

Data File : VU033998.D
Acq On : 28 Aug 2019 02:39
Operator : JC/SP
Sample : VU0828WBS02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 33 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VU0828WBS02

Quant Time: Aug 28 04:11:35 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U082819W.M
Quant Title : SW846 8260
QLast Update : Wed Aug 28 02:42:03 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.96	168	391101	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.86	114	650673	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.07	117	530259	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.47	152	312703	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.29	65	273215	62.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	125.76%	
35) Dibromofluoromethane	4.86	113	219617	50.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.42%	
50) Toluene-d8	7.55	98	844033	52.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.64%	
62) 4-Bromofluorobenzene	10.29	95	295829	47.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.60%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	93512	23.772	ug/l	97
3) Chloromethane	1.32	50	127189	30.222	ug/l	99
4) Vinyl Chloride	1.40	62	121432	30.921	ug/l	100
5) Bromomethane	1.60	94	55414	23.216	ug/l	99
6) Chloroethane	1.68	64	49381	21.119	ug/l	98
7) Trichlorofluoromethane	1.87	101	103242	19.980	ug/l	100
8) Diethyl Ether	2.09	74	42466	21.666	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	2.27	101	72343	21.921	ug/l	97
10) Methyl Iodide	2.40	142	110343	22.327	ug/l	97
11) Tert butyl alcohol	2.81	59	136875	121.622	ug/l #	87
12) 1,1-Dichloroethene	2.27	96	74626	21.665	ug/l	91
13) Acrolein	2.18	56	34233	95.783	ug/l	97
14) Allyl chloride	2.58	41	143332	23.502	ug/l	91
15) Acrylonitrile	2.92	53	299661	131.715	ug/l	99
16) Acetone	2.31	43	250637	120.512	ug/l	97
17) Carbon Disulfide	2.46	76	267731	23.670	ug/l	99
18) Methyl Acetate	2.60	43	146733	28.645	ug/l	94
19) Methyl tert-butyl Ether	2.98	73	286912	24.796	ug/l	98
20) Methylene Chloride	2.68	84	101508	23.005	ug/l	89
21) trans-1,2-Dichloroethene	2.96	96	91878	23.395	ug/l	90
22) Diisopropyl ether	3.55	45	318067	28.385	ug/l	97
23) Vinyl Acetate	3.50	43	1317177	138.362	ug/l	96
24) 1,1-Dichloroethane	3.42	63	178972	25.510	ug/l	99
25) 2-Butanone	4.24	43	402423	134.985	ug/l	93
26) 2,2-Dichloropropane	4.20	77	109212	18.410	ug/l	100
27) cis-1,2-Dichloroethene	4.20	96	102464	23.307	ug/l	95
28) Bromochloromethane	4.52	49	90509	28.039	ug/l	83
29) Tetrahydrofuran	4.61	42	257468	138.075	ug/l	93
30) Chloroform	4.65	83	174273	24.259	ug/l	99
31) Cyclohexane	4.97	56	164666	25.703	ug/l	95
32) 1,1,1-Trichloroethane	4.89	97	144405	23.877	ug/l	95
36) 1,1-Dichloropropene	5.11	75	127386	21.375	ug/l	97
37) Ethyl Acetate	4.36	43	147079	24.606	ug/l	97
38) Carbon Tetrachloride	5.11	117	124155	20.442	ug/l	94

Data File : VU033998.D
Acq On : 28 Aug 2019 02:39
Operator : JC/SP
Sample : VU0828WBS02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 33 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VU0828WBS02

Quant Time: Aug 28 04:11:35 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U082819W.M
Quant Title : SW846 8260
QLast Update : Wed Aug 28 02:42:03 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.40	83	140622	19.941	ug/l	93
40) Benzene	5.37	78	391249	22.081	ug/l	100
41) Methacrylonitrile	4.52	41	77802	25.118	ug/l	94
42) 1,2-Dichloroethane	5.38	62	142235	23.738	ug/l	96
43) Isopropyl Acetate	5.53	43	225176	24.569	ug/l	95
44) Trichloroethene	6.17	130	97202	19.239	ug/l	91
45) 1,2-Dichloropropane	6.41	63	109487	23.096	ug/l	96
46) Dibromomethane	6.54	93	70909	21.995	ug/l	90
47) Bromodichloromethane	6.74	83	135598	22.083	ug/l	96
48) Methyl methacrylate	6.60	41	105511	24.213	ug/l	93
49) 1,4-Dioxane	6.59	88	50231	420.022	ug/l #	94
51) 4-Methyl-2-Pentanone	7.44	43	782424	123.817	ug/l	95
52) Toluene	7.62	92	241666	21.630	ug/l	99
53) t-1,3-Dichloropropene	7.86	75	141008	20.766	ug/l	99
54) cis-1,3-Dichloropropene	7.25	75	155855	21.233	ug/l	95
55) 1,1,2-Trichloroethane	8.05	97	99032	20.977	ug/l	97
56) Ethyl methacrylate	8.00	69	143546	20.832	ug/l	92
57) 1,3-Dichloropropane	8.22	76	171995	22.355	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.11	63	259171	103.775	ug/l	93
59) 2-Hexanone	8.34	43	594221	122.339	ug/l	93
60) Dibromochloromethane	8.46	129	103326	19.463	ug/l	100
61) 1,2-Dibromoethane	8.57	107	104431	20.945	ug/l	100
64) Tetrachloroethene	8.21	164	86340	20.251	ug/l	91
65) Chlorobenzene	9.10	112	217822	19.949	ug/l	98
66) 1,1,1,2-Tetrachloroethane	9.19	131	81065	19.913	ug/l	99
67) Ethyl Benzene	9.23	91	370958	20.376	ug/l	100
68) m/p-Xylenes	9.36	106	296399	42.215	ug/l	97
69) o-Xylene	9.76	106	155297	23.135	ug/l	96
70) Styrene	9.77	104	271436	23.626	ug/l	97
71) Bromoform	9.94	173	74282	20.613	ug/l #	99
73) Isopropylbenzene	10.15	105	398620	19.807	ug/l	99
74) N-amyl acetate	10.00	43	190663	25.238	ug/l	96
75) 1,1,2,2-Tetrachloroethane	10.44	83	150657	20.784	ug/l	99
76) 1,2,3-Trichloropropane	10.48	75	166353	26.699	ug/l	84
77) Bromobenzene	10.43	156	107515	18.905	ug/l	94
78) n-propylbenzene	10.57	91	508987	22.301	ug/l	98
79) 2-Chlorotoluene	10.64	91	315379	22.900	ug/l	95
80) 1,3,5-Trimethylbenzene	10.76	105	380187	22.057	ug/l	99
81) trans-1,4-Dichloro-2-buten	10.48	75	166353	76.473	ug/l #	100
82) 4-Chlorotoluene	10.76	91	350896	22.010	ug/l	98
83) tert-Butylbenzene	11.08	119	350421	20.943	ug/l	97
84) 1,2,4-Trimethylbenzene	11.13	105	375632	22.198	ug/l	98
85) sec-Butylbenzene	11.30	105	435385	21.803	ug/l	98
86) p-Isopropyltoluene	11.46	119	387500	20.732	ug/l	98
87) 1,3-Dichlorobenzene	11.40	146	197705	19.596	ug/l	97
88) 1,4-Dichlorobenzene	11.49	146	197074	19.354	ug/l	97
89) n-Butylbenzene	11.87	91	333097	21.323	ug/l	97
90) Hexachloroethane	12.12	117	65743	21.265	ug/l	87
91) 1,2-Dichlorobenzene	11.86	146	196097	19.746	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.64	75	34165	23.531	ug/l	82

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU082819\
Quantitation Report (Not Reviewed)

Data File : VU033998.D
Acq On : 28 Aug 2019 02:39
Operator : JC/SP
Sample : VU0828WBS02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 33 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VU0828WBS02

Quant Time: Aug 28 04:11:35 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U082819W.M
Quant Title : SW846 8260
QLast Update : Wed Aug 28 02:42:03 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.49	180	114436	17.554	ug/l	97
94) Hexachlorobutadiene	13.67	225	71126	17.470	ug/l	97
95) Naphthalene	13.73	128	313543	17.650	ug/l	99
96) 1,2,3-Trichlorobenzene	13.97	180	118673	18.700	ug/l	97

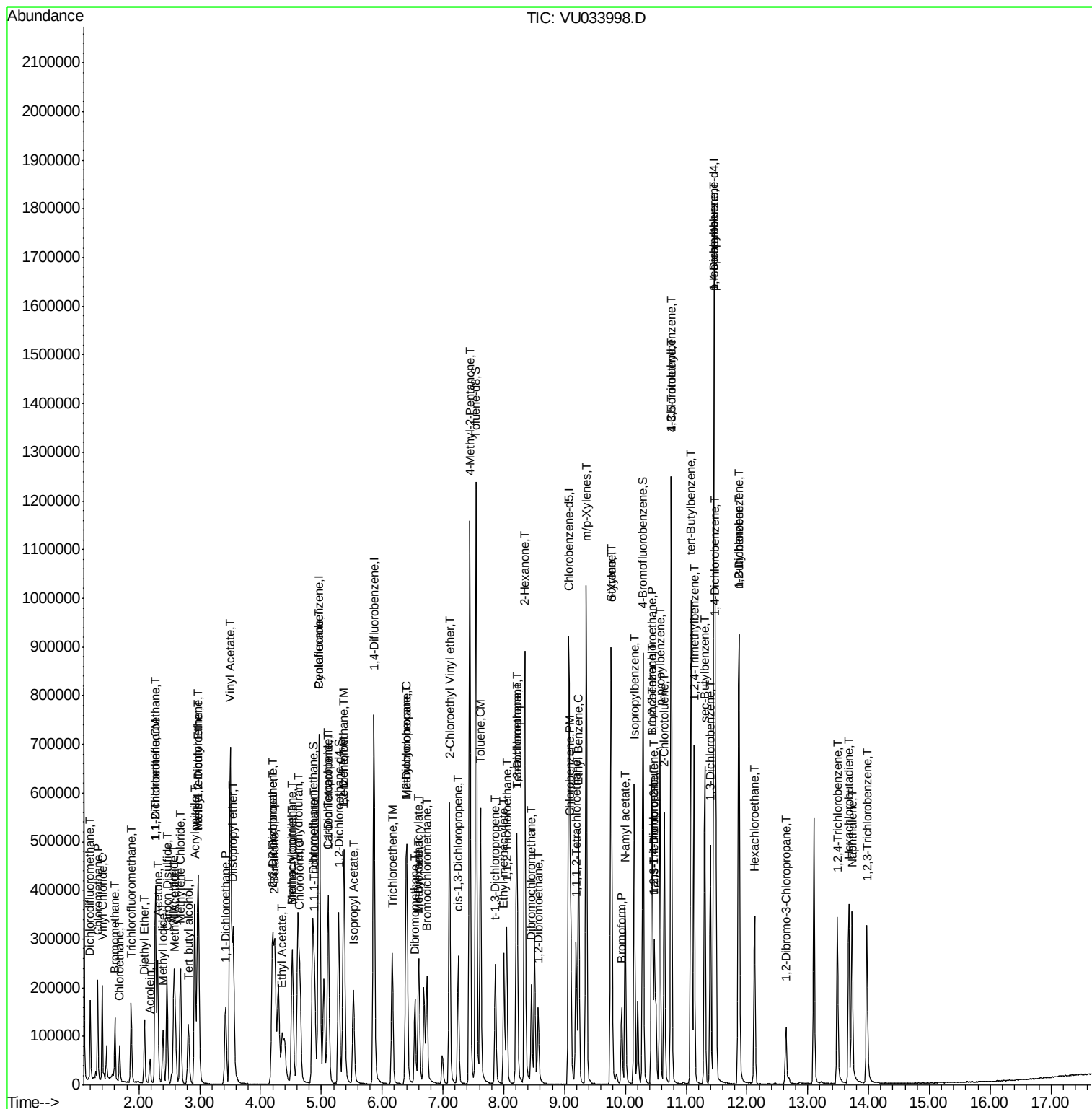
(#) = qualifier out of range (m) = manual integration (+) = signals summed

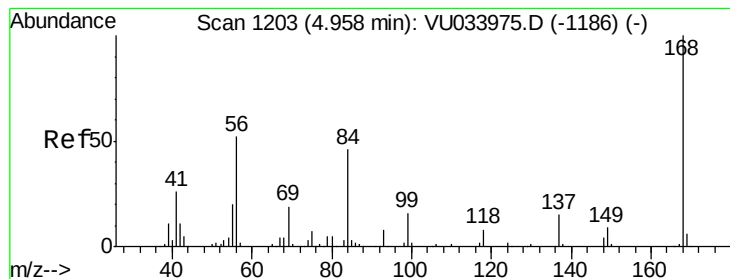
Data File : VU033998.D

Acq On : 28 Aug 2019 02:39
Operator : JC/SP
Sample : VU0828WBS02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 33 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VU0828WBS02

Quant Time: Aug 28 04:11:35 2019
Quant Method : Z:\VQASRV\HPCHEM1\MSVOA_U\METHOD\82U082819W.M
Quant Title : SW846 8260
QLast Update : Wed Aug 28 02:42:03 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.96 min Scan# 1204

Delta R.T. 0.00 min

Lab File: VU033998.D

Acq: 28 Aug 2019 02:39

Instrument :

MSVOA_U

ClientSampleId :

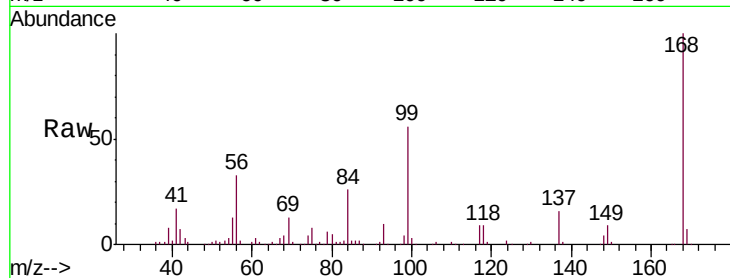
VU0828WBS02

Tgt Ion:168 Resp: 391101

Ion Ratio Lower Upper

168 100

99 55.2 39.4 59.2



Abundance Ion 167.90 (167.60 to 168.60): VU033998.D (-1186) (-)

Ion 98.90 (98.60 to 99.60): VU033998.D (-1186) (-)

4.96

150000

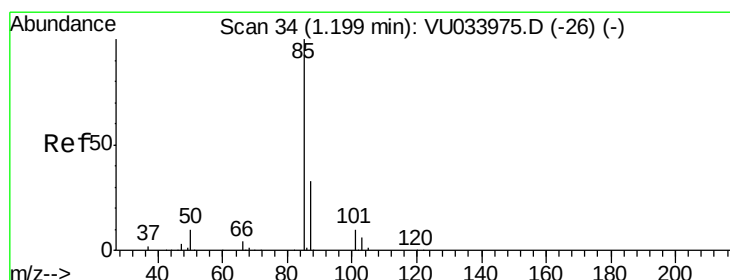
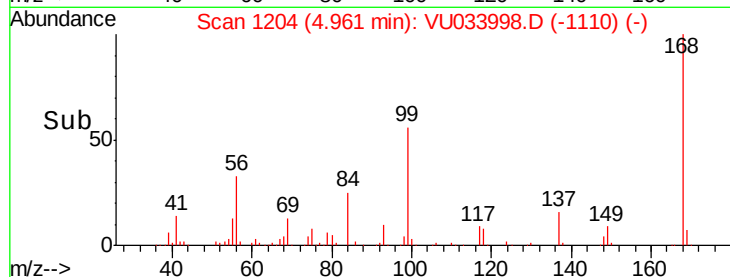
100000

50000

0

4.90 5.00 5.10

Time-->



#2

Dichlorodifluoromethane

Concen: 23.772 ug/l

RT: 1.20 min Scan# 34

Delta R.T. -0.00 min

Lab File: VU033998.D

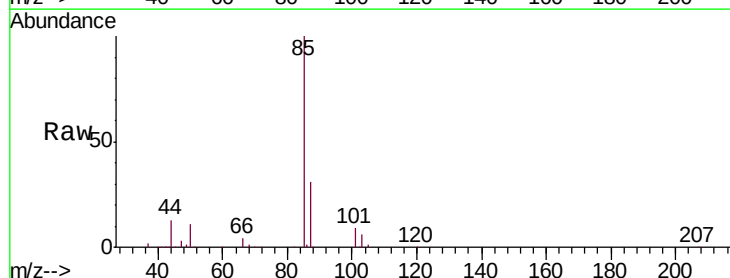
Acq: 28 Aug 2019 02:39

Tgt Ion: 85 Resp: 93512

Ion Ratio Lower Upper

85 100

87 31.1 16.4 49.2



Abundance Ion 84.90 (84.60 to 85.60): VU033998.D (-1) (-)

Ion 86.90 (86.60 to 87.60): VU033998.D (-1) (-)

1.20

100000

80000

60000

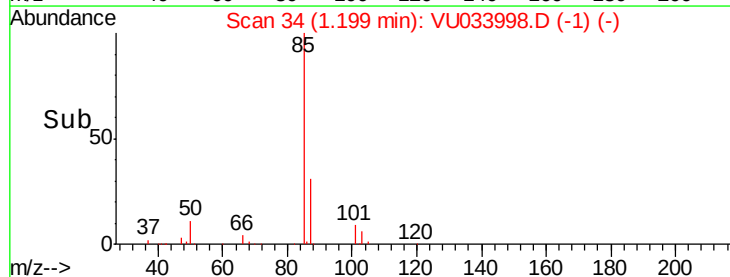
40000

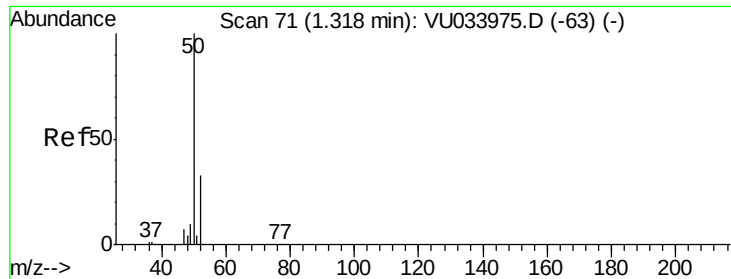
20000

0

1.15 1.20 1.25

Time-->





#3

Chloromethane

Concen: 30.222 ug/l

RT: 1.32 min Scan# 72

Delta R.T. 0.00 min

Lab File: VU033998.D

Acq: 28 Aug 2019 02:39

Instrument :

MSVOA_U

ClientSampleId :

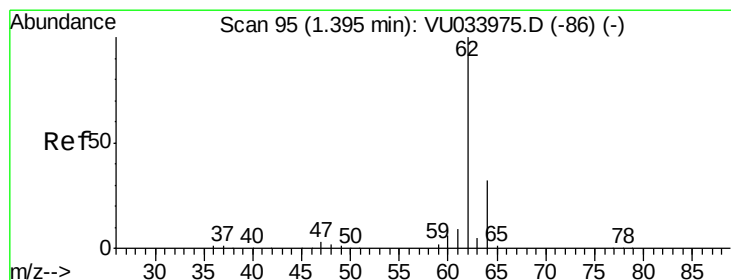
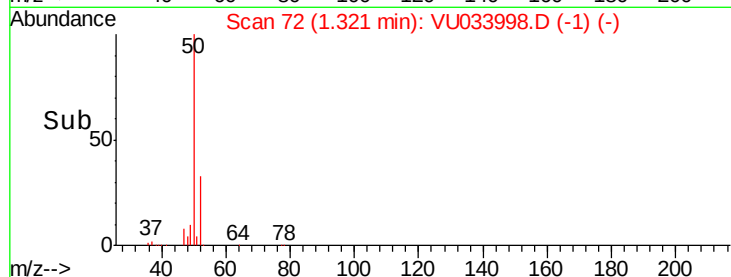
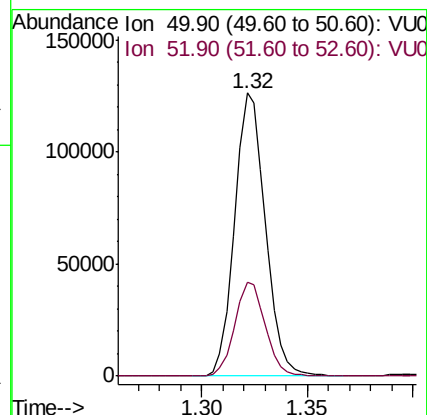
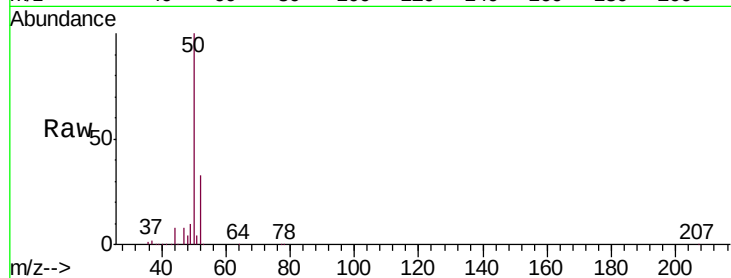
VU0828WBS02

Tgt Ion: 50 Resp: 127189

Ion Ratio Lower Upper

50 100

52 33.2 26.2 39.2



#4

Vinyl Chloride

Concen: 30.921 ug/l

RT: 1.40 min Scan# 95

Delta R.T. -0.00 min

Lab File: VU033998.D

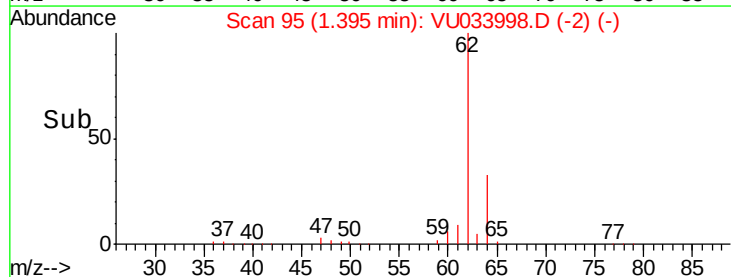
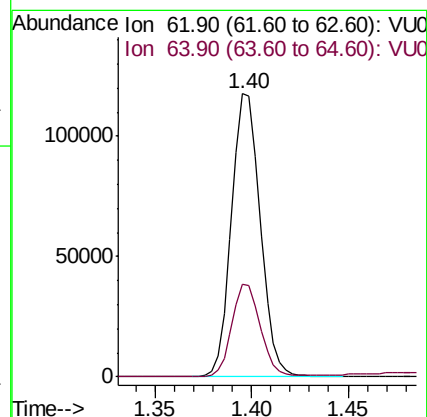
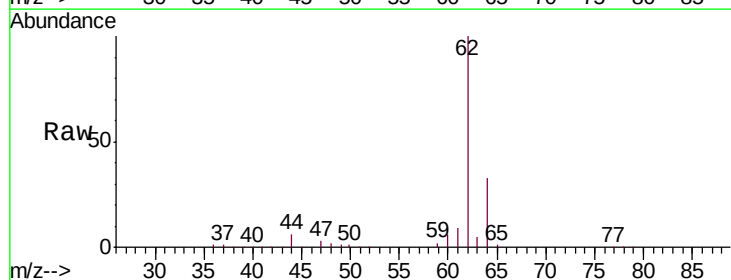
Acq: 28 Aug 2019 02:39

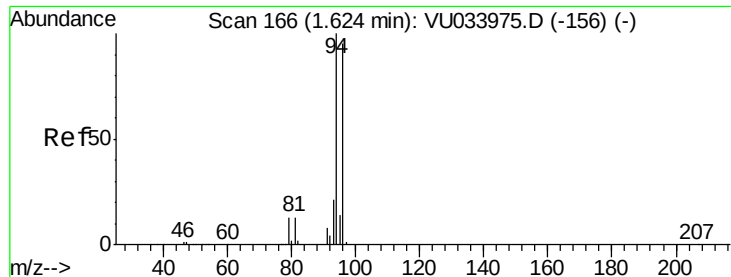
Tgt Ion: 62 Resp: 121432

Ion Ratio Lower Upper

62 100

64 32.4 25.9 38.9





#5

Bromomethane

Concen: 23.216 ug/l

RT: 1.60 min Scan# 160

Delta R.T. -0.02 min

Lab File: VU033998.D

Acq: 28 Aug 2019 02:39

Instrument :

MSVOA_U

ClientSampleId :

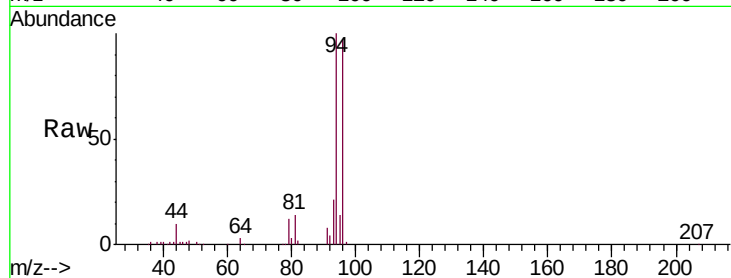
VU0828WBS02

Tgt Ion: 94 Resp: 55414

Ion Ratio Lower Upper

94 100

96 96.8 76.3 114.5



Abundance Ion 93.90 (93.60 to 94.60): VU033998.D (-93) (-)

Ion 95.90 (95.60 to 96.60): VU033998.D (-95) (-)

1.60

50000

40000

30000

20000

10000

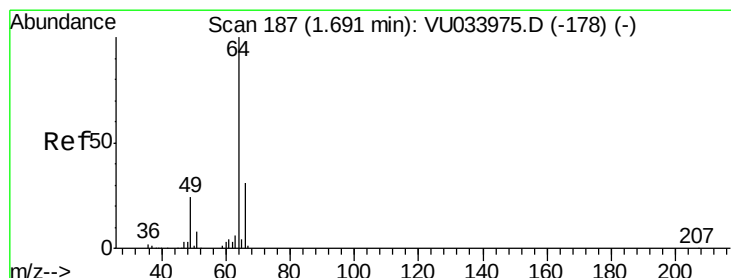
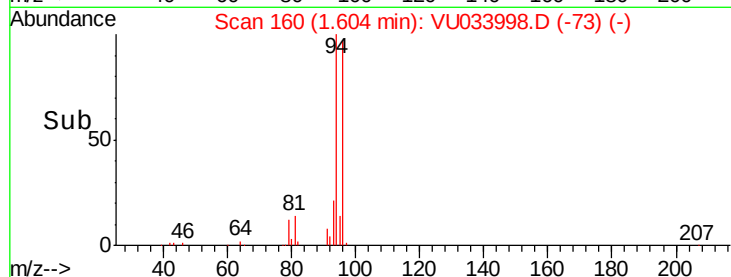
0

Time-->

1.55

1.60

1.65



#6

Chloroethane

Concen: 21.119 ug/l

RT: 1.68 min Scan# 184

Delta R.T. -0.01 min

Lab File: VU033998.D

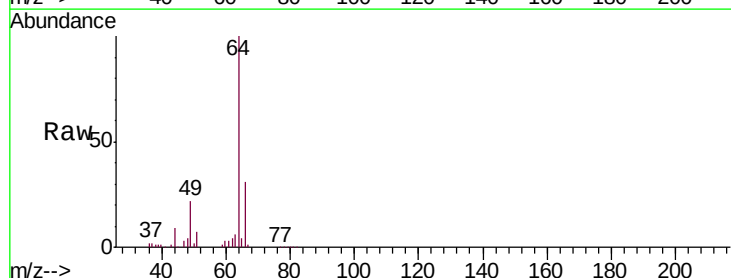
Acq: 28 Aug 2019 02:39

Tgt Ion: 64 Resp: 49381

Ion Ratio Lower Upper

64 100

66 32.2 24.9 37.3



Abundance Ion 63.90 (63.60 to 64.60): VU033998.D (-63) (-)

Ion 65.90 (65.60 to 66.60): VU033998.D (-65) (-)

1.68

40000

30000

20000

10000

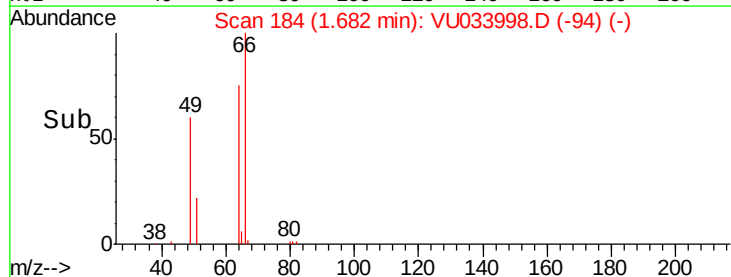
0

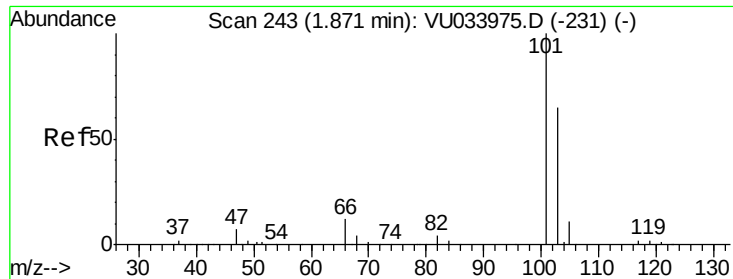
Time-->

1.65

1.70

1.75



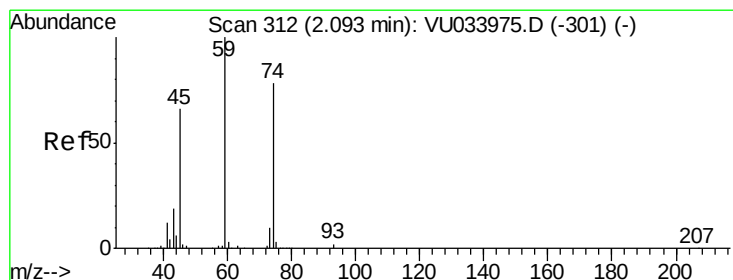
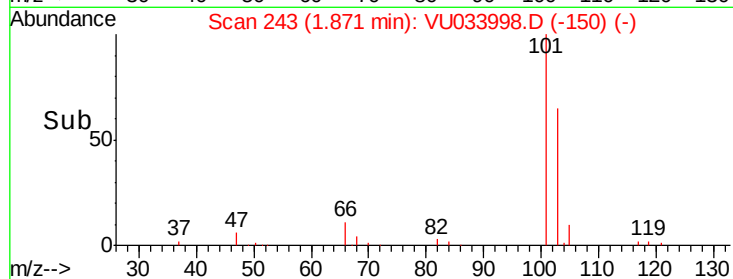
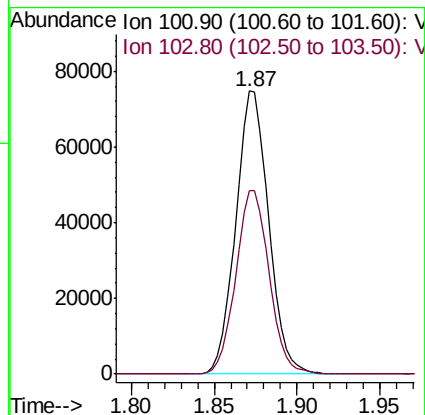
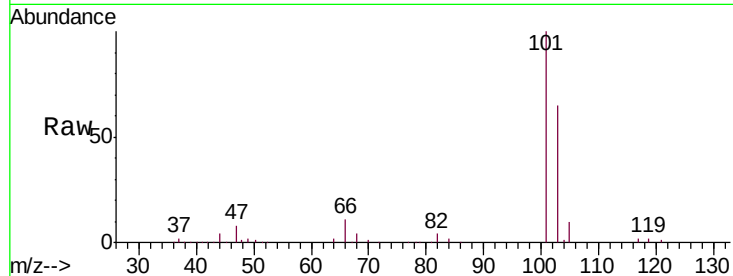


#7

Trichlorofluoromethane
 Concen: 19.980 ug/l
 RT: 1.87 min Scan# 243
 Delta R.T. -0.00 min
 Lab File: VU033998.D
 Acq: 28 Aug 2019 02:39

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0828WBS02

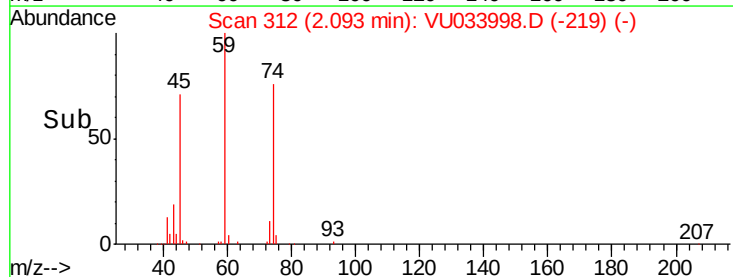
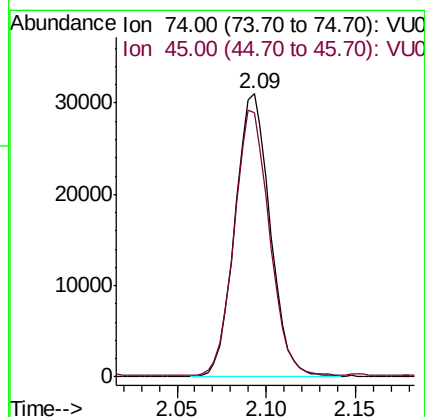
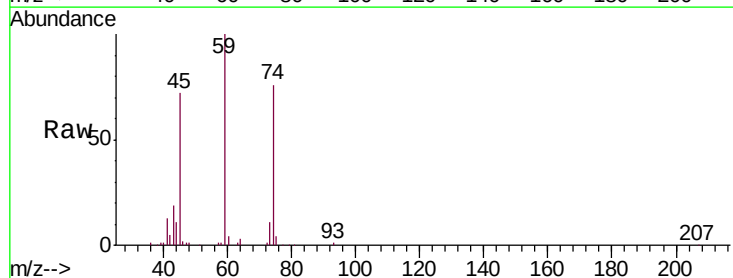
Tgt Ion:101 Resp: 103242
 Ion Ratio Lower Upper
 101 100
 103 64.9 52.0 78.0

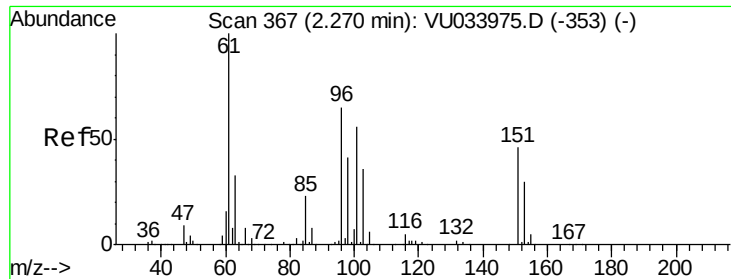


#8

Diethyl Ether
 Concen: 21.666 ug/l
 RT: 2.09 min Scan# 312
 Delta R.T. -0.00 min
 Lab File: VU033998.D
 Acq: 28 Aug 2019 02:39

Tgt Ion: 74 Resp: 42466
 Ion Ratio Lower Upper
 74 100
 45 93.9 42.8 128.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.921 ug/l

RT: 2.27 min Scan# 368

Delta R.T. 0.00 min

Lab File: VU033998.D

Acq: 28 Aug 2019 02:39

Instrument :

MSVOA_U

ClientSampleId :

