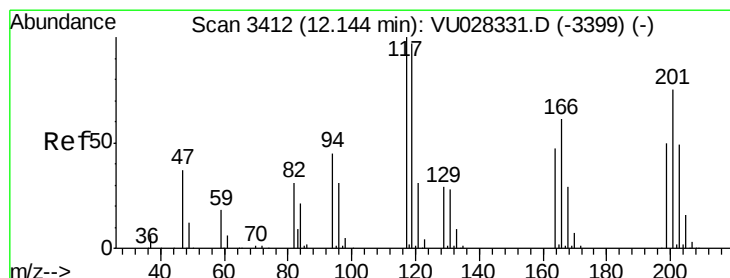
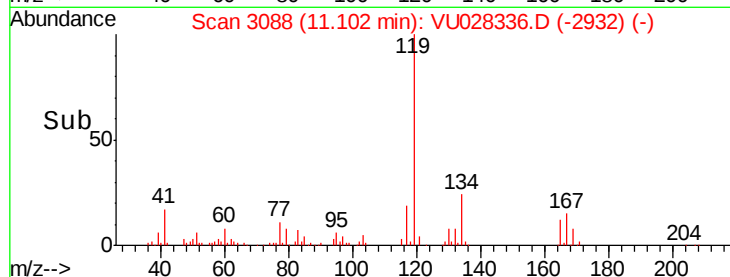
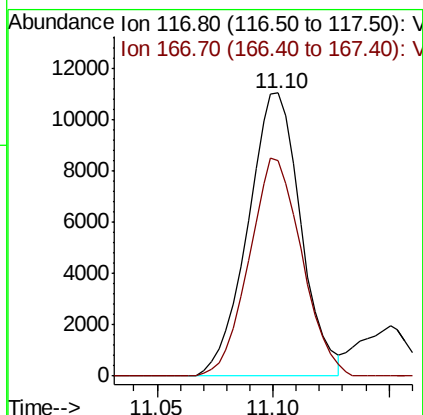
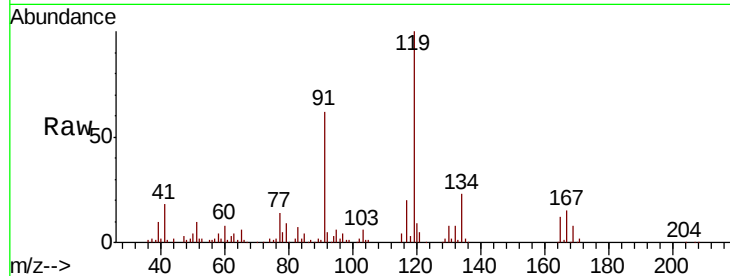




#61
 Pentachloroethane
 Concen: 1.779 ug/l
 RT: 11.10 min Scan# 3088
 Delta R.T. 0.00 min
 Lab File: VU028336.D
 Acq: 26 Nov 2018 14:10

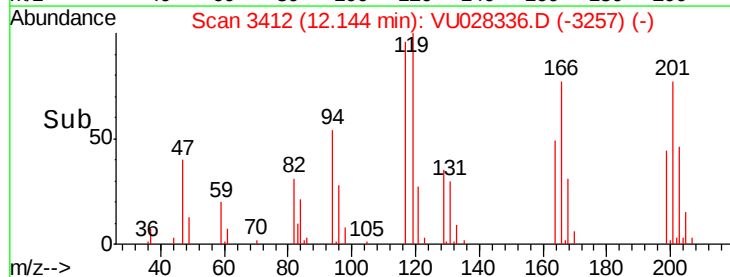
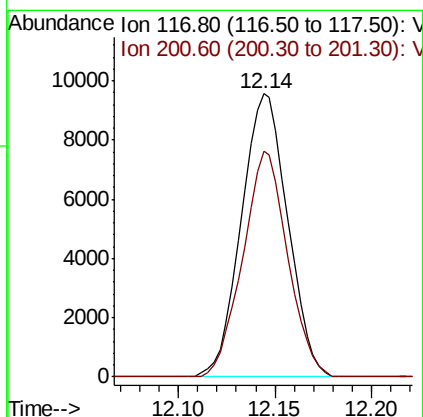
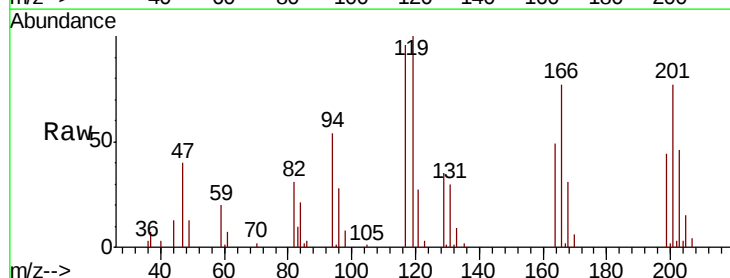
Instrument :
 MSVOA_U
 ClientSampleId :
 VU1126WBSD01

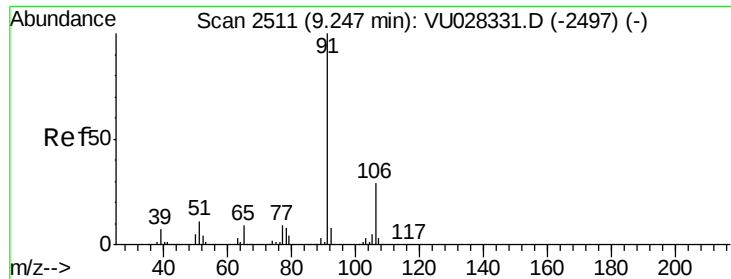
Tgt Ion:117 Resp: 17590
 Ion Ratio Lower Upper
 117 100
 167 76.4 64.2 96.2



#62
 Hexachloroethane
 Concen: 1.717 ug/l
 RT: 12.14 min Scan# 3412
 Delta R.T. -0.00 min
 Lab File: VU028336.D
 Acq: 26 Nov 2018 14:10

Tgt Ion:117 Resp: 15907
 Ion Ratio Lower Upper
 117 100
 201 77.2 59.4 89.2

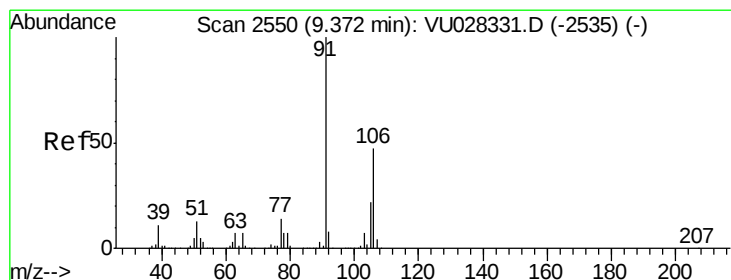
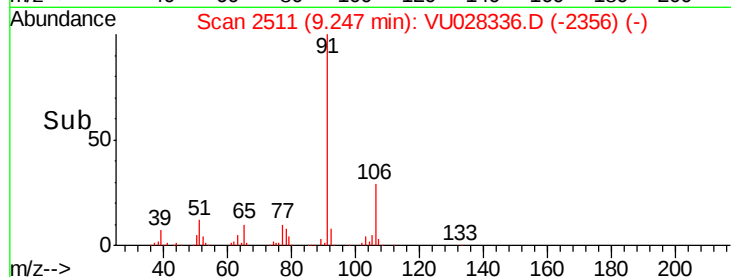
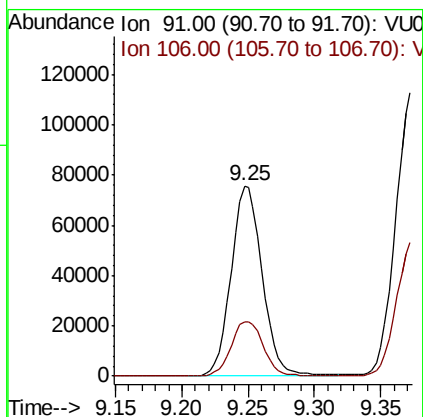
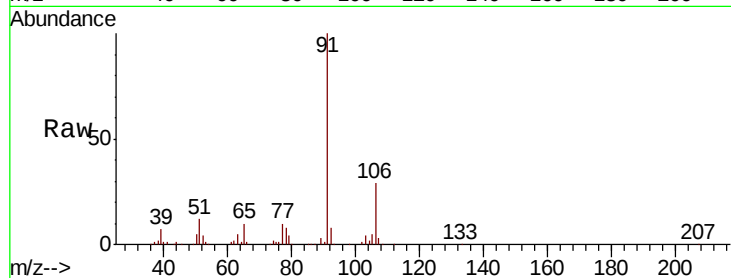




#63
Ethyl Benzene
Concen: 1.787 ug/l
RT: 9.25 min Scan# 2511
Delta R.T. -0.00 min
Lab File: VU028336.D
Acq: 26 Nov 2018 14:10

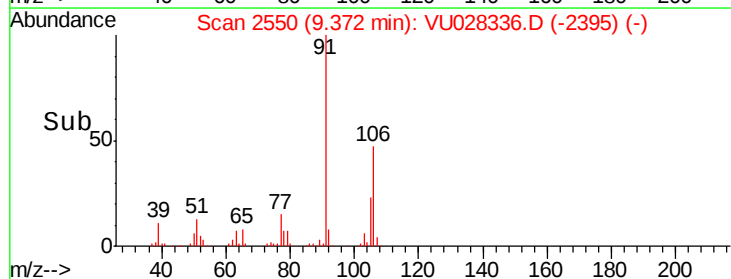
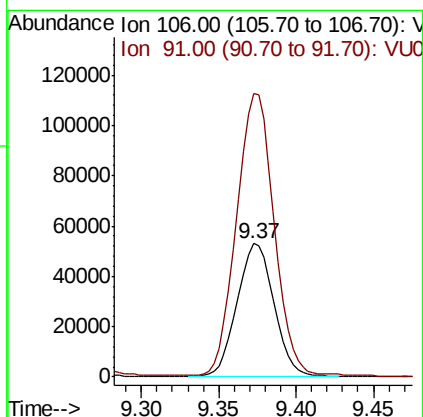
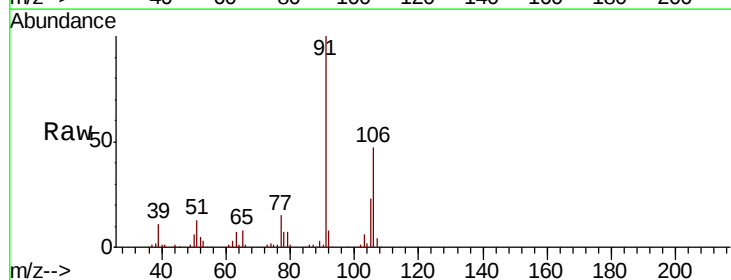
Instrument :
MSVOA_U
ClientSampleId :
VU1126WBSD01

