

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU062818\
 Data File : VU025008.D
 Acq On : 28 Jun 2018 10:01
 Operator : MD/SY
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFB62

Quant Time: Jun 29 05:01:53 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U061318W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 13 13:55:26 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	185020	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	272611	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	254806	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	163125	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.31	65	143196	47.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.82%	
35) Dibromofluoromethane	4.89	113	115210	50.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.84%	
50) Toluene-d8	7.57	98	392657	47.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.16%	
62) 4-Bromofluorobenzene	10.31	95	165040	50.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.74%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	100834	43.541	ug/l	99
3) Chloromethane	1.33	50	100269	42.379	ug/l	100
4) Vinyl Chloride	1.40	62	110898	45.450	ug/l	96
5) Bromomethane	1.62	94	65958	55.918	ug/l	98
6) Chloroethane	1.69	64	73108	53.697	ug/l	99
7) Trichlorofluoromethane	1.88	101	187314	50.303	ug/l	99
8) Diethyl Ether	2.10	74	68467	54.187	ug/l	89
9) 1,1,2-Trichlorotrifluoroet	2.29	101	114838	49.710	ug/l	97
10) Methyl Iodide	2.41	142	121281	60.761	ug/l	99
11) Tert butyl alcohol	2.82	59	154450	210.248	ug/l	100
12) 1,1-Dichloroethene	2.28	96	104539	49.621	ug/l	94
13) Acrolein	2.19	56	43071	111.651	ug/l	96
14) Allyl chloride	2.59	41	203228	51.955	ug/l	92
15) Acrylonitrile	2.93	53	329320	230.411	ug/l	98
16) Acetone	2.32	43	516278	318.119	ug/l	98
17) Carbon Disulfide	2.48	76	295257	43.769	ug/l	100
18) Methyl Acetate	2.61	43	186411	53.579	ug/l	98
19) Methyl tert-butyl Ether	3.00	73	405845	51.249	ug/l	96
20) Methylene Chloride	2.70	84	122053	47.931	ug/l	96
21) trans-1,2-Dichloroethene	2.99	96	115636	49.836	ug/l	97
22) Diisopropyl ether	3.57	45	393861	50.793	ug/l	96
23) Vinyl Acetate	3.53	43	1655200	238.290	ug/l	99
24) 1,1-Dichloroethane	3.45	63	225164	50.477	ug/l	99
25) 2-Butanone	4.26	43	583574	267.703	ug/l	97
26) 2,2-Dichloropropane	4.23	77	219038	51.712	ug/l	98
27) cis-1,2-Dichloroethene	4.23	96	134572	50.447	ug/l	98
28) Bromochloromethane	4.55	49	96392	49.059	ug/l	83
29) Tetrahydrofuran	4.63	42	305654	226.417	ug/l	97
30) Chloroform	4.68	83	235669	52.196	ug/l	99
31) Cyclohexane	5.00	56	206921	52.327	ug/l	95
32) 1,1,1-Trichloroethane	4.92	97	215811	51.689	ug/l	97
36) 1,1-Dichloropropene	5.14	75	176537	55.109	ug/l	98
37) Ethyl Acetate	4.38	43	180438	51.680	ug/l	97
38) Carbon Tetrachloride	5.14	117	196155	55.684	ug/l	99

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 Quant Title : SW846 8260
 QLast Update : Wed Jun 13 13:55:26 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.42	83	220131	55.066	ug/l	96
40) Benzene	5.39	78	496098	54.349	ug/l	100
41) Methacrylonitrile	4.54	41	101908	54.135	ug/l	99
42) 1,2-Dichloroethane	5.41	62	204479	58.818	ug/l	98
43) Isopropyl Acetate	5.55	43	298247	49.418	ug/l	98
44) Trichloroethene	6.19	130	137392	52.888	ug/l	97
45) 1,2-Dichloropropane	6.44	63	131126	53.838	ug/l	95
46) Dibromomethane	6.56	93	94453	55.211	ug/l	96
47) Bromodichloromethane	6.76	83	183721	53.931	ug/l	97
48) Methyl methacrylate	6.62	41	154859	52.695	ug/l	99
49) 1,4-Dioxane	6.62	88	68220	1187.030	ug/l	98
51) 4-Methyl-2-Pentanone	7.46	43	930726	245.471	ug/l	98
52) Toluene	7.64	92	319493	54.404	ug/l	100
53) t-1,3-Dichloropropene	7.88	75	202861	53.027	ug/l	99
54) cis-1,3-Dichloropropene	7.27	75	210615	51.666	ug/l	99
55) 1,1,2-Trichloroethane	8.07	97	129195	54.121	ug/l	97
56) Ethyl methacrylate	8.02	69	201113	50.336	ug/l	98
57) 1,3-Dichloropropane	8.25	76	220894	54.855	ug/l	98
58) 2-Chloroethyl Vinyl ether	7.13	63	66852	43.675	ug/l	97
59) 2-Hexanone	8.36	43	826518	267.008	ug/l	100
60) Dibromochloromethane	8.48	129	150956	50.711	ug/l	100
61) 1,2-Dibromoethane	8.59	107	143355	53.955	ug/l	99
64) Tetrachloroethene	8.23	164	132738	54.804	ug/l	99
65) Chlorobenzene	9.12	112	364377	55.977	ug/l	100
66) 1,1,1,2-Tetrachloroethane	9.21	131	135623	54.841	ug/l	97
67) Ethyl Benzene	9.25	91	643468	56.388	ug/l	98
68) m/p-Xylenes	9.38	106	498191	113.691	ug/l	99
69) o-Xylene	9.78	106	244726	56.432	ug/l	97
70) Styrene	9.80	104	396025	55.570	ug/l	99
71) Bromoform	9.96	173	118182	50.277	ug/l #	98
73) Isopropylbenzene	10.17	105	670843	53.564	ug/l	99
74) N-amyl acetate	10.01	43	277009	46.501	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.46	83	212203	50.562	ug/l	99
76) 1,2,3-Trichloropropane	10.50	75	253479	70.579	ug/l	85
77) Bromobenzene	10.45	156	169304	53.397	ug/l	95
78) n-propylbenzene	10.59	91	773094	52.402	ug/l	96
79) 2-Chlorotoluene	10.66	91	465294	53.481	ug/l	99
80) 1,3,5-Trimethylbenzene	10.78	105	591476	54.488	ug/l	100
81) trans-1,4-Dichloro-2-buten	10.50	75	253479	163.349	ug/l #	100
82) 4-Chlorotoluene	10.77	91	542467	53.571	ug/l	99
83) tert-Butylbenzene	11.10	119	574665	55.035	ug/l	100
84) 1,2,4-Trimethylbenzene	11.15	105	597297	53.993	ug/l	100
85) sec-Butylbenzene	11.33	105	712278	54.495	ug/l	98
86) p-Isopropyltoluene	11.48	119	641582	54.808	ug/l	99
87) 1,3-Dichlorobenzene	11.42	146	317918	54.273	ug/l	99
88) 1,4-Dichlorobenzene	11.51	146	324857	55.099	ug/l	99
89) n-Butylbenzene	11.89	91	541805	52.133	ug/l	96
90) Hexachloroethane	12.15	117	108617	47.564	ug/l	97
91) 1,2-Dichlorobenzene	11.88	146	328859	56.050	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.66	75	56162	48.498	ug/l	93

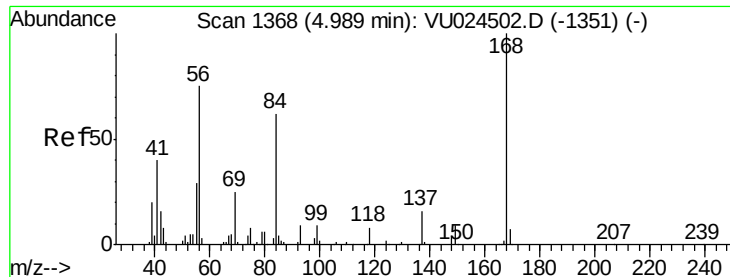
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_U\DATA\VU062818\
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Quant Title : SW846 8260
QLast Update : Wed Jun 13 13:55:26 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.51	180	226655	62.557	ug/l	99
94) Hexachlorobutadiene	13.70	225	119694	58.693	ug/l	98
95) Naphthalene	13.74	128	680963	56.680	ug/l	99
96) 1,2,3-Trichlorobenzene	13.99	180	229522	63.574	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.99 min Scan# 1367

Delta R.T. -0.00 min

Lab File: VU025008.D

Acq: 28 Jun 2018 10:01

Instrument :

MSVOA_U

ClientSampleId :

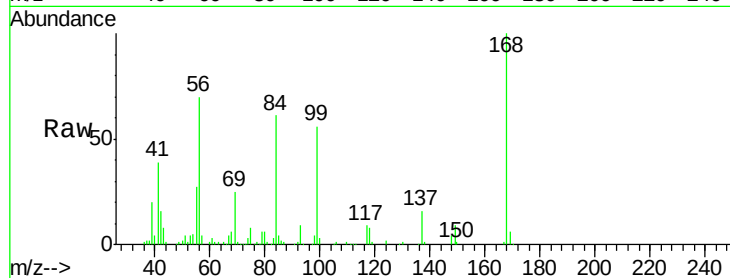
BFB62

Tgt Ion:168 Resp: 185020

Ion Ratio Lower Upper

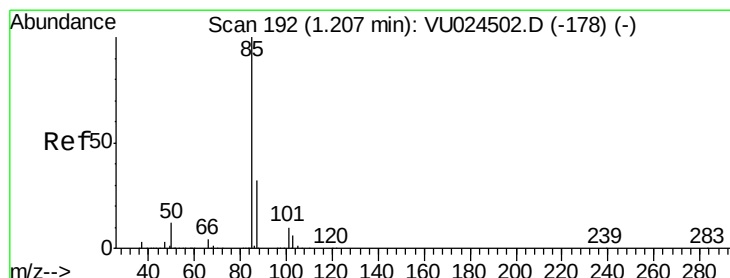
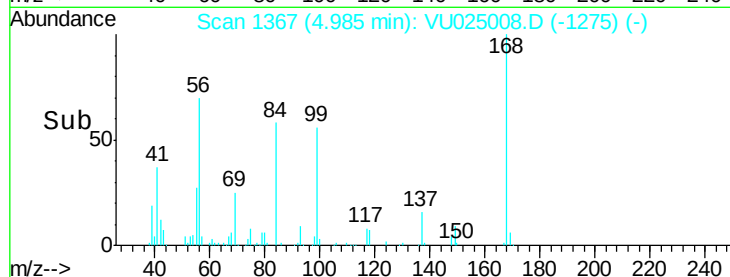
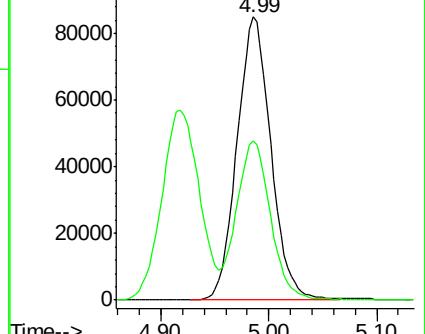
168 100

99 55.7 43.2 64.8



Abundance Ion 167.90 (167.60 to 168.60): VU024502.D (-1351) (-)

Ion 98.90 (98.60 to 99.60): VU024502.D (-1351) (-)



#2

Dichlorodifluoromethane

Concen: 43.541 ug/l

RT: 1.20 min Scan# 191

Delta R.T. -0.00 min

Lab File: VU025008.D

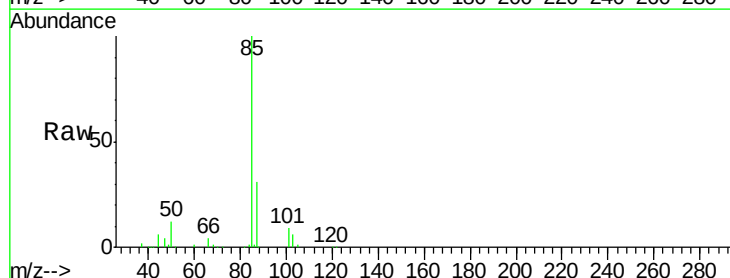
Acq: 28 Jun 2018 10:01

Tgt Ion: 85 Resp: 100834

Ion Ratio Lower Upper

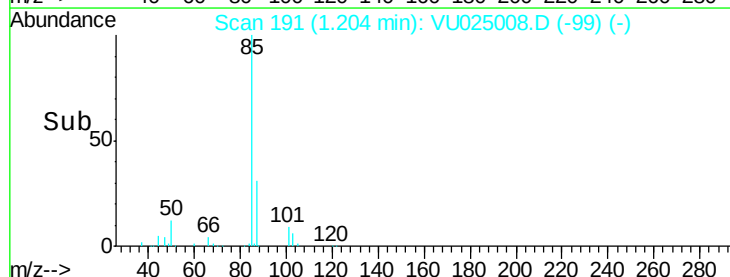
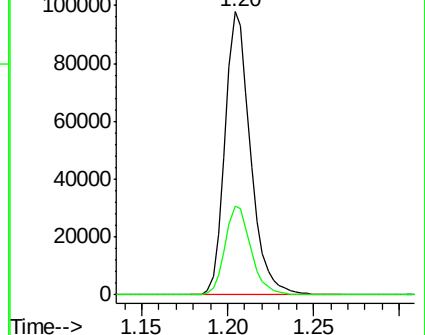
85 100

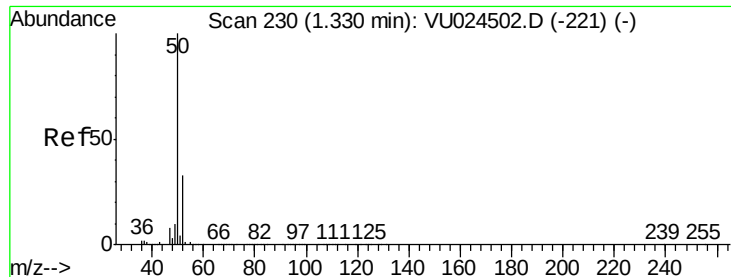
87 31.3 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VU024502.D (-178) (-)

Ion 86.90 (86.60 to 87.60): VU024502.D (-178) (-)





#3

Chloromethane

Concen: 42.379 ug/l

RT: 1.33 min Scan# 229

Delta R.T. -0.00 min

Lab File: VU025008.D

Acq: 28 Jun 2018 10:01

Instrument :

MSVOA_U

ClientSampleId :

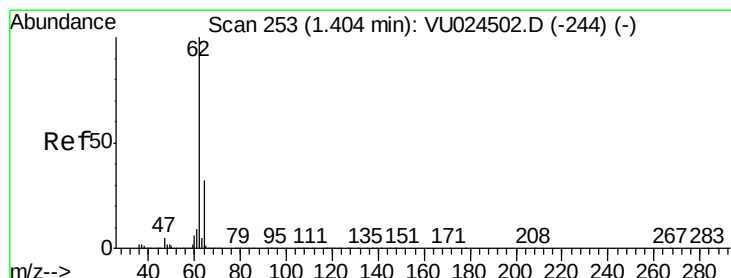
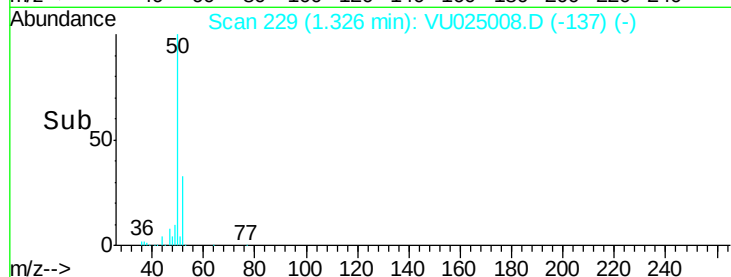
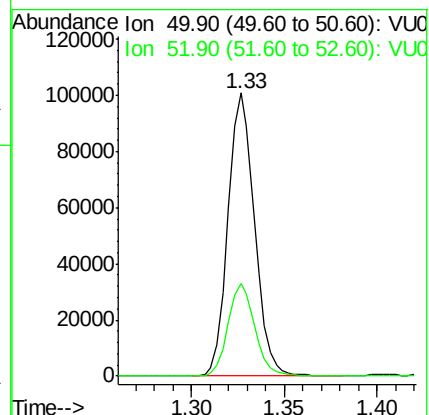
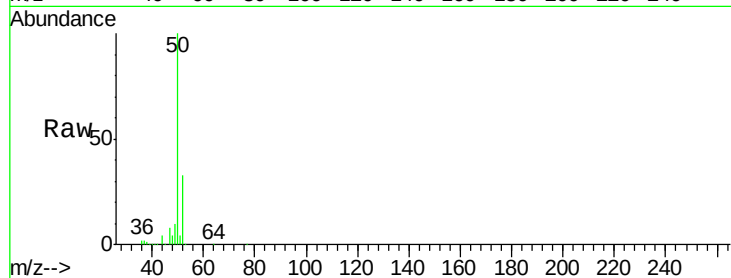
BFB62

Tgt Ion: 50 Resp: 100269

Ion Ratio Lower Upper

50 100

52 32.8 26.4 39.6



#4

Vinyl Chloride

Concen: 45.450 ug/l

RT: 1.40 min Scan# 253

Delta R.T. 0.00 min

Lab File: VU025008.D

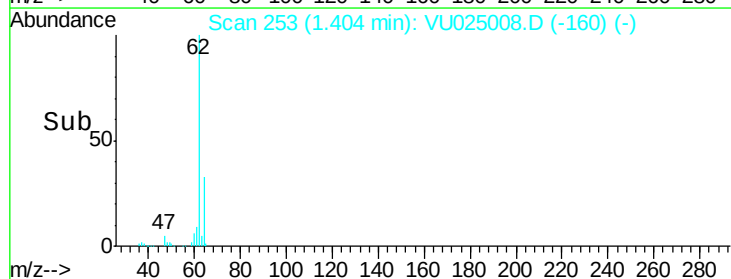
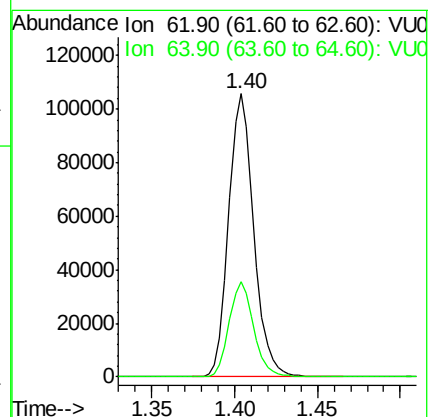
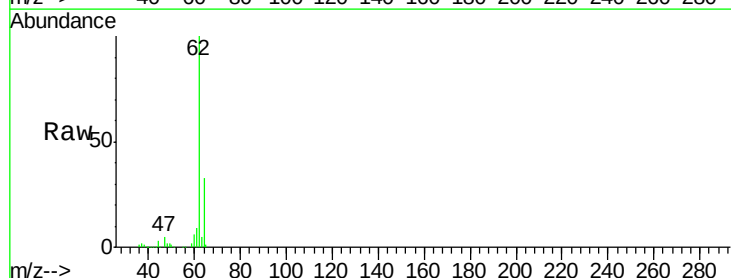
Acq: 28 Jun 2018 10:01

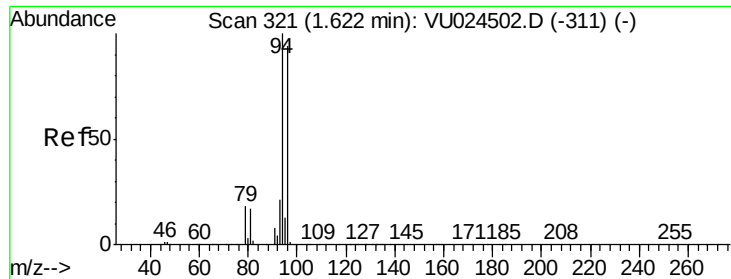
Tgt Ion: 62 Resp: 110898

Ion Ratio Lower Upper

62 100

64 33.4 24.8 37.2





#5

Bromomethane

Concen: 55.918 ug/l

RT: 1.62 min Scan# 319

Delta R.T. -0.01 min

Lab File: VU025008.D

Acq: 28 Jun 2018 10:01

Instrument :

MSVOA_U

ClientSampleId :

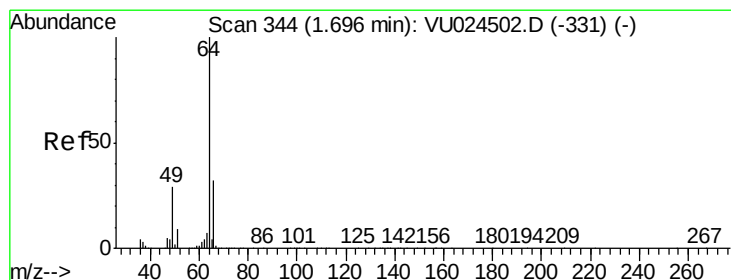
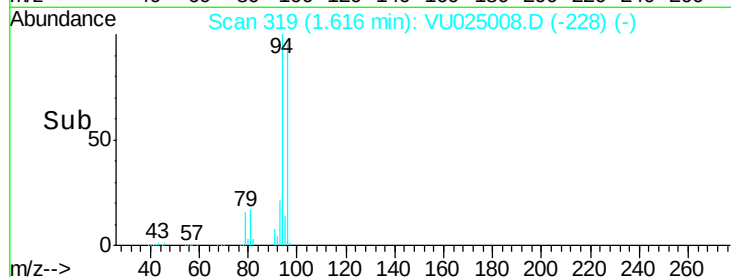
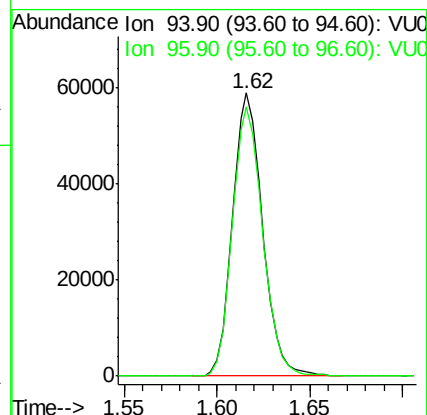
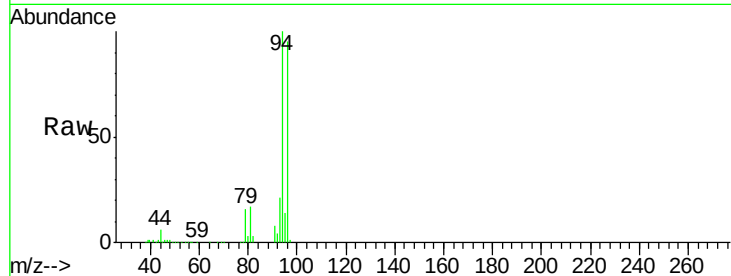
BFB62

Tgt Ion: 94 Resp: 65958

Ion Ratio Lower Upper

94 100

96 95.0 74.5 111.7



#6

Chloroethane

Concen: 53.697 ug/l

RT: 1.69 min Scan# 343

Delta R.T. -0.00 min

Lab File: VU025008.D

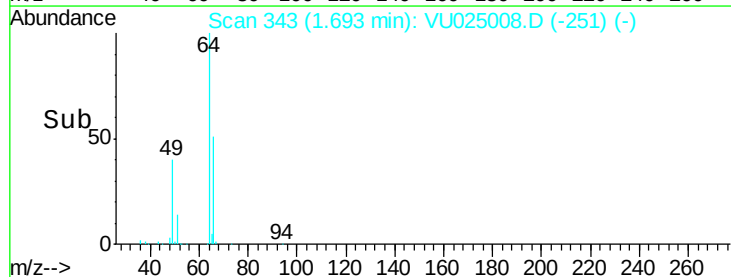
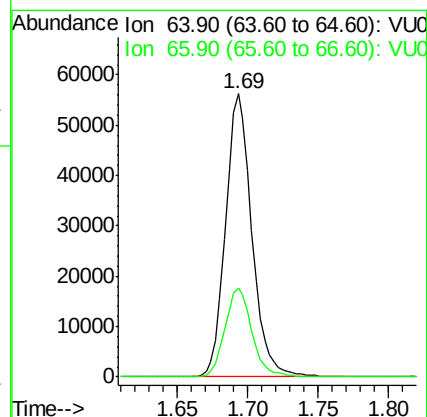
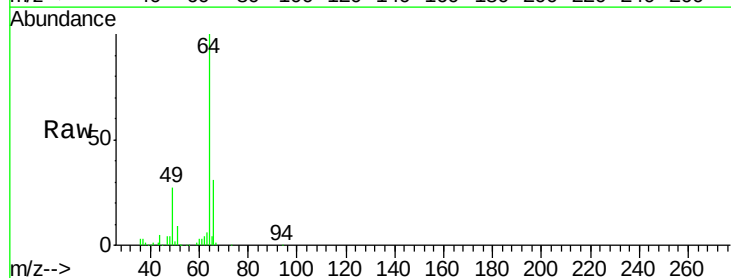
Acq: 28 Jun 2018 10:01

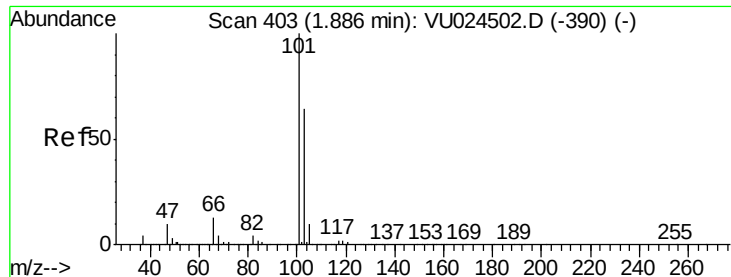
Tgt Ion: 64 Resp: 73108

Ion Ratio Lower Upper

64 100

66 31.4 25.5 38.3



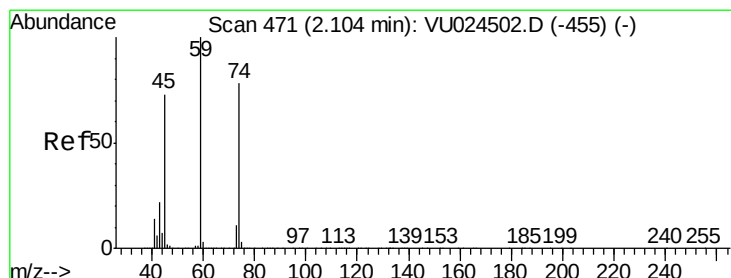
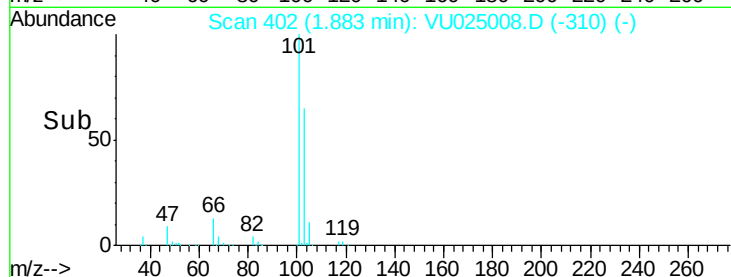
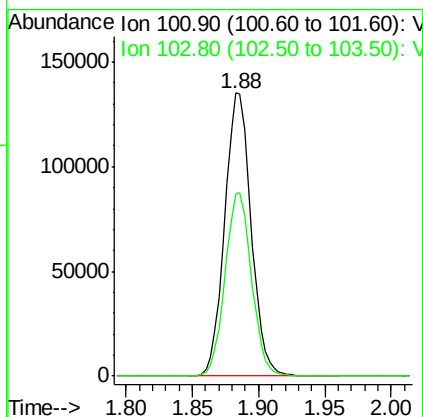
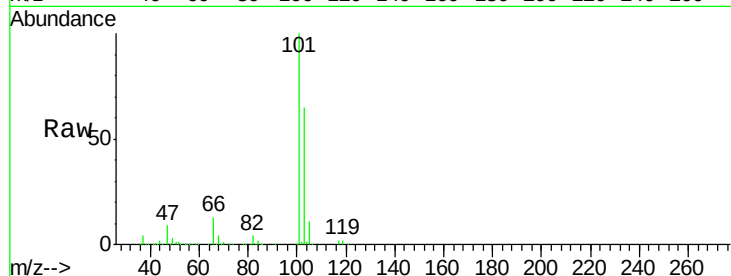


#7

Trichlorofluoromethane
Concen: 50.303 ug/l
RT: 1.88 min Scan# 402
Delta R.T. -0.00 min
Lab File: VU025008.D
Acq: 28 Jun 2018 10:01

Instrument :
MSVOA_U
ClientSampleId :
BFB62

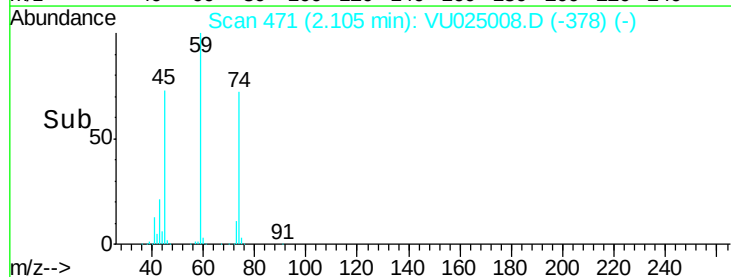
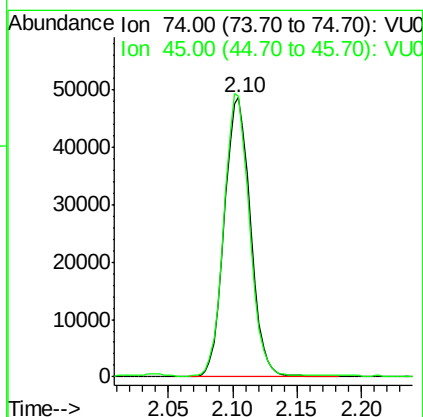
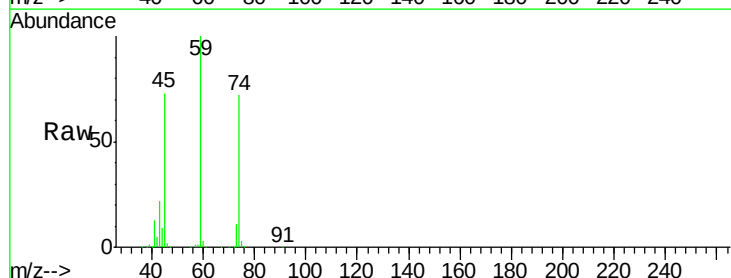
Tgt Ion:101 Resp: 187314
Ion Ratio Lower Upper
101 100
103 64.5 52.3 78.5

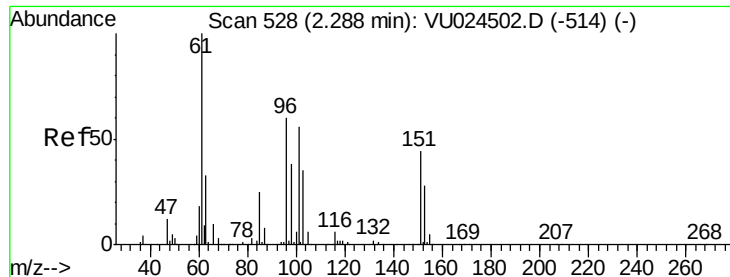


#8

Diethyl Ether
Concen: 54.187 ug/l
RT: 2.10 min Scan# 471
Delta R.T. 0.00 min
Lab File: VU025008.D
Acq: 28 Jun 2018 10:01

Tgt Ion: 74 Resp: 68467
Ion Ratio Lower Upper
74 100
45 98.6 55.0 165.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.710 ug/l

RT: 2.29 min Scan# 528

Delta R.T. 0.00 min

Lab File: VU025008.D

Acq: 28 Jun 2018 10:01

Instrument :

MSVOA_U

ClientSampleId :

BFB62

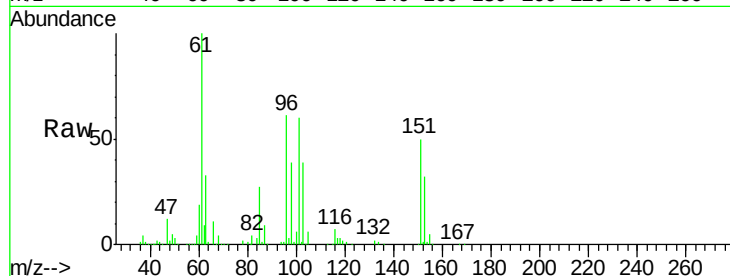
Tgt Ion:101 Resp: 114838

Ion Ratio Lower Upper

101 100

85 44.8 36.0 54.0

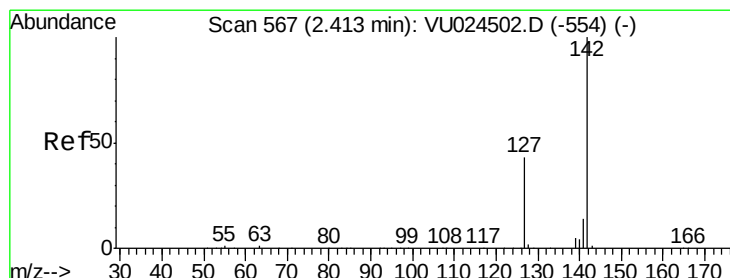
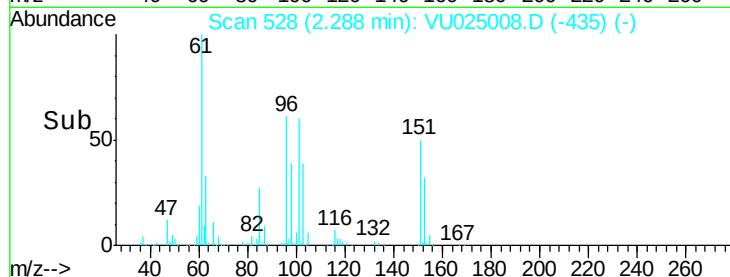
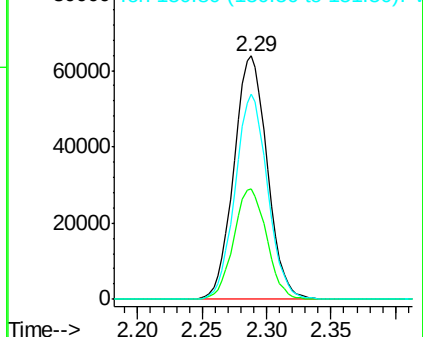
151 82.0 62.3 93.5



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VU0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 60.761 ug/l

RT: 2.41 min Scan# 567

Delta R.T. 0.00 min

Lab File: VU025008.D

Acq: 28 Jun 2018 10:01

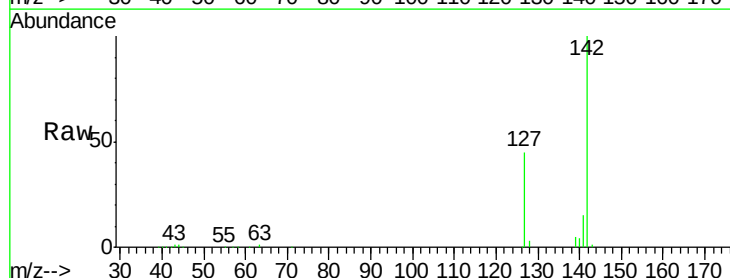
Tgt Ion:142 Resp: 121281

Ion Ratio Lower Upper

142 100

127 45.4 35.6 53.4

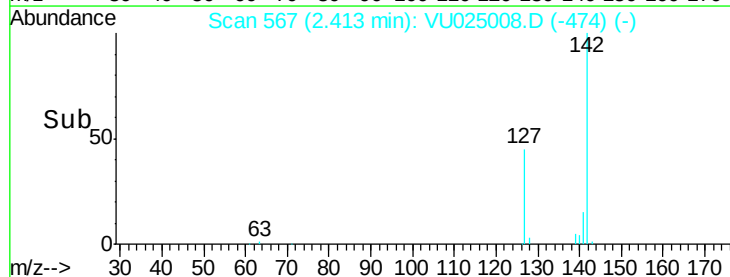
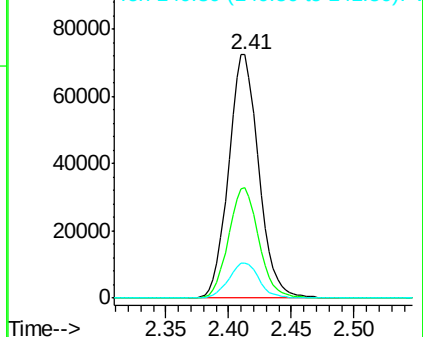
141 14.5 11.7 17.5