VU0828WBS02

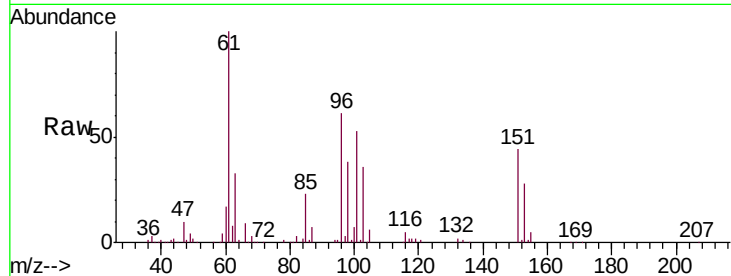
Tgt Ion:101 Resp: 72343

Ion Ratio Lower Upper

101 100

85 42.5 33.4 50.0

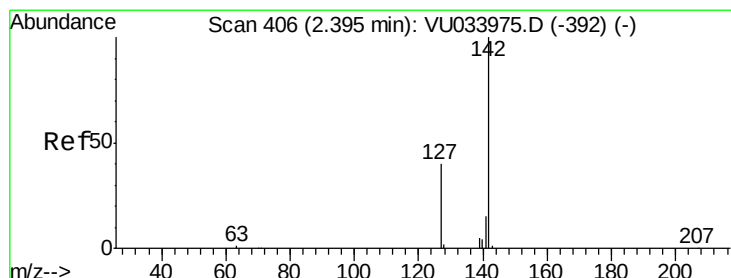
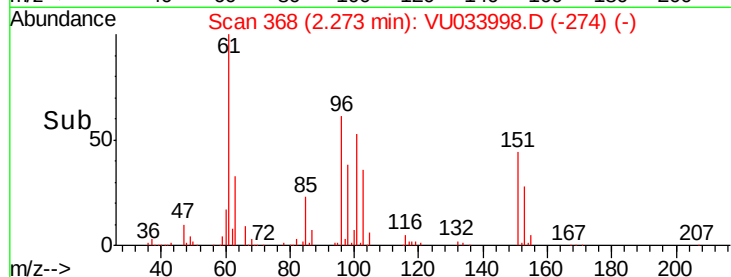
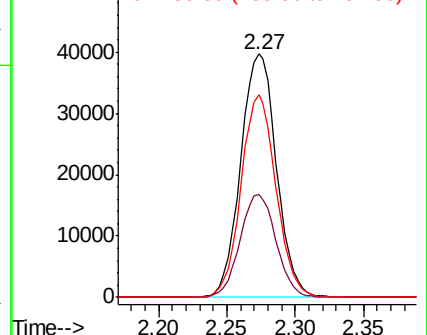
151 81.1 67.6 101.4



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: 22.327 ug/l

RT: 2.40 min Scan# 406

Delta R.T. -0.00 min

Lab File: VU033998.D

Acq: 28 Aug 2019 02:39

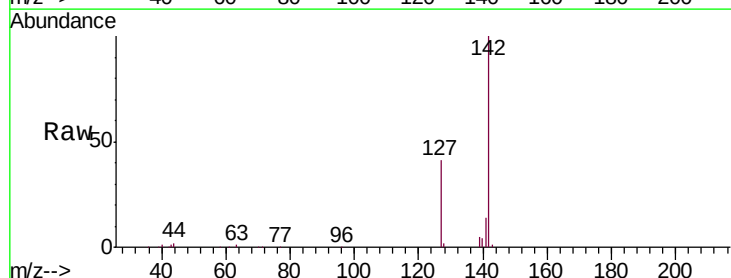
Tgt Ion:142 Resp: 110343

Ion Ratio Lower Upper

142 100

127 42.0 32.2 48.2

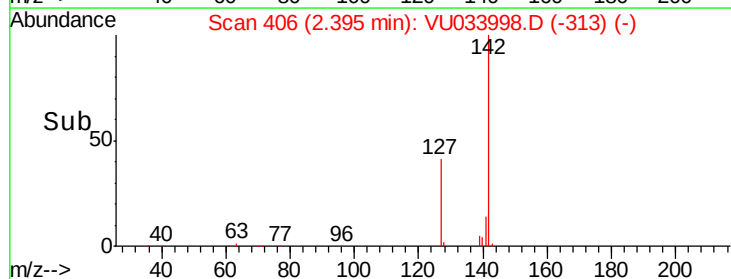
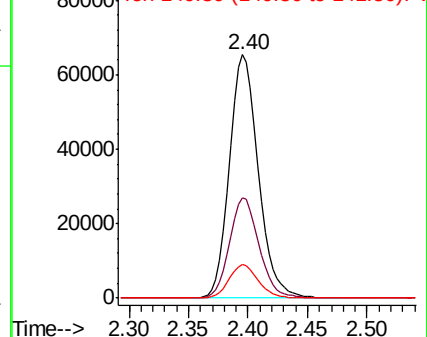
141 13.8 11.8 17.8

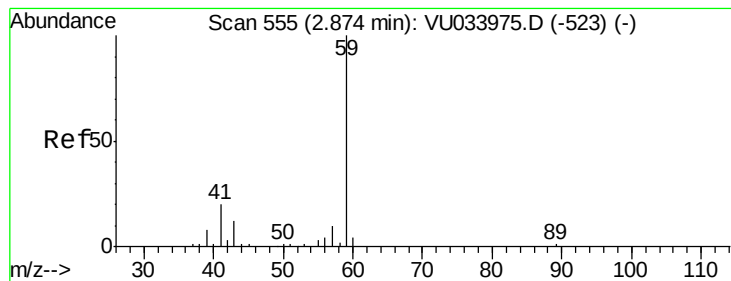


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



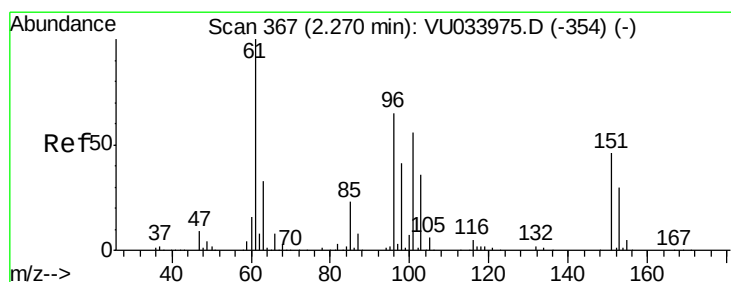
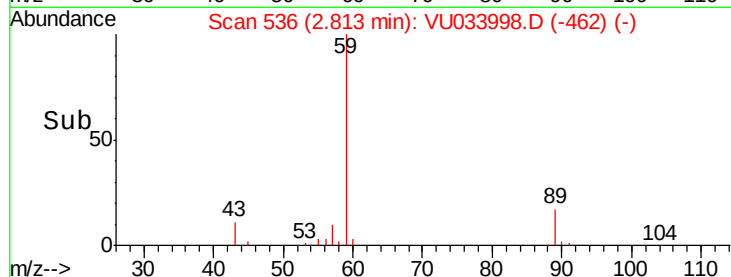
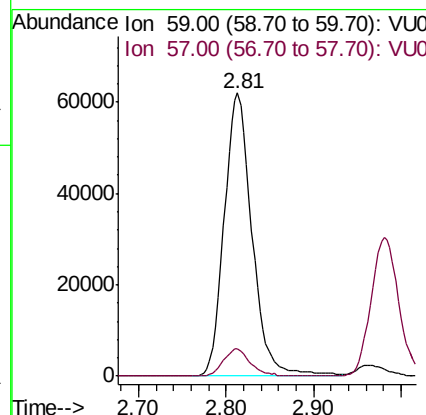
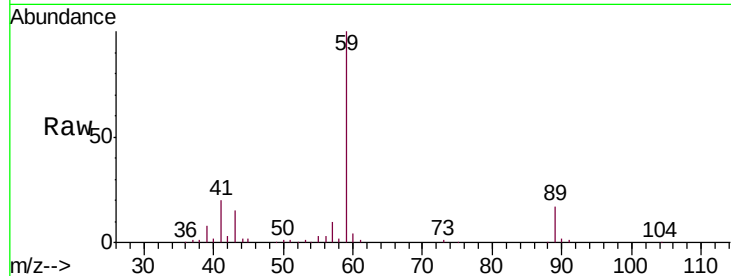


#11

Tert butyl alcohol
 Concen: 121.622 ug/l
 RT: 2.81 min Scan# 536
 Delta R.T. -0.06 min
 Lab File: VU033998.D
 Acq: 28 Aug 2019 02:39

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0828WBS02

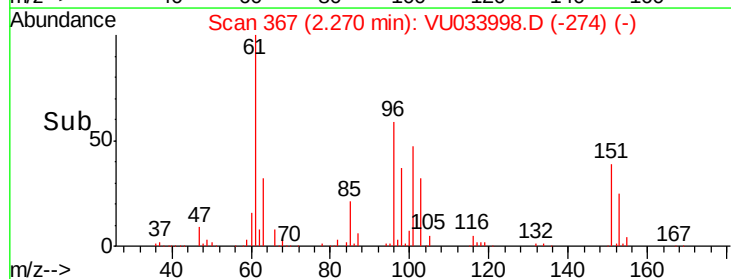
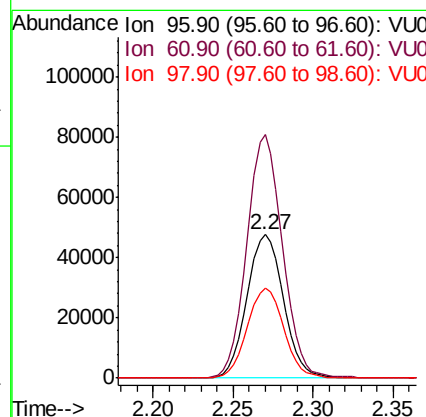
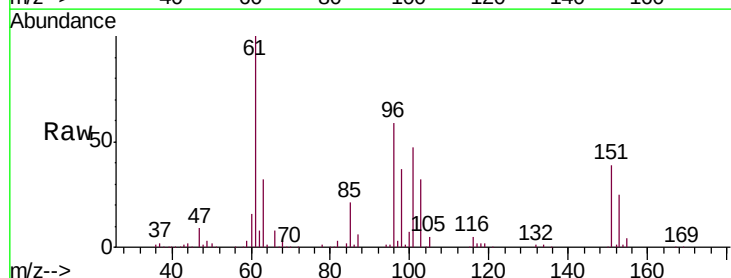
Tgt Ion: 59 Resp: 136875
 Ion Ratio Lower Upper
 59 100
 57 9.1 3.9 5.9#

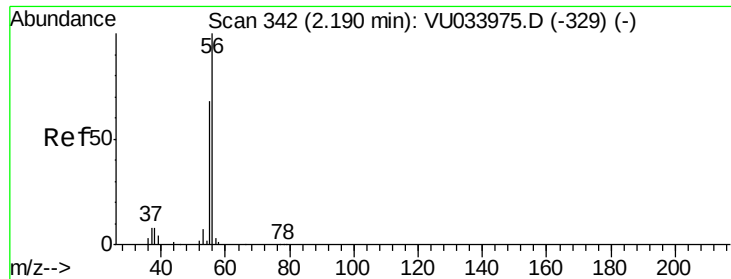


#12

1,1-Dichloroethene
 Concen: 21.665 ug/l
 RT: 2.27 min Scan# 367
 Delta R.T. -0.00 min
 Lab File: VU033998.D
 Acq: 28 Aug 2019 02:39

Tgt Ion: 96 Resp: 74626
 Ion Ratio Lower Upper
 96 100
 61 169.4 123.3 184.9
 98 62.5 50.5 75.7

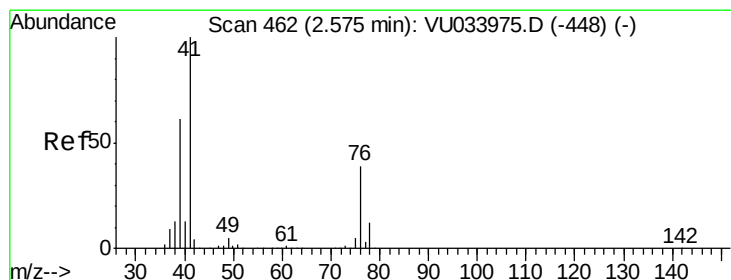
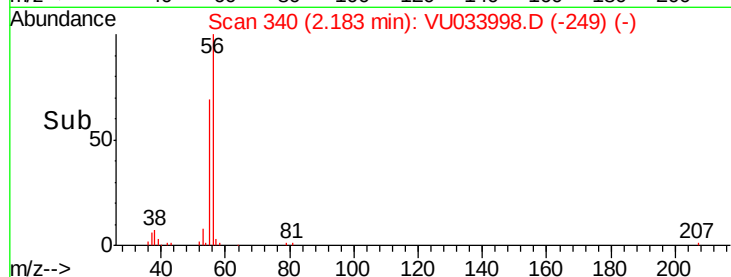
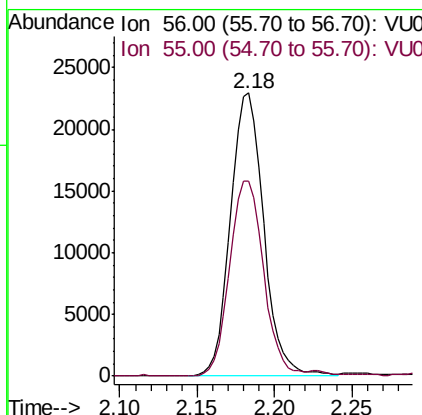
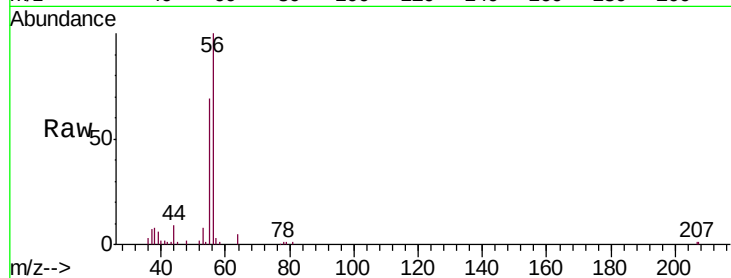




#13
 Acrolein
 Concen: 95.783 ug/l
 RT: 2.18 min Scan# 340
 Delta R.T. -0.01 min
 Lab File: VU033998.D
 Acq: 28 Aug 2019 02:39

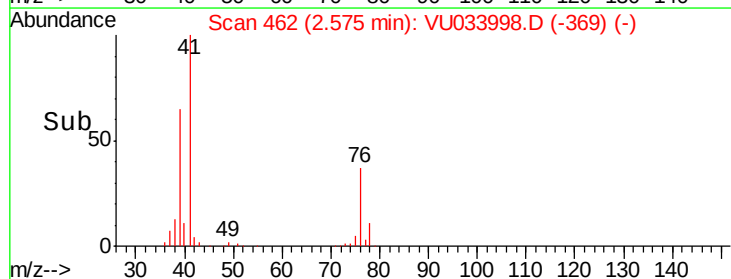
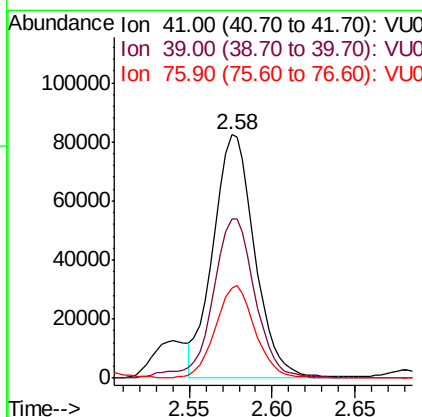
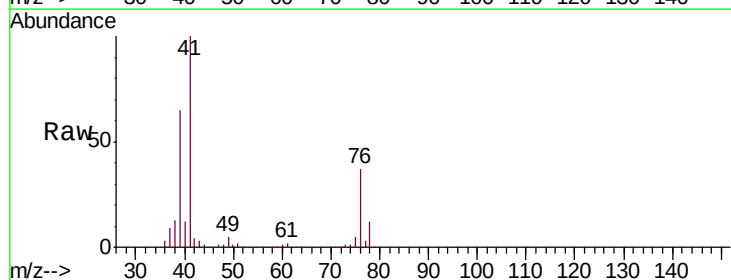
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0828WBS02

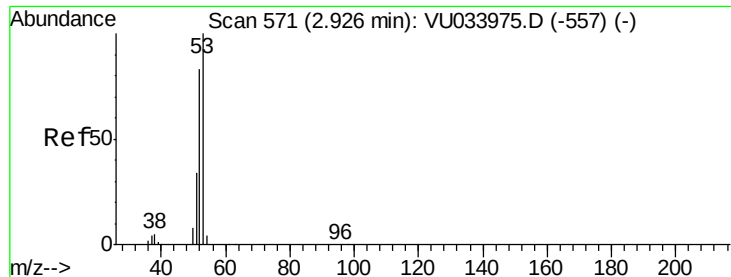
Tgt Ion: 56 Resp: 34233
 Ion Ratio Lower Upper
 56 100
 55 70.0 58.0 87.0



#14
 Allyl chloride
 Concen: 23.502 ug/l
 RT: 2.58 min Scan# 462
 Delta R.T. -0.00 min
 Lab File: VU033998.D
 Acq: 28 Aug 2019 02:39

Tgt Ion: 41 Resp: 143332
 Ion Ratio Lower Upper
 41 100
 39 66.9 45.9 68.9
 76 35.6 29.4 44.2





#15

Acrylonitrile

Concen: 131.715 ug/l

RT: 2.92 min Scan# 568

Delta R.T. -0.01 min

Lab File: VU033998.D

Acq: 28 Aug 2019 02:39

Instrument :

MSVOA_U

ClientSampleId :

VU0828WBS02

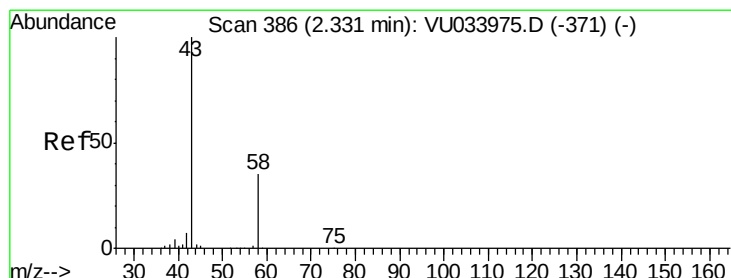
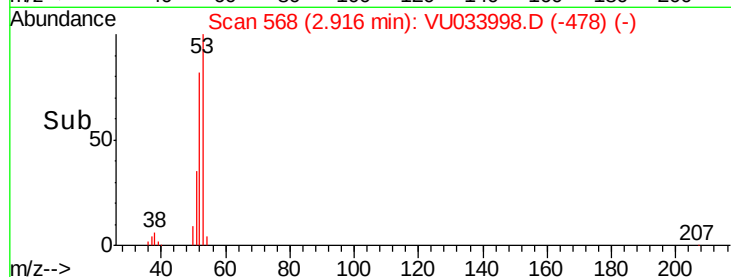
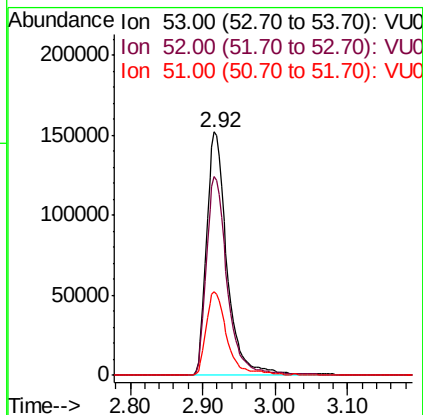
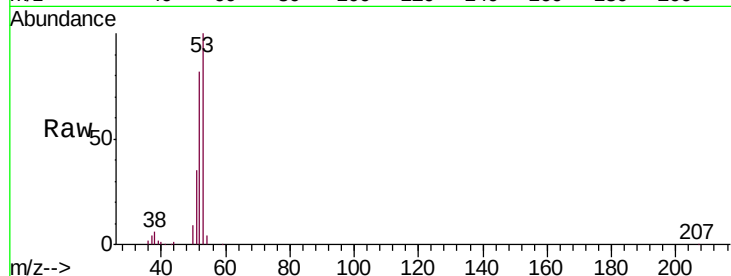
Tgt Ion: 53 Resp: 299661

Ion Ratio Lower Upper

53 100

52 82.9 66.7 100.1

51 35.2 27.5 41.3



#16

Acetone

Concen: 120.512 ug/l

RT: 2.31 min Scan# 379

Delta R.T. -0.02 min

Lab File: VU033998.D

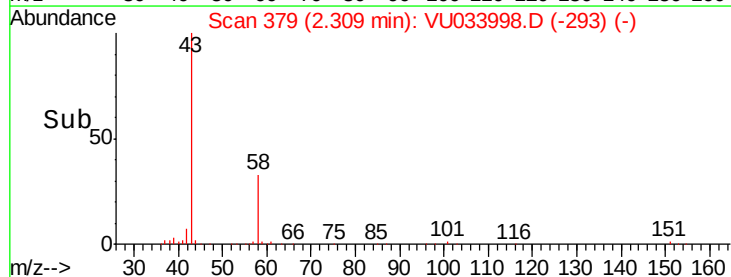
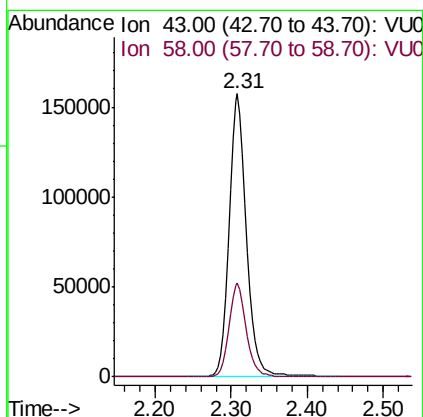
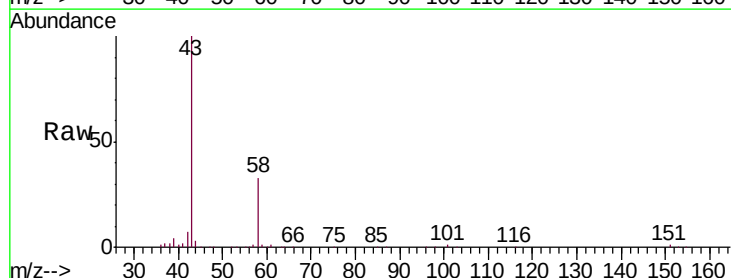
Acq: 28 Aug 2019 02:39

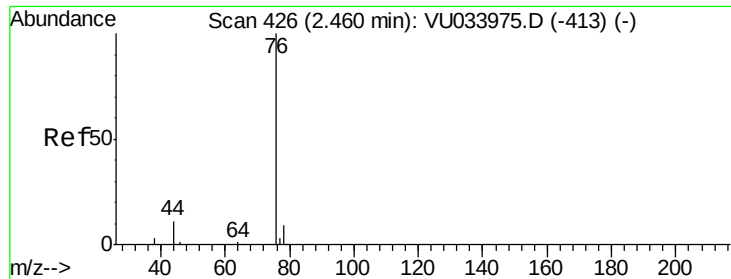
Tgt Ion: 43 Resp: 250637

Ion Ratio Lower Upper

43 100

58 33.4 28.0 42.0

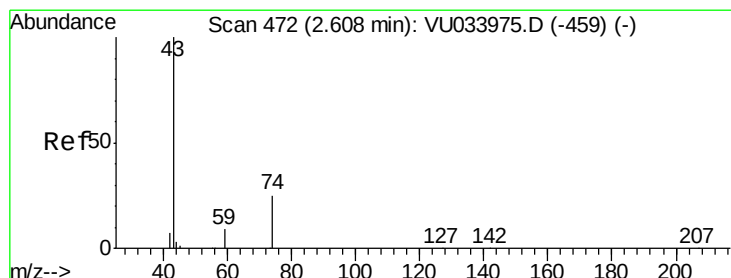
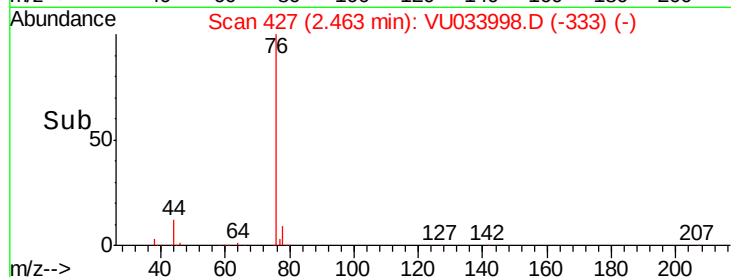
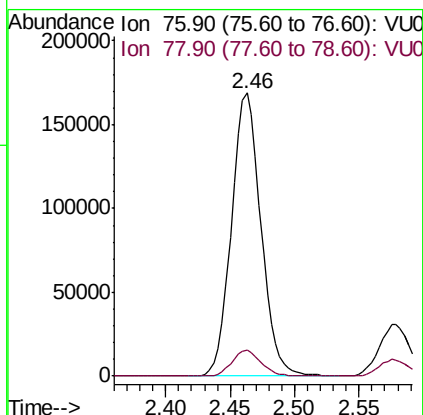
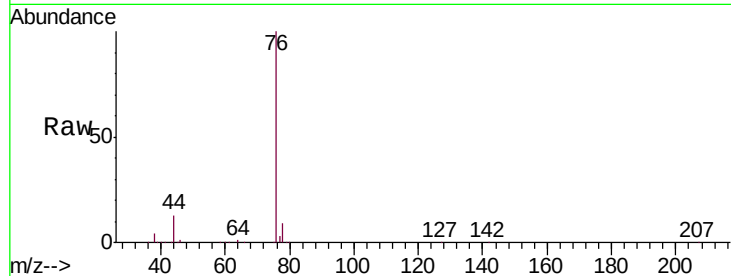




#17
Carbon Disulfide
Concen: 23.670 ug/l
RT: 2.46 min Scan# 427
Delta R.T. 0.00 min
Lab File: VU033998.D
Acq: 28 Aug 2019 02:39

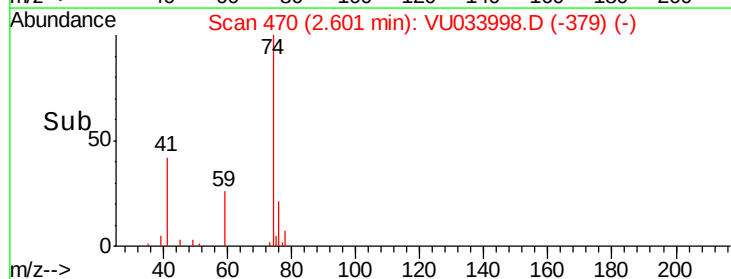
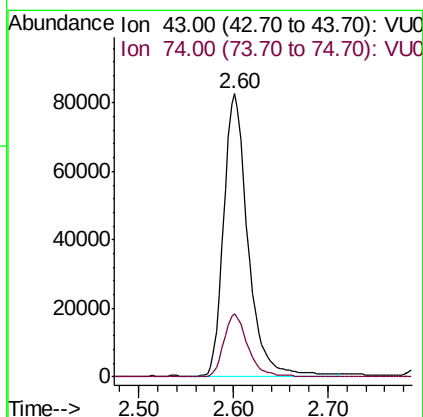
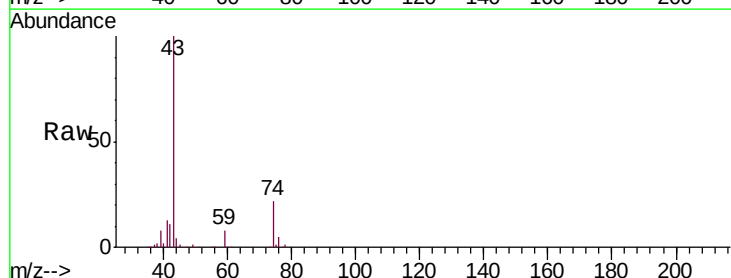
Instrument :
MSVOA_U
ClientSampleId :
VU0828WBS02

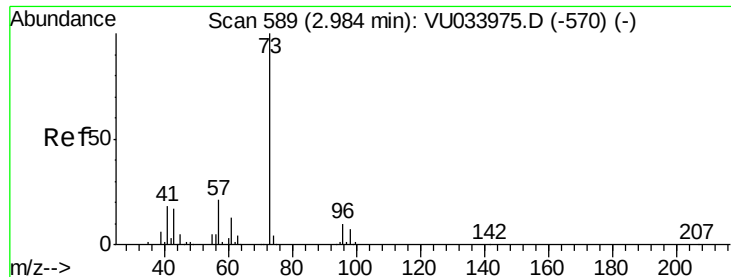
Tgt Ion: 76 Resp: 267731
Ion Ratio Lower Upper
76 100
78 9.1 7.5 11.3



#18
Methyl Acetate
Concen: 28.645 ug/l
RT: 2.60 min Scan# 470
Delta R.T. -0.01 min
Lab File: VU033998.D
Acq: 28 Aug 2019 02:39

Tgt Ion: 43 Resp: 146733
Ion Ratio Lower Upper
43 100
74 22.4 20.5 30.7

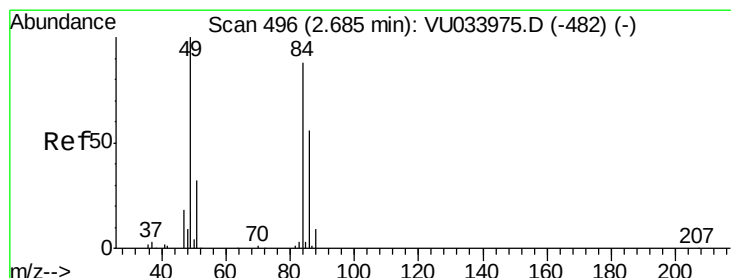
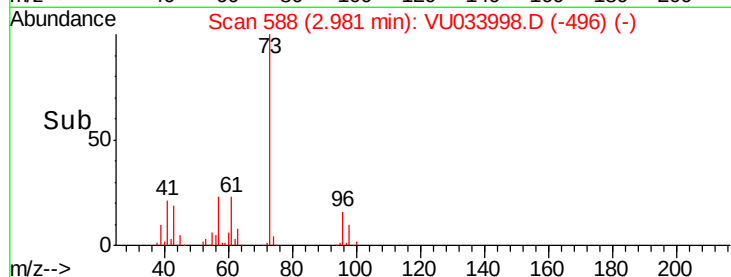
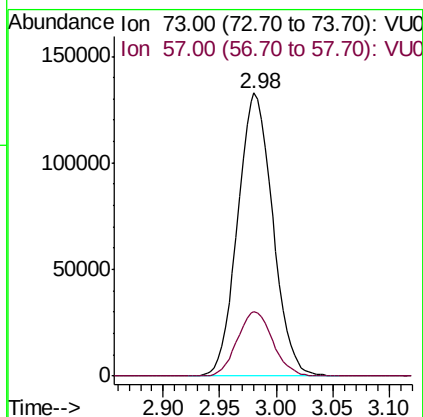
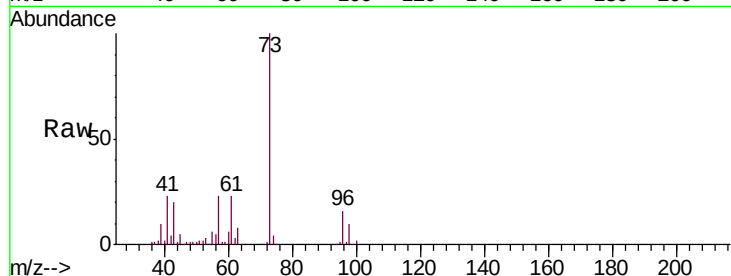




#19
Methyl tert-butyl Ether
Concen: 24.796 ug/l
RT: 2.98 min Scan# 588
Delta R.T. -0.00 min
Lab File: VU033998.D
Acq: 28 Aug 2019 02:39

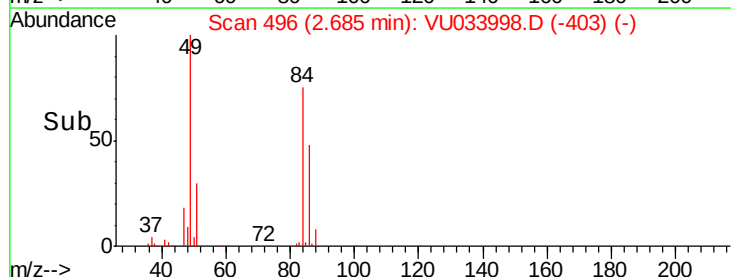
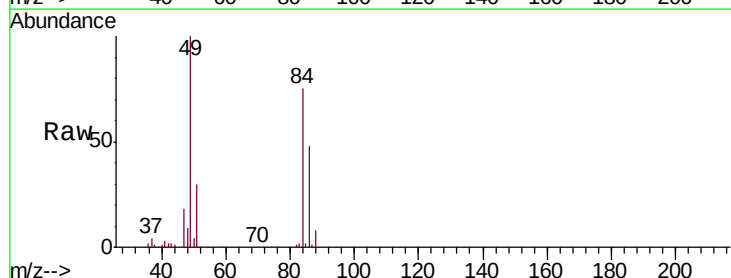
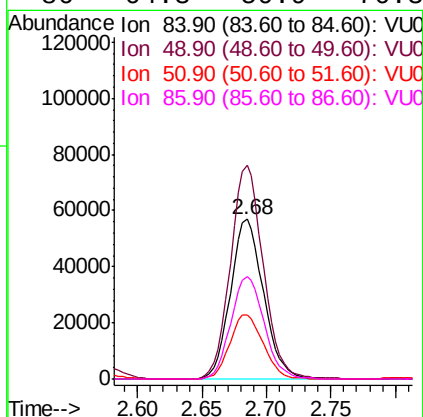
Instrument :
MSVOA_U
ClientSampleId :
VU0828WBS02

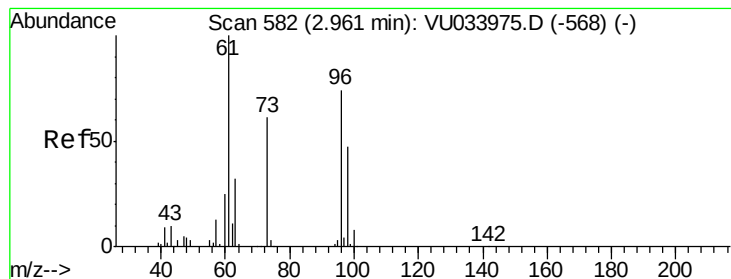
Tgt Ion: 73 Resp: 286912
Ion Ratio Lower Upper
73 100
57 22.9 17.5 26.3



#20
Methylene Chloride
Concen: 23.005 ug/l
RT: 2.68 min Scan# 496
Delta R.T. -0.00 min
Lab File: VU033998.D
Acq: 28 Aug 2019 02:39

Tgt Ion: 84 Resp: 101508
Ion Ratio Lower Upper
84 100
49 133.6 91.3 136.9
51 40.2 28.9 43.3
86 64.3 50.9 76.3





#21

trans-1,2-Dichloroethene

Concen: 23.395 ug/l

RT: 2.96 min Scan# 583

Delta R.T. 0.00 min

Lab File: VU033998.D

Acq: 28 Aug 2019 02:39

Instrument :

MSVOA_U

ClientSampleId :

VU0828WBS02

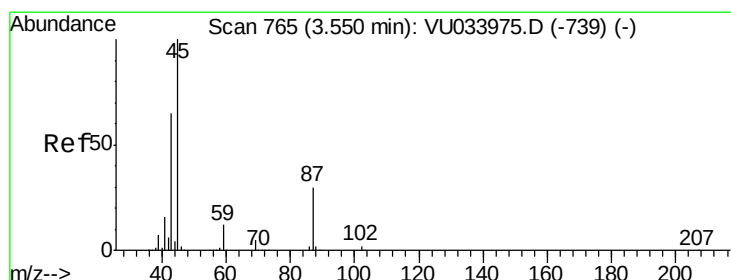
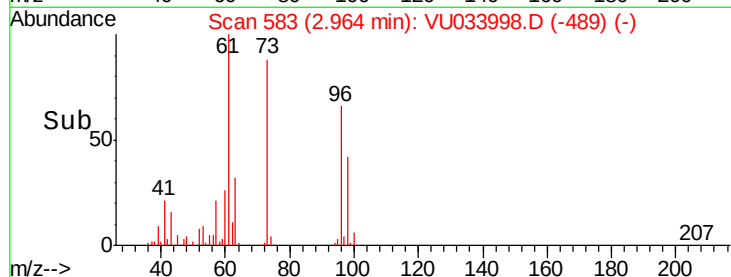
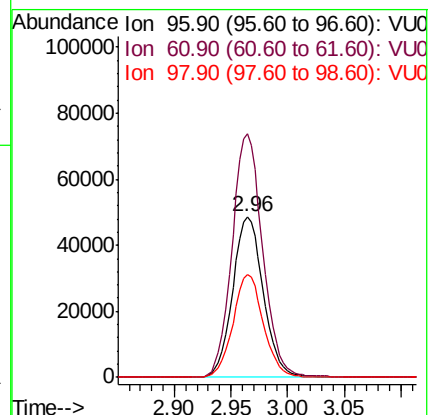
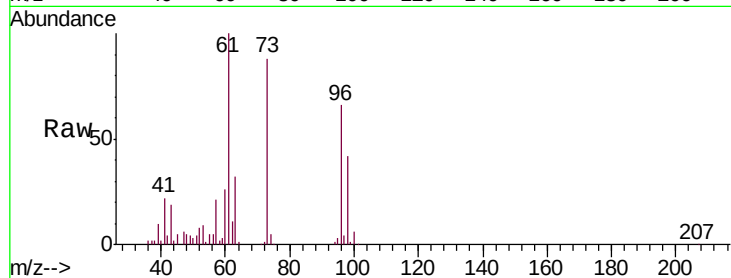
Tgt Ion: 96 Resp: 91878