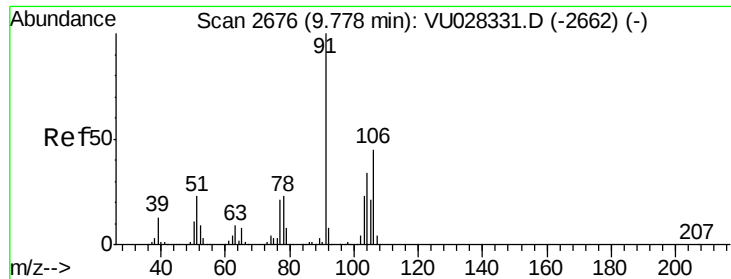
Tgt Ion: 91 Resp: 123588
Ion Ratio Lower Upper
91 100
106 28.8 23.4 35.2



#64
m/p-Xylenes
Concen: 3.543 ug/l
RT: 9.37 min Scan# 2550
Delta R.T. -0.00 min
Lab File: VU028336.D
Acq: 26 Nov 2018 14:10

Tgt Ion: 106 Resp: 88682
Ion Ratio Lower Upper
106 100
91 214.2 170.6 256.0

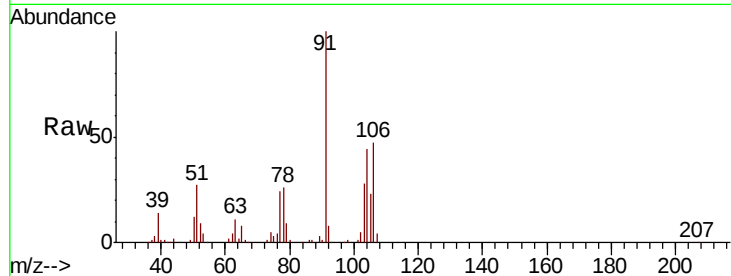




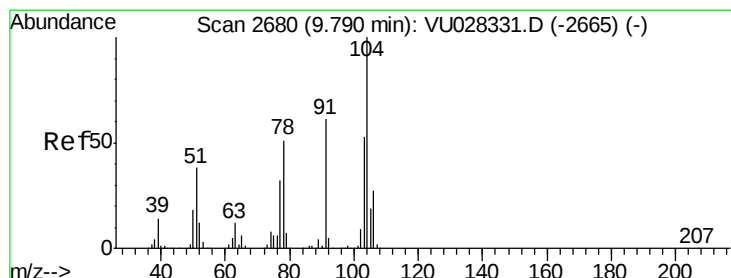
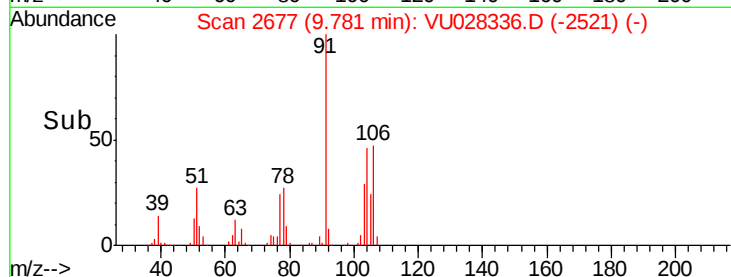
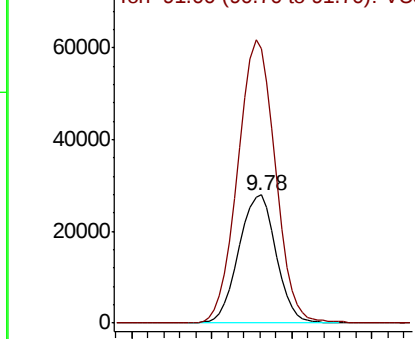
#65
o-Xylene
Concen: 1.836 ug/l
RT: 9.78 min Scan# 2677
Delta R.T. 0.00 min
Lab File: VU028336.D
Acq: 26 Nov 2018 14:10

Instrument :
MSVOA_U
ClientSampleId :
VU1126WBSD01

Tgt Ion:106 Resp: 44358
Ion Ratio Lower Upper
106 100
91 222.2 112.3 337.0

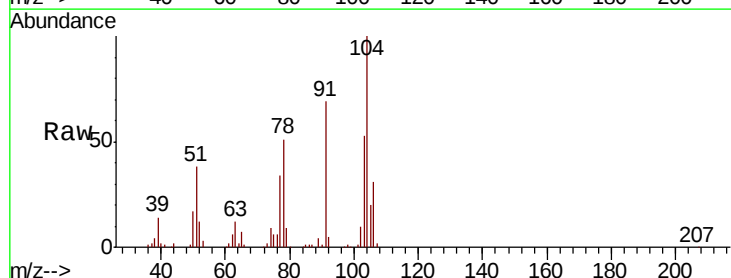


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0

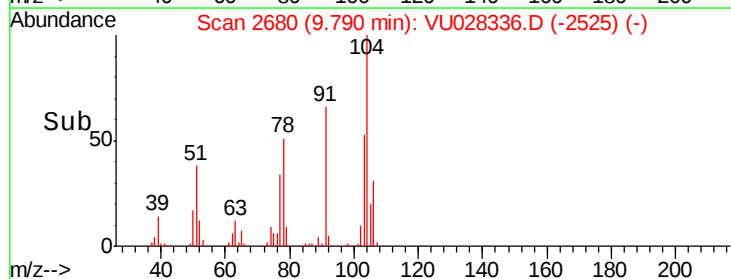
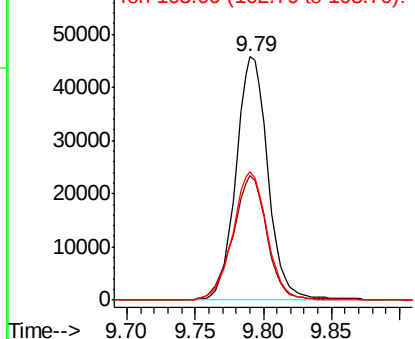


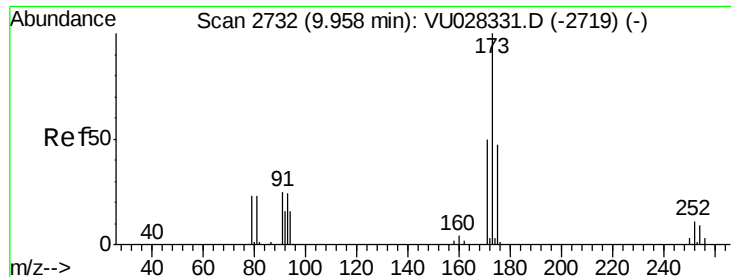
#66
Styrene
Concen: 1.793 ug/l
RT: 9.79 min Scan# 2680
Delta R.T. -0.00 min
Lab File: VU028336.D
Acq: 26 Nov 2018 14:10

Tgt Ion:104 Resp: 74267
Ion Ratio Lower Upper
104 100
78 54.7 44.0 66.0
103 56.5 45.2 67.8



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VU0
Ion 103.00 (102.70 to 103.70): V

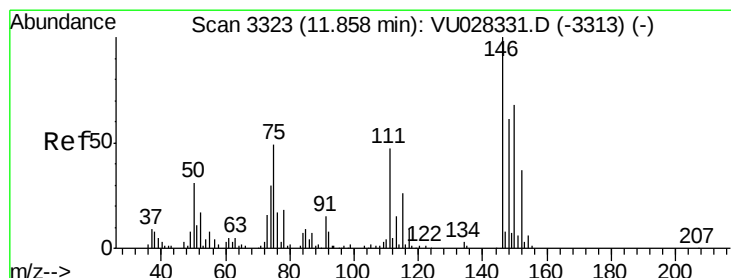
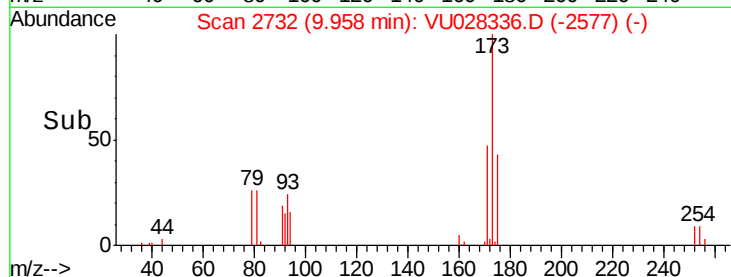
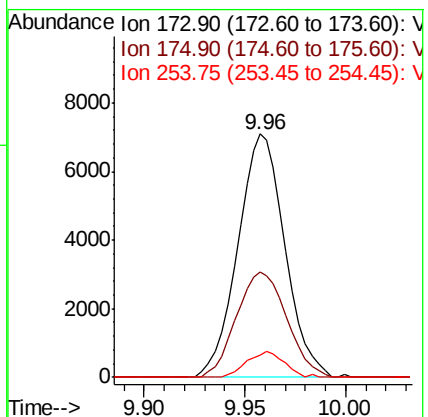
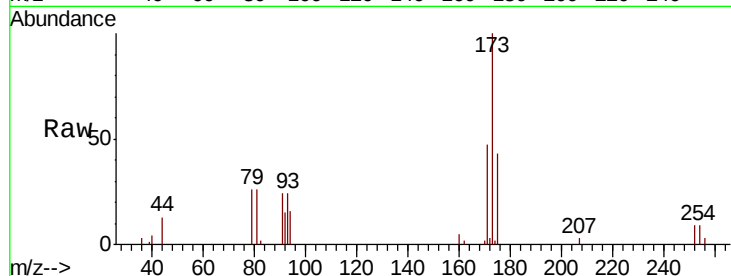




#67
Bromoform
Concen: 1.748 ug/l
RT: 9.96 min Scan# 2732
Delta R.T. -0.00 min
Lab File: VU028336.D
Acq: 26 Nov 2018 14:10

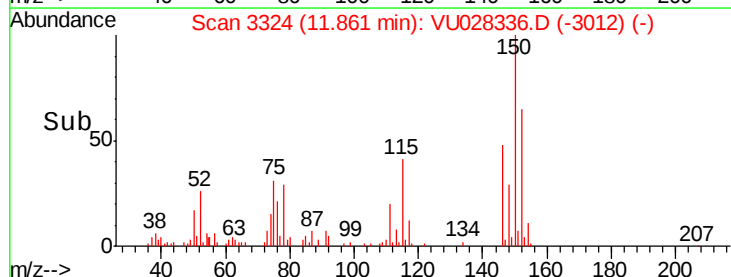
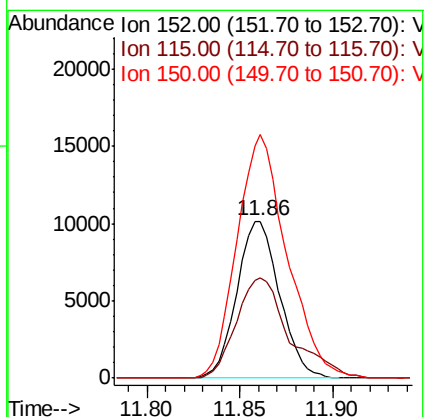
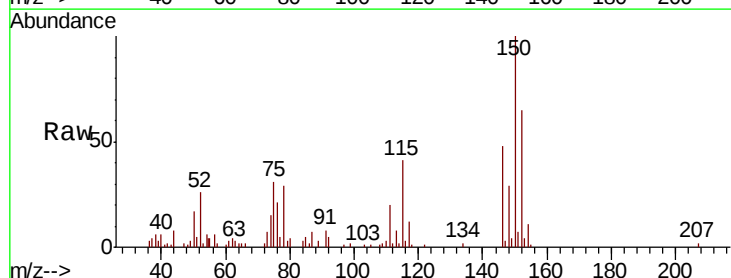
Instrument :
MSVOA_U
ClientSampleId :
VU1126WBSD01

