

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU063018\
 Data File : VU025087.D
 Acq On : 30 Jun 2018 14:45
 Operator : MD/SY
 Sample : VV0630WBSD01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0630WBSD01

Quant Time: Jul 02 05:37:19 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U061318W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 13 13:55:26 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	173239	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	264920	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	247766	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	141369	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	135470	47.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.80%	
35) Dibromofluoromethane	4.89	113	109882	49.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.96%	
50) Toluene-d8	7.57	98	355688	44.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.70%	
62) 4-Bromofluorobenzene	10.31	95	149568	46.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.94%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	38130	17.584	ug/l	100
3) Chloromethane	1.33	50	40304	18.193	ug/l	99
4) Vinyl Chloride	1.40	62	44771	19.596	ug/l	100
5) Bromomethane	1.62	94	29190	26.430	ug/l	97
6) Chloroethane	1.70	64	29427	22.470	ug/l	99
7) Trichlorofluoromethane	1.89	101	74065	21.243	ug/l	96
8) Diethyl Ether	2.10	74	27544	22.166	ug/l	86
9) 1,1,2-Trichlorotrifluoroet	2.29	101	43570	20.143	ug/l	97
10) Methyl Iodide	2.41	142	43496	26.536	ug/l	98
11) Tert butyl alcohol	2.82	59	71646	104.162	ug/l	99
12) 1,1-Dichloroethene	2.28	96	39321	19.934	ug/l	99
13) Acrolein	2.19	56	14725	40.767	ug/l	99
14) Allyl chloride	2.60	41	68586	18.726	ug/l	97
15) Acrylonitrile	2.94	53	137251	102.559	ug/l	99
16) Acetone	2.32	43	152368	100.271	ug/l	99
17) Carbon Disulfide	2.48	76	110472	17.490	ug/l	100
18) Methyl Acetate	2.62	43	79279	24.336	ug/l	96
19) Methyl tert-butyl Ether	3.00	73	159008	21.444	ug/l	95
20) Methylene Chloride	2.70	84	48875	20.499	ug/l	95
21) trans-1,2-Dichloroethene	2.99	96	43138	19.856	ug/l	99
22) Diisopropyl ether	3.57	45	151745	20.900	ug/l	93
23) Vinyl Acetate	3.53	43	636704	97.896	ug/l	99
24) 1,1-Dichloroethane	3.45	63	87696	20.996	ug/l	98
25) 2-Butanone	4.26	43	206843	101.338	ug/l	94
26) 2,2-Dichloropropane	4.23	77	83512	21.057	ug/l	100
27) cis-1,2-Dichloroethene	4.23	96	52656	21.081	ug/l	99
28) Bromochloromethane	4.55	49	36756	19.979	ug/l	85
29) Tetrahydrofuran	4.64	42	128529	101.684	ug/l	97
30) Chloroform	4.68	83	93131	22.030	ug/l	96
31) Cyclohexane	5.00	56	80986	20.677	ug/l	93
32) 1,1,1-Trichloroethane	4.92	97	85723	21.928	ug/l	96
36) 1,1-Dichloropropene	5.14	75	64966	20.869	ug/l	98
37) Ethyl Acetate	4.38	43	73366	21.623	ug/l	96
38) Carbon Tetrachloride	5.14	117	73542	21.483	ug/l	100

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU063018\
 Data File : VU025087.D
 Acq On : 30 Jun 2018 14:45
 Operator : MD/SY
 Sample : VV0630WBSD01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0630WBSD01

Quant Time: Jul 02 05:37:19 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U061318W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 13 13:55:26 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.42	83	80304	20.671	ug/l	95
40) Benzene	5.39	78	191867	21.630	ug/l	100
41) Methacrylonitrile	4.54	41	40845	22.327	ug/l	98
42) 1,2-Dichloroethane	5.41	62	80106	23.711	ug/l	99
43) Isopropyl Acetate	5.55	43	119959	20.454	ug/l	99
44) Trichloroethene	6.19	130	52894	20.952	ug/l	96
45) 1,2-Dichloropropane	6.44	63	49965	21.110	ug/l	99
46) Dibromomethane	6.56	93	36749	22.105	ug/l	95
47) Bromodichloromethane	6.76	83	69637	21.035	ug/l	98
48) Methyl methacrylate	6.63	41	61096	21.393	ug/l	97
49) 1,4-Dioxane	6.62	88	27986	501.094	ug/l	95
51) 4-Methyl-2-Pentanone	7.46	43	383321	104.033	ug/l	98
52) Toluene	7.64	92	123062	21.564	ug/l	98
53) t-1,3-Dichloropropene	7.88	75	74807	20.122	ug/l	100
54) cis-1,3-Dichloropropene	7.27	75	77773	19.633	ug/l	98
55) 1,1,2-Trichloroethane	8.07	97	51356	22.138	ug/l	96
56) Ethyl methacrylate	8.02	69	78132	20.123	ug/l	98
57) 1,3-Dichloropropane	8.25	76	86550	22.117	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.13	63	133867	89.995	ug/l	96
59) 2-Hexanone	8.36	43	307965	102.377	ug/l	98
60) Dibromochloromethane	8.48	129	54927	18.988	ug/l	100
61) 1,2-Dibromoethane	8.59	107	55010	21.305	ug/l	100
64) Tetrachloroethene	8.23	164	50231	21.328	ug/l	98
65) Chlorobenzene	9.12	112	140436	22.187	ug/l	100
66) 1,1,1,2-Tetrachloroethane	9.21	131	53711	22.336	ug/l	98
67) Ethyl Benzene	9.25	91	240529	21.677	ug/l	98
68) m/p-Xylenes	9.38	106	188904	44.334	ug/l	96
69) o-Xylene	9.78	106	93229	22.109	ug/l	97
70) Styrene	9.80	104	144232	20.813	ug/l	98
71) Bromoform	9.96	173	42628	18.650	ug/l #	98
73) Isopropylbenzene	10.17	105	251866	23.206	ug/l	100
74) N-amyl acetate	10.01	43	103063	19.964	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.46	83	82484	22.678	ug/l	99
76) 1,2,3-Trichloropropane	10.50	75	96149	30.892	ug/l	83
77) Bromobenzene	10.45	156	63105	22.966	ug/l	95
78) n-propylbenzene	10.59	91	276443	21.621	ug/l	97
79) 2-Chlorotoluene	10.66	91	172553	22.885	ug/l	99
80) 1,3,5-Trimethylbenzene	10.78	105	215745	22.934	ug/l	99
81) trans-1,4-Dichloro-2-buten	10.50	75	96149	71.497	ug/l #	100
82) 4-Chlorotoluene	10.78	91	190232	21.677	ug/l	100
83) tert-Butylbenzene	11.10	119	215623	23.828	ug/l	99
84) 1,2,4-Trimethylbenzene	11.15	105	216687	22.602	ug/l	99
85) sec-Butylbenzene	11.33	105	251668	22.218	ug/l	98
86) p-Isopropyltoluene	11.48	119	221038	21.788	ug/l	99
87) 1,3-Dichlorobenzene	11.42	146	109890	21.647	ug/l	99
88) 1,4-Dichlorobenzene	11.51	146	111230	21.769	ug/l	99
89) n-Butylbenzene	11.89	91	169998	18.875	ug/l	97
90) Hexachloroethane	12.15	117	38692	19.551	ug/l	99
91) 1,2-Dichlorobenzene	11.88	146	117090	23.028	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.66	75	19882	19.811	ug/l	94

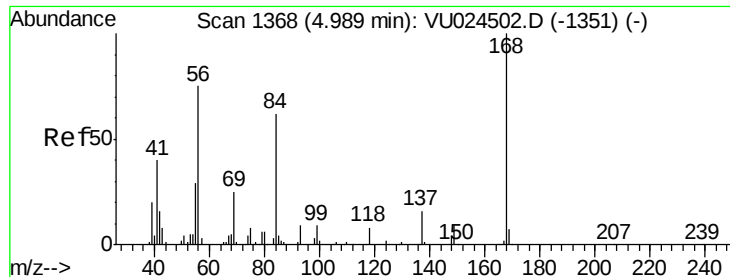
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_U\DATA\VU063018\
Data File : VU025087.D
Acq On : 30 Jun 2018 14:45
Operator : MD/SY
Sample : VV0630WBSD01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VU0630WBSD01

Quant Time: Jul 02 05:37:19 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\82U061318W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 13 13:55:26 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.51	180	67998	21.656	ug/l	98
94) Hexachlorobutadiene	13.70	225	39314	22.245	ug/l	99
95) Naphthalene	13.74	128	217230	21.293	ug/l	99
96) 1,2,3-Trichlorobenzene	13.99	180	71683	22.911	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.99 min Scan# 1368

Delta R.T. -0.00 min

Lab File: VU025087.D

Acq: 30 Jun 2018 14:45

Instrument :

MSVOA_U

ClientSampleId :

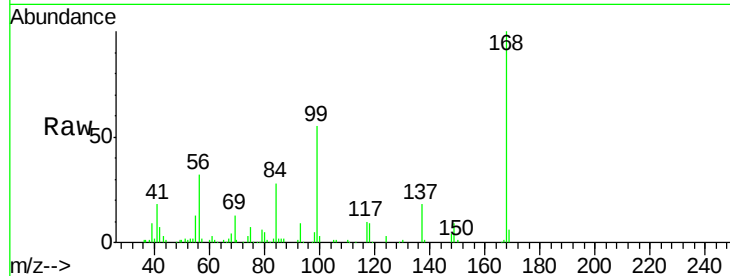
VU0630WBSD01

Tgt Ion:168 Resp: 173239

Ion Ratio Lower Upper

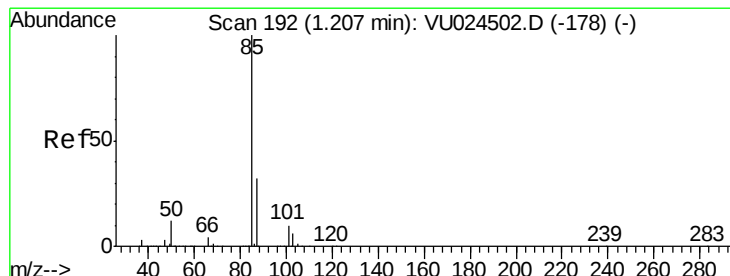
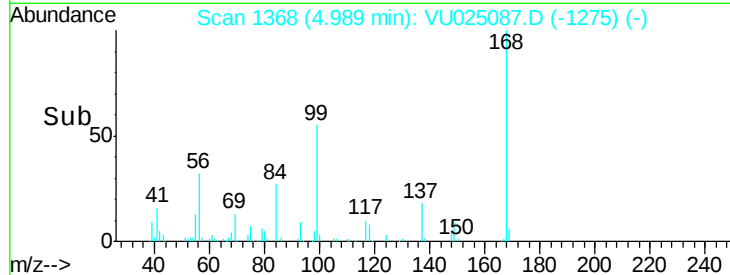
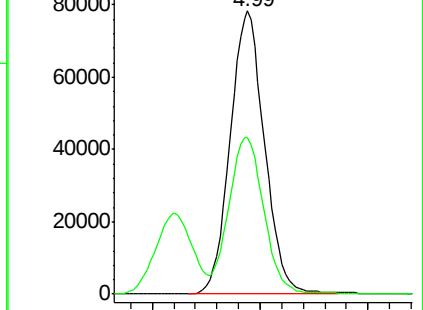
168 100

99 55.1 43.2 64.8



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

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



#2

Dichlorodifluoromethane

Concen: 17.584 ug/l

RT: 1.20 min Scan# 191

Delta R.T. -0.00 min

Lab File: VU025087.D

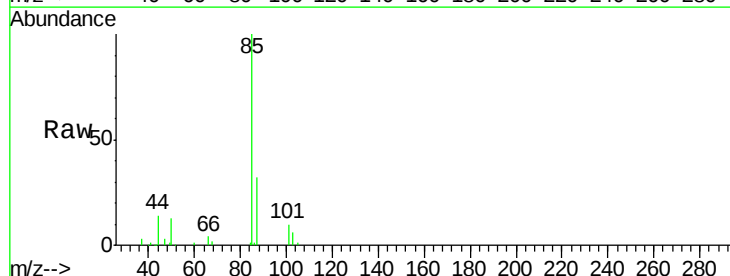
Acq: 30 Jun 2018 14:45

Tgt Ion: 85 Resp: 38130

Ion Ratio Lower Upper

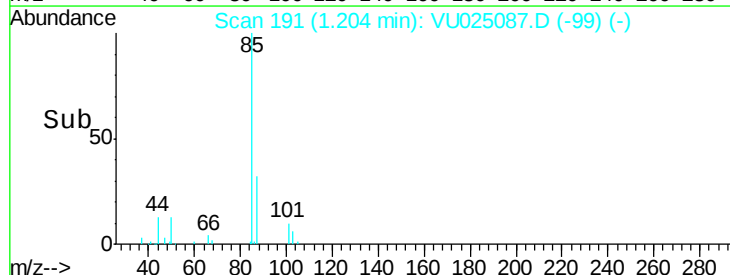
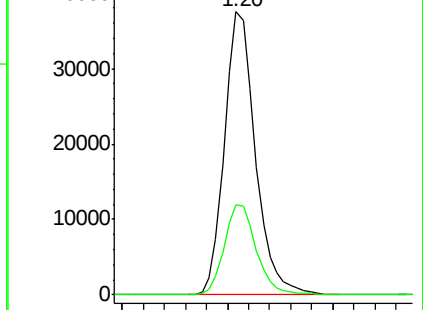
85 100

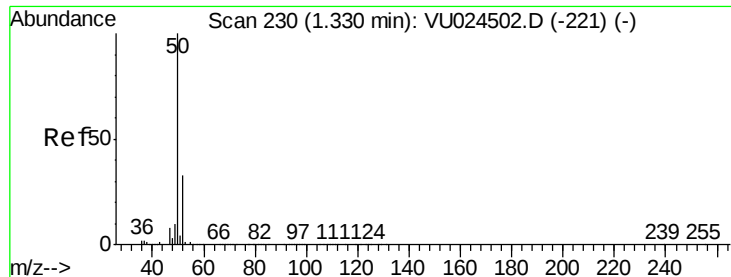
87 32.0 16.1 48.2



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

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





#3

Chloromethane

Concen: 18.193 ug/l

RT: 1.33 min Scan# 229

Delta R.T. -0.00 min

Lab File: VU025087.D

Acq: 30 Jun 2018 14:45

Instrument :

MSVOA_U

ClientSampleId :

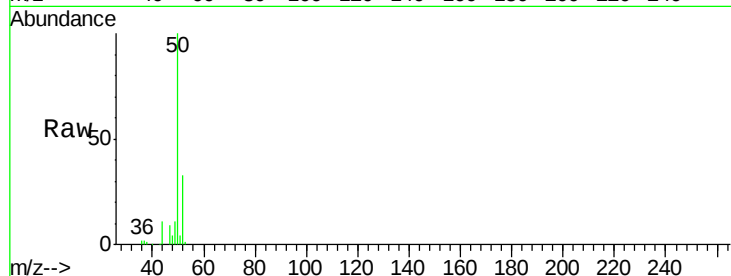
VU0630WBSD01

Tgt Ion: 50 Resp: 40304

Ion Ratio Lower Upper

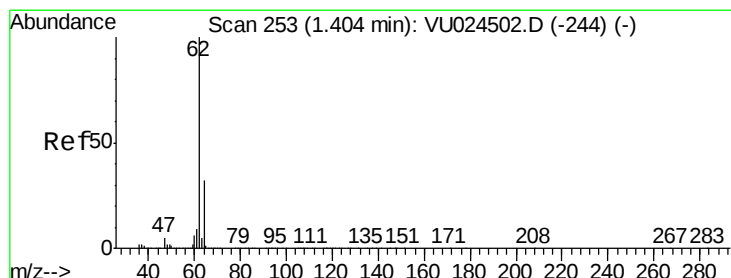
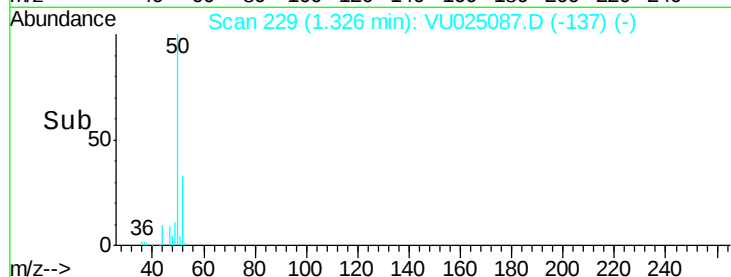
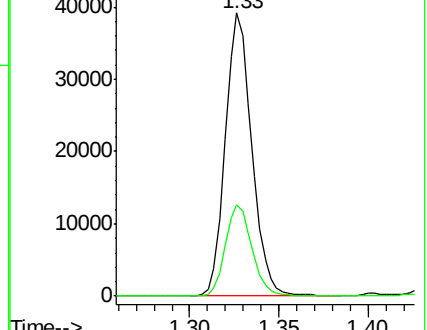
50 100

52 32.5 26.4 39.6



Abundance Ion 49.90 (49.60 to 50.60): VU024502.D (-221) (-)

Ion 51.90 (51.60 to 52.60): VU025087.D (-137) (-)



#4

Vinyl Chloride

Concen: 19.596 ug/l

RT: 1.40 min Scan# 253

Delta R.T. -0.00 min

Lab File: VU025087.D

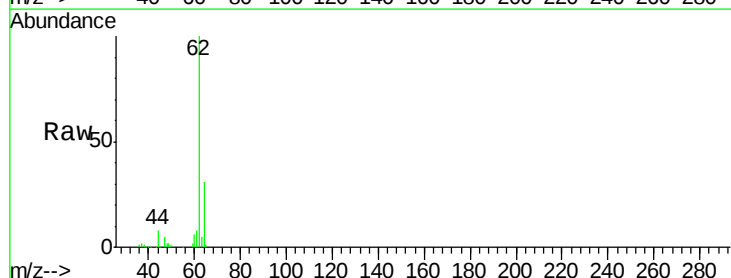
Acq: 30 Jun 2018 14:45

Tgt Ion: 62 Resp: 44771

Ion Ratio Lower Upper

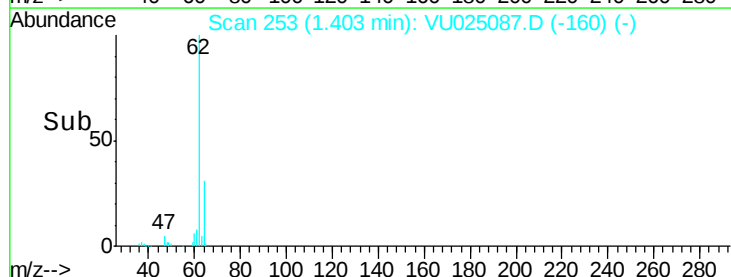
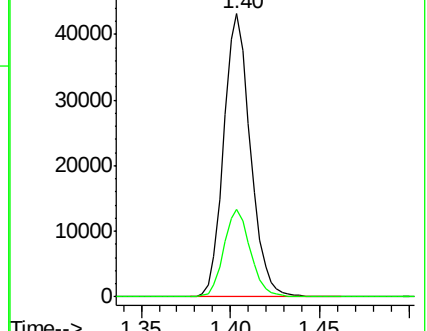
62 100

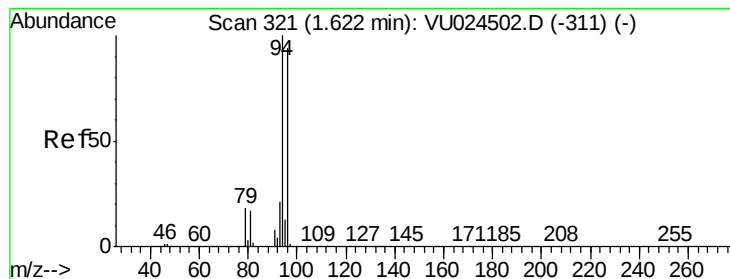
64 30.8 24.8 37.2



Abundance Ion 61.90 (61.60 to 62.60): VU024502.D (-244) (-)

Ion 63.90 (63.60 to 64.60): VU025087.D (-160) (-)





#5

Bromomethane

Concen: 26.430 ug/l

RT: 1.62 min Scan# 321

Delta R.T. -0.00 min

Lab File: VU025087.D

Acq: 30 Jun 2018 14:45

Instrument :

MSVOA_U

ClientSampleId :

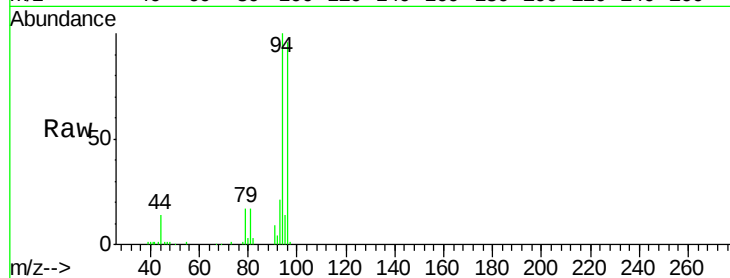
VU0630WBSD01

Tgt Ion: 94 Resp: 29190

Ion Ratio Lower Upper

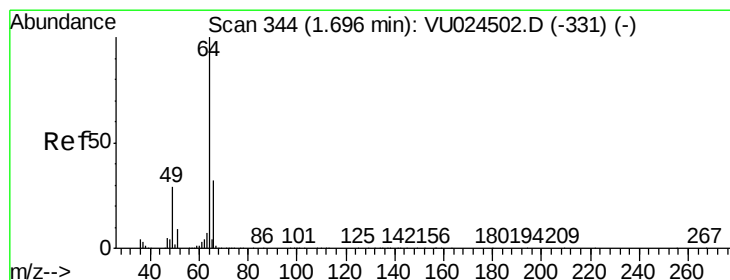
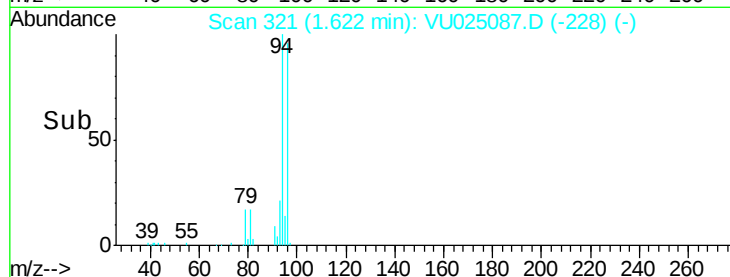
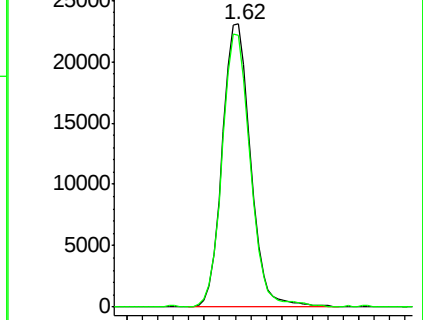
94 100