Ion Ratio Lower Upper

96 100

61 151.2 108.2 162.2

98 64.1 50.3 75.5



#22

Diisopropyl ether

Concen: 28.385 ug/l

RT: 3.55 min Scan# 765

Delta R.T. -0.00 min

Lab File: VU033998.D

Acq: 28 Aug 2019 02:39

Tgt Ion: 45 Resp: 318067

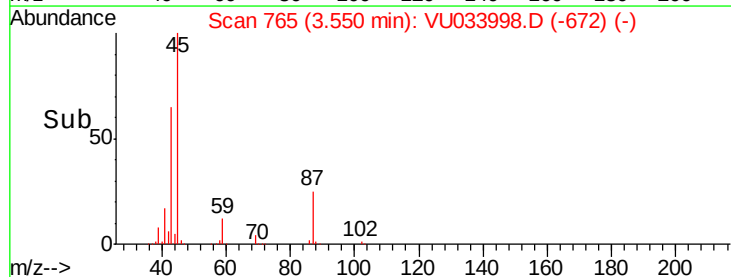
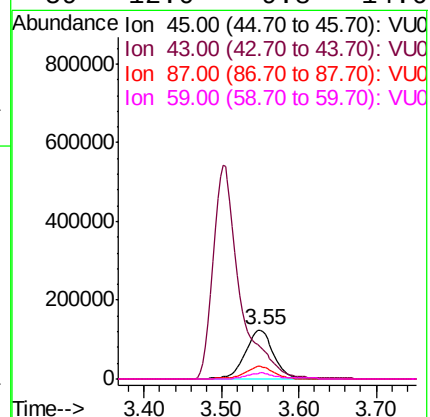
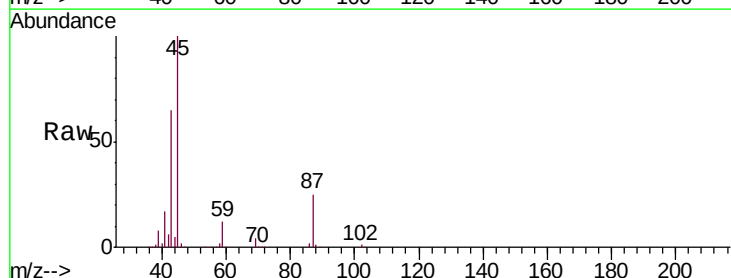
Ion Ratio Lower Upper

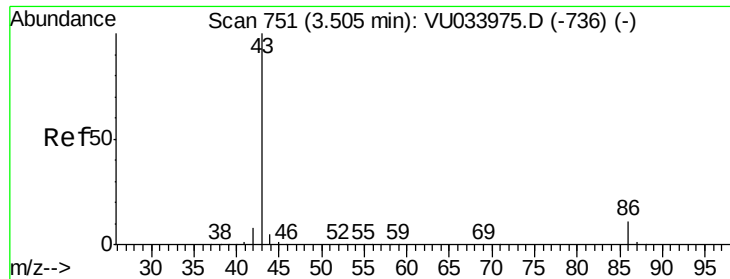
45 100

43 65.1 51.6 77.4

87 25.0 24.4 36.6

59 12.0 9.8 14.6

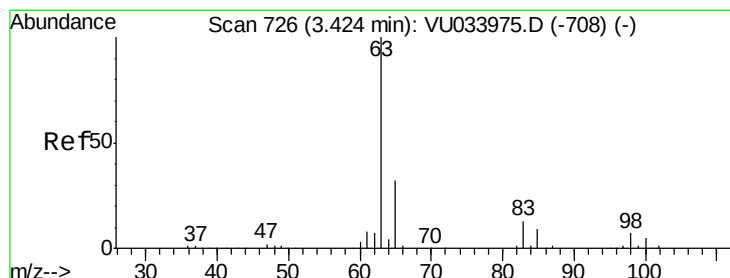
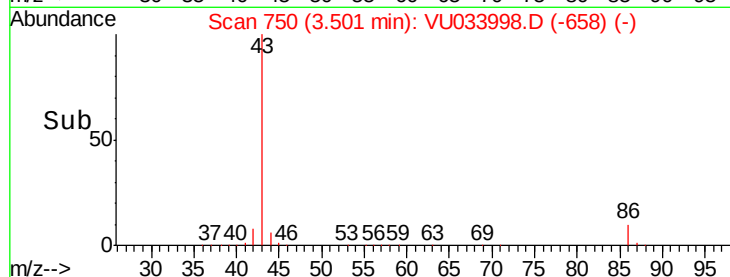
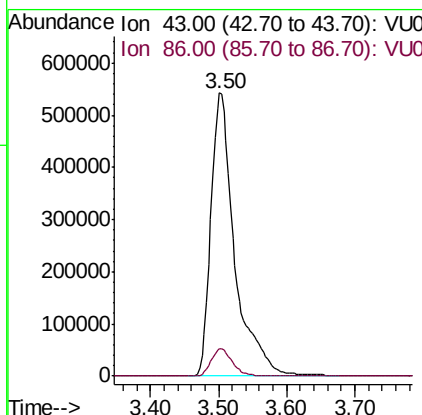
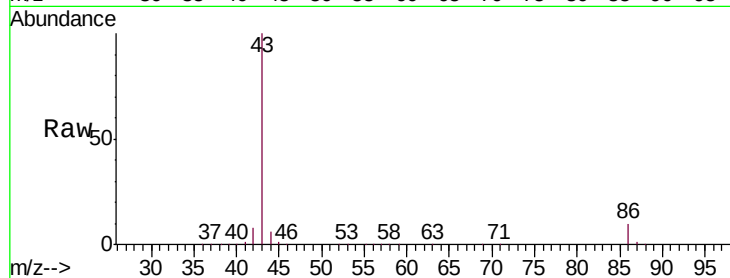




#23
 Vinyl Acetate
 Concen: 138.362 ug/l
 RT: 3.50 min Scan# 750
 Delta R.T. -0.00 min
 Lab File: VU033998.D
 Acq: 28 Aug 2019 02:39

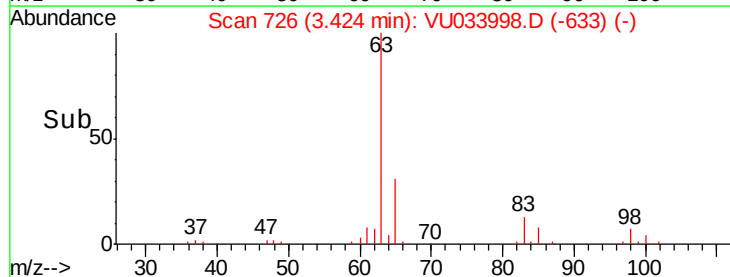
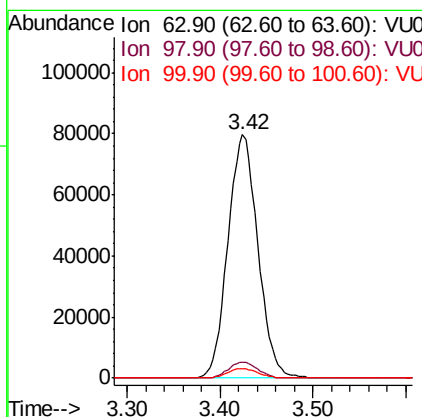
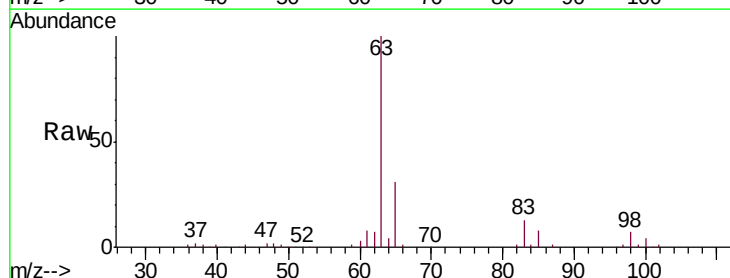
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0828WBS02

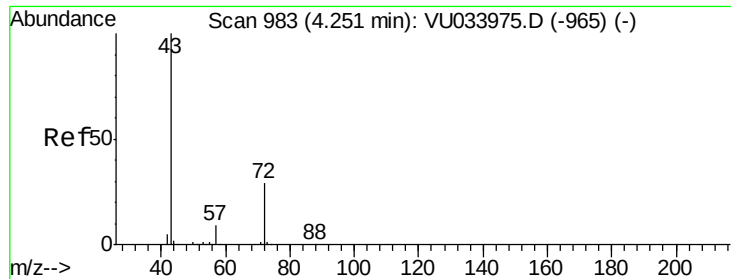
Tgt Ion: 43 Resp: 1317177
 Ion Ratio Lower Upper
 43 100
 86 9.7 9.1 13.7



#24
 1,1-Dichloroethane
 Concen: 25.510 ug/l
 RT: 3.42 min Scan# 726
 Delta R.T. -0.00 min
 Lab File: VU033998.D
 Acq: 28 Aug 2019 02:39

Tgt Ion: 63 Resp: 178972
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.5 10.4
 100 3.8 2.3 6.8





#25

2-Butanone

Concen: 134.985 ug/l

RT: 4.24 min Scan# 979

Delta R.T. -0.01 min

Lab File: VU033998.D

Acq: 28 Aug 2019 02:39

Instrument :

MSVOA_U

ClientSampleId :

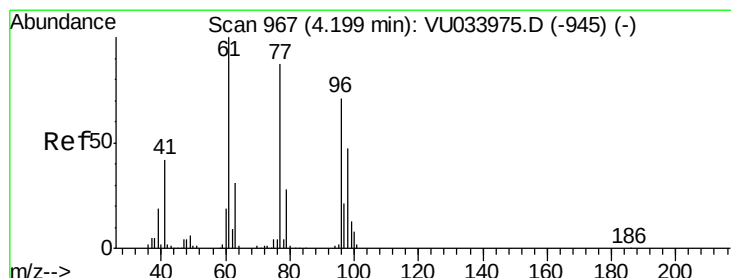
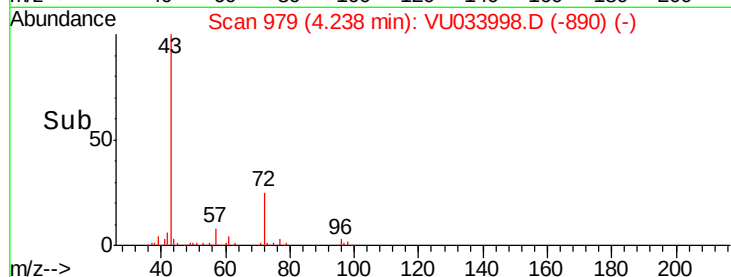
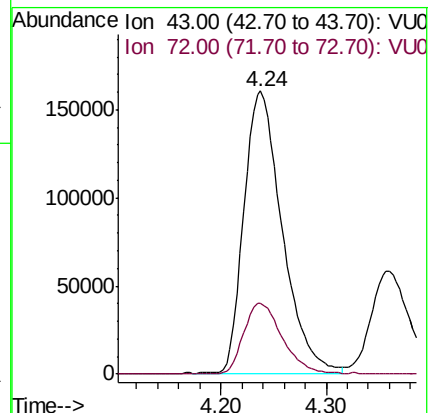
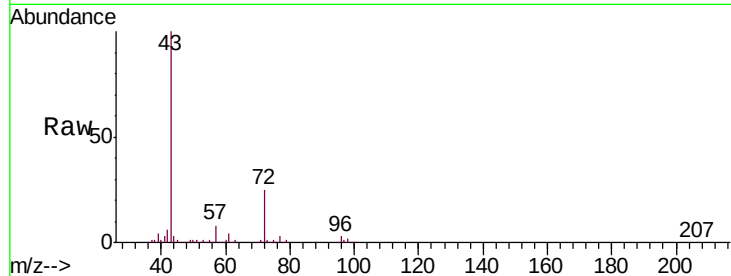
VU0828WBS02

Tgt Ion: 43 Resp: 402423

Ion Ratio Lower Upper

43 100

72 25.1 22.9 34.3



#26

2,2-Dichloropropane

Concen: 18.410 ug/l

RT: 4.20 min Scan# 967

Delta R.T. -0.00 min

Lab File: VU033998.D

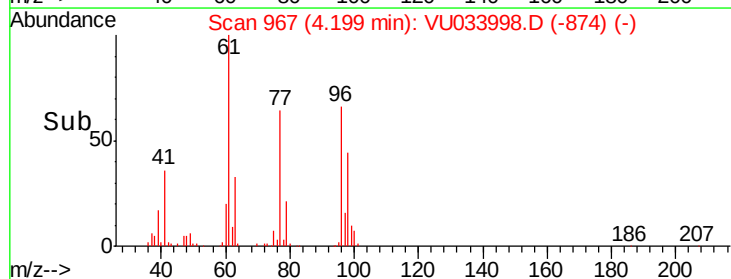
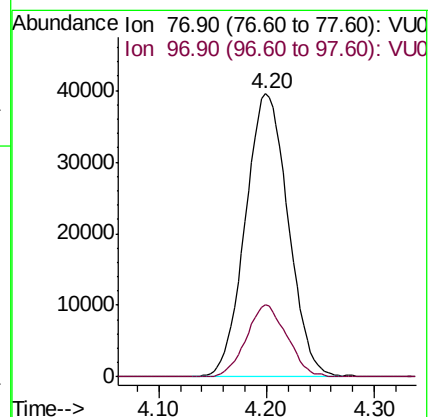
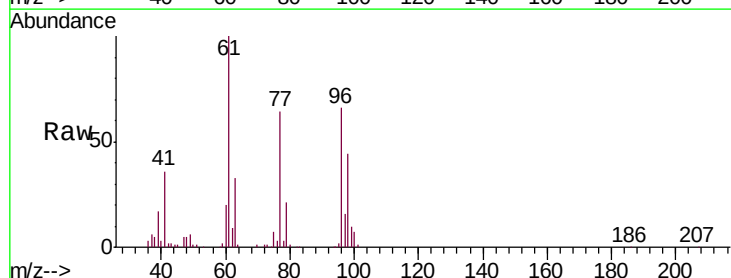
Acq: 28 Aug 2019 02:39

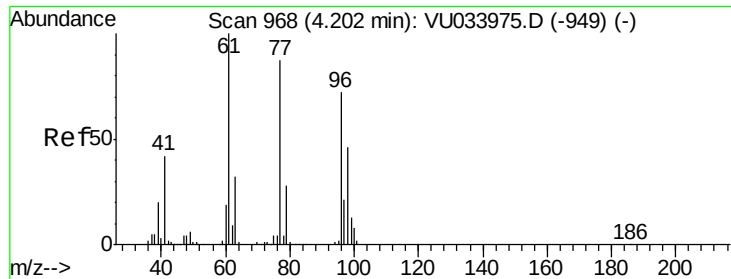
Tgt Ion: 77 Resp: 109212

Ion Ratio Lower Upper

77 100

97 24.0 12.0 36.0



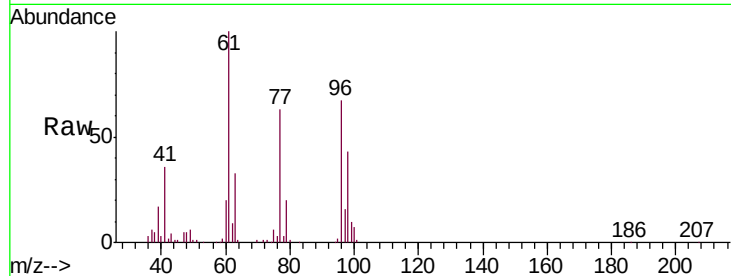


#27

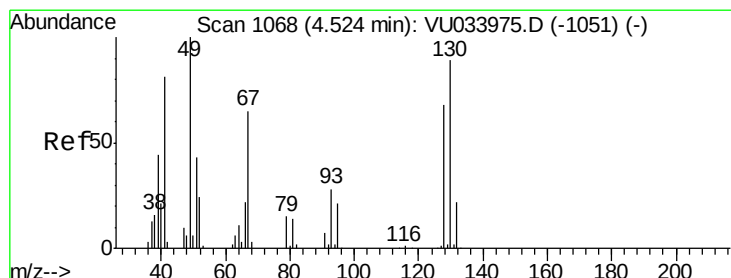
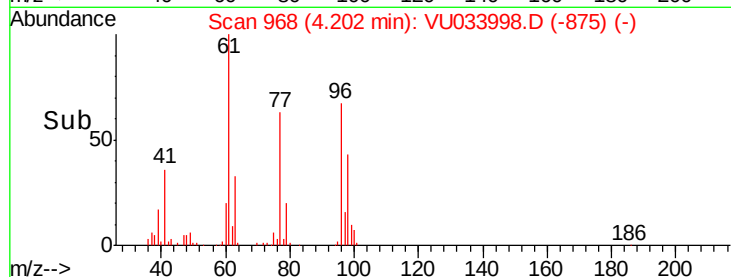
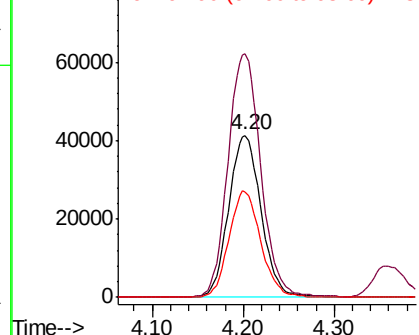
cis-1,2-Dichloroethene
 Concen: 23.307 ug/l
 RT: 4.20 min Scan# 968
 Delta R.T. -0.00 min
 Lab File: VU033998.D
 Acq: 28 Aug 2019 02:39

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0828WBS02

Tgt Ion: 96 Resp: 102464
 Ion Ratio Lower Upper
 96 100
 61 151.4 0.0 287.2
 98 64.0 0.0 131.8



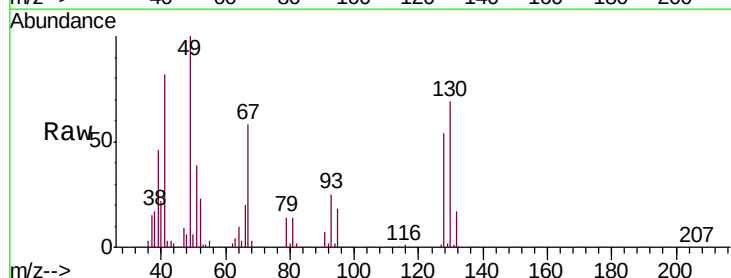
Abundance Ion 95.90 (95.60 to 96.60): VU0
 Ion 60.90 (60.60 to 61.60): VU0
 Ion 97.90 (97.60 to 98.60): VU0



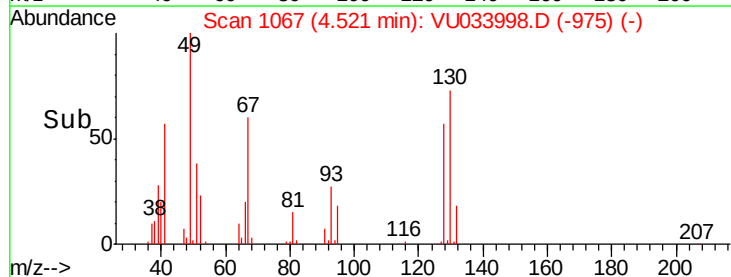
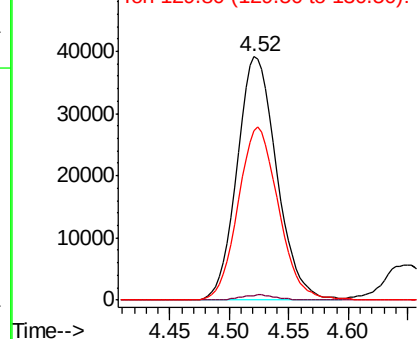
#28

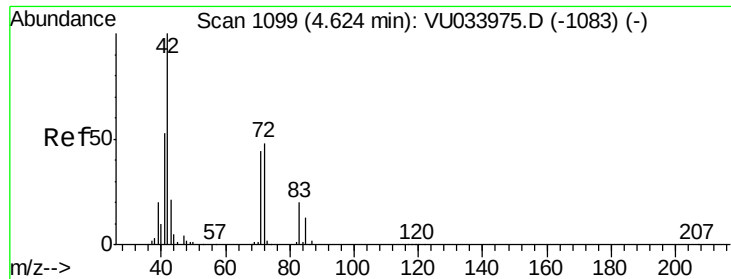
Bromochloromethane
 Concen: 28.039 ug/l
 RT: 4.52 min Scan# 1067
 Delta R.T. -0.00 min
 Lab File: VU033998.D
 Acq: 28 Aug 2019 02:39

Tgt Ion: 49 Resp: 90509
 Ion Ratio Lower Upper
 49 100
 129 1.9 0.0 4.6
 130 72.1 71.0 106.6



Abundance Ion 48.90 (48.60 to 49.60): VU0
 Ion 128.80 (128.50 to 129.50): V
 Ion 129.80 (129.50 to 130.50): V

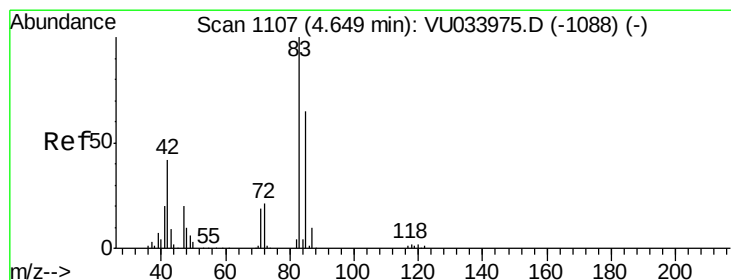
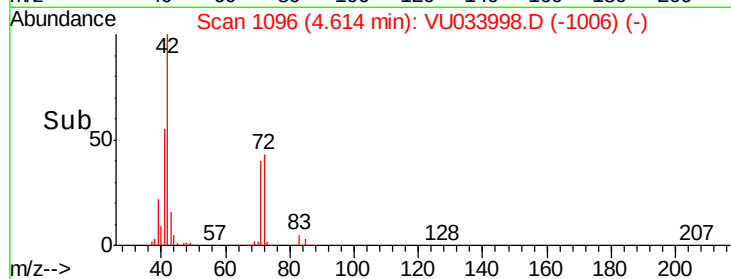
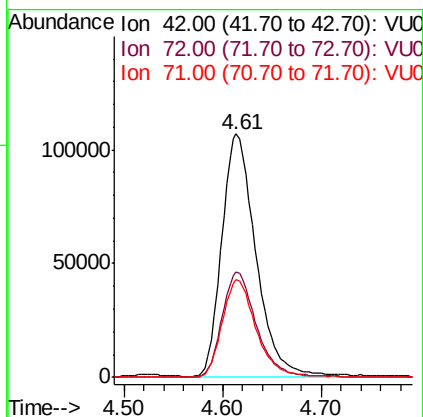
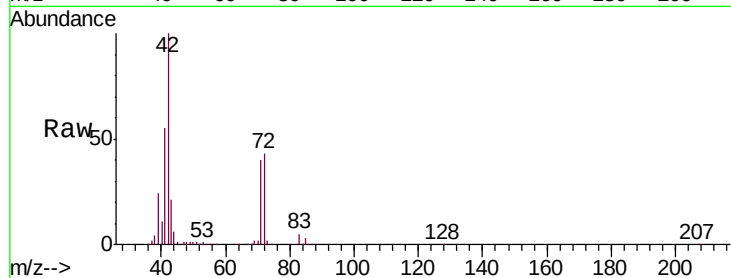




#29
Tetrahydrofuran
Concen: 138.075 ug/l
RT: 4.61 min Scan# 1096
Delta R.T. -0.01 min
Lab File: VU033998.D
Acq: 28 Aug 2019 02:39

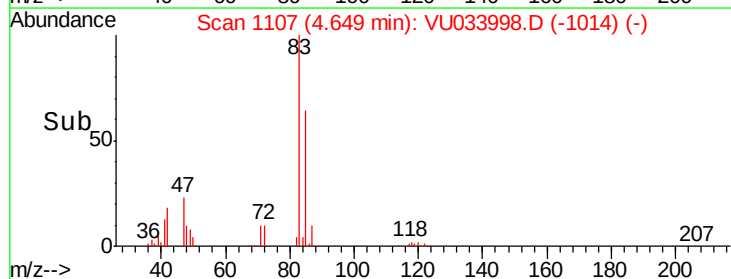
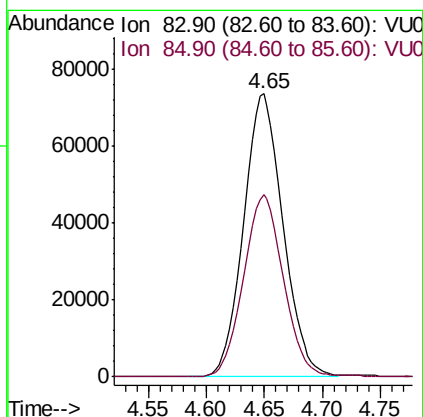
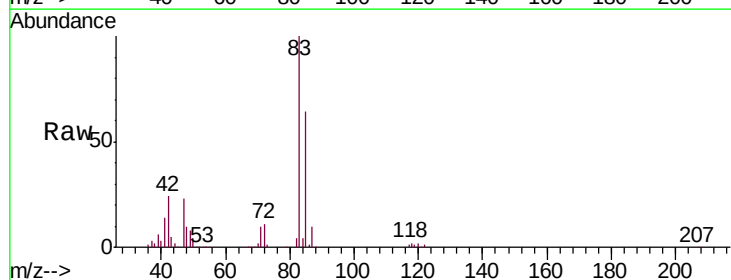
Instrument :
MSVOA_U
ClientSampleId :
VU0828WBS02

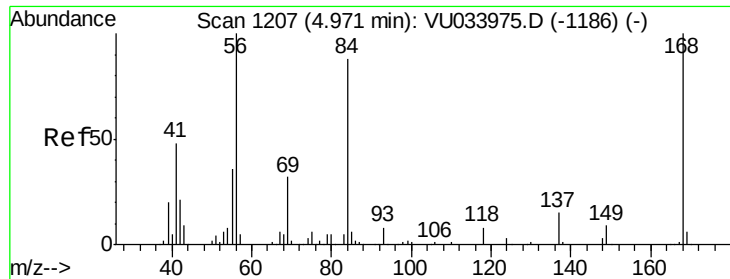
Tgt Ion: 42 Resp: 257468
Ion Ratio Lower Upper
42 100
72 43.6 38.9 58.3
71 40.3 35.7 53.5



#30
Chloroform
Concen: 24.259 ug/l
RT: 4.65 min Scan# 1107
Delta R.T. -0.00 min
Lab File: VU033998.D
Acq: 28 Aug 2019 02:39

Tgt Ion: 83 Resp: 174273
Ion Ratio Lower Upper
83 100
85 64.1 52.1 78.1

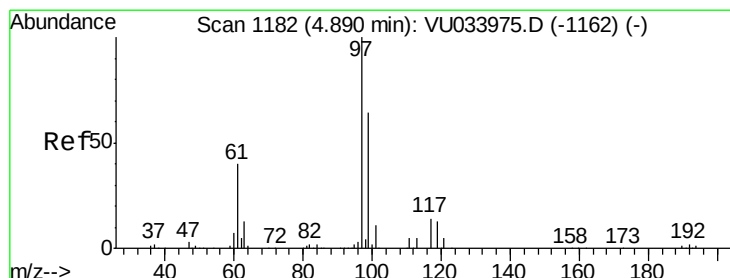
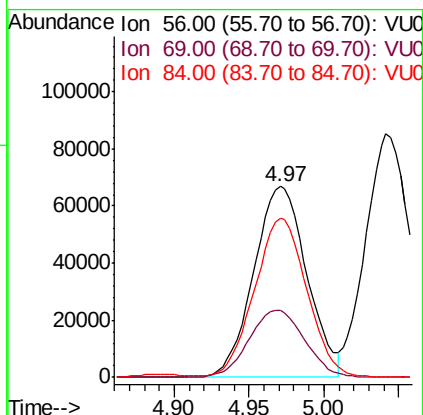
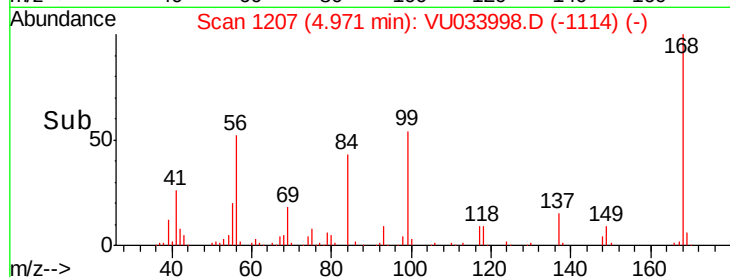
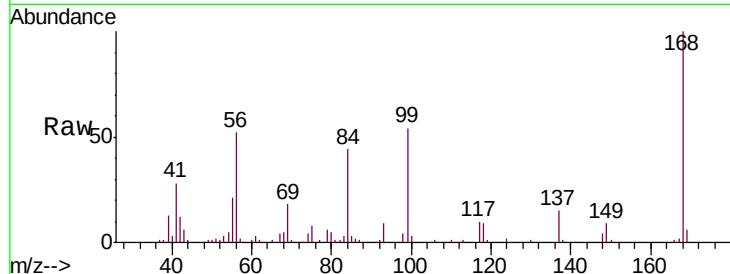




#31
Cyclohexane
Concen: 25.703 ug/l
RT: 4.97 min Scan# 1207
Delta R.T. -0.00 min
Lab File: VU033998.D
Acq: 28 Aug 2019 02:39

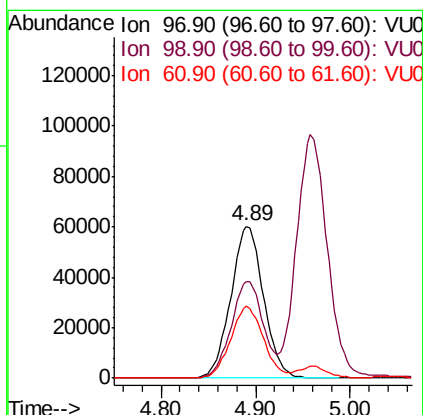
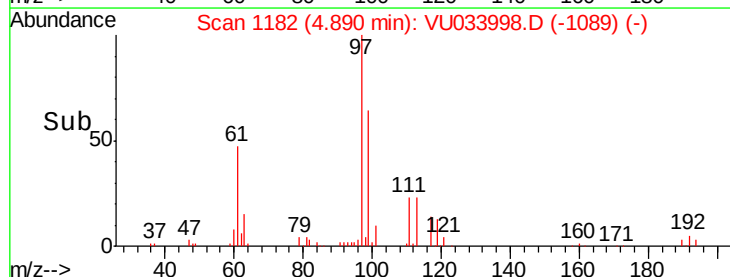
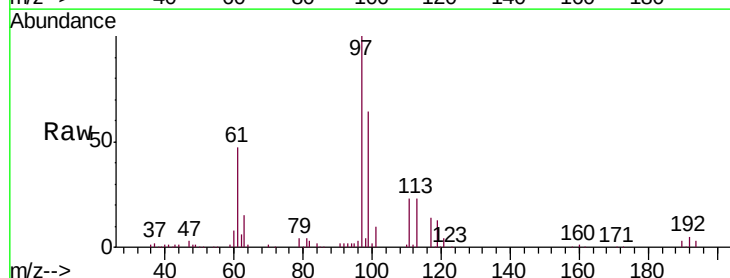
Instrument :
MSVOA_U
ClientSampleId :
VU0828WBS02

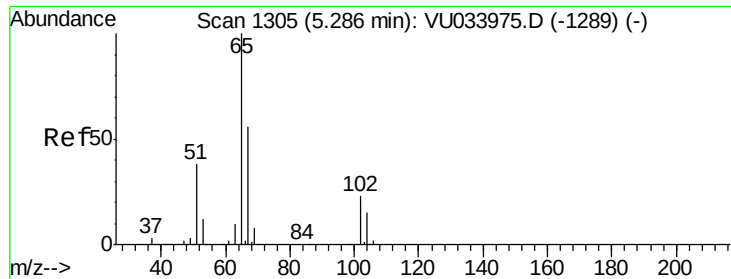
Tgt Ion: 56 Resp: 164666
Ion Ratio Lower Upper
56 100
69 35.2 25.9 38.9
84 82.7 70.4 105.6



#32
1,1,1-Trichloroethane
Concen: 23.877 ug/l
RT: 4.89 min Scan# 1182
Delta R.T. -0.00 min
Lab File: VU033998.D
Acq: 28 Aug 2019 02:39

Tgt Ion: 97 Resp: 144405
Ion Ratio Lower Upper
97 100
99 63.0 51.6 77.4
61 47.3 32.7 49.1

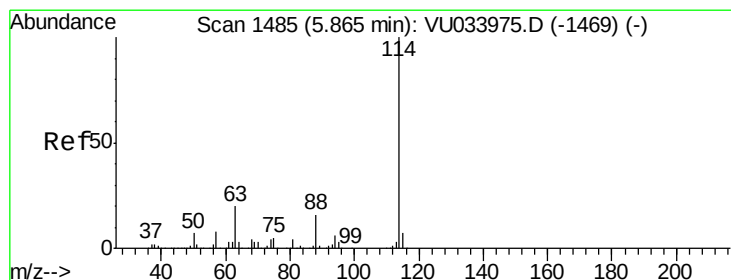
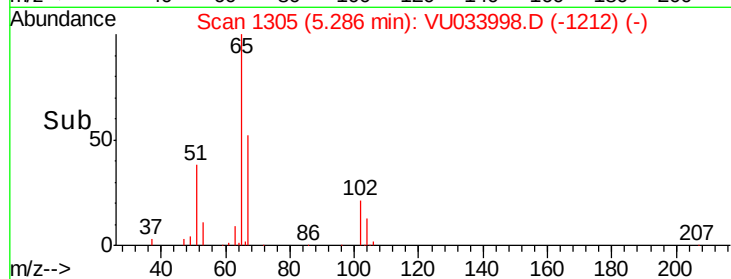
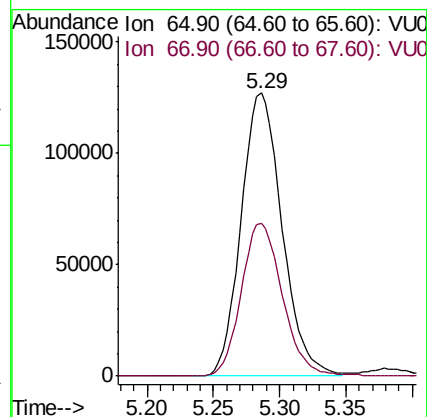
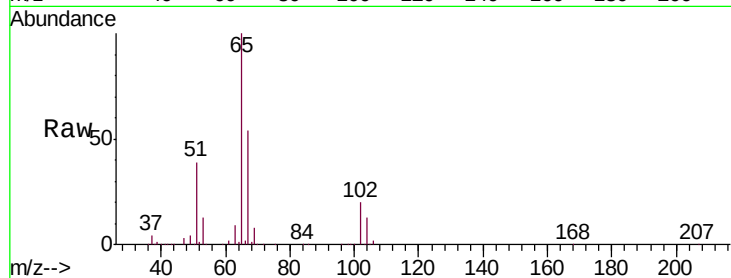




#33
 1,2-Dichloroethane-d4
 Concen: 62.881 ug/l
 RT: 5.29 min Scan# 1305
 Delta R.T. -0.00 min
 Lab File: VU033998.D
 Acq: 28 Aug 2019 02:39