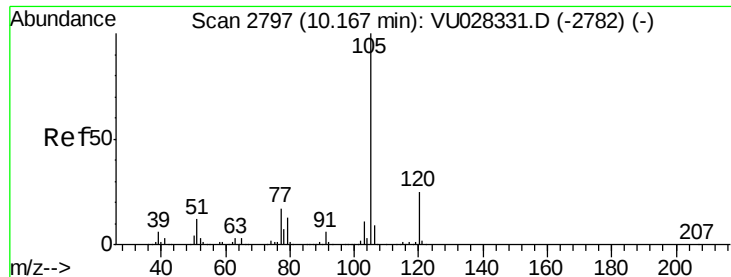
Tgt Ion:173 Resp: 11517
Ion Ratio Lower Upper
173 100
175 46.4 39.0 58.6
254 8.6 6.8 10.2



#68
1,2-Dichlorobenzene-d4
Concen: 1.748 ug/l
RT: 11.86 min Scan# 3324
Delta R.T. 0.00 min
Lab File: VU028336.D
Acq: 26 Nov 2018 14:10

Tgt Ion:152 Resp: 16315
Ion Ratio Lower Upper
152 100
115 79.2 0.0 146.8
150 181.7 0.0 653.2





#69

Isopropylbenzene

Concen: 1.812 ug/l

RT: 10.16 min Scan# 2796

Delta R.T. -0.00 min

Lab File: VU028336.D

Acq: 26 Nov 2018 14:10

Instrument :

MSVOA_U

ClientSampleId :

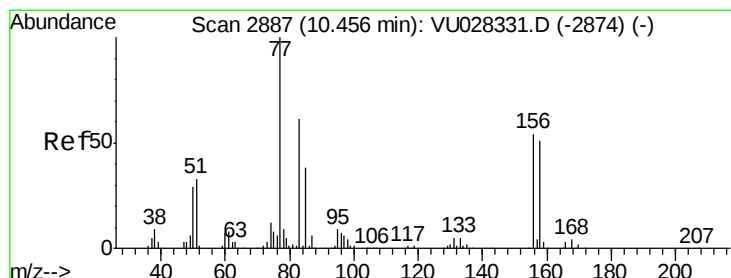
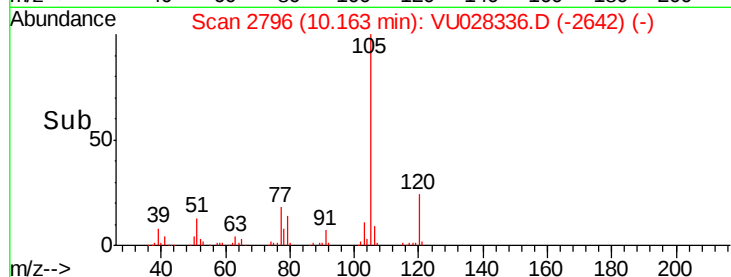
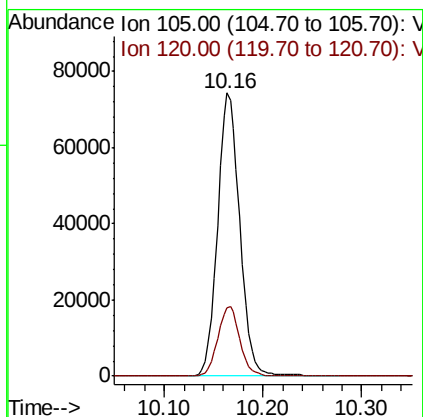
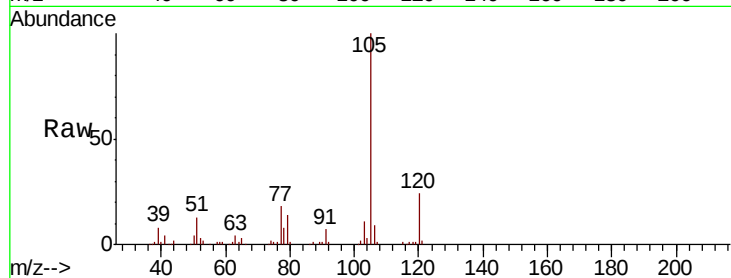
VU1126WBSD01

Tgt Ion:105 Resp: 117230

Ion Ratio Lower Upper

105 100

120 24.4 12.6 37.6



#70

1,1,2,2-Tetrachloroethane

Concen: 1.768 ug/l

RT: 10.46 min Scan# 2887

Delta R.T. -0.00 min

Lab File: VU028336.D

Acq: 26 Nov 2018 14:10

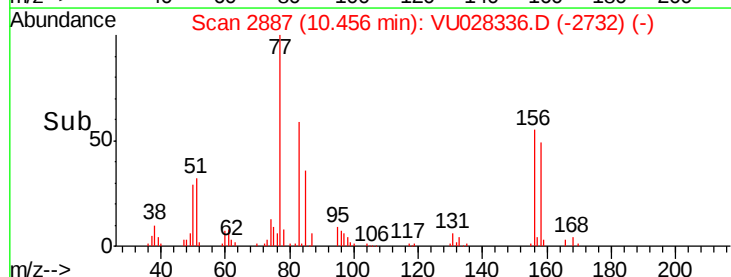
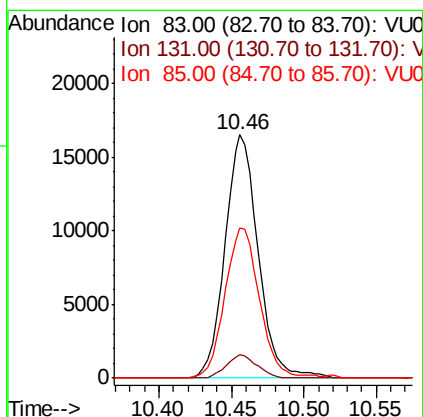
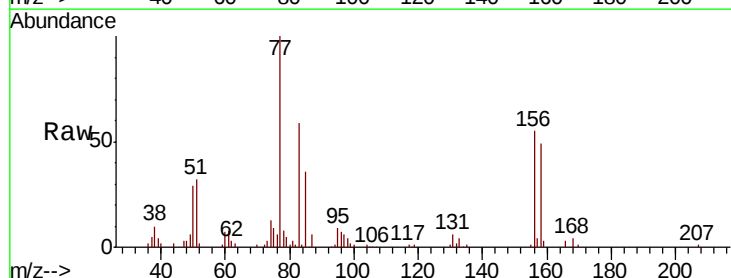
Tgt Ion: 83 Resp: 26215

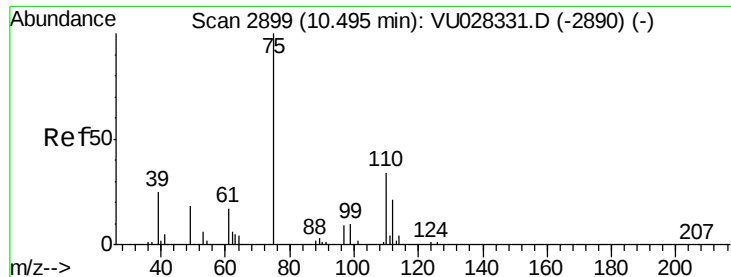
Ion Ratio Lower Upper

83 100

131 8.7 6.6 9.8

85 64.4 50.5 75.7

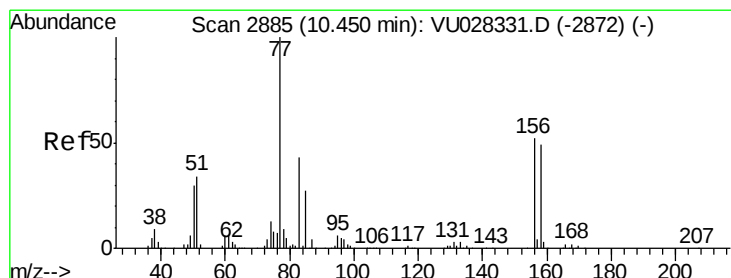
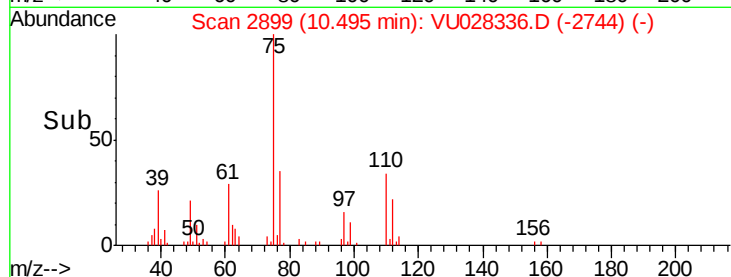
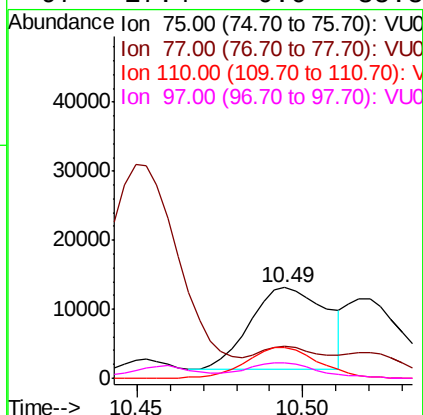
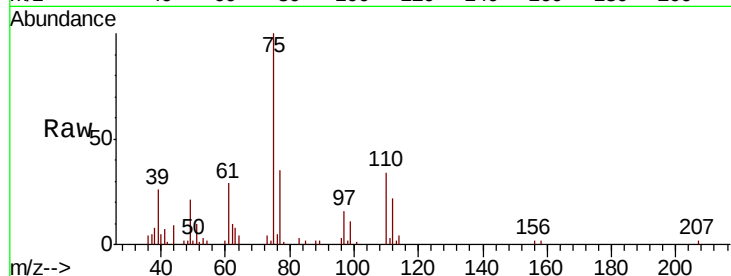




#71
1,2,3-Trichloropropane
Concen: 1.843 ug/l
RT: 10.49 min Scan# 2899
Delta R.T. -0.00 min
Lab File: VU028336.D
Acq: 26 Nov 2018 14:10