96 95.9 74.5 111.7



Abundance Ion 93.90 (93.60 to 94.60): VU0

Ion 95.90 (95.60 to 96.60): VU0



#6

Chloroethane

Concen: 22.470 ug/l

RT: 1.70 min Scan# 344

Delta R.T. 0.00 min

Lab File: VU025087.D

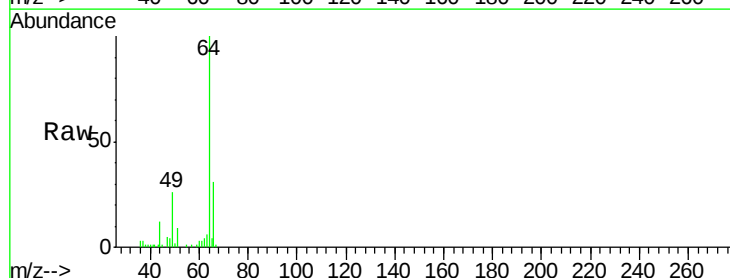
Acq: 30 Jun 2018 14:45

Tgt Ion: 64 Resp: 29427

Ion Ratio Lower Upper

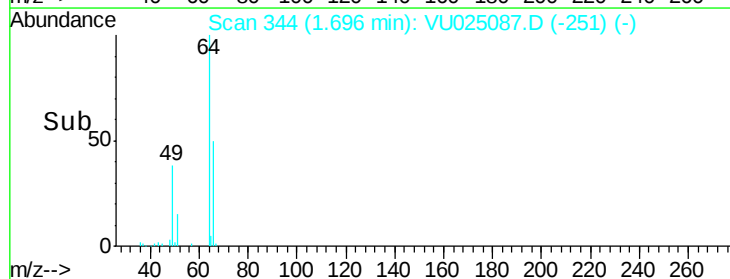
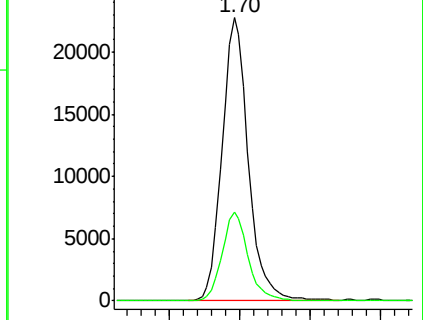
64 100

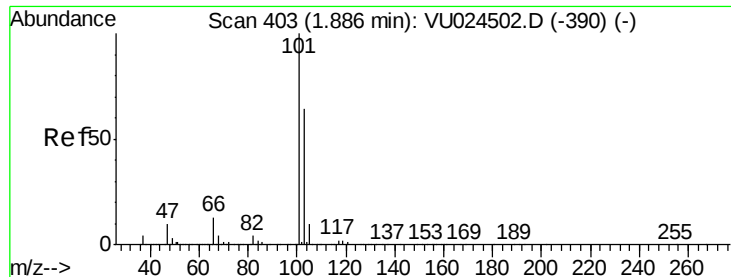
66 31.4 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VU0

Ion 65.90 (65.60 to 66.60): VU0



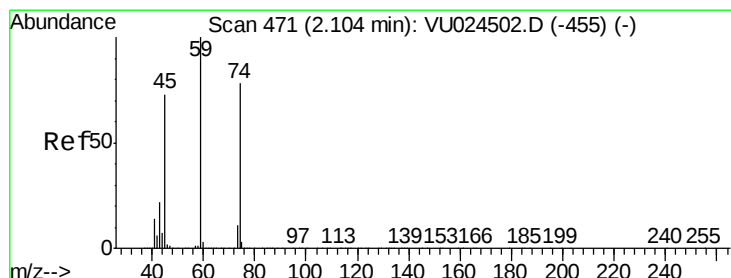
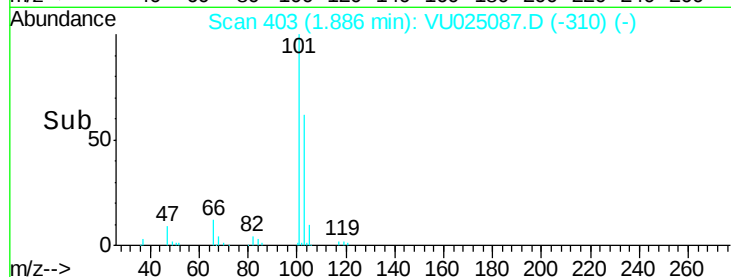
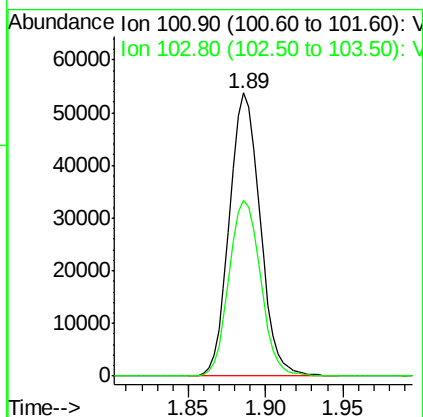
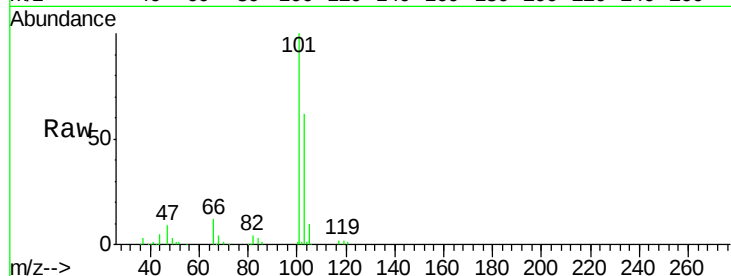


#7

Trichlorofluoromethane
Concen: 21.243 ug/l
RT: 1.89 min Scan# 403
Delta R.T. -0.00 min
Lab File: VU025087.D
Acq: 30 Jun 2018 14:45

Instrument :
MSVOA_U
ClientSampleId :
VU0630WBSD01

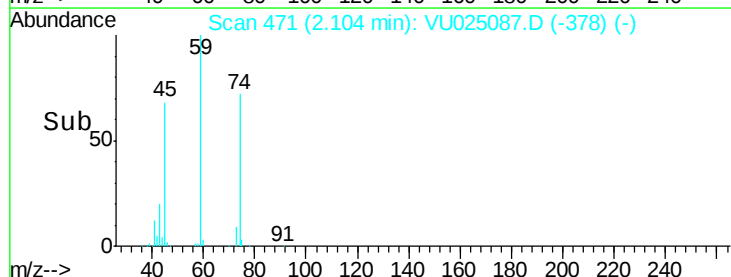
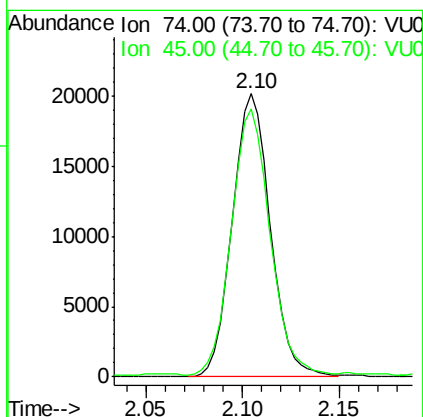
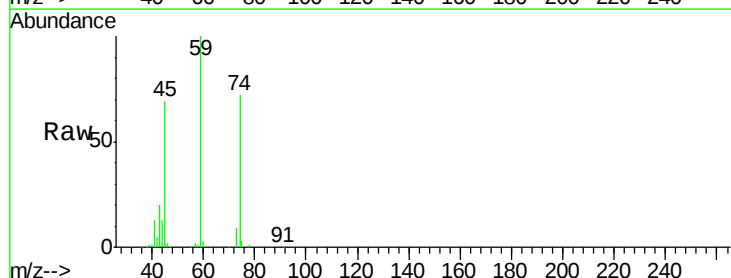
Tgt Ion:101 Resp: 74065
Ion Ratio Lower Upper
101 100
103 62.2 52.3 78.5

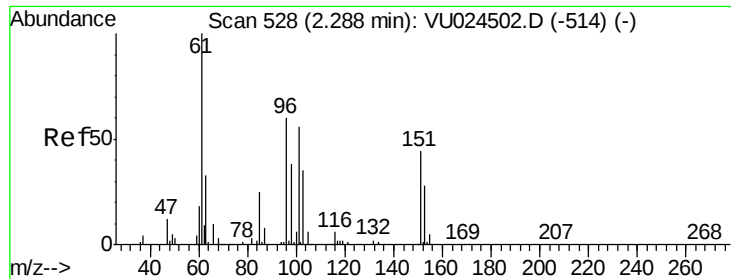


#8

Diethyl Ether
Concen: 22.166 ug/l
RT: 2.10 min Scan# 471
Delta R.T. 0.00 min
Lab File: VU025087.D
Acq: 30 Jun 2018 14:45

Tgt Ion: 74 Resp: 27544
Ion Ratio Lower Upper
74 100
45 95.0 55.0 165.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.143 ug/l

RT: 2.29 min Scan# 528

Delta R.T. -0.00 min

Lab File: VU025087.D

Acq: 30 Jun 2018 14:45

Instrument :

MSVOA_U

ClientSampleId :

VU0630WBSD01

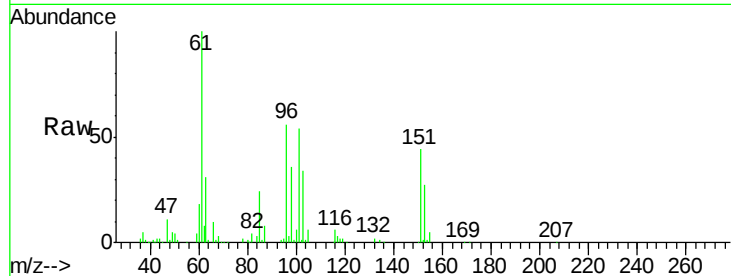
Tgt Ion:101 Resp: 43570

Ion Ratio Lower Upper

101 100

85 44.2 36.0 54.0

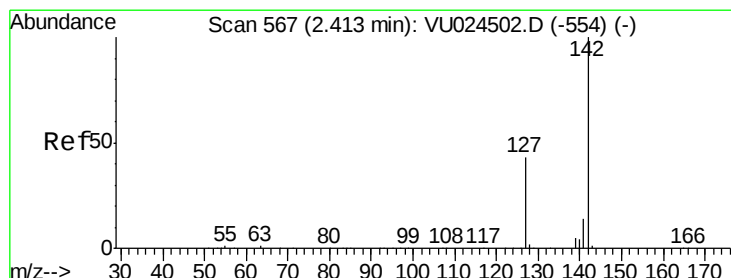
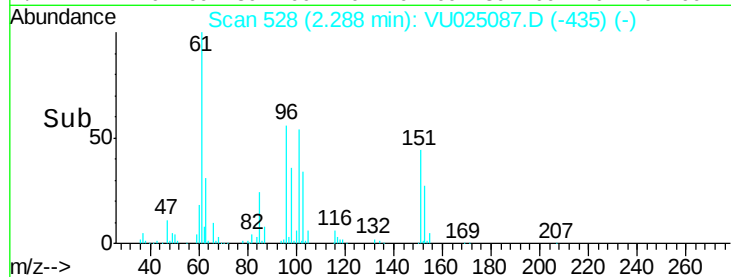
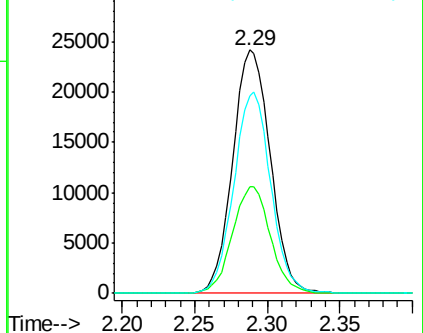
151 81.1 62.3 93.5



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VU0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 26.536 ug/l

RT: 2.41 min Scan# 567

Delta R.T. 0.00 min

Lab File: VU025087.D

Acq: 30 Jun 2018 14:45

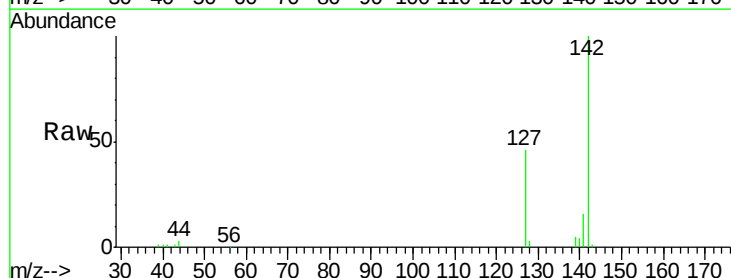
Tgt Ion:142 Resp: 43496

Ion Ratio Lower Upper

142 100

127 46.0 35.6 53.4

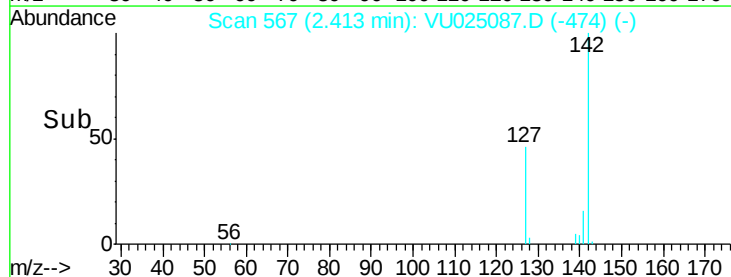
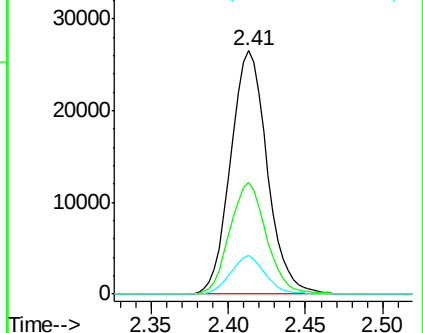
141 15.0 11.7 17.5

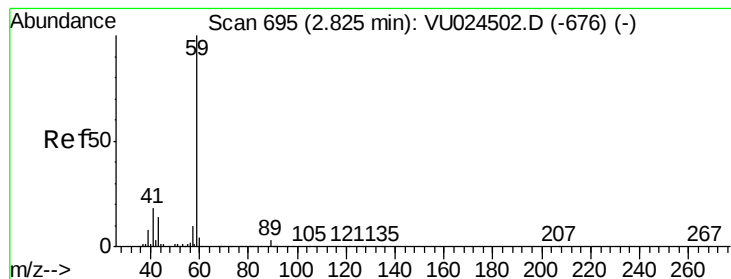


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



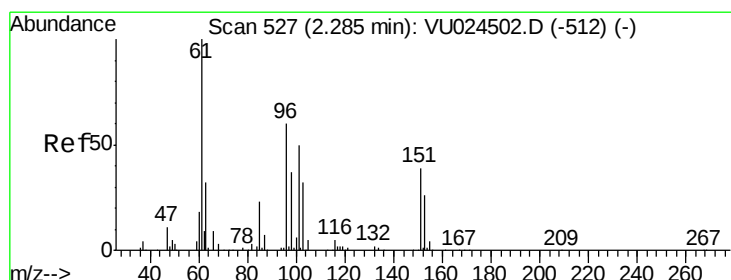
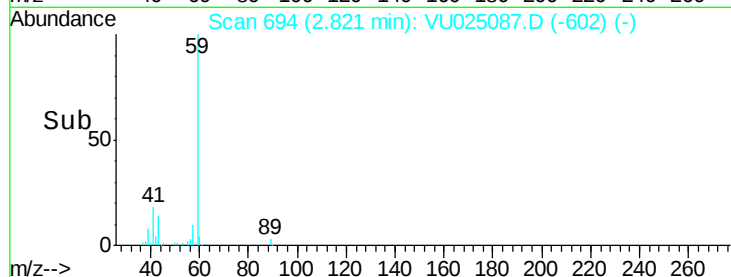
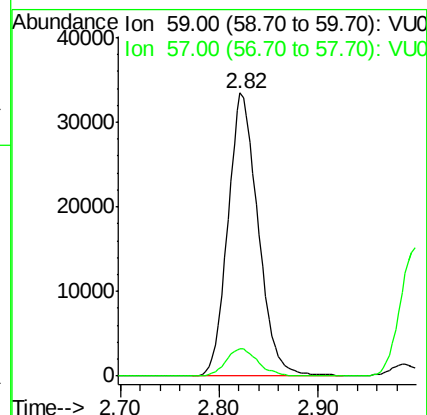
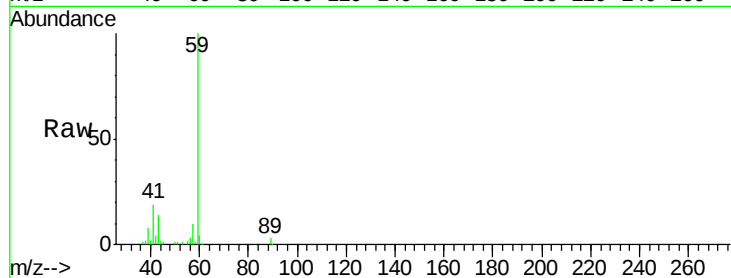


#11

Tert butyl alcohol
 Concen: 104.162 ug/l
 RT: 2.82 min Scan# 694
 Delta R.T. -0.00 min
 Lab File: VU025087.D
 Acq: 30 Jun 2018 14:45

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0630WBSD01

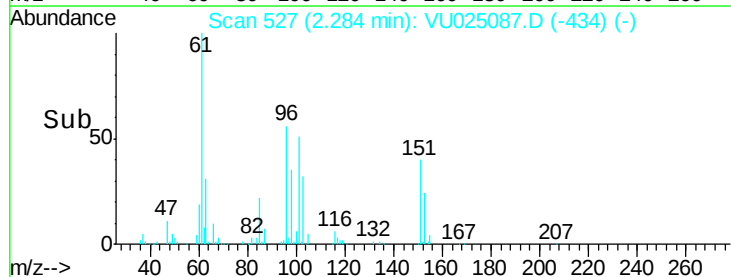
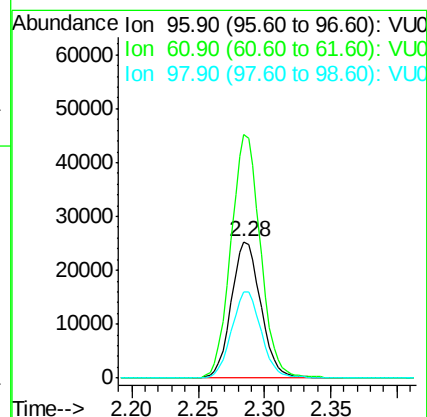
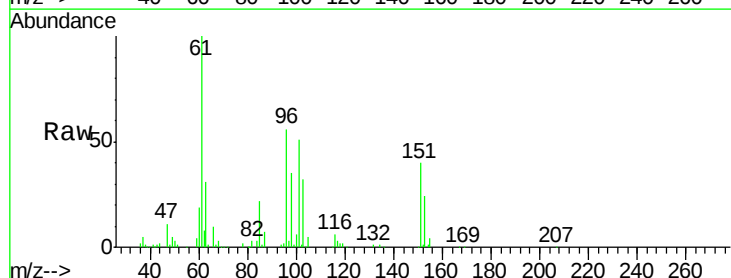
Tgt Ion: 59 Resp: 71646
 Ion Ratio Lower Upper
 59 100
 57 10.2 8.5 12.7

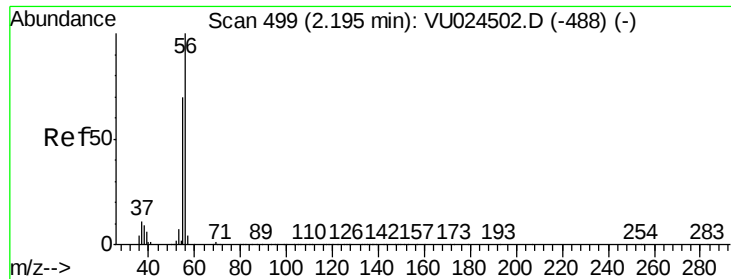


#12

1,1-Dichloroethene
 Concen: 19.934 ug/l
 RT: 2.28 min Scan# 527
 Delta R.T. -0.00 min
 Lab File: VU025087.D
 Acq: 30 Jun 2018 14:45

Tgt Ion: 96 Resp: 39321
 Ion Ratio Lower Upper
 96 100
 61 178.6 141.7 212.5
 98 63.0 51.6 77.4





#13

Acrolein

Concen: 40.767 ug/l

RT: 2.19 min Scan# 499

Delta R.T. -0.00 min

Lab File: VU025087.D

Acq: 30 Jun 2018 14:45

Instrument :

MSVOA_U

ClientSampleId :