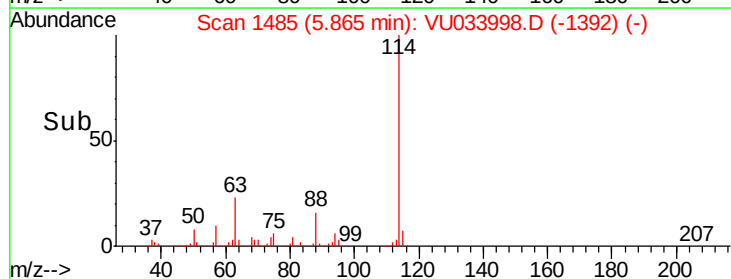
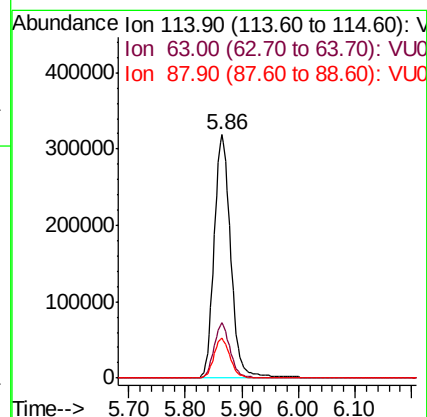
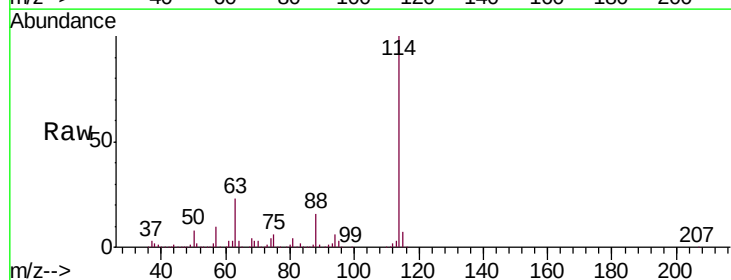
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0828WBS02

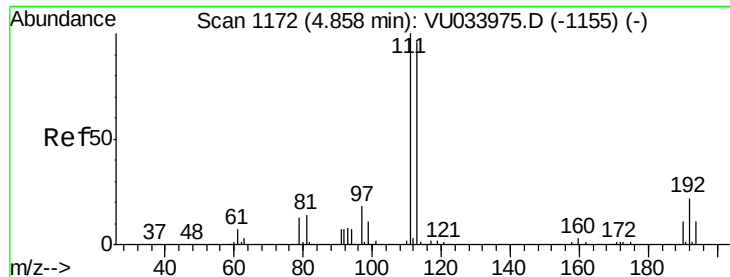
Tgt Ion: 65 Resp: 273215
 Ion Ratio Lower Upper
 65 100
 67 54.3 0.0 111.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.86 min Scan# 1485
 Delta R.T. -0.00 min
 Lab File: VU033998.D
 Acq: 28 Aug 2019 02:39

Tgt Ion: 114 Resp: 650673
 Ion Ratio Lower Upper
 114 100
 63 22.6 0.0 39.0
 88 16.4 0.0 31.2

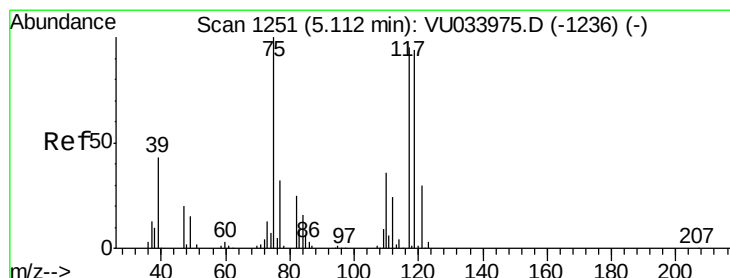
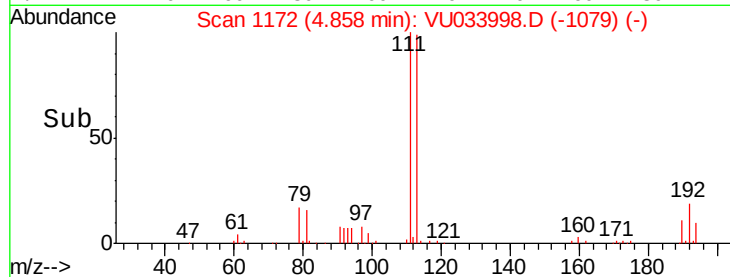
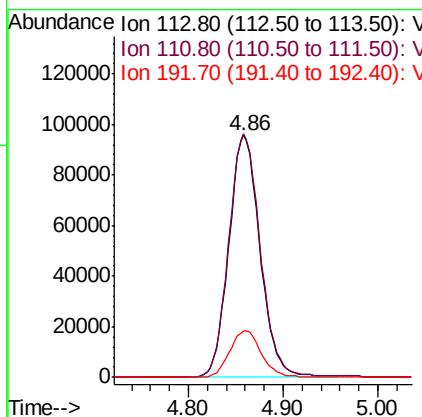
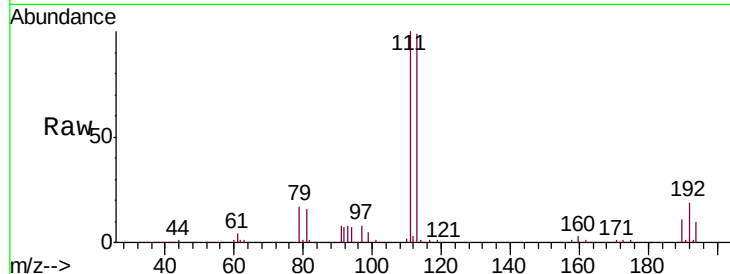




#35
 Dibromofluoromethane
 Concen: 50.212 ug/l
 RT: 4.86 min Scan# 1172
 Delta R.T. -0.00 min
 Lab File: VU033998.D
 Acq: 28 Aug 2019 02:39

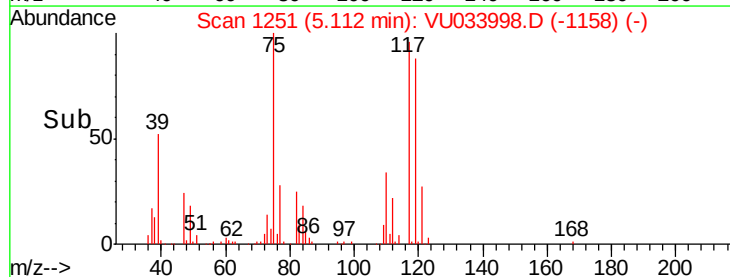
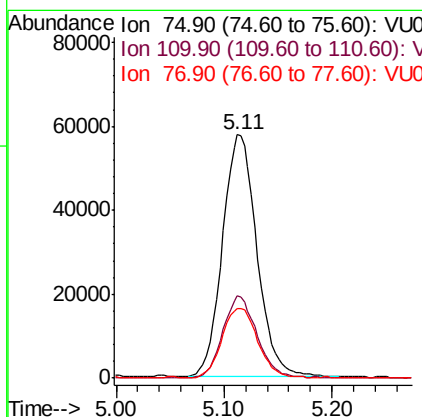
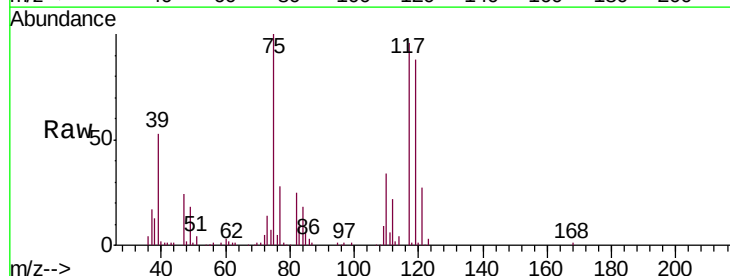
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0828WBS02

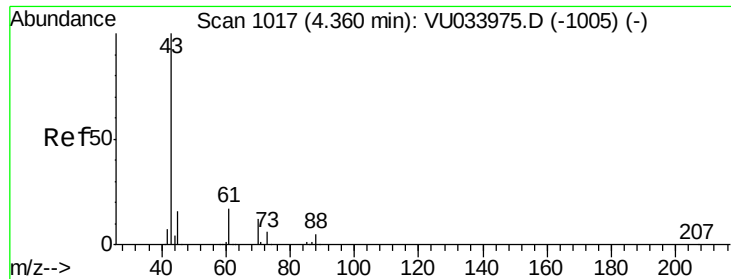
Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.4	81.7	122.5
192	19.6	18.6	27.8



#36
 1,1-Dichloropropene
 Concen: 21.375 ug/l
 RT: 5.11 min Scan# 1251
 Delta R.T. -0.00 min
 Lab File: VU033998.D
 Acq: 28 Aug 2019 02:39

Tgt Ion	Ratio	Lower	Upper
75	100		
110	33.8	18.2	54.6
77	29.8	24.8	37.2

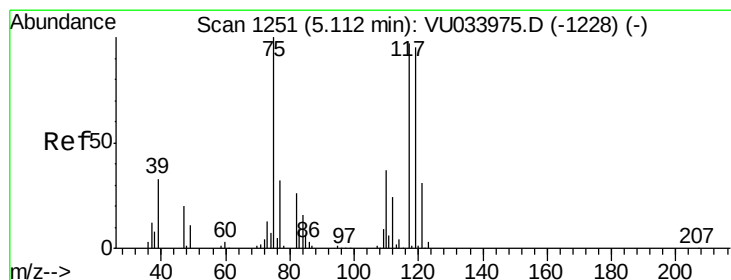
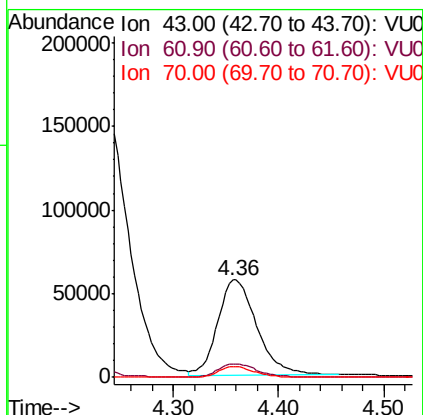
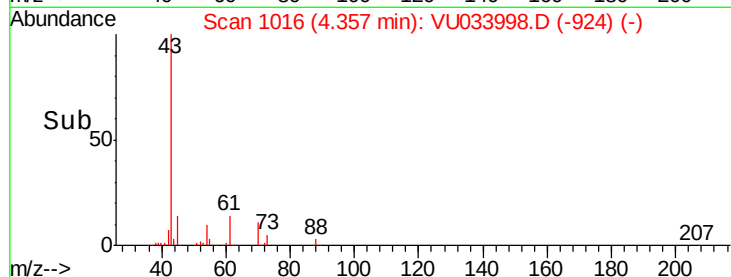
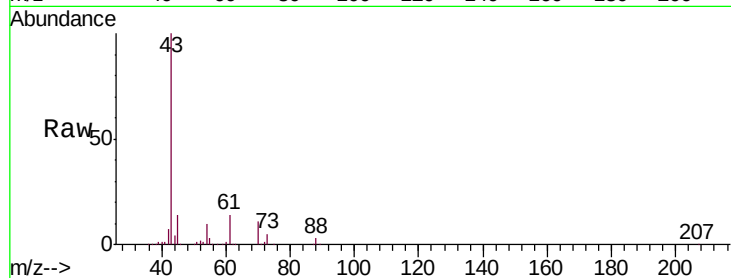




#37
Ethyl Acetate
Concen: 24.606 ug/l
RT: 4.36 min Scan# 1016
Delta R.T. -0.00 min
Lab File: VU033998.D
Acq: 28 Aug 2019 02:39

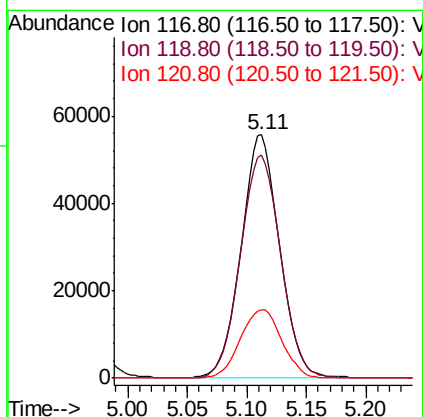
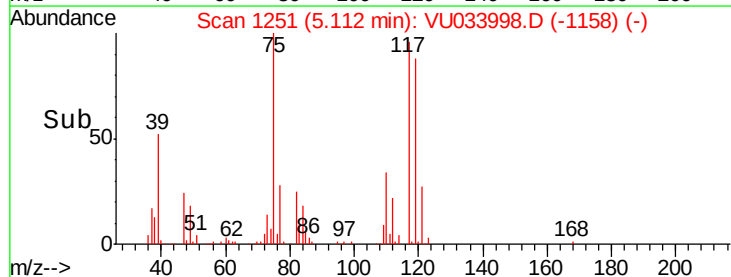
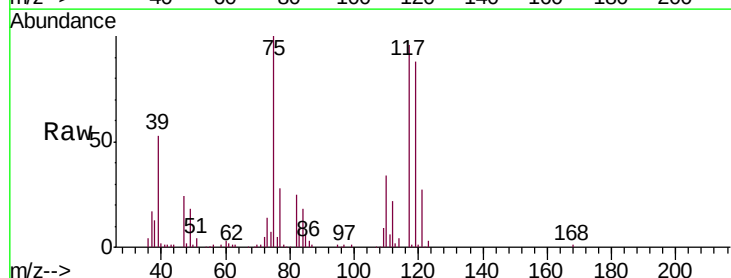
Instrument :
MSVOA_U
ClientSampleId :
VU0828WBS02

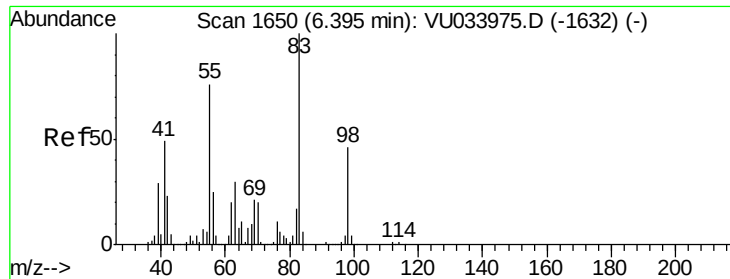
Tgt Ion: 43 Resp: 147079
Ion Ratio Lower Upper
43 100
61 13.6 12.0 18.0
70 10.4 9.2 13.8



#38
Carbon Tetrachloride
Concen: 20.442 ug/l
RT: 5.11 min Scan# 1251
Delta R.T. -0.00 min
Lab File: VU033998.D
Acq: 28 Aug 2019 02:39

Tgt Ion: 117 Resp: 124155
Ion Ratio Lower Upper
117 100
119 91.9 78.4 117.6
121 28.4 25.4 38.2

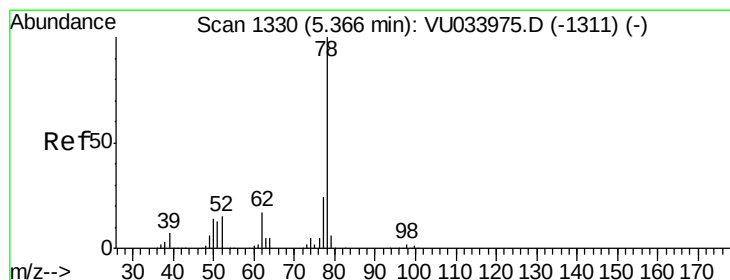
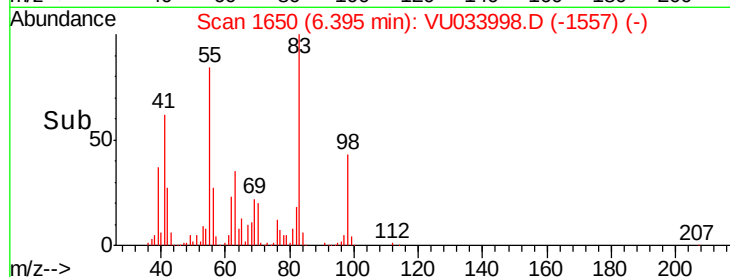
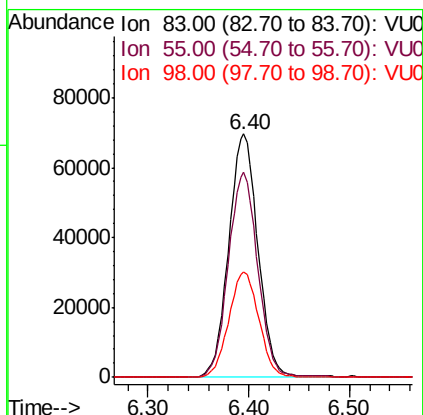
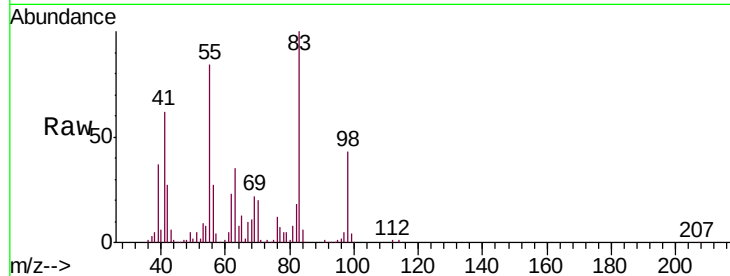




#39
Methylcyclohexane
Concen: 19.941 ug/l
RT: 6.40 min Scan# 1650
Delta R.T. -0.00 min
Lab File: VU033998.D
Acq: 28 Aug 2019 02:39

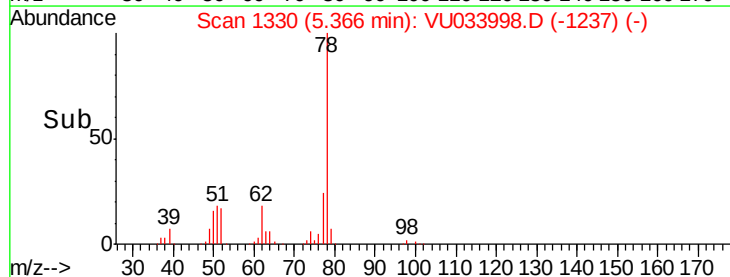
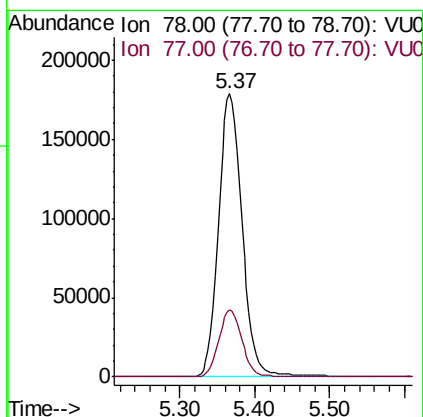
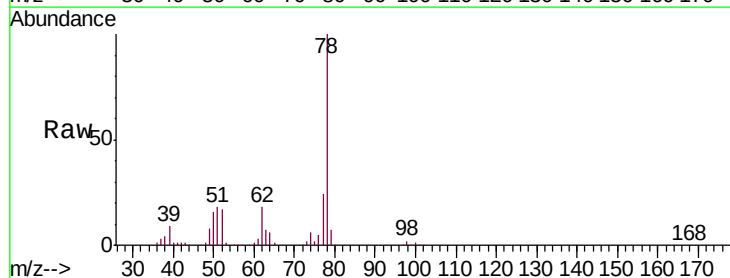
Instrument :
MSVOA_U
ClientSampleId :
VU0828WBS02

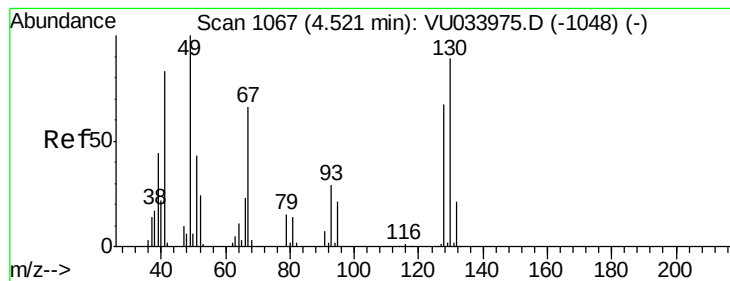
Tgt Ion: 83 Resp: 140622
Ion Ratio Lower Upper
83 100
55 84.1 60.8 91.2
98 43.3 36.5 54.7



#40
Benzene
Concen: 22.081 ug/l
RT: 5.37 min Scan# 1330
Delta R.T. -0.00 min
Lab File: VU033998.D
Acq: 28 Aug 2019 02:39

Tgt Ion: 78 Resp: 391249
Ion Ratio Lower Upper
78 100
77 23.8 19.2 28.8





#41

Methacrylonitrile

Concen: 25.118 ug/l

RT: 4.52 min Scan# 1067

Delta R.T. -0.00 min

Lab File: VU033998.D

Acq: 28 Aug 2019 02:39

Instrument :

MSVOA_U

ClientSampleId :

VU0828WBS02

Tgt Ion: 41 Resp: 77802

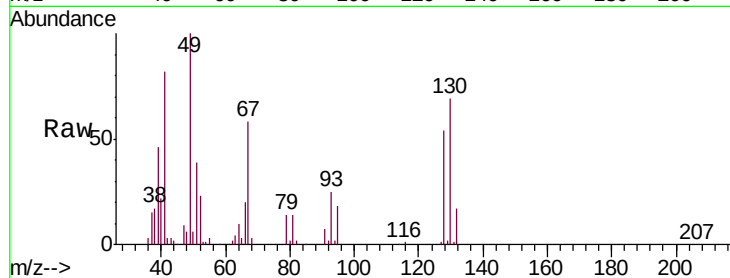
Ion Ratio Lower Upper

41 100

39 54.7 41.5 62.3

67 73.8 65.0 97.6

52 28.2 23.3 34.9

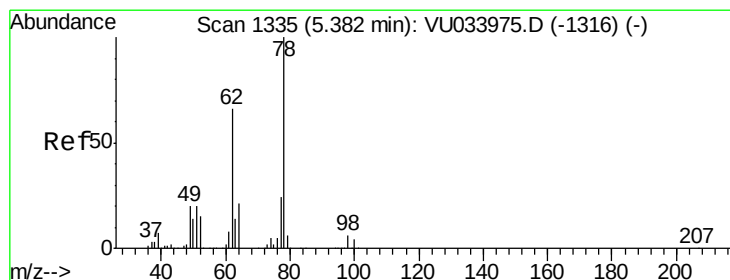
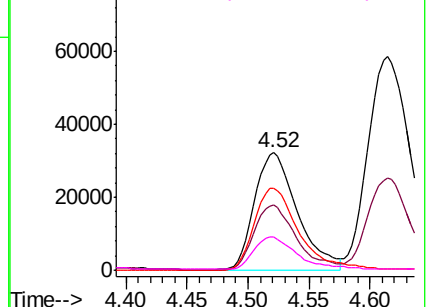
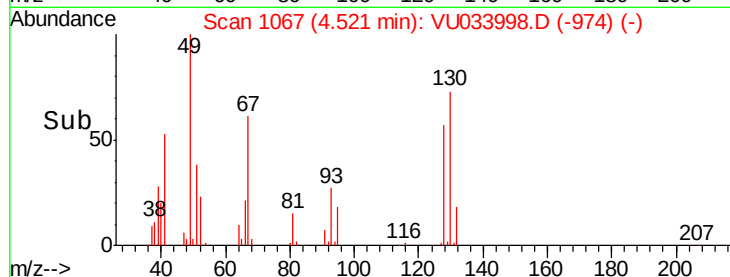


Abundance Ion 41.00 (40.70 to 41.70): VU0

Ion 39.00 (38.70 to 39.70): VU0

Ion 67.00 (66.70 to 67.70): VU0

Ion 52.00 (51.70 to 52.70): VU0



#42

1,2-Dichloroethane

Concen: 23.738 ug/l

RT: 5.38 min Scan# 1335

Delta R.T. -0.00 min

Lab File: VU033998.D

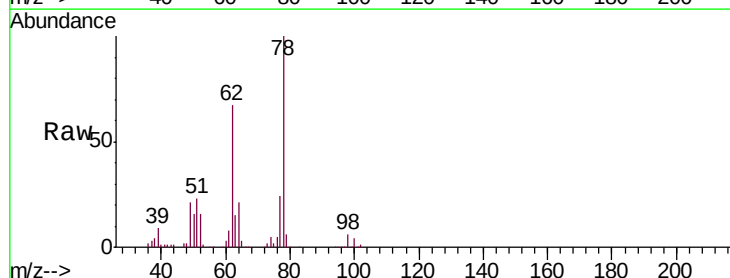
Acq: 28 Aug 2019 02:39

Tgt Ion: 62 Resp: 142235

Ion Ratio Lower Upper

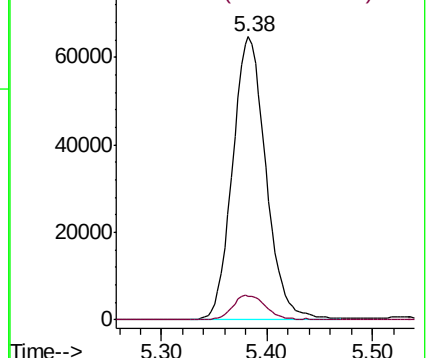
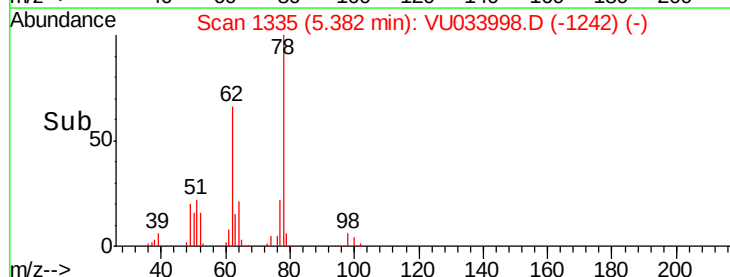
62 100

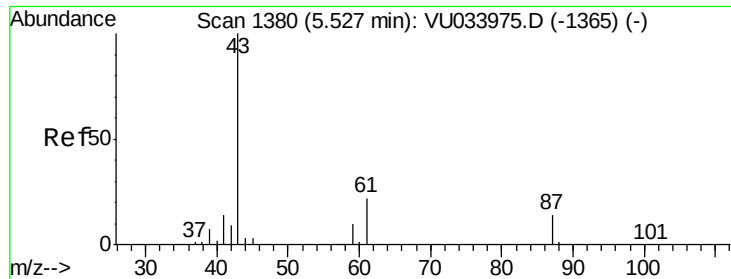
98 8.7 0.0 20.0



Abundance Ion 61.90 (61.60 to 62.60): VU0

Ion 97.90 (97.60 to 98.60): VU0





#43

Isopropyl Acetate

Concen: 24.569 ug/l

RT: 5.53 min Scan# 1380

Delta R.T. -0.00 min

Lab File: VU033998.D

Acq: 28 Aug 2019 02:39

Instrument :

MSVOA_U

ClientSampleId :

VU0828WBS02

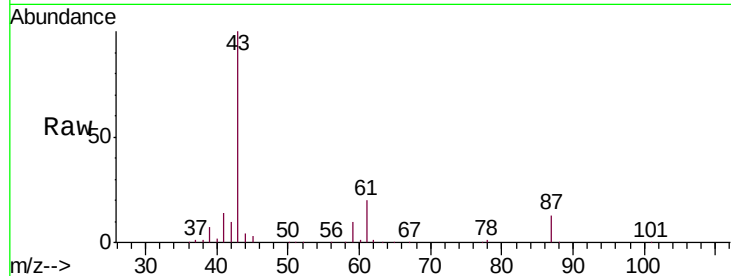
Tgt Ion: 43 Resp: 225176

Ion Ratio Lower Upper

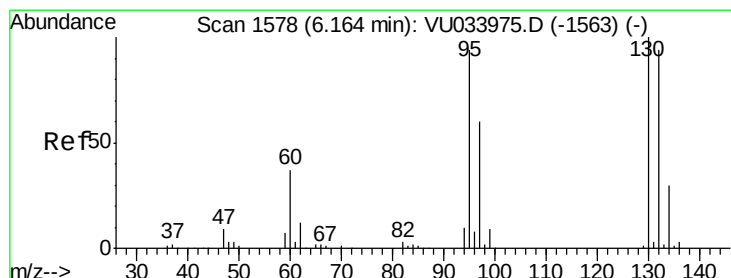
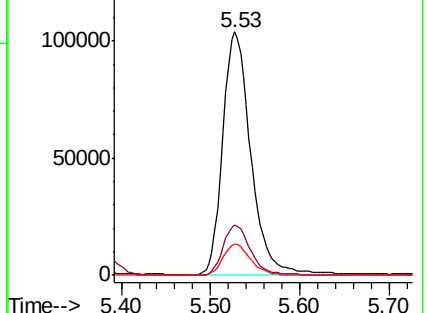
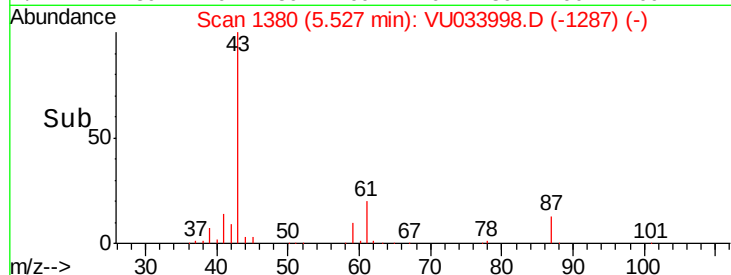
43 100

61 20.3 17.8 26.8

87 12.7 11.9 17.9



Abundance Ion 43.00 (42.70 to 43.70): VU033998.D (-1287) (-)



#44

Trichloroethene

Concen: 19.239 ug/l

RT: 6.17 min Scan# 1579

Delta R.T. 0.00 min

Lab File: VU033998.D

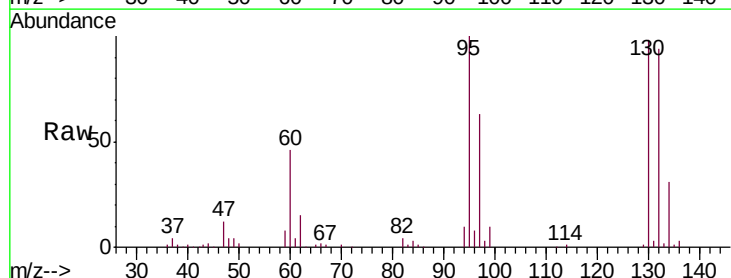
Acq: 28 Aug 2019 02:39

Tgt Ion: 130 Resp: 97202

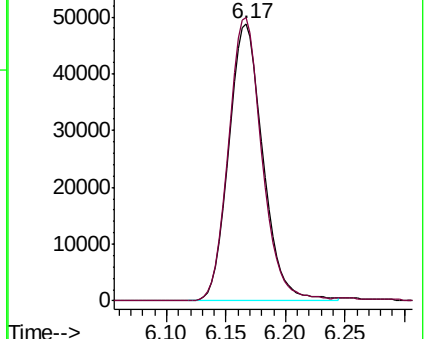
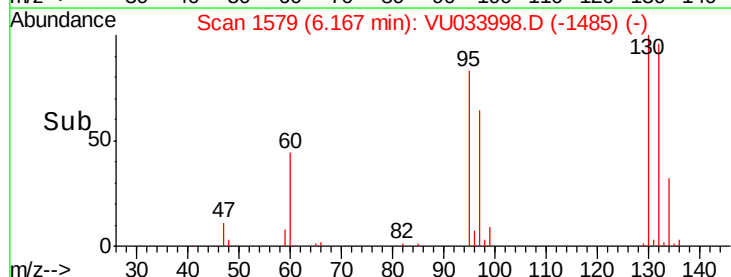
Ion Ratio Lower Upper

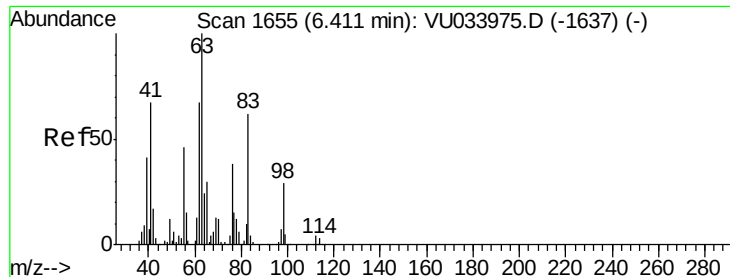
130 100

95 102.1 0.0 187.6



Abundance Ion 129.80 (129.50 to 130.50): VU033998.D (-1485) (-)

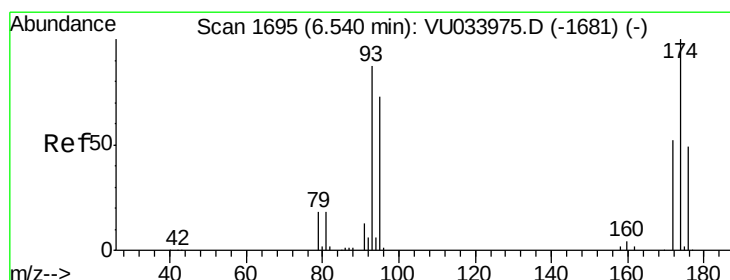
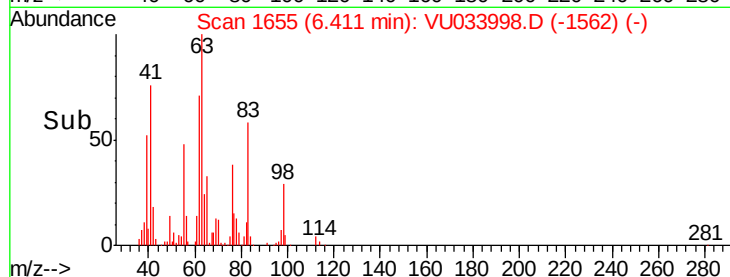
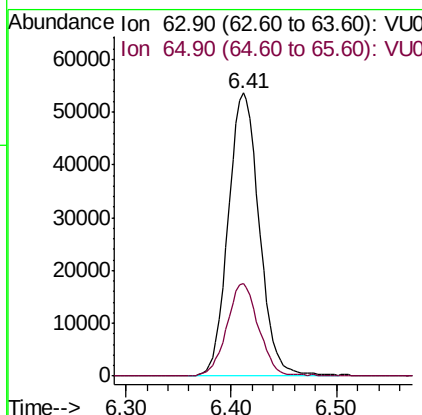
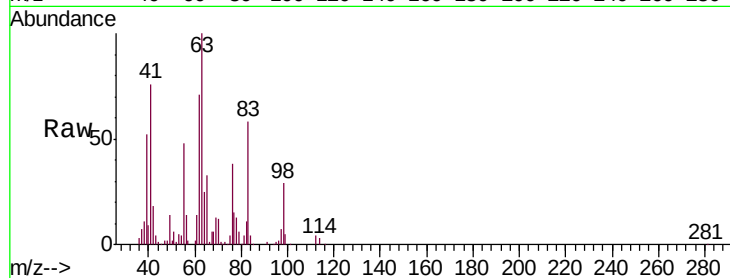




#45
 1,2-Dichloropropane
 Concen: 23.096 ug/l
 RT: 6.41 min Scan# 1655
 Delta R.T. -0.00 min
 Lab File: VU033998.D
 Acq: 28 Aug 2019 02:39

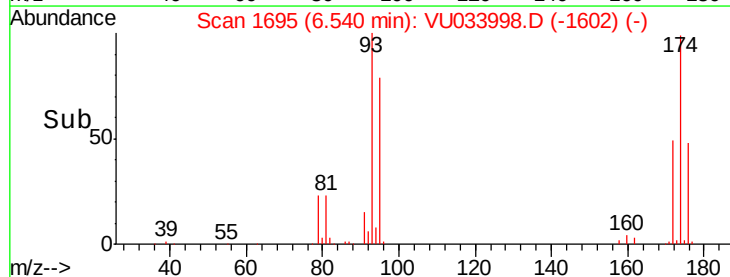
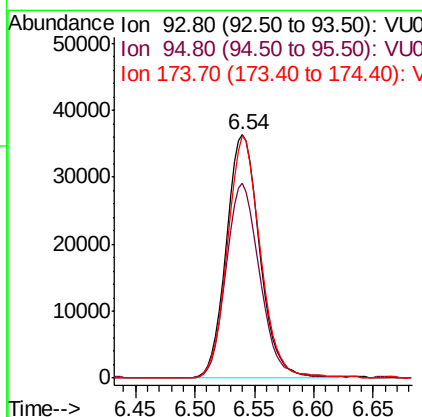
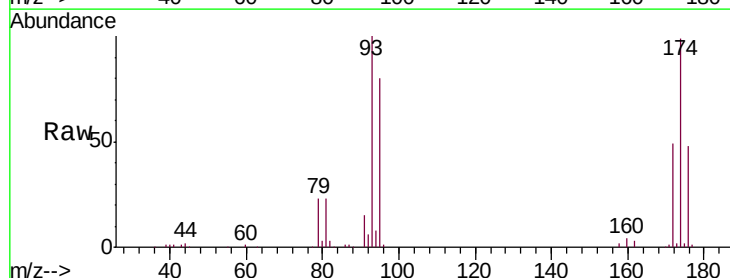
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0828WBS02