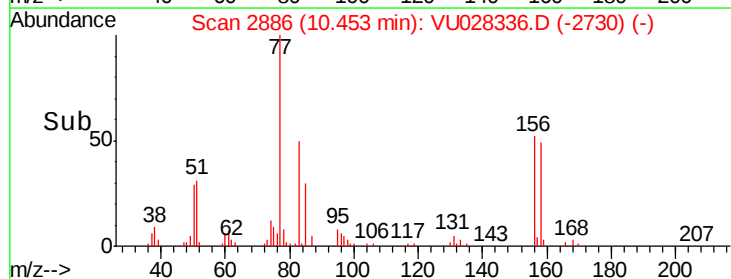
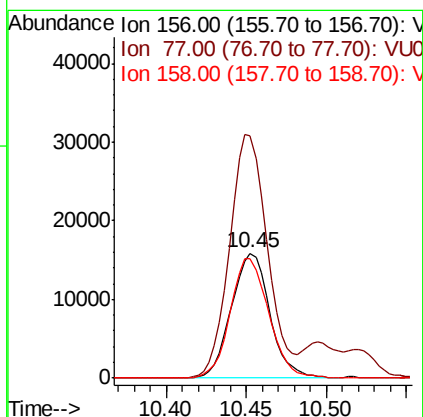
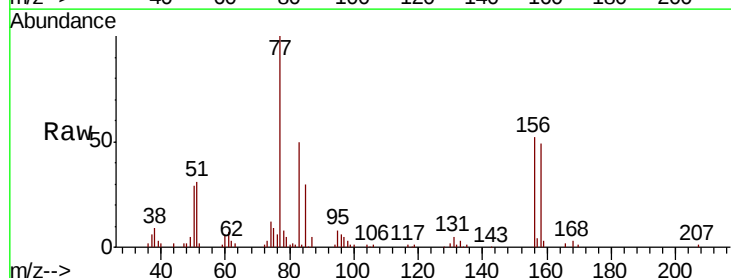
Instrument :
MSVOA_U
ClientSampleId :
VU1126WBSD01

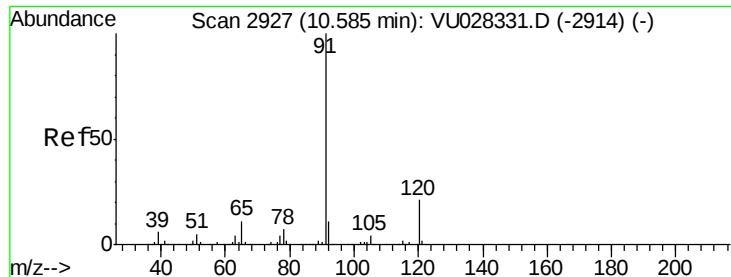
Tgt Ion:	75	Resp:	19052
Ion	Ratio	Lower	Upper
75	100		
77	10.9	0.0	0.0#
110	35.5	0.0	67.6
97	17.4	0.0	35.8



#72
Bromobenzene
Concen: 1.808 ug/l
RT: 10.45 min Scan# 2886
Delta R.T. 0.00 min
Lab File: VU028336.D
Acq: 26 Nov 2018 14:10

Tgt Ion:	156	Resp:	25952
Ion	Ratio	Lower	Upper
156	100		
77	193.0	0.0	380.4
158	96.0	0.0	191.2





#73

n-propylbenzene

Concen: 1.752 ug/l

RT: 10.59 min Scan# 2928

Delta R.T. 0.00 min

Lab File: VU028336.D

Acq: 26 Nov 2018 14:10

Instrument :

MSVOA_U

ClientSampleId :

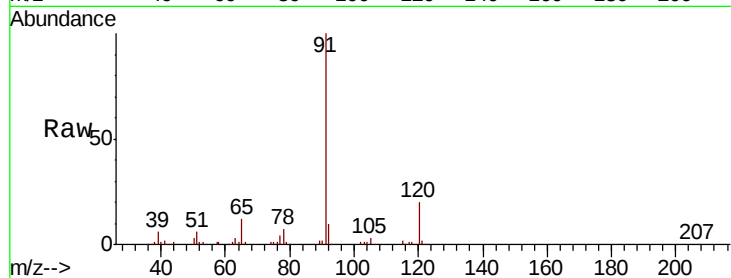
VU1126WBSD01

Tgt Ion:120 Resp: 29396

Ion Ratio Lower Upper

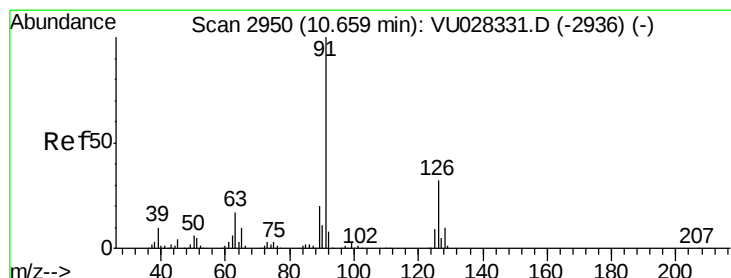
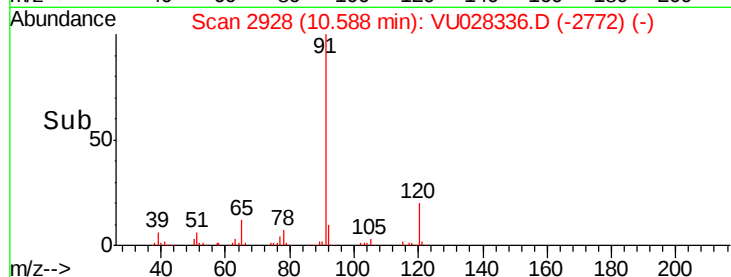
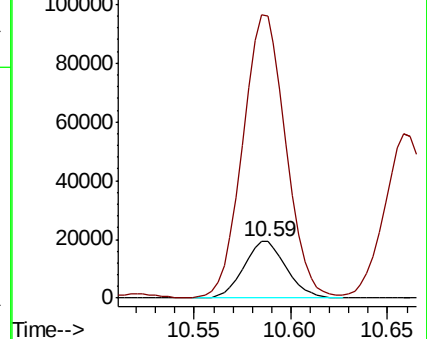
120 100

91 505.3 388.1 582.1



Abundance Ion 120.00 (119.70 to 120.70): V

Ion 91.00 (90.70 to 91.70): VU0



#74

2-Chlorotoluene

Concen: 1.891 ug/l

RT: 10.66 min Scan# 2950

Delta R.T. -0.00 min

Lab File: VU028336.D

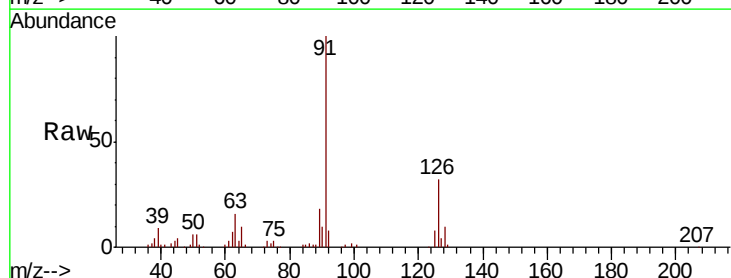
Acq: 26 Nov 2018 14:10

Tgt Ion:126 Resp: 27796

Ion Ratio Lower Upper

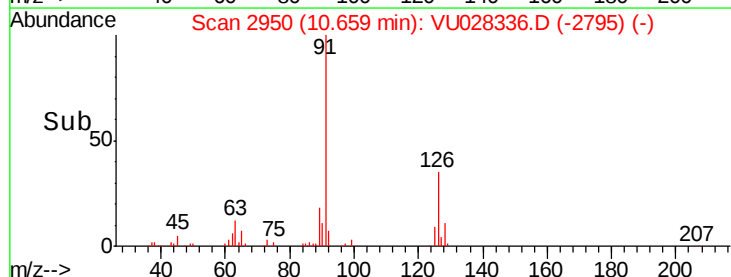
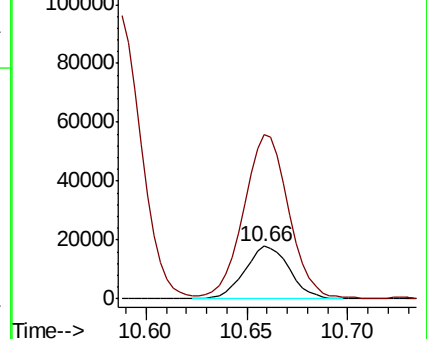
126 100

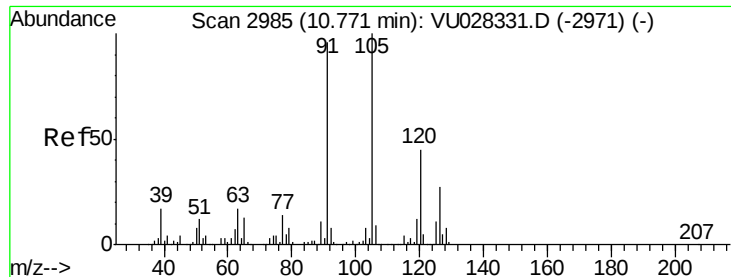
91 311.3 0.0 661.0



Abundance Ion 126.00 (125.70 to 126.70): V

Ion 91.00 (90.70 to 91.70): VU0





#75

1,3,5-Trimethylbenzene

Concen: 1.787 ug/l

RT: 10.77 min Scan# 2985

Delta R.T. -0.00 min

Lab File: VU028336.D

Acq: 26 Nov 2018 14:10

Instrument :

MSVOA_U

ClientSampleId :

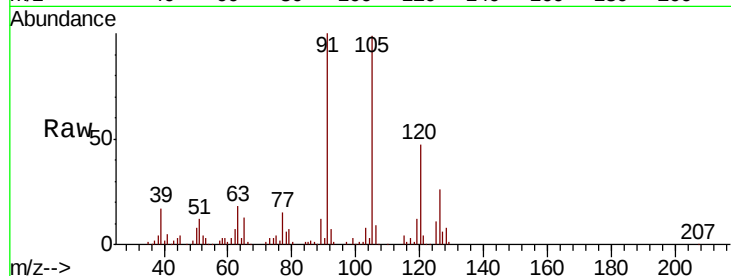
VU1126WBSD01

Tgt Ion:105 Resp: 97288

Ion Ratio Lower Upper

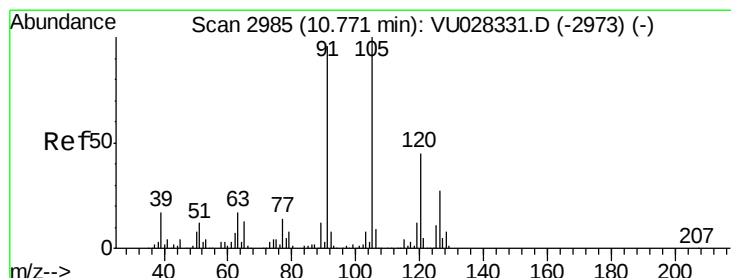
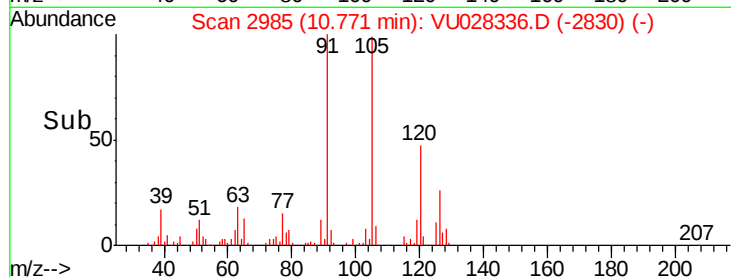
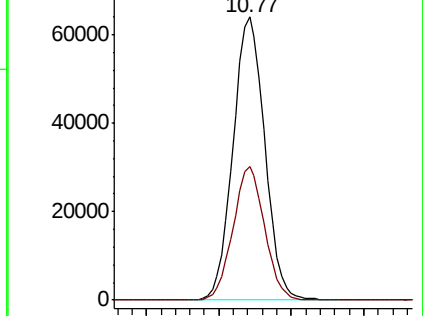
105 100