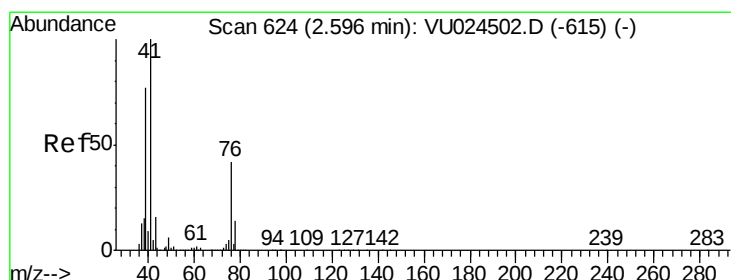
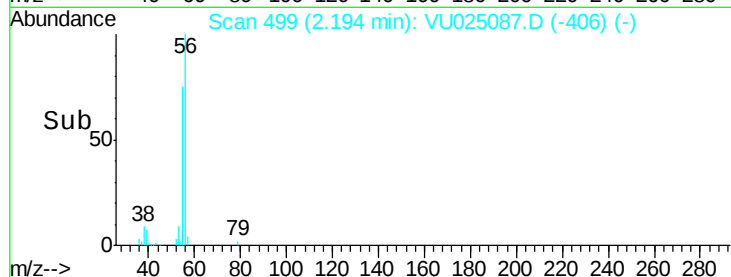
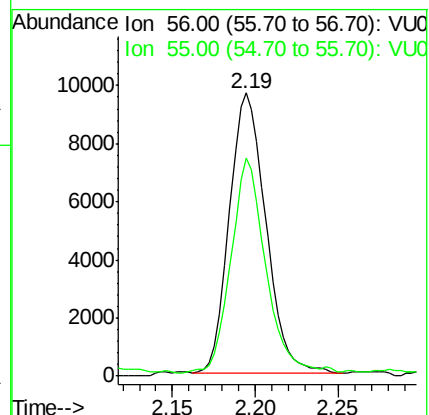
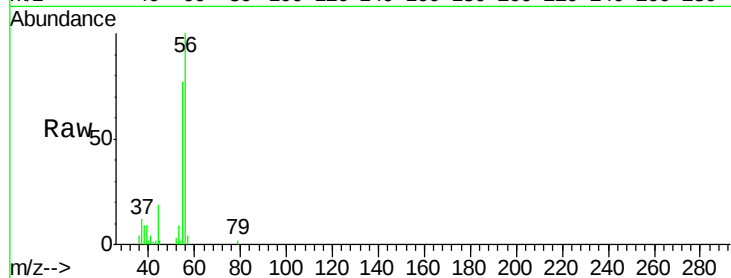
VU0630WBSD01

Tgt Ion: 56 Resp: 14725

Ion Ratio Lower Upper

56 100

55 72.5 58.4 87.6



#14

Allyl chloride

Concen: 18.726 ug/l

RT: 2.60 min Scan# 624

Delta R.T. -0.00 min

Lab File: VU025087.D

Acq: 30 Jun 2018 14:45

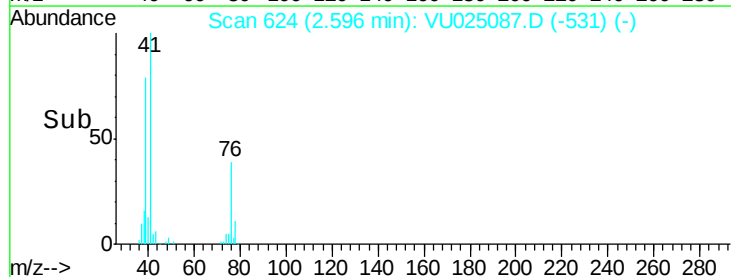
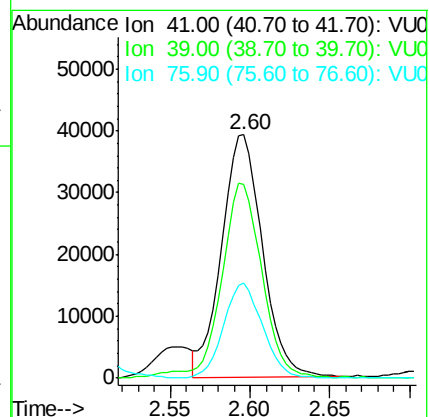
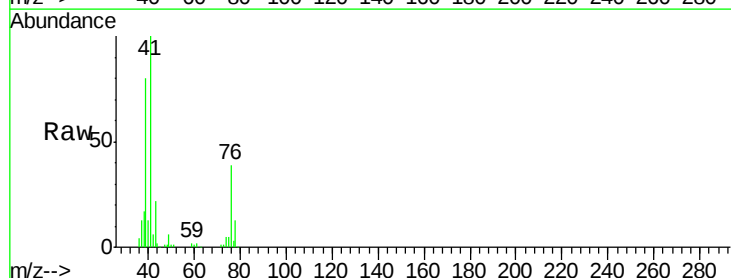
Tgt Ion: 41 Resp: 68586

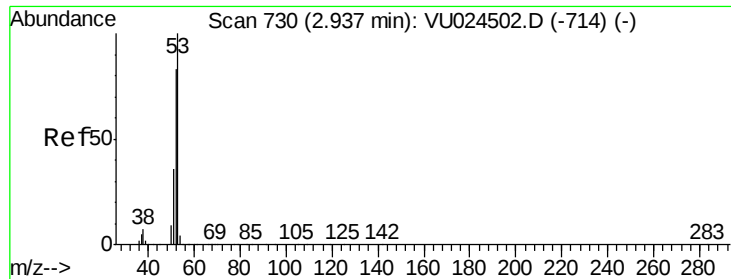
Ion Ratio Lower Upper

41 100

39 80.1 61.6 92.4

76 37.5 29.7 44.5

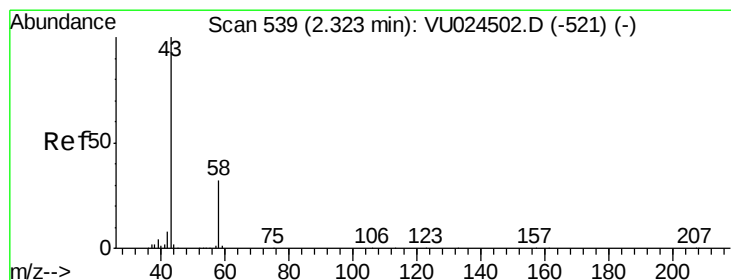
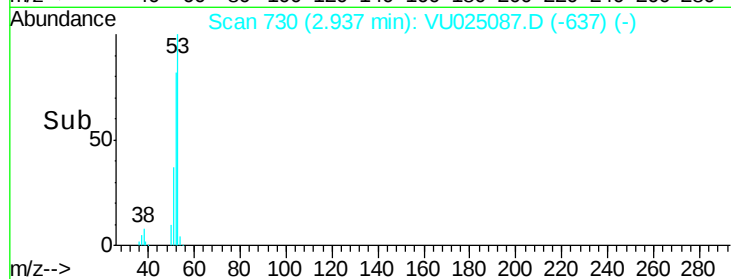
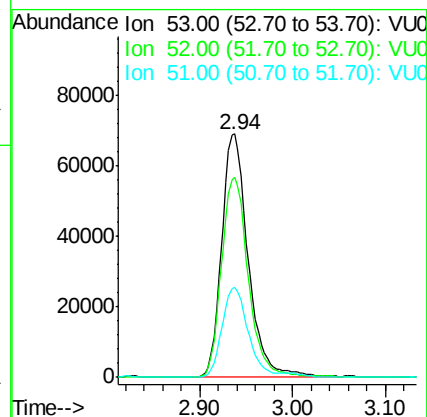
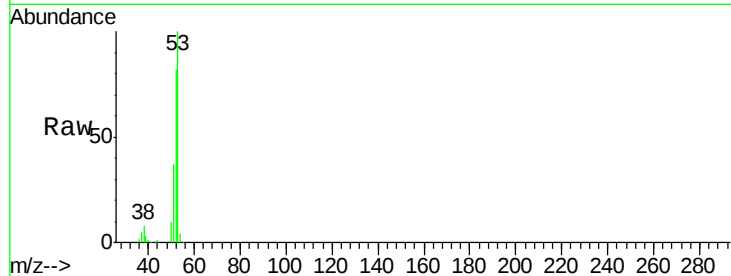




#15
 Acrylonitrile
 Concen: 102.559 ug/l
 RT: 2.94 min Scan# 730
 Delta R.T. -0.00 min
 Lab File: VU025087.D
 Acq: 30 Jun 2018 14:45

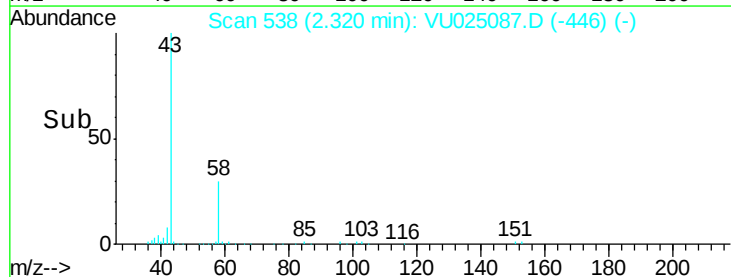
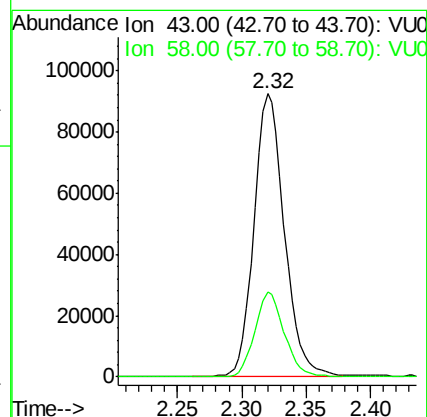
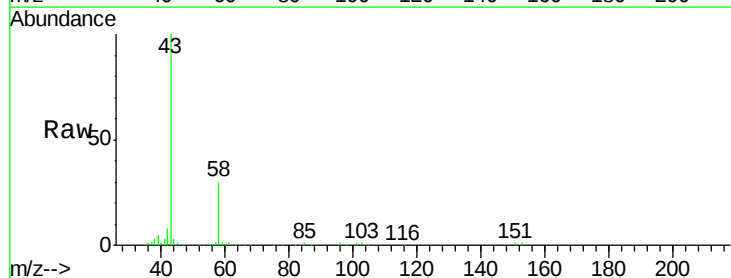
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0630WBSD01

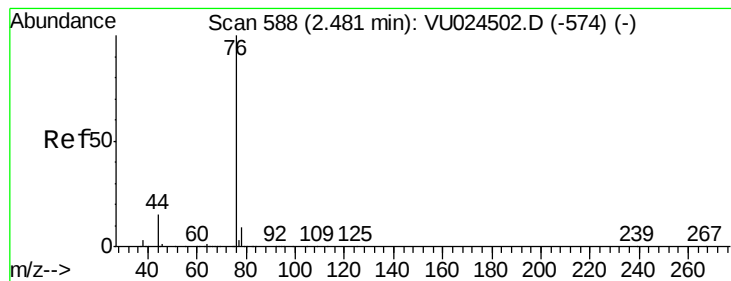
Tgt Ion: 53 Resp: 137251
 Ion Ratio Lower Upper
 53 100
 52 82.8 67.1 100.7
 51 36.5 28.4 42.6



#16
 Acetone
 Concen: 100.271 ug/l
 RT: 2.32 min Scan# 538
 Delta R.T. -0.00 min
 Lab File: VU025087.D
 Acq: 30 Jun 2018 14:45

Tgt Ion: 43 Resp: 152368
 Ion Ratio Lower Upper
 43 100
 58 30.0 24.4 36.6





#17

Carbon Disulfide

Concen: 17.490 ug/l

RT: 2.48 min Scan# 588

Delta R.T. -0.00 min

Lab File: VU025087.D

Acq: 30 Jun 2018 14:45

Instrument :

MSVOA_U

ClientSampleId :

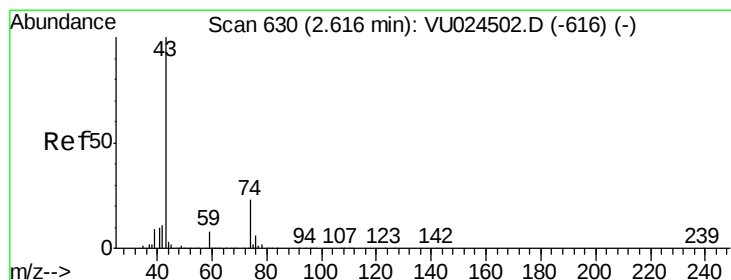
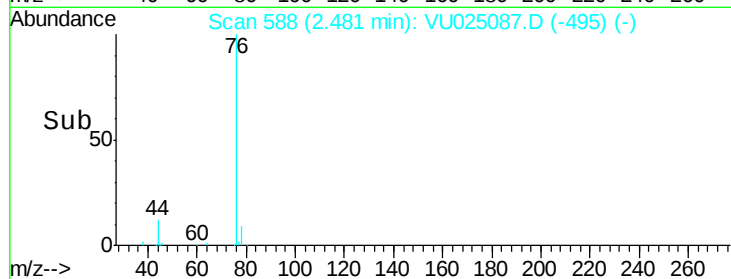
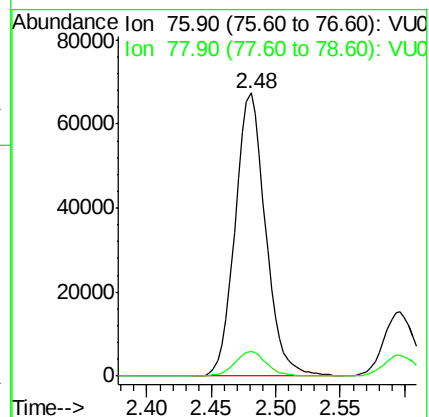
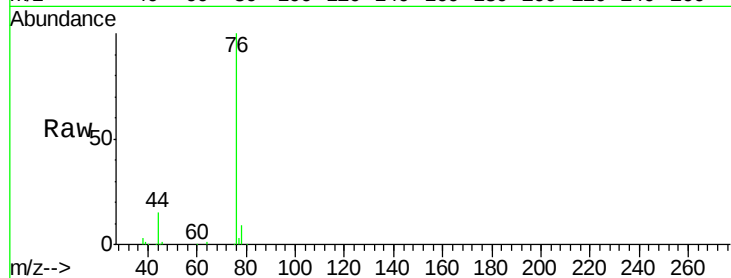
VU0630WBSD01

Tgt Ion: 76 Resp: 110472

Ion Ratio Lower Upper

76 100

78 8.8 7.1 10.7



#18

Methyl Acetate

Concen: 24.336 ug/l

RT: 2.62 min Scan# 630

Delta R.T. -0.00 min

Lab File: VU025087.D

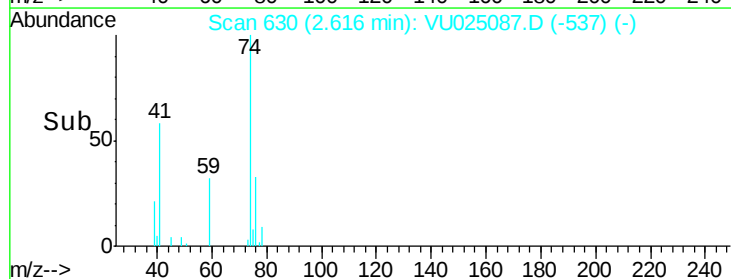
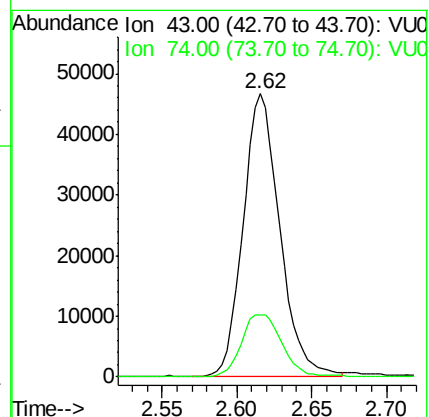
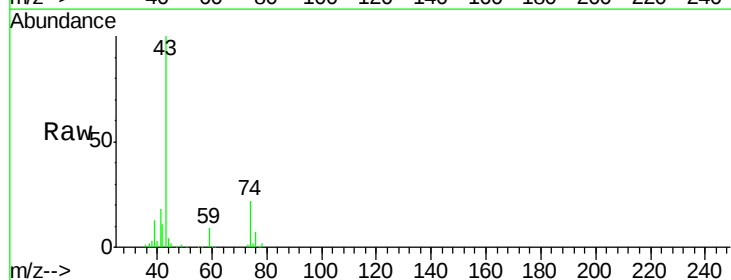
Acq: 30 Jun 2018 14:45

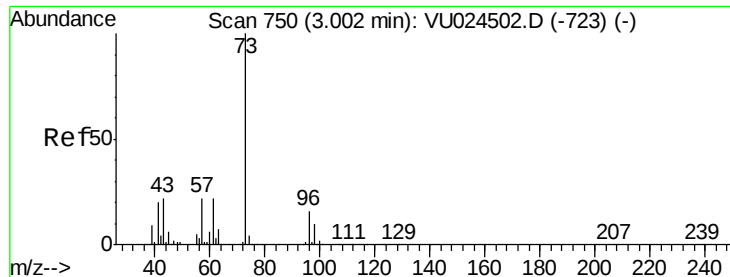
Tgt Ion: 43 Resp: 79279

Ion Ratio Lower Upper

43 100

74 24.5 18.0 27.0





#19

Methyl tert-butyl Ether

Concen: 21.444 ug/l

RT: 3.00 min Scan# 749

Delta R.T. -0.00 min

Lab File: VU025087.D

Acq: 30 Jun 2018 14:45

Instrument :

MSVOA_U

ClientSampleId :

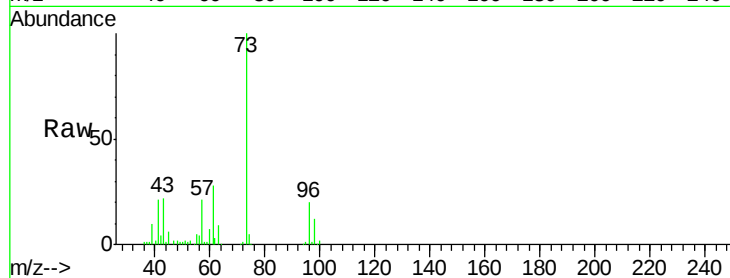
VU0630WBSD01

Tgt Ion: 73 Resp: 159008

Ion Ratio Lower Upper

73 100

57 21.0 18.8 28.2

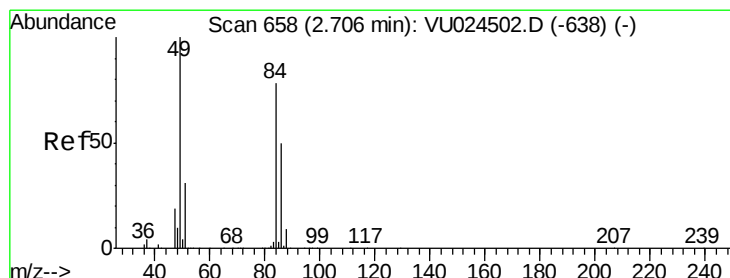
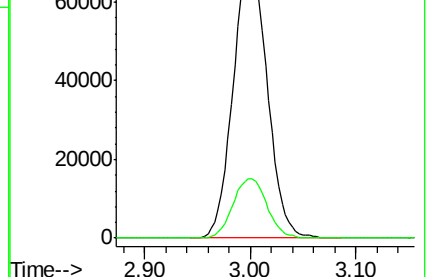
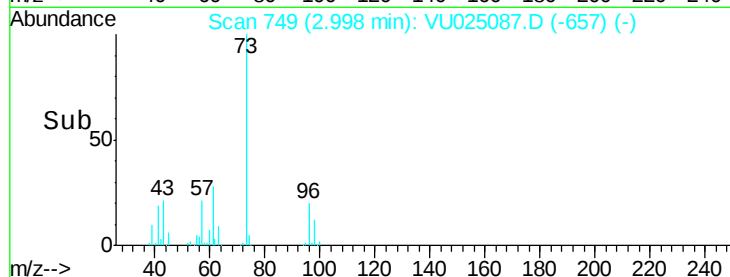


Abundance Ion 73.00 (72.70 to 73.70): VU024502.D (-723) (-)

Ion 57.00 (56.70 to 57.70): VU024502.D (-723) (-)

3.00

Time-->



#20

Methylene Chloride

Concen: 20.499 ug/l

RT: 2.70 min Scan# 657

Delta R.T. -0.00 min

Lab File: VU025087.D

Acq: 30 Jun 2018 14:45

Tgt Ion: 84 Resp: 48875

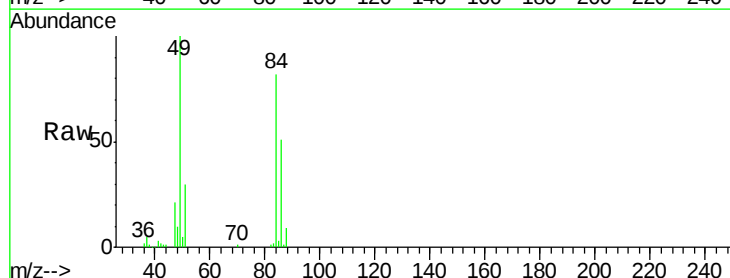
Ion Ratio Lower Upper

84 100

49 122.1 103.8 155.8

51 37.1 32.0 48.0

86 62.5 51.6 77.4



Abundance Ion 83.90 (83.60 to 84.60): VU024502.D (-638) (-)

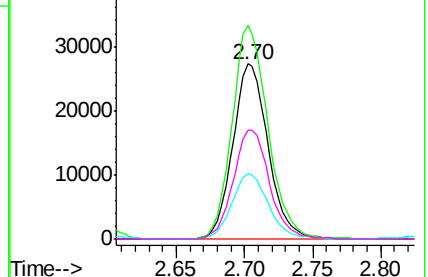
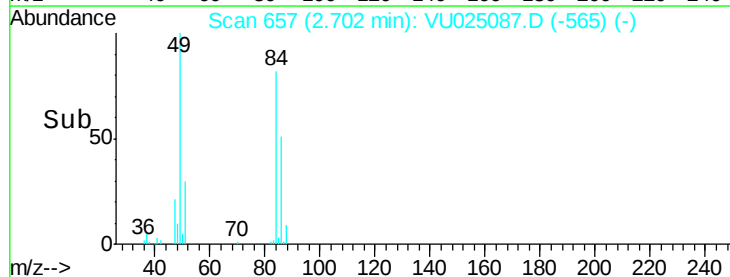
Ion 48.90 (48.60 to 49.60): VU024502.D (-638) (-)

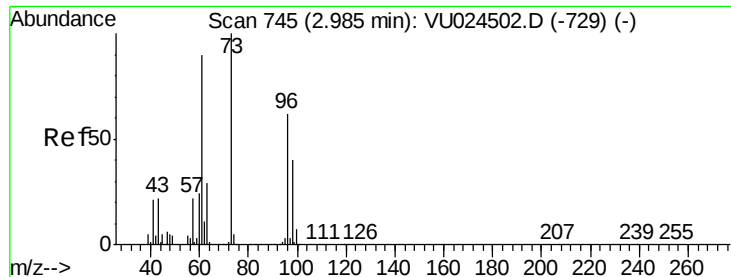
Ion 50.90 (50.60 to 51.60): VU024502.D (-638) (-)

Ion 85.90 (85.60 to 86.60): VU024502.D (-638) (-)