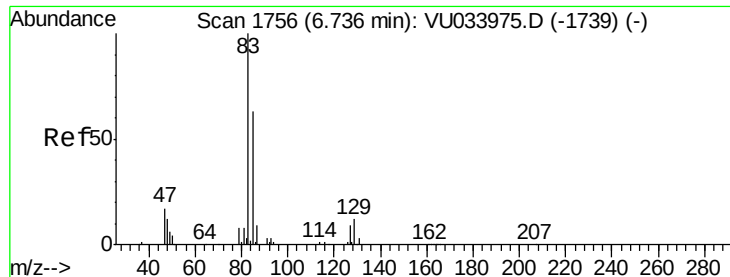
Tgt Ion: 63 Resp: 109487
 Ion Ratio Lower Upper
 63 100
 65 32.6 24.3 36.5



#46
 Dibromomethane
 Concen: 21.995 ug/l
 RT: 6.54 min Scan# 1695
 Delta R.T. -0.00 min
 Lab File: VU033998.D
 Acq: 28 Aug 2019 02:39

Tgt Ion: 93 Resp: 70909
 Ion Ratio Lower Upper
 93 100
 95 80.6 66.2 99.4
 174 97.8 92.2 138.2





#47

Bromodichloromethane

Concen: 22.083 ug/l

RT: 6.74 min Scan# 1756

Delta R.T. -0.00 min

Lab File: VU033998.D

Acq: 28 Aug 2019 02:39

Instrument :

MSVOA_U

ClientSampleId :

VU0828WBS02

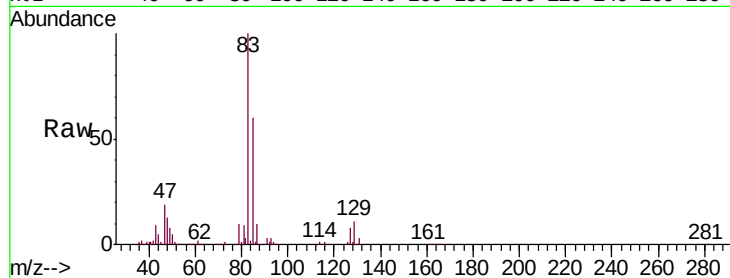
Tgt Ion: 83 Resp: 135598

Ion Ratio Lower Upper

83 100

85 59.7 50.6 76.0

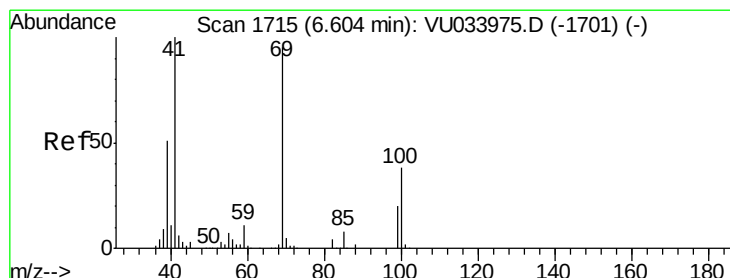
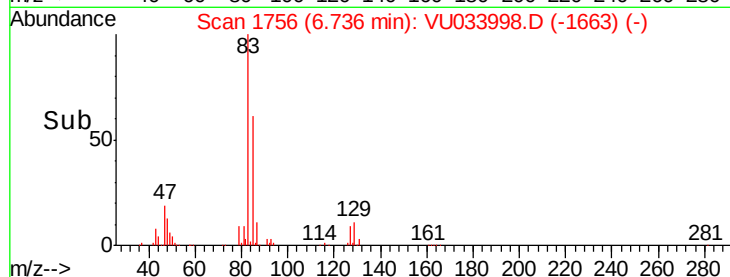
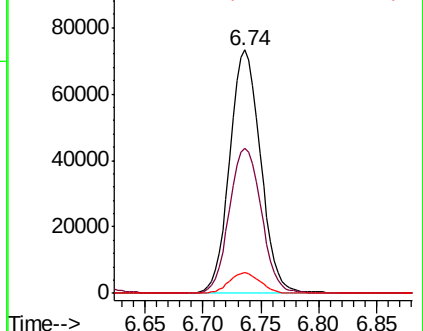
127 8.4 7.4 11.0



Abundance Ion 82.90 (82.60 to 83.60): VU033998.D (-1663) (-)

Ion 84.90 (84.60 to 85.60): VU033998.D (-1663) (-)

Ion 126.80 (126.50 to 127.50): VU033998.D (-1663) (-)



#48

Methyl methacrylate

Concen: 24.213 ug/l

RT: 6.60 min Scan# 1715

Delta R.T. -0.00 min

Lab File: VU033998.D

Acq: 28 Aug 2019 02:39

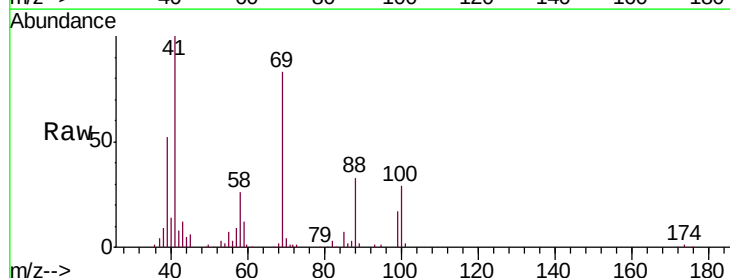
Tgt Ion: 41 Resp: 105511

Ion Ratio Lower Upper

41 100

69 85.3 76.3 114.5

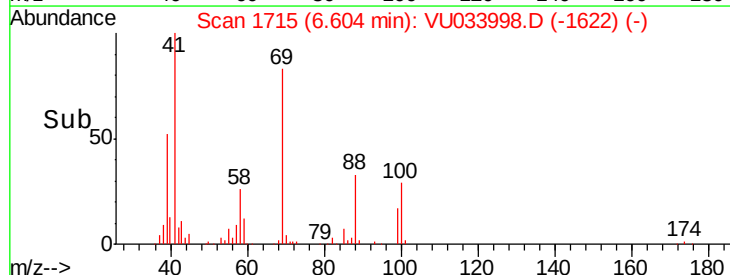
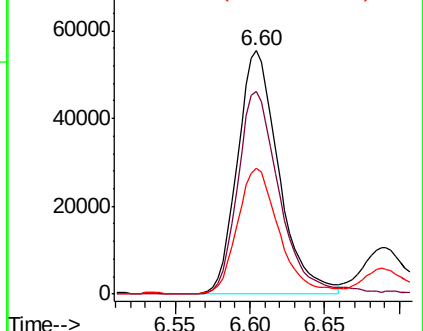
39 52.0 41.1 61.7

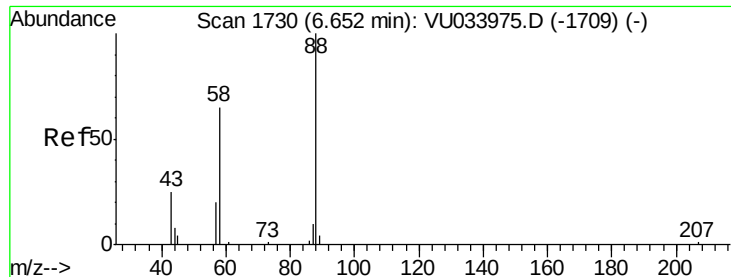


Abundance Ion 41.00 (40.70 to 41.70): VU033998.D (-1622) (-)

Ion 69.00 (68.70 to 69.70): VU033998.D (-1622) (-)

Ion 39.00 (38.70 to 39.70): VU033998.D (-1622) (-)

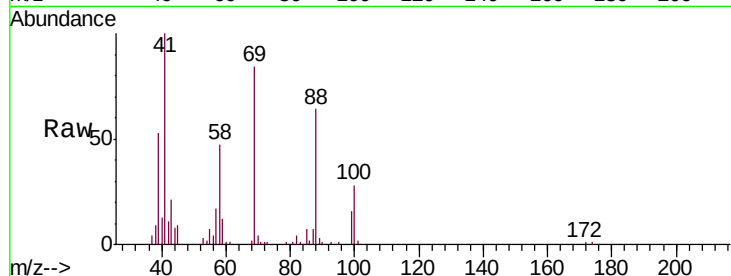




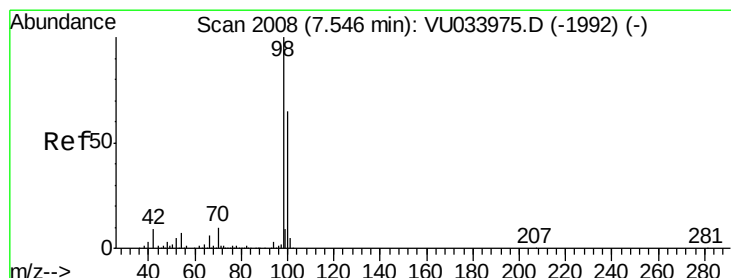
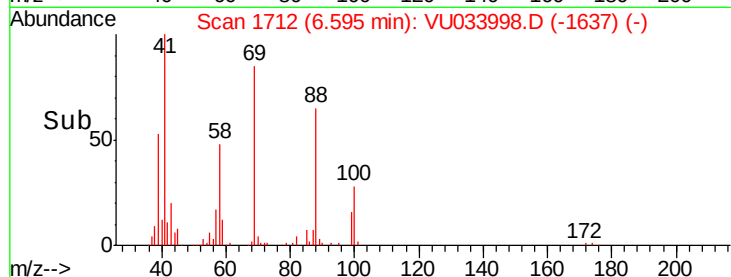
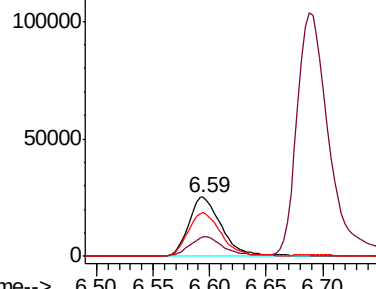
#49
 1,4-Dioxane
 Concen: 420.022 ug/l
 RT: 6.59 min Scan# 1712
 Delta R.T. -0.06 min
 Lab File: VU033998.D
 Acq: 28 Aug 2019 02:39

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0828WBS02

Tgt Ion: 88 Resp: 50231
 Ion Ratio Lower Upper
 88 100
 43 32.6 0.0 0.0#
 58 76.0 56.6 85.0

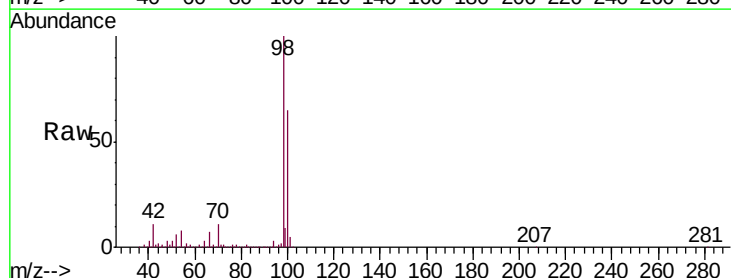


Abundance Ion 88.00 (87.70 to 88.70): VU0
 Ion 43.00 (42.70 to 43.70): VU0
 Ion 58.00 (57.70 to 58.70): VU0

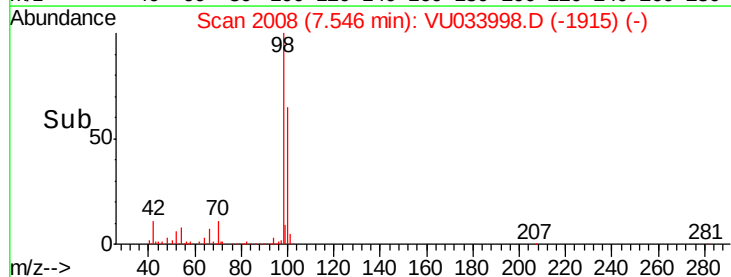
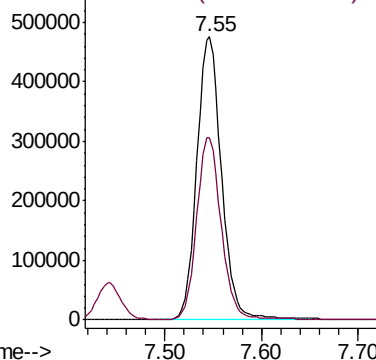


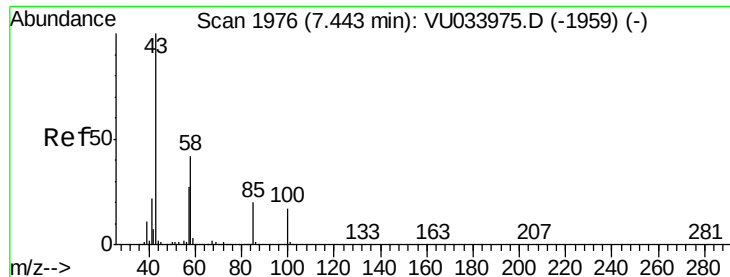
#50
 Toluene-d8
 Concen: 52.319 ug/l
 RT: 7.55 min Scan# 2008
 Delta R.T. -0.00 min
 Lab File: VU033998.D
 Acq: 28 Aug 2019 02:39

Tgt Ion: 98 Resp: 844033
 Ion Ratio Lower Upper
 98 100
 100 64.0 51.5 77.3



Abundance Ion 98.00 (97.70 to 98.70): VU0
 Ion 100.00 (99.70 to 100.70): VU0

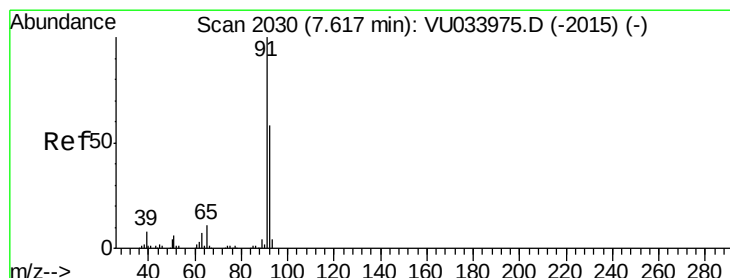
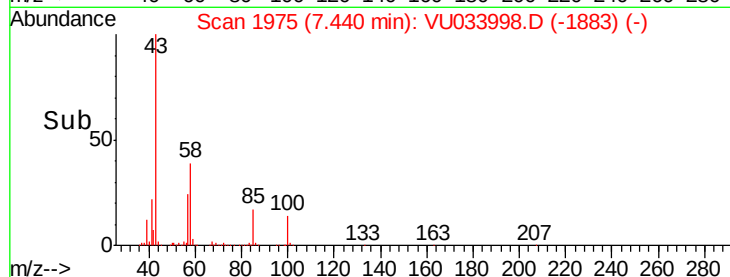
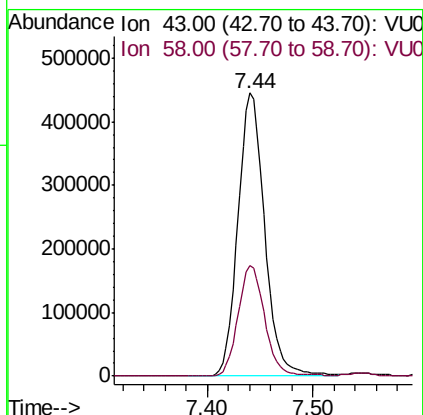
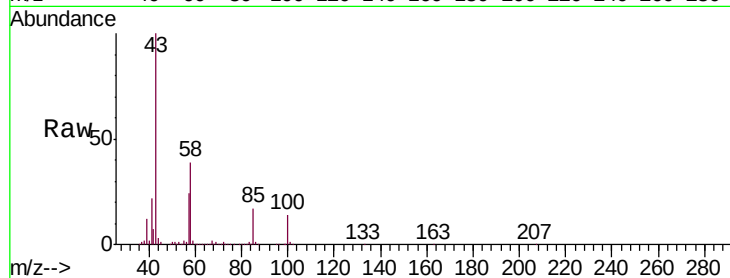




#51
 4-Methyl-2-Pentanone
 Concen: 123.817 ug/l
 RT: 7.44 min Scan# 1975
 Delta R.T. -0.00 min
 Lab File: VU033998.D
 Acq: 28 Aug 2019 02:39

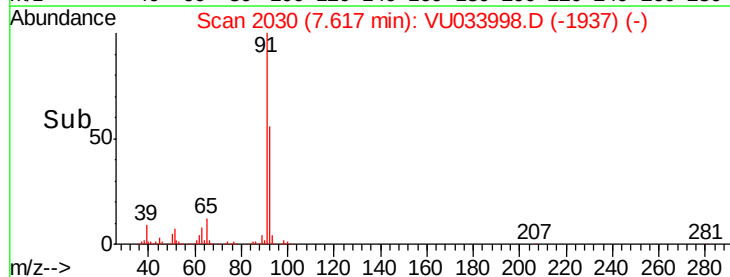
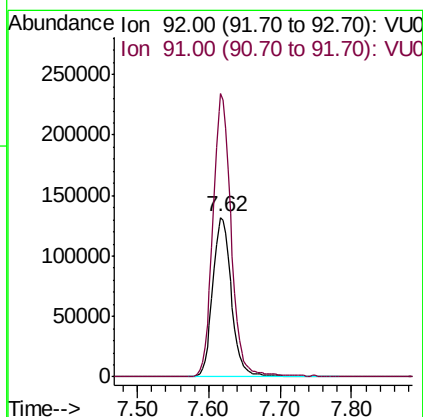
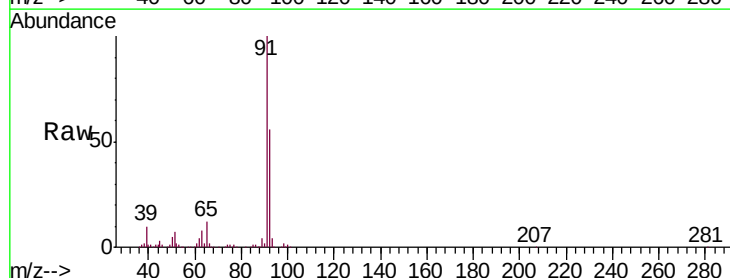
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0828WBS02

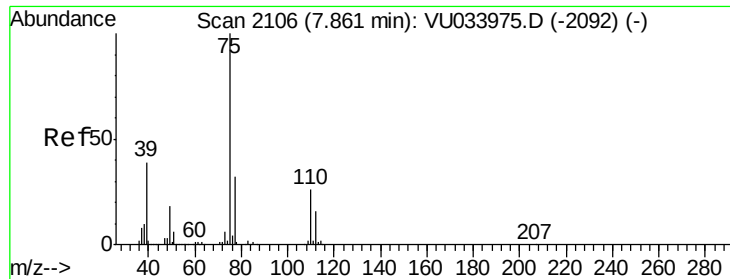
Tgt Ion: 43 Resp: 782424
 Ion Ratio Lower Upper
 43 100
 58 39.1 33.6 50.4



#52
 Toluene
 Concen: 21.630 ug/l
 RT: 7.62 min Scan# 2030
 Delta R.T. -0.00 min
 Lab File: VU033998.D
 Acq: 28 Aug 2019 02:39

Tgt Ion: 92 Resp: 241666
 Ion Ratio Lower Upper
 92 100
 91 172.4 138.8 208.2





#53

t-1,3-Dichloropropene

Concen: 20.766 ug/l

RT: 7.86 min Scan# 2106

Delta R.T. -0.00 min

Lab File: VU033998.D

Acq: 28 Aug 2019 02:39

Instrument :

MSVOA_U

ClientSampleId :

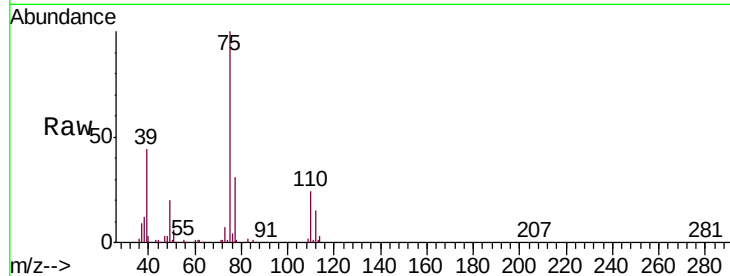
VU0828WBS02

Tgt Ion: 75 Resp: 141008

Ion Ratio Lower Upper

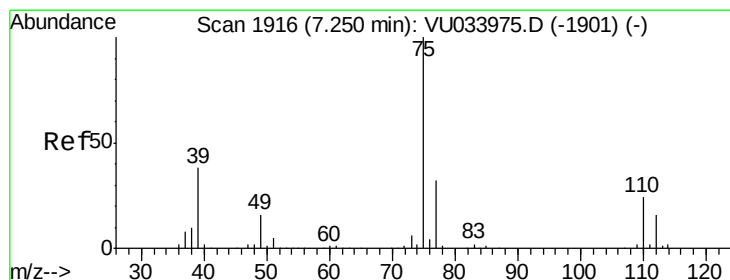
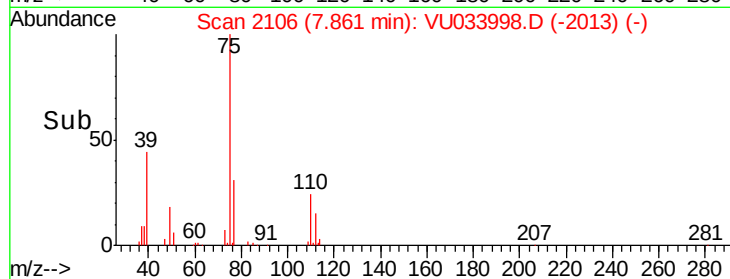
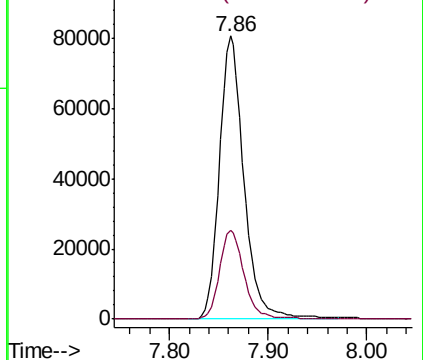
75 100

77 31.4 25.4 38.2



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: 21.233 ug/l

RT: 7.25 min Scan# 1916

Delta R.T. -0.00 min

Lab File: VU033998.D

Acq: 28 Aug 2019 02:39

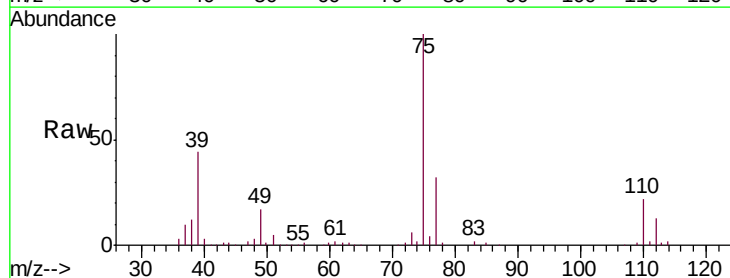
Tgt Ion: 75 Resp: 155855

Ion Ratio Lower Upper

75 100

77 31.5 25.6 38.4

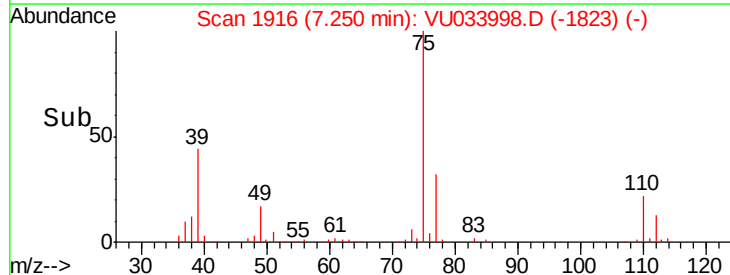
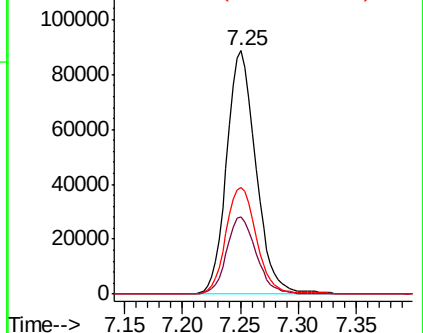
39 43.7 30.7 46.1

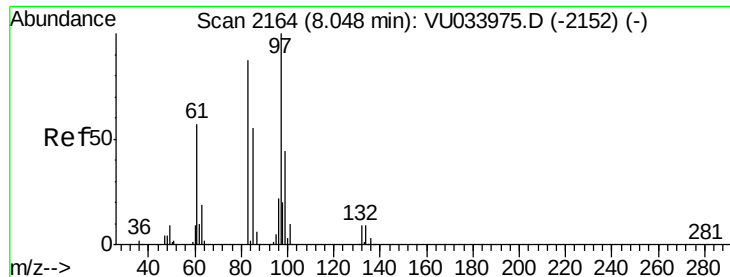


Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 76.90 (76.60 to 77.60): VU0

Ion 39.00 (38.70 to 39.70): VU0





#55

1,1,2-Trichloroethane

Concen: 20.977 ug/l

RT: 8.05 min Scan# 2164

Delta R.T. -0.00 min

Lab File: VU033998.D

Acq: 28 Aug 2019 02:39

Instrument :

MSVOA_U

ClientSampleId :

VU0828WBS02

Tgt Ion: 97 Resp: 99032

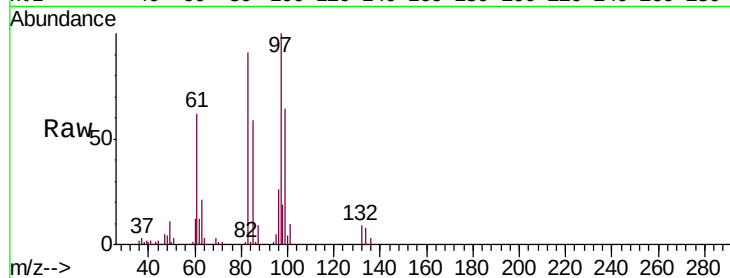
Ion Ratio Lower Upper

97 100

83 91.2 69.8 104.6

85 58.5 45.2 67.8

99 63.5 52.2 78.4

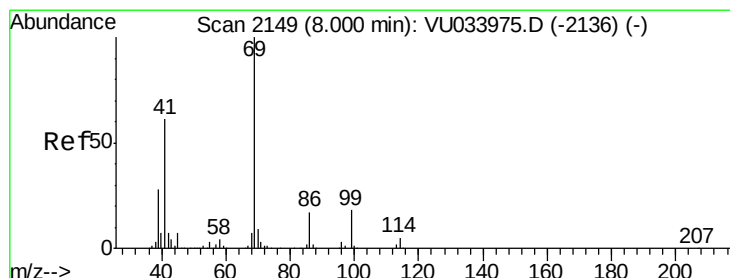
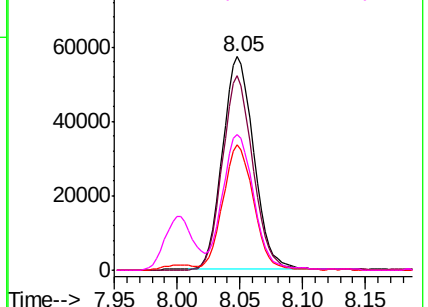
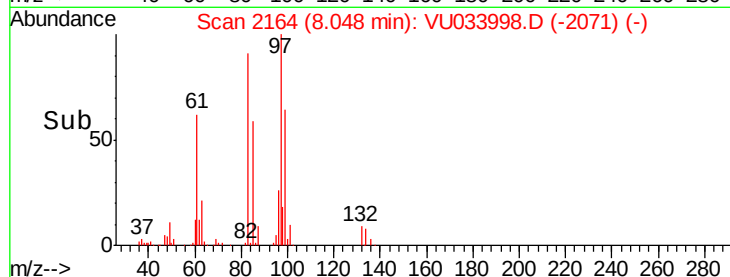


Abundance Ion 96.90 (96.60 to 97.60): VU0

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: 20.832 ug/l

RT: 8.00 min Scan# 2149

Delta R.T. 0.00 min

Lab File: VU033998.D

Acq: 28 Aug 2019 02:39

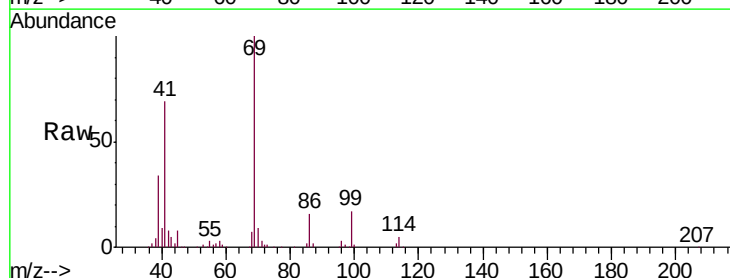
Tgt Ion: 69 Resp: 143546

Ion Ratio Lower Upper

69 100

41 66.6 48.6 72.8

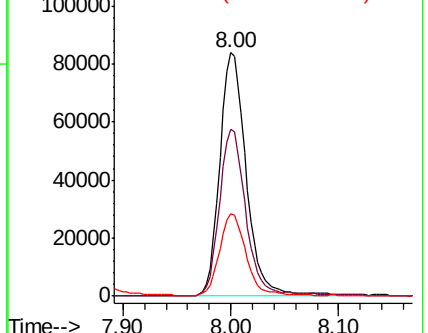
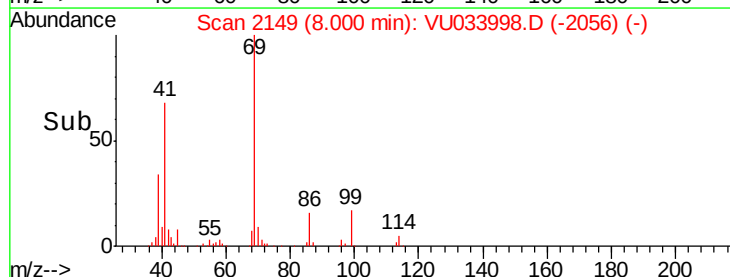
39 33.1 22.4 33.6

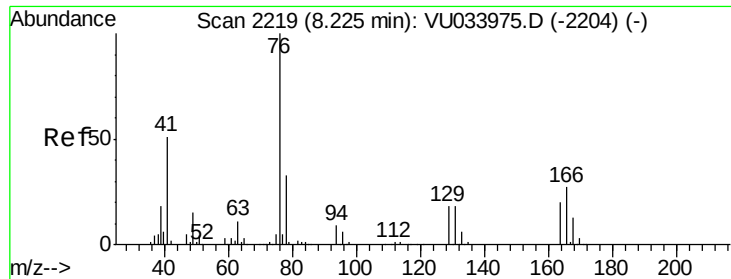


Abundance Ion 69.00 (68.70 to 69.70): VU0

Ion 41.00 (40.70 to 41.70): VU0

Ion 39.00 (38.70 to 39.70): VU0

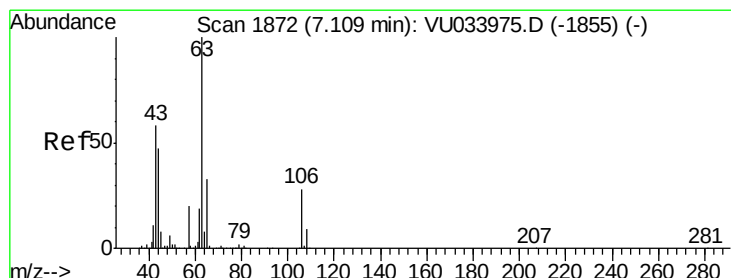
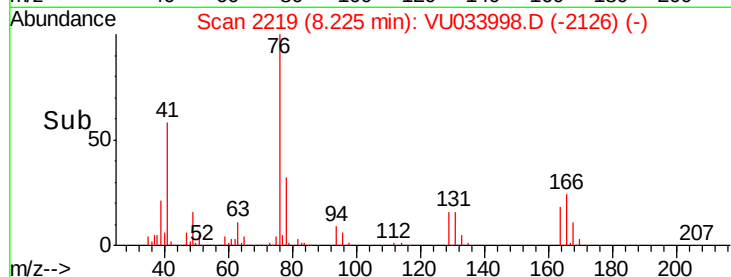
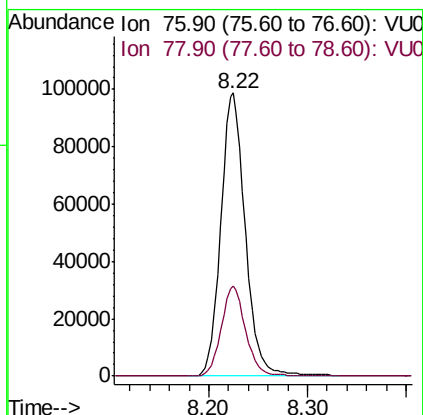
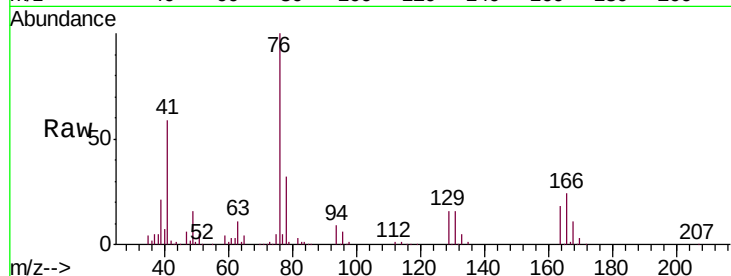




#57
 1,3-Dichloropropane
 Concen: 22.355 ug/l
 RT: 8.22 min Scan# 2219
 Delta R.T. -0.00 min
 Lab File: VU033998.D
 Acq: 28 Aug 2019 02:39

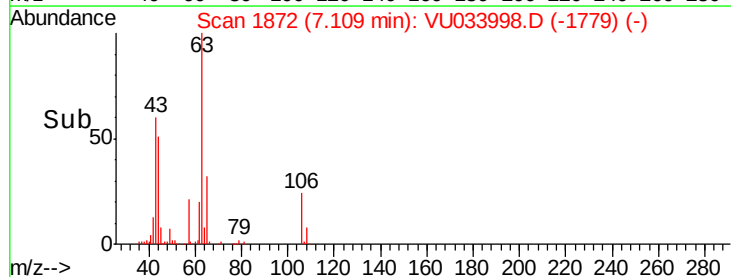
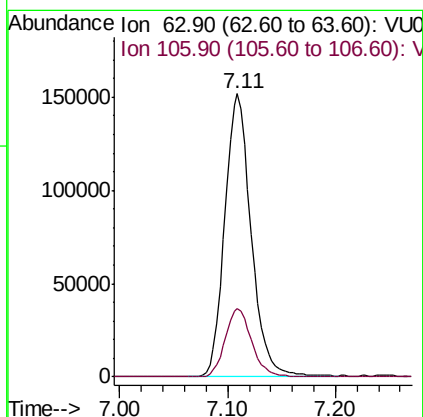
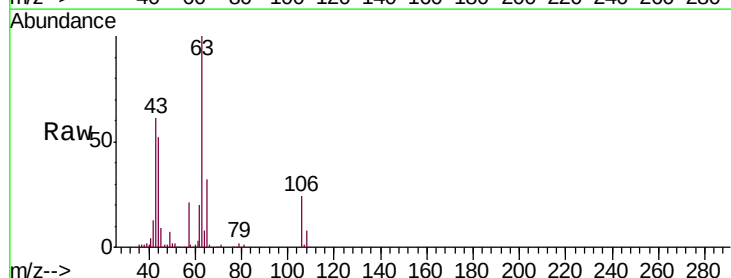
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0828WBS02