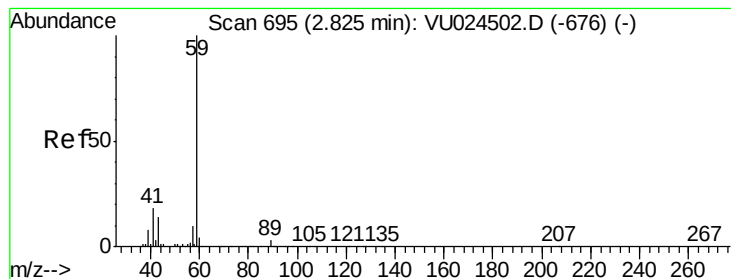


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



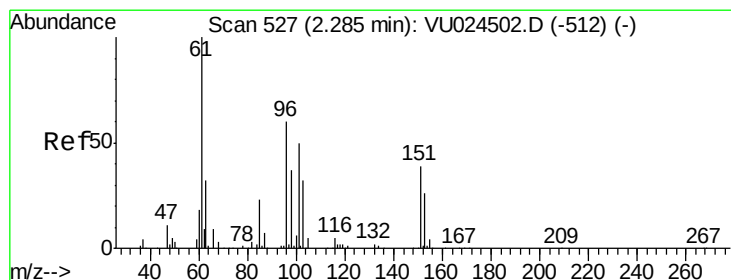
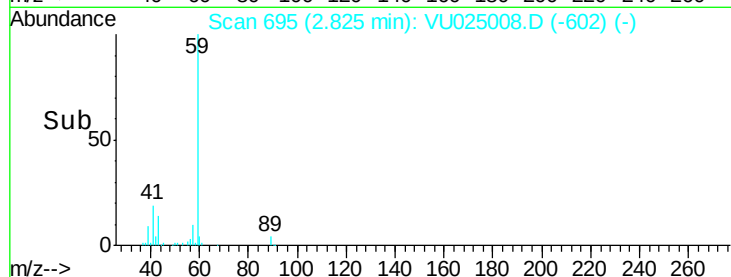
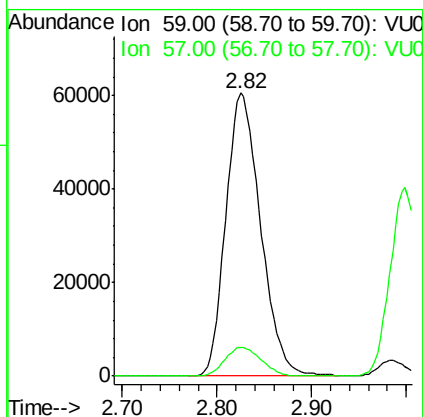
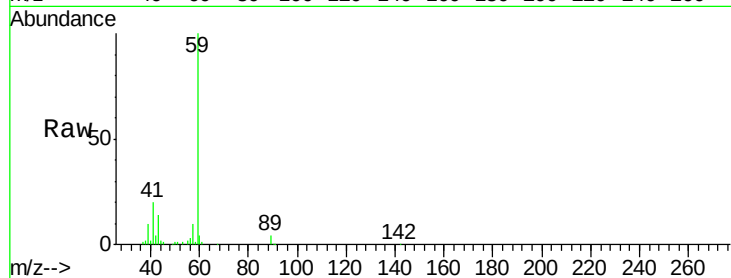


#11

Tert butyl alcohol
 Concen: 210.248 ug/l
 RT: 2.82 min Scan# 695
 Delta R.T. 0.00 min
 Lab File: VU025008.D
 Acq: 28 Jun 2018 10:01

Instrument :
 MSVOA_U
 ClientSampleId :
 BFB62

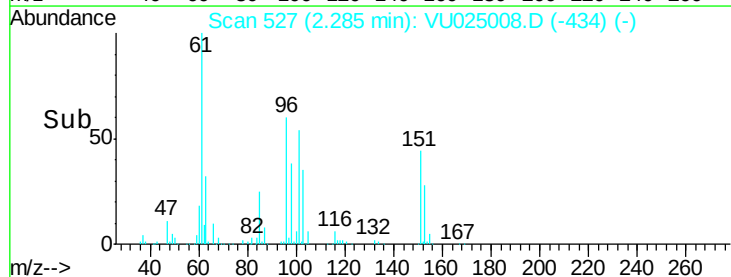
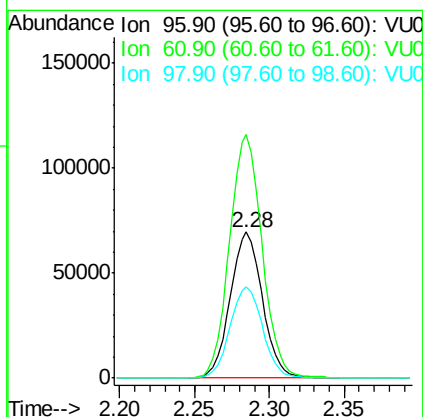
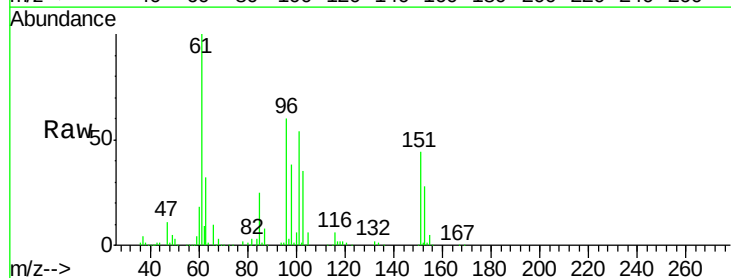
Tgt Ion: 59 Resp: 154450
 Ion Ratio Lower Upper
 59 100
 57 10.7 8.5 12.7

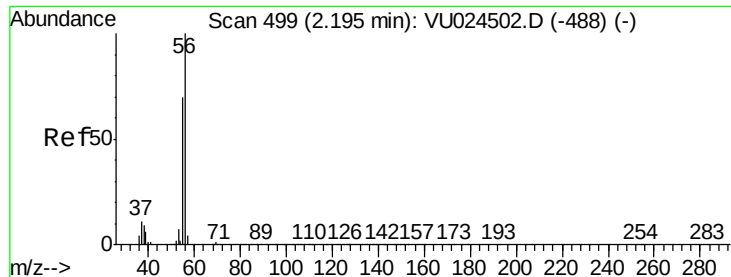


#12

1,1-Dichloroethene
 Concen: 49.621 ug/l
 RT: 2.28 min Scan# 527
 Delta R.T. 0.00 min
 Lab File: VU025008.D
 Acq: 28 Jun 2018 10:01

Tgt Ion: 96 Resp: 104539
 Ion Ratio Lower Upper
 96 100
 61 166.6 141.7 212.5
 98 62.8 51.6 77.4

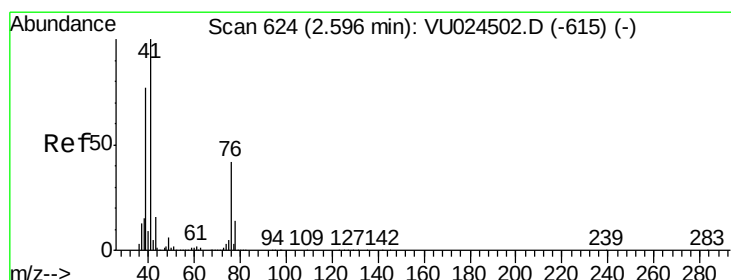
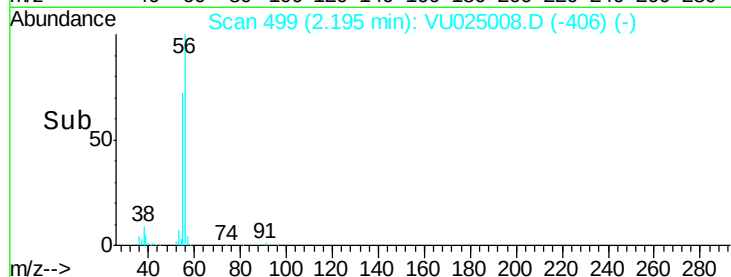
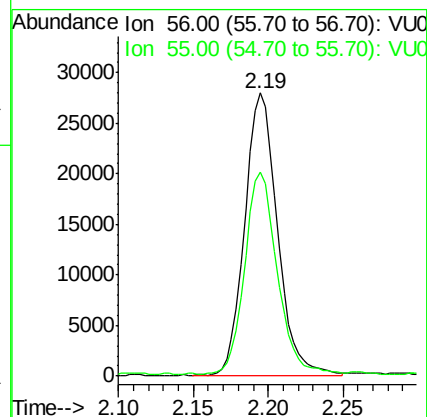
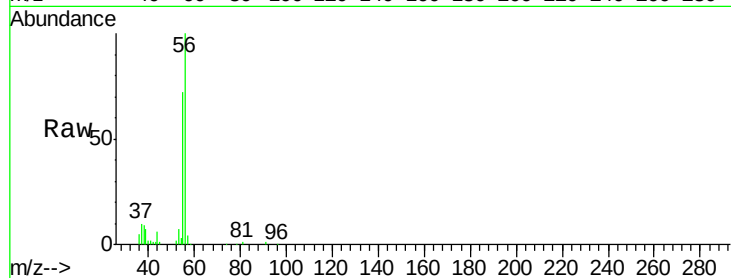




#13
 Acrolein
 Concen: 111.651 ug/l
 RT: 2.19 min Scan# 499
 Delta R.T. 0.00 min
 Lab File: VU025008.D
 Acq: 28 Jun 2018 10:01

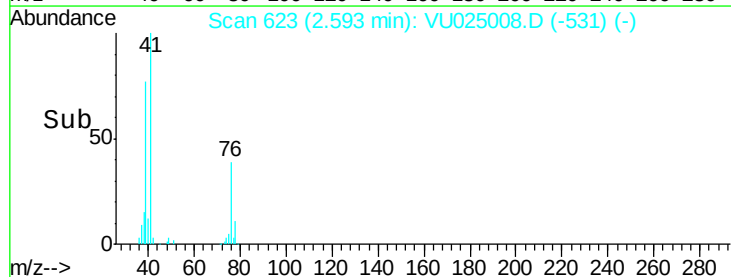
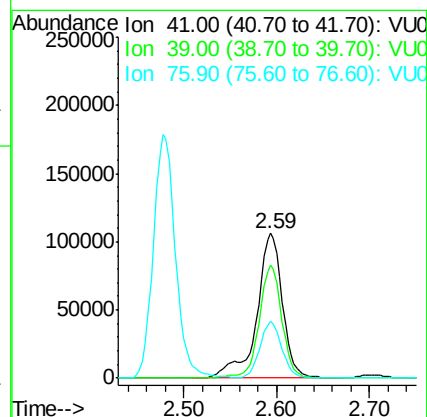
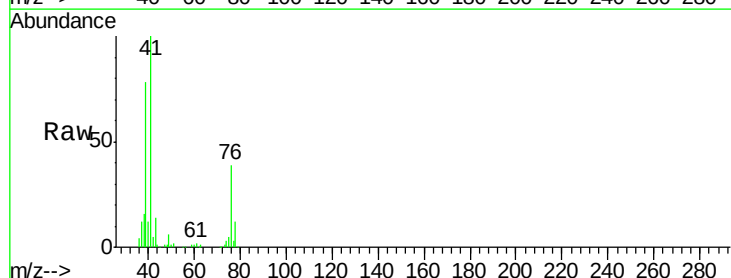
Instrument :
 MSVOA_U
 ClientSampleId :
 BFB62

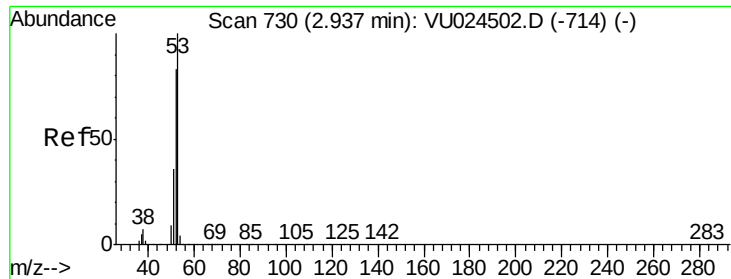
Tgt Ion: 56 Resp: 43071
 Ion Ratio Lower Upper
 56 100
 55 69.7 58.4 87.6



#14
 Allyl chloride
 Concen: 51.955 ug/l
 RT: 2.59 min Scan# 623
 Delta R.T. -0.00 min
 Lab File: VU025008.D
 Acq: 28 Jun 2018 10:01

Tgt Ion: 41 Resp: 203228
 Ion Ratio Lower Upper
 41 100
 39 68.7 61.6 92.4
 76 33.7 29.7 44.5





#15

Acrylonitrile

Concen: 230.411 ug/l

RT: 2.93 min Scan# 729

Delta R.T. -0.00 min

Lab File: VU025008.D

Acq: 28 Jun 2018 10:01

Instrument :

MSVOA_U

ClientSampleId :

BFB62

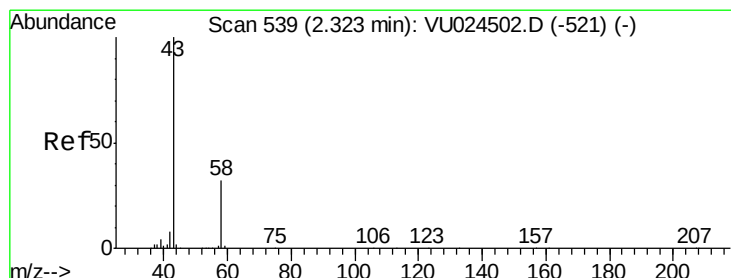
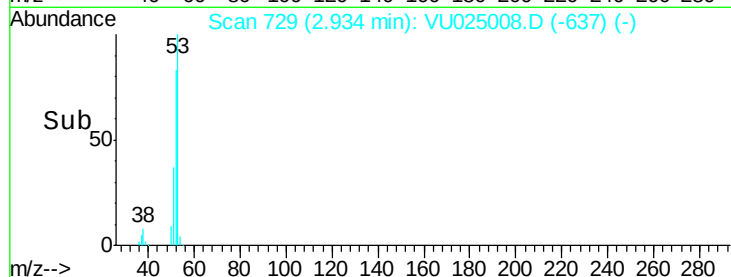
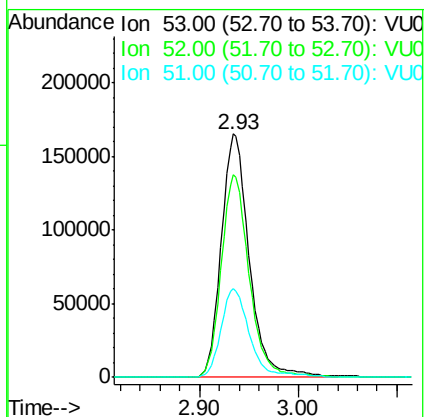
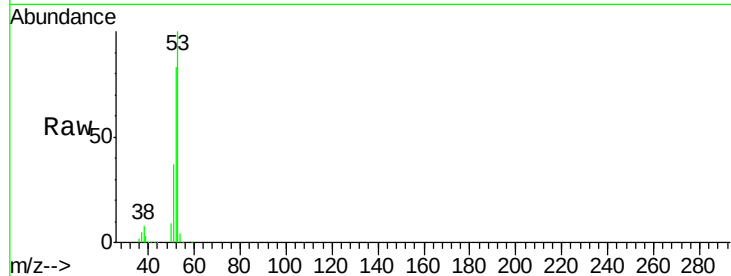
Tgt Ion: 53 Resp: 329320

Ion Ratio Lower Upper

53 100

52 83.1 67.1 100.7

51 37.5 28.4 42.6



#16

Acetone

Concen: 318.119 ug/l

RT: 2.32 min Scan# 538

Delta R.T. -0.00 min

Lab File: VU025008.D

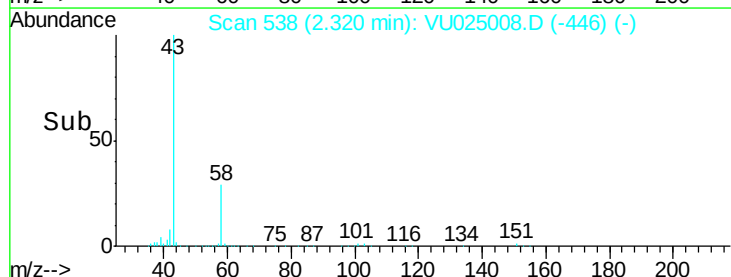
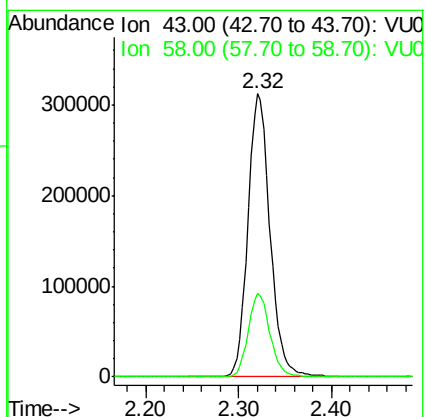
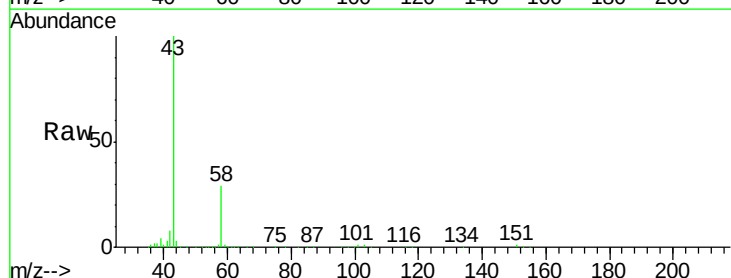
Acq: 28 Jun 2018 10:01

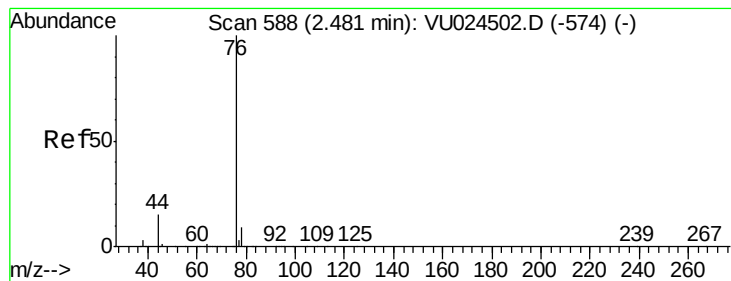
Tgt Ion: 43 Resp: 516278

Ion Ratio Lower Upper

43 100

58 29.4 24.4 36.6





#17

Carbon Disulfide

Concen: 43.769 ug/l

RT: 2.48 min Scan# 587

Delta R.T. -0.00 min

Lab File: VU025008.D

Acq: 28 Jun 2018 10:01

Instrument :

MSVOA_U

ClientSampleId :

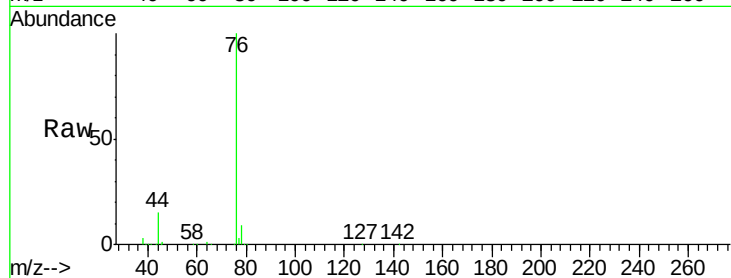
BFB62

Tgt Ion: 76 Resp: 295257

Ion Ratio Lower Upper

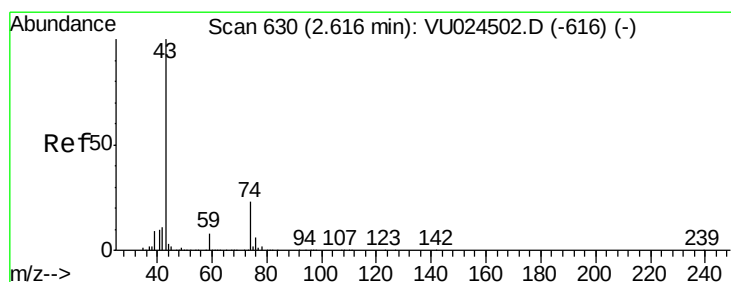
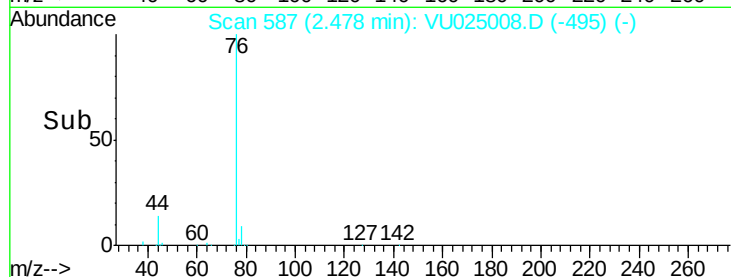
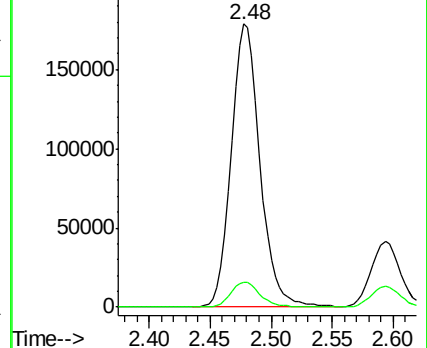
76 100

78 9.0 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VU0

Ion 77.90 (77.60 to 78.60): VU0



#18

Methyl Acetate

Concen: 53.579 ug/l

RT: 2.61 min Scan# 629

Delta R.T. -0.00 min

Lab File: VU025008.D

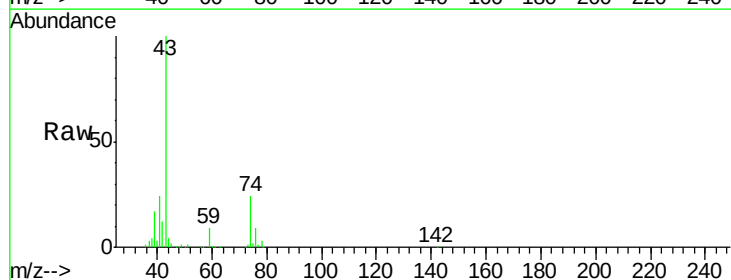
Acq: 28 Jun 2018 10:01

Tgt Ion: 43 Resp: 186411

Ion Ratio Lower Upper

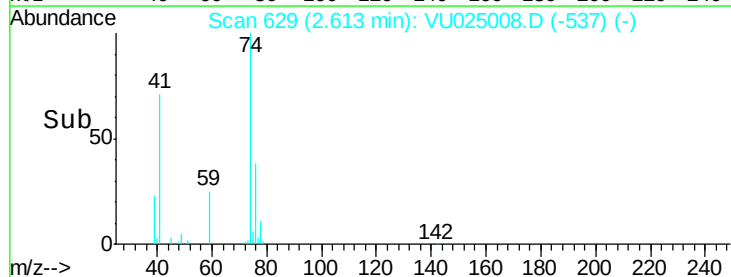
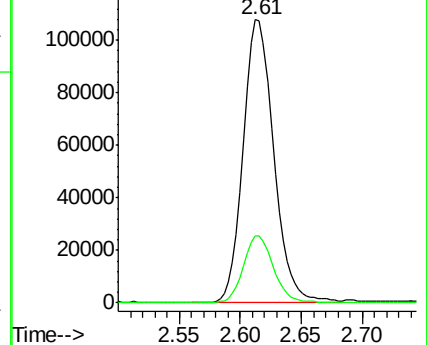
43 100

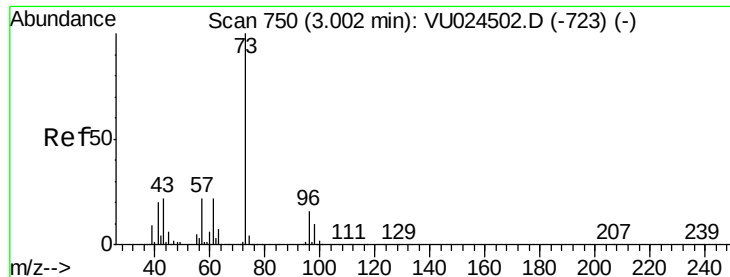
74 23.4 18.0 27.0



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 74.00 (73.70 to 74.70): VU0

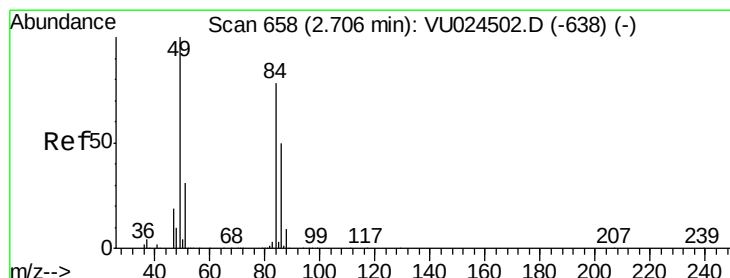
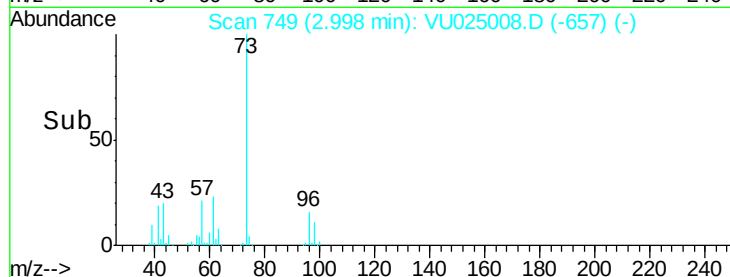
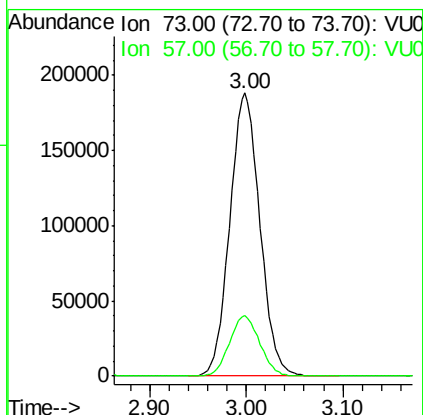
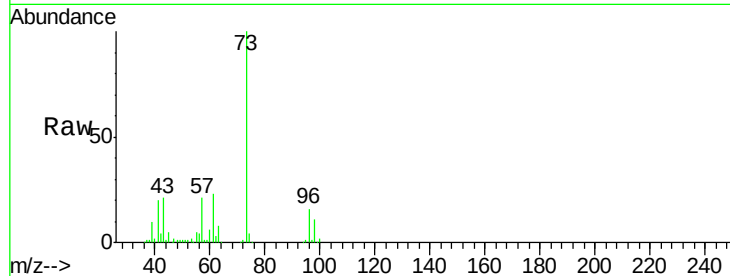




#19
Methyl tert-butyl Ether
Concen: 51.249 ug/l
RT: 3.00 min Scan# 749
Delta R.T. -0.00 min
Lab File: VU025008.D
Acq: 28 Jun 2018 10:01

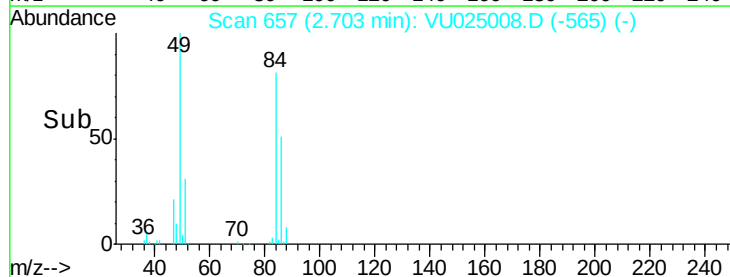
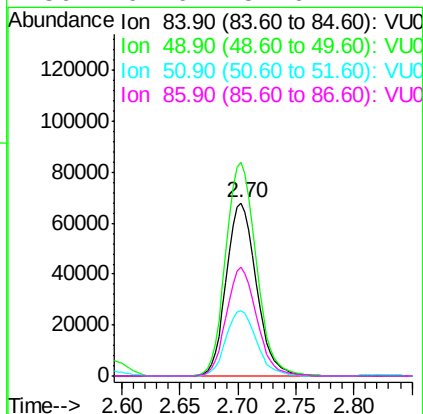
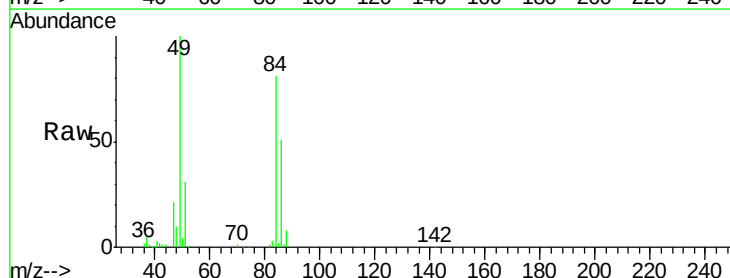
Instrument :
MSVOA_U
ClientSampleId :
BFB62

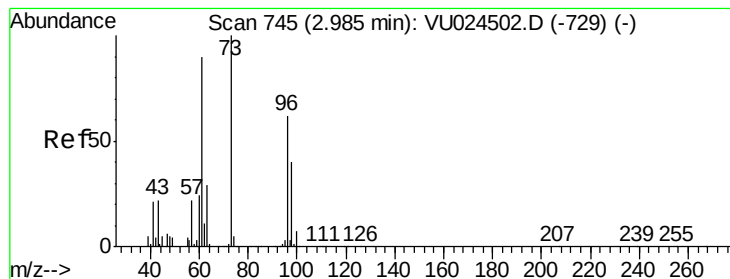
Tgt Ion: 73 Resp: 405845
Ion Ratio Lower Upper
73 100
57 21.4 18.8 28.2



#20
Methylene Chloride
Concen: 47.931 ug/l
RT: 2.70 min Scan# 657
Delta R.T. -0.00 min
Lab File: VU025008.D
Acq: 28 Jun 2018 10:01

Tgt Ion: 84 Resp: 122053
Ion Ratio Lower Upper
84 100
49 123.4 103.8 155.8
51 38.0 32.0 48.0
86 62.6 51.6 77.4





#21

trans-1,2-Dichloroethene

Concen: 49.836 ug/l

RT: 2.99 min Scan# 745

Delta R.T. 0.00 min

Lab File: VU025008.D

Acq: 28 Jun 2018 10:01

Instrument :

MSVOA_U

ClientSampleId :

BFB62

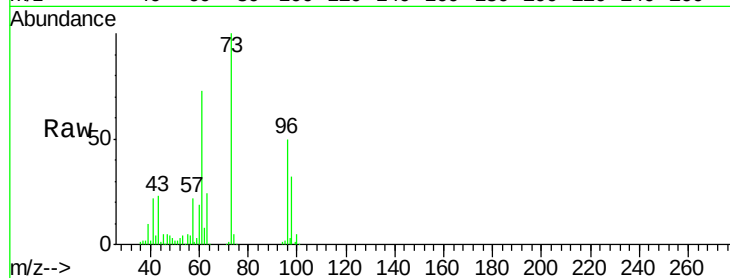
Tgt Ion: 96 Resp: 115636

Ion Ratio Lower Upper

96 100

61 144.8 119.4 179.0

98 64.5 51.1 76.7

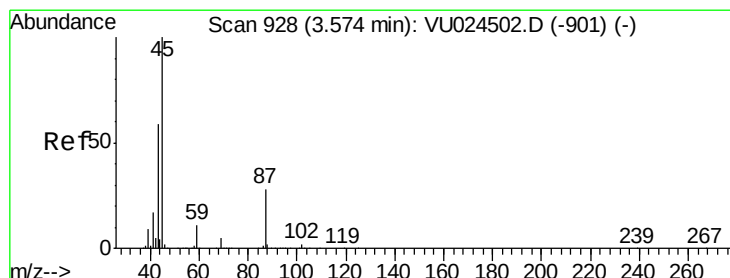
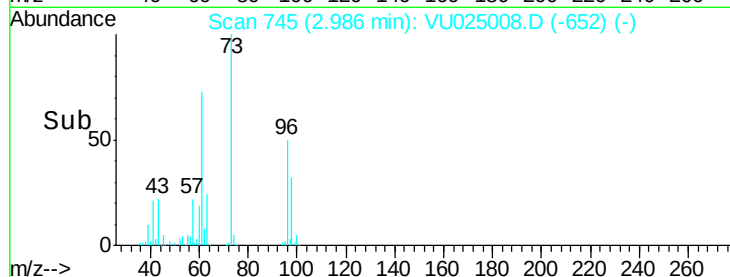
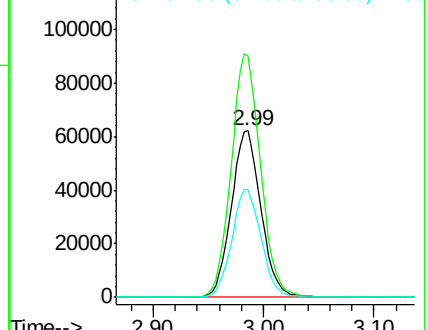


Abundance

Ion 95.90 (95.60 to 96.60): VU0

Ion 60.90 (60.60 to 61.60): VU0

Ion 97.90 (97.60 to 98.60): VU0



#22

Diisopropyl ether

Concen: 50.793 ug/l

RT: 3.57 min Scan# 927

Delta R.T. -0.00 min

Lab File: VU025008.D

Acq: 28 Jun 2018 10:01

Tgt Ion: 45 Resp: 393861

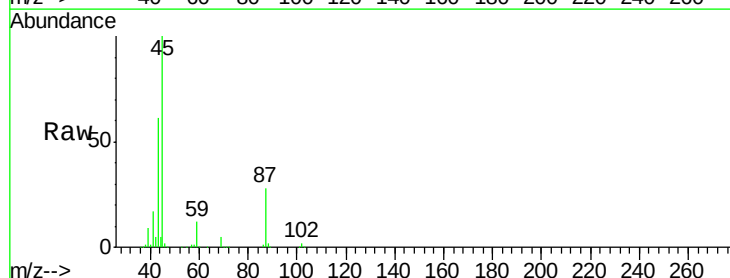
Ion Ratio Lower Upper

45 100

43 60.2 45.8 68.6

87 28.4 20.6 31.0

59 11.6 9.4 14.0



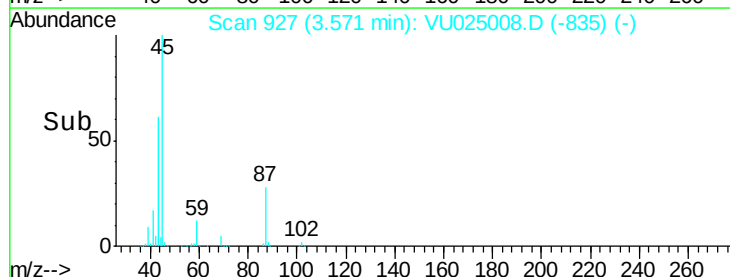
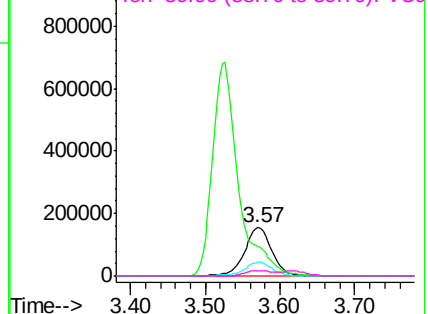
Abundance