2.70

Time-->





#21

trans-1,2-Dichloroethene

Concen: 19.856 ug/l

RT: 2.99 min Scan# 745

Delta R.T. -0.00 min

Lab File: VU025087.D

Acq: 30 Jun 2018 14:45

Instrument :

MSVOA_U

ClientSampleId :

VU0630WBSD01

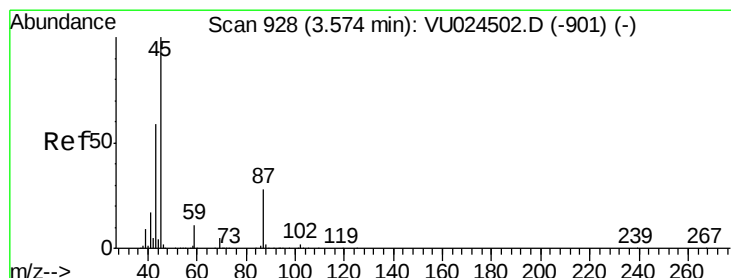
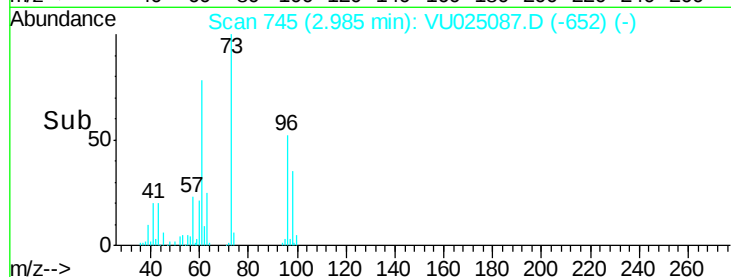
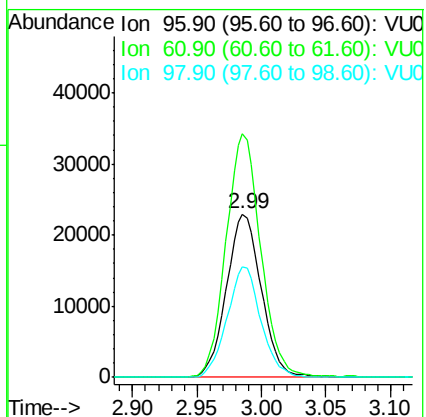
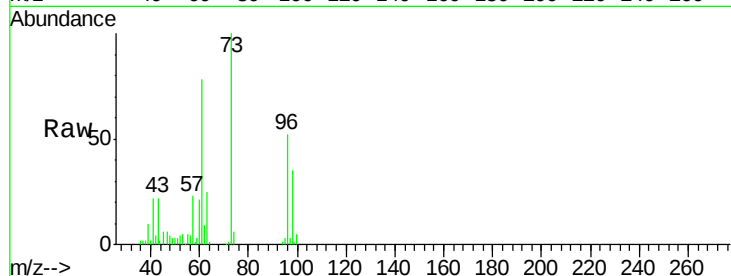
Tgt Ion: 96 Resp: 43138

Ion Ratio Lower Upper

96 100

61 148.9 119.4 179.0

98 67.3 51.1 76.7



#22

Diisopropyl ether

Concen: 20.900 ug/l

RT: 3.57 min Scan# 928

Delta R.T. -0.00 min

Lab File: VU025087.D

Acq: 30 Jun 2018 14:45

Tgt Ion: 45 Resp: 151745

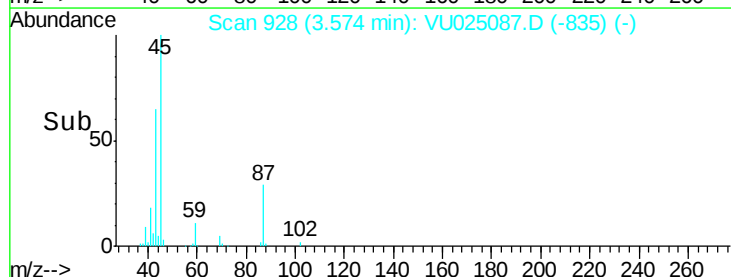
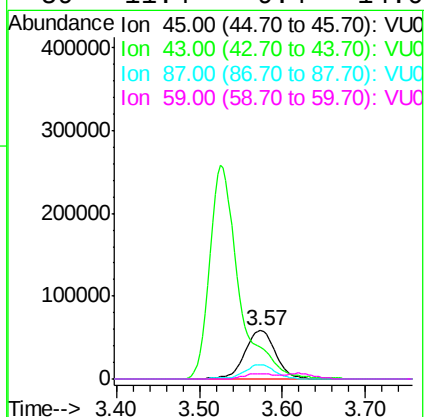
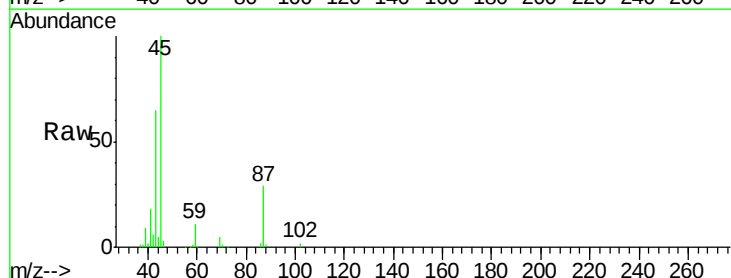
Ion Ratio Lower Upper

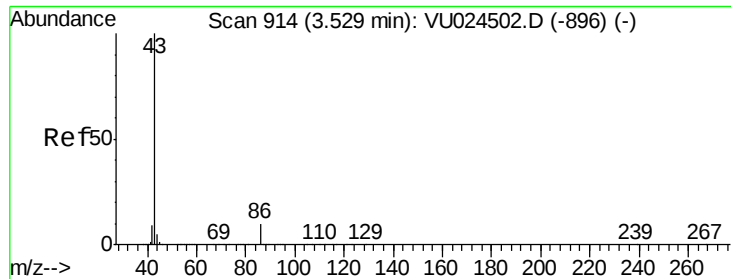
45 100

43 63.6 45.8 68.6

87 29.4 20.6 31.0

59 11.4 9.4 14.0





#23

Vinyl Acetate

Concen: 97.896 ug/l

RT: 3.53 min Scan# 913

Delta R.T. -0.00 min

Lab File: VU025087.D

Acq: 30 Jun 2018 14:45

Instrument :

MSVOA_U

ClientSampleId :

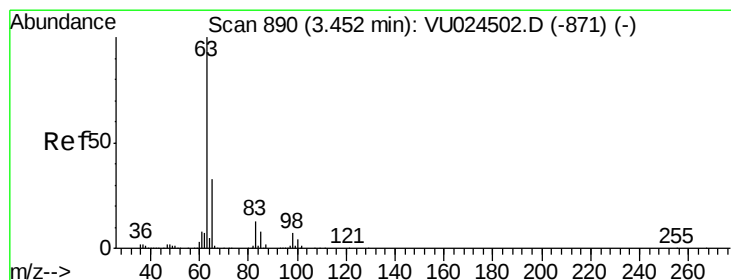
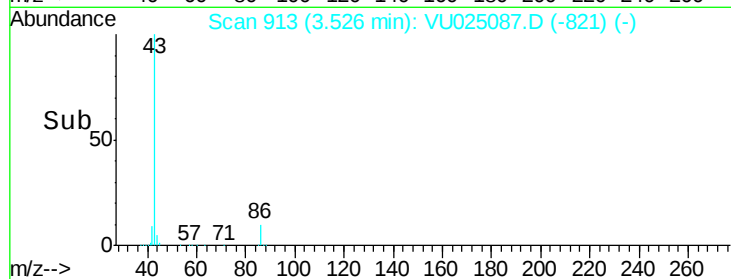
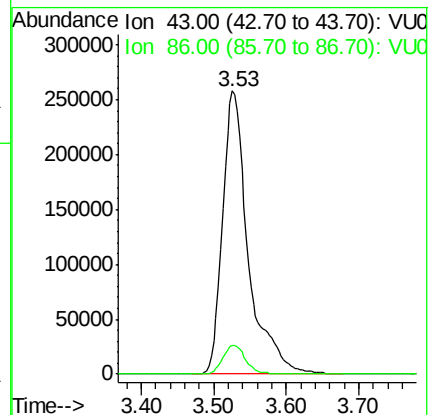
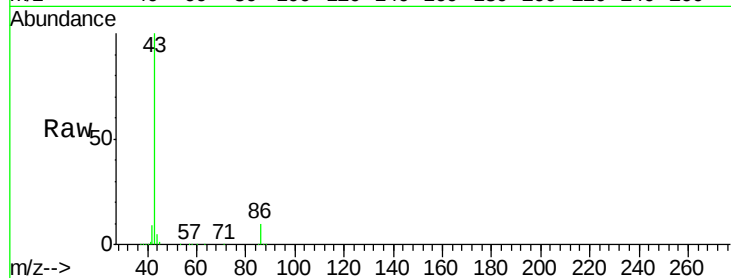
VU0630WBSD01

Tgt Ion: 43 Resp: 636704

Ion Ratio Lower Upper

43 100

86 10.2 7.8 11.8



#24

1,1-Dichloroethane

Concen: 20.996 ug/l

RT: 3.45 min Scan# 889

Delta R.T. -0.00 min

Lab File: VU025087.D

Acq: 30 Jun 2018 14:45

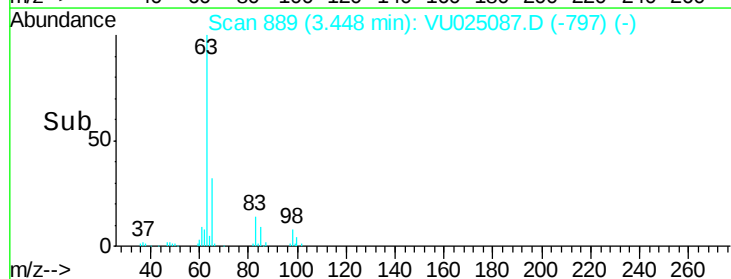
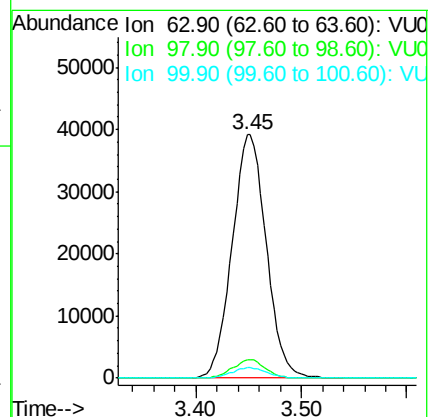
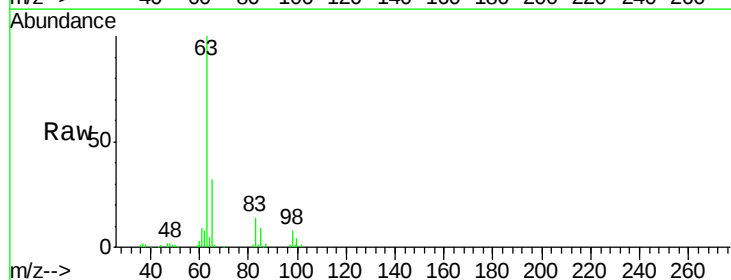
Tgt Ion: 63 Resp: 87696

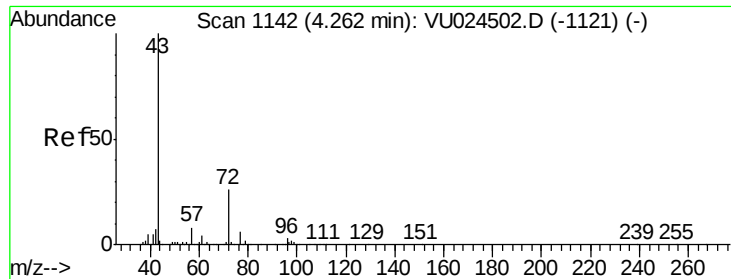
Ion Ratio Lower Upper

63 100

98 7.6 3.5 10.4

100 4.2 1.8 5.5

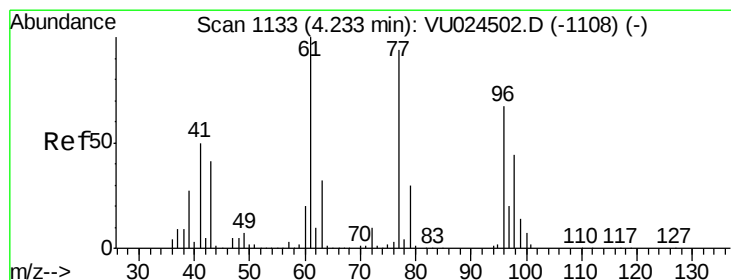
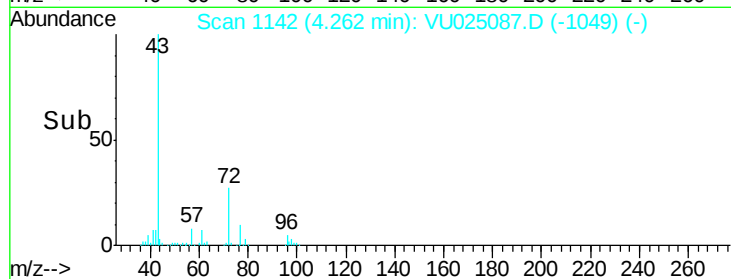
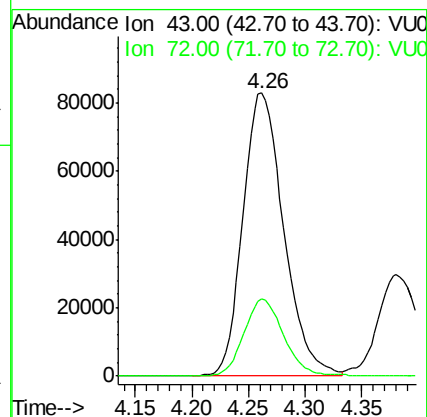
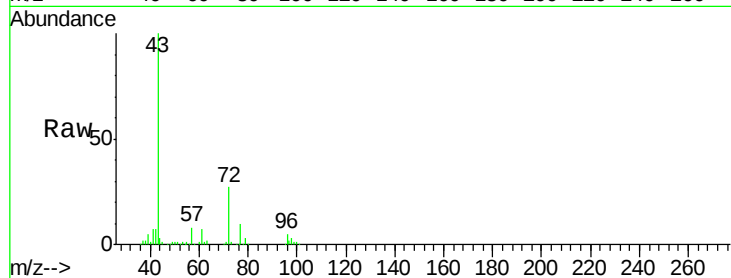




#25
2-Butanone
Concen: 101.338 ug/l
RT: 4.26 min Scan# 1142
Delta R.T. -0.00 min
Lab File: VU025087.D
Acq: 30 Jun 2018 14:45

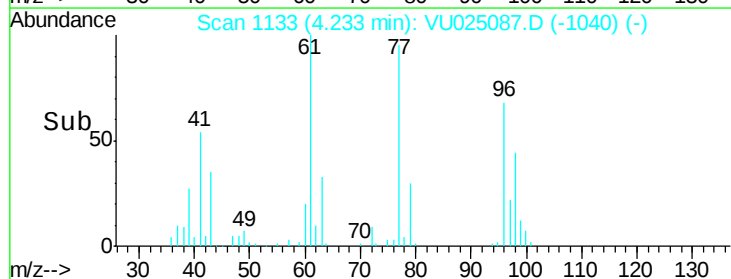
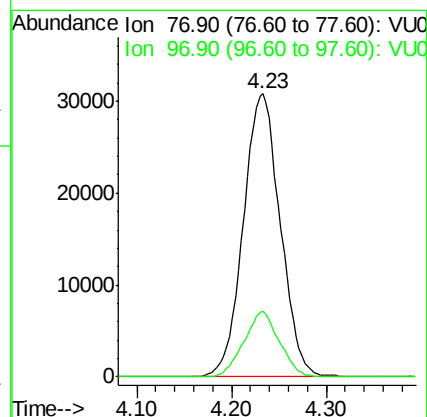
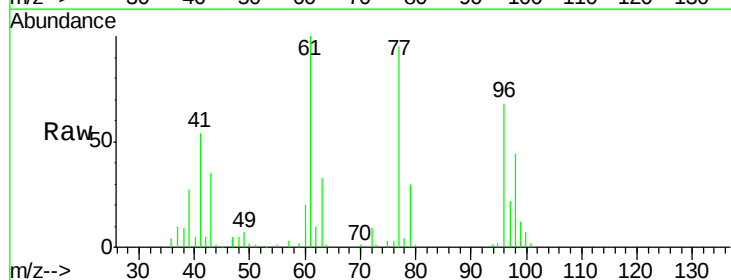
Instrument :
MSVOA_U
ClientSampleId :
VU0630WBSD01

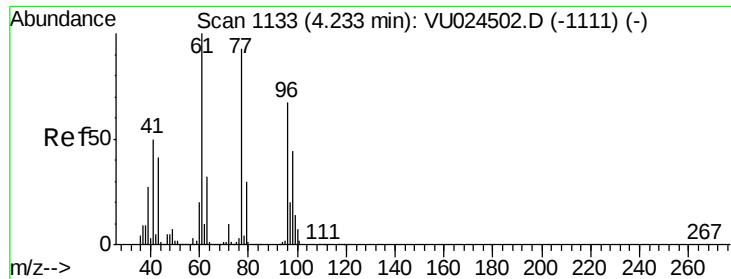
Tgt Ion: 43 Resp: 206843
Ion Ratio Lower Upper
43 100
72 27.4 19.6 29.4



#26
2,2-Dichloropropane
Concen: 21.057 ug/l
RT: 4.23 min Scan# 1133
Delta R.T. -0.00 min
Lab File: VU025087.D
Acq: 30 Jun 2018 14:45

Tgt Ion: 77 Resp: 83512
Ion Ratio Lower Upper
77 100
97 22.3 11.3 33.8





#27

cis-1,2-Dichloroethene

Concen: 21.081 ug/l

RT: 4.23 min Scan# 1133

Delta R.T. -0.00 min

Lab File: VU025087.D

Acq: 30 Jun 2018 14:45

Instrument :

MSVOA_U

ClientSampleId :

VU0630WBSD01

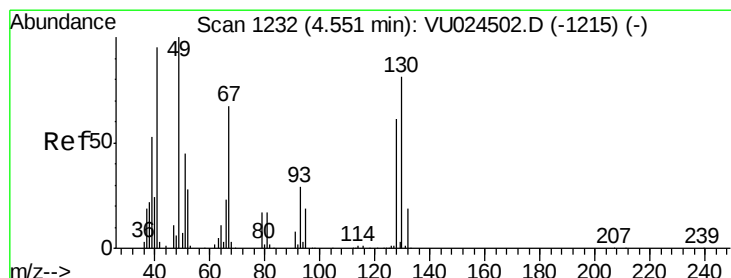
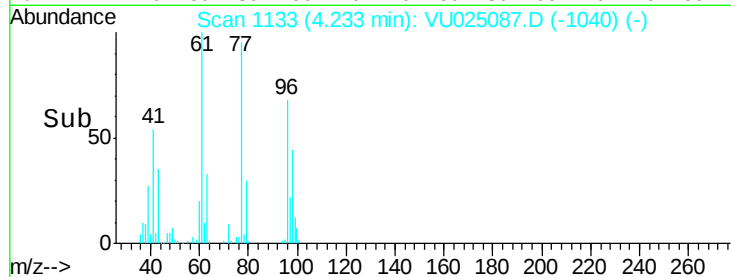
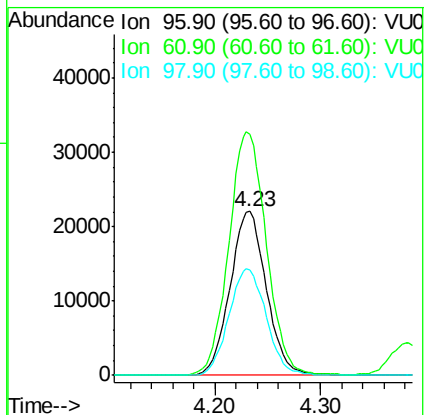
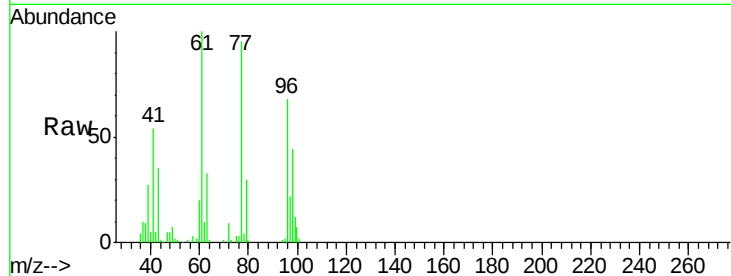
Tgt Ion: 96 Resp: 52656

Ion Ratio Lower Upper

96 100

61 153.7 0.0 306.6

98 66.8 0.0 128.8



#28

Bromochloromethane

Concen: 19.979 ug/l

RT: 4.55 min Scan# 1233

Delta R.T. 0.00 min

Lab File: VU025087.D

Acq: 30 Jun 2018 14:45

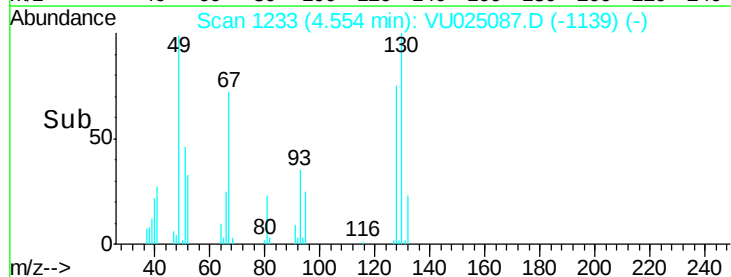
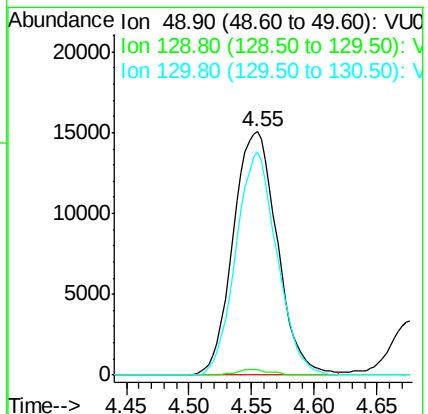
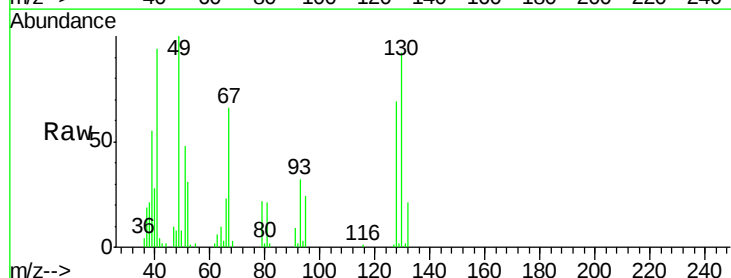
Tgt Ion: 49 Resp: 36756