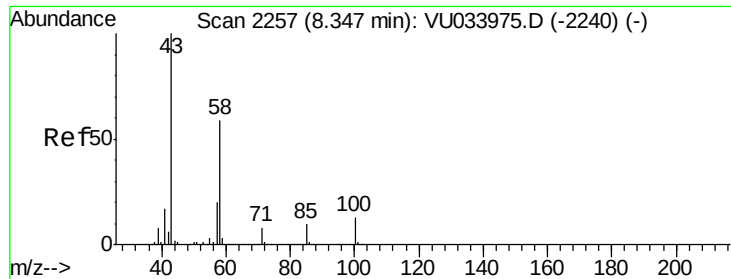
Tgt Ion: 76 Resp: 171995
 Ion Ratio Lower Upper
 76 100
 78 31.5 25.7 38.5



#58
 2-Chloroethyl Vinyl ether
 Concen: 103.775 ug/l
 RT: 7.11 min Scan# 1872
 Delta R.T. -0.00 min
 Lab File: VU033998.D
 Acq: 28 Aug 2019 02:39

Tgt Ion: 63 Resp: 259171
 Ion Ratio Lower Upper
 63 100
 106 24.4 22.4 33.6

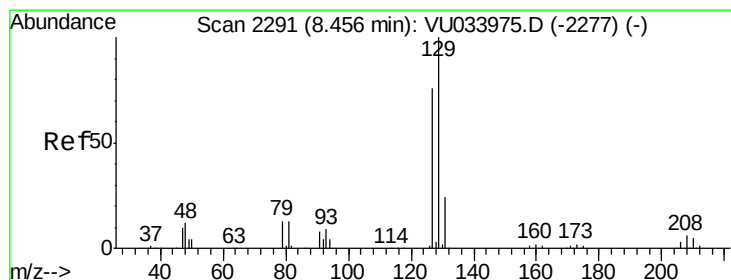
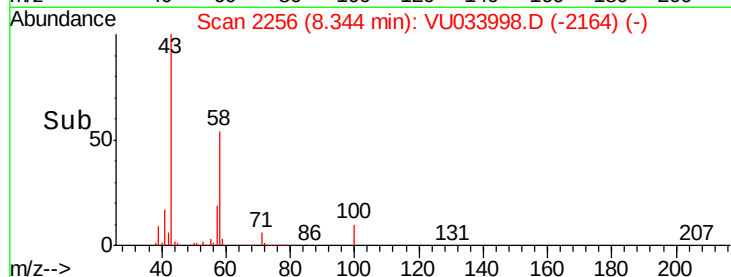
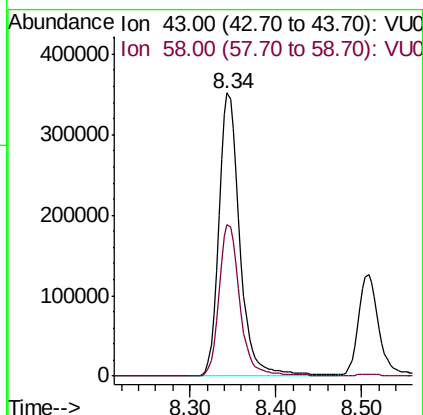
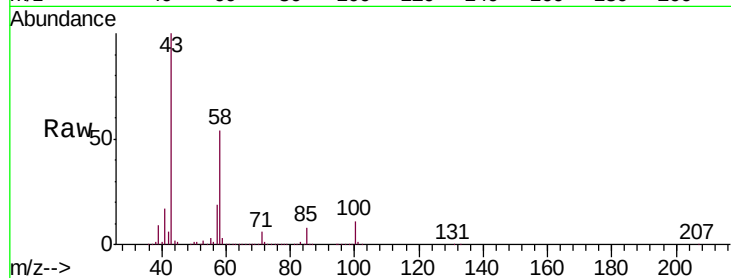




#59
2-Hexanone
Concen: 122.339 ug/l
RT: 8.34 min Scan# 2256
Delta R.T. -0.00 min
Lab File: VU033998.D
Acq: 28 Aug 2019 02:39

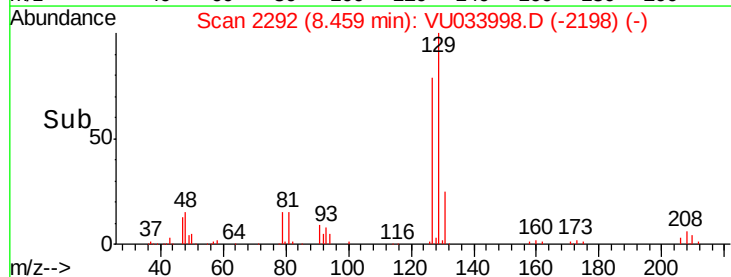
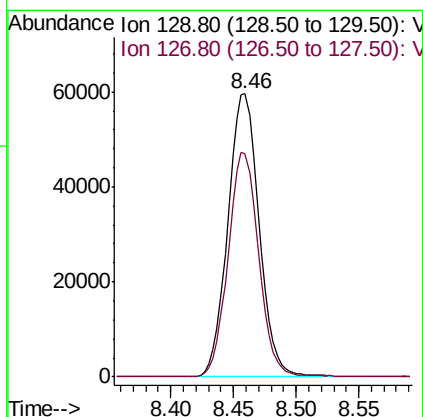
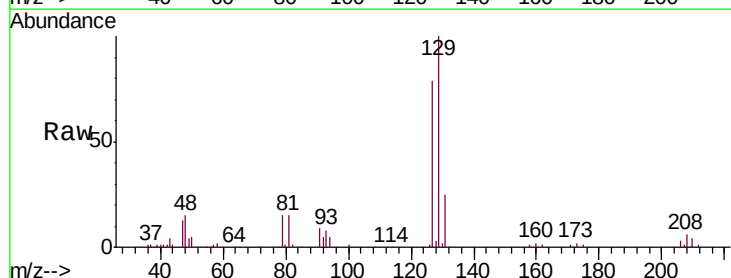
Instrument :
MSVOA_U
ClientSampleId :
VU0828WBS02

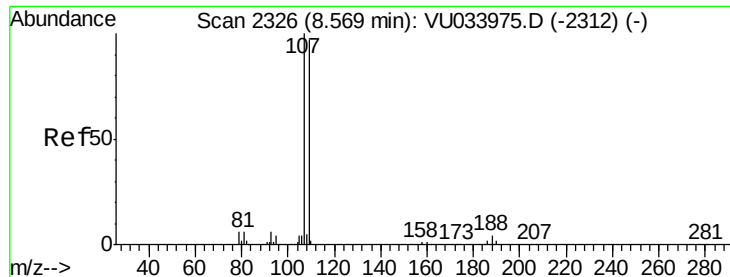
Tgt Ion: 43 Resp: 594221
Ion Ratio Lower Upper
43 100
58 53.8 29.5 88.6



#60
Dibromochloromethane
Concen: 19.463 ug/l
RT: 8.46 min Scan# 2292
Delta R.T. 0.00 min
Lab File: VU033998.D
Acq: 28 Aug 2019 02:39

Tgt Ion: 129 Resp: 103326
Ion Ratio Lower Upper
129 100
127 77.2 38.8 116.4





#61

1,2-Dibromoethane

Concen: 20.945 ug/l

RT: 8.57 min Scan# 2326

Delta R.T. -0.00 min

Lab File: VU033998.D

Acq: 28 Aug 2019 02:39

Instrument :

MSVOA_U

ClientSampleId :

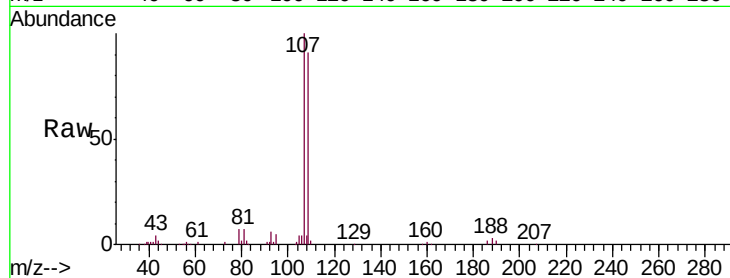
VU0828WBS02

Tgt Ion: 107 Resp: 104431

Ion Ratio Lower Upper

107 100

109 94.2 75.7 113.5



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

8.57

60000

40000

20000

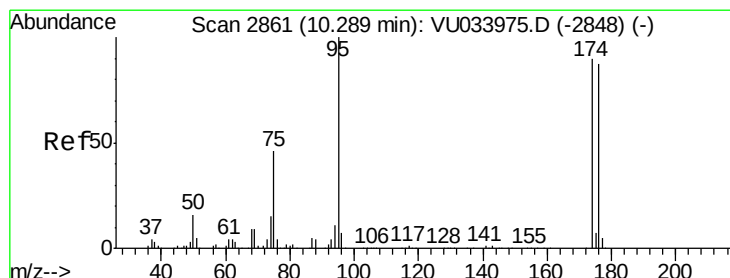
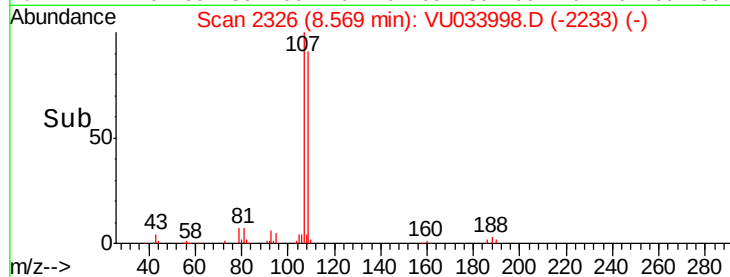
0

Time-->

8.50

8.60

8.70



#62

4-Bromofluorobenzene

Concen: 47.804 ug/l

RT: 10.29 min Scan# 2861

Delta R.T. -0.00 min

Lab File: VU033998.D

Acq: 28 Aug 2019 02:39

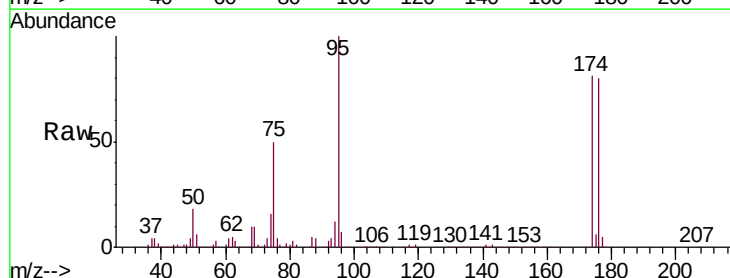
Tgt Ion: 95 Resp: 295829

Ion Ratio Lower Upper

95 100

174 81.8 0.0 183.8

176 80.0 0.0 176.4



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

250000

200000

150000

100000

50000

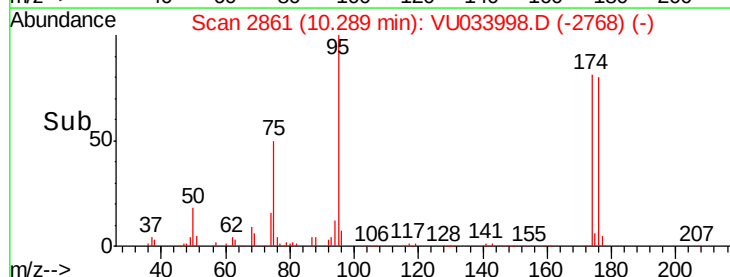
0

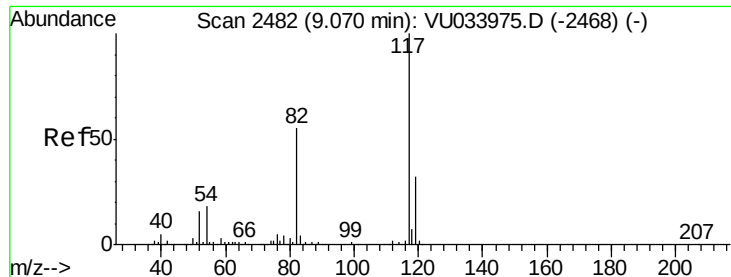
Time-->

10.20

10.30

10.40

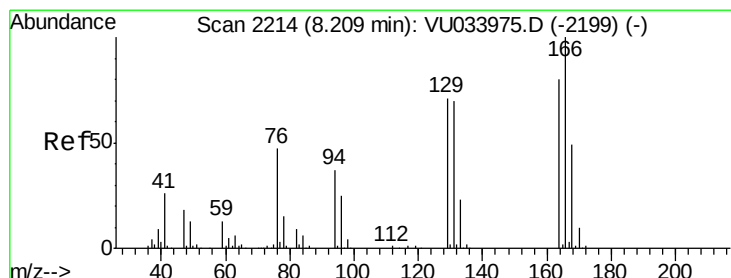
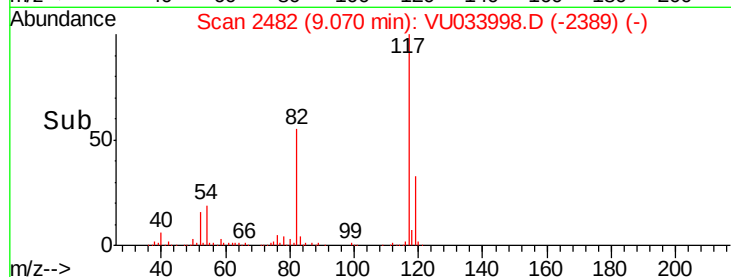
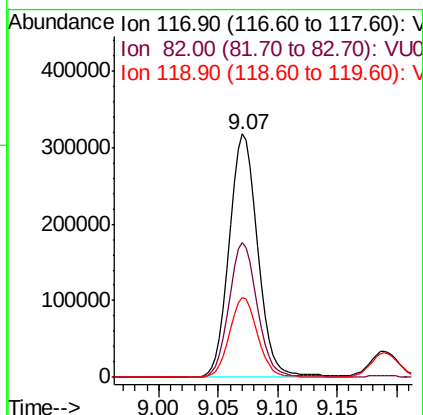
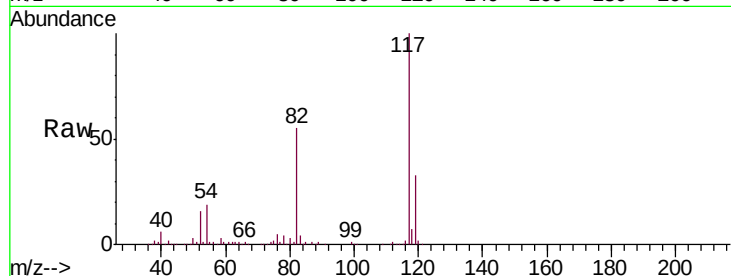




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.07 min Scan# 2482
Delta R.T. -0.00 min
Lab File: VU033998.D
Acq: 28 Aug 2019 02:39

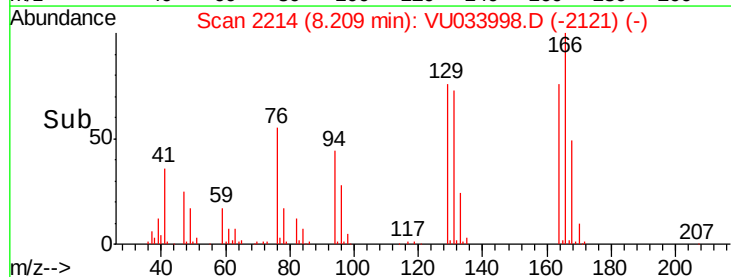
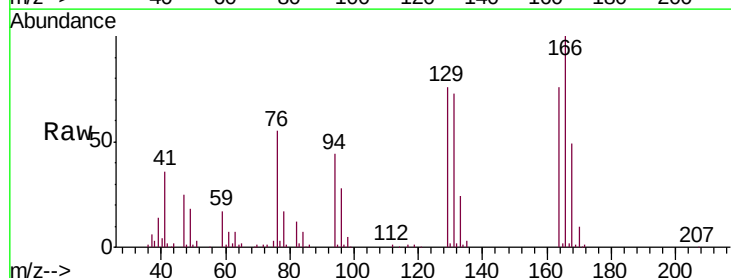
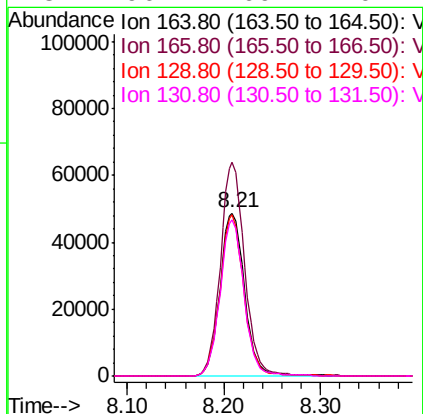
Instrument :
MSVOA_U
ClientSampleId :
VU0828WBS02

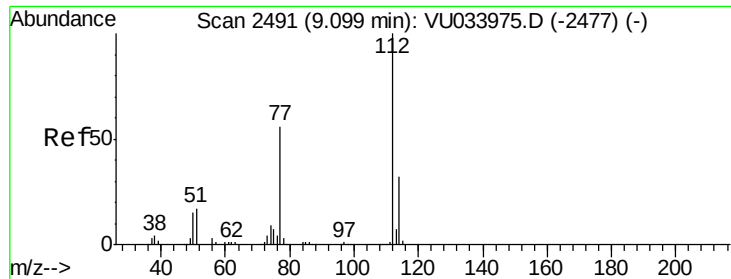
Tgt Ion:117 Resp: 530259
Ion Ratio Lower Upper
117 100
82 55.4 43.8 65.8
119 32.7 25.7 38.5



#64
Tetrachloroethene
Concen: 20.251 ug/l
RT: 8.21 min Scan# 2214
Delta R.T. -0.00 min
Lab File: VU033998.D
Acq: 28 Aug 2019 02:39

Tgt Ion:164 Resp: 86340
Ion Ratio Lower Upper
164 100
166 131.1 99.5 149.3
129 99.1 70.9 106.3
131 96.2 69.4 104.2





#65

Chlorobenzene

Concen: 19.949 ug/l

RT: 9.10 min Scan# 2491

Delta R.T. -0.00 min

Lab File: VU033998.D

Acq: 28 Aug 2019 02:39

Instrument :

MSVOA_U

ClientSampleId :

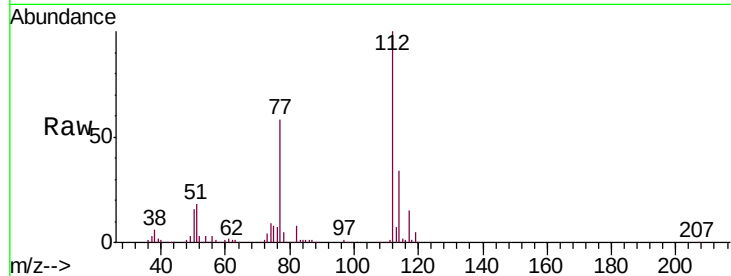
VU0828WBS02

Tgt Ion:112 Resp: 217822

Ion Ratio Lower Upper

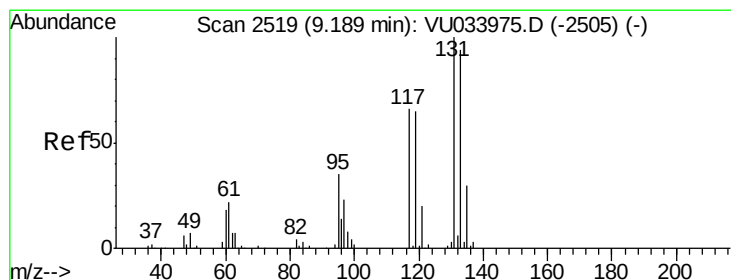
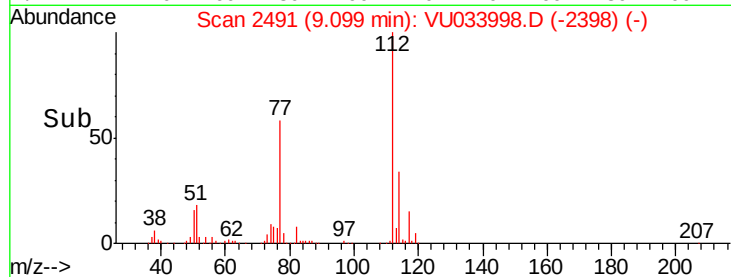
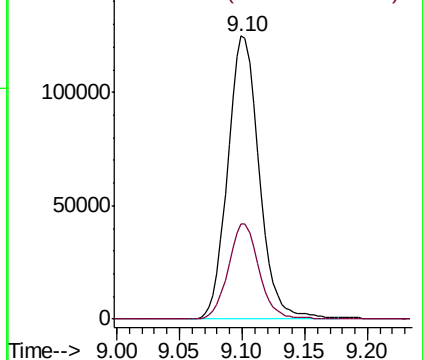
112 100

114 33.6 25.8 38.8



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 19.913 ug/l

RT: 9.19 min Scan# 2519

Delta R.T. -0.00 min

Lab File: VU033998.D

Acq: 28 Aug 2019 02:39

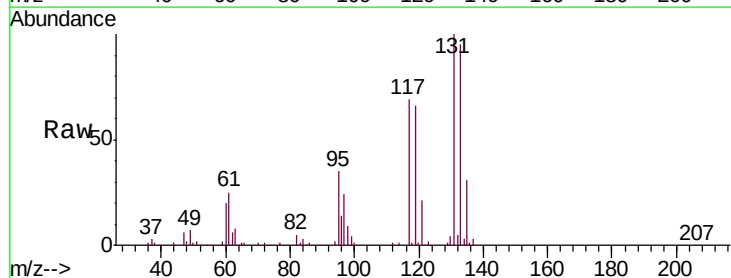
Tgt Ion:131 Resp: 81065

Ion Ratio Lower Upper

131 100

133 96.1 47.6 142.9

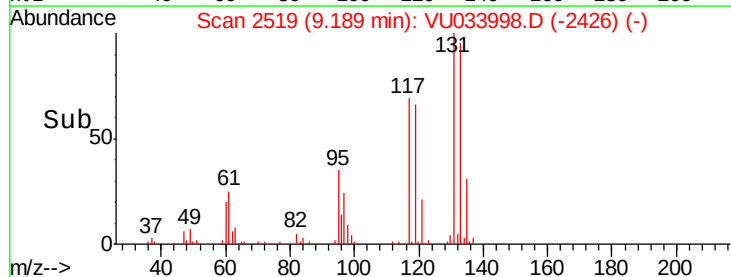
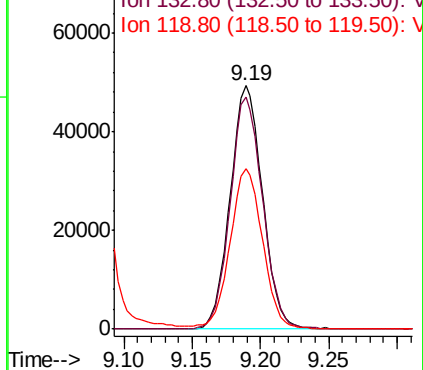
119 66.0 33.0 98.9

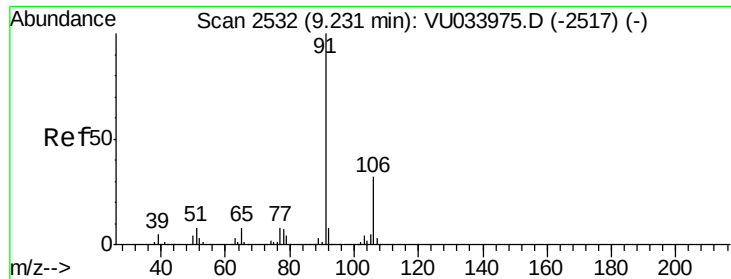


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 20.376 ug/l

RT: 9.23 min Scan# 2532

Delta R.T. -0.00 min

Lab File: VU033998.D

Acq: 28 Aug 2019 02:39

Instrument :

MSVOA_U

ClientSampleId :

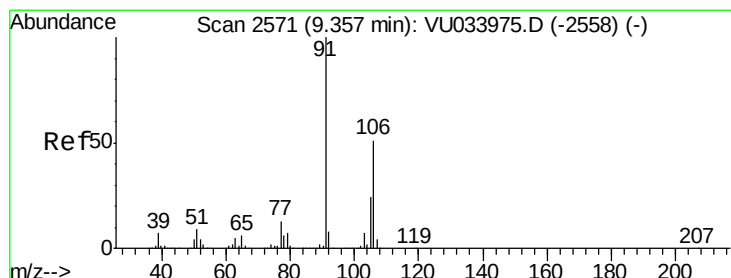
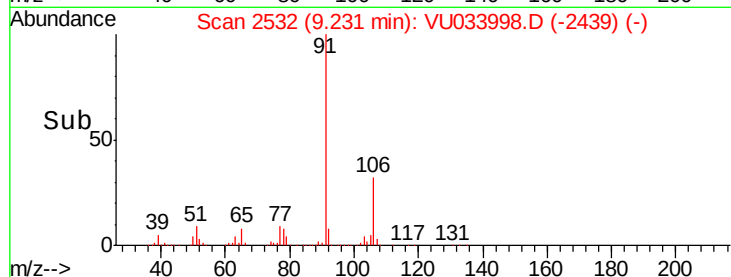
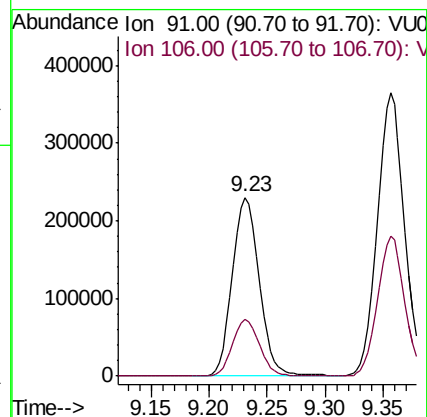
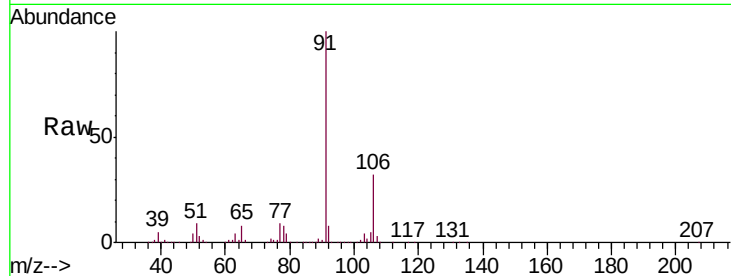
VU0828WBS02

Tgt Ion: 91 Resp: 370958

Ion Ratio Lower Upper

91 100

106 31.6 25.4 38.0



#68

m/p-Xylenes

Concen: 42.215 ug/l

RT: 9.36 min Scan# 2571

Delta R.T. -0.00 min

Lab File: VU033998.D

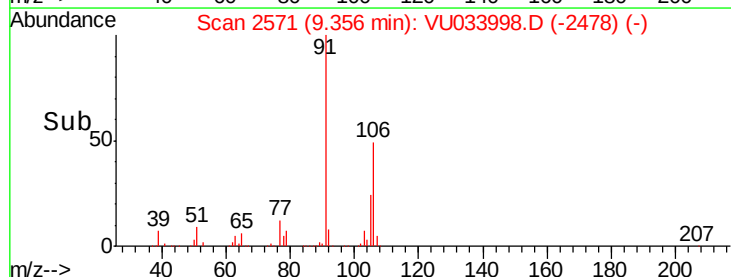
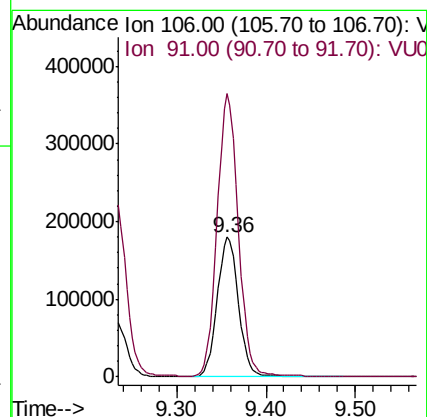
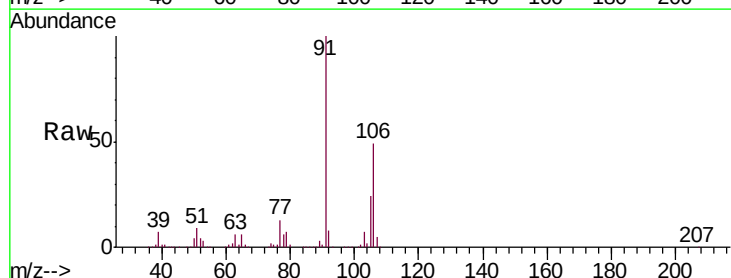
Acq: 28 Aug 2019 02:39

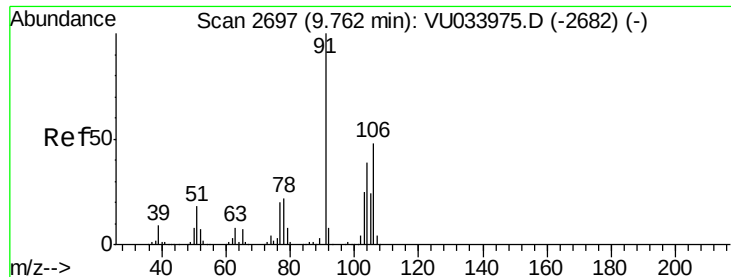
Tgt Ion: 106 Resp: 296399

Ion Ratio Lower Upper

106 100

91 202.1 158.4 237.6

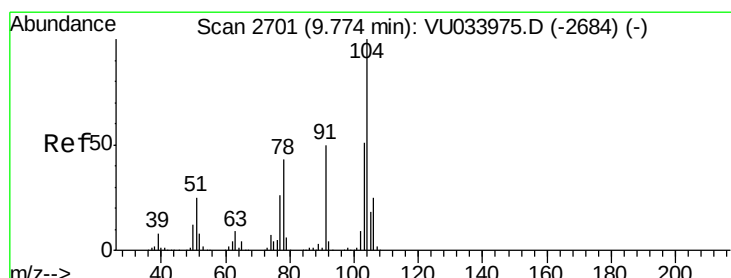
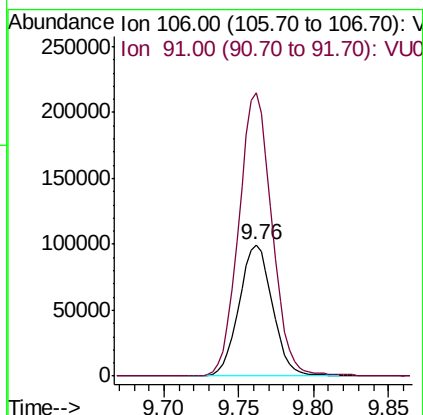
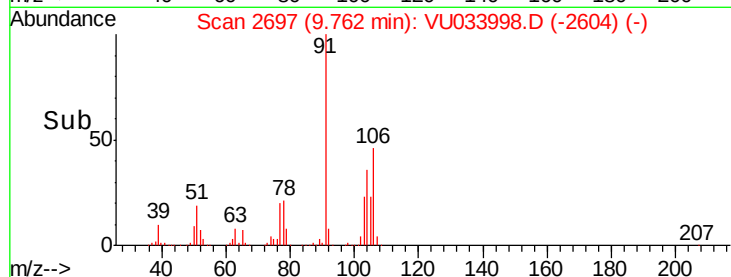
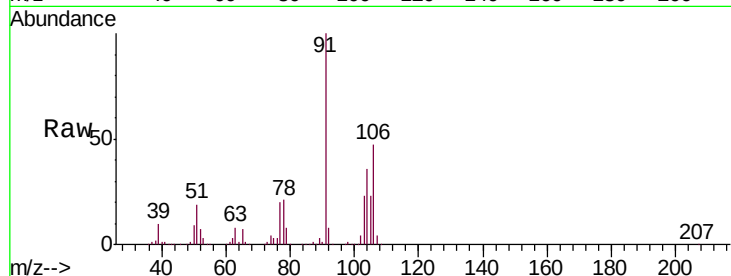




#69
o-Xylene
Concen: 23.135 ug/l
RT: 9.76 min Scan# 2697
Delta R.T. -0.00 min
Lab File: VU033998.D
Acq: 28 Aug 2019 02:39

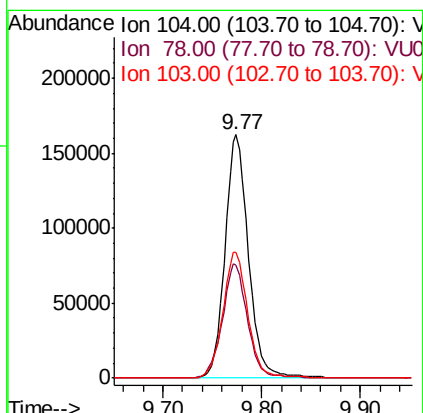
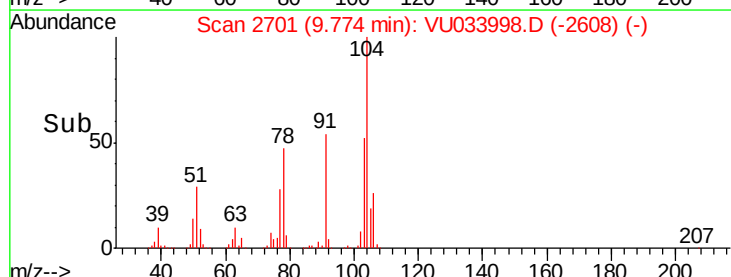
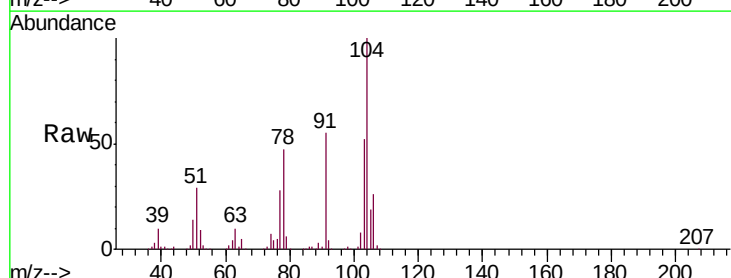
Instrument :
MSVOA_U
ClientSampleId :
VU0828WBS02

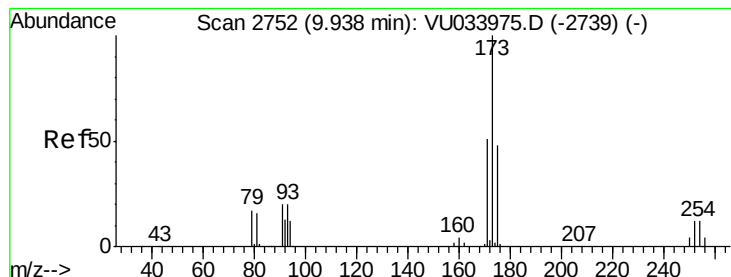
Tgt Ion:106 Resp: 155297
Ion Ratio Lower Upper
106 100
91 214.8 104.5 313.3



#70
Styrene
Concen: 23.626 ug/l
RT: 9.77 min Scan# 2701
Delta R.T. -0.00 min
Lab File: VU033998.D
Acq: 28 Aug 2019 02:39

Tgt Ion:104 Resp: 271436
Ion Ratio Lower Upper
104 100
78 50.2 37.5 56.3
103 55.2 43.9 65.9





#71

Bromoform

Concen: 20.613 ug/l

RT: 9.94 min Scan# 2752

Delta R.T. -0.00 min

Lab File: VU033998.D

Acq: 28 Aug 2019 02:39

Instrument :

MSVOA_U

ClientSampleId :