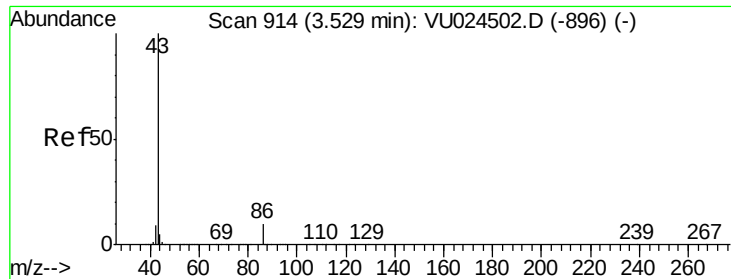
Ion 45.00 (44.70 to 45.70): VU0

Ion 43.00 (42.70 to 43.70): VU0

Ion 87.00 (86.70 to 87.70): VU0

Ion 59.00 (58.70 to 59.70): VU0

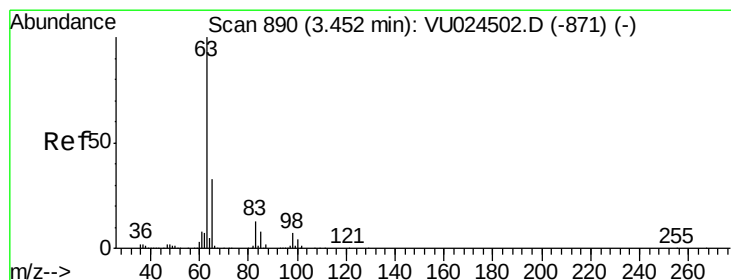
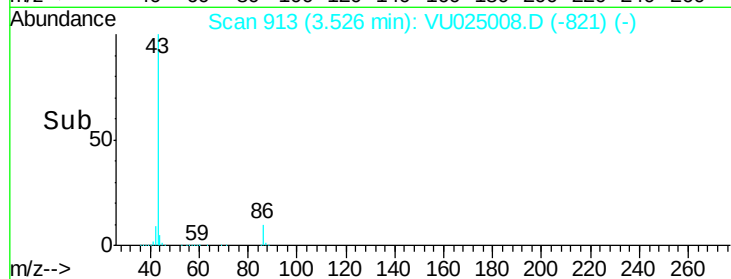
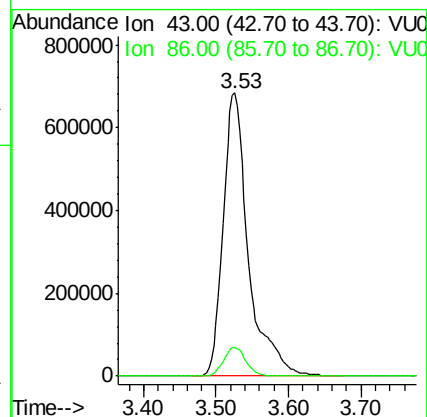
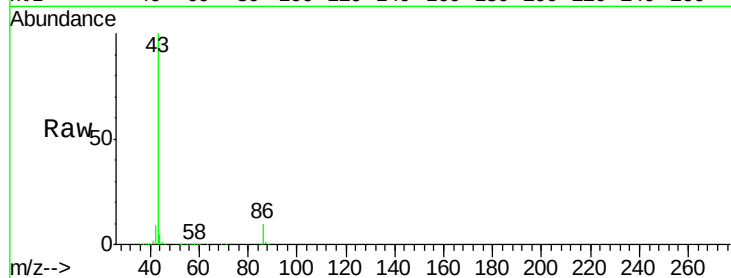




#23
 Vinyl Acetate
 Concen: 238.290 ug/l
 RT: 3.53 min Scan# 913
 Delta R.T. -0.00 min
 Lab File: VU025008.D
 Acq: 28 Jun 2018 10:01

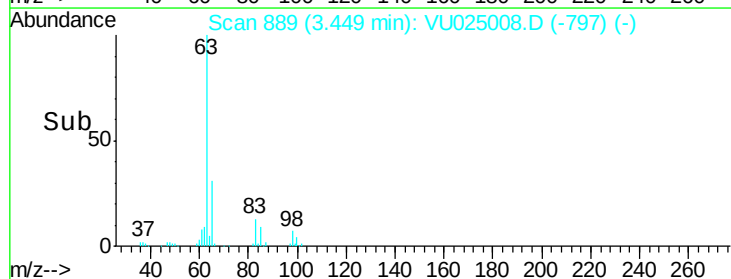
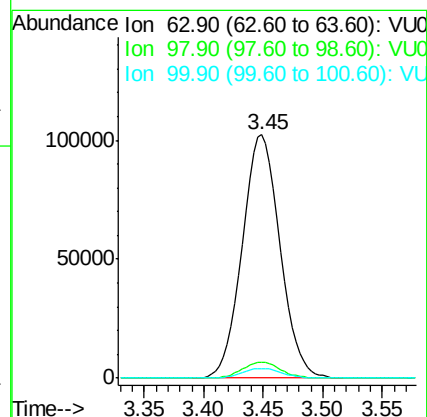
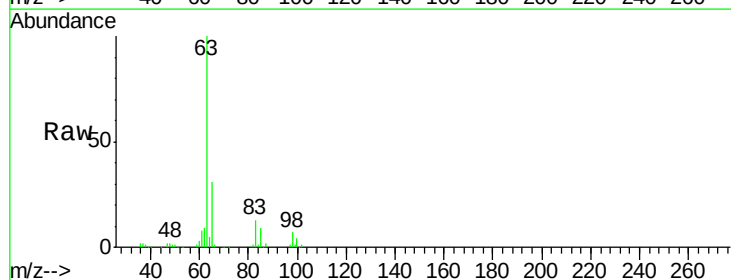
Instrument :
 MSVOA_U
 ClientSampleId :
 BFB62

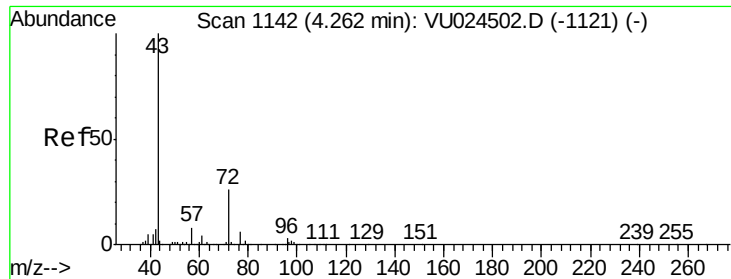
Tgt Ion: 43 Resp: 1655200
 Ion Ratio Lower Upper
 43 100
 86 10.1 7.8 11.8



#24
 1,1-Dichloroethane
 Concen: 50.477 ug/l
 RT: 3.45 min Scan# 889
 Delta R.T. -0.00 min
 Lab File: VU025008.D
 Acq: 28 Jun 2018 10:01

Tgt Ion: 63 Resp: 225164
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.5 10.4
 100 4.1 1.8 5.5

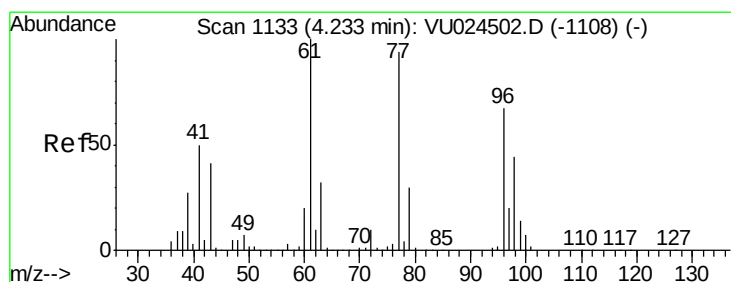
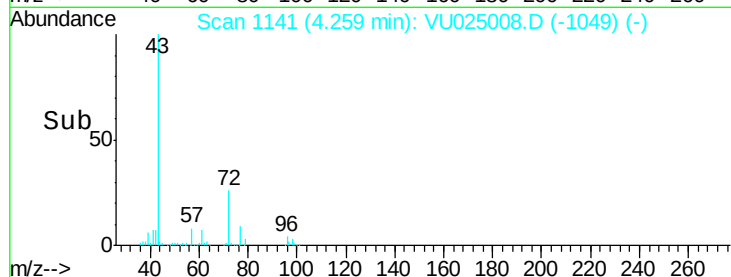
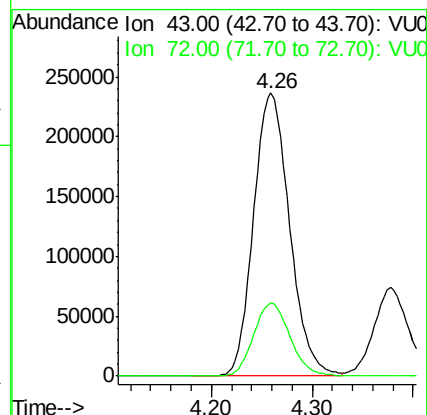
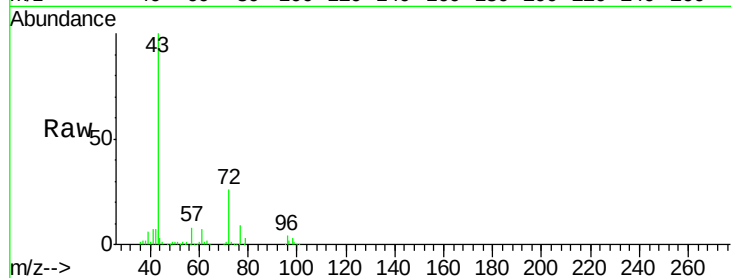




#25
2-Butanone
Concen: 267.703 ug/l
RT: 4.26 min Scan# 1141
Delta R.T. -0.00 min
Lab File: VU025008.D
Acq: 28 Jun 2018 10:01

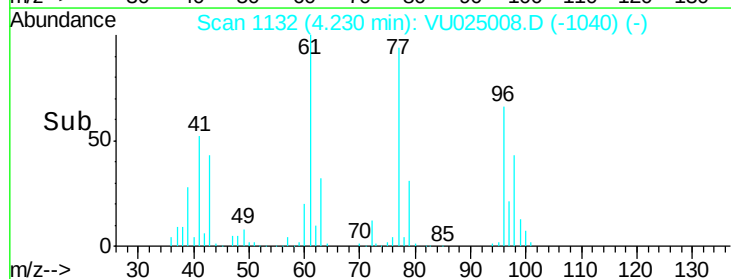
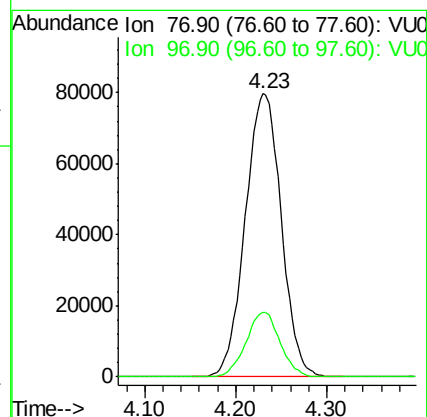
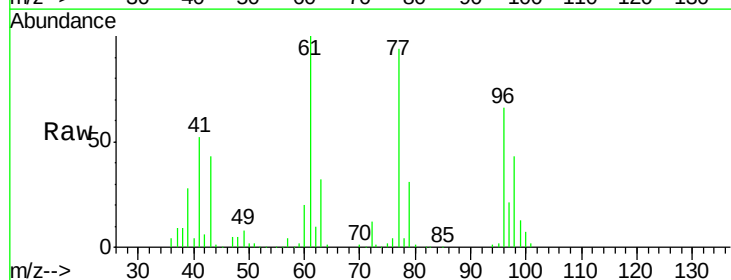
Instrument :
MSVOA_U
ClientSampleId :
BFB62

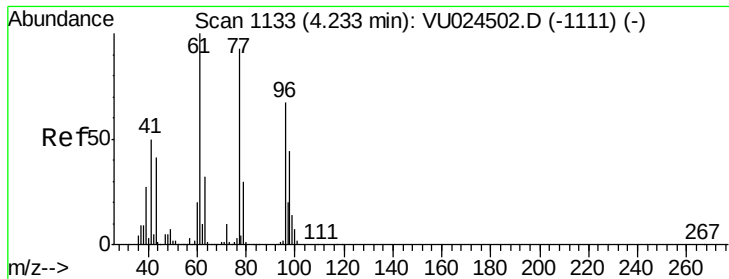
Tgt Ion: 43 Resp: 583574
Ion Ratio Lower Upper
43 100
72 25.9 19.6 29.4



#26
2,2-Dichloropropane
Concen: 51.712 ug/l
RT: 4.23 min Scan# 1132
Delta R.T. -0.00 min
Lab File: VU025008.D
Acq: 28 Jun 2018 10:01

Tgt Ion: 77 Resp: 219038
Ion Ratio Lower Upper
77 100
97 21.6 11.3 33.8

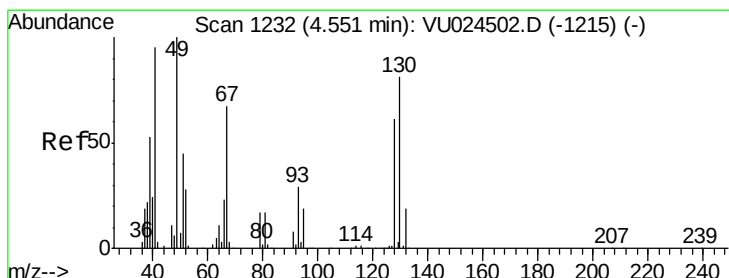
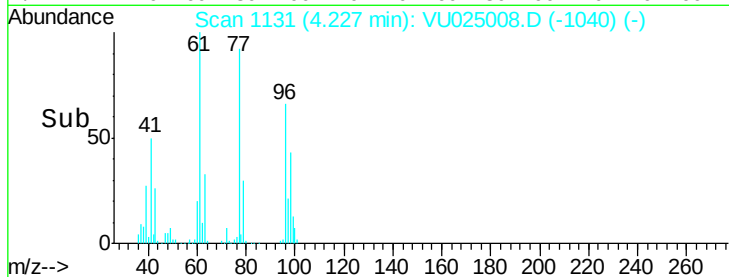
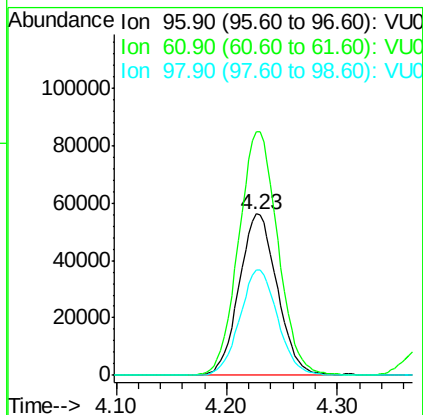
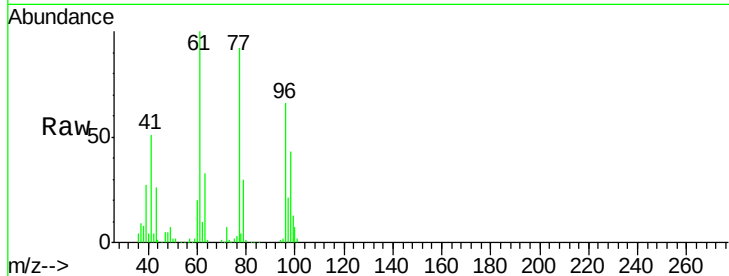




#27
 cis-1,2-Dichloroethene
 Concen: 50.447 ug/l
 RT: 4.23 min Scan# 1131
 Delta R.T. -0.01 min
 Lab File: VU025008.D
 Acq: 28 Jun 2018 10:01

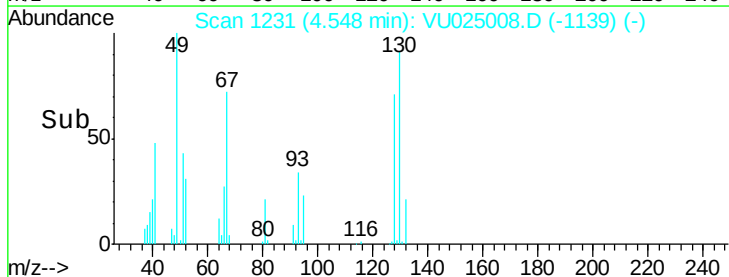
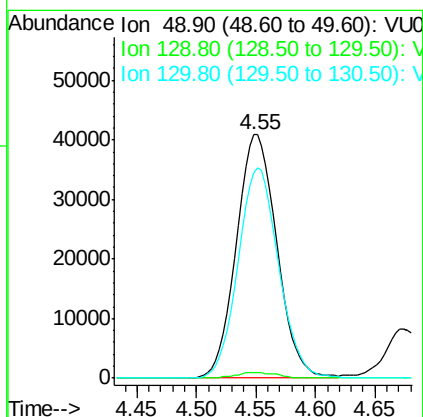
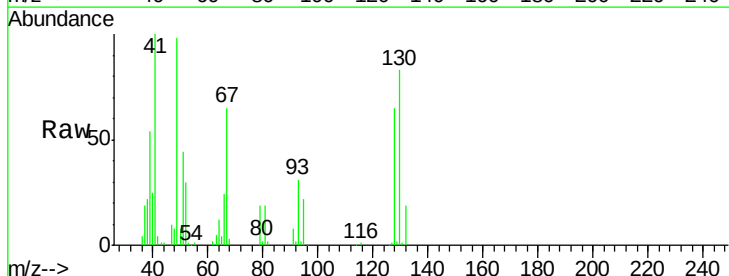
Instrument :
 MSVOA_U
 ClientSampleId :
 BFB62

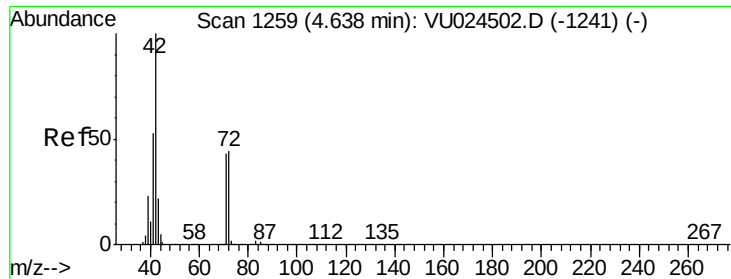
Tgt Ion: 96 Resp: 134572
 Ion Ratio Lower Upper
 96 100
 61 155.8 0.0 306.6
 98 65.2 0.0 128.8



#28
 Bromochloromethane
 Concen: 49.059 ug/l
 RT: 4.55 min Scan# 1231
 Delta R.T. -0.00 min
 Lab File: VU025008.D
 Acq: 28 Jun 2018 10:01

Tgt Ion: 49 Resp: 96392
 Ion Ratio Lower Upper
 49 100
 129 2.3 0.0 3.8
 130 86.6 57.8 86.6

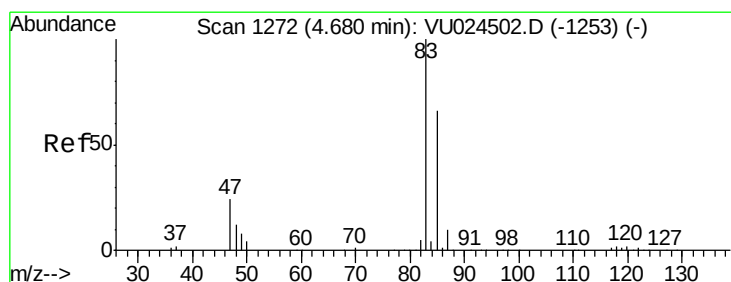
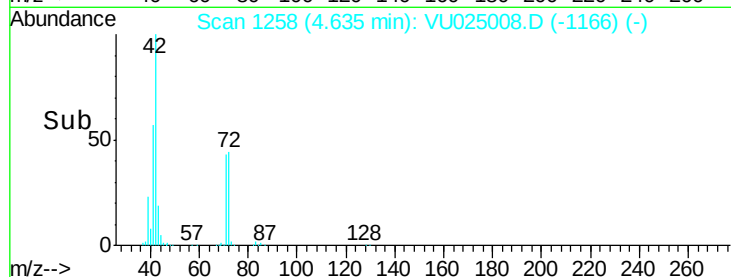
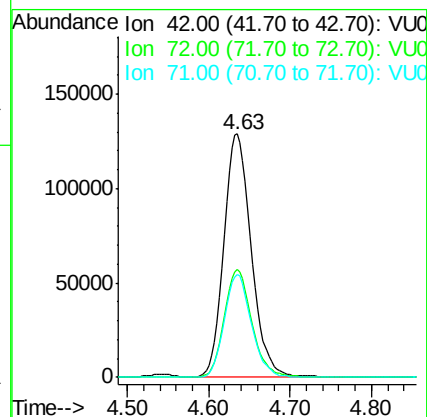
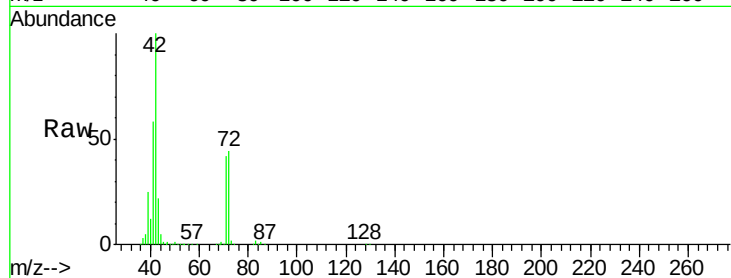




#29
Tetrahydrofuran
Concen: 226.417 ug/l
RT: 4.63 min Scan# 1258
Delta R.T. -0.00 min
Lab File: VU025008.D
Acq: 28 Jun 2018 10:01

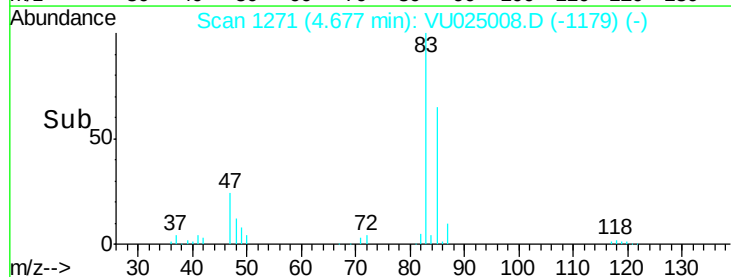
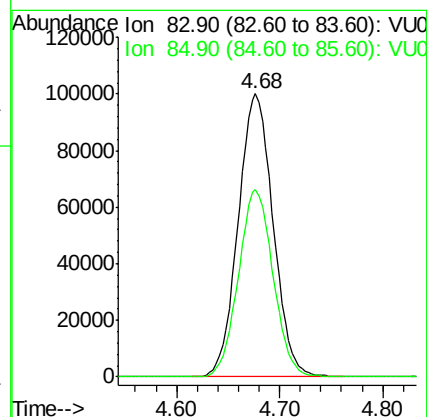
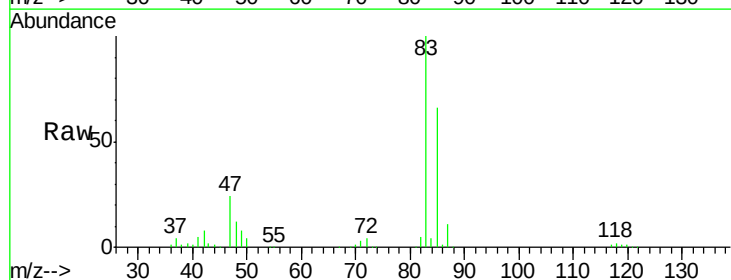
Instrument :
MSVOA_U
ClientSampleId :
BFB62

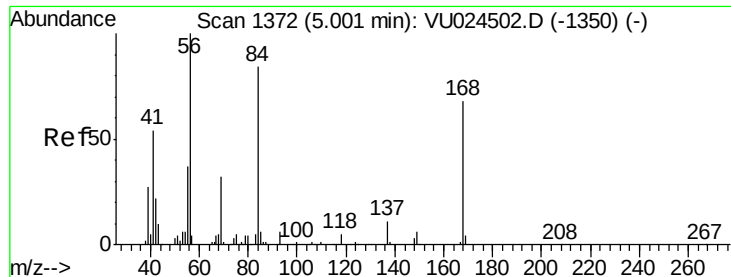
Tgt Ion: 42 Resp: 305654
Ion Ratio Lower Upper
42 100
72 44.9 34.5 51.7
71 41.9 32.2 48.4



#30
Chloroform
Concen: 52.196 ug/l
RT: 4.68 min Scan# 1271
Delta R.T. -0.00 min
Lab File: VU025008.D
Acq: 28 Jun 2018 10:01

Tgt Ion: 83 Resp: 235669
Ion Ratio Lower Upper
83 100
85 66.1 52.4 78.6

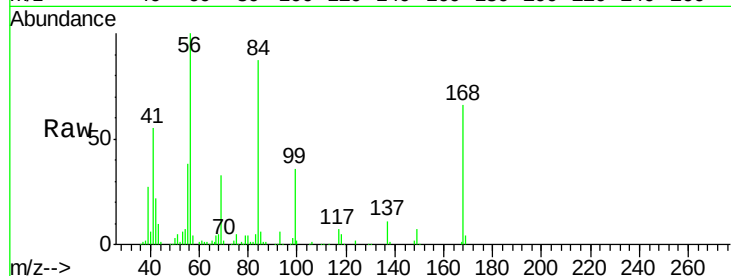




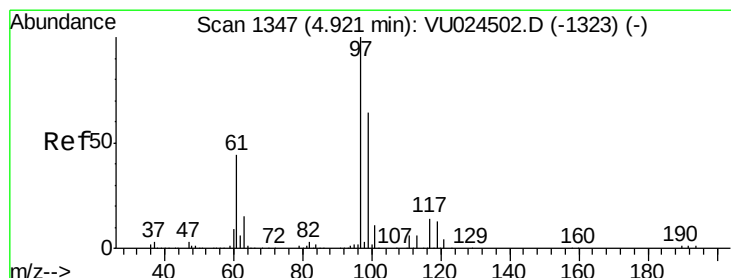
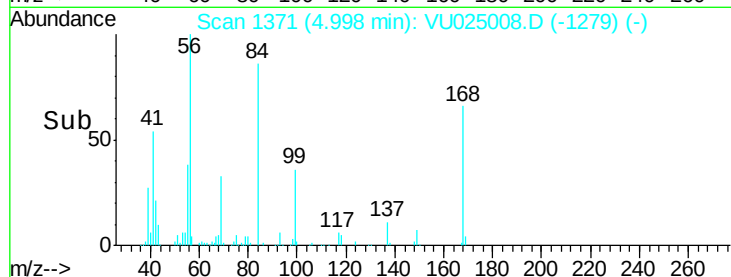
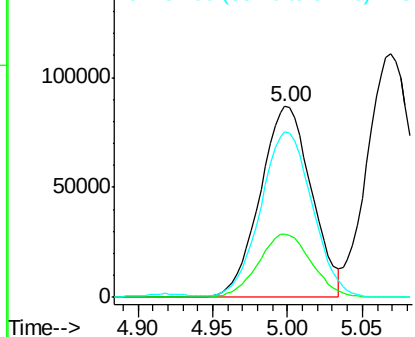
#31
Cyclohexane
Concen: 52.327 ug/l
RT: 5.00 min Scan# 1371
Delta R.T. -0.00 min
Lab File: VU025008.D
Acq: 28 Jun 2018 10:01

Instrument :
MSVOA_U
ClientSampled :
BFB62

Tgt Ion: 56 Resp: 206921
Ion Ratio Lower Upper
56 100
69 33.2 24.8 37.2
84 85.7 65.2 97.8

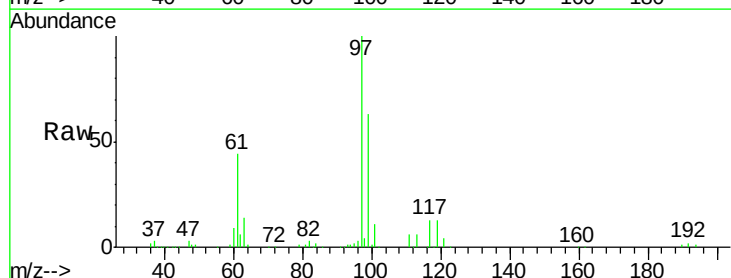


Abundance Ion 56.00 (55.70 to 56.70): VU0
Ion 69.00 (68.70 to 69.70): VU0
Ion 84.00 (83.70 to 84.70): VU0

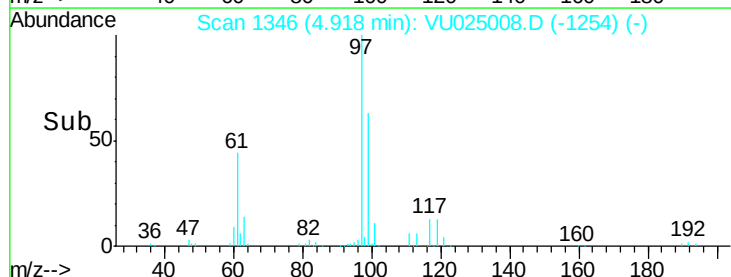
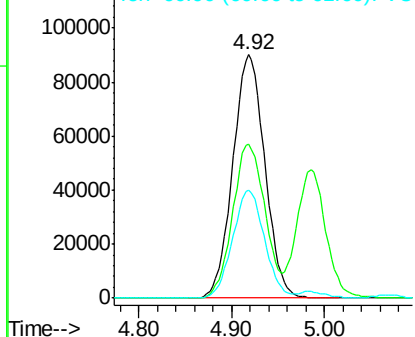


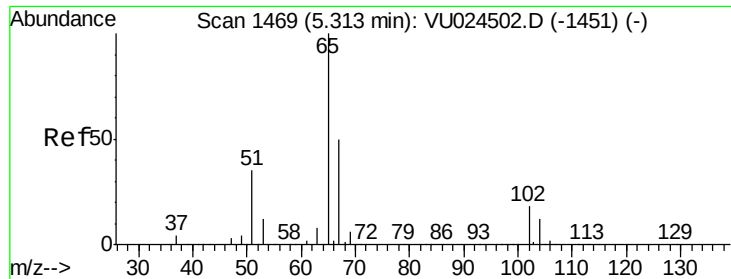
#32
1,1,1-Trichloroethane
Concen: 51.689 ug/l
RT: 4.92 min Scan# 1346
Delta R.T. -0.00 min
Lab File: VU025008.D
Acq: 28 Jun 2018 10:01

Tgt Ion: 97 Resp: 215811
Ion Ratio Lower Upper
97 100
99 63.9 51.0 76.6
61 44.2 39.4 59.0



Abundance Ion 96.90 (96.60 to 97.60): VU0
Ion 98.90 (98.60 to 99.60): VU0
Ion 60.90 (60.60 to 61.60): VU0

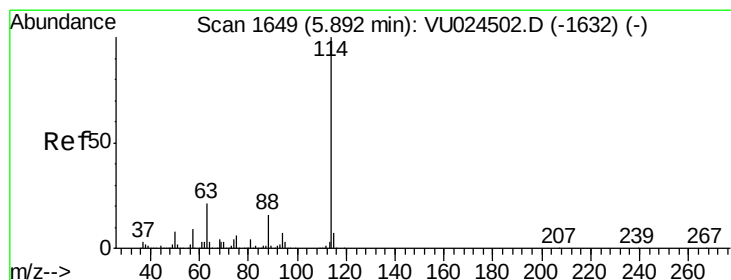
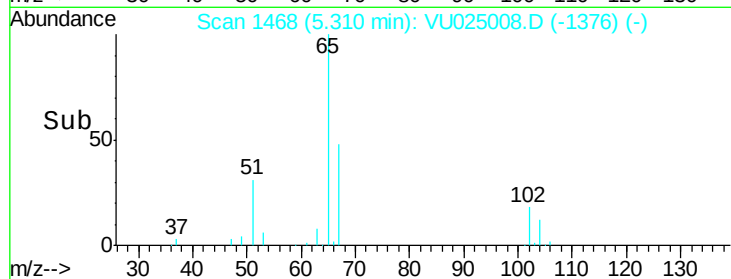
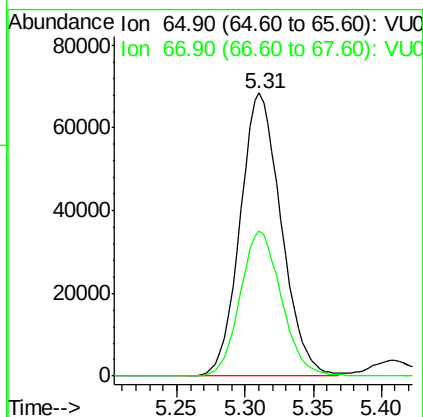
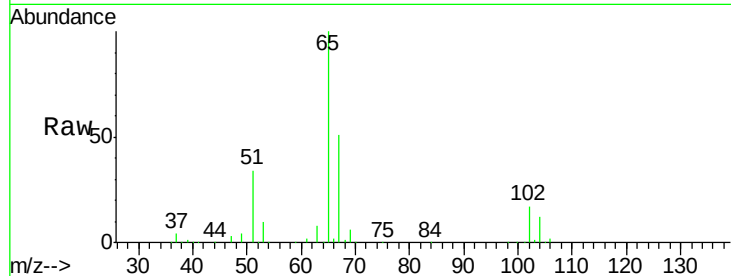




#33
 1,2-Dichloroethane-d4
 Concen: 47.408 ug/l
 RT: 5.31 min Scan# 1468
 Delta R.T. -0.00 min
 Lab File: VU025008.D
 Acq: 28 Jun 2018 10:01

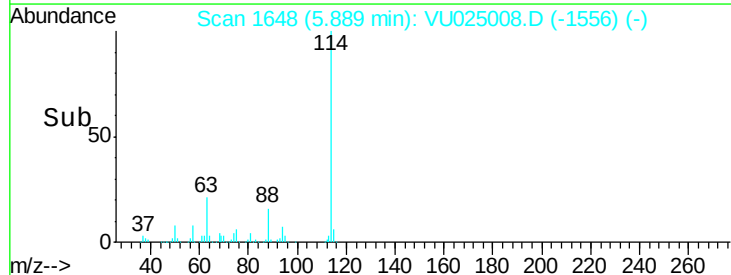
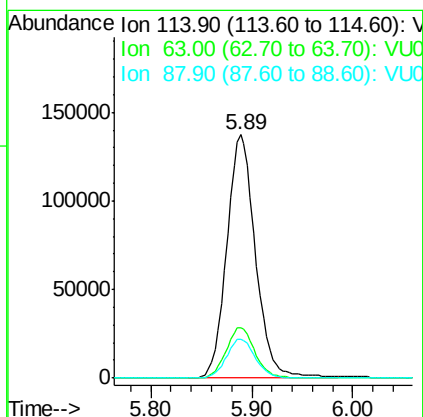
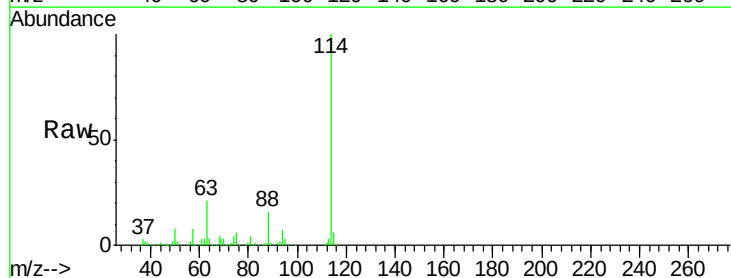
Instrument :
 MSVOA_U
 ClientSampleId :
 BFB62