120 46.9 36.3 54.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#76

4-Chlorotoluene

Concen: 1.826 ug/l

RT: 10.77 min Scan# 2985

Delta R.T. -0.00 min

Lab File: VU028336.D

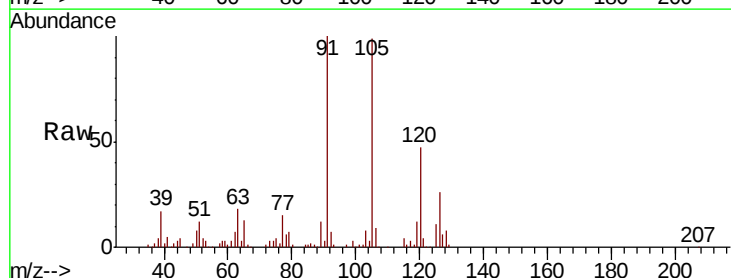
Acq: 26 Nov 2018 14:10

Tgt Ion:126 Resp: 27204

Ion Ratio Lower Upper

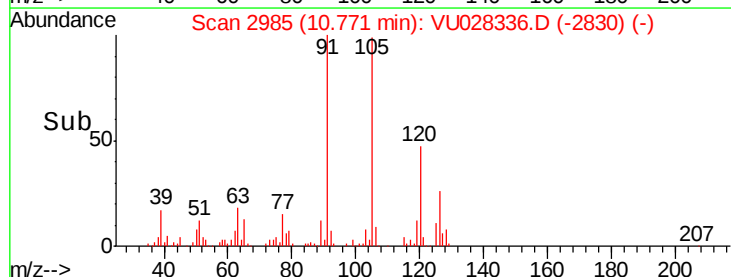
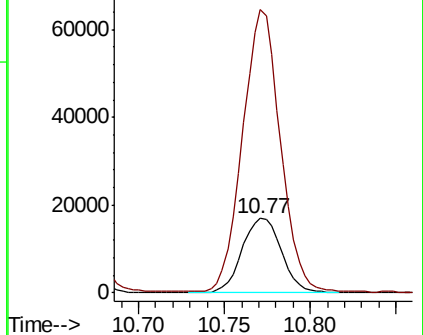
126 100

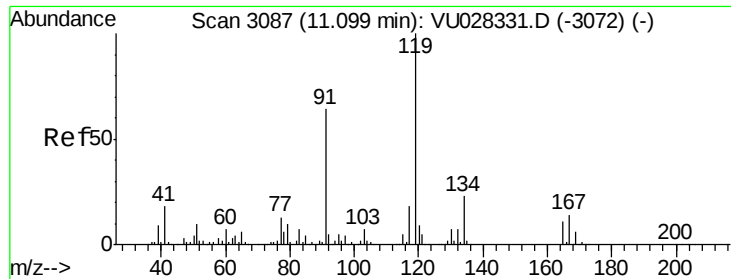
91 360.9 0.0 731.2



Abundance Ion 126.00 (125.70 to 126.70): V

Ion 91.00 (90.70 to 91.70): VU0

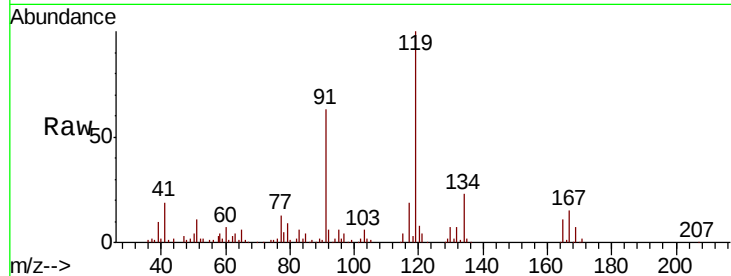




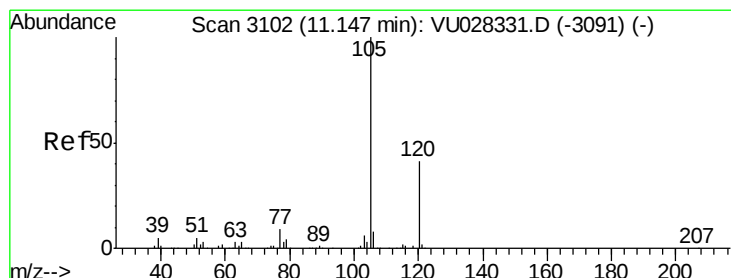
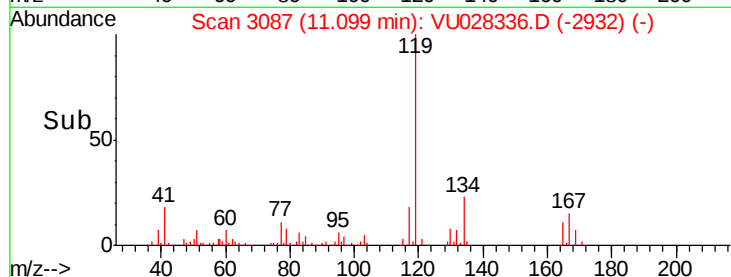
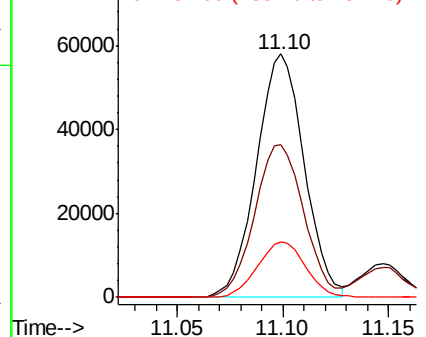
#77
 tert-Butylbenzene
 Concen: 1.780 ug/l
 RT: 11.10 min Scan# 3087
 Delta R.T. -0.00 min
 Lab File: VU028336.D
 Acq: 26 Nov 2018 14:10

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1126WBSD01

Tgt Ion:119 Resp: 91216
 Ion Ratio Lower Upper
 119 100
 91 64.9 32.0 96.0
 134 22.9 17.9 26.9

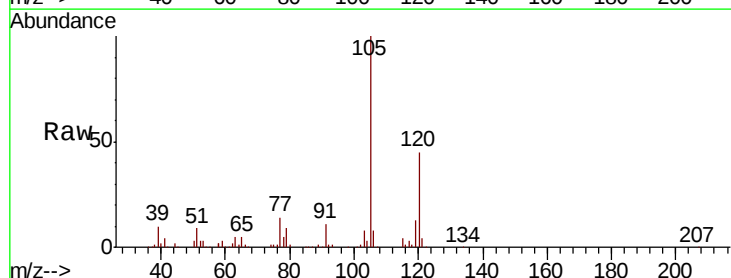


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): VU0
 Ion 134.00 (133.70 to 134.70): V

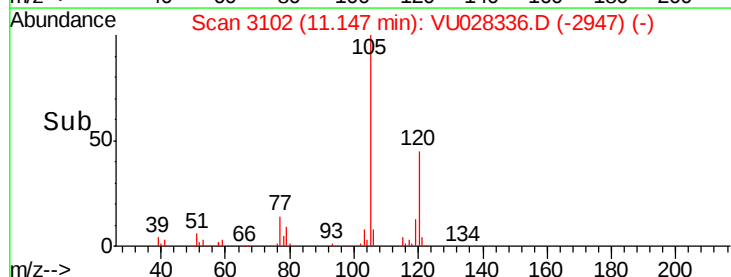
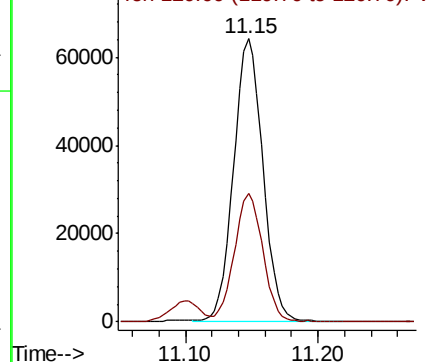


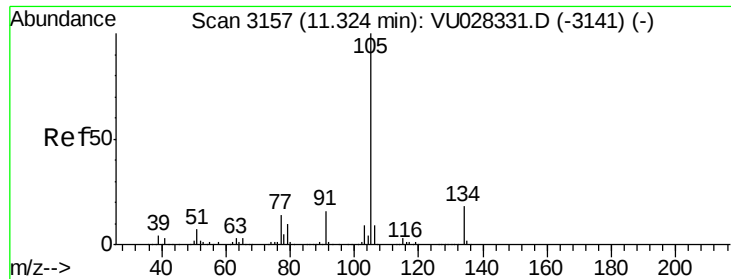
#78
 1,2,4-Trimethylbenzene
 Concen: 1.771 ug/l
 RT: 11.15 min Scan# 3102
 Delta R.T. -0.00 min
 Lab File: VU028336.D
 Acq: 26 Nov 2018 14:10