VU0828WBS02

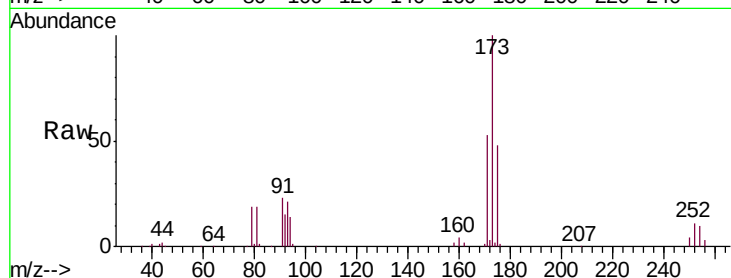
Tgt Ion:173 Resp: 74282

Ion Ratio Lower Upper

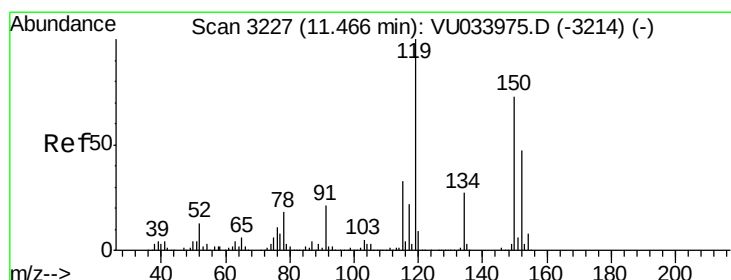
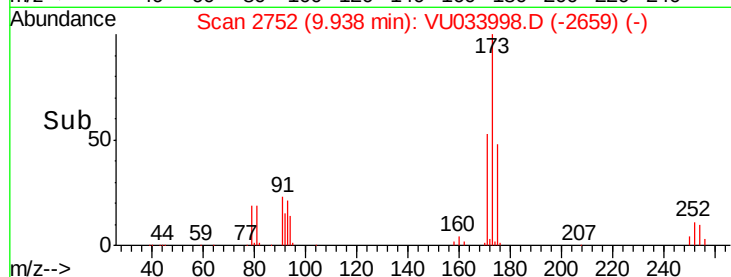
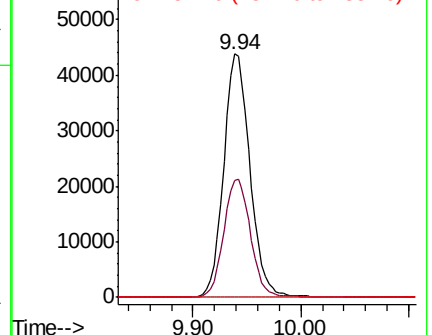
173 100

175 49.2 24.3 72.9

254 0.1 0.1 0.1#



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: 11.47 min Scan# 3227

Delta R.T. -0.00 min

Lab File: VU033998.D

Acq: 28 Aug 2019 02:39

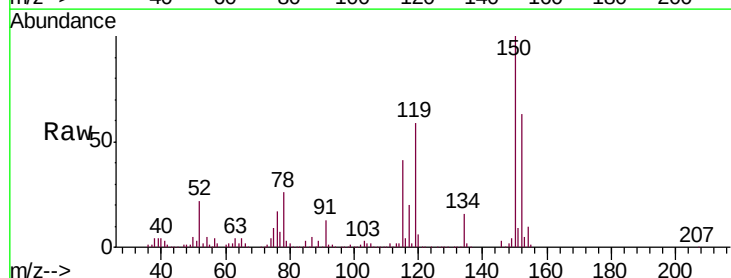
Tgt Ion:152 Resp: 312703

Ion Ratio Lower Upper

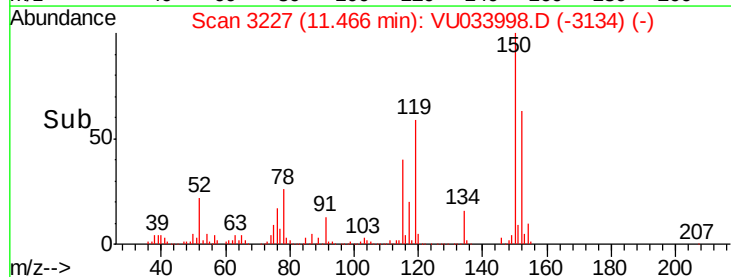
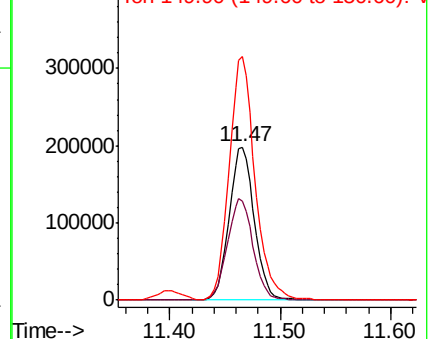
152 100

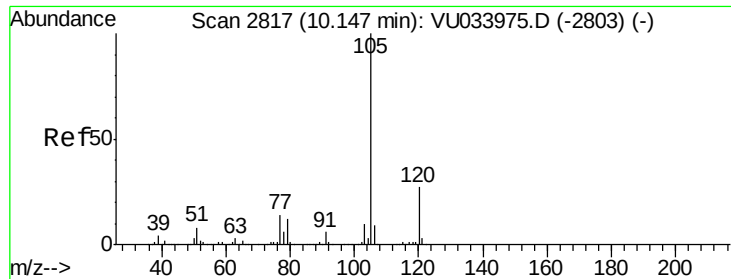
115 67.7 38.6 115.7

150 163.5 0.0 343.8



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: 19.807 ug/l

RT: 10.15 min Scan# 2817

Delta R.T. -0.00 min

Lab File: VU033998.D

Acq: 28 Aug 2019 02:39

Instrument :

MSVOA_U

ClientSampleId :

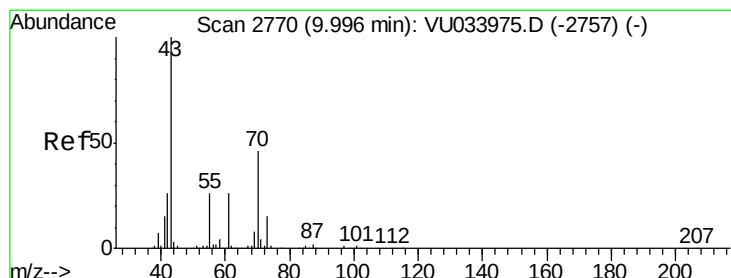
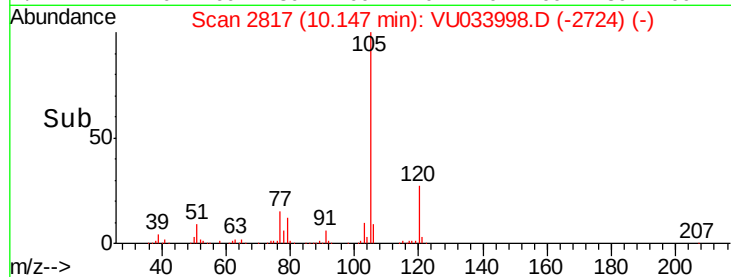
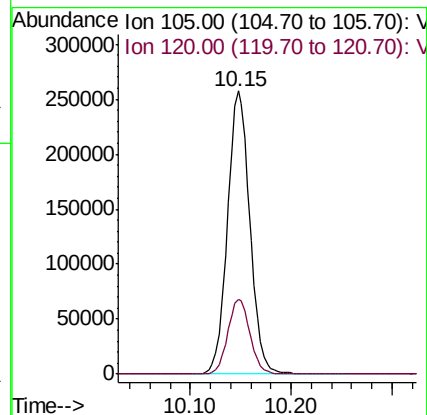
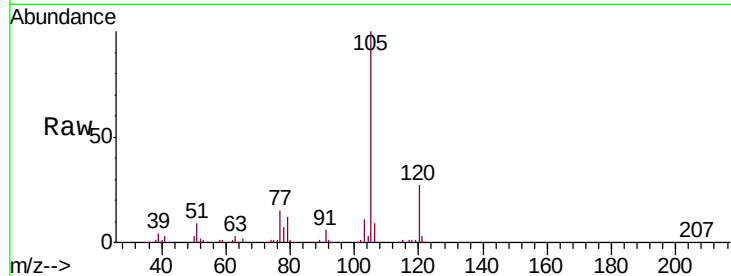
VU0828WBS02

Tgt Ion: 105 Resp: 398620

Ion Ratio Lower Upper

105 100

120 26.4 13.5 40.5



#74

N-ethyl acetate

Concen: 25.238 ug/l

RT: 10.00 min Scan# 2770

Delta R.T. -0.00 min

Lab File: VU033998.D

Acq: 28 Aug 2019 02:39

Tgt Ion: 43 Resp: 190663

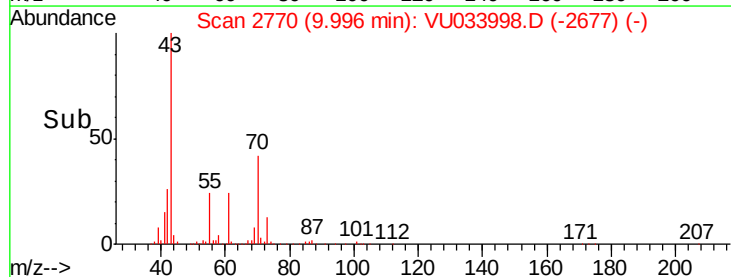
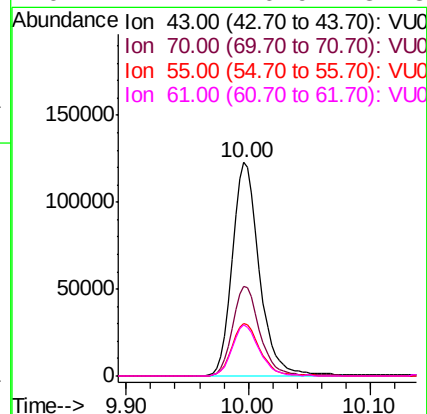
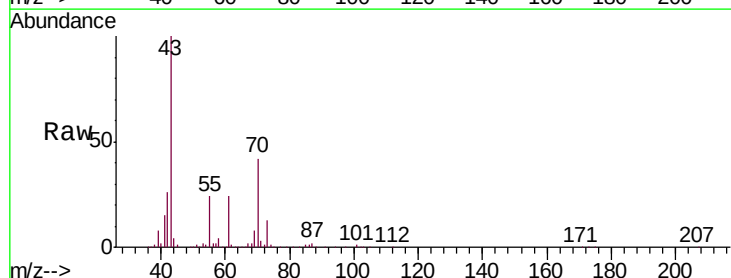
Ion Ratio Lower Upper

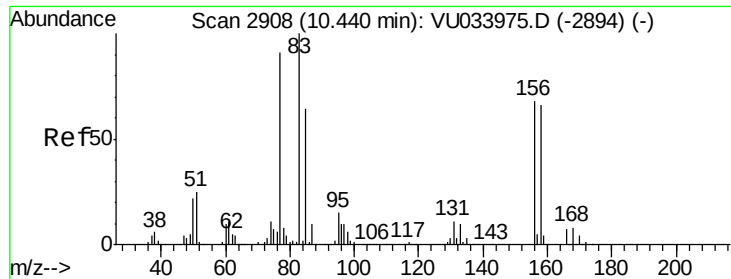
43 100

70 42.3 37.4 56.0

55 25.9 21.0 31.4

61 24.2 20.9 31.3





#75

1,1,2,2-Tetrachloroethane

Concen: 20.784 ug/l

RT: 10.44 min Scan# 2908

Delta R.T. -0.00 min

Lab File: VU033998.D

Acq: 28 Aug 2019 02:39

Instrument :

MSVOA_U

ClientSampleId :

VU0828WBS02

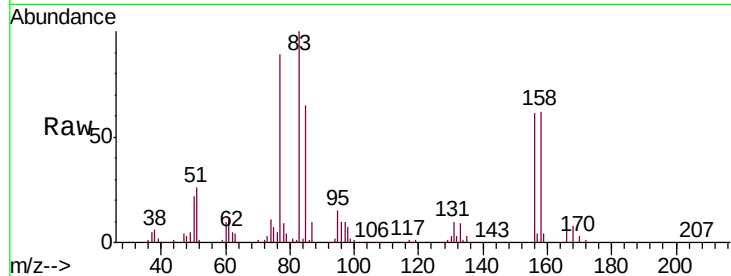
Tgt Ion: 83 Resp: 150657

Ion Ratio Lower Upper

83 100

131 10.0 5.3 16.1

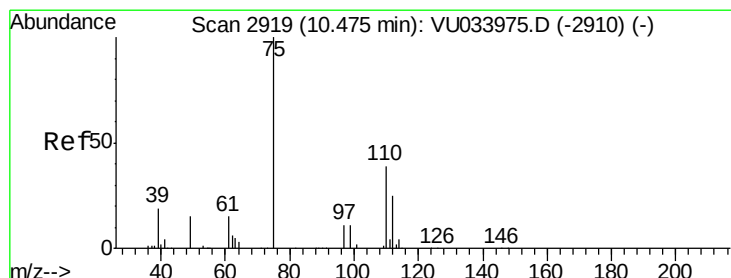
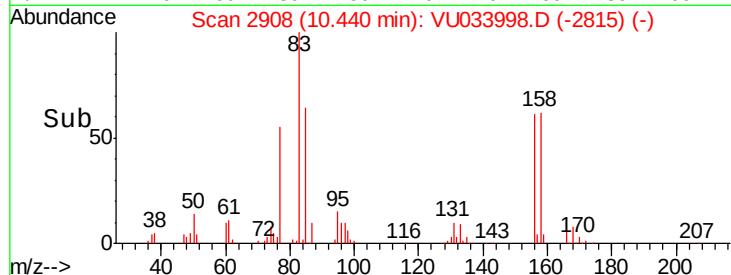
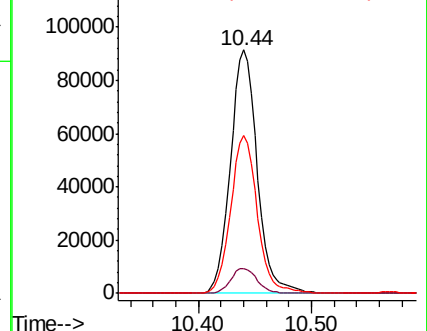
85 64.5 32.0 96.0



Abundance Ion 82.90 (82.60 to 83.60): VU033998.D (-2815) (-)

Ion 130.80 (130.50 to 131.50): VU033998.D (-2815) (-)

Ion 84.90 (84.60 to 85.60): VU033998.D (-2815) (-)



#76

1,2,3-Trichloropropane

Concen: 26.699 ug/l

RT: 10.48 min Scan# 2919

Delta R.T. -0.00 min

Lab File: VU033998.D

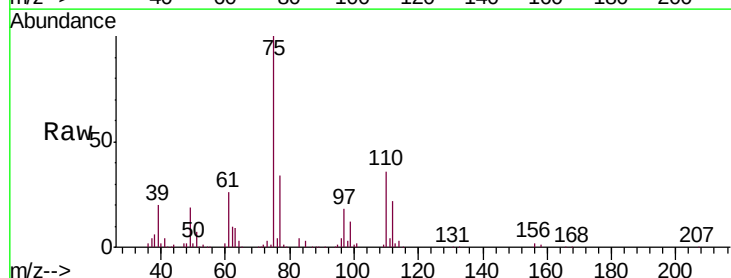
Acq: 28 Aug 2019 02:39

Tgt Ion: 75 Resp: 166353

Ion Ratio Lower Upper

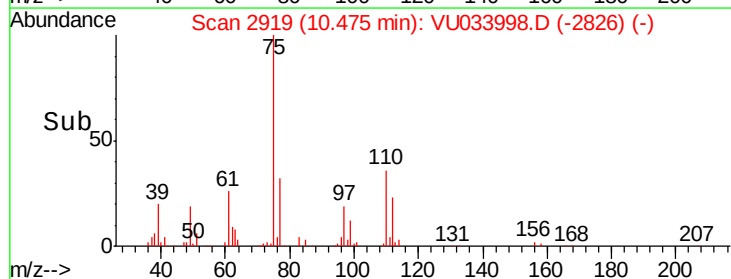
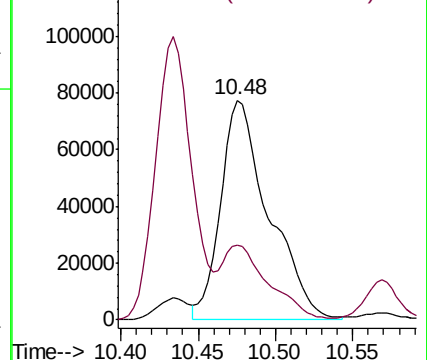
75 100

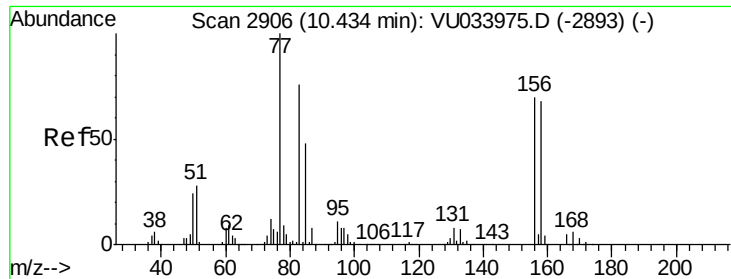
77 31.6 21.0 63.0



Abundance Ion 74.90 (74.60 to 75.60): VU033998.D (-2826) (-)

Ion 77.00 (76.70 to 77.70): VU033998.D (-2826) (-)





#77

Bromobenzene

Concen: 18.905 ug/l

RT: 10.43 min Scan# 2906

Delta R.T. -0.00 min

Lab File: VU033998.D

Acq: 28 Aug 2019 02:39

Instrument :

MSVOA_U

ClientSampleId :

VU0828WBS02

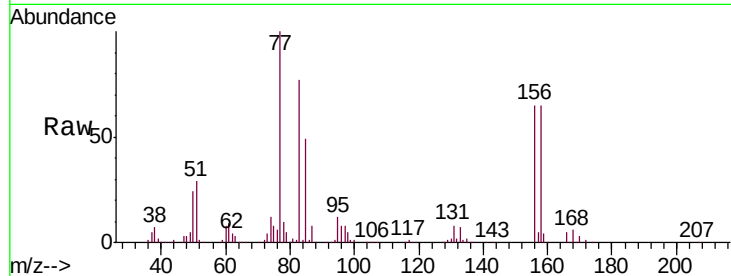
Tgt Ion:156 Resp: 107515

Ion Ratio Lower Upper

156 100

77 151.5 70.3 211.1

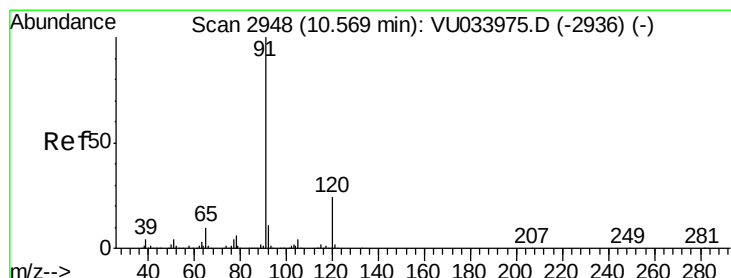
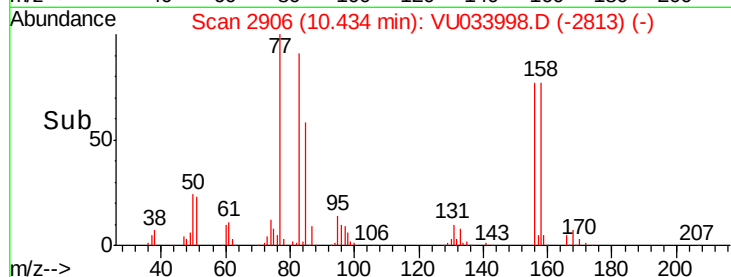
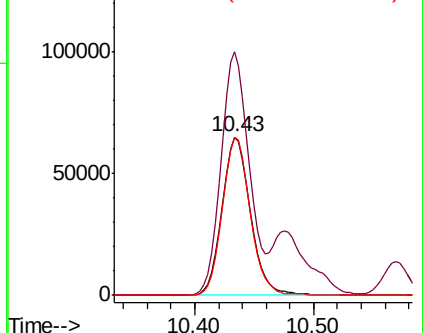
158 98.1 48.3 144.8



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: 22.301 ug/l

RT: 10.57 min Scan# 2948

Delta R.T. -0.00 min

Lab File: VU033998.D

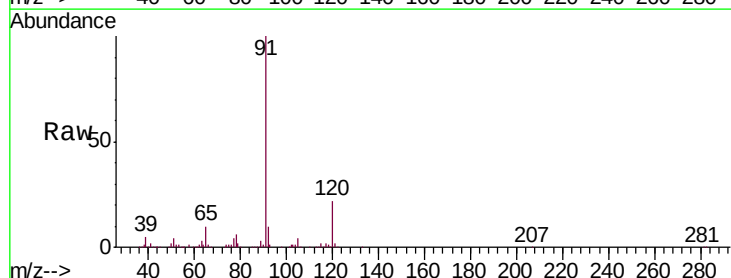
Acq: 28 Aug 2019 02:39

Tgt Ion: 91 Resp: 508987

Ion Ratio Lower Upper

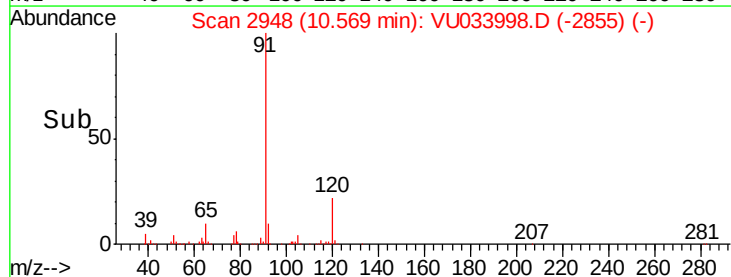
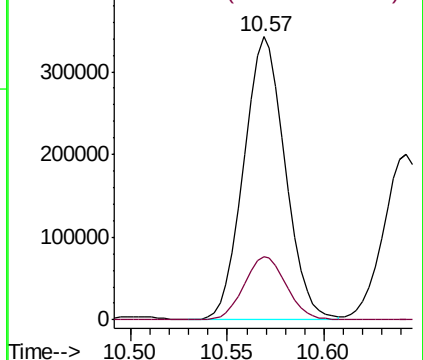
91 100

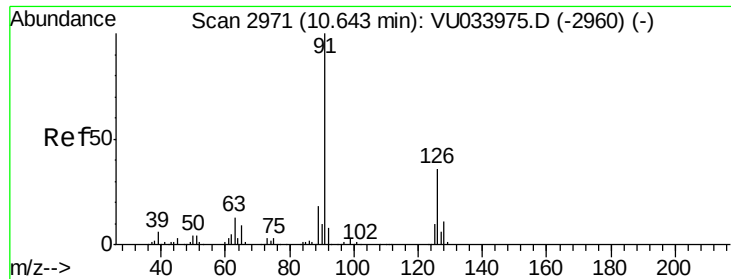
120 22.8 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 22.900 ug/l

RT: 10.64 min Scan# 2971

Delta R.T. -0.00 min

Lab File: VU033998.D

Acq: 28 Aug 2019 02:39

Instrument :

MSVOA_U

ClientSampleId :

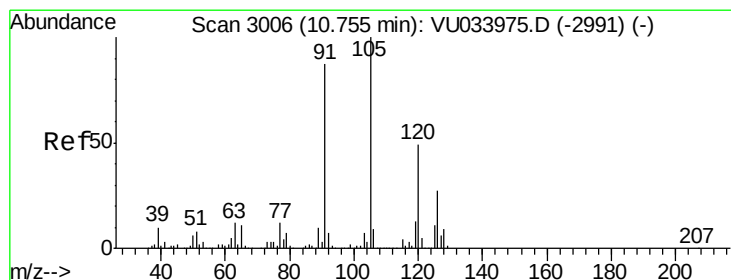
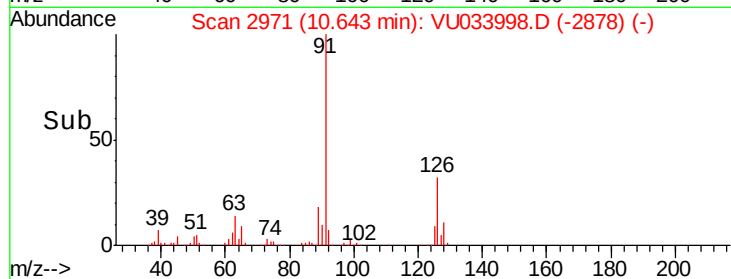
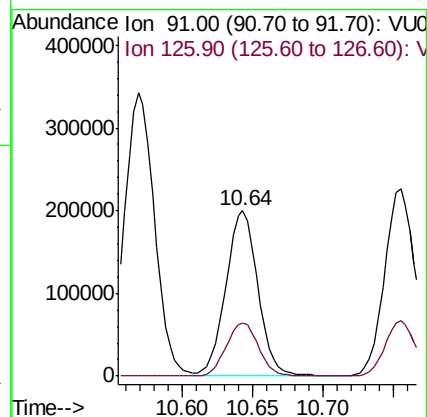
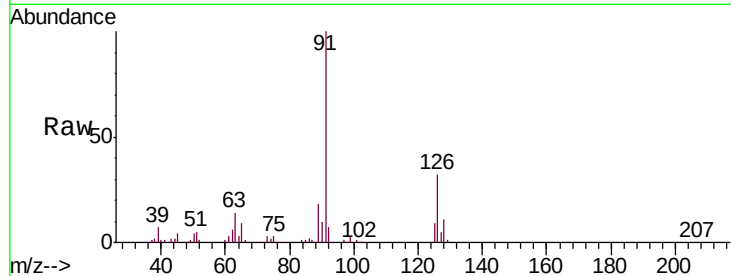
VU0828WBS02

Tgt Ion: 91 Resp: 315379

Ion Ratio Lower Upper

91 100

126 32.7 17.8 53.5



#80

1,3,5-Trimethylbenzene

Concen: 22.057 ug/l

RT: 10.76 min Scan# 3006

Delta R.T. -0.00 min

Lab File: VU033998.D

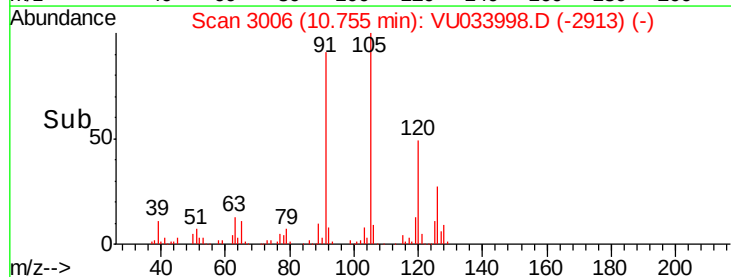
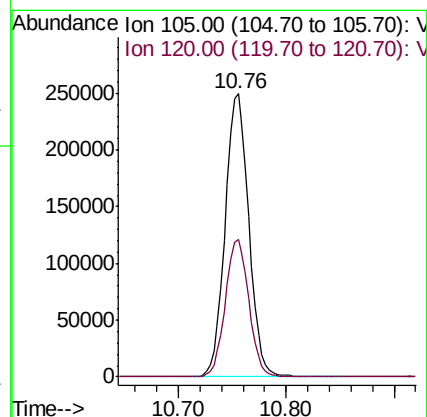
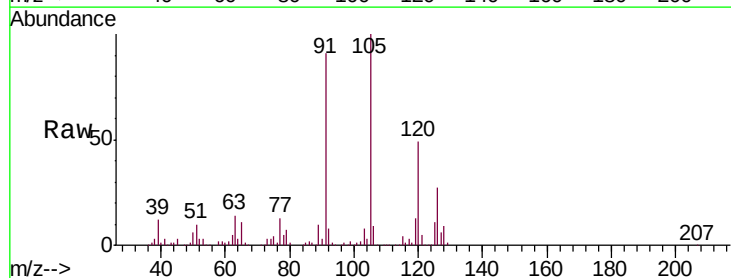
Acq: 28 Aug 2019 02:39

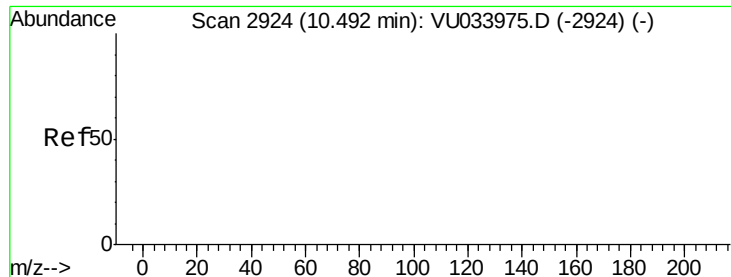
Tgt Ion: 105 Resp: 380187

Ion Ratio Lower Upper

105 100

120 48.6 24.6 73.6

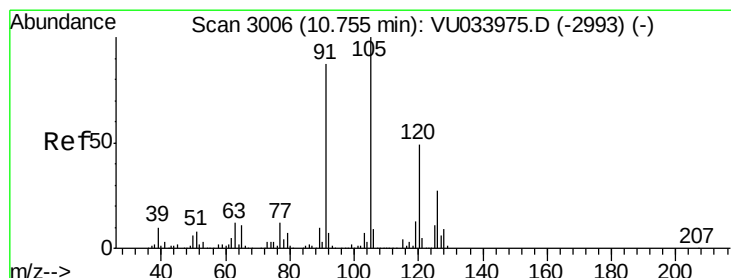
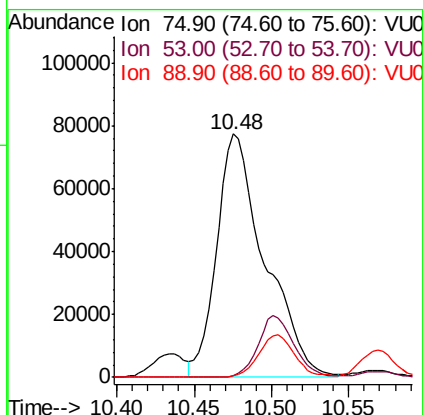
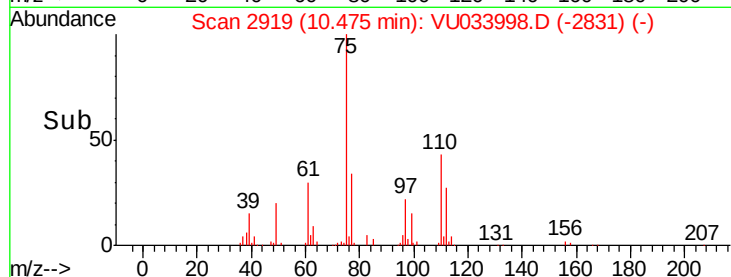
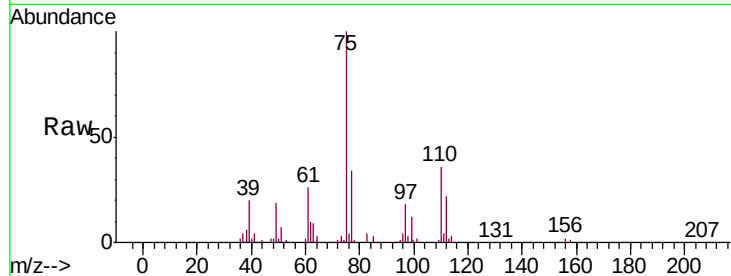




#81
trans-1,4-Dichloro-2-butene
Concen: 76.473 ug/l
RT: 10.48 min Scan# 2919
Delta R.T. -0.02 min
Lab File: VU033998.D
Acq: 28 Aug 2019 02:39

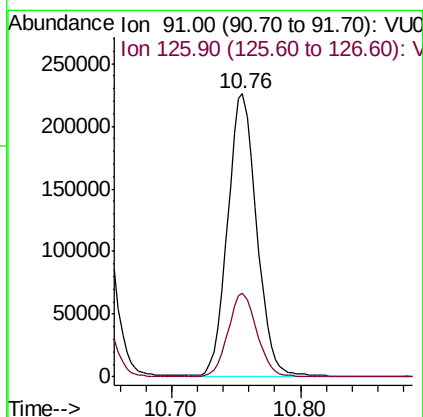
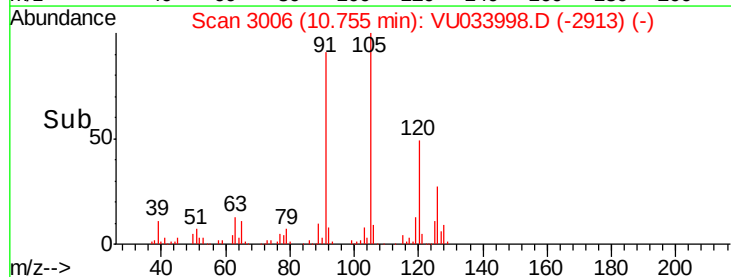
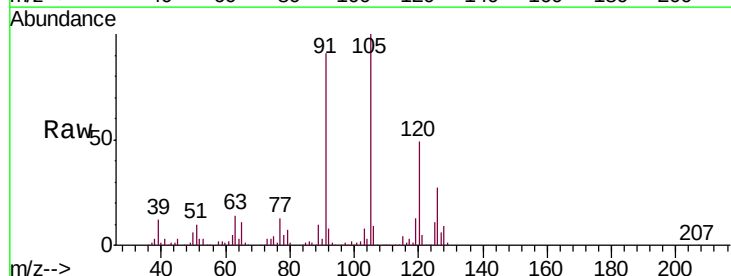
Instrument :
MSVOA_U
ClientSampleId :
VU0828WBS02

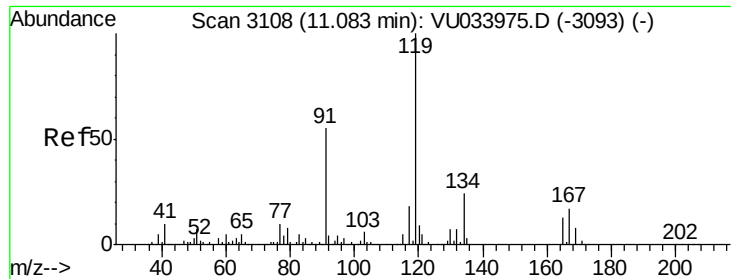
Tgt Ion: 75 Resp: 166353
Ion Ratio Lower Upper
75 100
53 0.0 0.0 0.0
89 0.0 0.0 0.0



#82
4-Chlorotoluene
Concen: 22.010 ug/l
RT: 10.76 min Scan# 3006
Delta R.T. -0.00 min
Lab File: VU033998.D
Acq: 28 Aug 2019 02:39

Tgt Ion: 91 Resp: 350896
Ion Ratio Lower Upper
91 100
126 29.6 15.4 46.4

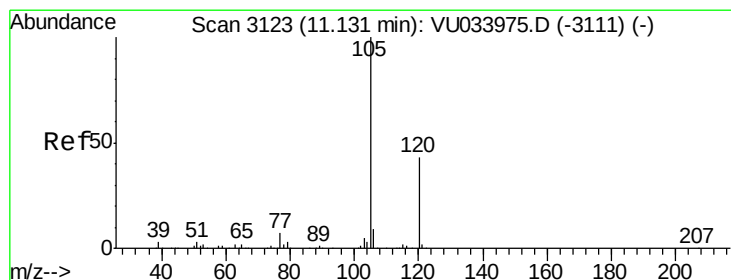
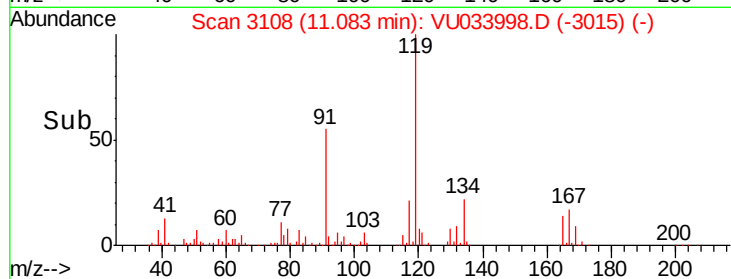
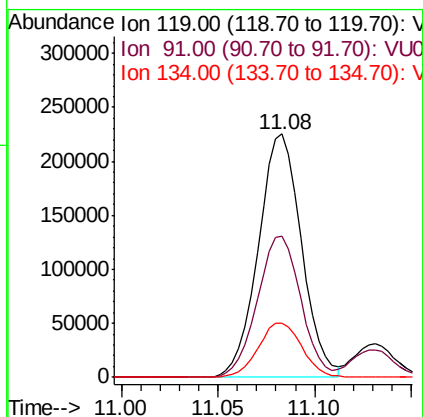
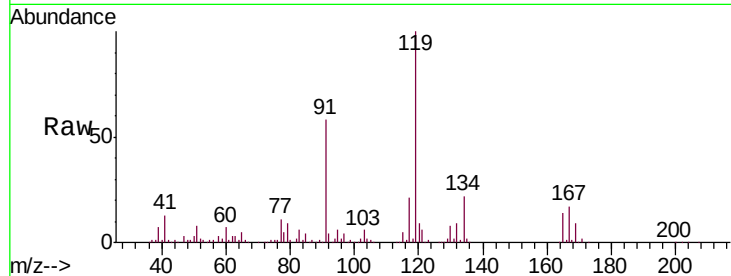