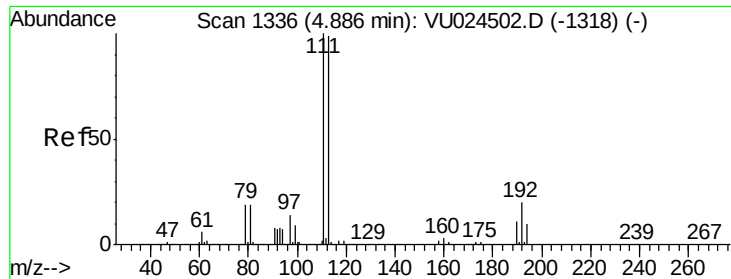
Tgt Ion: 65 Resp: 143196
 Ion Ratio Lower Upper
 65 100
 67 51.4 0.0 107.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1648
 Delta R.T. -0.00 min
 Lab File: VU025008.D
 Acq: 28 Jun 2018 10:01

Tgt Ion: 114 Resp: 272611
 Ion Ratio Lower Upper
 114 100
 63 20.9 0.0 45.4
 88 16.1 0.0 31.0

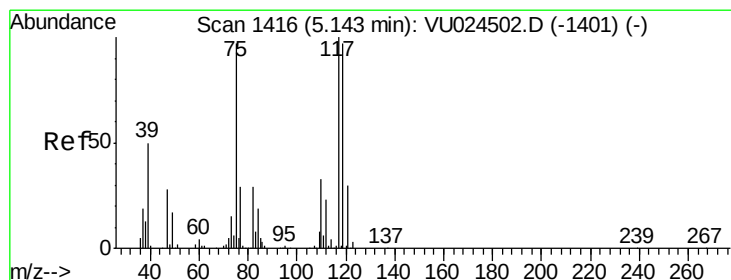
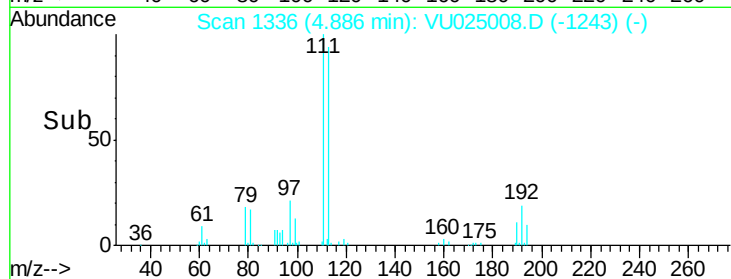
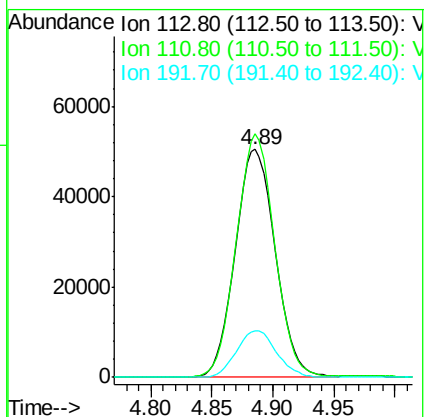
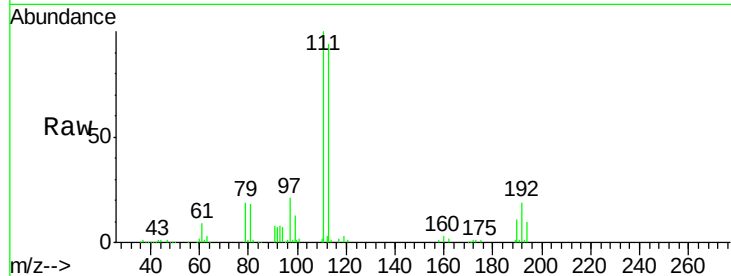




#35
 Dibromofluoromethane
 Concen: 50.922 ug/l
 RT: 4.89 min Scan# 1336
 Delta R.T. 0.00 min
 Lab File: VU025008.D
 Acq: 28 Jun 2018 10:01

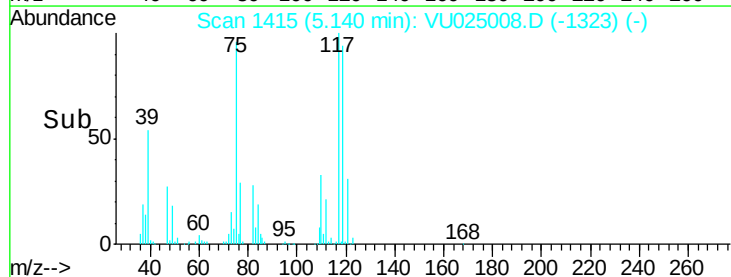
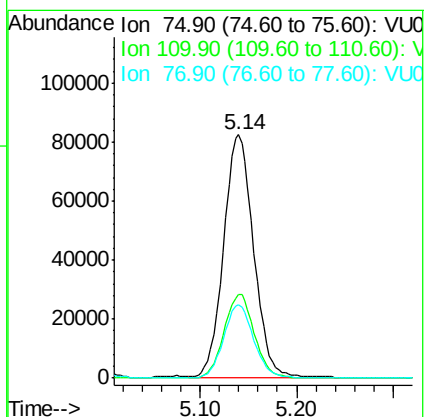
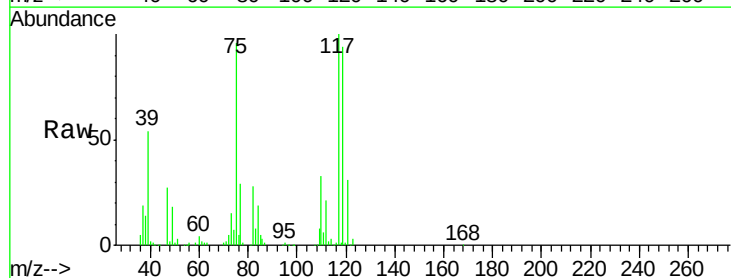
Instrument :
 MSVOA_U
 ClientSampleId :
 BFB62

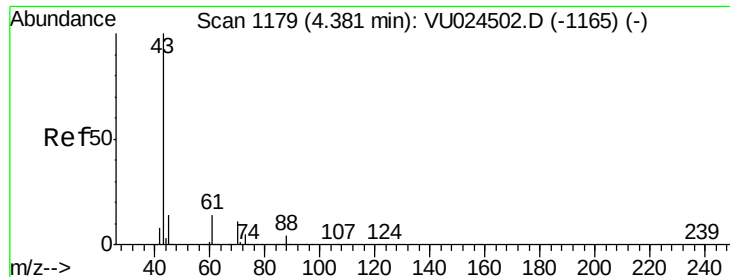
Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.2	82.2	123.4
192	20.5	16.2	24.4



#36
 1,1-Dichloropropene
 Concen: 55.109 ug/l
 RT: 5.14 min Scan# 1415
 Delta R.T. -0.00 min
 Lab File: VU025008.D
 Acq: 28 Jun 2018 10:01

Tgt Ion	Ratio	Lower	Upper
75	100		
110	35.1	17.0	50.9
77	29.7	24.2	36.4

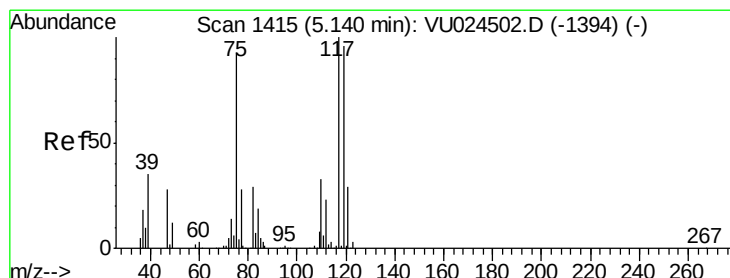
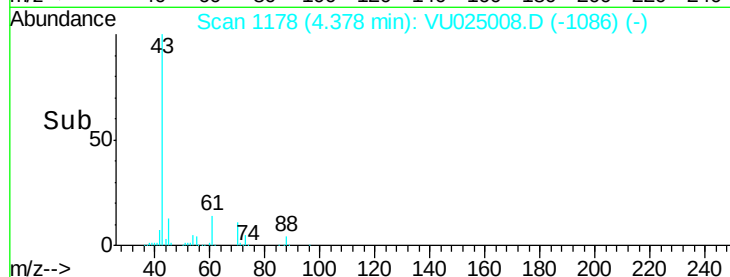
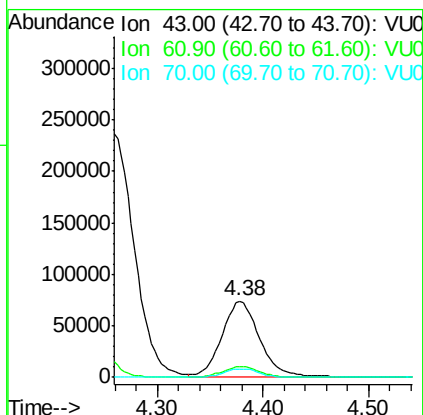
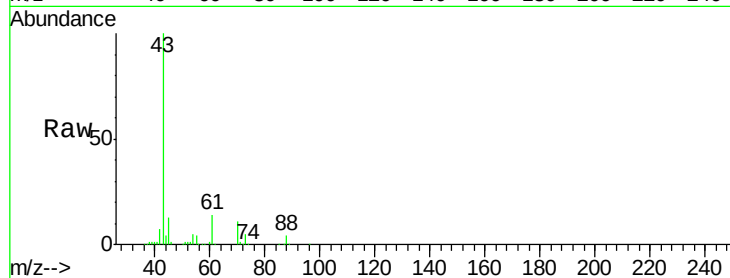




#37
Ethyl Acetate
Concen: 51.680 ug/l
RT: 4.38 min Scan# 1178
Delta R.T. -0.00 min
Lab File: VU025008.D
Acq: 28 Jun 2018 10:01

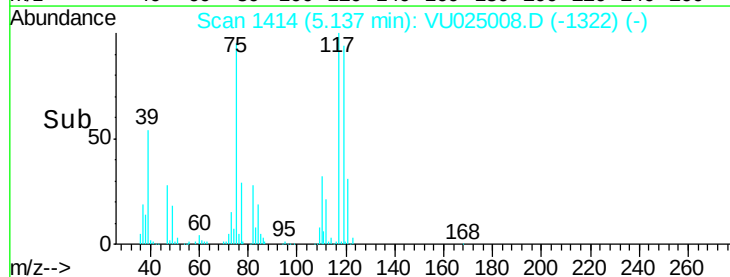
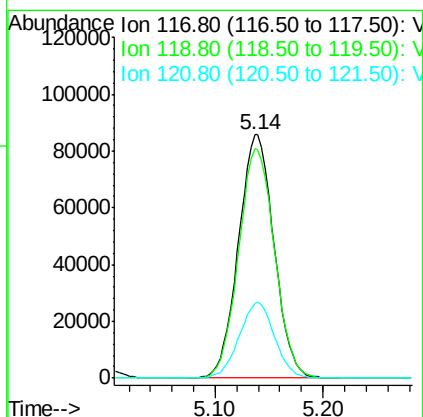
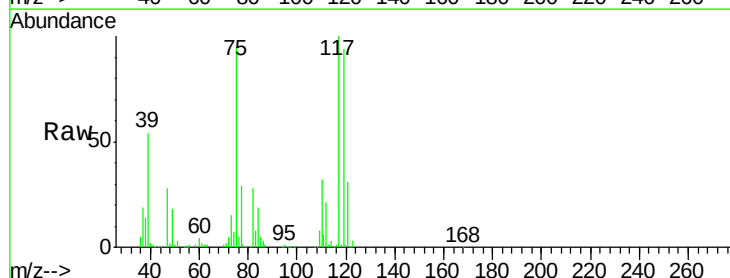
Instrument :
MSVOA_U
ClientSampleId :
BFB62

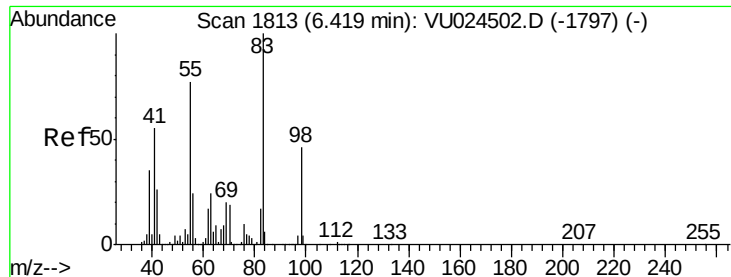
Tgt Ion: 43 Resp: 180438
Ion Ratio Lower Upper
43 100
61 13.8 10.5 15.7
70 10.8 7.4 11.2



#38
Carbon Tetrachloride
Concen: 55.684 ug/l
RT: 5.14 min Scan# 1414
Delta R.T. -0.00 min
Lab File: VU025008.D
Acq: 28 Jun 2018 10:01

Tgt Ion: 117 Resp: 196155
Ion Ratio Lower Upper
117 100
119 94.2 76.1 114.1
121 30.5 23.7 35.5

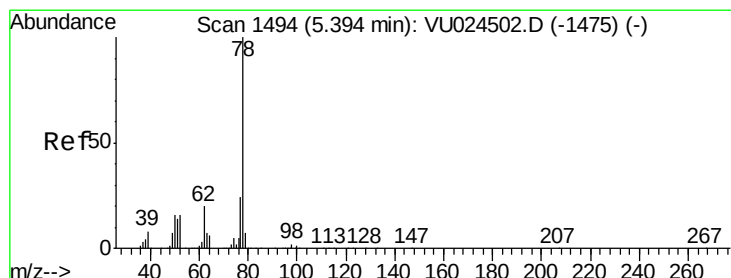
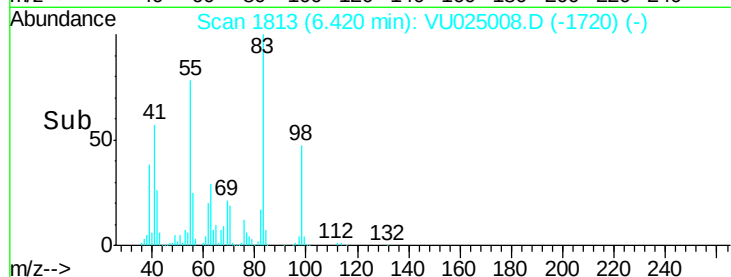
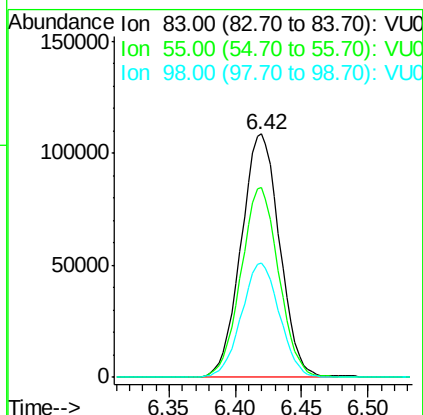
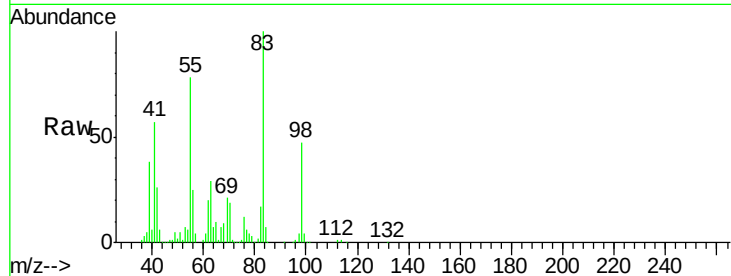




#39
Methylcyclohexane
Concen: 55.066 ug/l
RT: 6.42 min Scan# 1813
Delta R.T. 0.00 min
Lab File: VU025008.D
Acq: 28 Jun 2018 10:01

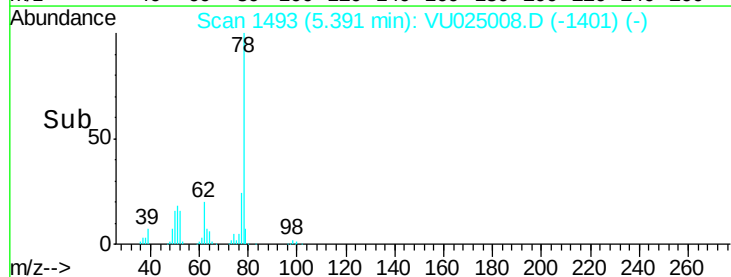
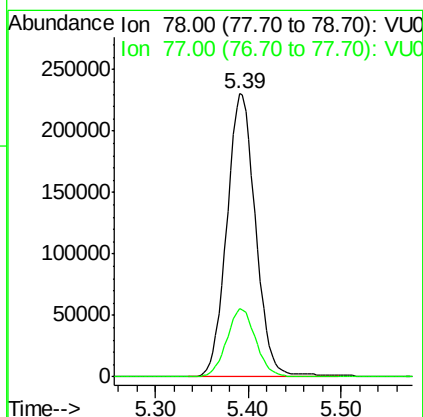
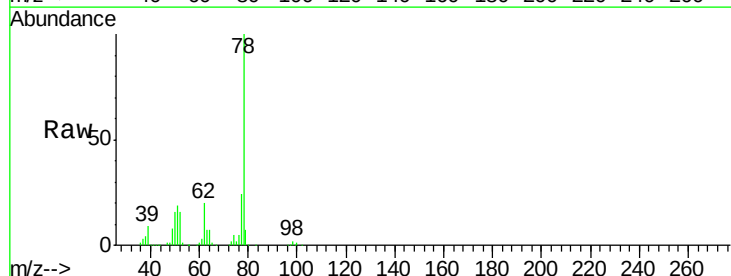
Instrument :
MSVOA_U
ClientSampleId :
BFB62

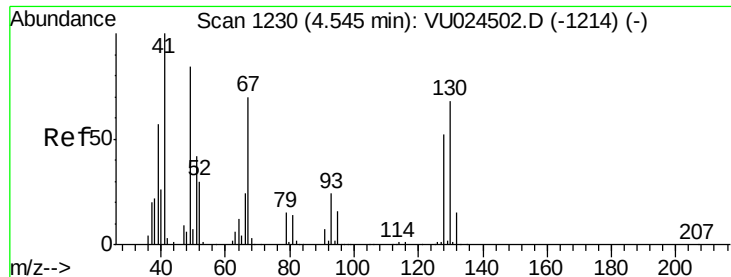
Tgt Ion	Ratio	Lower	Upper
83	100		
55	77.8	65.8	98.6
98	46.8	36.7	55.1



#40
Benzene
Concen: 54.349 ug/l
RT: 5.39 min Scan# 1493
Delta R.T. -0.00 min
Lab File: VU025008.D
Acq: 28 Jun 2018 10:01

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.0	19.2	28.8

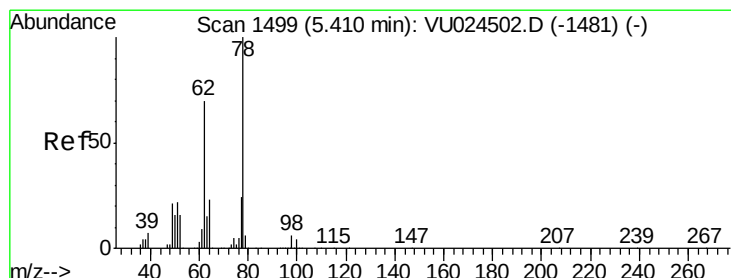
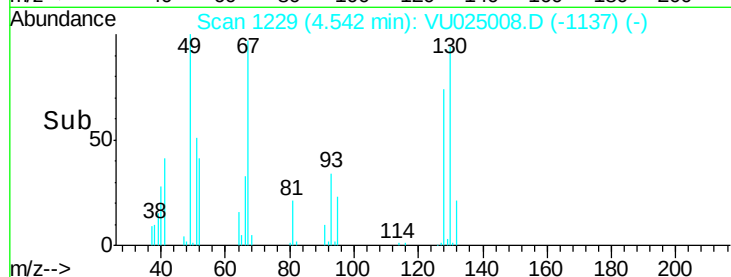
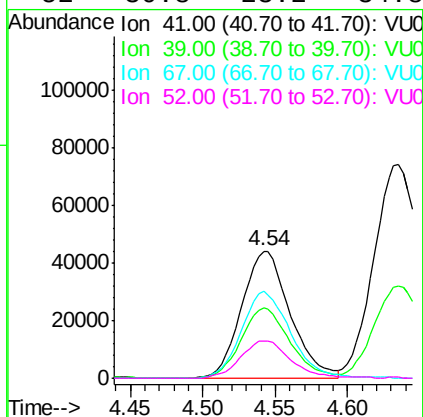
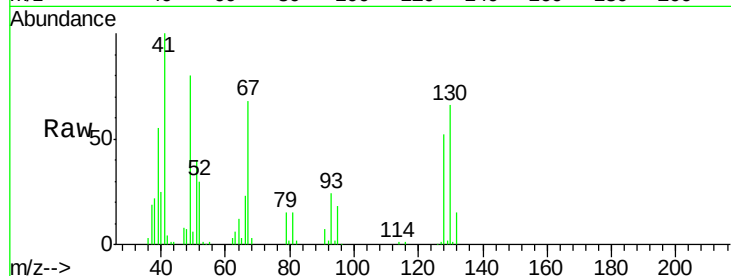




#41
Methacrylonitrile
Concen: 54.135 ug/l
RT: 4.54 min Scan# 1229
Delta R.T. -0.00 min
Lab File: VU025008.D
Acq: 28 Jun 2018 10:01

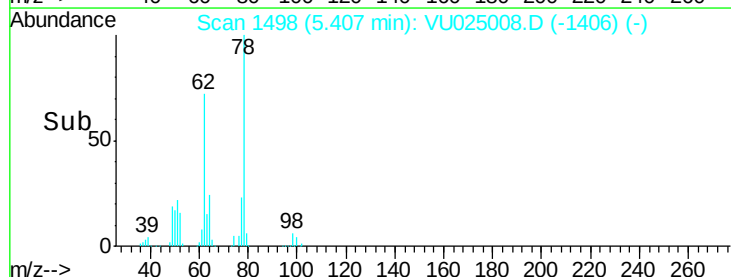
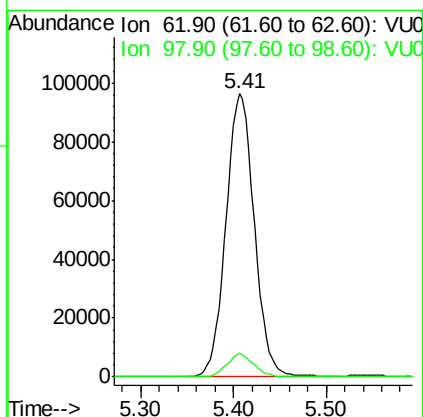
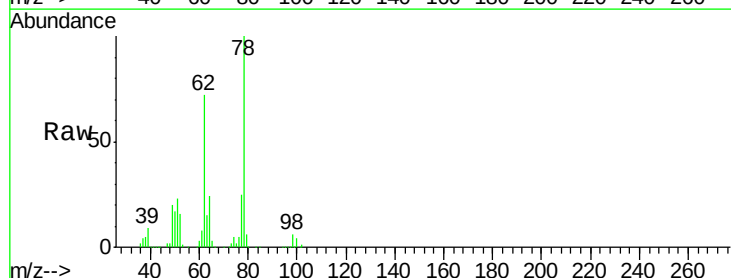
Instrument :
MSVOA_U
ClientSampleId :
BFB62

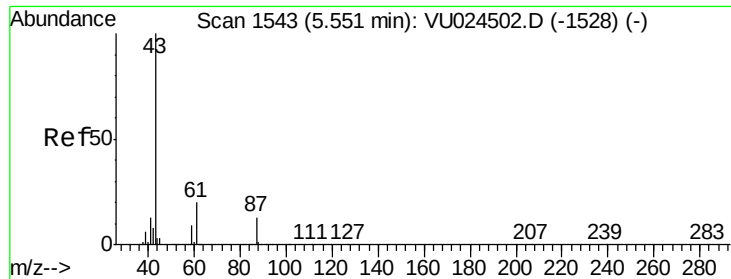
Tgt Ion:	41	Resp:	101908
Ion	Ratio	Lower	Upper
41	100		
39	55.9	43.8	65.6
67	70.0	56.3	84.5
52	30.8	23.2	34.8



#42
1,2-Dichloroethane
Concen: 58.818 ug/l
RT: 5.41 min Scan# 1498
Delta R.T. -0.00 min
Lab File: VU025008.D
Acq: 28 Jun 2018 10:01

Tgt Ion:	62	Resp:	204479
Ion	Ratio	Lower	Upper
62	100		
98	7.7	0.0	16.6

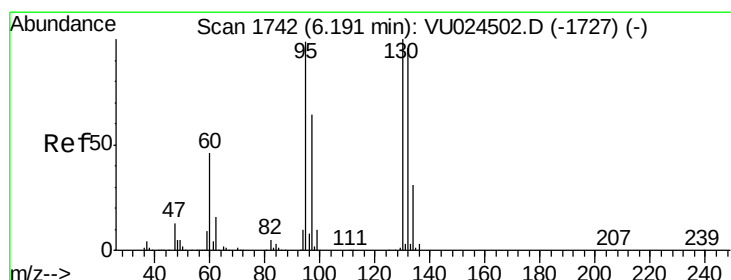
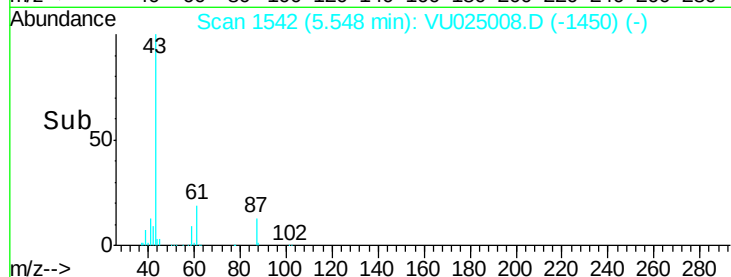
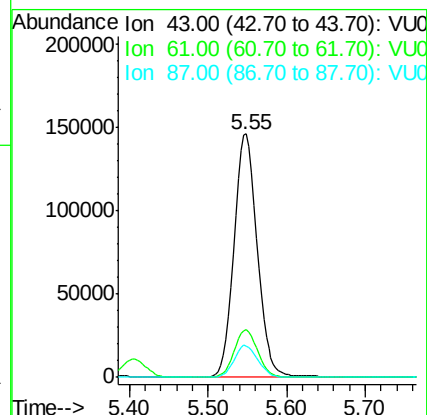
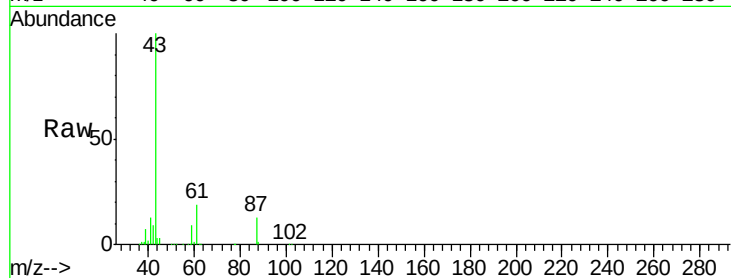




#43
Isopropyl Acetate
Concen: 49.418 ug/l
RT: 5.55 min Scan# 1542
Delta R.T. -0.00 min
Lab File: VU025008.D
Acq: 28 Jun 2018 10:01

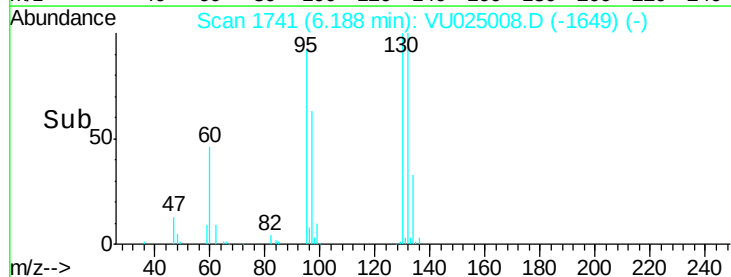
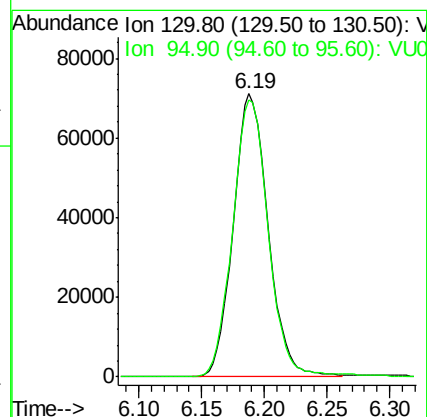
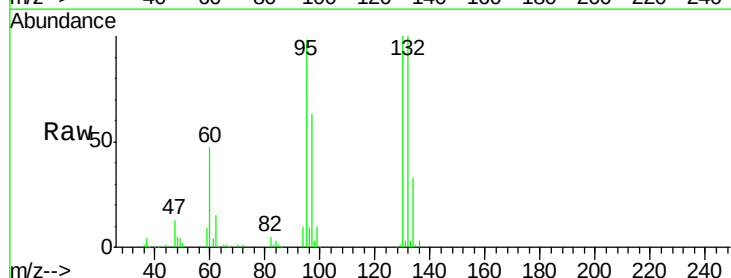
Instrument :
MSVOA_U
ClientSampleId :
BFB62

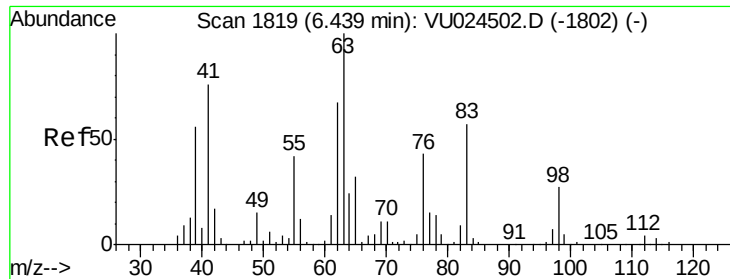
Tgt Ion	Ratio	Lower	Upper
43	100		
61	19.8	15.4	23.0
87	13.2	10.0	15.0



#44
Trichloroethene
Concen: 52.888 ug/l
RT: 6.19 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VU025008.D
Acq: 28 Jun 2018 10:01

Tgt Ion	Ratio	Lower	Upper
130	100		
95	98.0	0.0	202.4

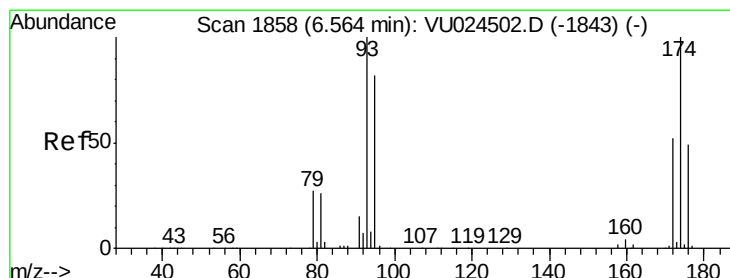
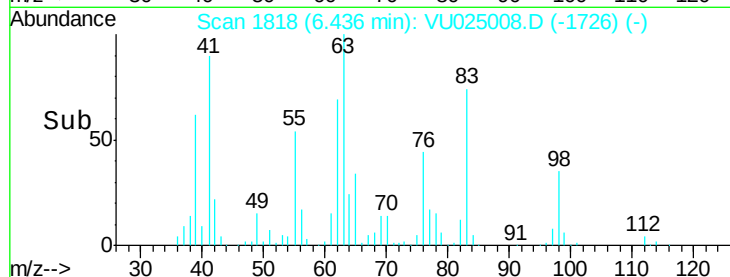
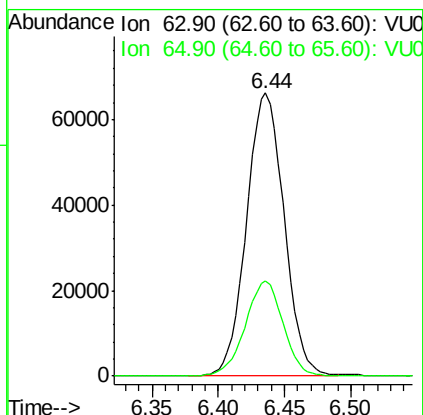
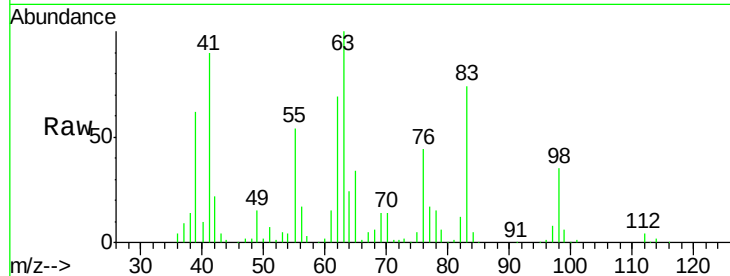




#45
 1,2-Dichloropropane
 Concen: 53.838 ug/l
 RT: 6.44 min Scan# 1818
 Delta R.T. -0.00 min
 Lab File: VU025008.D
 Acq: 28 Jun 2018 10:01

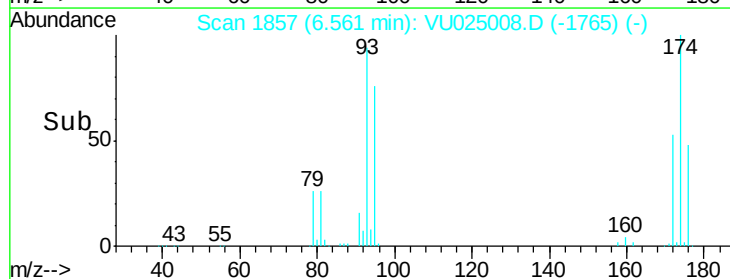
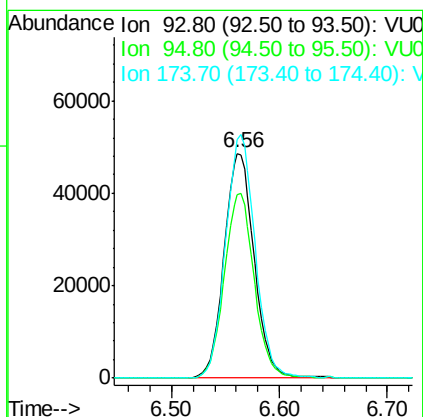
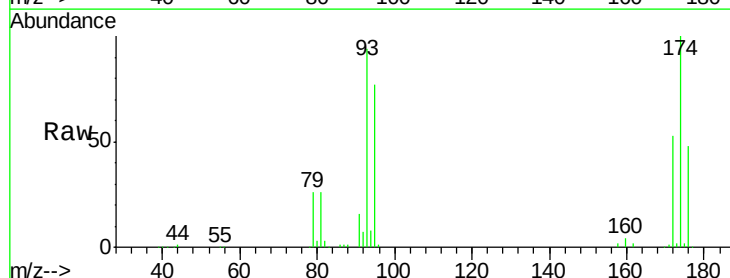
Instrument :
 MSVOA_U
 ClientSampleId :
 BFB62

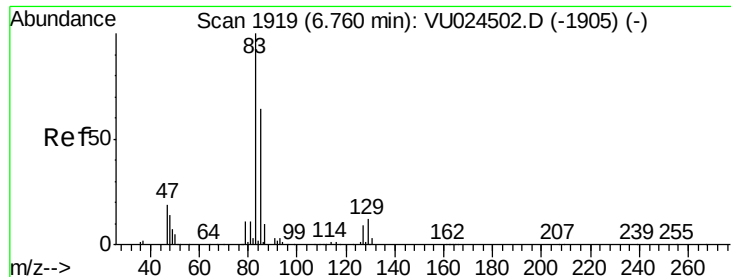
Tgt Ion: 63 Resp: 131126
 Ion Ratio Lower Upper
 63 100
 65 33.6 24.8 37.2