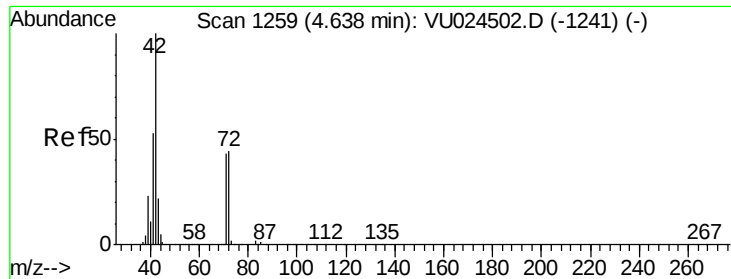
Ion Ratio Lower Upper

49 100

129 1.7 0.0 3.8

130 85.3 57.8 86.6





#29

Tetrahydrofuran

Concen: 101.684 ug/l

RT: 4.64 min Scan# 1259

Delta R.T. -0.00 min

Lab File: VU025087.D

Acq: 30 Jun 2018 14:45

Instrument :

MSVOA_U

ClientSampleId :

VU0630WBSD01

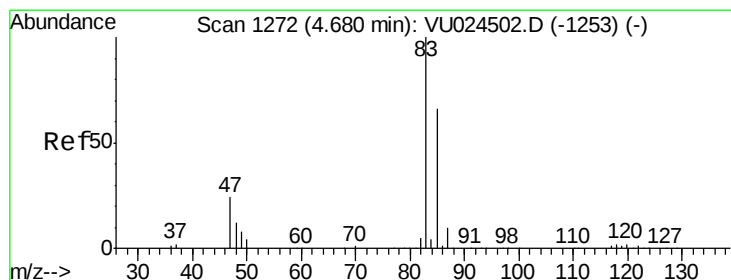
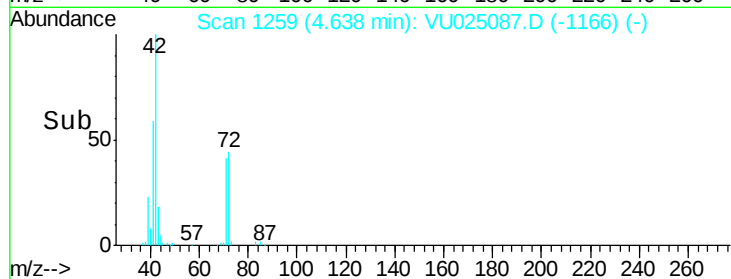
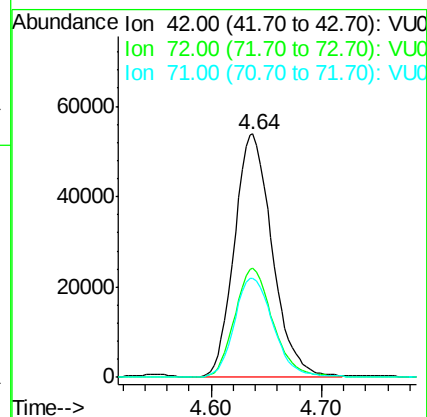
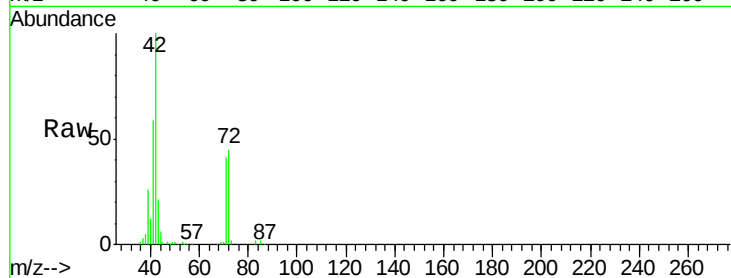
Tgt Ion: 42 Resp: 128529

Ion Ratio Lower Upper

42 100

72 45.3 34.5 51.7

71 41.9 32.2 48.4



#30

Chloroform

Concen: 22.030 ug/l

RT: 4.68 min Scan# 1272

Delta R.T. -0.00 min

Lab File: VU025087.D

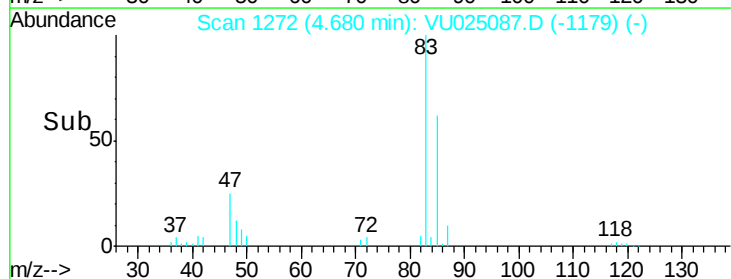
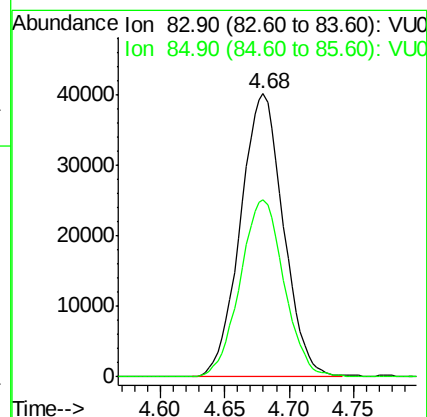
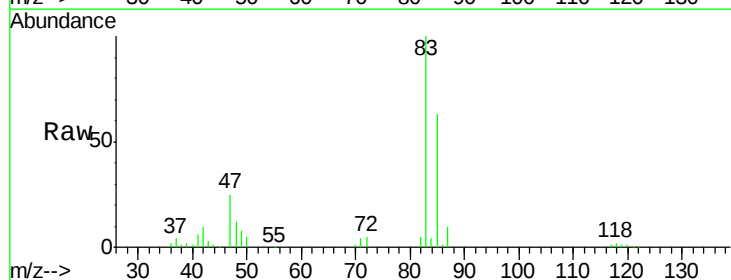
Acq: 30 Jun 2018 14:45

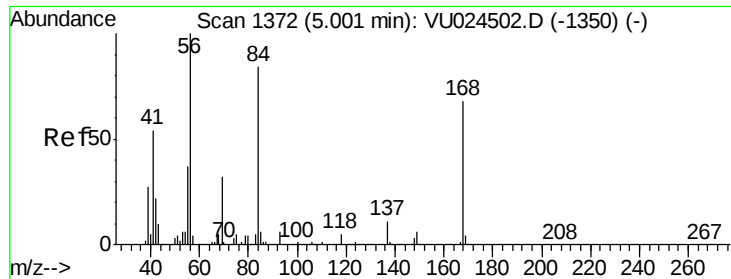
Tgt Ion: 83 Resp: 93131

Ion Ratio Lower Upper

83 100

85 62.6 52.4 78.6

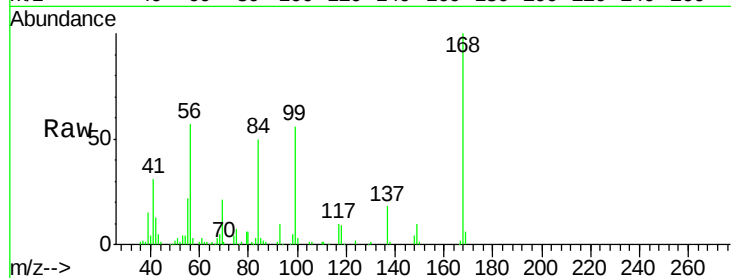




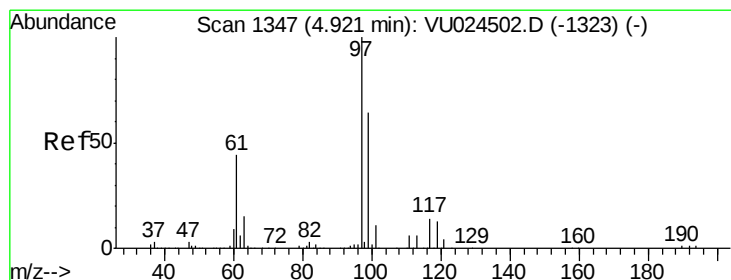
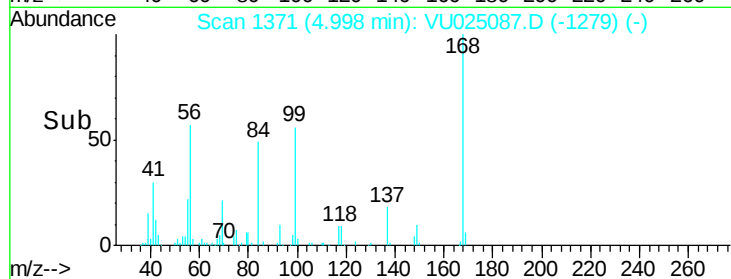
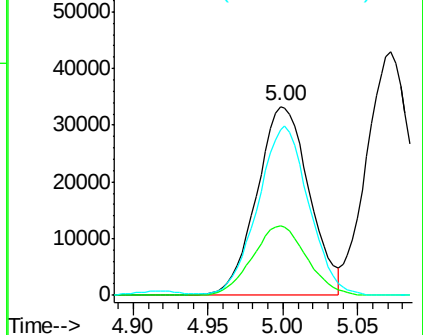
#31
Cyclohexane
Concen: 20.677 ug/l
RT: 5.00 min Scan# 1371
Delta R.T. -0.00 min
Lab File: VU025087.D
Acq: 30 Jun 2018 14:45

Instrument :
MSVOA_U
ClientSampleId :
VU0630WBSD01

Tgt Ion	Ratio	Lower	Upper
56	100		
69	36.5	24.8	37.2
84	86.5	65.2	97.8

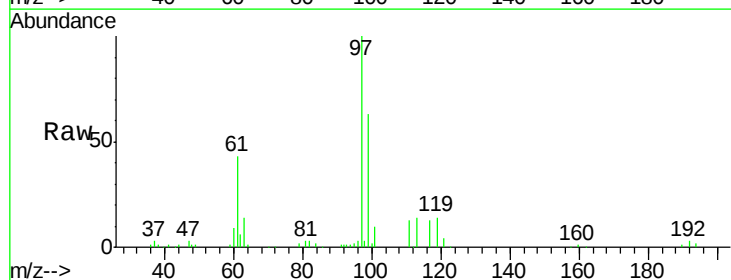


Abundance Ion 56.00 (55.70 to 56.70): VU0
Ion 69.00 (68.70 to 69.70): VU0
Ion 84.00 (83.70 to 84.70): VU0

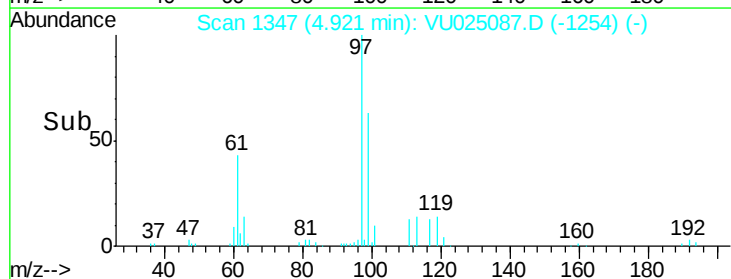
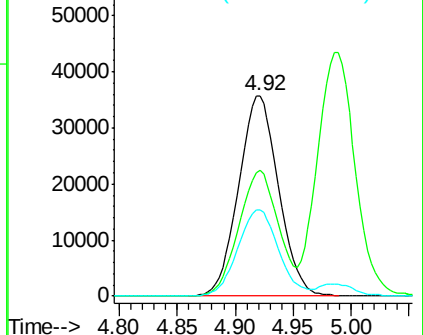


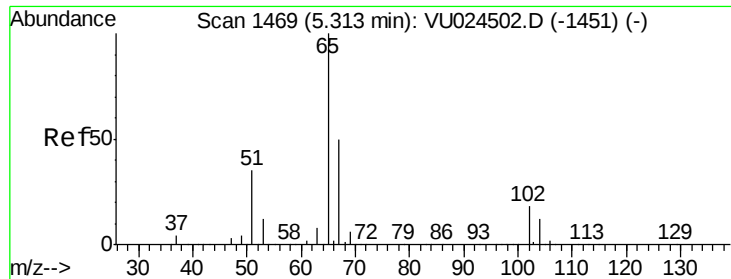
#32
1,1,1-Trichloroethane
Concen: 21.928 ug/l
RT: 4.92 min Scan# 1347
Delta R.T. -0.00 min
Lab File: VU025087.D
Acq: 30 Jun 2018 14:45

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.0	51.0	76.6
61	44.1	39.4	59.0



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

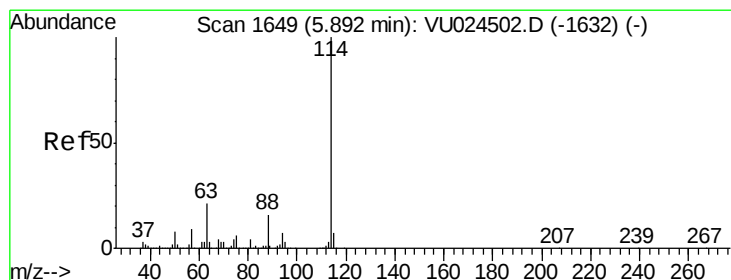
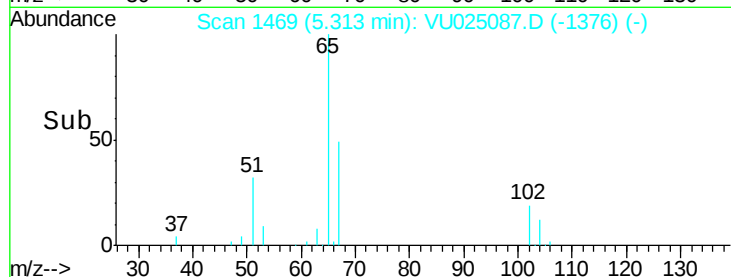
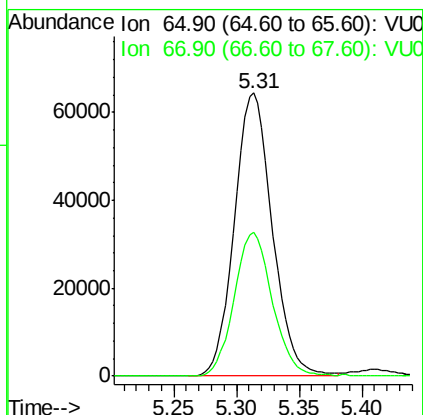
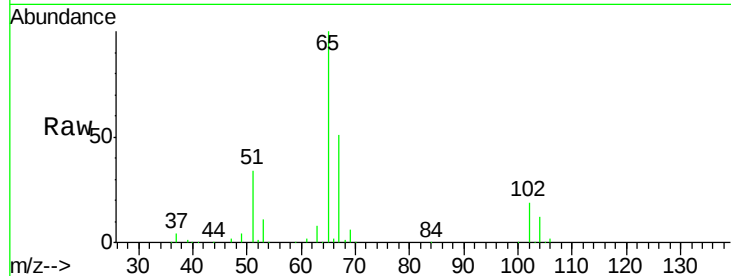




#33
 1,2-Dichloroethane-d4
 Concen: 47.900 ug/l
 RT: 5.31 min Scan# 1469
 Delta R.T. -0.00 min
 Lab File: VU025087.D
 Acq: 30 Jun 2018 14:45

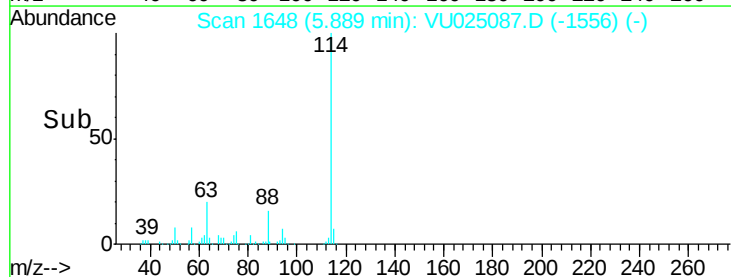
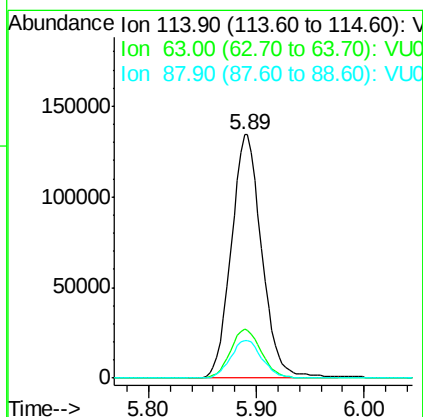
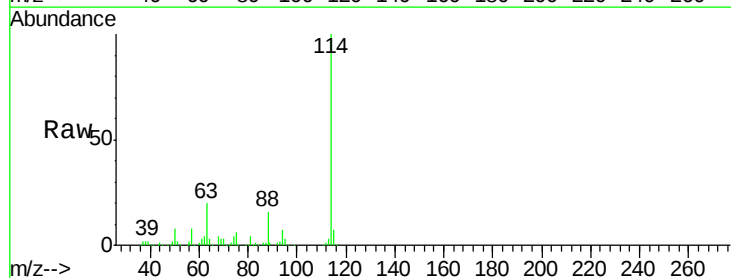
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0630WBSD01

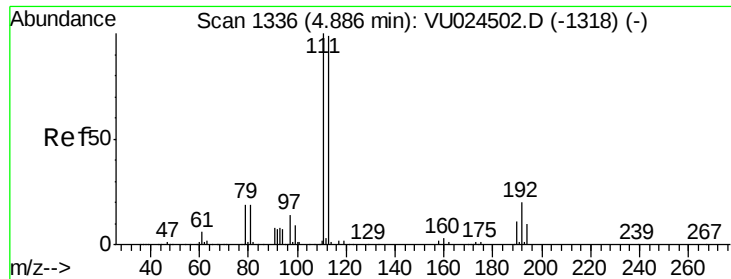
Tgt Ion: 65 Resp: 135470
 Ion Ratio Lower Upper
 65 100
 67 51.0 0.0 107.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1648
 Delta R.T. -0.00 min
 Lab File: VU025087.D
 Acq: 30 Jun 2018 14:45

Tgt Ion: 114 Resp: 264920
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 45.4
 88 15.6 0.0 31.0

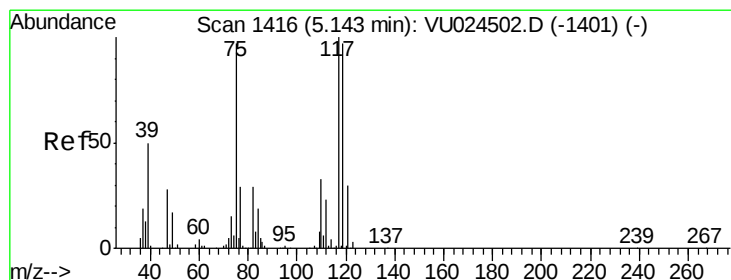
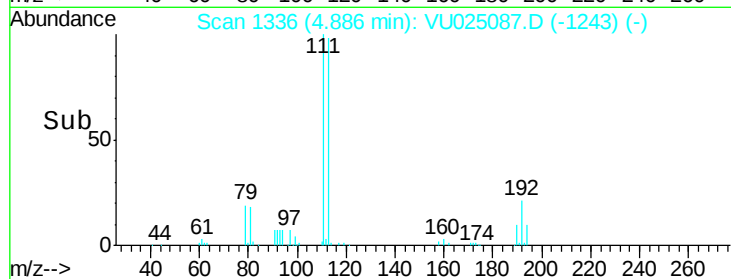
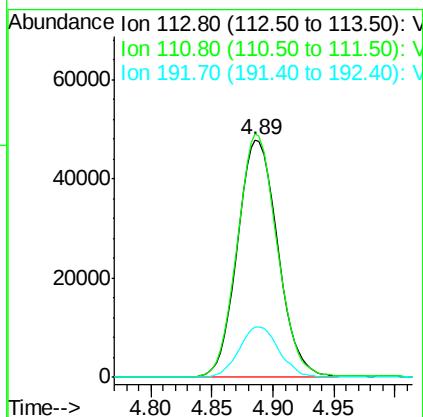
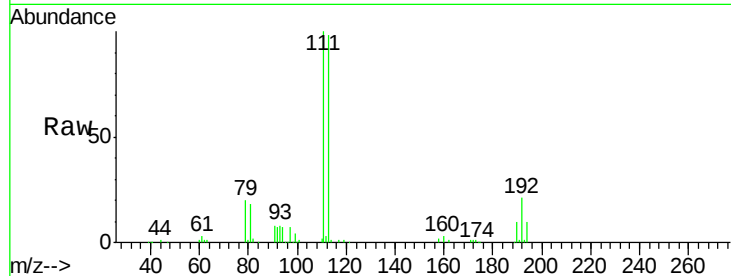




#35
 Dibromofluoromethane
 Concen: 49.977 ug/l
 RT: 4.89 min Scan# 1336
 Delta R.T. -0.00 min
 Lab File: VU025087.D
 Acq: 30 Jun 2018 14:45