Tgt Ion:105 Resp: 98820
 Ion Ratio Lower Upper
 105 100
 120 43.3 21.9 65.8



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

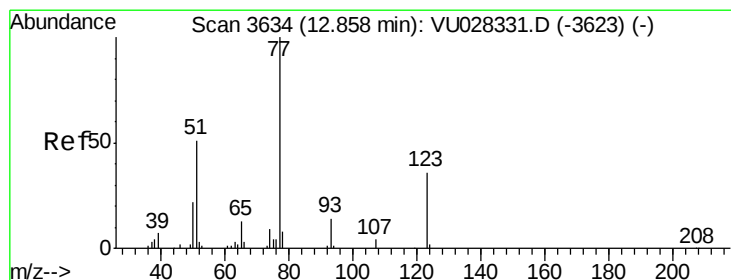
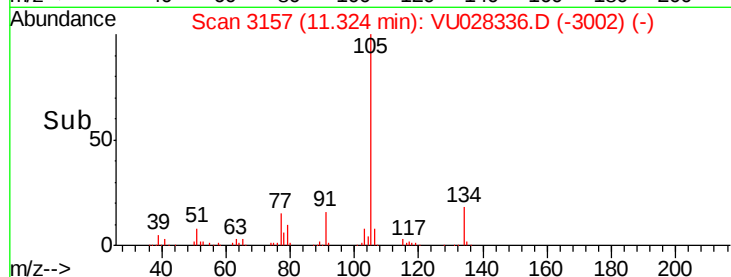
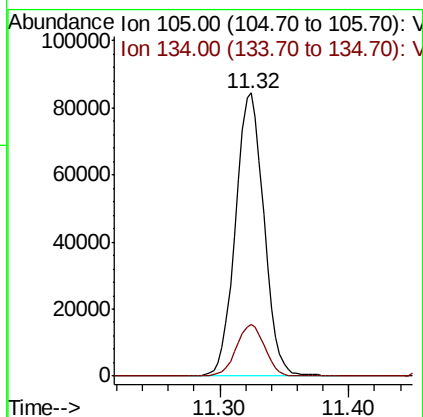
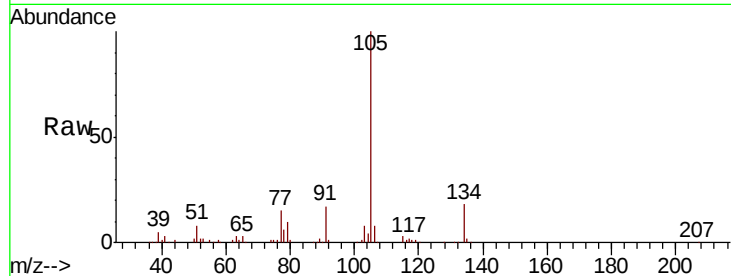




#79
 sec-Butylbenzene
 Concen: 1.809 ug/l
 RT: 11.32 min Scan# 3157
 Delta R.T. -0.00 min
 Lab File: VU028336.D
 Acq: 26 Nov 2018 14:10

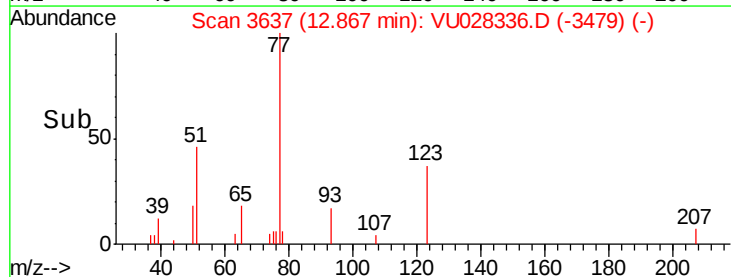
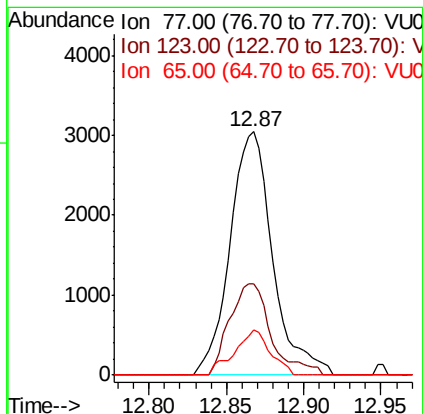
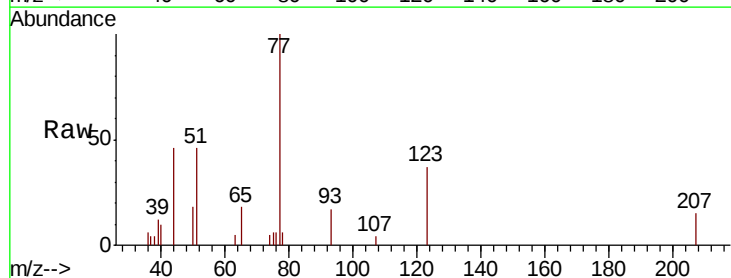
Instrument :
 MSVOA_U
 ClientSampleId :
 VU1126WBSD01

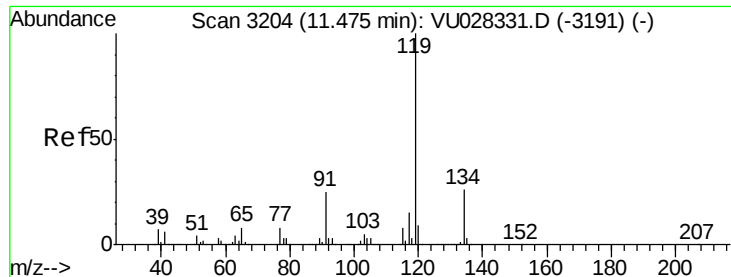
Tgt Ion: 105 Resp: 129234
 Ion Ratio Lower Upper
 105 100
 134 18.4 14.6 22.0



#80
 Nitrobenzene
 Concen: 8.713 ug/l
 RT: 12.87 min Scan# 3637
 Delta R.T. 0.01 min
 Lab File: VU028336.D
 Acq: 26 Nov 2018 14:10

Tgt Ion: 77 Resp: 5821
 Ion Ratio Lower Upper
 77 100
 123 36.6 16.5 58.3
 65 15.6 12.1 15.3#

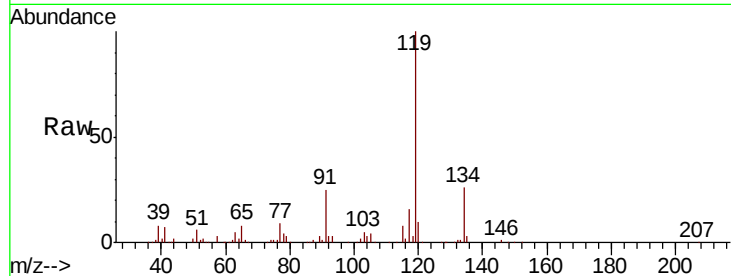




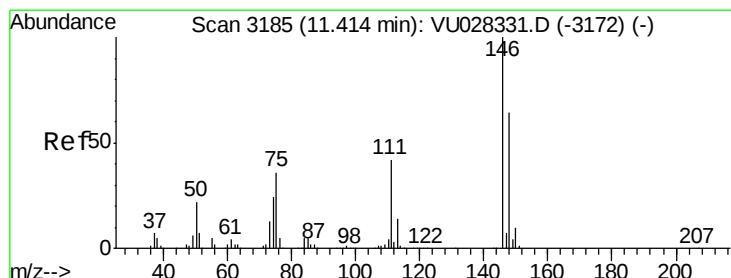
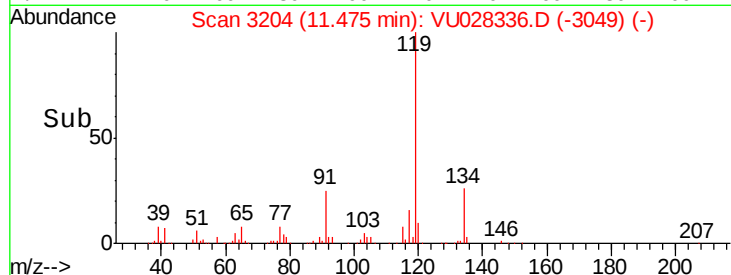
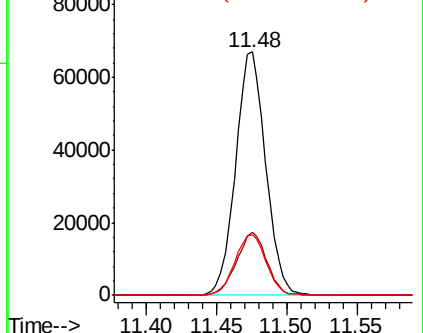
#81
p-Isopropyltoluene
Concen: 1.766 ug/l
RT: 11.48 min Scan# 3204
Delta R.T. -0.00 min
Lab File: VU028336.D
Acq: 26 Nov 2018 14:10

Instrument :
MSVOA_U
ClientSampleId :
VU1126WBSD01

Tgt Ion:119 Resp: 100283
Ion Ratio Lower Upper
119 100
134 25.9 20.3 30.5
91 26.1 20.0 30.0

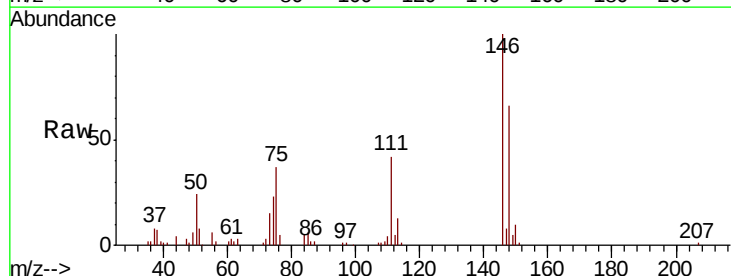


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 134.00 (133.70 to 134.70): V
Ion 91.00 (90.70 to 91.70): V

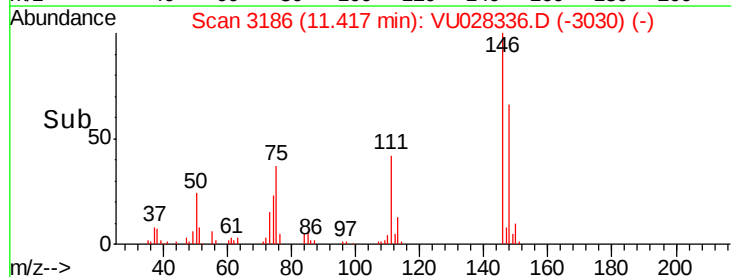
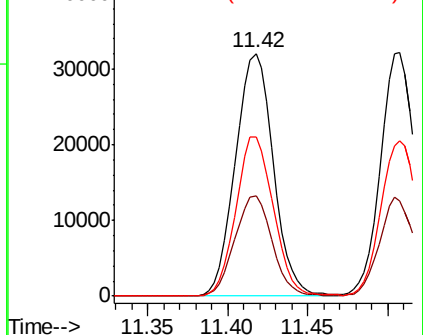


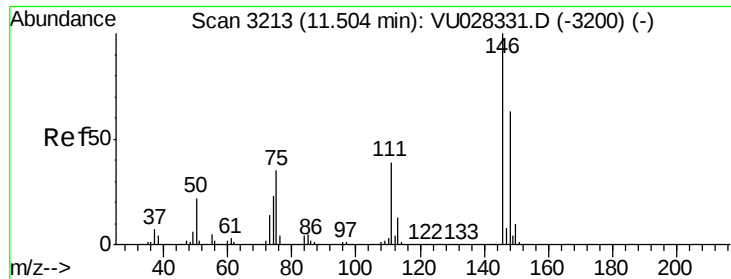
#82
1,3-Dichlorobenzene
Concen: 1.799 ug/l
RT: 11.42 min Scan# 3186
Delta R.T. 0.00 min
Lab File: VU028336.D
Acq: 26 Nov 2018 14:10

Tgt Ion:146 Resp: 51743
Ion Ratio Lower Upper
146 100
111 40.7 33.4 50.2
148 64.8 51.2 76.8