#46
 Dibromomethane
 Concen: 55.211 ug/l
 RT: 6.56 min Scan# 1857
 Delta R.T. -0.00 min
 Lab File: VU025008.D
 Acq: 28 Jun 2018 10:01

Tgt Ion: 93 Resp: 94453
 Ion Ratio Lower Upper
 93 100
 95 81.6 65.5 98.3
 174 106.3 78.7 118.1





#47

Bromodichloromethane

Concen: 53.931 ug/l

RT: 6.76 min Scan# 1919

Delta R.T. 0.00 min

Lab File: VU025008.D

Acq: 28 Jun 2018 10:01

Instrument :

MSVOA_U

ClientSampleId :

BFB62

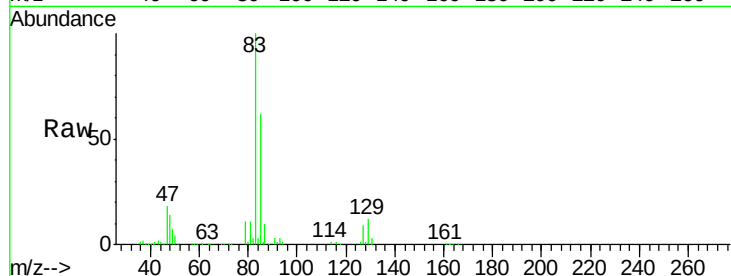
Tgt Ion: 83 Resp: 183721

Ion Ratio Lower Upper

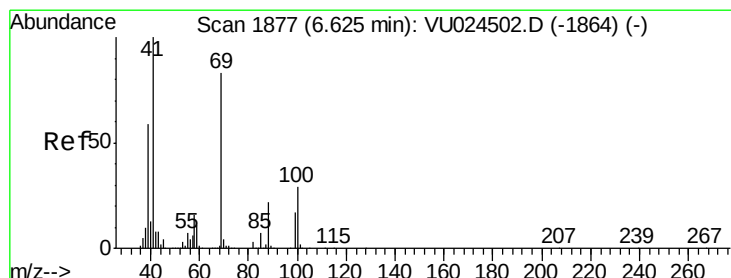
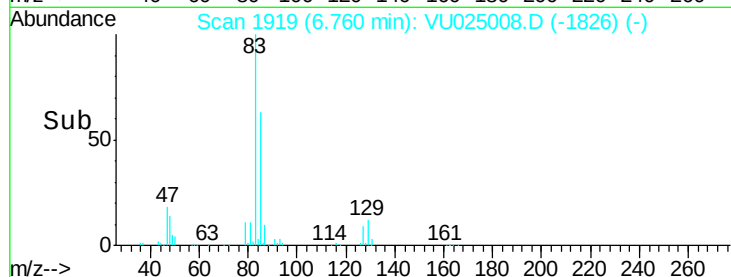
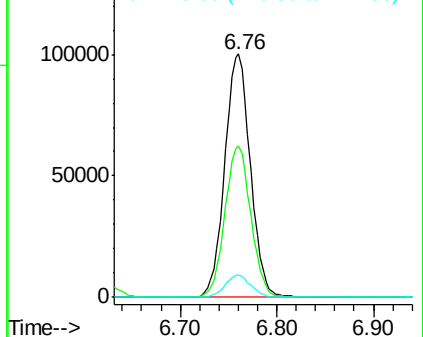
83 100

85 62.3 51.9 77.9

127 9.2 6.6 9.8



Abundance Ion 82.90 (82.60 to 83.60): VU0
Ion 84.90 (84.60 to 85.60): VU0
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 52.695 ug/l

RT: 6.62 min Scan# 1876

Delta R.T. -0.00 min

Lab File: VU025008.D

Acq: 28 Jun 2018 10:01

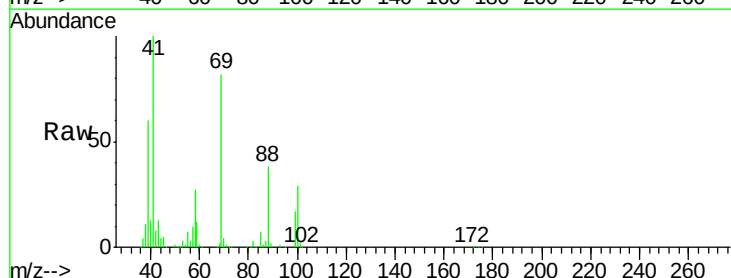
Tgt Ion: 41 Resp: 154859

Ion Ratio Lower Upper

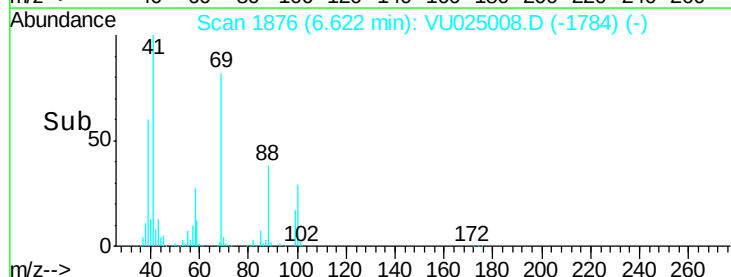
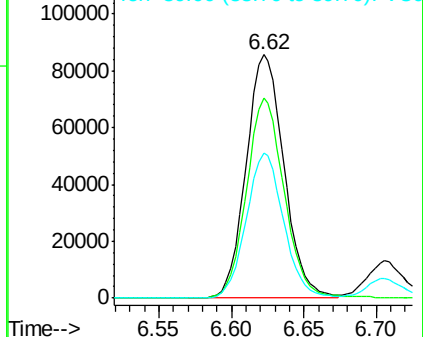
41 100

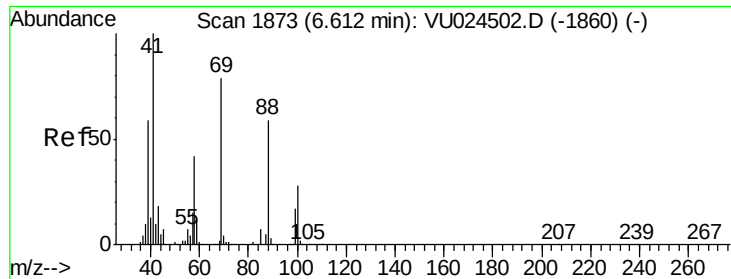
69 82.5 67.3 100.9

39 58.6 46.5 69.7



Abundance Ion 41.00 (40.70 to 41.70): VU0
Ion 69.00 (68.70 to 69.70): VU0
Ion 39.00 (38.70 to 39.70): VU0

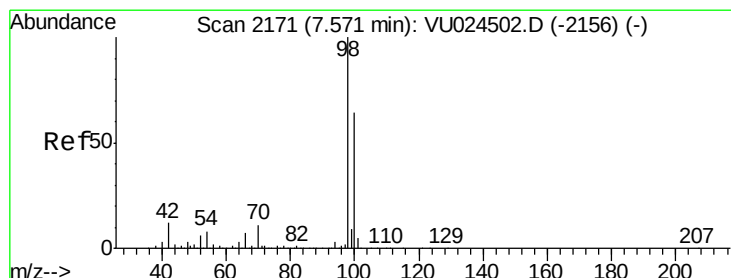
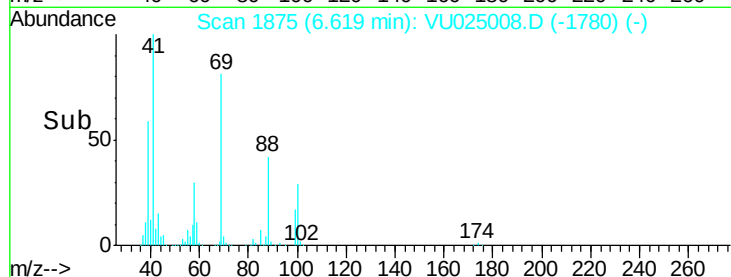
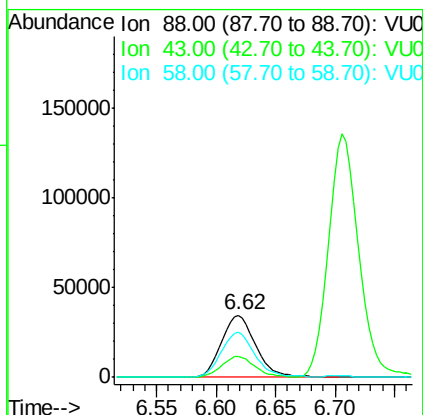
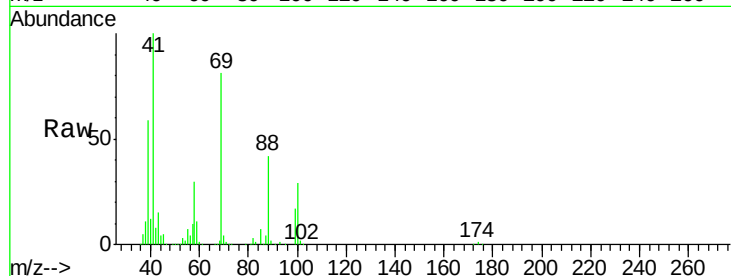




#49
 1,4-Dioxane
 Concen: 1187.030 ug/l
 RT: 6.62 min Scan# 1875
 Delta R.T. 0.01 min
 Lab File: VU025008.D
 Acq: 28 Jun 2018 10:01

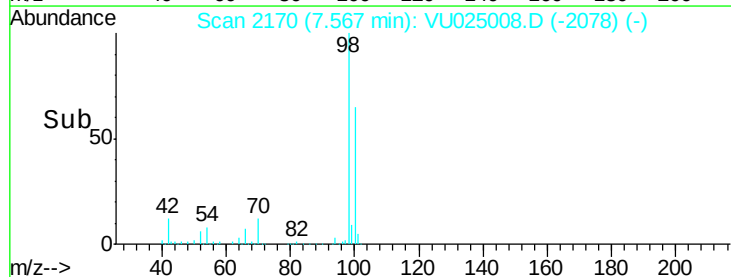
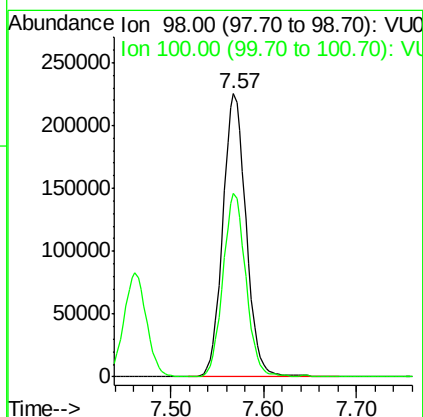
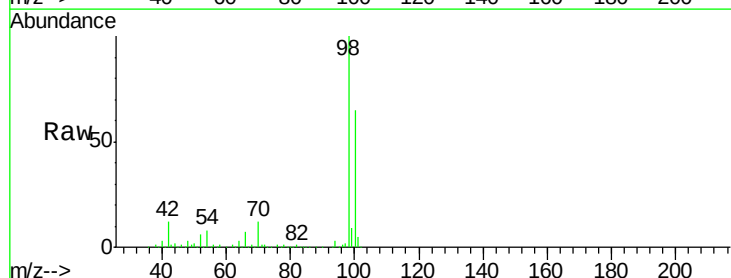
Instrument :
 MSVOA_U
 ClientSampleId :
 BFB62

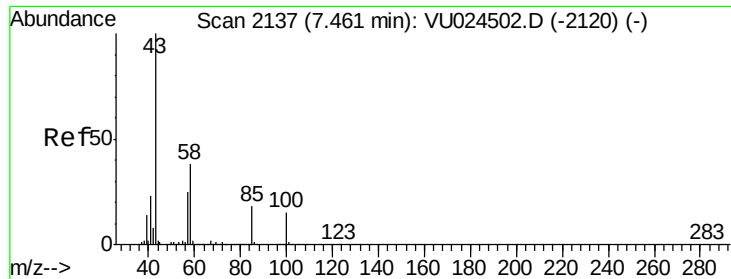
Tgt Ion: 88 Resp: 68220
 Ion Ratio Lower Upper
 88 100
 43 33.9 28.6 42.8
 58 71.7 58.2 87.4



#50
 Toluene-d8
 Concen: 47.580 ug/l
 RT: 7.57 min Scan# 2170
 Delta R.T. -0.00 min
 Lab File: VU025008.D
 Acq: 28 Jun 2018 10:01

Tgt Ion: 98 Resp: 392657
 Ion Ratio Lower Upper
 98 100
 100 63.0 51.1 76.7

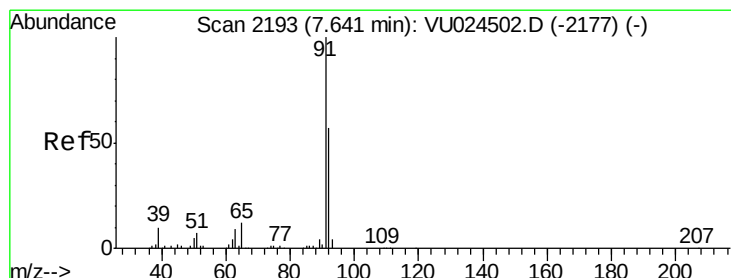
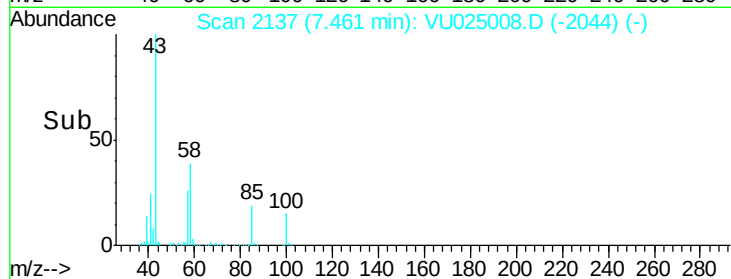
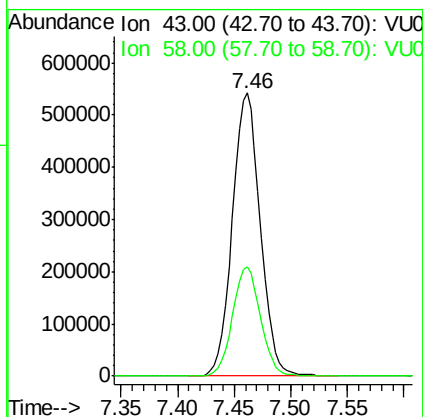
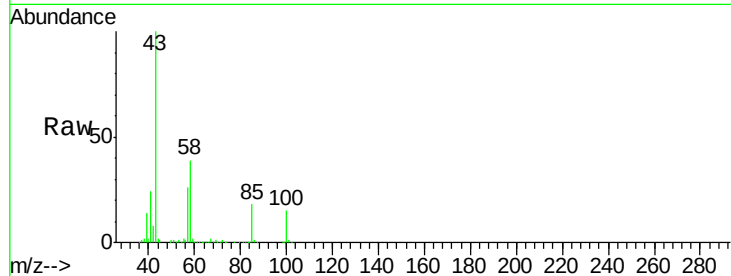




#51
 4-Methyl-2-Pentanone
 Concen: 245.471 ug/l
 RT: 7.46 min Scan# 2137
 Delta R.T. 0.00 min
 Lab File: VU025008.D
 Acq: 28 Jun 2018 10:01

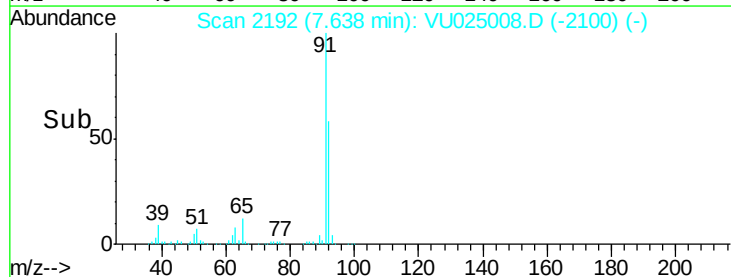
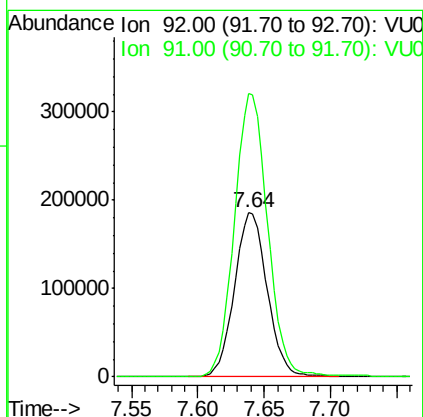
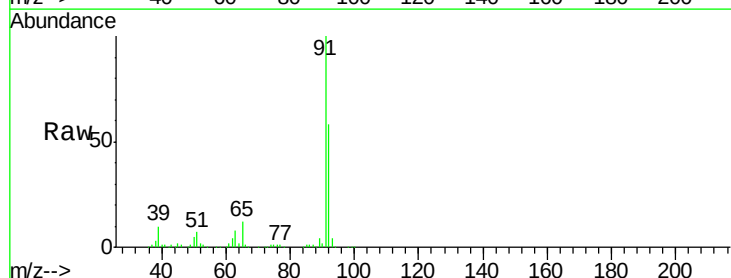
Instrument :
 MSVOA_U
 ClientSampleId :
 BFB62

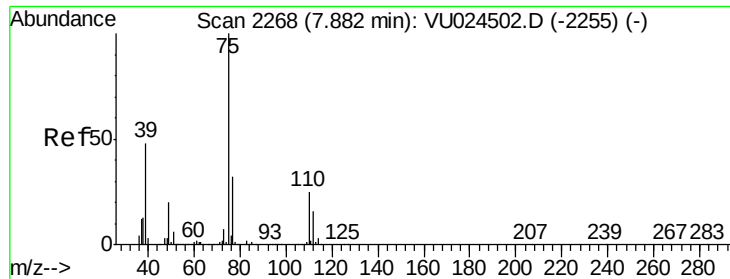
Tgt Ion: 43 Resp: 930726
 Ion Ratio Lower Upper
 43 100
 58 38.8 30.0 45.0



#52
 Toluene
 Concen: 54.404 ug/l
 RT: 7.64 min Scan# 2192
 Delta R.T. -0.00 min
 Lab File: VU025008.D
 Acq: 28 Jun 2018 10:01

Tgt Ion: 92 Resp: 319493
 Ion Ratio Lower Upper
 92 100
 91 175.6 140.5 210.7





#53

t-1,3-Dichloropropene

Concen: 53.027 ug/l

RT: 7.88 min Scan# 2268

Delta R.T. 0.00 min

Lab File: VU025008.D

Acq: 28 Jun 2018 10:01

Instrument :

MSVOA_U

ClientSampleId :

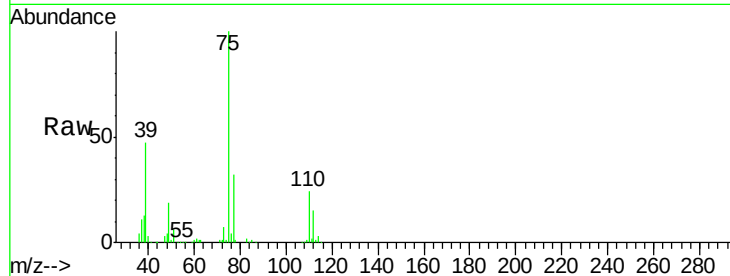
BFB62

Tgt Ion: 75 Resp: 202861

Ion Ratio Lower Upper

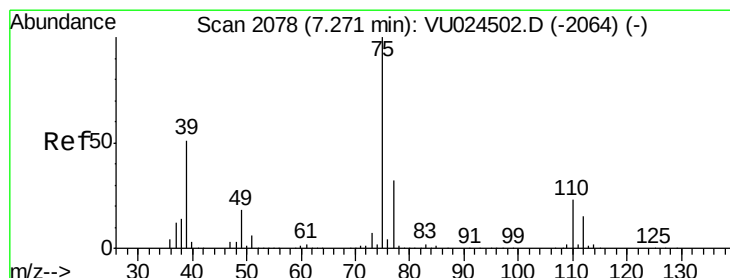
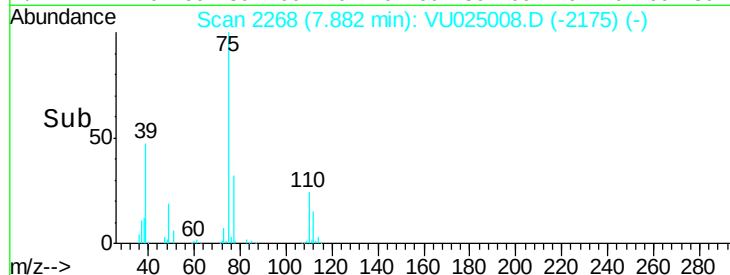
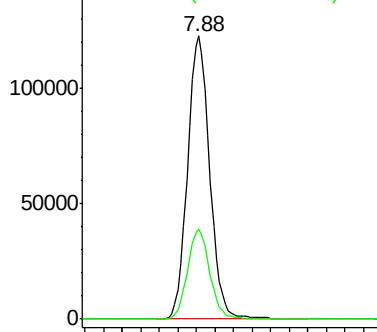
75 100

77 31.6 24.8 37.2



Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 76.90 (76.60 to 77.60): VU0



#54

cis-1,3-Dichloropropene

Concen: 51.666 ug/l

RT: 7.27 min Scan# 2078

Delta R.T. 0.00 min

Lab File: VU025008.D

Acq: 28 Jun 2018 10:01

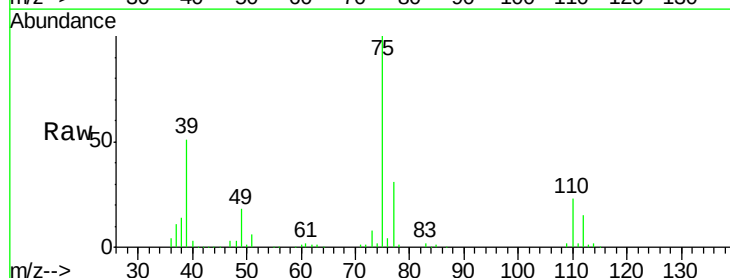
Tgt Ion: 75 Resp: 210615

Ion Ratio Lower Upper

75 100

77 31.5 24.6 36.8

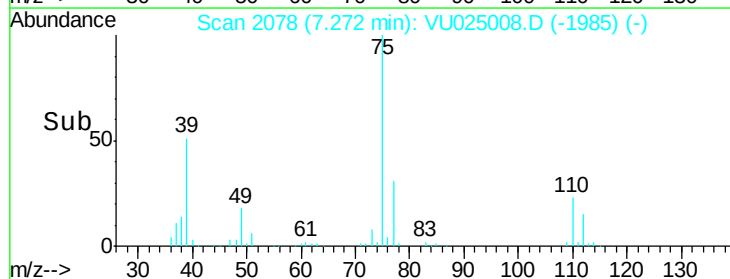
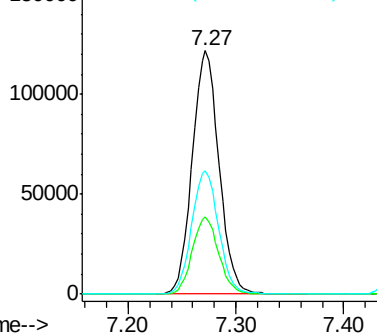
39 50.7 39.8 59.6

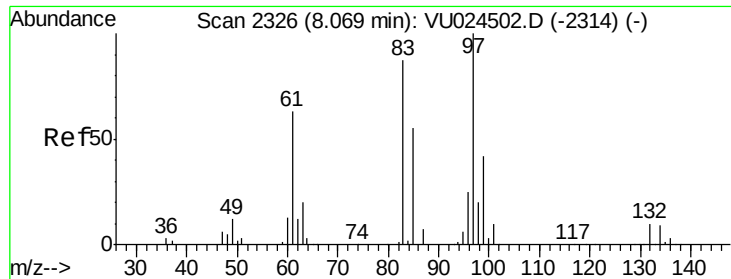


Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 76.90 (76.60 to 77.60): VU0

Ion 39.00 (38.70 to 39.70): VU0

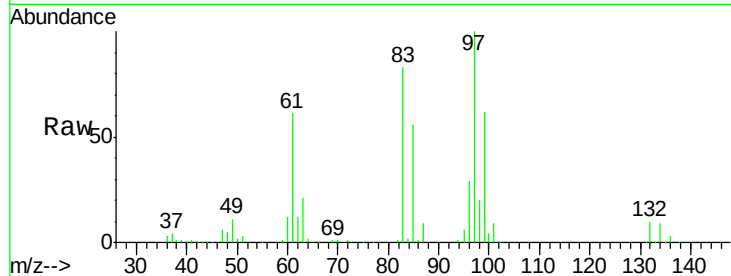




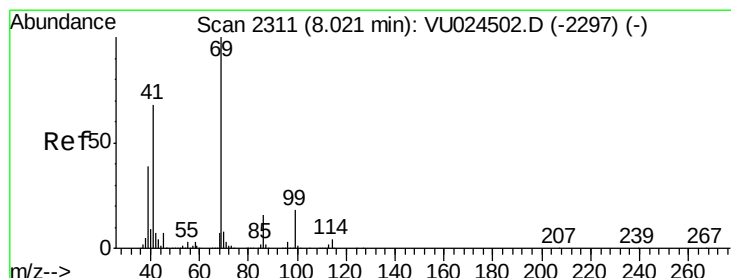
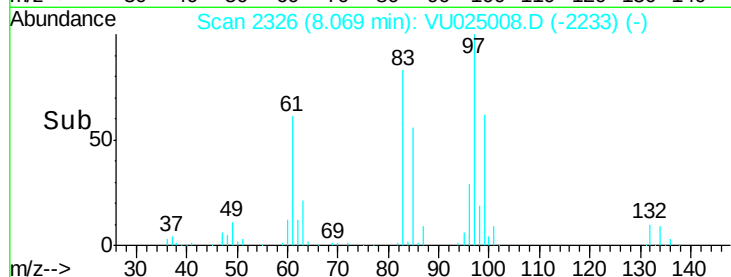
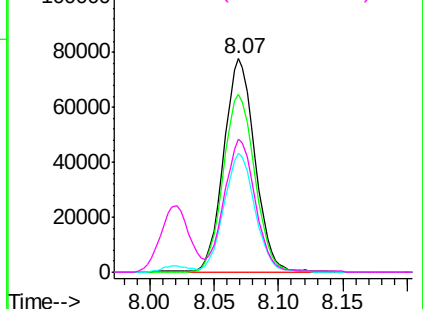
#55
 1,1,2-Trichloroethane
 Concen: 54.121 ug/l
 RT: 8.07 min Scan# 2326
 Delta R.T. 0.00 min
 Lab File: VU025008.D
 Acq: 28 Jun 2018 10:01

Instrument :
 MSVOA_U
 ClientSampleId :
 BFB62

Tgt Ion:	97	Resp:	129195
Ion	Ratio	Lower	Upper
97	100		
83	83.5	70.5	105.7
85	55.6	46.4	69.6
99	61.9	50.2	75.2

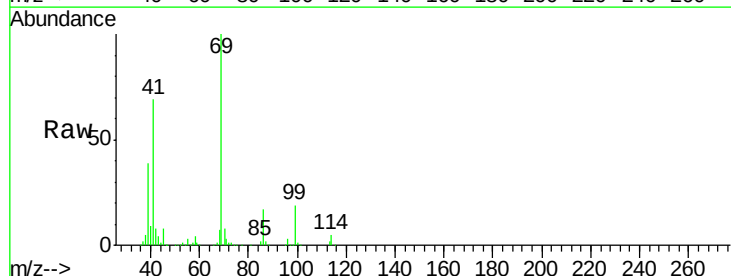


Abundance Ion 96.90 (96.60 to 97.60): VU0
 Ion 82.90 (82.60 to 83.60): VU0
 Ion 84.90 (84.60 to 85.60): VU0
 Ion 98.90 (98.60 to 99.60): VU0

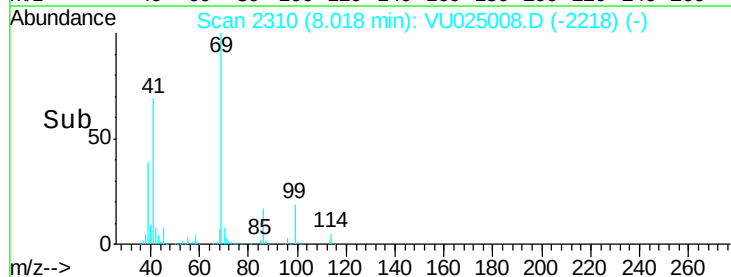
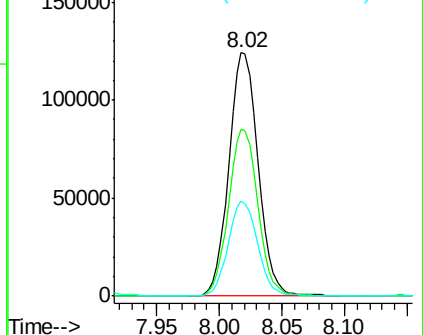


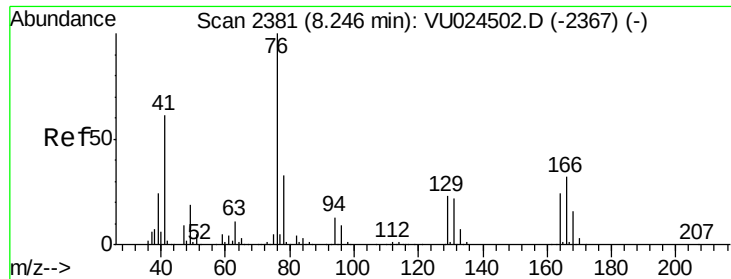
#56
 Ethyl methacrylate
 Concen: 50.336 ug/l
 RT: 8.02 min Scan# 2310
 Delta R.T. -0.00 min
 Lab File: VU025008.D
 Acq: 28 Jun 2018 10:01

Tgt Ion:	69	Resp:	201113
Ion	Ratio	Lower	Upper
69	100		
41	68.9	54.1	81.1
39	39.1	30.3	45.5



Abundance Ion 69.00 (68.70 to 69.70): VU0
 Ion 41.00 (40.70 to 41.70): VU0
 Ion 39.00 (38.70 to 39.70): VU0

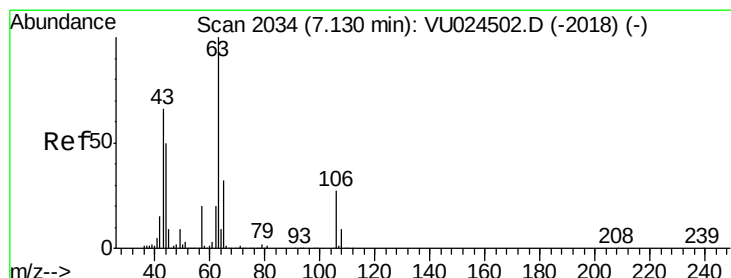
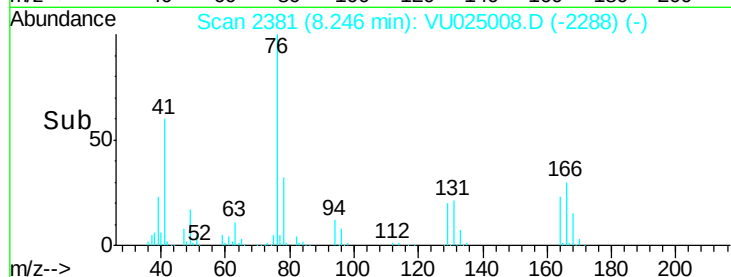
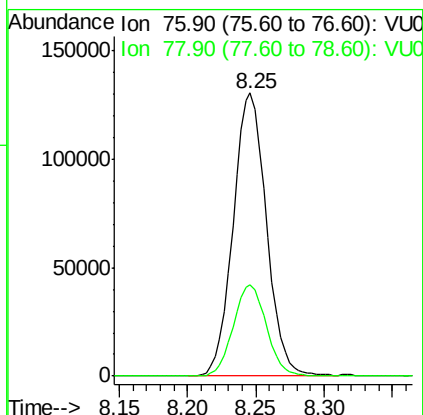
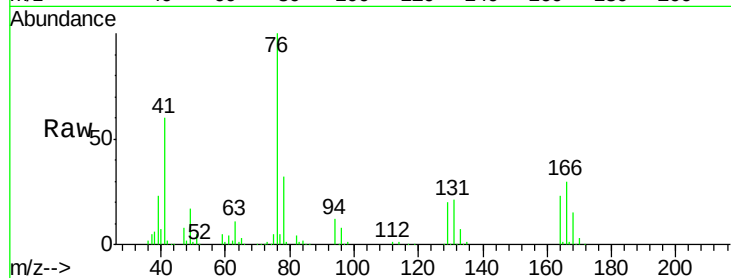




#57
 1,3-Dichloropropane
 Concen: 54.855 ug/l
 RT: 8.25 min Scan# 2381
 Delta R.T. 0.00 min
 Lab File: VU025008.D
 Acq: 28 Jun 2018 10:01

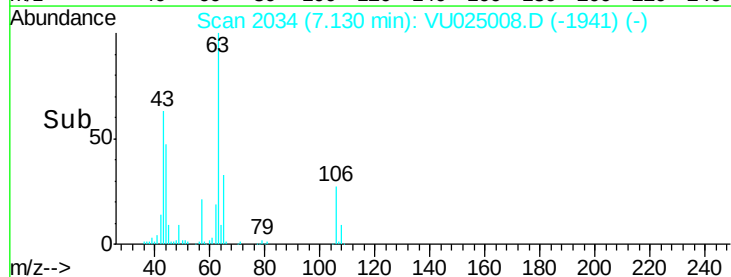
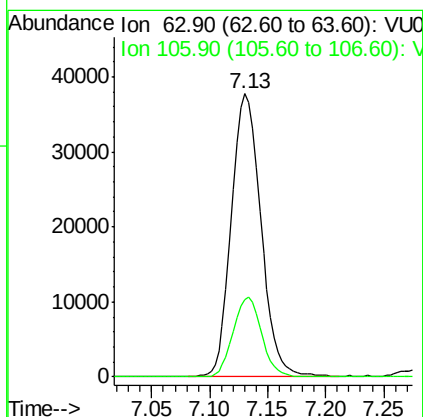
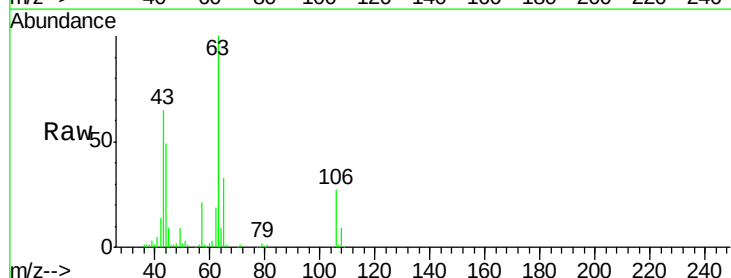
Instrument :
 MSVOA_U
 ClientSampleId :
 BFB62

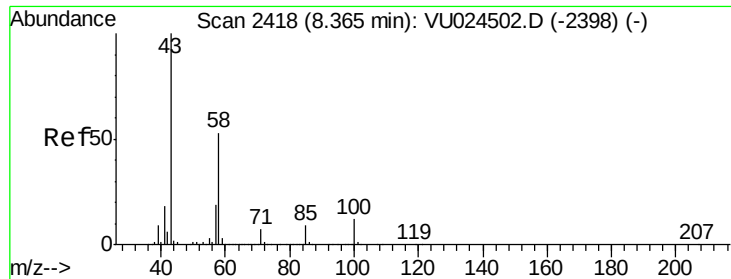
Tgt Ion: 76 Resp: 220894
 Ion Ratio Lower Upper
 76 100
 78 32.4 25.2 37.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 43.675 ug/l
 RT: 7.13 min Scan# 2034
 Delta R.T. 0.00 min
 Lab File: VU025008.D
 Acq: 28 Jun 2018 10:01