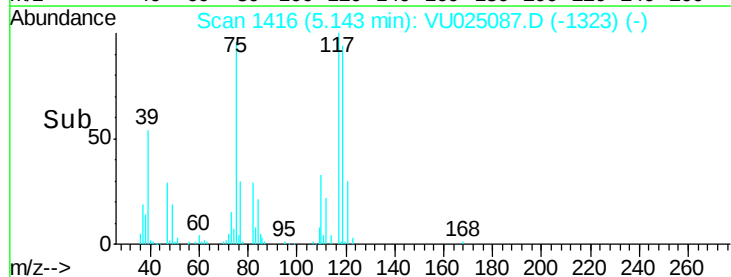
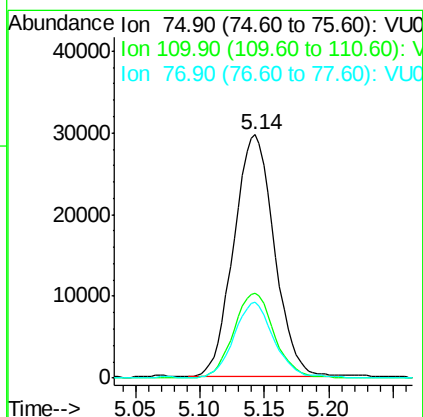
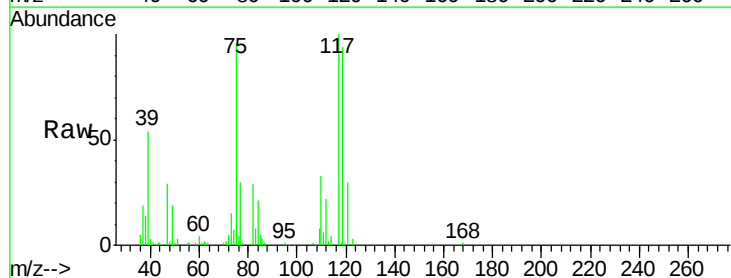
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0630WBSD01

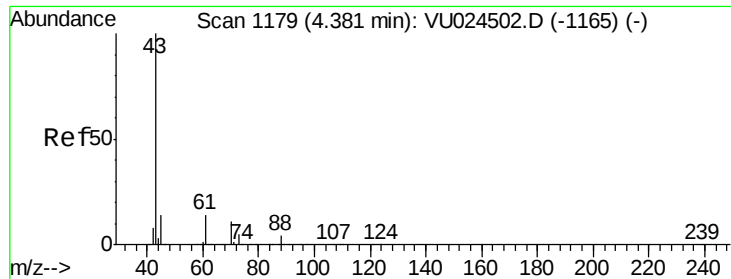
Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.0	82.2	123.4
192	21.0	16.2	24.4



#36
 1,1-Dichloropropene
 Concen: 20.869 ug/l
 RT: 5.14 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: VU025087.D
 Acq: 30 Jun 2018 14:45

Tgt Ion	Ratio	Lower	Upper
75	100		
110	35.2	17.0	50.9
77	31.1	24.2	36.4

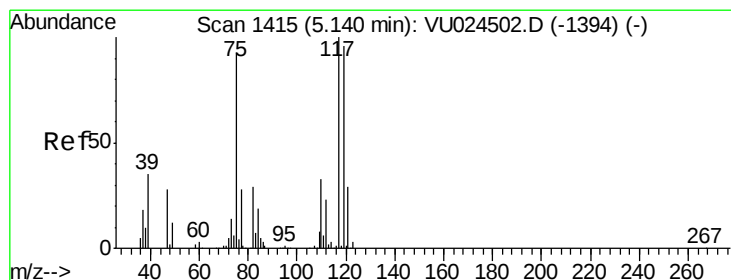
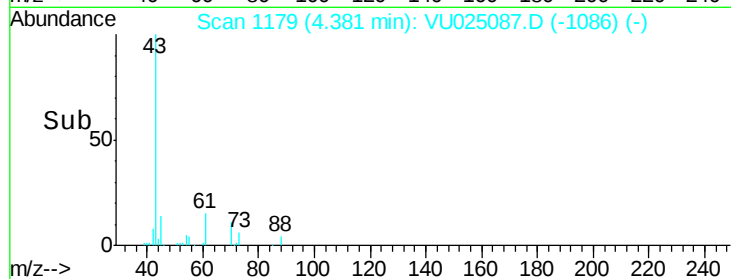
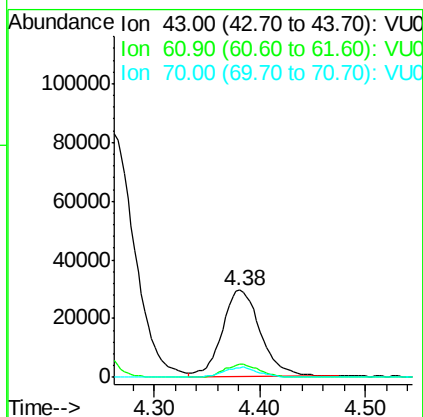
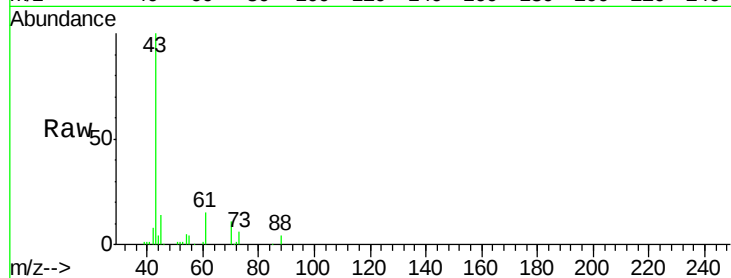




#37
 Ethyl Acetate
 Concen: 21.623 ug/l
 RT: 4.38 min Scan# 1179
 Delta R.T. -0.00 min
 Lab File: VU025087.D
 Acq: 30 Jun 2018 14:45

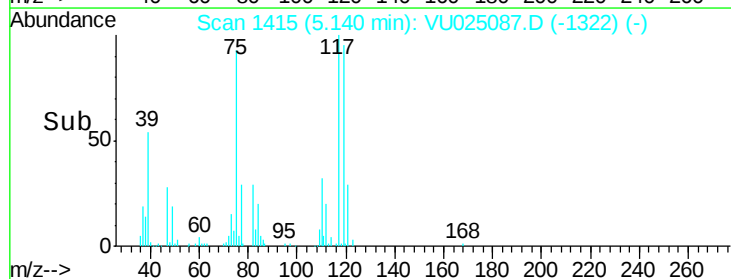
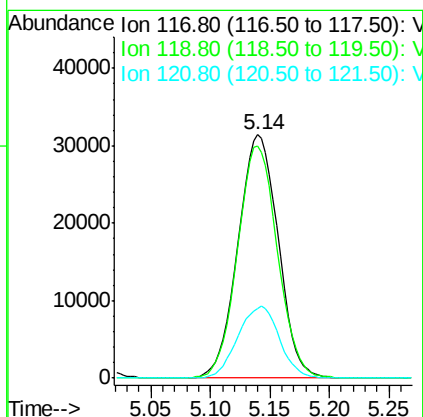
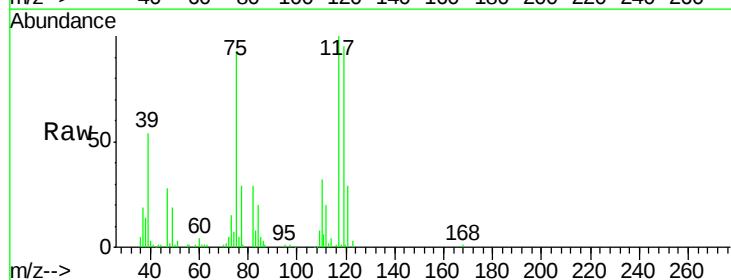
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0630WBSD01

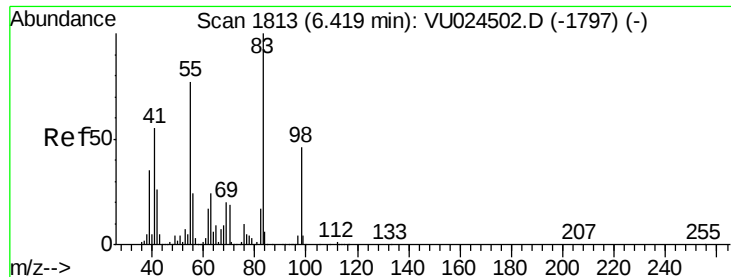
Tgt Ion: 43 Resp: 73366
 Ion Ratio Lower Upper
 43 100
 61 14.6 10.5 15.7
 70 10.9 7.4 11.2



#38
 Carbon Tetrachloride
 Concen: 21.483 ug/l
 RT: 5.14 min Scan# 1415
 Delta R.T. -0.00 min
 Lab File: VU025087.D
 Acq: 30 Jun 2018 14:45

Tgt Ion: 117 Resp: 73542
 Ion Ratio Lower Upper
 117 100
 119 95.1 76.1 114.1
 121 28.6 23.7 35.5

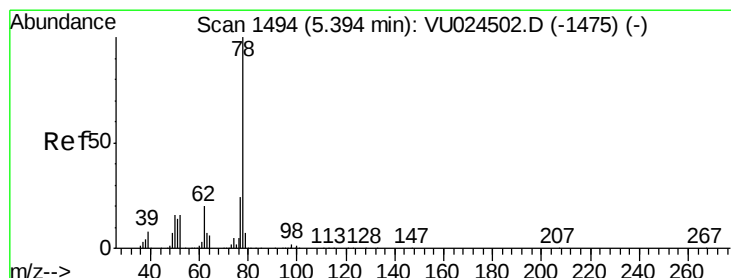
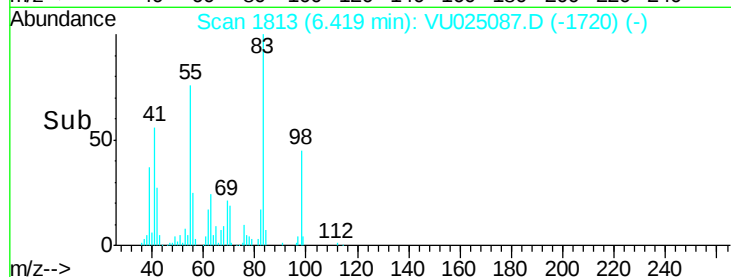
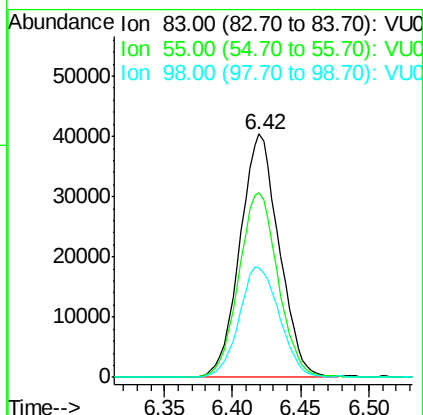
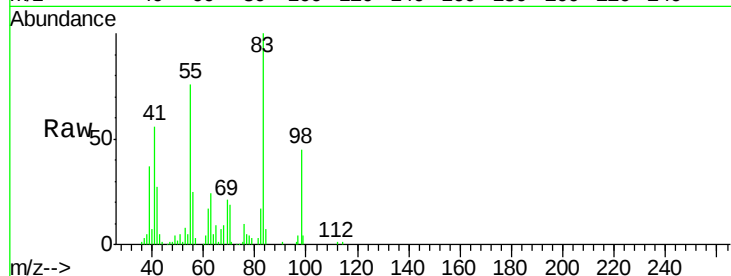




#39
Methylcyclohexane
Concen: 20.671 ug/l
RT: 6.42 min Scan# 1813
Delta R.T. -0.00 min
Lab File: VU025087.D
Acq: 30 Jun 2018 14:45

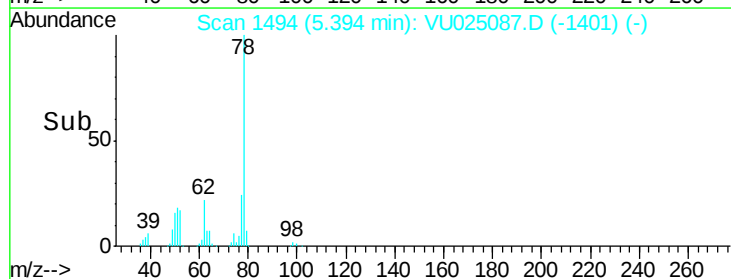
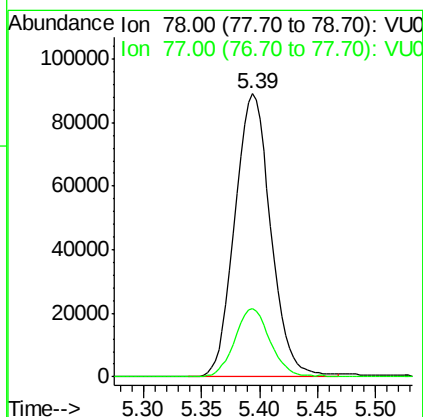
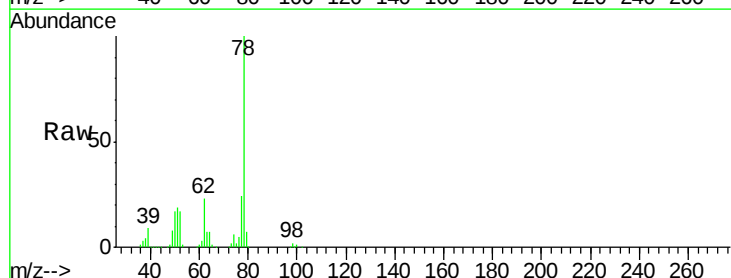
Instrument :
MSVOA_U
ClientSampleId :
VU0630WBSD01

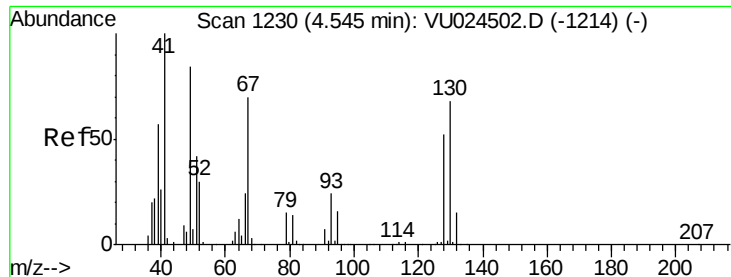
Tgt Ion: 83 Resp: 80304
Ion Ratio Lower Upper
83 100
55 75.8 65.8 98.6
98 44.8 36.7 55.1



#40
Benzene
Concen: 21.630 ug/l
RT: 5.39 min Scan# 1494
Delta R.T. -0.00 min
Lab File: VU025087.D
Acq: 30 Jun 2018 14:45

Tgt Ion: 78 Resp: 191867
Ion Ratio Lower Upper
78 100
77 24.2 19.2 28.8





#41

Methacrylonitrile

Concen: 22.327 ug/l

RT: 4.54 min Scan# 1230

Delta R.T. -0.00 min

Lab File: VU025087.D

Acq: 30 Jun 2018 14:45

Instrument :

MSVOA_U

ClientSampleId :

VU0630WBSD01

Tgt Ion: 41 Resp: 40845

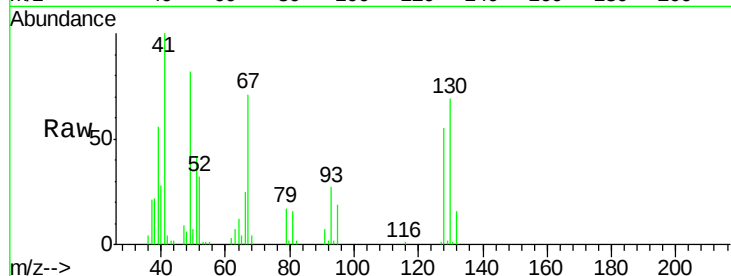
Ion Ratio Lower Upper

41 100

39 56.3 43.8 65.6

67 71.5 56.3 84.5

52 31.8 23.2 34.8

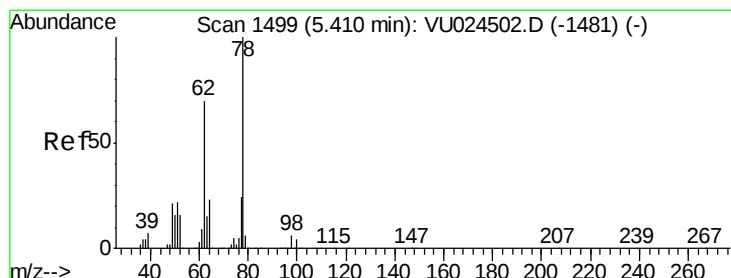
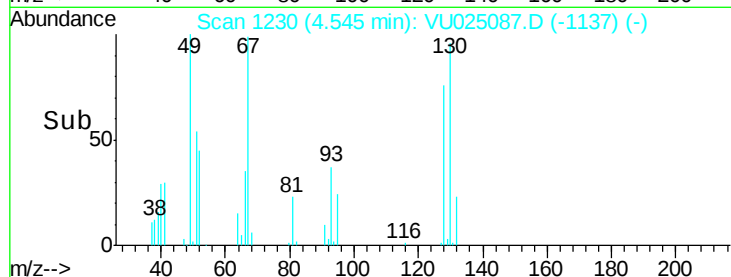
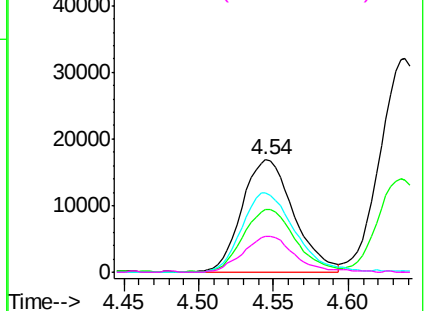


Abundance Ion 41.00 (40.70 to 41.70): VU0

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: 23.711 ug/l

RT: 5.41 min Scan# 1499

Delta R.T. -0.00 min

Lab File: VU025087.D

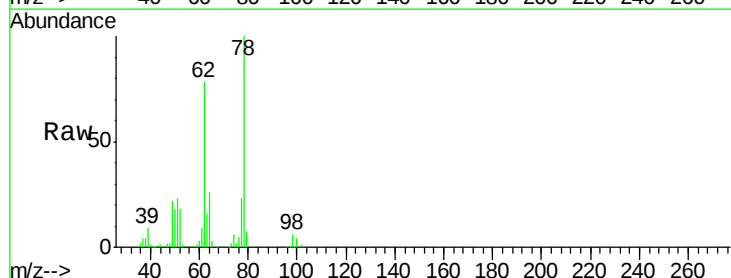
Acq: 30 Jun 2018 14:45

Tgt Ion: 62 Resp: 80106

Ion Ratio Lower Upper

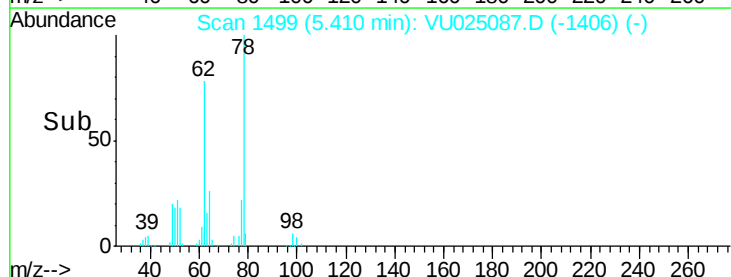
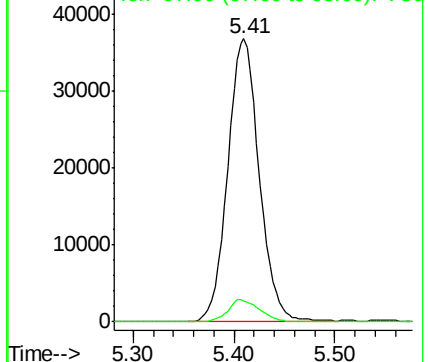
62 100

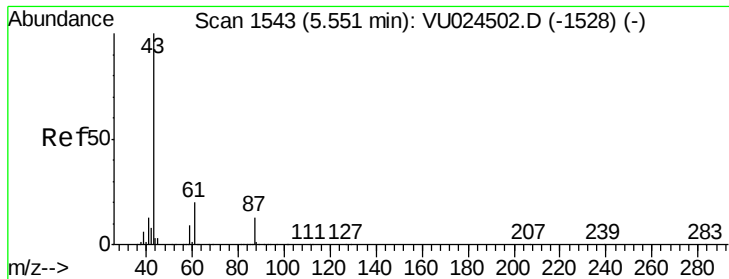
98 7.8 0.0 16.6



Abundance Ion 61.90 (61.60 to 62.60): VU0

Ion 97.90 (97.60 to 98.60): VU0





#43

Isopropyl Acetate

Concen: 20.454 ug/l

RT: 5.55 min Scan# 1542

Delta R.T. -0.00 min

Lab File: VU025087.D

Acq: 30 Jun 2018 14:45

Instrument :

MSVOA_U

ClientSampleId :

VU0630WBSD01

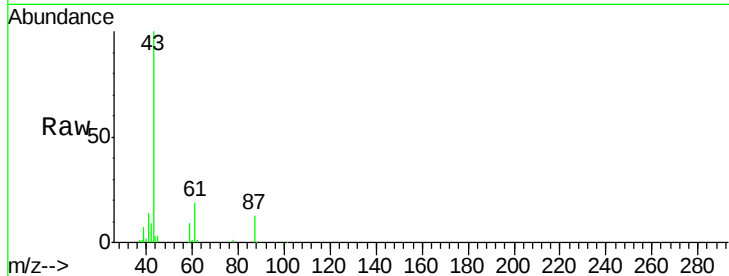
Tgt Ion: 43 Resp: 119959

Ion Ratio Lower Upper

43 100

61 19.3 15.4 23.0

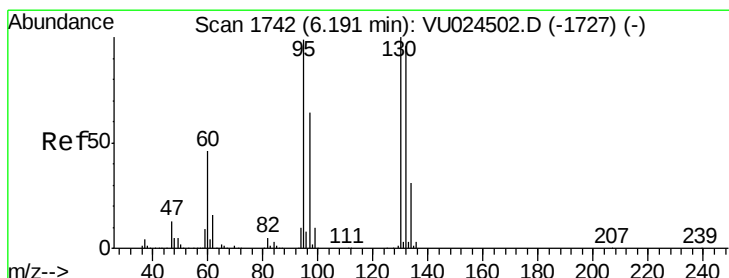
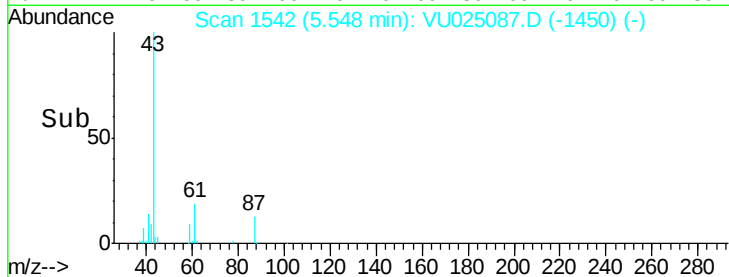
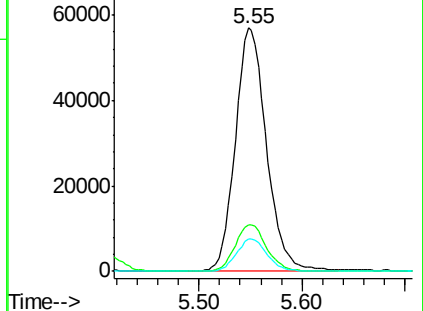
87 13.1 10.0 15.0