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

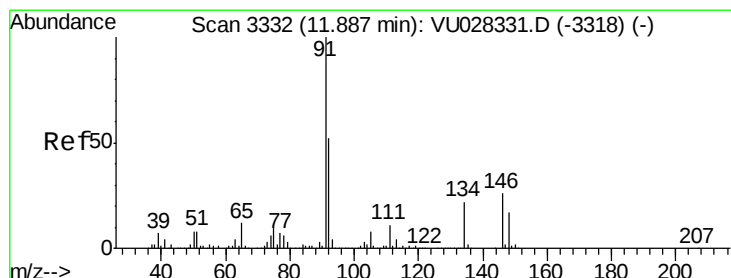
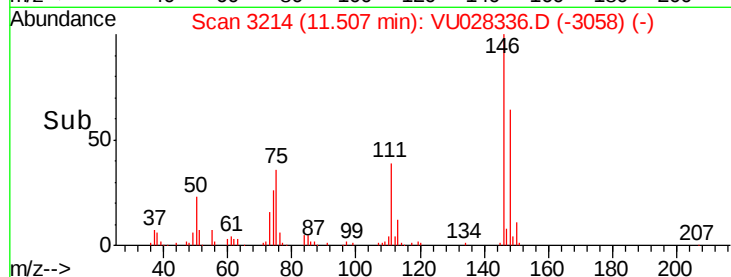
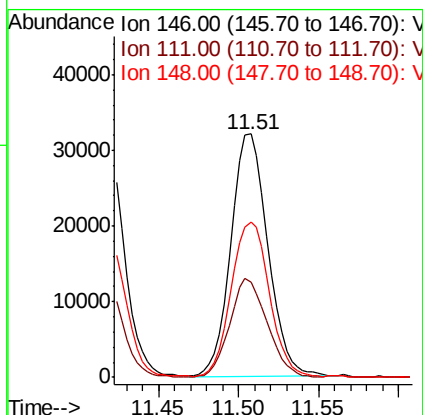
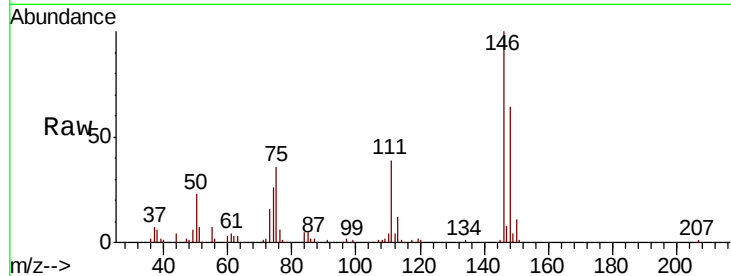




#83
 1,4-Dichlorobenzene
 Concen: 1.757 ug/l
 RT: 11.51 min Scan# 3214
 Delta R.T. 0.00 min
 Lab File: VU028336.D
 Acq: 26 Nov 2018 14:10

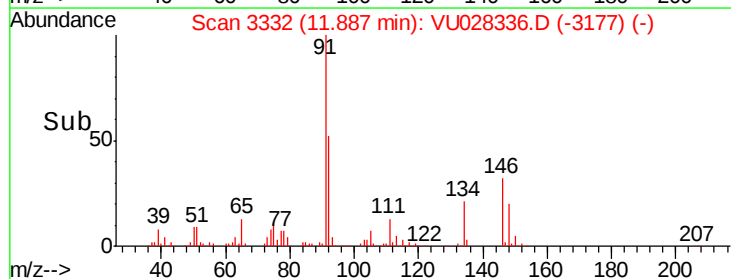
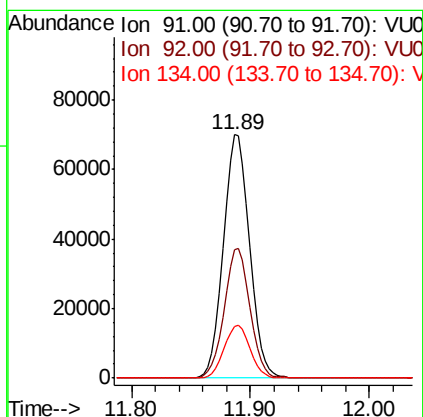
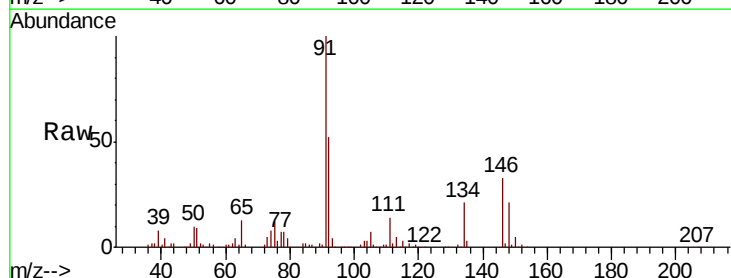
Instrument :
 MSVOA_U
 ClientSampleId :
 VU1126WBSD01

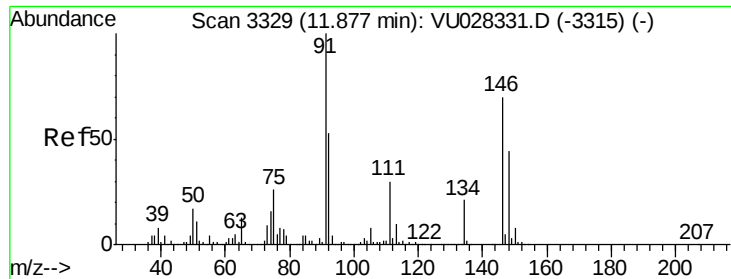
Tgt Ion:146 Resp: 50302
 Ion Ratio Lower Upper
 146 100
 111 41.3 31.4 47.2
 148 65.5 50.7 76.1



#84
 n-Butylbenzene
 Concen: 1.791 ug/l
 RT: 11.89 min Scan# 3332
 Delta R.T. -0.00 min
 Lab File: VU028336.D
 Acq: 26 Nov 2018 14:10

Tgt Ion: 91 Resp: 106762
 Ion Ratio Lower Upper
 91 100
 92 52.2 41.6 62.4
 134 21.5 17.8 26.6





#85

1,2-Dichlorobenzene

Concen: 1.788 ug/l

RT: 11.88 min Scan# 3330

Delta R.T. 0.00 min

Lab File: VU028336.D

Acq: 26 Nov 2018 14:10

Instrument :

MSVOA_U

ClientSampleId :

VU1126WBSD01

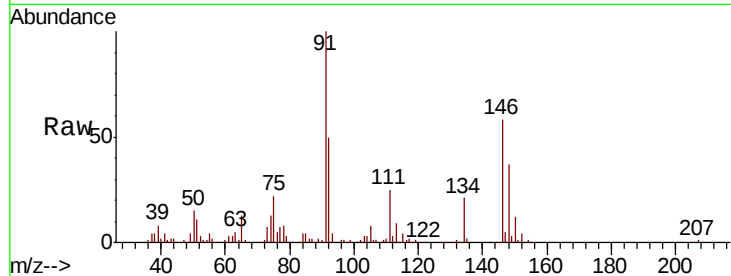
Tgt Ion:146 Resp: 48930

Ion Ratio Lower Upper

146 100

111 42.5 21.4 64.3

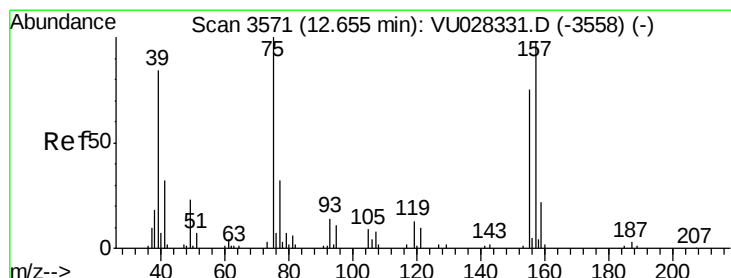
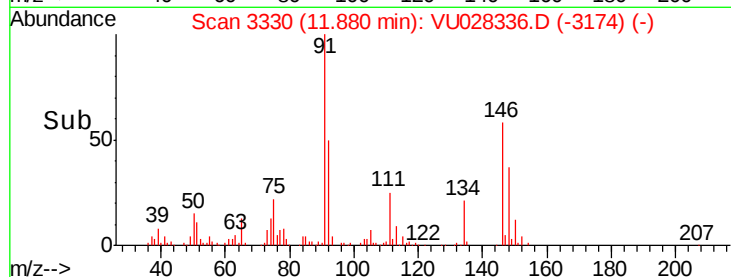
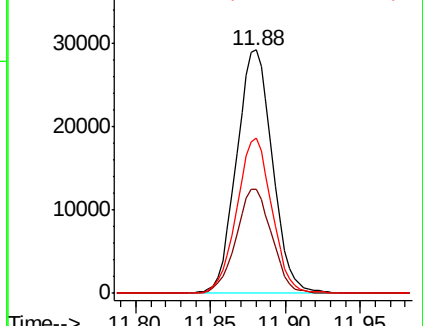
148 62.2 31.4 94.2



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



#86

1,2-Dibromo-3-Chloropropane

Concen: 1.823 ug/l

RT: 12.66 min Scan# 3571

Delta R.T. -0.00 min

Lab File: VU028336.D

Acq: 26 Nov 2018 14:10

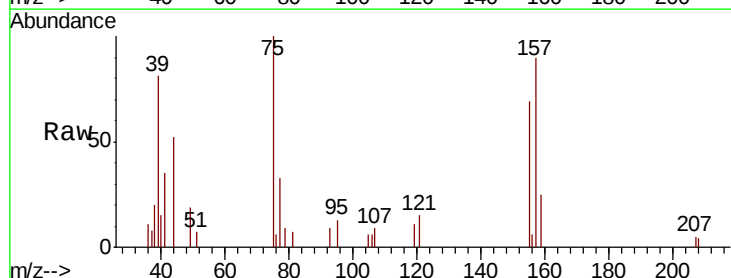
Tgt Ion: 75 Resp: 4349

Ion Ratio Lower Upper

75 100

155 66.4 57.0 85.4

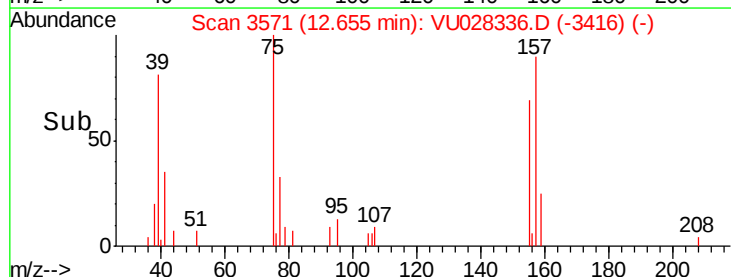
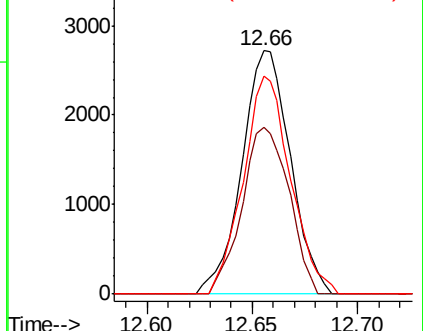
157 87.4 75.4 113.2