Tgt Ion: 63 Resp: 66852
 Ion Ratio Lower Upper
 63 100
 106 26.8 20.2 30.2

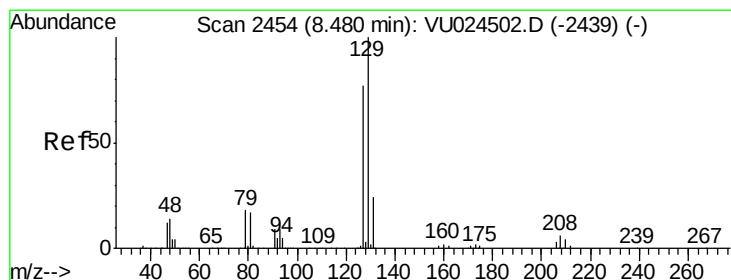
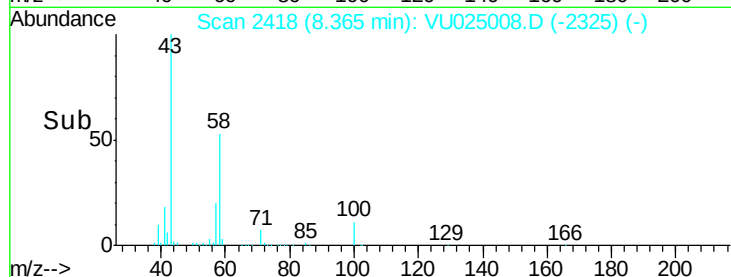
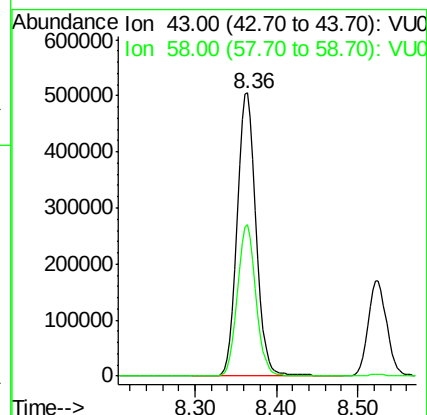
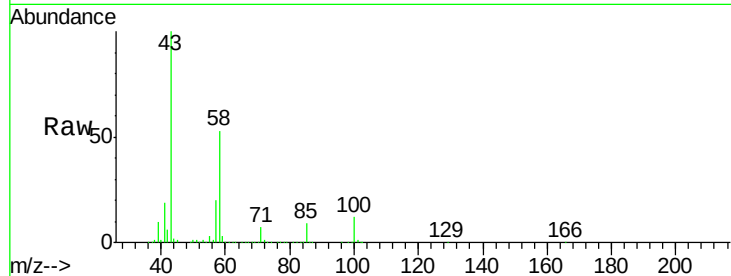




#59
2-Hexanone
Concen: 267.008 ug/l
RT: 8.36 min Scan# 2418
Delta R.T. 0.00 min
Lab File: VU025008.D
Acq: 28 Jun 2018 10:01

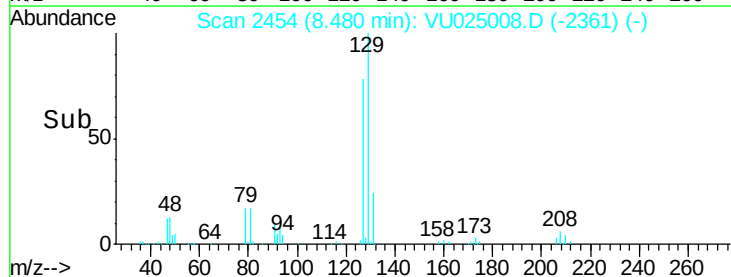
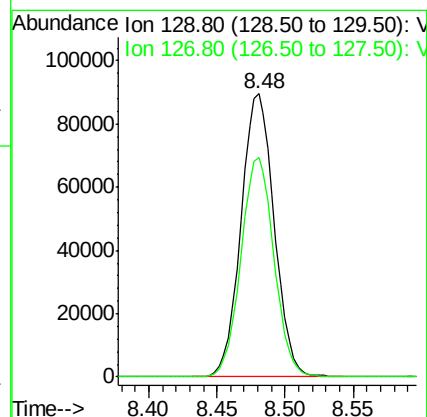
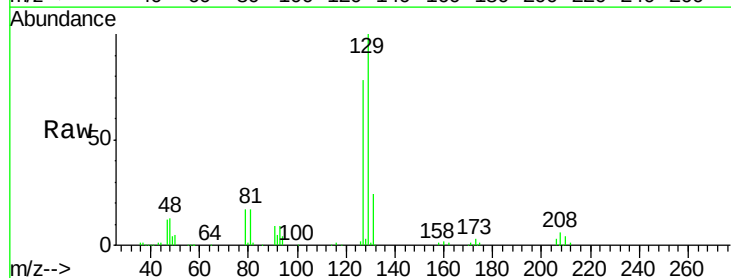
Instrument :
MSVOA_U
ClientSampleId :
BFB62

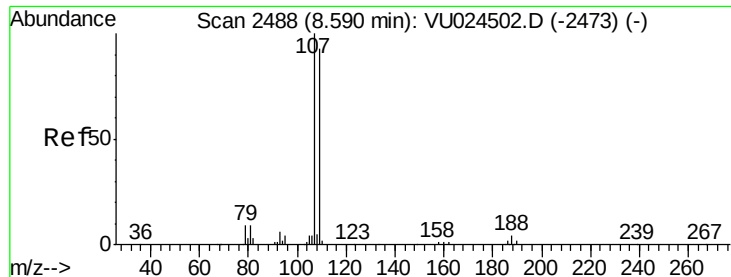
Tgt Ion: 43 Resp: 826518
Ion Ratio Lower Upper
43 100
58 52.5 26.4 79.0



#60
Dibromochloromethane
Concen: 50.711 ug/l
RT: 8.48 min Scan# 2454
Delta R.T. 0.00 min
Lab File: VU025008.D
Acq: 28 Jun 2018 10:01

Tgt Ion: 129 Resp: 150956
Ion Ratio Lower Upper
129 100
127 77.2 38.6 116.0





#61

1,2-Dibromoethane

Concen: 53.955 ug/l

RT: 8.59 min Scan# 2488

Delta R.T. 0.00 min

Lab File: VU025008.D

Acq: 28 Jun 2018 10:01

Instrument :

MSVOA_U

ClientSampleId :

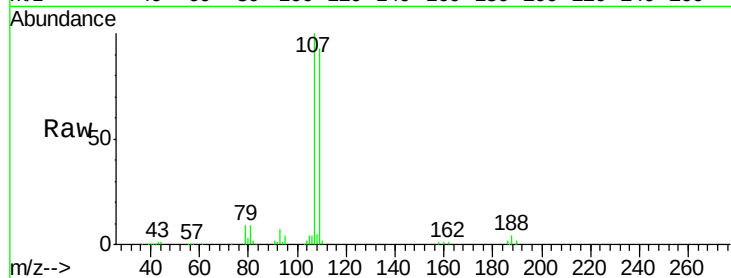
BFB62

Tgt Ion: 107 Resp: 143355

Ion Ratio Lower Upper

107 100

109 93.9 74.5 111.7



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

8.59

100000

80000

60000

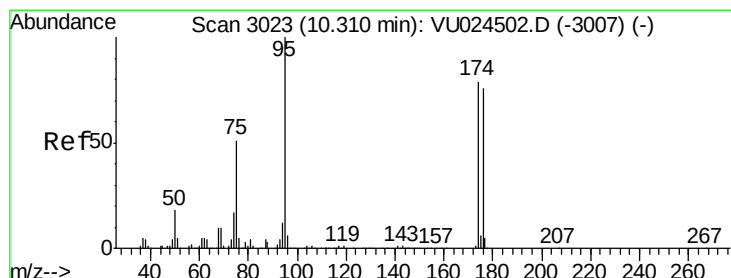
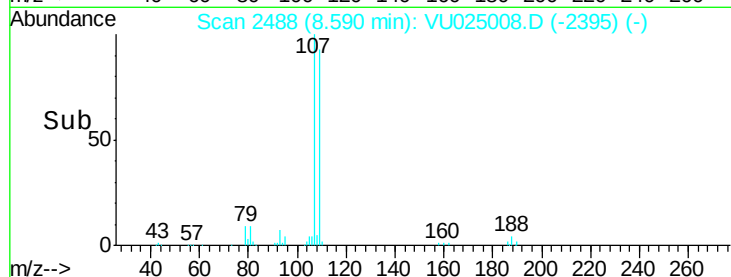
40000

20000

0

Time-->

8.50 8.55 8.60 8.65 8.70



#62

4-Bromofluorobenzene

Concen: 50.369 ug/l

RT: 10.31 min Scan# 3023

Delta R.T. 0.00 min

Lab File: VU025008.D

Acq: 28 Jun 2018 10:01

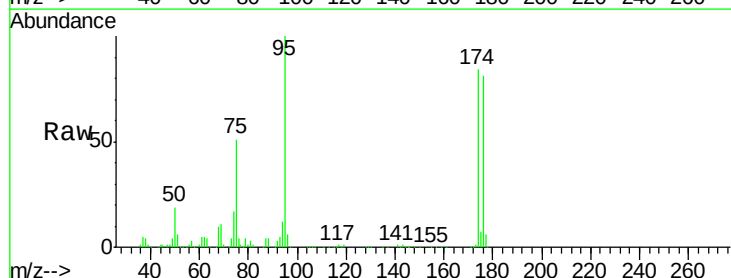
Tgt Ion: 95 Resp: 165040

Ion Ratio Lower Upper

95 100

174 85.5 0.0 165.8

176 82.3 0.0 159.4



Abundance Ion 94.90 (94.60 to 95.60): VU0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

10.31

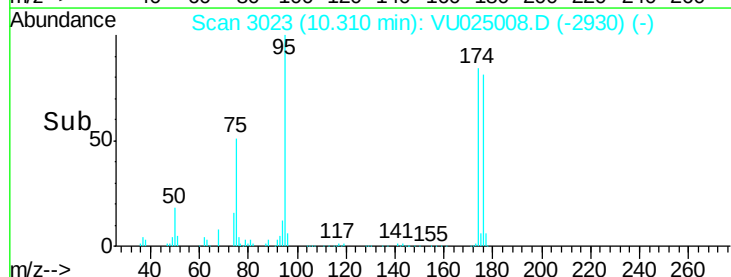
100000

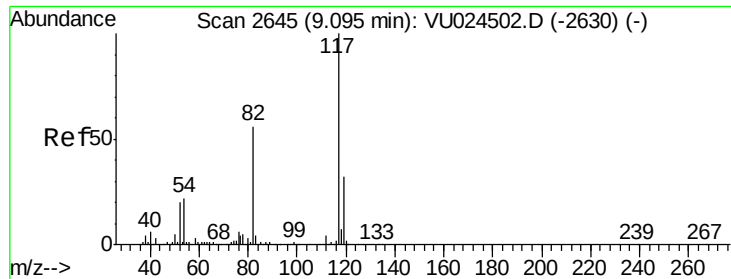
50000

0

Time-->

10.30 10.40

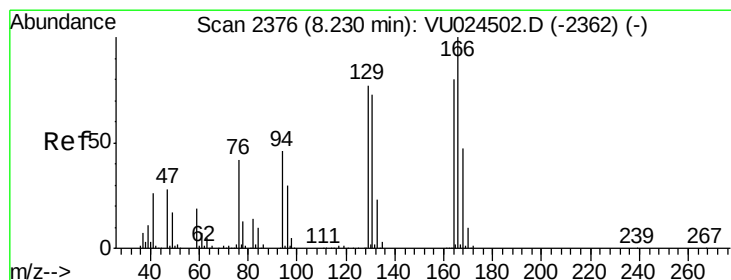
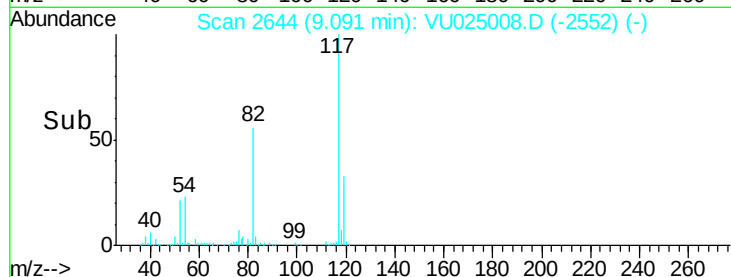
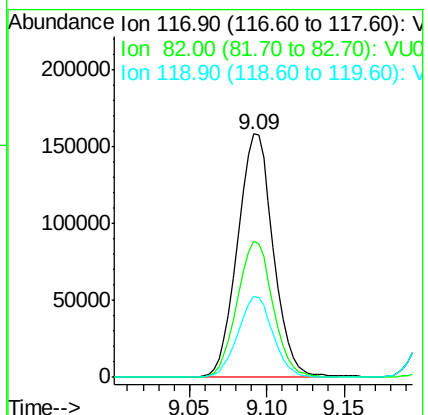
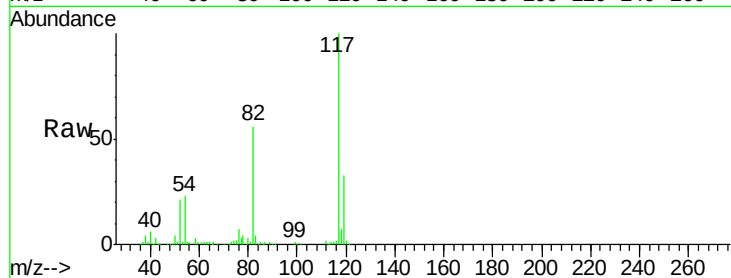




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2644
Delta R.T. -0.00 min
Lab File: VU025008.D
Acq: 28 Jun 2018 10:01

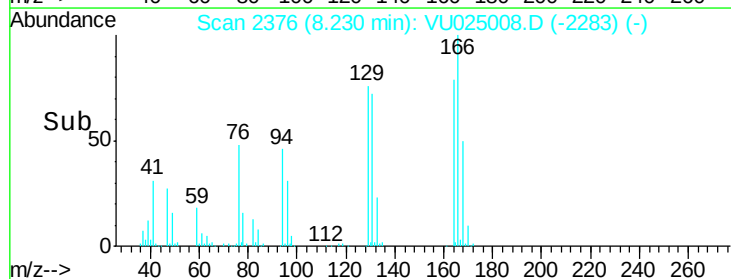
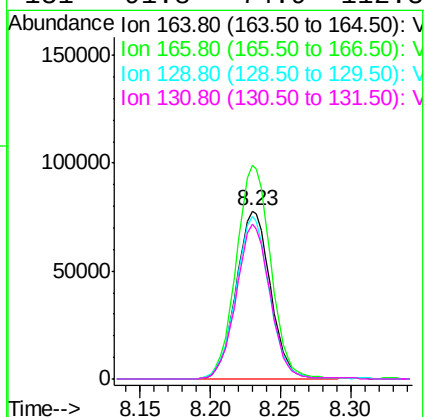
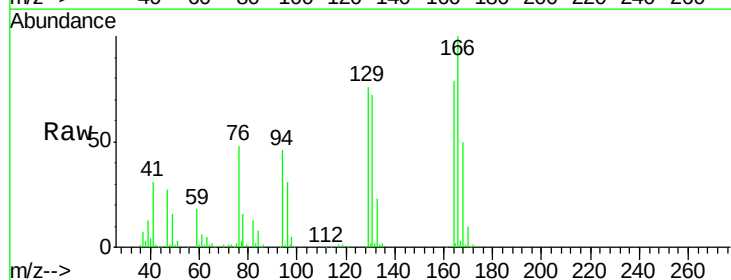
Instrument :
MSVOA_U
ClientSampled :
BFB62

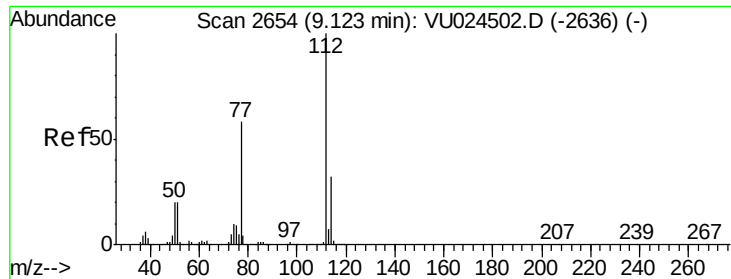
Tgt Ion:117 Resp: 254806
Ion Ratio Lower Upper
117 100
82 55.8 44.3 66.5
119 33.1 25.4 38.2



#64
Tetrachloroethene
Concen: 54.804 ug/l
RT: 8.23 min Scan# 2376
Delta R.T. 0.00 min
Lab File: VU025008.D
Acq: 28 Jun 2018 10:01

Tgt Ion:164 Resp: 132738
Ion Ratio Lower Upper
164 100
166 127.1 101.7 152.5
129 97.0 76.9 115.3
131 91.8 74.9 112.3

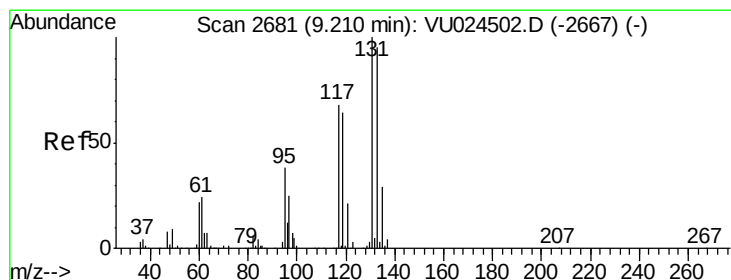
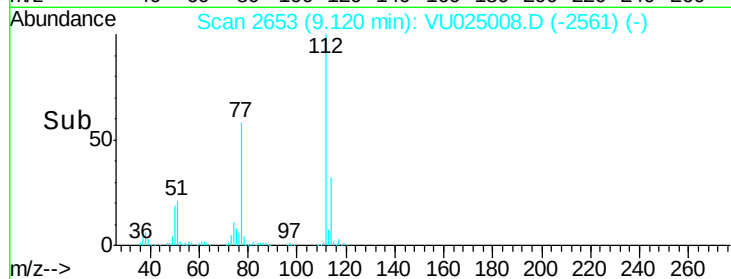
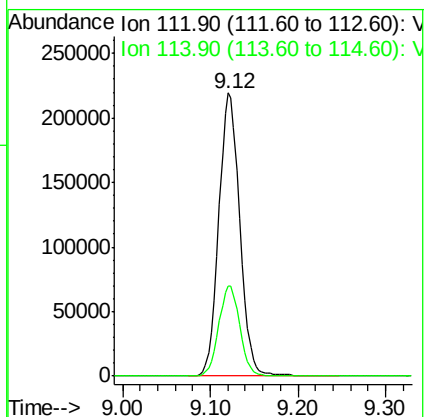
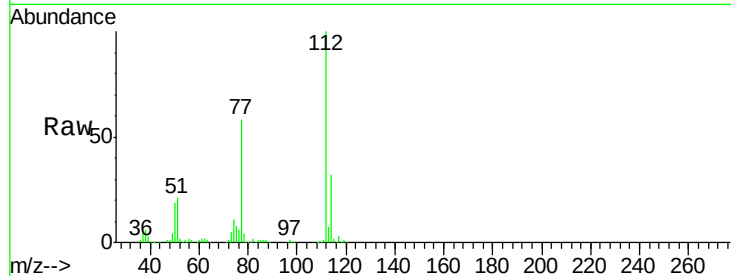




#65
Chlorobenzene
Concen: 55.977 ug/l
RT: 9.12 min Scan# 2653
Delta R.T. -0.00 min
Lab File: VU025008.D
Acq: 28 Jun 2018 10:01

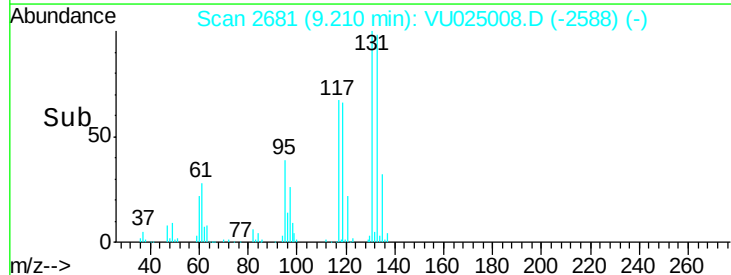
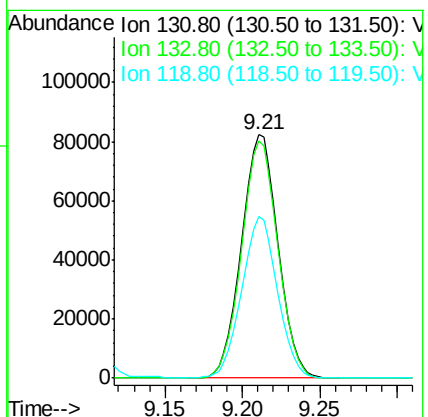
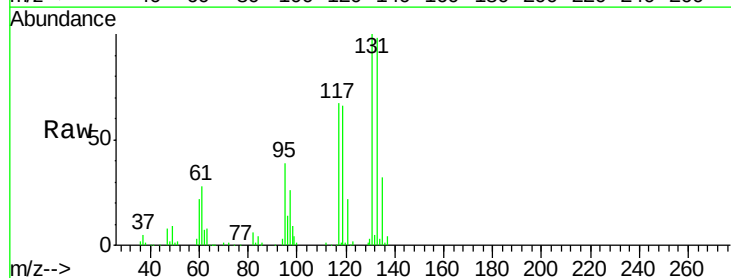
Instrument :
MSVOA_U
ClientSampleId :
BFB62

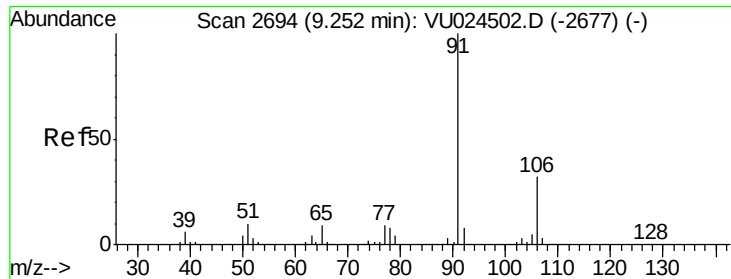
Tgt Ion:112 Resp: 364377
Ion Ratio Lower Upper
112 100
114 32.0 25.6 38.4



#66
1,1,1,2-Tetrachloroethane
Concen: 54.841 ug/l
RT: 9.21 min Scan# 2681
Delta R.T. 0.00 min
Lab File: VU025008.D
Acq: 28 Jun 2018 10:01

Tgt Ion:131 Resp: 135623
Ion Ratio Lower Upper
131 100
133 96.8 46.9 140.8
119 64.8 33.5 100.4

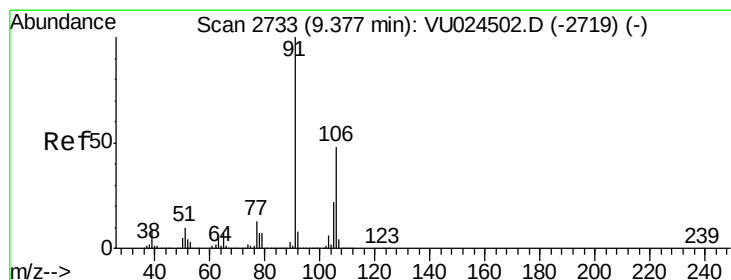
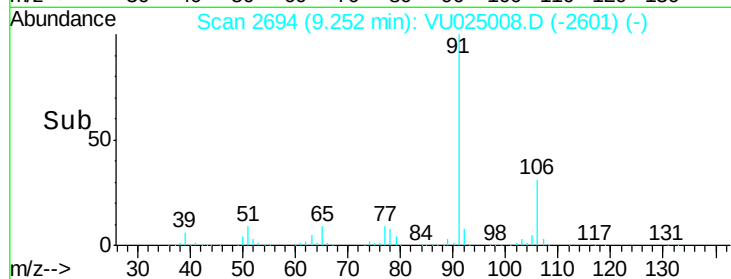
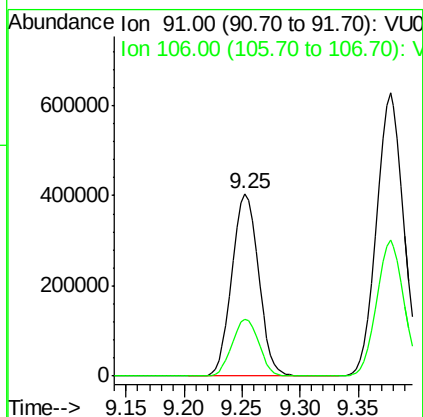
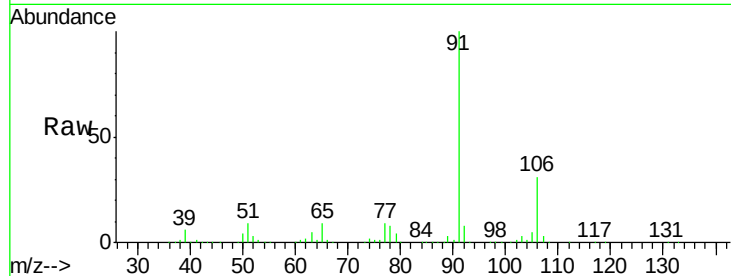




#67
Ethyl Benzene
Concen: 56.388 ug/l
RT: 9.25 min Scan# 2694
Delta R.T. 0.00 min
Lab File: VU025008.D
Acq: 28 Jun 2018 10:01

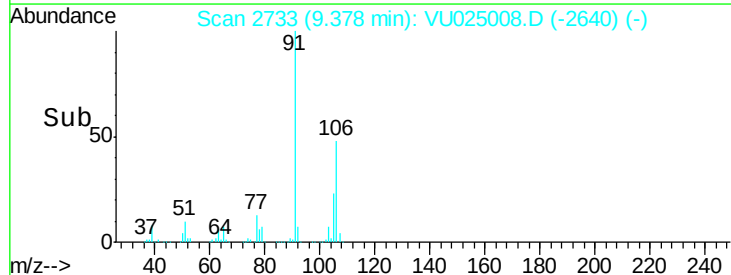
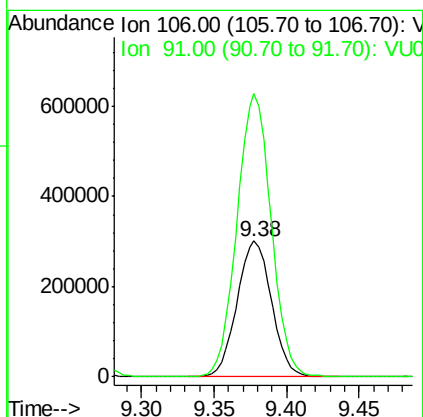
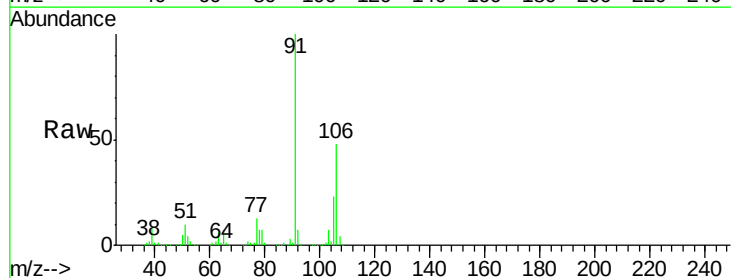
Instrument :
MSVOA_U
ClientSampleId :
BFB62

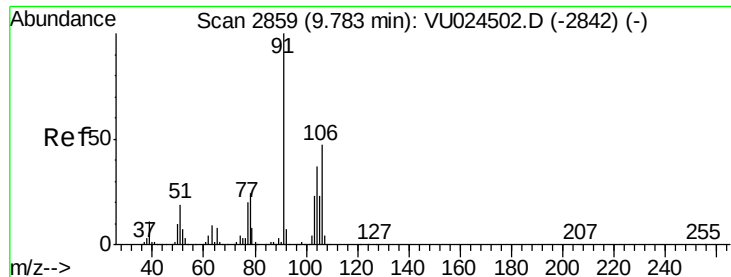
Tgt Ion: 91 Resp: 643468
Ion Ratio Lower Upper
91 100
106 31.2 24.2 36.4



#68
m/p-Xylenes
Concen: 113.691 ug/l
RT: 9.38 min Scan# 2733
Delta R.T. 0.00 min
Lab File: VU025008.D
Acq: 28 Jun 2018 10:01

Tgt Ion: 106 Resp: 498191
Ion Ratio Lower Upper
106 100
91 205.8 166.5 249.7

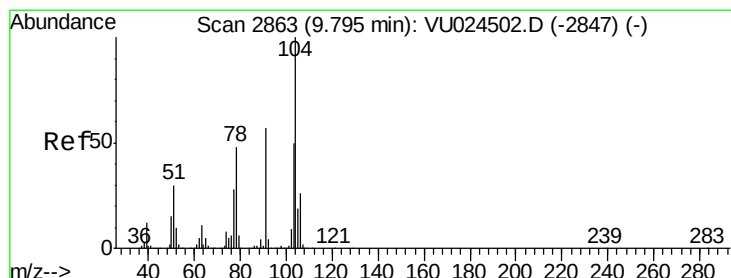
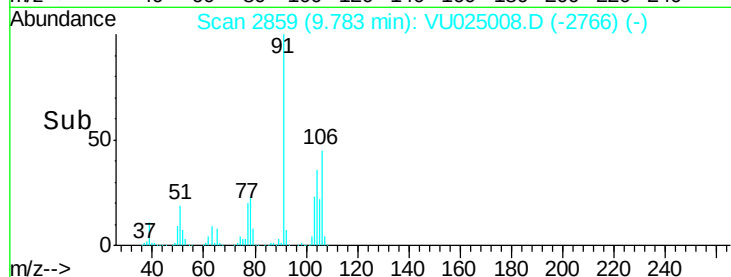
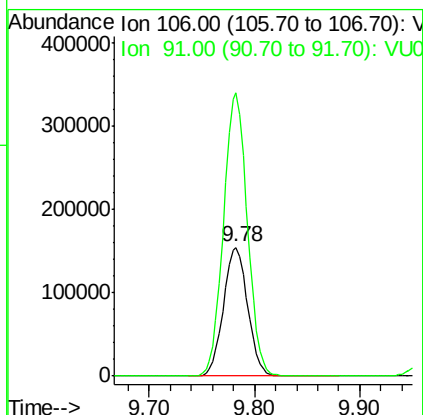
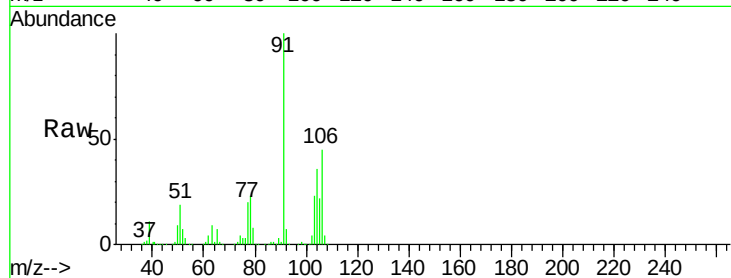




#69
o-Xylene
Concen: 56.432 ug/l
RT: 9.78 min Scan# 2859
Delta R.T. 0.00 min
Lab File: VU025008.D
Acq: 28 Jun 2018 10:01

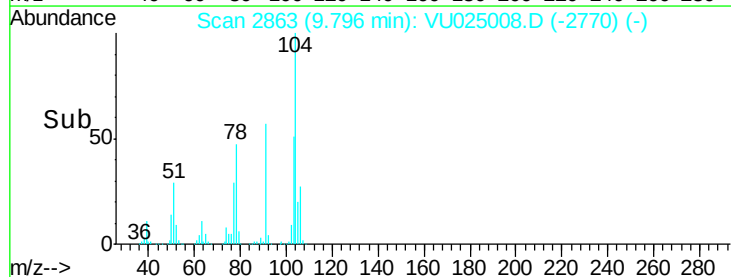
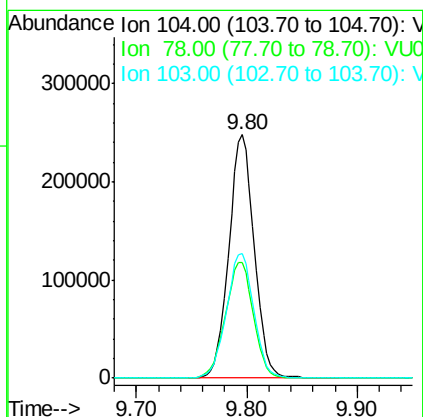
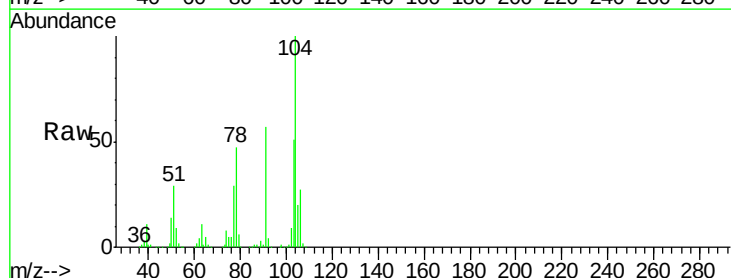
Instrument :
MSVOA_U
ClientSampleId :
BFB62

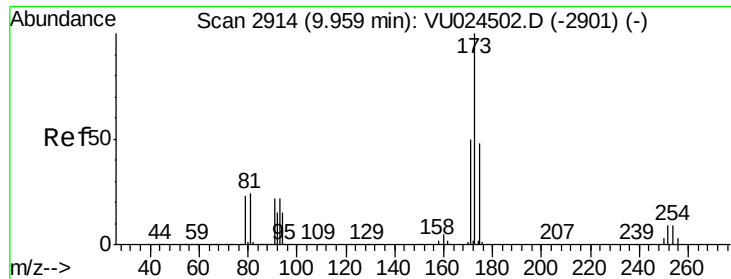
Tgt Ion:106 Resp: 244726
Ion Ratio Lower Upper
106 100
91 216.4 110.7 331.9



#70
Styrene
Concen: 55.570 ug/l
RT: 9.80 min Scan# 2863
Delta R.T. 0.00 min
Lab File: VU025008.D
Acq: 28 Jun 2018 10:01

Tgt Ion:104 Resp: 396025
Ion Ratio Lower Upper
104 100
78 52.4 40.6 60.8
103 55.6 44.7 67.1





#71

Bromoform

Concen: 50.277 ug/l

RT: 9.96 min Scan# 2915

Delta R.T. 0.00 min

Lab File: VU025008.D

Acq: 28 Jun 2018 10:01

Instrument :

MSVOA_U

ClientSampleId :