Abundance Ion 43.00 (42.70 to 43.70): VU024502.D (-1528) (-)

Ion 61.00 (60.70 to 61.70): VU024502.D (-1528) (-)

Ion 87.00 (86.70 to 87.70): VU024502.D (-1528) (-)



#44

Trichloroethene

Concen: 20.952 ug/l

RT: 6.19 min Scan# 1742

Delta R.T. -0.00 min

Lab File: VU025087.D

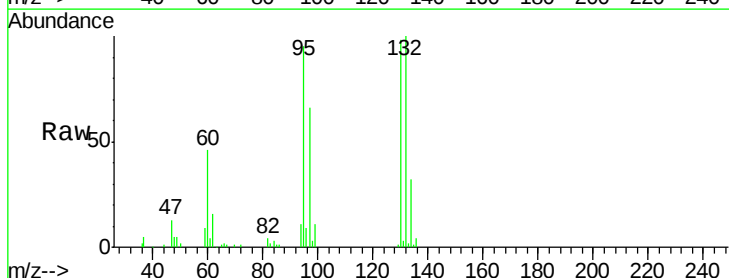
Acq: 30 Jun 2018 14:45

Tgt Ion: 130 Resp: 52894

Ion Ratio Lower Upper

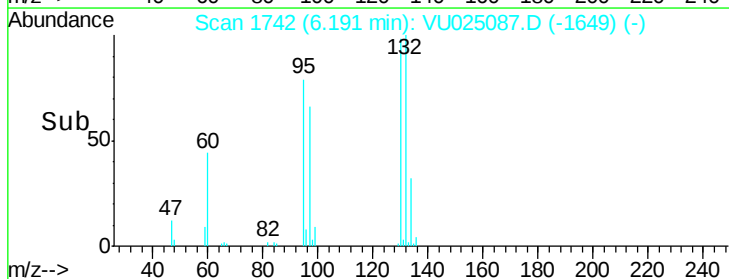
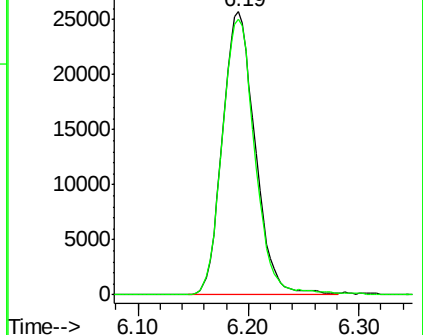
130 100

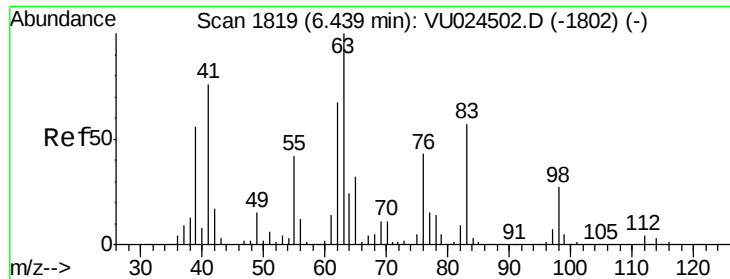
95 97.3 0.0 202.4



Abundance Ion 129.80 (129.50 to 130.50): VU024502.D (-1727) (-)

Ion 94.90 (94.60 to 95.60): VU024502.D (-1727) (-)

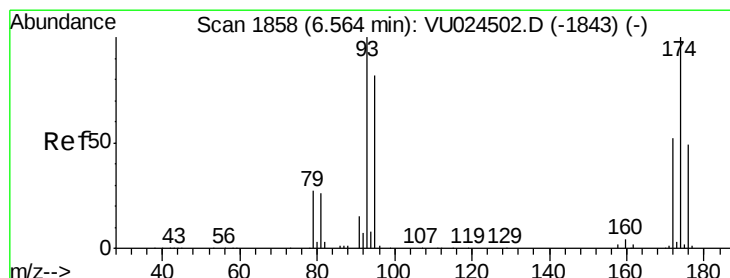
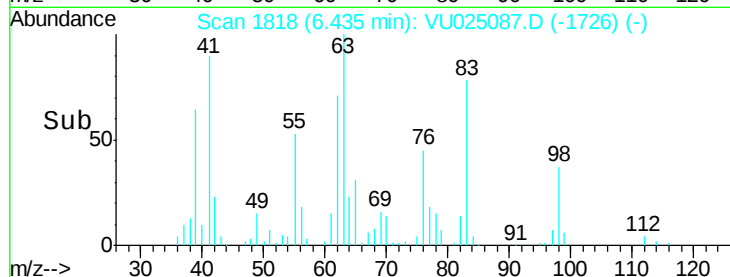
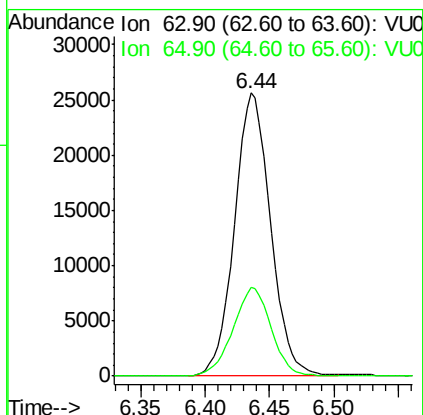
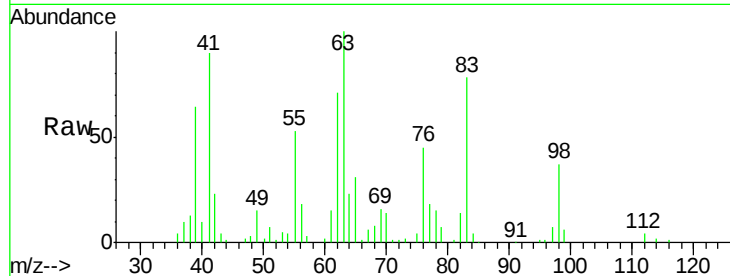




#45
 1,2-Dichloropropane
 Concen: 21.110 ug/l
 RT: 6.44 min Scan# 1819
 Delta R.T. -0.00 min
 Lab File: VU025087.D
 Acq: 30 Jun 2018 14:45

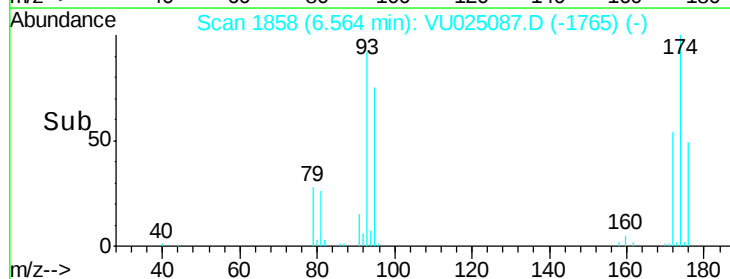
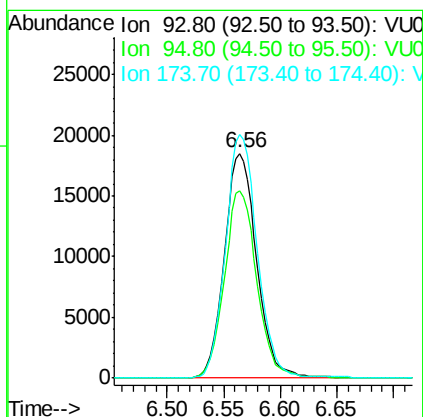
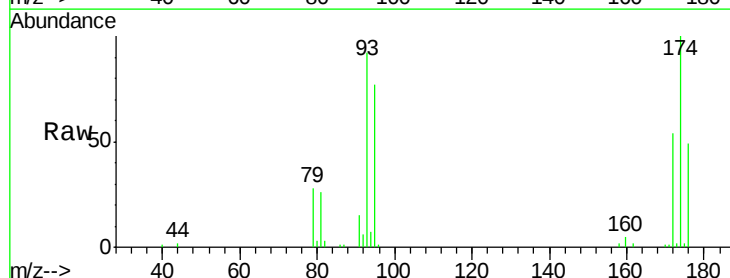
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0630WBSD01

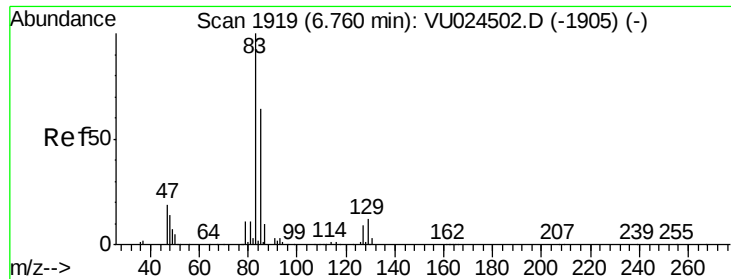
Tgt Ion: 63 Resp: 49965
 Ion Ratio Lower Upper
 63 100
 65 31.4 24.8 37.2



#46
 Dibromomethane
 Concen: 22.105 ug/l
 RT: 6.56 min Scan# 1858
 Delta R.T. -0.00 min
 Lab File: VU025087.D
 Acq: 30 Jun 2018 14:45

Tgt Ion: 93 Resp: 36749
 Ion Ratio Lower Upper
 93 100
 95 83.2 65.5 98.3
 174 106.8 78.7 118.1





#47

Bromodichloromethane

Concen: 21.035 ug/l

RT: 6.76 min Scan# 1919

Delta R.T. -0.00 min

Lab File: VU025087.D

Acq: 30 Jun 2018 14:45

Instrument :

MSVOA_U

ClientSampleId :

VU0630WBSD01

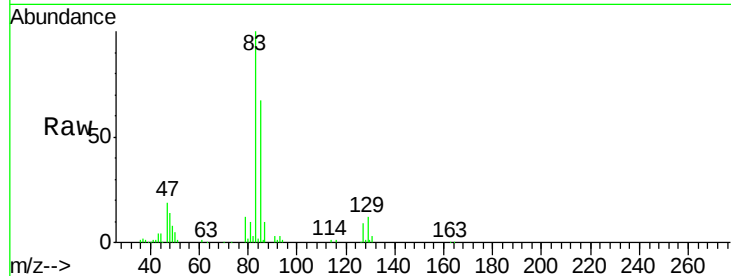
Tgt Ion: 83 Resp: 69637

Ion Ratio Lower Upper

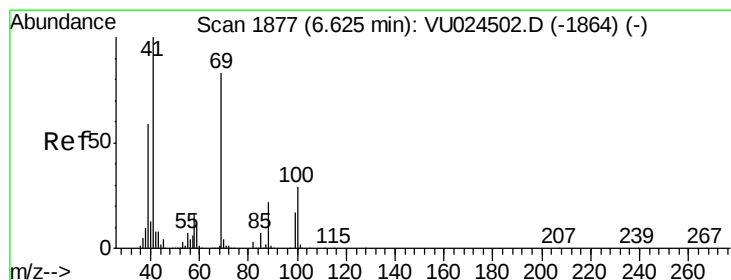
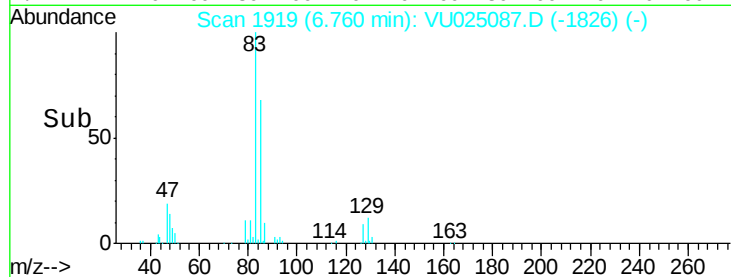
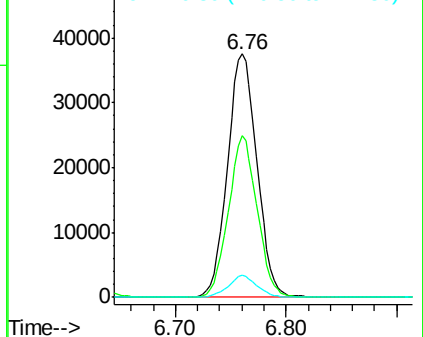
83 100

85 66.5 51.9 77.9

127 9.0 6.6 9.8



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



#48

Methyl methacrylate

Concen: 21.393 ug/l

RT: 6.63 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VU025087.D

Acq: 30 Jun 2018 14:45

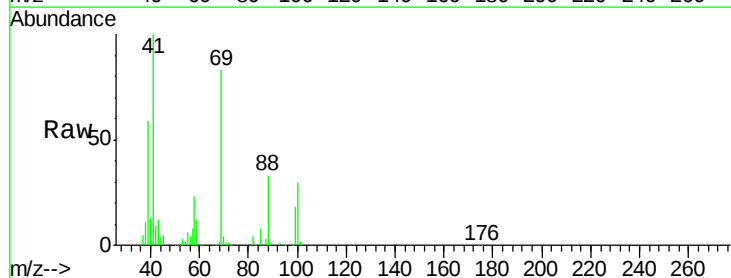
Tgt Ion: 41 Resp: 61096

Ion Ratio Lower Upper

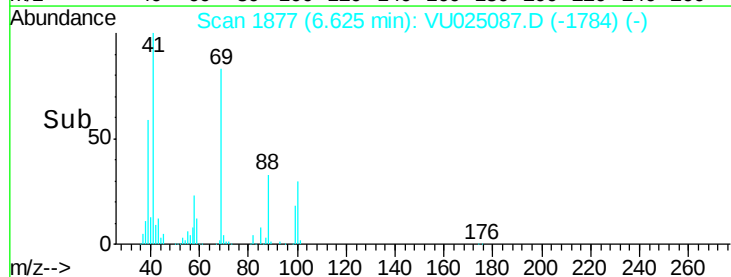
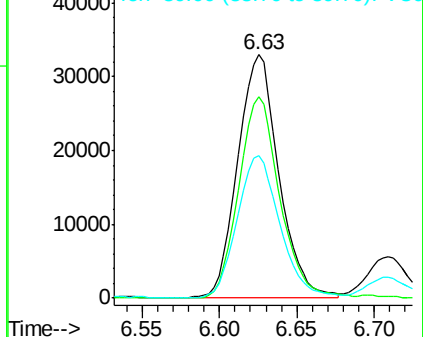
41 100

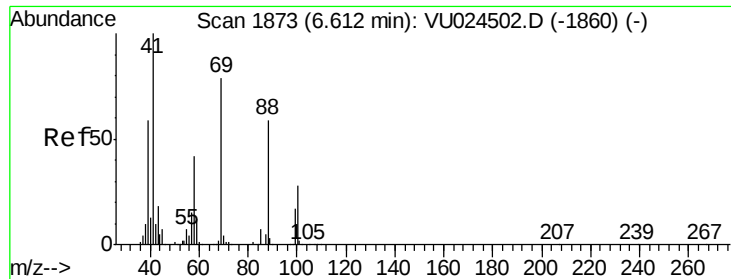
69 82.3 67.3 100.9

39 60.8 46.5 69.7



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





#49

1,4-Dioxane

Concen: 501.094 ug/l

RT: 6.62 min Scan# 1874

Delta R.T. 0.00 min

Lab File: VU025087.D

Acq: 30 Jun 2018 14:45

Instrument :

MSVOA_U

ClientSampleId :

VU0630WBSD01

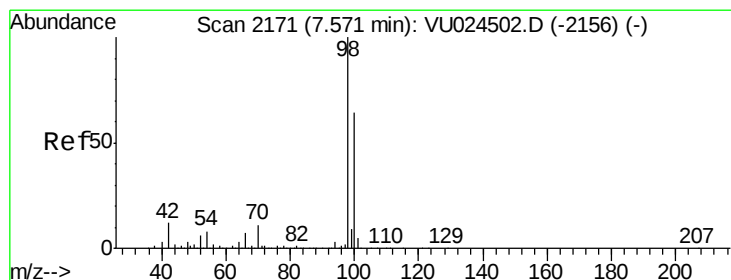
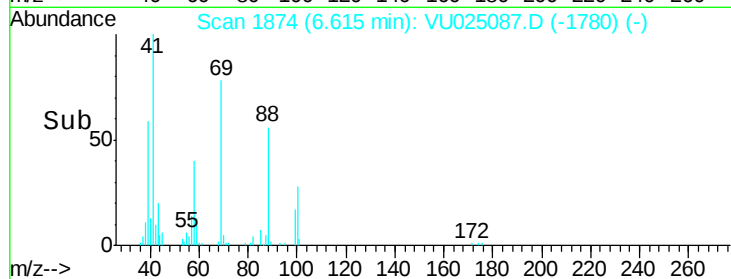
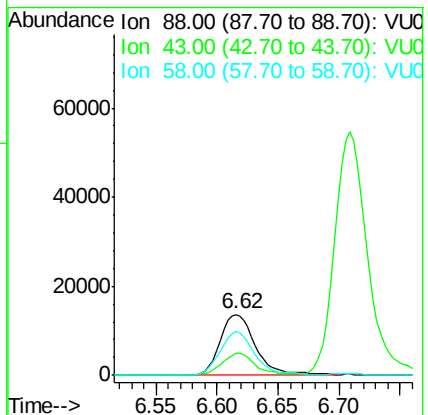
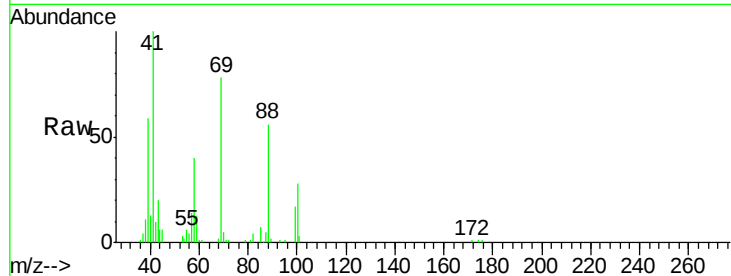
Tgt Ion: 88 Resp: 27986

Ion Ratio Lower Upper

88 100

43 34.7 28.6 42.8

58 67.7 58.2 87.4



#50

Toluene-d8

Concen: 44.352 ug/l

RT: 7.57 min Scan# 2170

Delta R.T. -0.00 min

Lab File: VU025087.D

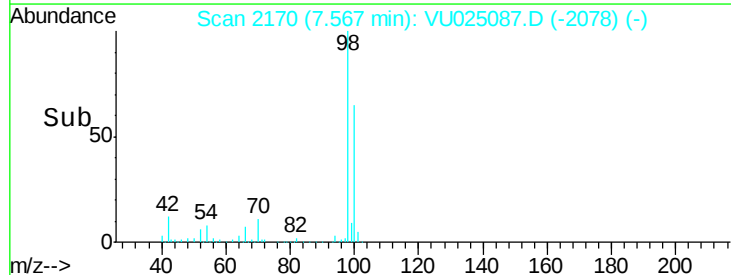
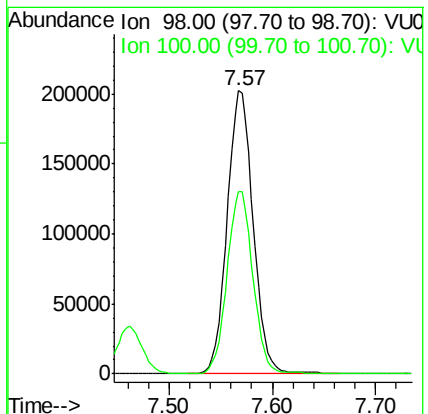
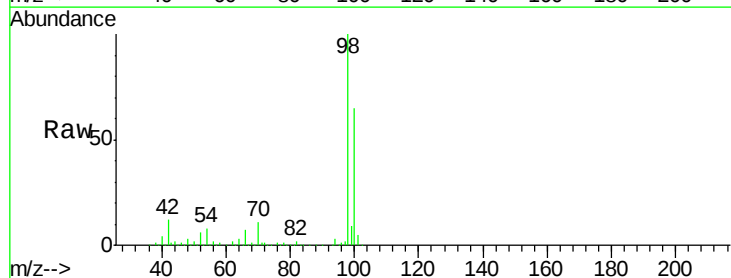
Acq: 30 Jun 2018 14:45

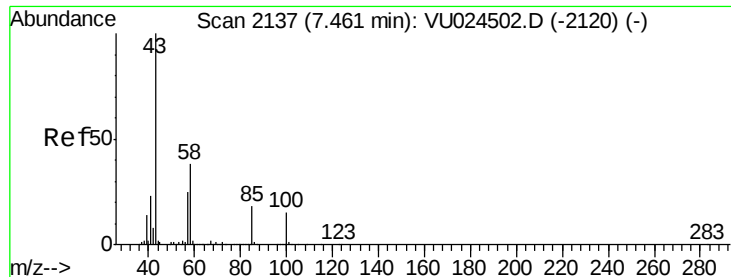
Tgt Ion: 98 Resp: 355688

Ion Ratio Lower Upper

98 100

100 64.0 51.1 76.7

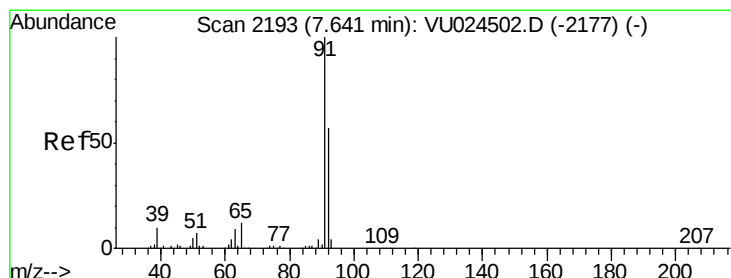
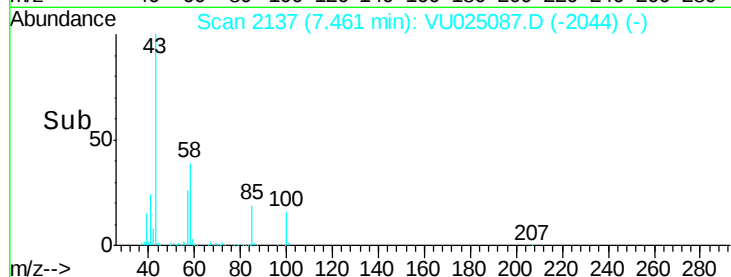
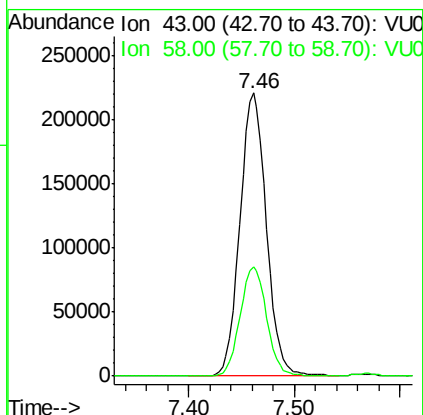
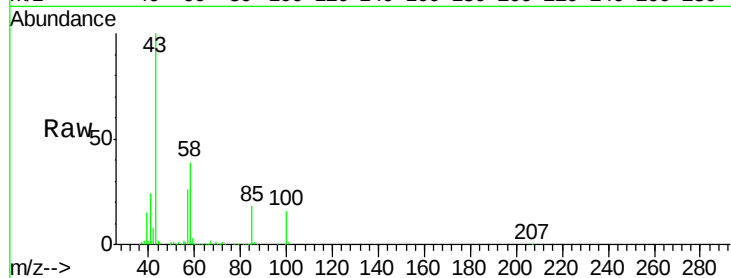