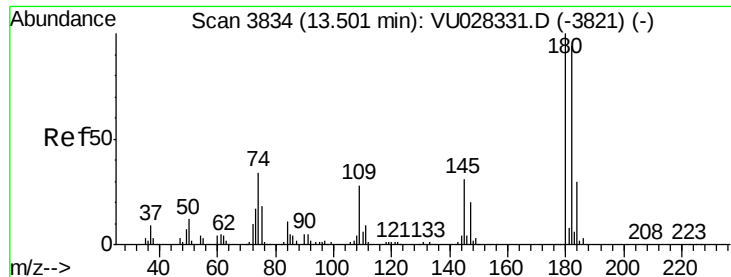


Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 155.00 (154.70 to 155.70): V

Ion 157.00 (156.70 to 157.70): V

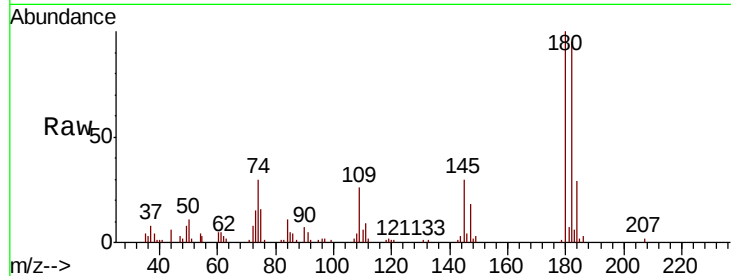




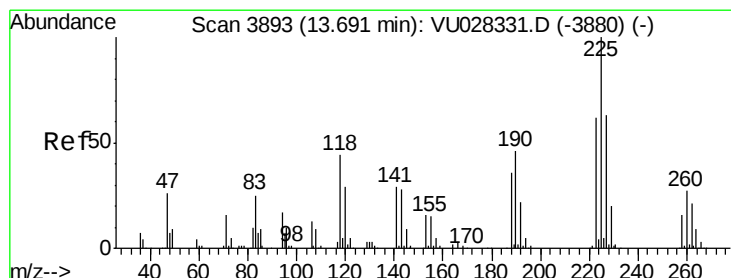
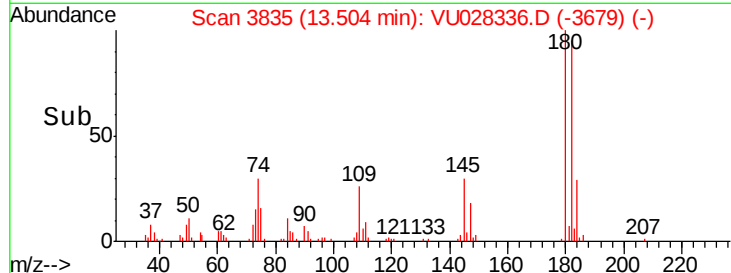
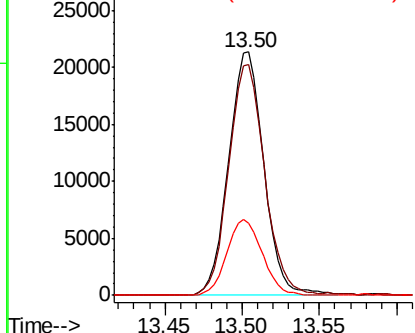
#87
 1,2,4-Trichlorobenzene
 Concen: 1.751 ug/l
 RT: 13.50 min Scan# 3835
 Delta R.T. 0.00 min
 Lab File: VU028336.D
 Acq: 26 Nov 2018 14:10

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1126WBSD01

Tgt Ion:180 Resp: 33687
 Ion Ratio Lower Upper
 180 100
 182 97.1 75.6 113.4
 145 31.2 24.4 36.6

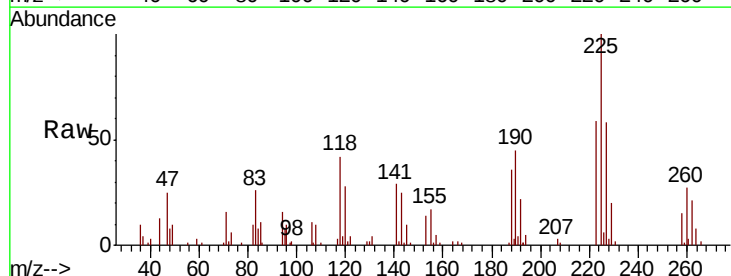


Abundance Ion 179.70 (179.40 to 180.40): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

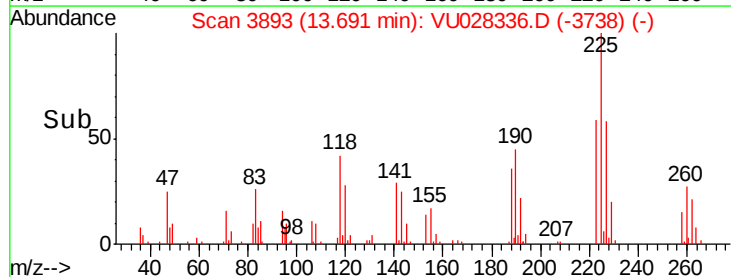
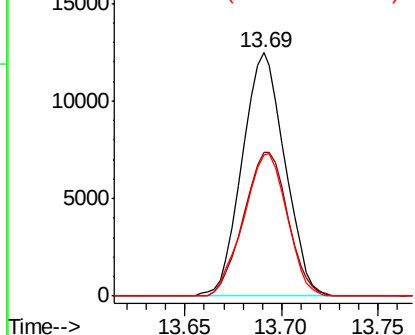


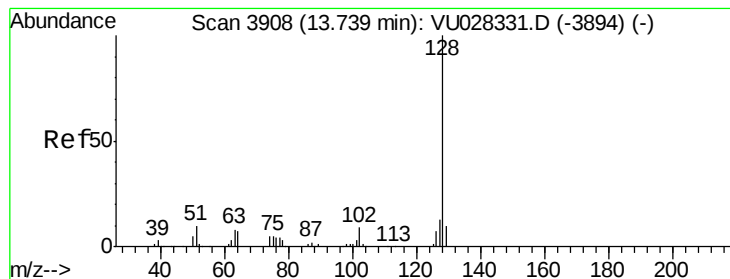
#88
 Hexachlorobutadiene
 Concen: 1.840 ug/l
 RT: 13.69 min Scan# 3893
 Delta R.T. -0.00 min
 Lab File: VU028336.D
 Acq: 26 Nov 2018 14:10

Tgt Ion:225 Resp: 19152
 Ion Ratio Lower Upper
 225 100
 223 61.3 50.6 76.0
 227 59.6 50.8 76.2



Abundance Ion 224.60 (224.30 to 225.30): V
 Ion 222.60 (222.30 to 223.30): V
 Ion 226.60 (226.30 to 227.30): V





#89

Naphthalene

Concen: 1.715 ug/l

RT: 13.74 min Scan# 3909

Delta R.T. 0.00 min

Lab File: VU028336.D

Acq: 26 Nov 2018 14:10

Instrument :

MSVOA_U

ClientSampleId :

VU1126WBSD01

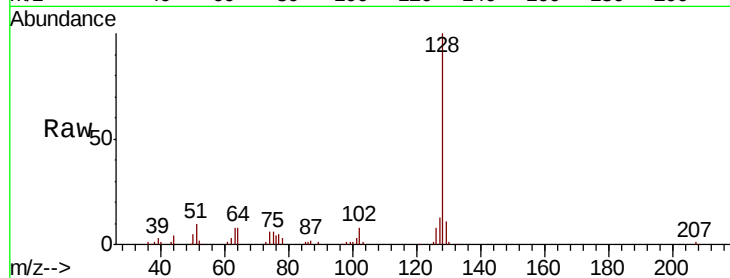
Tgt Ion:128 Resp: 65212

Ion Ratio Lower Upper

128 100

127 13.1 10.3 15.5

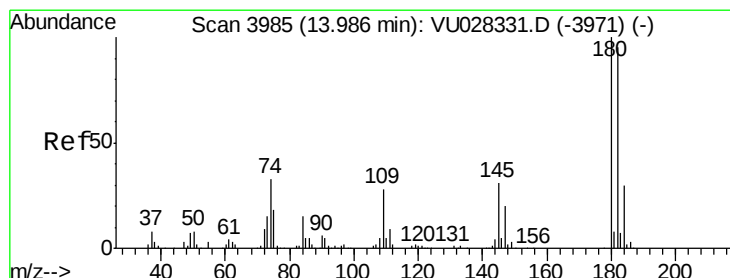
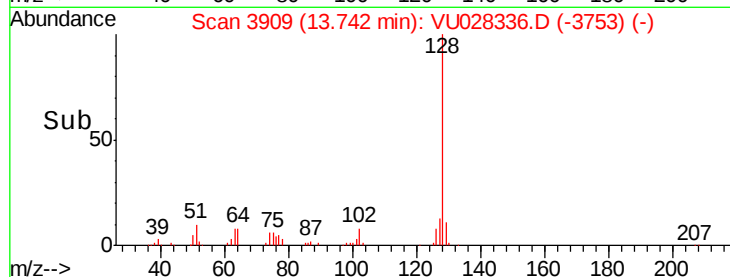
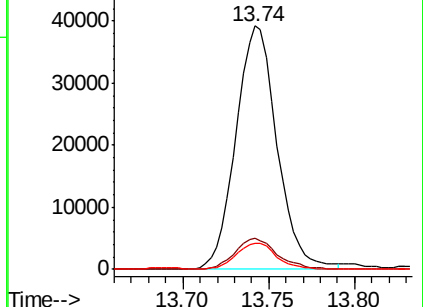
129 10.5 8.2 12.4



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#90

1,2,3-Trichlorobenzene

Concen: 1.672 ug/l

RT: 13.99 min Scan# 3985

Delta R.T. -0.00 min

Lab File: VU028336.D

Acq: 26 Nov 2018 14:10

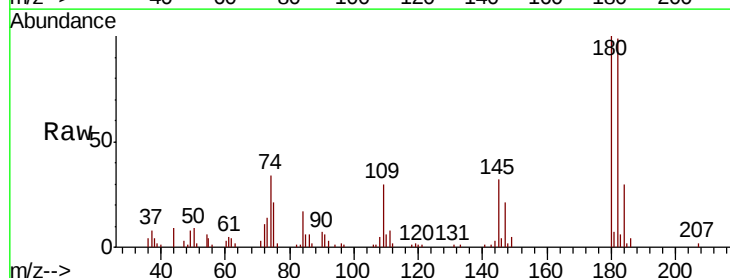
Tgt Ion:180 Resp: 30329

Ion Ratio Lower Upper

180 100

182 99.9 76.1 114.1

145 32.5 26.0 39.0



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