BFB62

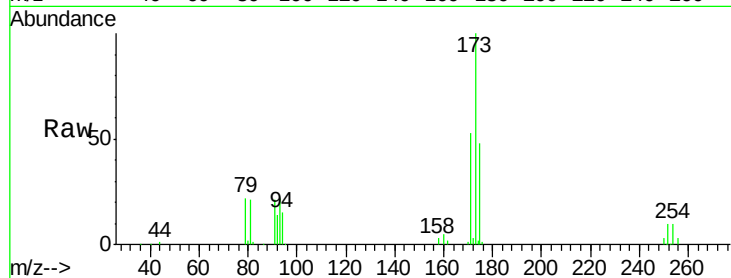
Tgt Ion:173 Resp: 118182

Ion Ratio Lower Upper

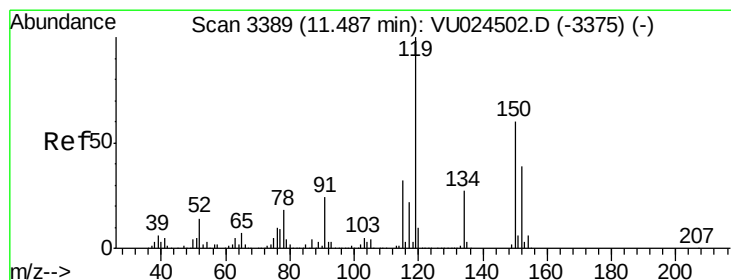
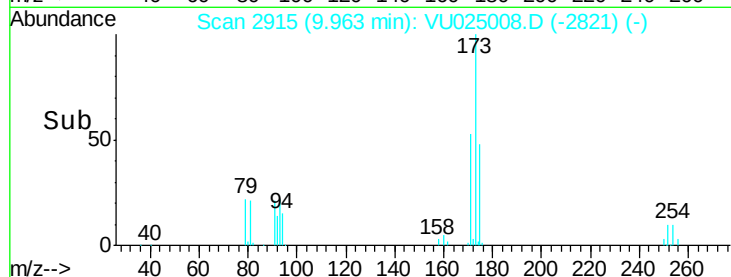
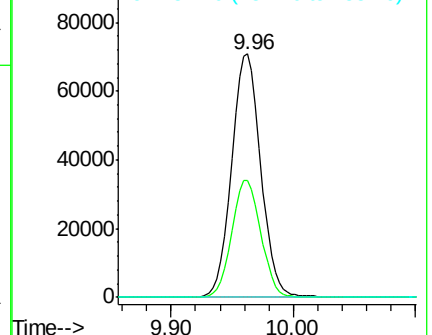
173 100

175 48.1 24.6 74.0

254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.49 min Scan# 3389

Delta R.T. 0.00 min

Lab File: VU025008.D

Acq: 28 Jun 2018 10:01

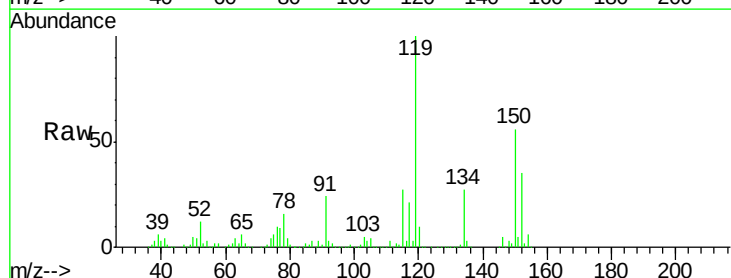
Tgt Ion:152 Resp: 163125

Ion Ratio Lower Upper

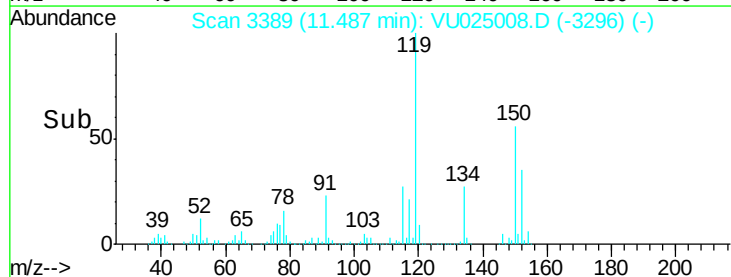
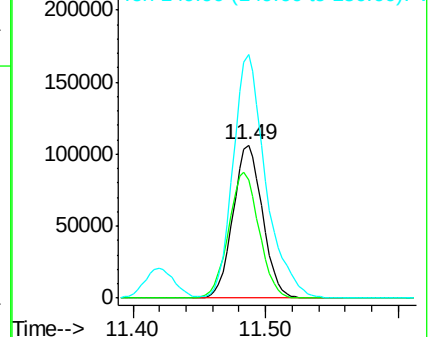
152 100

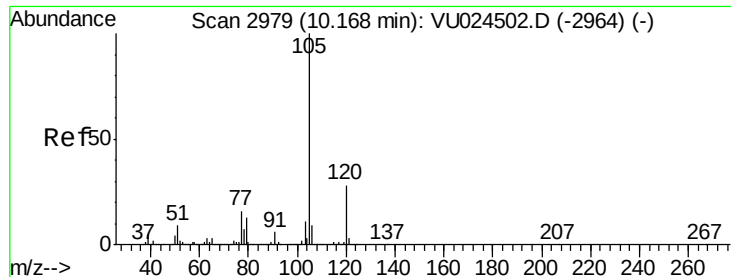
115 85.3 43.0 129.0

150 177.2 0.0 354.0



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 53.564 ug/l

RT: 10.17 min Scan# 2979

Delta R.T. 0.00 min

Lab File: VU025008.D

Acq: 28 Jun 2018 10:01

Instrument :

MSVOA_U

ClientSampleId :

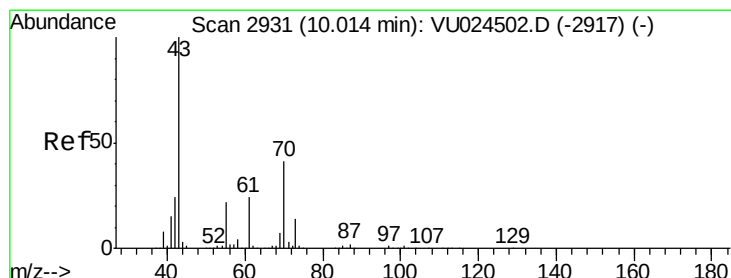
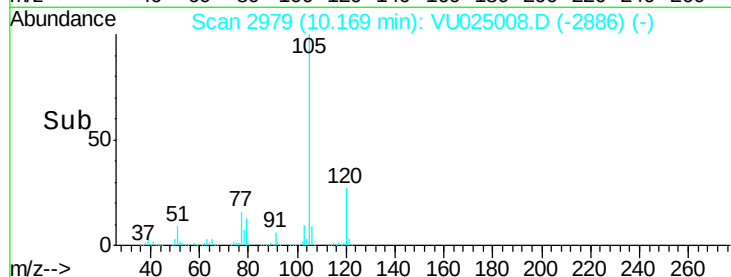
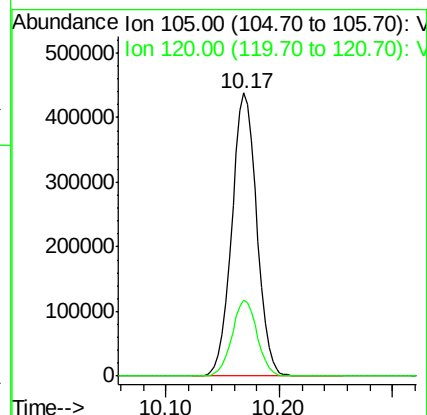
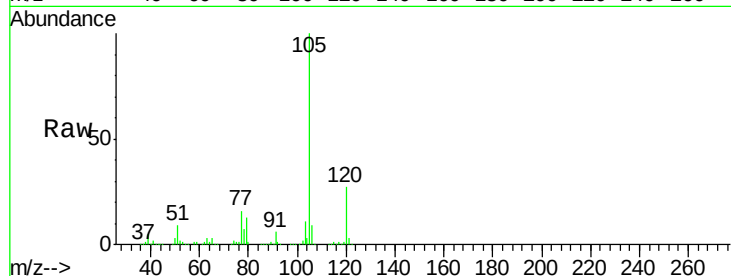
BFB62

Tgt Ion: 105 Resp: 670843

Ion Ratio Lower Upper

105 100

120 27.0 13.2 39.6



#74

N-ethyl acetate

Concen: 46.501 ug/l

RT: 10.01 min Scan# 2931

Delta R.T. 0.00 min

Lab File: VU025008.D

Acq: 28 Jun 2018 10:01

Tgt Ion: 43 Resp: 277009

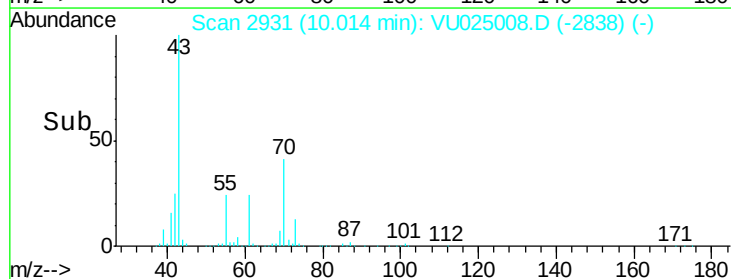
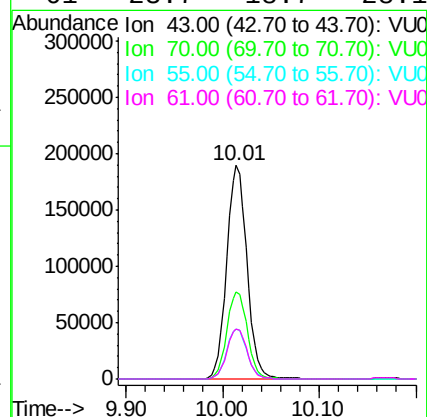
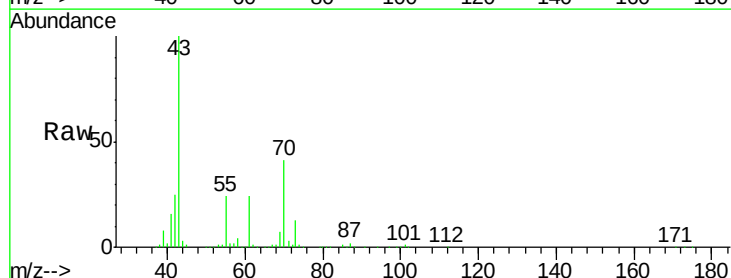
Ion Ratio Lower Upper

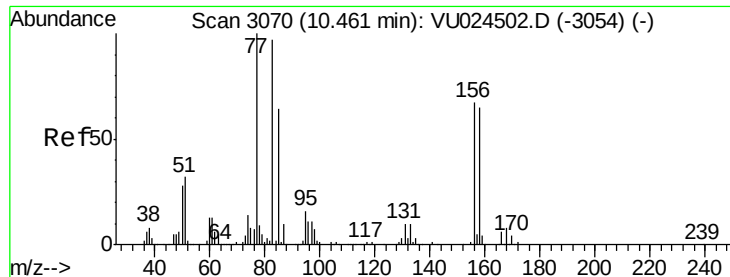
43 100

70 41.3 32.2 48.4

55 23.9 20.5 30.7

61 23.7 18.7 28.1





#75

1,1,2,2-Tetrachloroethane

Concen: 50.562 ug/l

RT: 10.46 min Scan# 3070

Delta R.T. 0.00 min

Lab File: VU025008.D

Acq: 28 Jun 2018 10:01

Instrument :

MSVOA_U

ClientSampleId :

BFB62

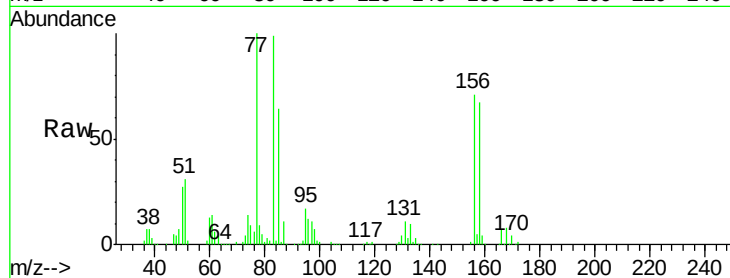
Tgt Ion: 83 Resp: 212203

Ion Ratio Lower Upper

83 100

131 10.7 4.7 14.1

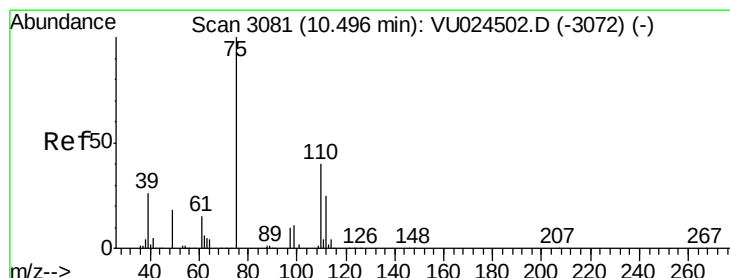
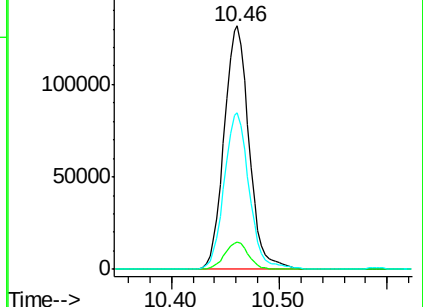
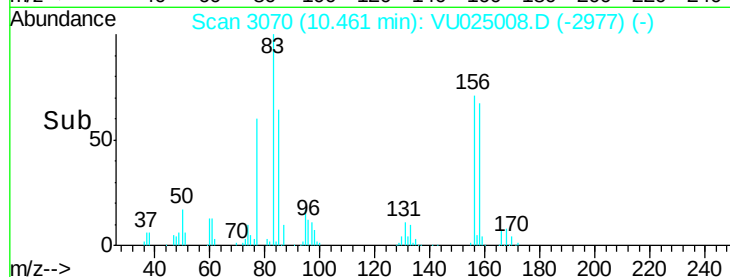
85 64.4 32.5 97.5



Abundance Ion 82.90 (82.60 to 83.60): VU025008.D (-2977) (-)

Ion 130.80 (130.50 to 131.50): VU025008.D (-2977) (-)

Ion 84.90 (84.60 to 85.60): VU025008.D (-2977) (-)



#76

1,2,3-Trichloropropane

Concen: 70.579 ug/l

RT: 10.50 min Scan# 3081

Delta R.T. 0.00 min

Lab File: VU025008.D

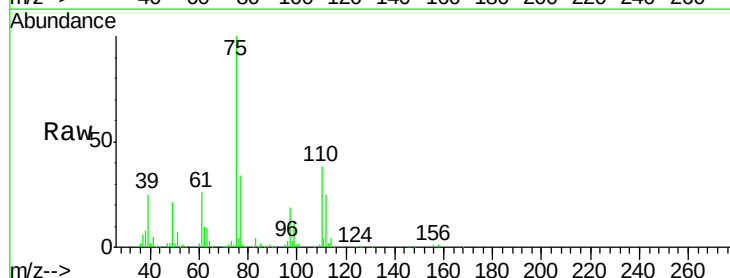
Acq: 28 Jun 2018 10:01

Tgt Ion: 75 Resp: 253479

Ion Ratio Lower Upper

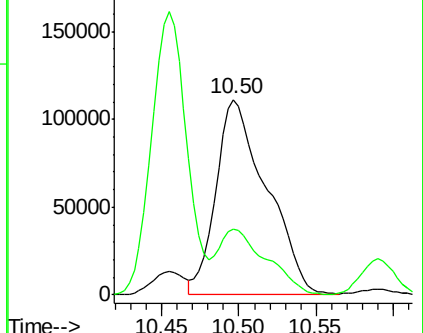
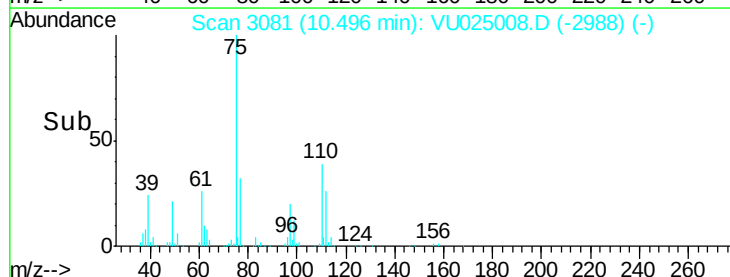
75 100

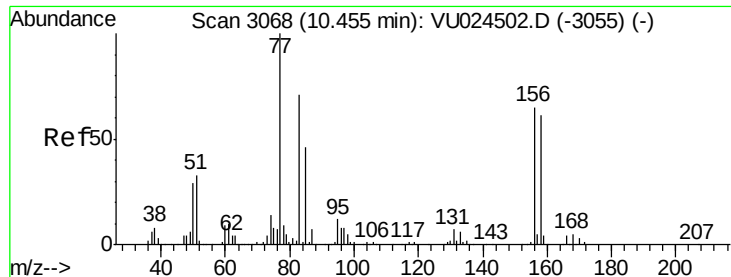
77 32.1 20.9 62.7



Abundance Ion 74.90 (74.60 to 75.60): VU025008.D (-2988) (-)

Ion 77.00 (76.70 to 77.70): VU025008.D (-2988) (-)





#77

Bromobenzene

Concen: 53.397 ug/l

RT: 10.45 min Scan# 3068

Delta R.T. 0.00 min

Lab File: VU025008.D

Acq: 28 Jun 2018 10:01

Instrument :

MSVOA_U

ClientSampleId :

BFB62

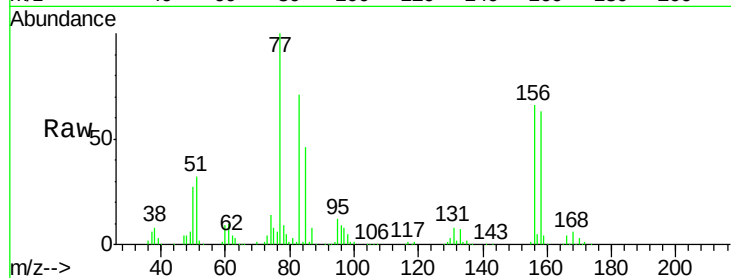
Tgt Ion:156 Resp: 169304

Ion Ratio Lower Upper

156 100

77 151.0 80.5 241.3

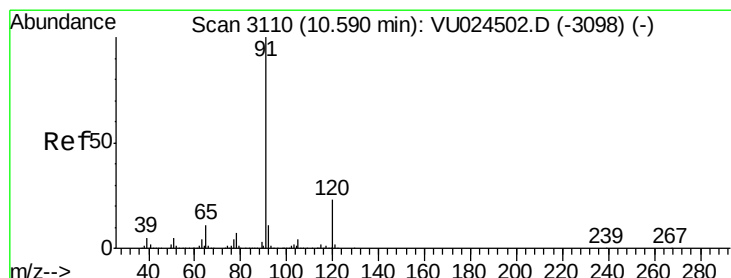
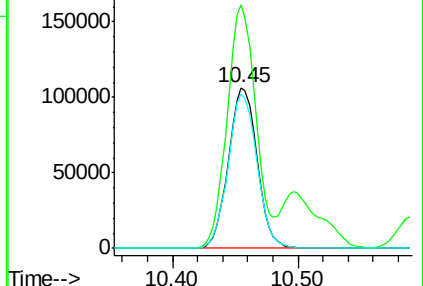
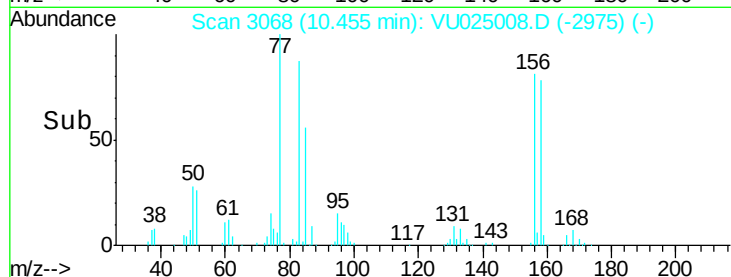
158 96.9 48.2 144.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VU0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 52.402 ug/l

RT: 10.59 min Scan# 3110

Delta R.T. 0.00 min

Lab File: VU025008.D

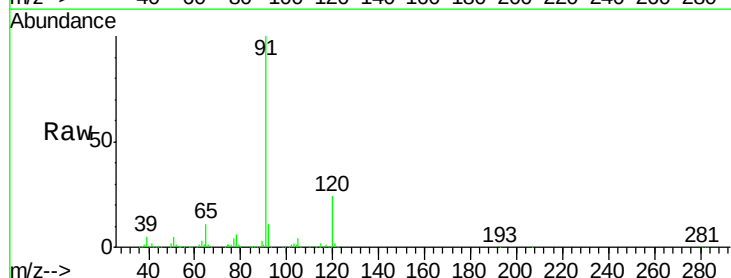
Acq: 28 Jun 2018 10:01

Tgt Ion: 91 Resp: 773094

Ion Ratio Lower Upper

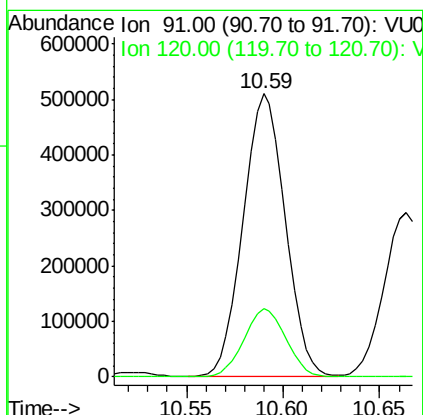
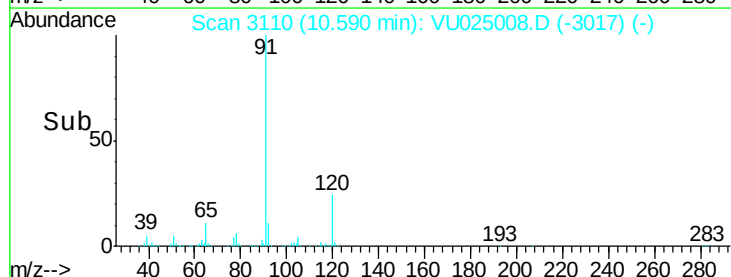
91 100

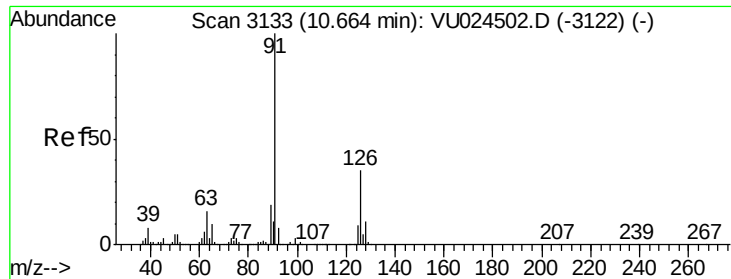
120 24.1 11.2 33.5



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 53.481 ug/l

RT: 10.66 min Scan# 3133

Delta R.T. 0.00 min

Lab File: VU025008.D

Acq: 28 Jun 2018 10:01

Instrument :

MSVOA_U

ClientSampleId :

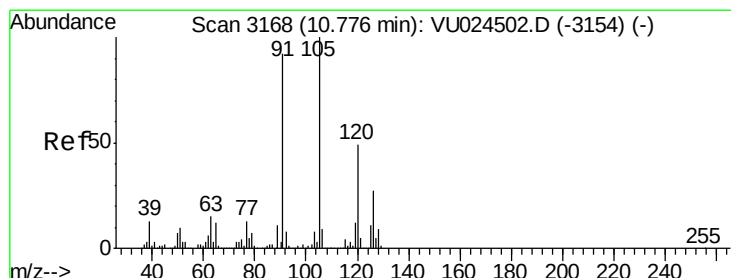
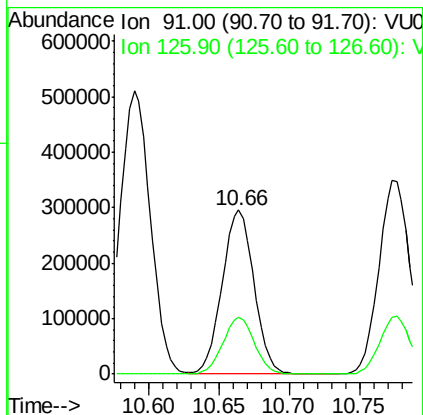
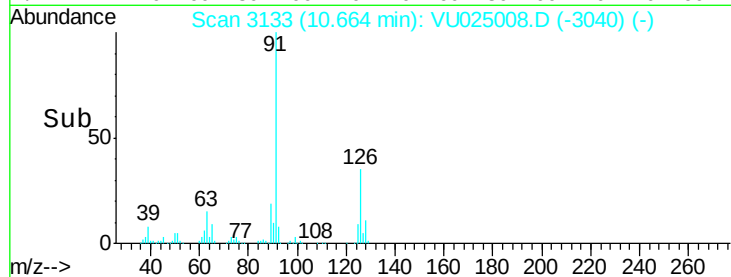
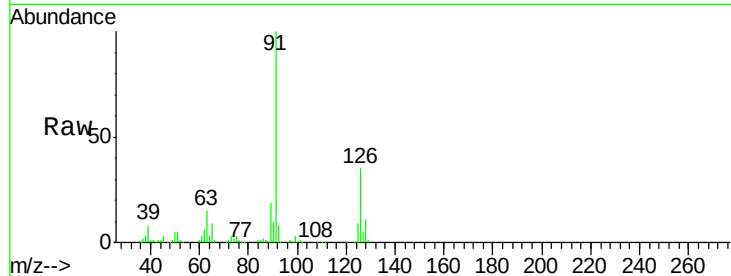
BFB62

Tgt Ion: 91 Resp: 465294

Ion Ratio Lower Upper

91 100

126 34.4 16.9 50.7



#80

1,3,5-Trimethylbenzene

Concen: 54.488 ug/l

RT: 10.78 min Scan# 3168

Delta R.T. 0.00 min

Lab File: VU025008.D

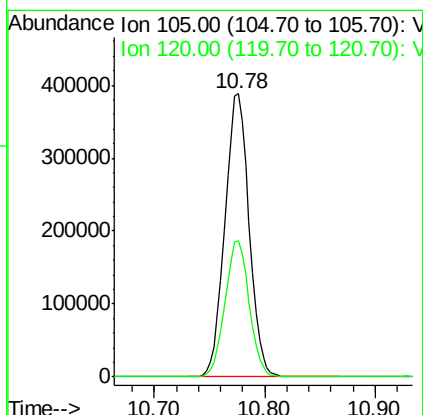
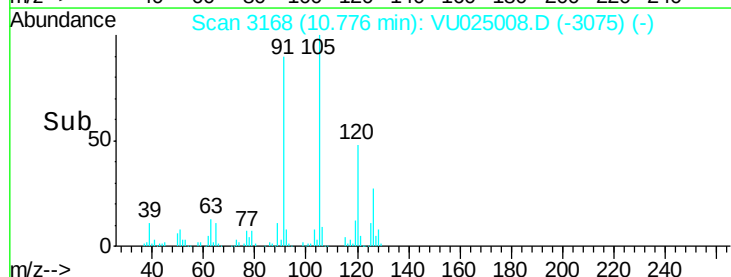
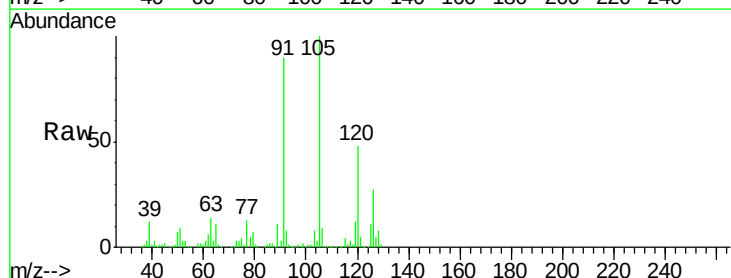
Acq: 28 Jun 2018 10:01

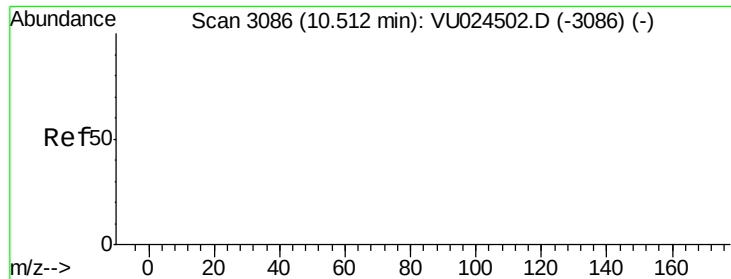
Tgt Ion: 105 Resp: 591476

Ion Ratio Lower Upper

105 100

120 48.1 24.1 72.2

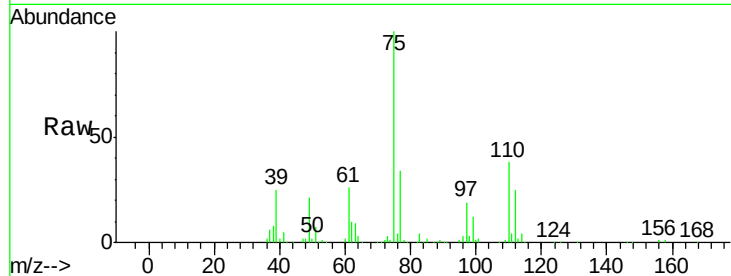




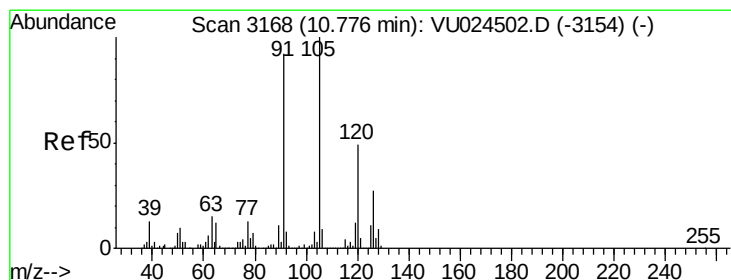
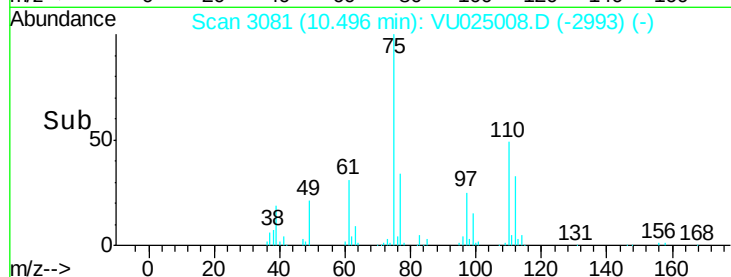
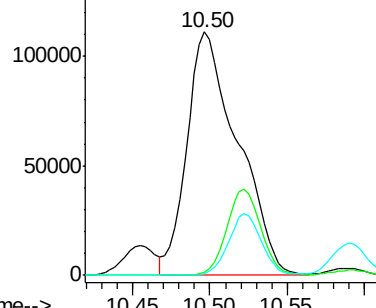
#81
trans-1,4-Dichloro-2-butene
Concen: 163.349 ug/l
RT: 10.50 min Scan# 3081
Delta R.T. -0.02 min
Lab File: VU025008.D
Acq: 28 Jun 2018 10:01

Instrument :
MSVOA_U
ClientSampleId :
BFB62

Tgt Ion: 75 Resp: 253479
Ion Ratio Lower Upper
75 100
53 0.0 0.0 0.0
89 0.0 0.0 0.0

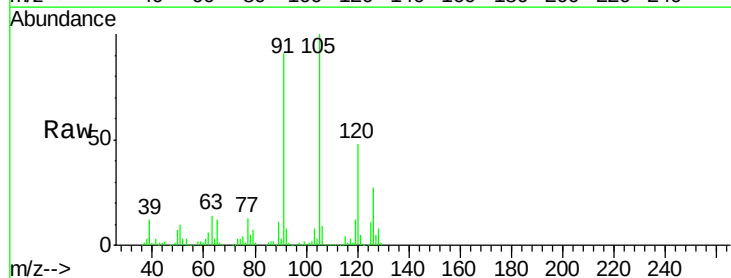


Abundance Ion 74.90 (74.60 to 75.60): VU0
Ion 53.00 (52.70 to 53.70): VU0
Ion 88.90 (88.60 to 89.60): VU0

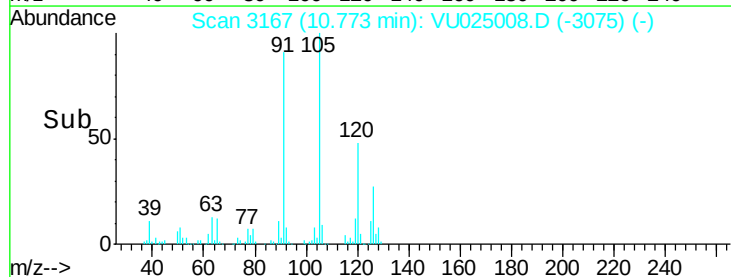
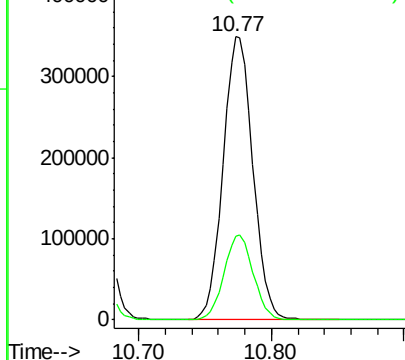


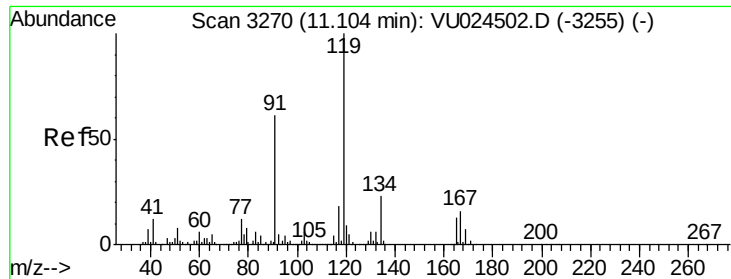
#82
4-Chlorotoluene
Concen: 53.571 ug/l
RT: 10.77 min Scan# 3167
Delta R.T. -0.00 min
Lab File: VU025008.D
Acq: 28 Jun 2018 10:01

Tgt Ion: 91 Resp: 542467
Ion Ratio Lower Upper
91 100
126 29.6 14.9 44.9



Abundance Ion 91.00 (90.70 to 91.70): VU0
Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 55.035 ug/l

RT: 11.10 min Scan# 3270

Delta R.T. 0.00 min

Lab File: VU025008.D

Acq: 28 Jun 2018 10:01

Instrument :

MSVOA_U

ClientSampleId :

BFB62

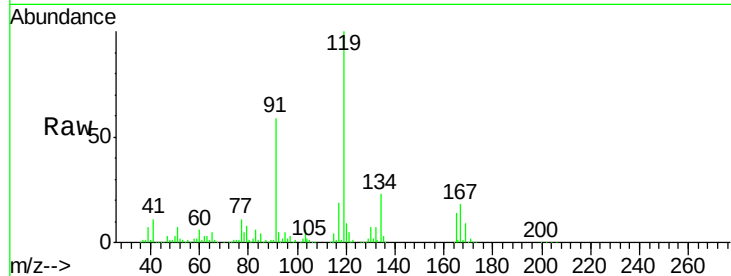
Tgt Ion:119 Resp: 574665

Ion Ratio Lower Upper

119 100

91 59.3 29.7 89.1

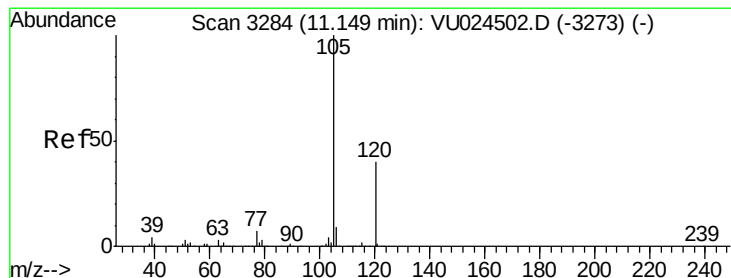
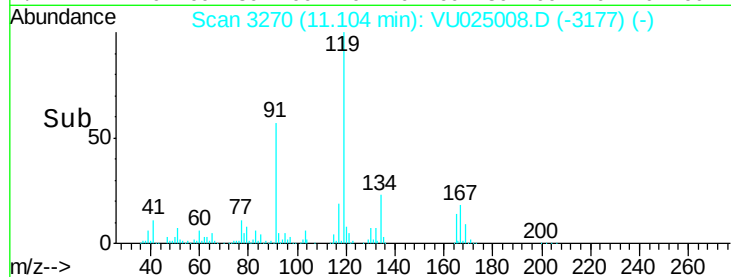
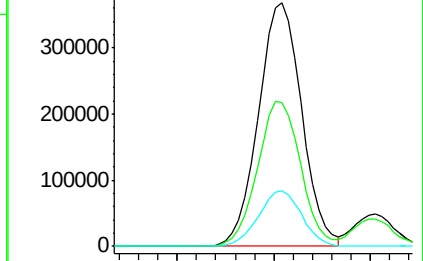
134 22.7 11.6 34.7