#83
 tert-Butylbenzene
 Concen: 20.943 ug/l
 RT: 11.08 min Scan# 3108
 Delta R.T. -0.00 min
 Lab File: VU033998.D
 Acq: 28 Aug 2019 02:39

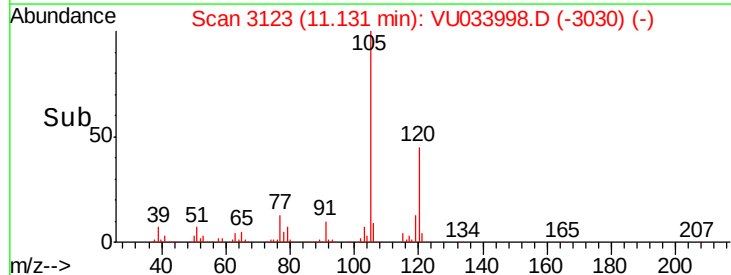
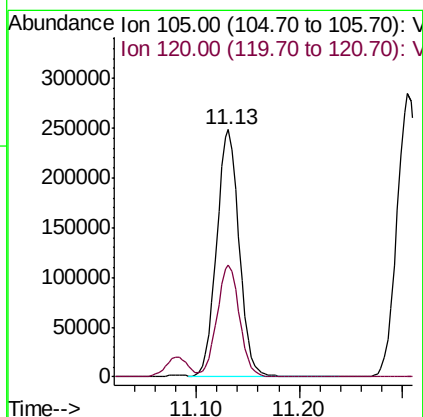
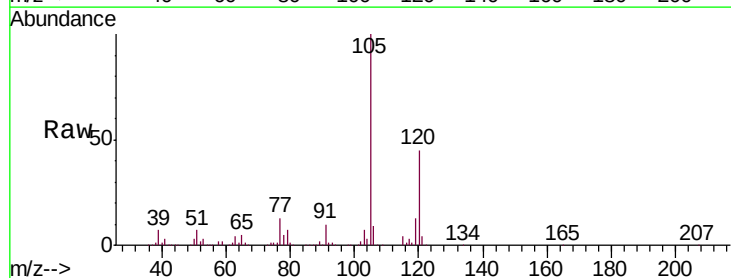
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0828WBS02

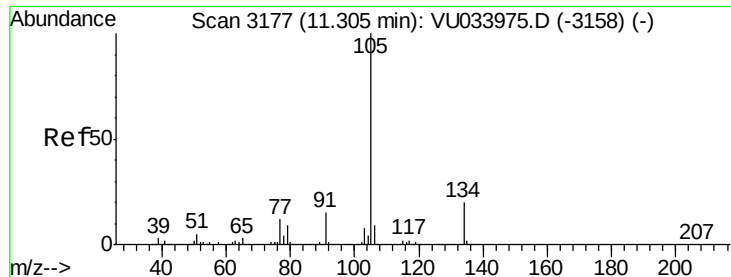
Tgt Ion:119 Resp: 350421
 Ion Ratio Lower Upper
 119 100
 91 58.4 27.6 82.8
 134 22.8 11.6 34.7



#84
 1,2,4-Trimethylbenzene
 Concen: 22.198 ug/l
 RT: 11.13 min Scan# 3123
 Delta R.T. -0.00 min
 Lab File: VU033998.D
 Acq: 28 Aug 2019 02:39

Tgt Ion:105 Resp: 375632
 Ion Ratio Lower Upper
 105 100
 120 45.0 23.3 69.9





#85

sec-Butylbenzene

Concen: 21.803 ug/l

RT: 11.30 min Scan# 3177

Delta R.T. -0.00 min

Lab File: VU033998.D

Acq: 28 Aug 2019 02:39

Instrument :

MSVOA_U

ClientSampleId :

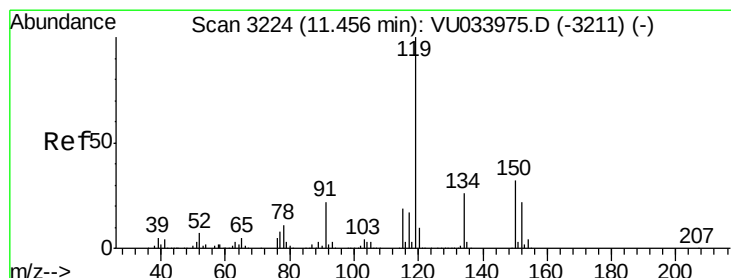
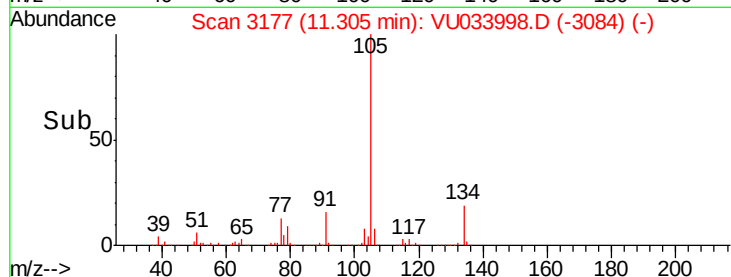
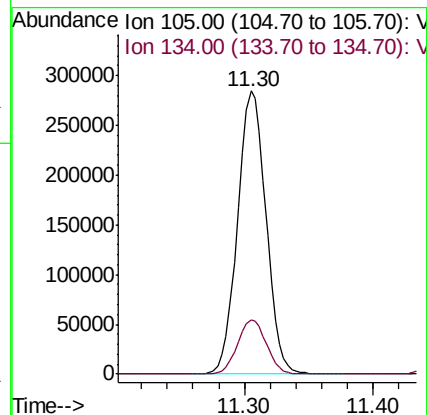
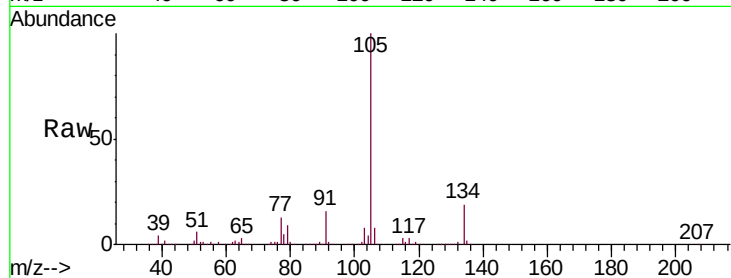
VU0828WBS02

Tgt Ion:105 Resp: 435385

Ion Ratio Lower Upper

105 100

134 19.5 10.2 30.6



#86

p-Isopropyltoluene

Concen: 20.732 ug/l

RT: 11.46 min Scan# 3225

Delta R.T. 0.00 min

Lab File: VU033998.D

Acq: 28 Aug 2019 02:39

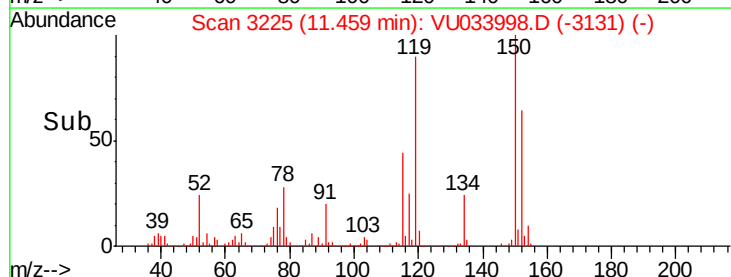
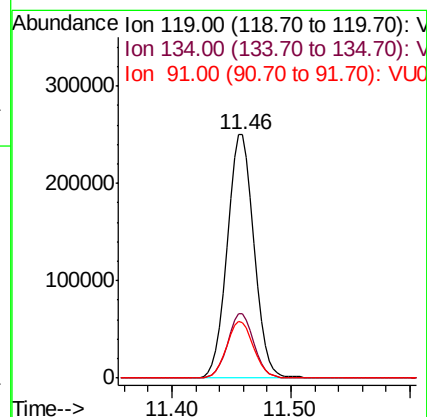
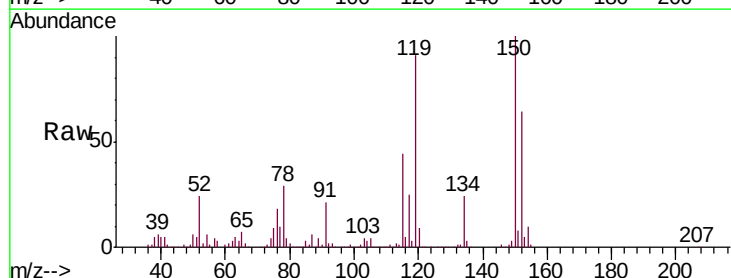
Tgt Ion:119 Resp: 387500

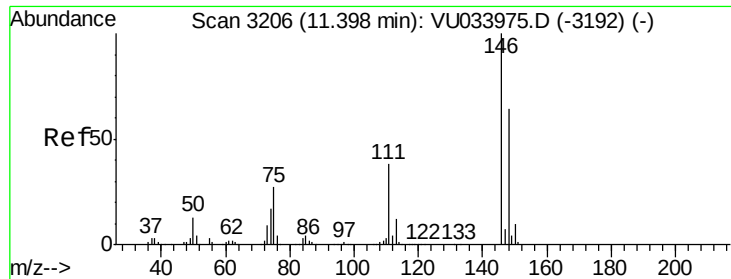
Ion Ratio Lower Upper

119 100

134 26.2 13.0 38.9

91 23.5 10.9 32.9

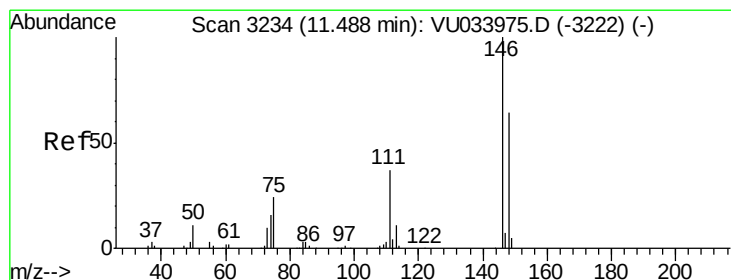
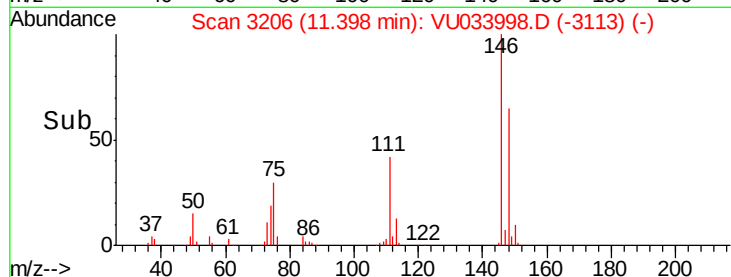
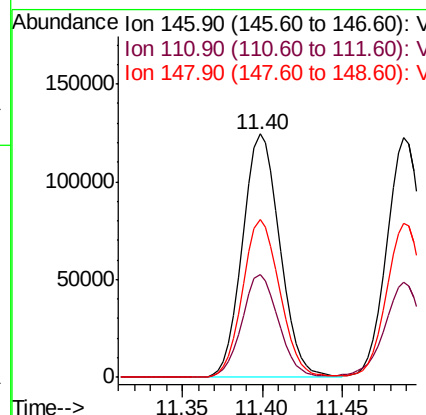
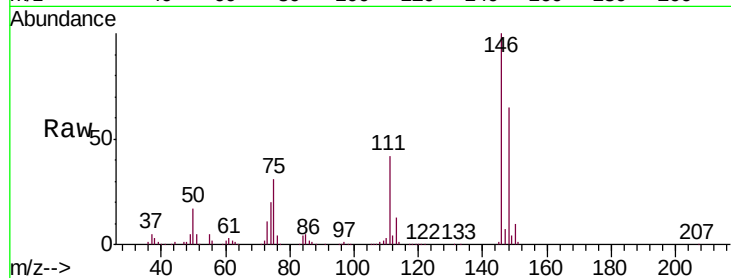




#87
 1,3-Dichlorobenzene
 Concen: 19.596 ug/l
 RT: 11.40 min Scan# 3206
 Delta R.T. -0.00 min
 Lab File: VU033998.D
 Acq: 28 Aug 2019 02:39

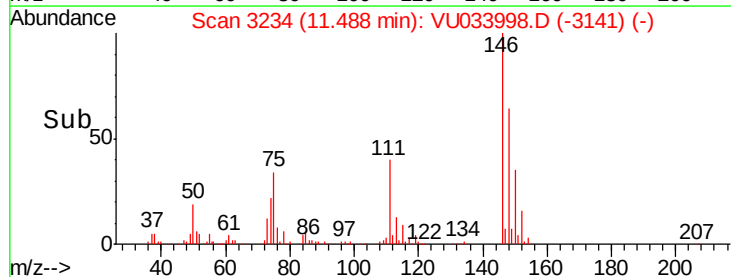
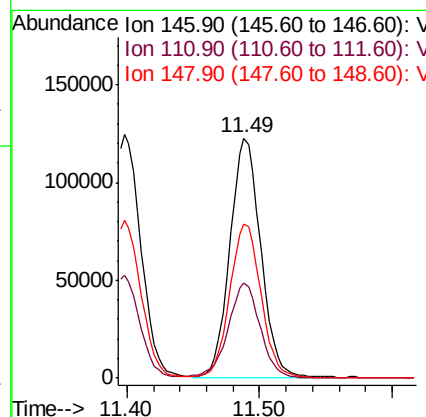
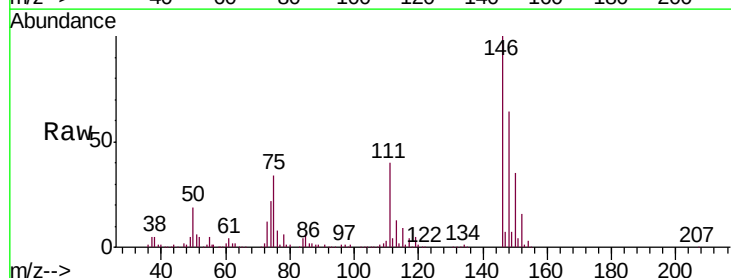
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0828WBS02

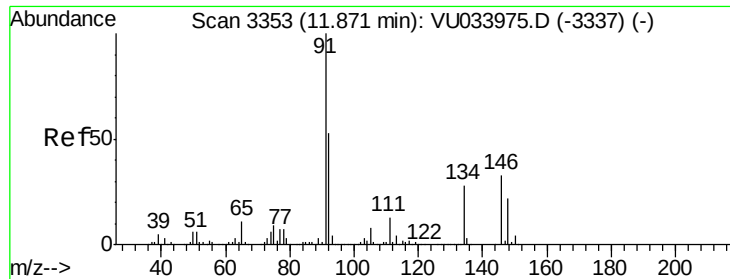
Tgt Ion:146 Resp: 197705
 Ion Ratio Lower Upper
 146 100
 111 41.3 18.8 56.4
 148 64.6 31.9 95.7



#88
 1,4-Dichlorobenzene
 Concen: 19.354 ug/l
 RT: 11.49 min Scan# 3234
 Delta R.T. -0.00 min
 Lab File: VU033998.D
 Acq: 28 Aug 2019 02:39

Tgt Ion:146 Resp: 197074
 Ion Ratio Lower Upper
 146 100
 111 41.3 18.8 56.4
 148 64.9 31.9 95.7





#89

n-Butylbenzene

Concen: 21.323 ug/l

RT: 11.87 min Scan# 3353

Delta R.T. -0.00 min

Lab File: VU033998.D

Acq: 28 Aug 2019 02:39

Instrument :

MSVOA_U

ClientSampleId :

VU0828WBS02

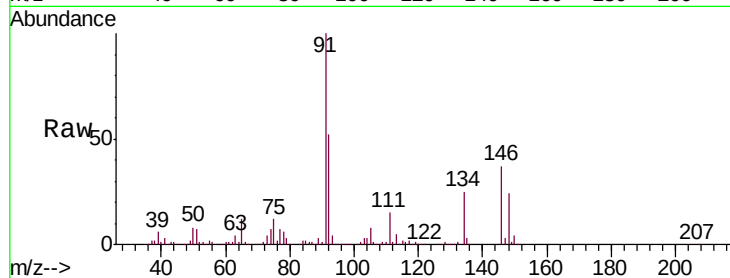
Tgt Ion: 91 Resp: 333097

Ion Ratio Lower Upper

91 100

92 51.5 26.7 80.0

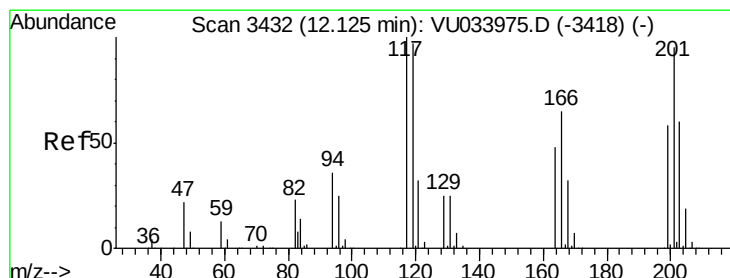
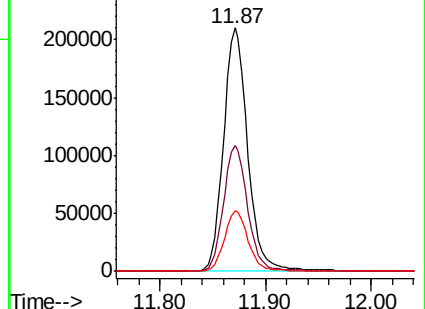
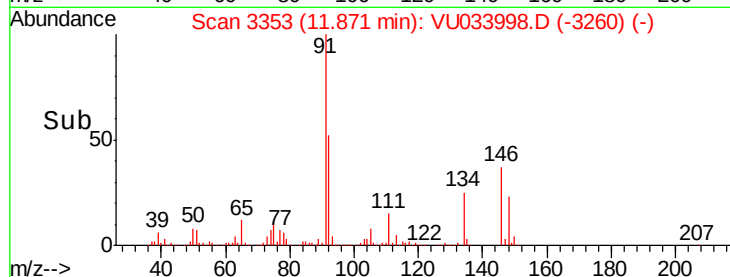
134 24.8 13.6 40.8



Abundance Ion 91.00 (90.70 to 91.70): VU033998.D (-3260) (-)

Ion 92.00 (91.70 to 92.70): VU033998.D (-3260) (-)

Ion 134.00 (133.70 to 134.70): VU033998.D (-3260) (-)



#90

Hexachloroethane

Concen: 21.265 ug/l

RT: 12.12 min Scan# 3432

Delta R.T. -0.00 min

Lab File: VU033998.D

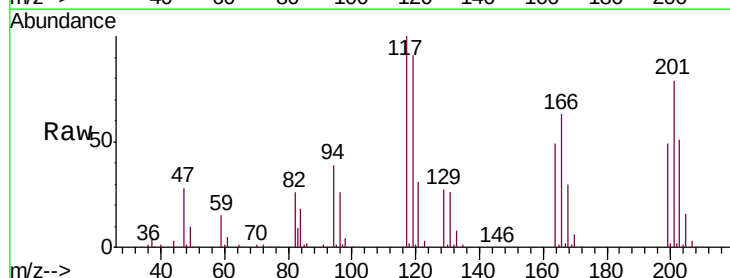
Acq: 28 Aug 2019 02:39

Tgt Ion: 117 Resp: 65743

Ion Ratio Lower Upper

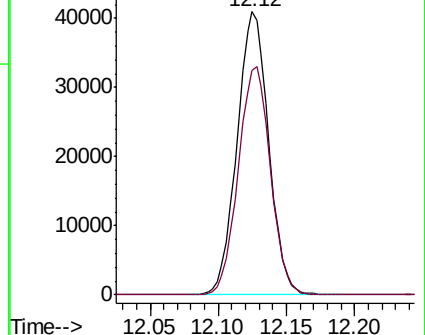
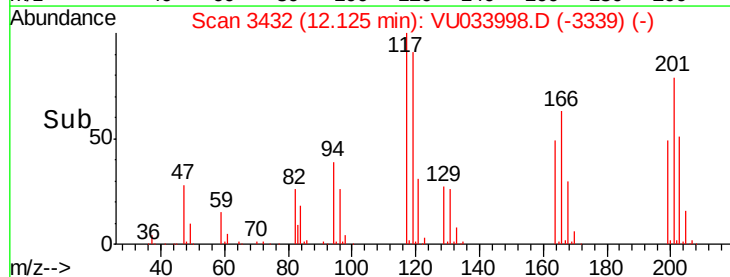
117 100

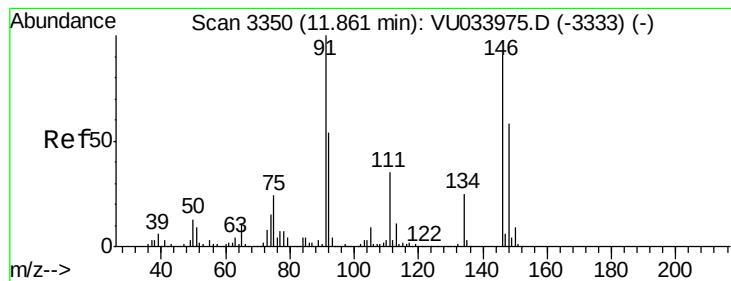
201 82.0 47.5 142.5



Abundance Ion 116.80 (116.50 to 117.50): VU033998.D (-3339) (-)

Ion 200.70 (200.40 to 201.40): VU033998.D (-3339) (-)





#91

1,2-Dichlorobenzene

Concen: 19.746 ug/l

RT: 11.86 min Scan# 3350

Delta R.T. -0.00 min

Lab File: VU033998.D

Acq: 28 Aug 2019 02:39

Instrument :

MSVOA_U

ClientSampleId :

VU0828WBS02

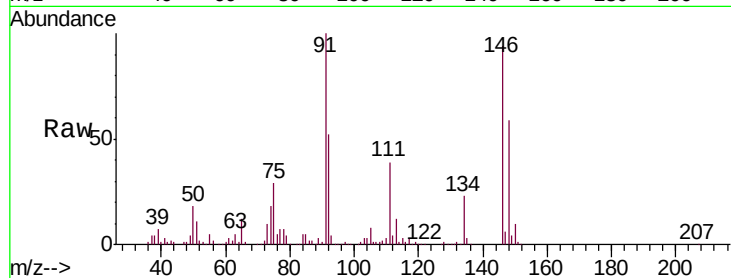
Tgt Ion:146 Resp: 196097

Ion Ratio Lower Upper

146 100

111 41.7 19.8 59.3

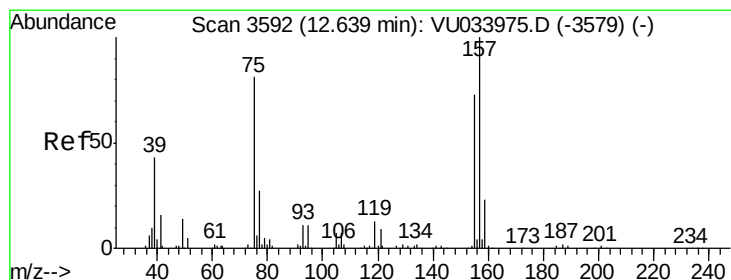
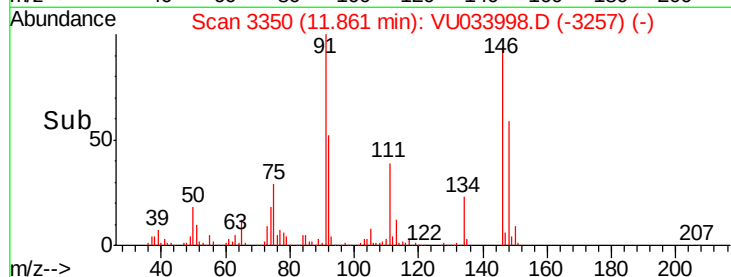
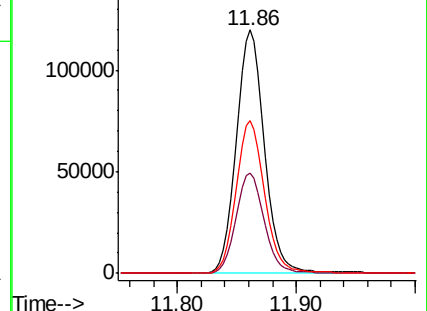
148 63.4 32.0 96.2



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 23.531 ug/l

RT: 12.64 min Scan# 3593

Delta R.T. 0.00 min

Lab File: VU033998.D

Acq: 28 Aug 2019 02:39

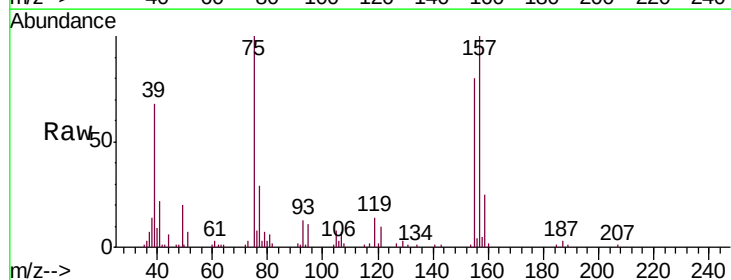
Tgt Ion: 75 Resp: 34165

Ion Ratio Lower Upper

75 100

155 79.4 46.9 140.6

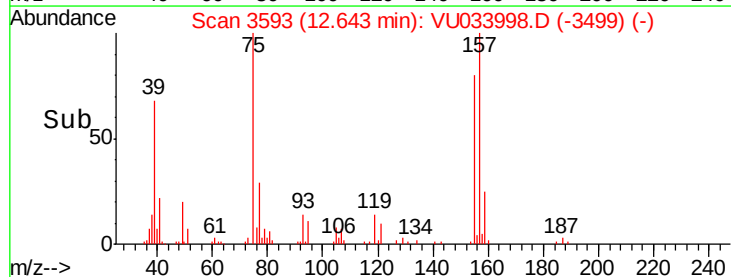
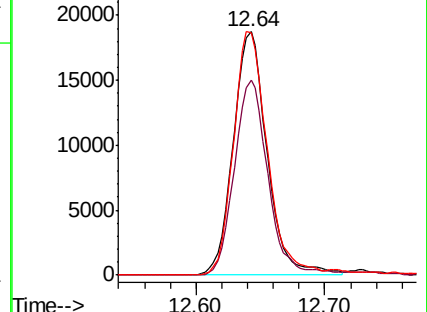
157 99.3 61.2 183.6

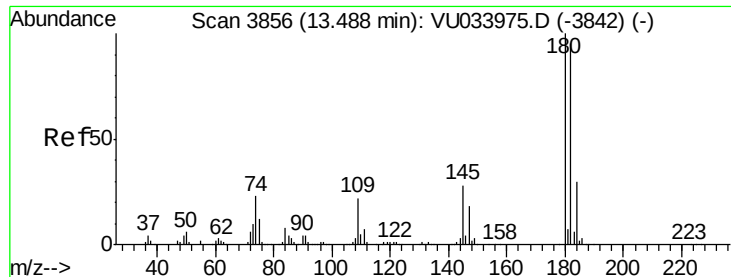


Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

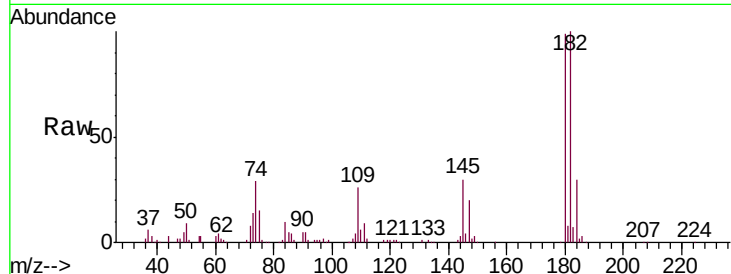




#93
 1,2,4-Trichlorobenzene
 Concen: 17.554 ug/l
 RT: 13.49 min Scan# 3856
 Delta R.T. 0.00 min
 Lab File: VU033998.D
 Acq: 28 Aug 2019 02:39

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0828WBS02

Tgt Ion	Resp	Lower	Upper
180	114436		
182	98.1	47.4	142.2
145	29.8	14.4	43.2

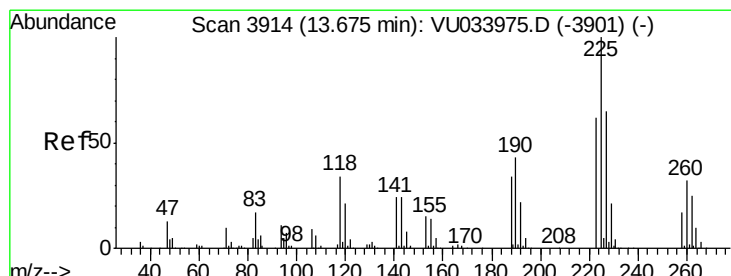
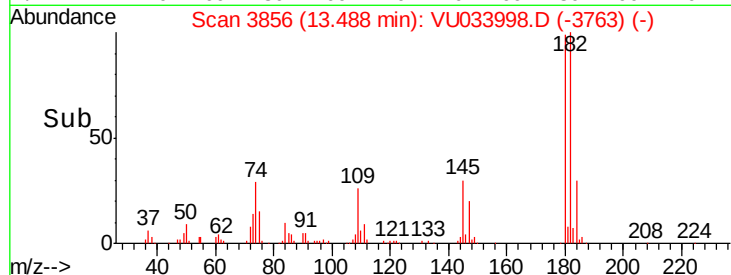
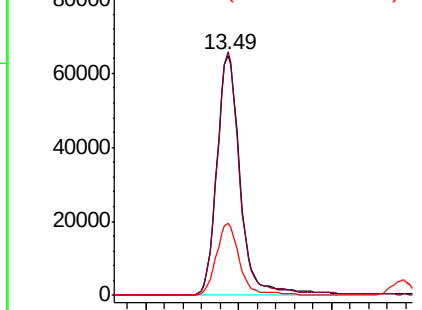


Abundance

Ion 179.80 (179.50 to 180.50): V

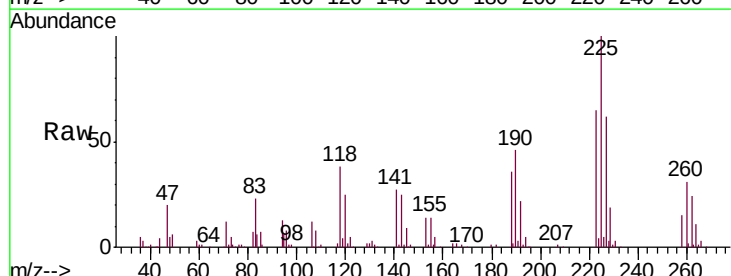
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 17.470 ug/l
 RT: 13.67 min Scan# 3914
 Delta R.T. -0.00 min
 Lab File: VU033998.D
 Acq: 28 Aug 2019 02:39

Tgt Ion	Resp	Lower	Upper
225	71126		
223	62.8	31.7	95.1
227	61.5	33.0	99.0

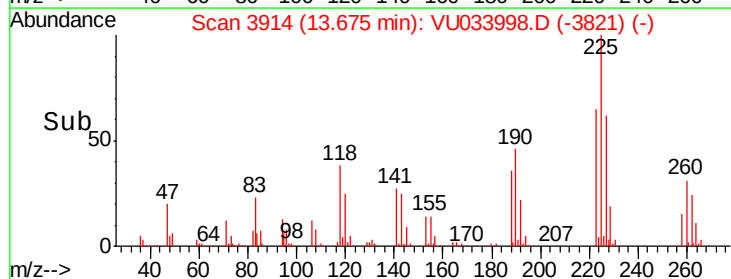
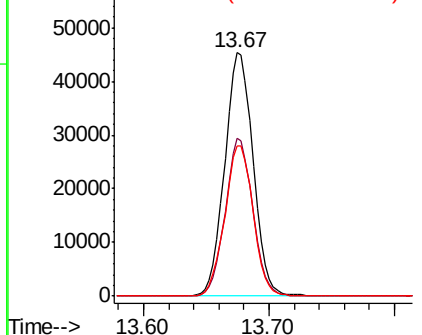


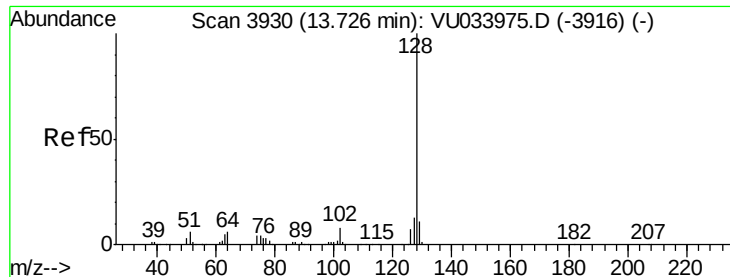
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V

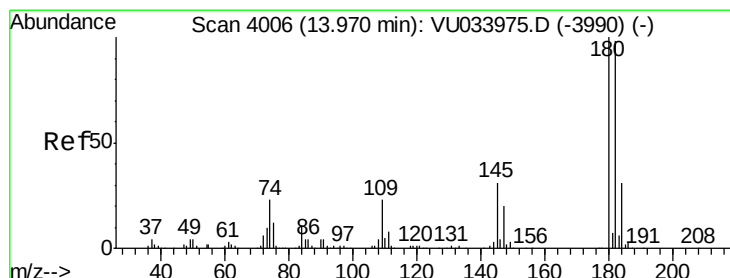
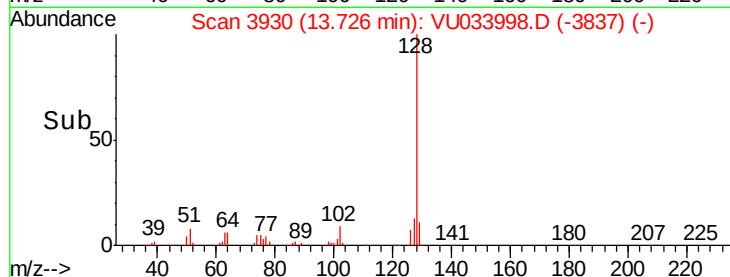
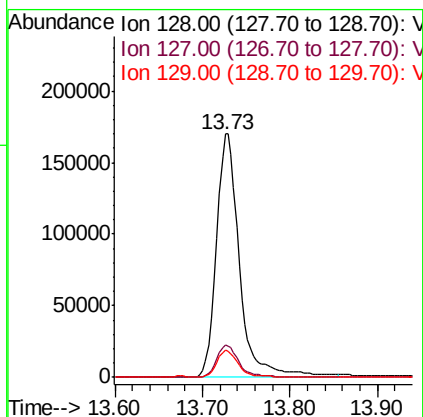
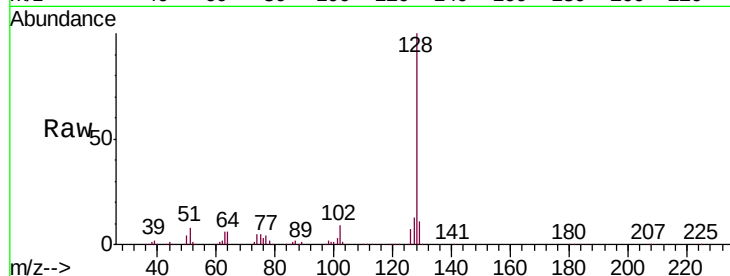




#95
Naphthalene
Concen: 17.650 ug/l
RT: 13.73 min Scan# 3930
Delta R.T. 0.00 min
Lab File: VU033998.D
Acq: 28 Aug 2019 02:39

Instrument :
MSVOA_U
ClientSampleId :
VU0828WBS02

Tgt Ion:128 Resp: 313543
Ion Ratio Lower Upper
128 100
127 13.0 10.2 15.4
129 10.3 8.5 12.7



#96
1,2,3-Trichlorobenzene
Concen: 18.700 ug/l
RT: 13.97 min Scan# 4007
Delta R.T. 0.00 min
Lab File: VU033998.D
Acq: 28 Aug 2019 02:39

Tgt Ion:180 Resp: 118673
Ion Ratio Lower Upper
180 100
182 93.8 48.4 145.3
145 31.0 15.1 45.3