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 53.993 ug/l

RT: 11.15 min Scan# 3285

Delta R.T. 0.00 min

Lab File: VU025008.D

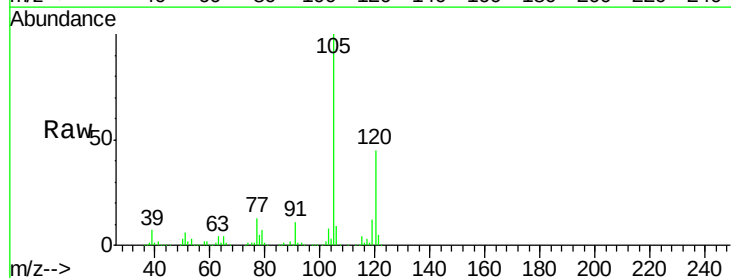
Acq: 28 Jun 2018 10:01

Tgt Ion:105 Resp: 597297

Ion Ratio Lower Upper

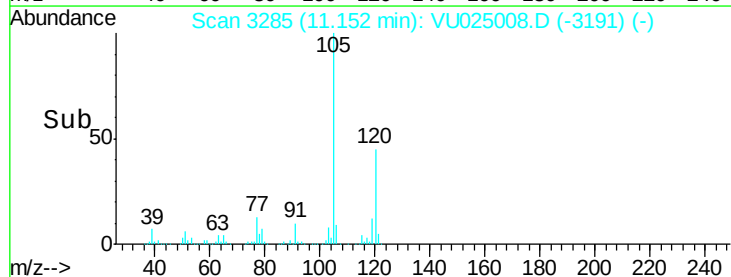
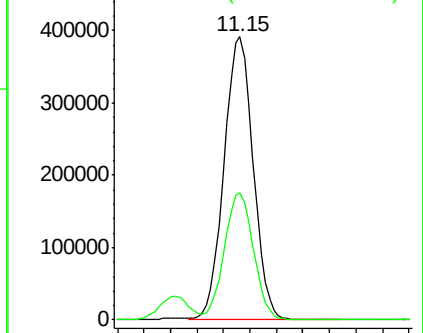
105 100

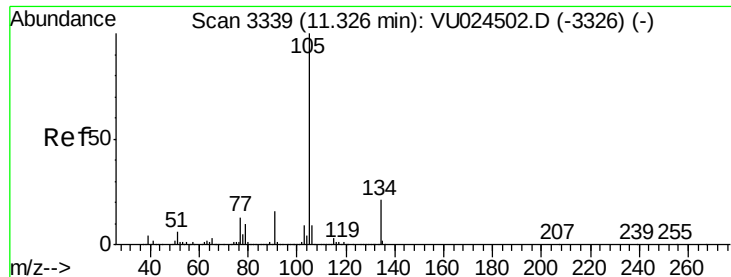
120 45.0 22.6 67.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

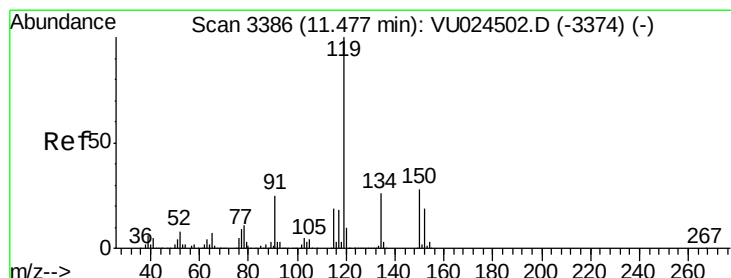
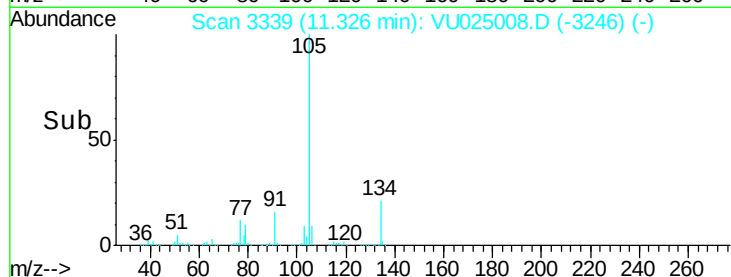
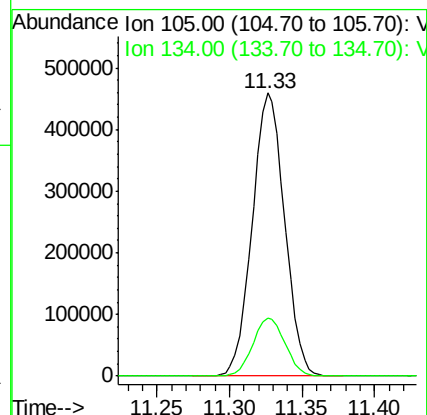
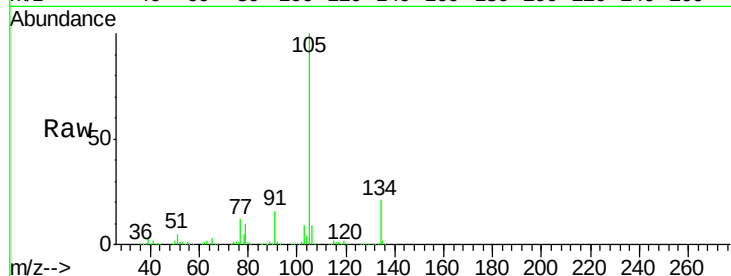




#85
 sec-Butylbenzene
 Concen: 54.495 ug/l
 RT: 11.33 min Scan# 3339
 Delta R.T. 0.00 min
 Lab File: VU025008.D
 Acq: 28 Jun 2018 10:01

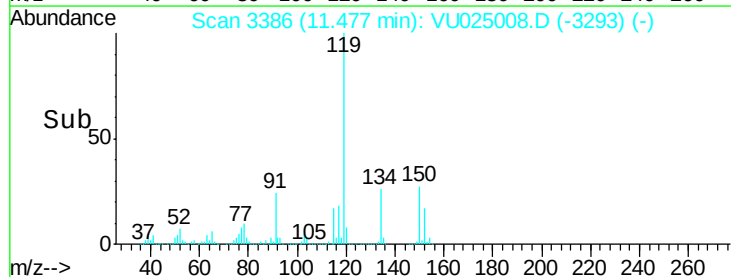
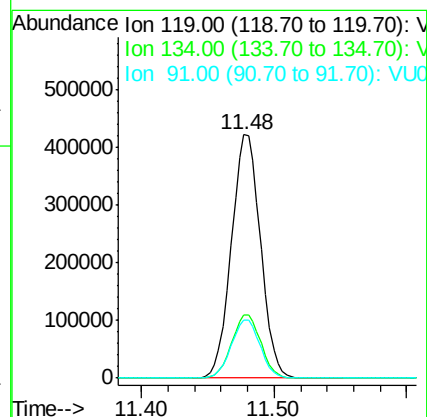
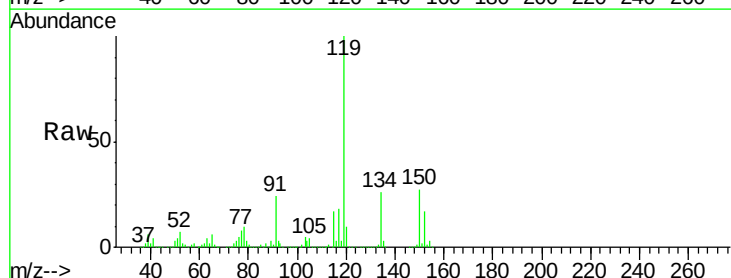
Instrument :
 MSVOA_U
 ClientSampleId :
 BFB62

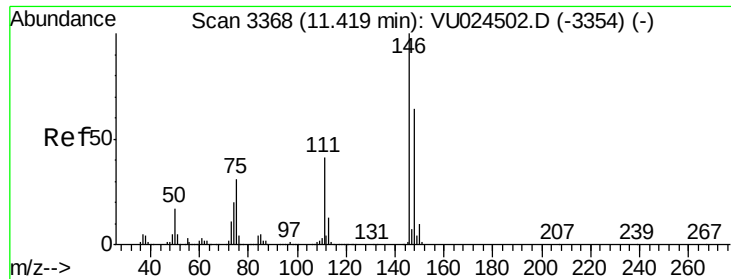
Tgt Ion:105 Resp: 712278
 Ion Ratio Lower Upper
 105 100
 134 20.5 9.7 29.1



#86
 p-Isopropyltoluene
 Concen: 54.808 ug/l
 RT: 11.48 min Scan# 3386
 Delta R.T. 0.00 min
 Lab File: VU025008.D
 Acq: 28 Jun 2018 10:01

Tgt Ion:119 Resp: 641582
 Ion Ratio Lower Upper
 119 100
 134 26.0 12.9 38.6
 91 23.8 12.0 36.1

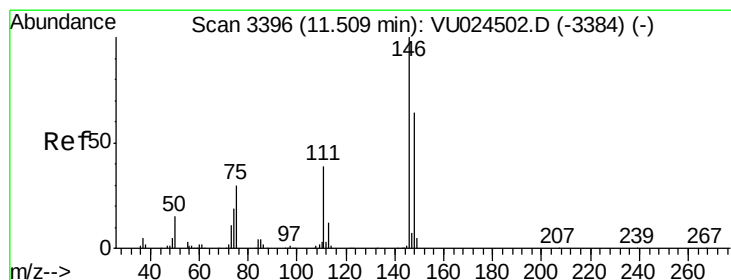
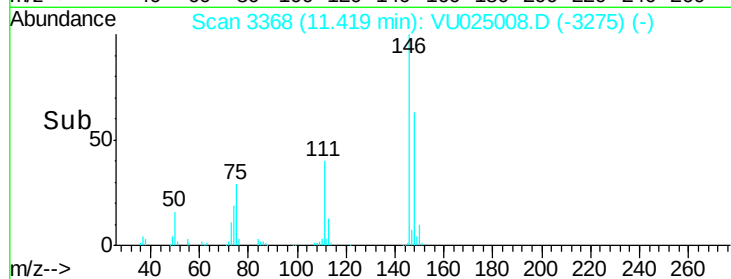
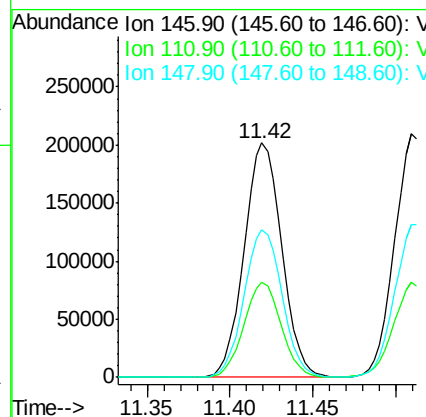
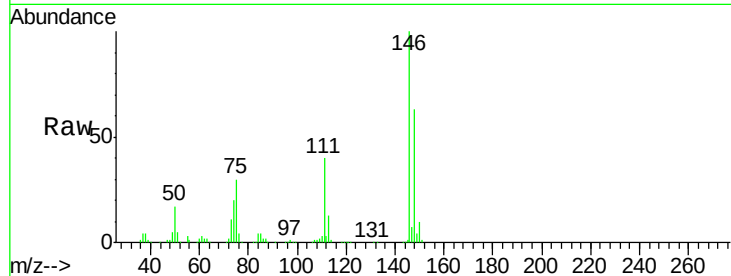




#87
 1,3-Dichlorobenzene
 Concen: 54.273 ug/l
 RT: 11.42 min Scan# 3368
 Delta R.T. 0.00 min
 Lab File: VU025008.D
 Acq: 28 Jun 2018 10:01

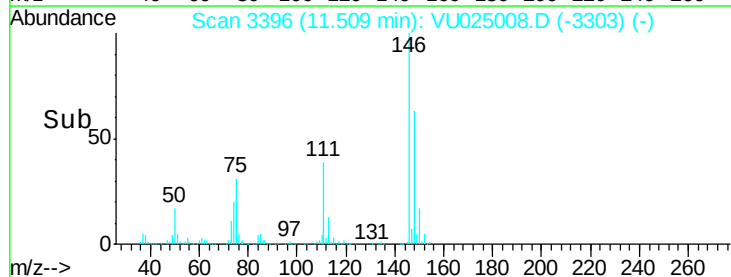
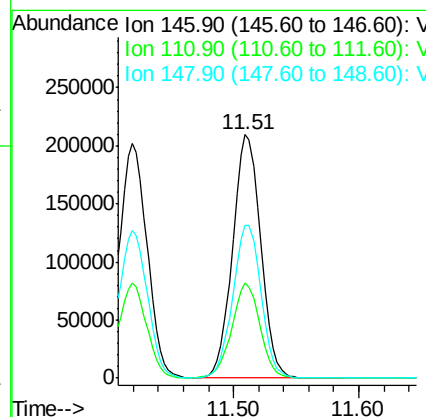
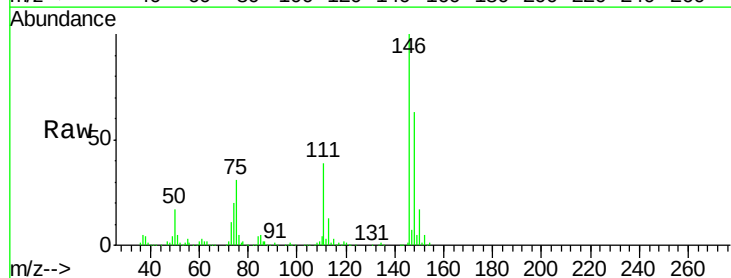
Instrument :
 MSVOA_U
 ClientSampleId :
 BFB62

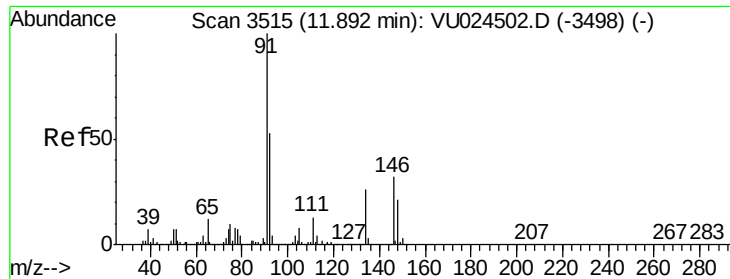
Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.1	20.0	60.0
148	63.6	32.1	96.5



#88
 1,4-Dichlorobenzene
 Concen: 55.099 ug/l
 RT: 11.51 min Scan# 3396
 Delta R.T. 0.00 min
 Lab File: VU025008.D
 Acq: 28 Jun 2018 10:01

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.4	19.5	58.5
148	63.4	32.4	97.0





#89

n-Butylbenzene

Concen: 52.133 ug/l

RT: 11.89 min Scan# 3515

Delta R.T. 0.00 min

Lab File: VU025008.D

Acq: 28 Jun 2018 10:01

Instrument :

MSVOA_U

ClientSampleId :

BFB62

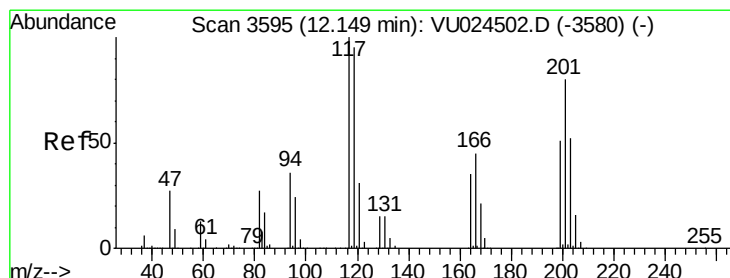
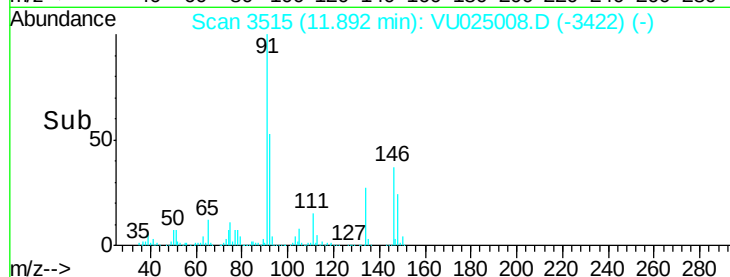
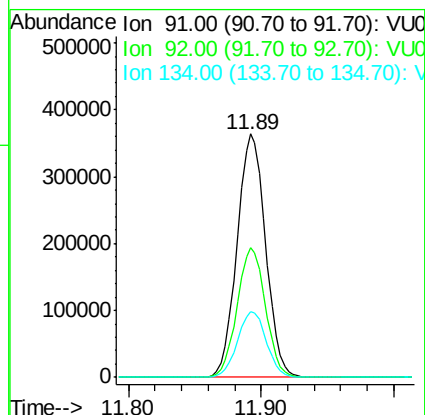
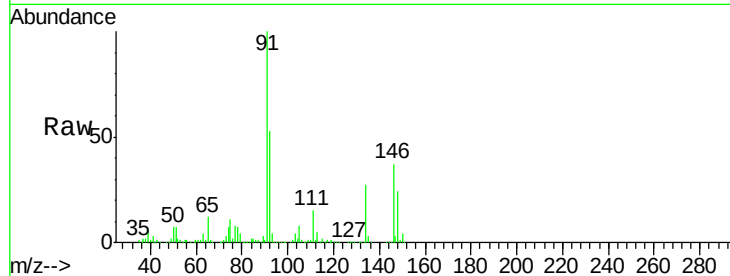
Tgt Ion: 91 Resp: 541805

Ion Ratio Lower Upper

91 100

92 53.1 25.6 76.8

134 27.3 12.3 36.8



#90

Hexachloroethane

Concen: 47.564 ug/l

RT: 12.15 min Scan# 3595

Delta R.T. 0.00 min

Lab File: VU025008.D

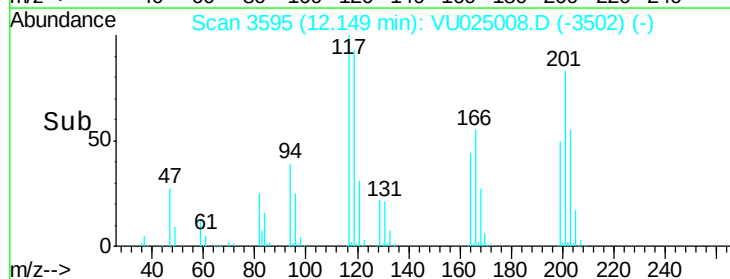
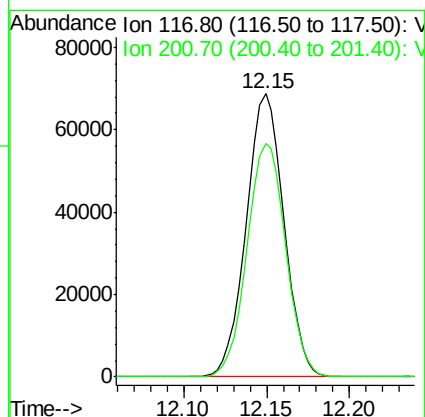
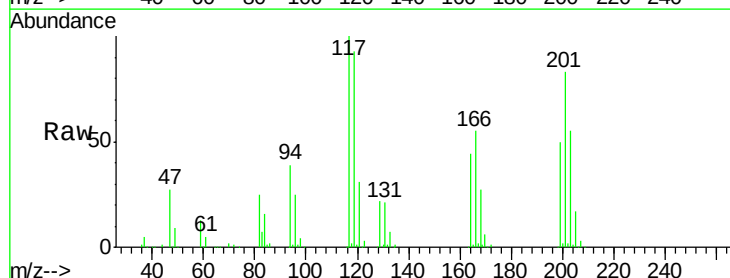
Acq: 28 Jun 2018 10:01

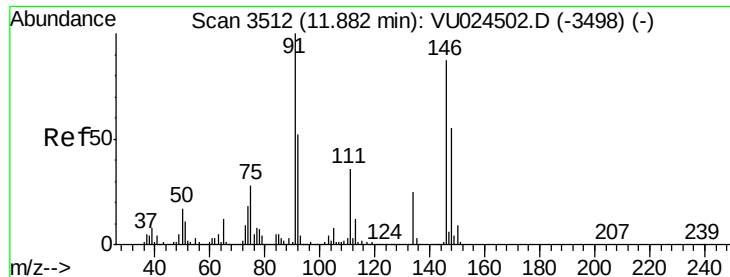
Tgt Ion: 117 Resp: 108617

Ion Ratio Lower Upper

117 100

201 84.6 41.1 123.3

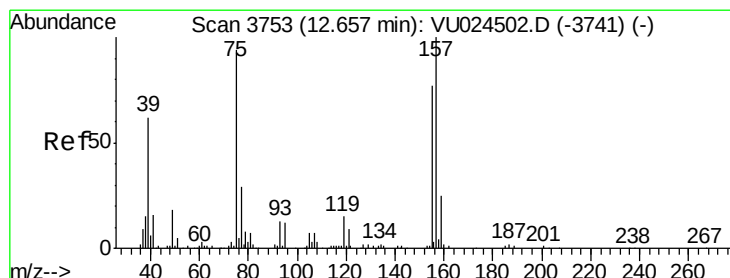
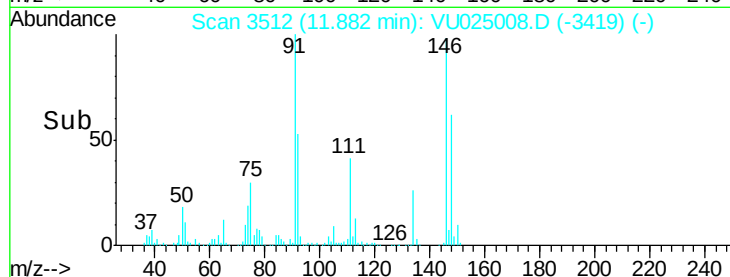
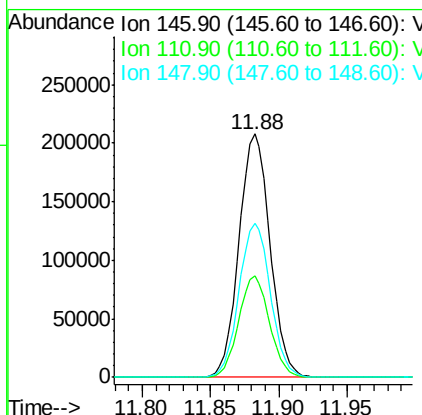
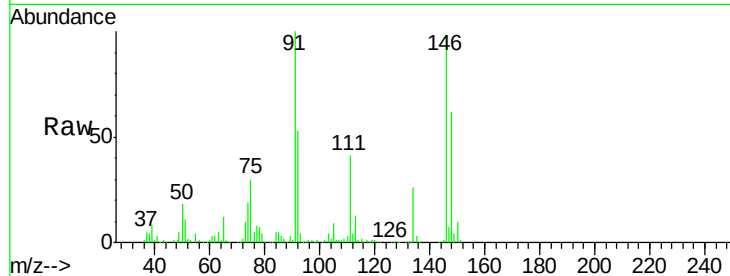




#91
 1,2-Dichlorobenzene
 Concen: 56.050 ug/l
 RT: 11.88 min Scan# 3512
 Delta R.T. 0.00 min
 Lab File: VU025008.D
 Acq: 28 Jun 2018 10:01

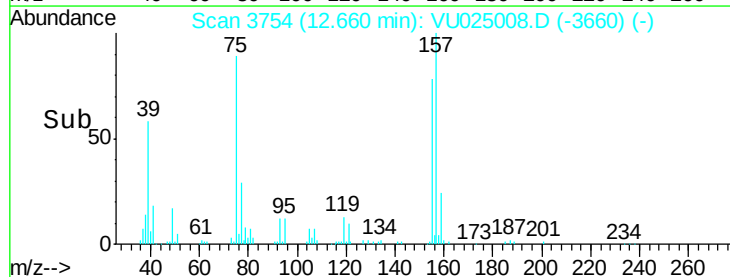
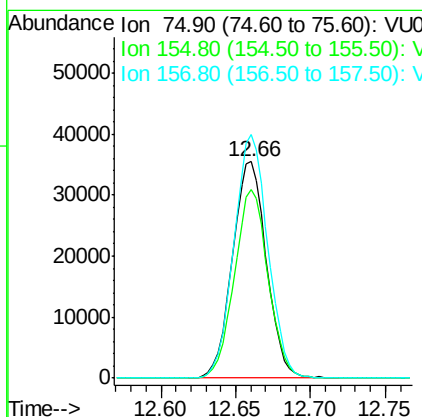
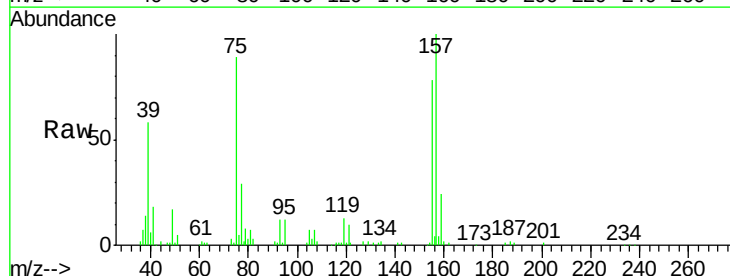
Instrument :
 MSVOA_U
 ClientSampled :
 BFB62

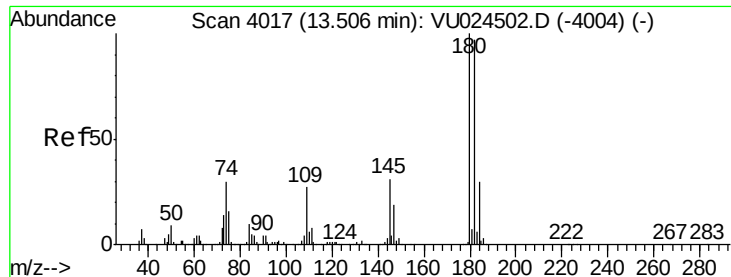
Tgt Ion: 146 Resp: 328859
 Ion Ratio Lower Upper
 146 100
 111 41.3 20.5 61.6
 148 63.9 31.9 95.7



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 48.498 ug/l
 RT: 12.66 min Scan# 3754
 Delta R.T. 0.00 min
 Lab File: VU025008.D
 Acq: 28 Jun 2018 10:01

Tgt Ion: 75 Resp: 56162
 Ion Ratio Lower Upper
 75 100
 155 86.5 40.4 121.2
 157 111.8 52.3 156.8

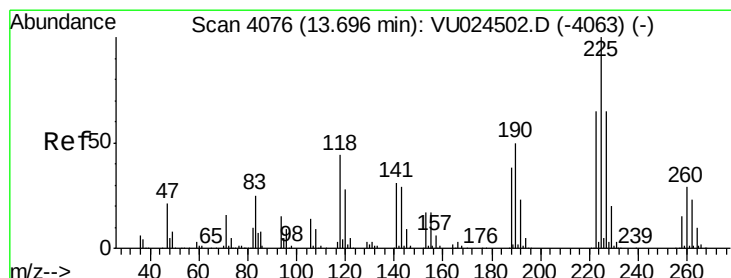
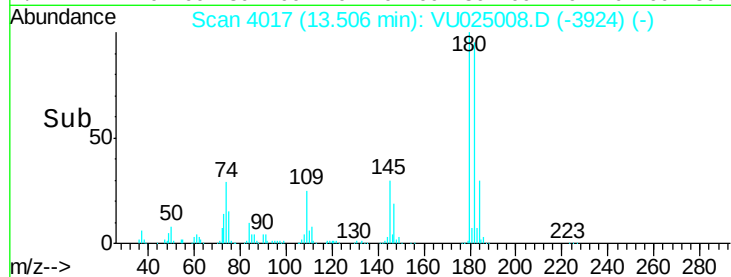
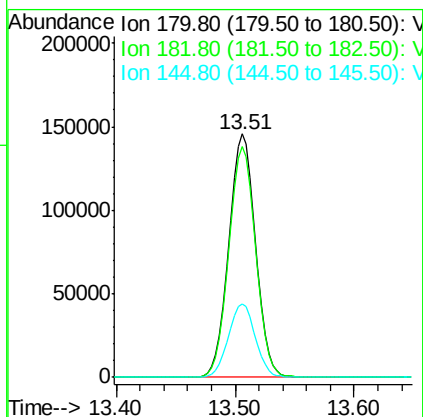
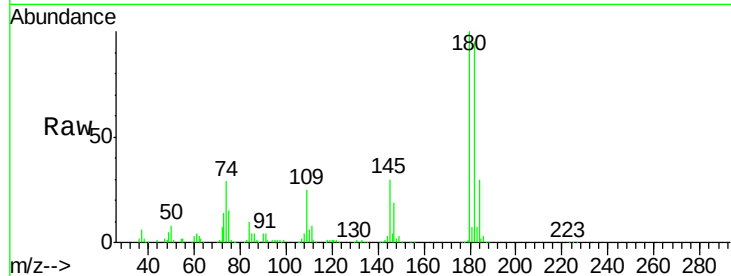




#93
 1,2,4-Trichlorobenzene
 Concen: 62.557 ug/l
 RT: 13.51 min Scan# 4017
 Delta R.T. 0.00 min
 Lab File: VU025008.D
 Acq: 28 Jun 2018 10:01

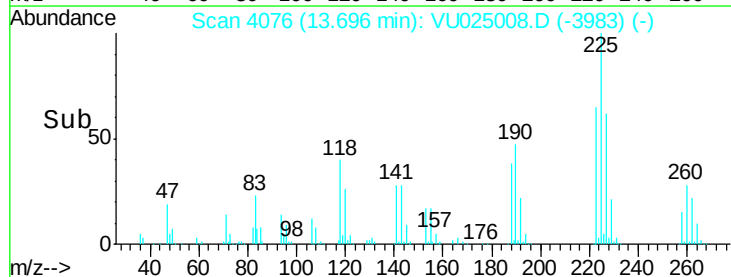
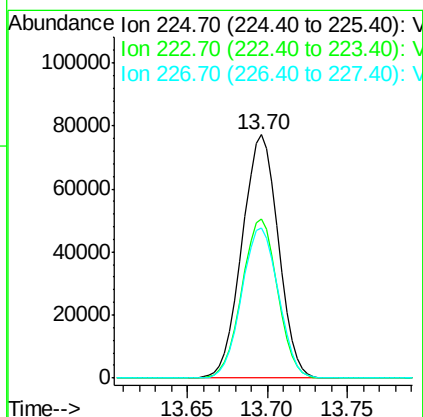
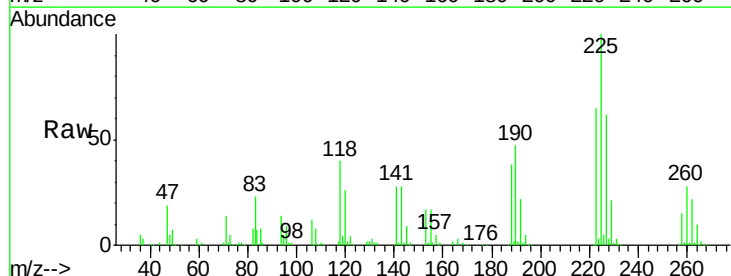
Instrument :
 MSVOA_U
 ClientSampleId :
 BFB62

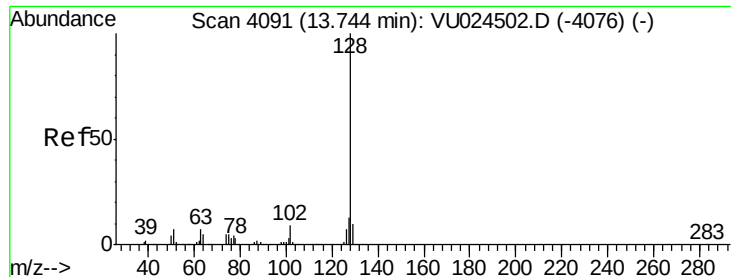
Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.6	48.0	144.2
145	30.5	14.7	44.1



#94
 Hexachlorobutadiene
 Concen: 58.693 ug/l
 RT: 13.70 min Scan# 4076
 Delta R.T. 0.00 min
 Lab File: VU025008.D
 Acq: 28 Jun 2018 10:01

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.0	31.3	93.8
227	62.2	31.8	95.4

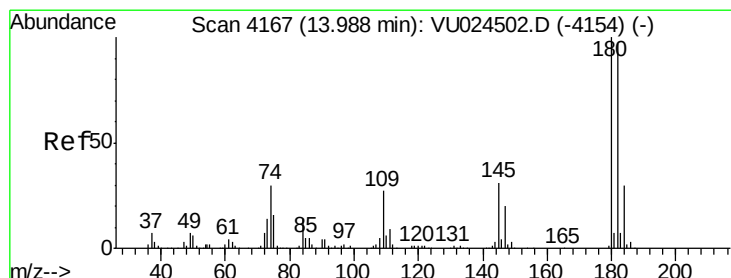
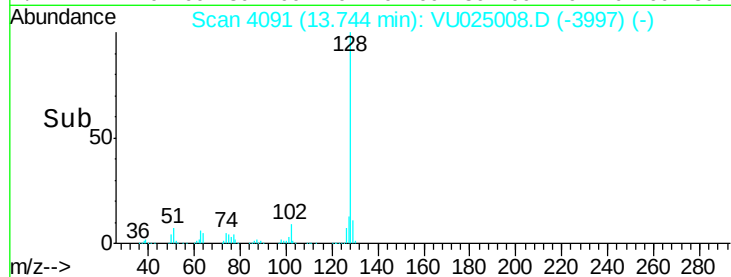
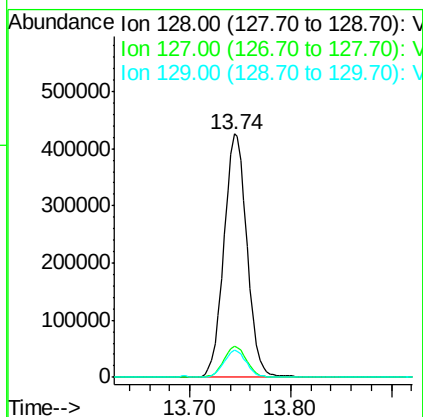
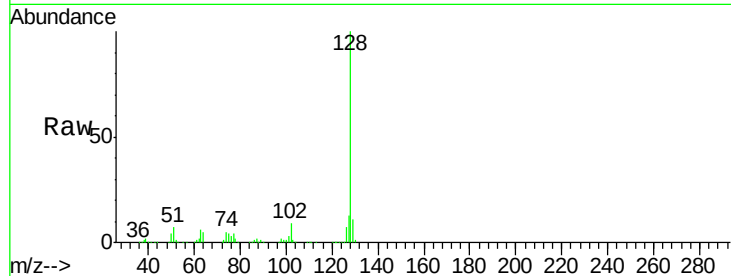




#95
Naphthalene
Concen: 56.680 ug/l
RT: 13.74 min Scan# 4091
Delta R.T. 0.00 min
Lab File: VU025008.D
Acq: 28 Jun 2018 10:01

Instrument :
MSVOA_U
ClientSampled :
BFB62

Tgt Ion:128 Resp: 680963
Ion Ratio Lower Upper
128 100
127 12.9 10.6 16.0
129 11.0 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 63.574 ug/l
RT: 13.99 min Scan# 4168
Delta R.T. 0.00 min
Lab File: VU025008.D
Acq: 28 Jun 2018 10:01

Tgt Ion:180 Resp: 229522
Ion Ratio Lower Upper
180 100
182 95.1 47.9 143.7
145 32.1 15.4 46.1