#51
 4-Methyl-2-Pentanone
 Concen: 104.033 ug/l
 RT: 7.46 min Scan# 2137
 Delta R.T. -0.00 min
 Lab File: VU025087.D
 Acq: 30 Jun 2018 14:45

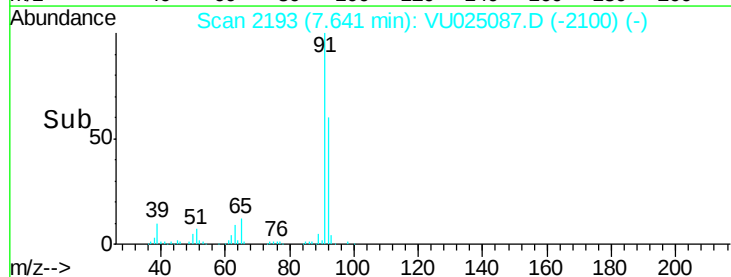
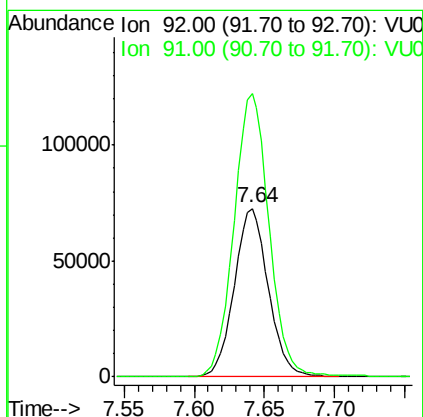
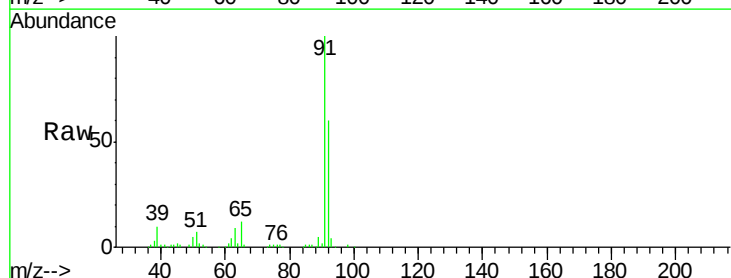
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0630WBSD01

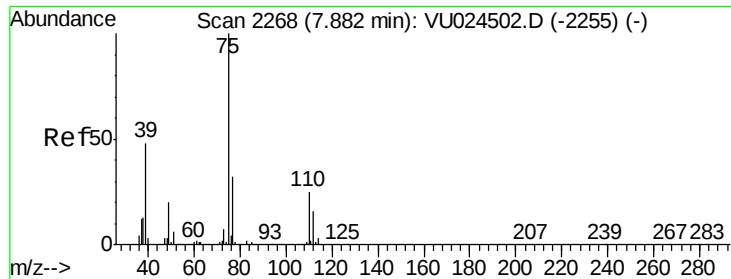
Tgt Ion: 43 Resp: 383321
 Ion Ratio Lower Upper
 43 100
 58 38.9 30.0 45.0



#52
 Toluene
 Concen: 21.564 ug/l
 RT: 7.64 min Scan# 2193
 Delta R.T. -0.00 min
 Lab File: VU025087.D
 Acq: 30 Jun 2018 14:45

Tgt Ion: 92 Resp: 123062
 Ion Ratio Lower Upper
 92 100
 91 172.6 140.5 210.7

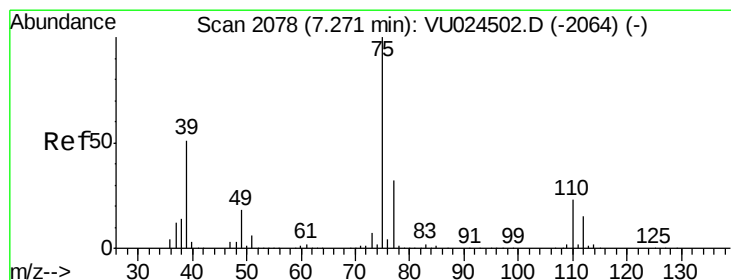
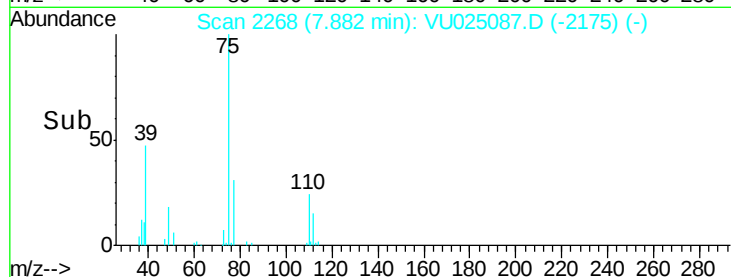
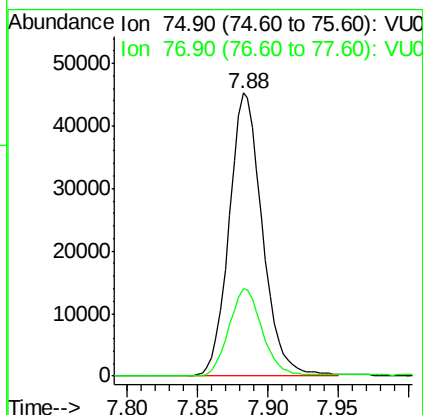
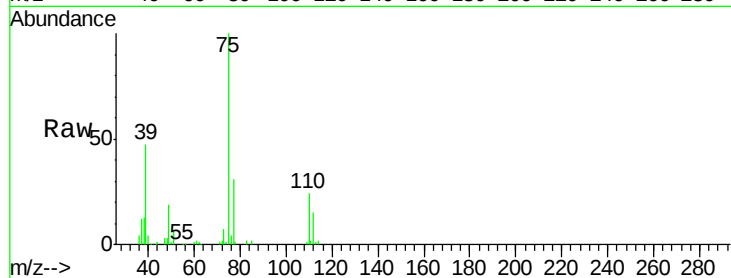




#53
t-1,3-Dichloropropene
Concen: 20.122 ug/l
RT: 7.88 min Scan# 2268
Delta R.T. -0.00 min
Lab File: VU025087.D
Acq: 30 Jun 2018 14:45

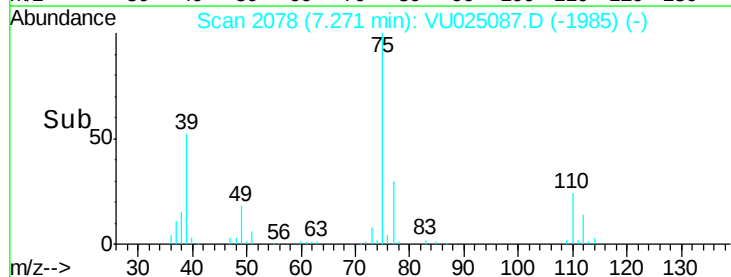
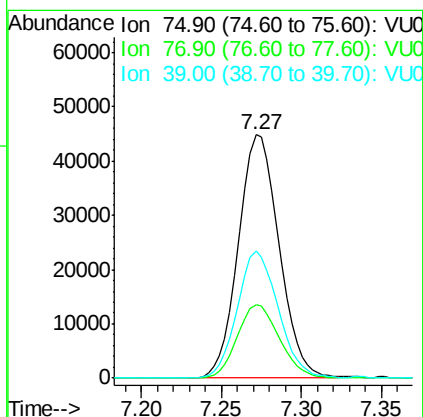
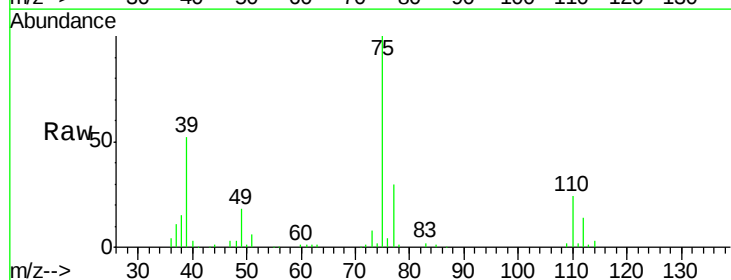
Instrument :
MSVOA_U
ClientSampleId :
VU0630WBSD01

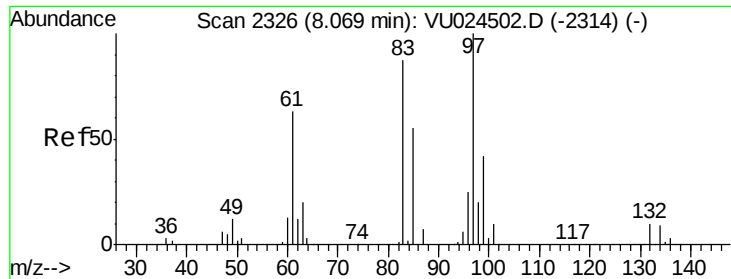
Tgt Ion: 75 Resp: 74807
Ion Ratio Lower Upper
75 100
77 30.7 24.8 37.2



#54
cis-1,3-Dichloropropene
Concen: 19.633 ug/l
RT: 7.27 min Scan# 2078
Delta R.T. -0.00 min
Lab File: VU025087.D
Acq: 30 Jun 2018 14:45

Tgt Ion: 75 Resp: 77773
Ion Ratio Lower Upper
75 100
77 30.3 24.6 36.8
39 51.9 39.8 59.6

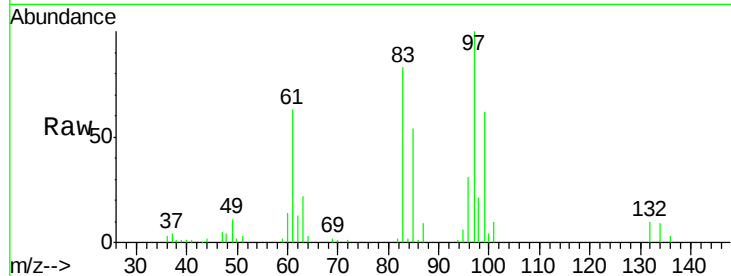




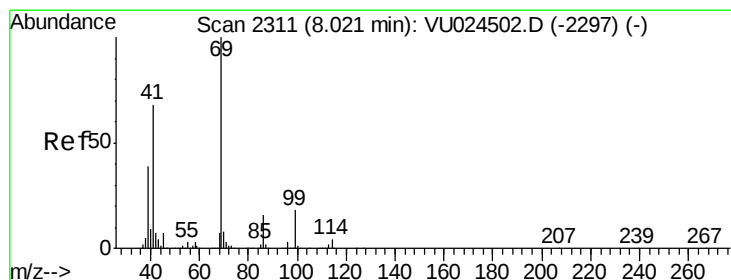
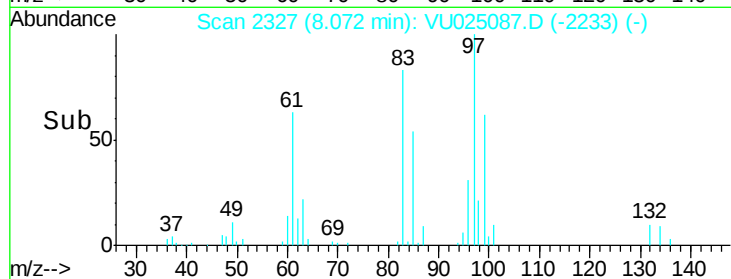
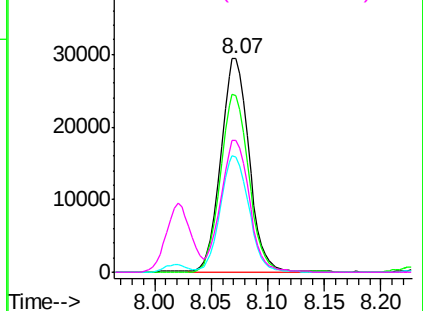
#55
 1,1,2-Trichloroethane
 Concen: 22.138 ug/l
 RT: 8.07 min Scan# 2327
 Delta R.T. 0.00 min
 Lab File: VU025087.D
 Acq: 30 Jun 2018 14:45

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0630WBSD01

Tgt Ion:	97	Resp:	51356
Ion	Ratio	Lower	Upper
97	100		
83	82.6	70.5	105.7
85	54.1	46.4	69.6
99	61.9	50.2	75.2

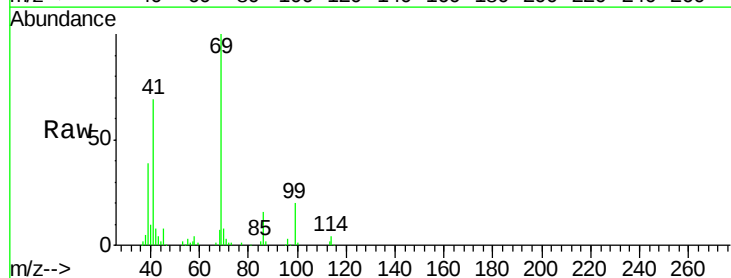


Abundance Ion 96.90 (96.60 to 97.60): VU0
 Ion 82.90 (82.60 to 83.60): VU0
 Ion 84.90 (84.60 to 85.60): VU0
 Ion 98.90 (98.60 to 99.60): VU0

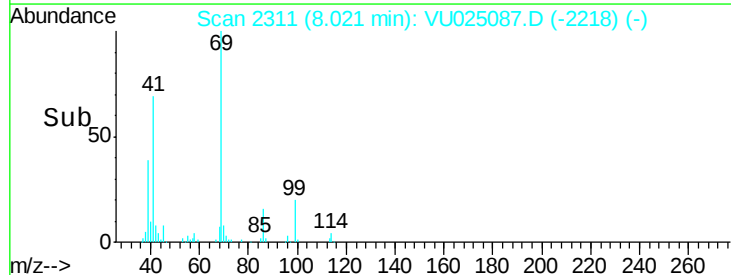
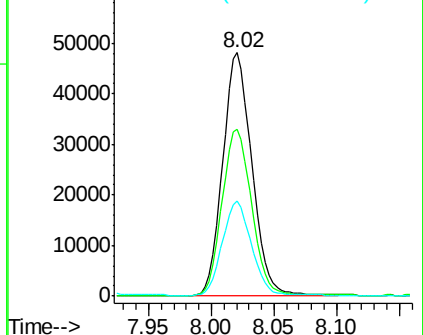


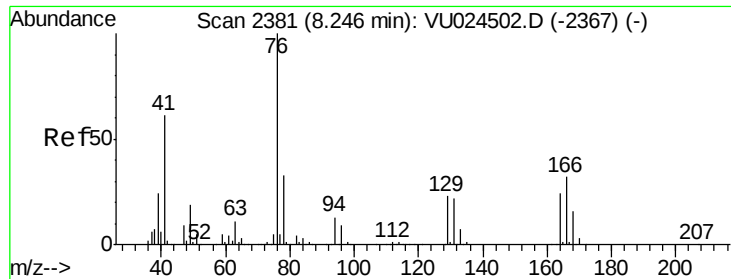
#56
 Ethyl methacrylate
 Concen: 20.123 ug/l
 RT: 8.02 min Scan# 2311
 Delta R.T. -0.00 min
 Lab File: VU025087.D
 Acq: 30 Jun 2018 14:45

Tgt Ion:	69	Resp:	78132
Ion	Ratio	Lower	Upper
69	100		
41	69.4	54.1	81.1
39	38.3	30.3	45.5



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

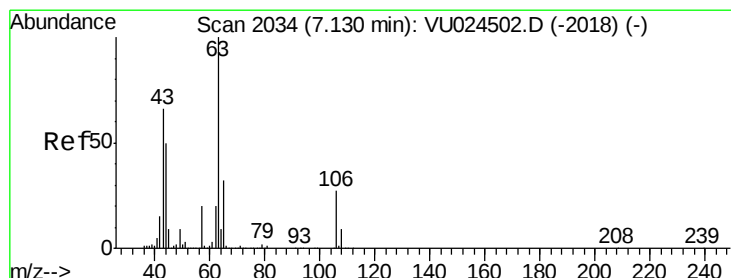
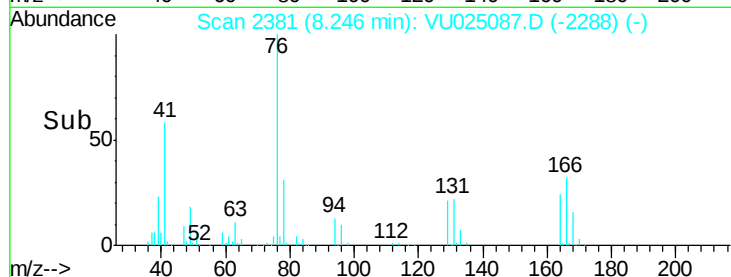
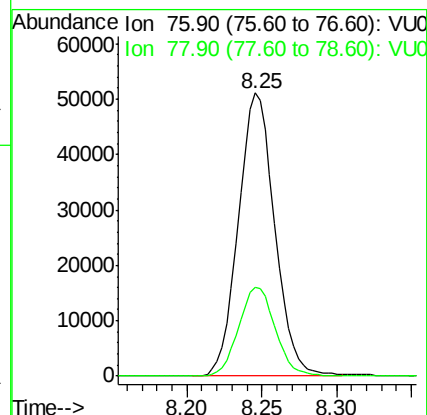
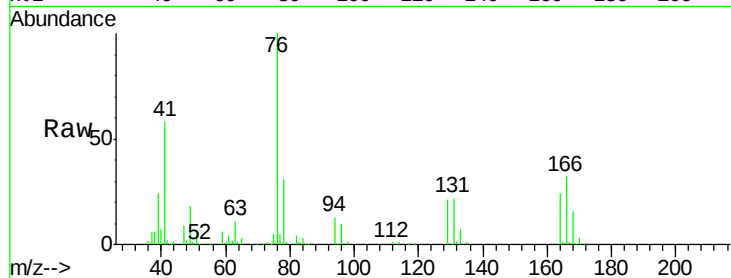




#57
 1,3-Dichloropropane
 Concen: 22.117 ug/l
 RT: 8.25 min Scan# 2381
 Delta R.T. -0.00 min
 Lab File: VU025087.D
 Acq: 30 Jun 2018 14:45

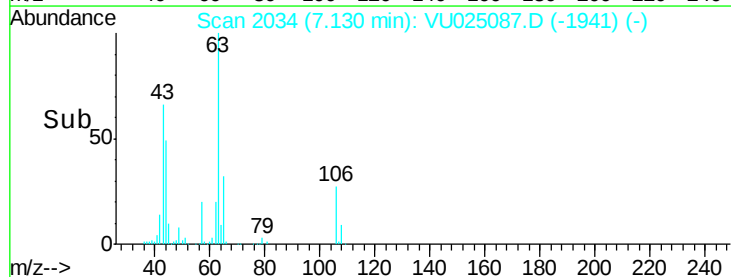
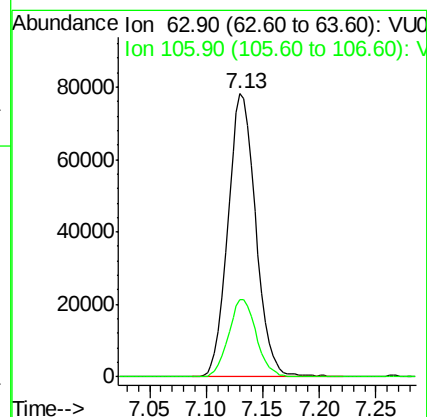
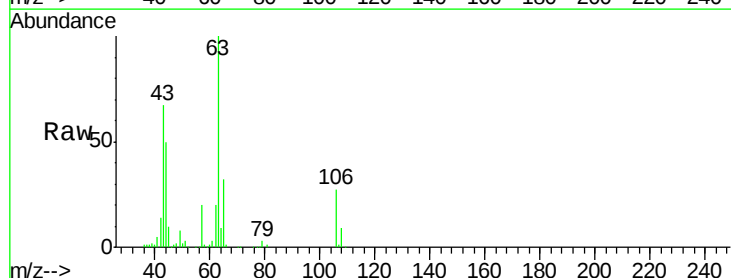
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0630WBSD01

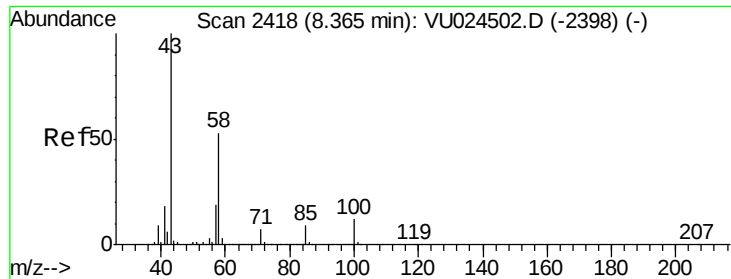
Tgt Ion: 76 Resp: 86550
 Ion Ratio Lower Upper
 76 100
 78 31.6 25.2 37.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 89.995 ug/l
 RT: 7.13 min Scan# 2034
 Delta R.T. -0.00 min
 Lab File: VU025087.D
 Acq: 30 Jun 2018 14:45

Tgt Ion: 63 Resp: 133867
 Ion Ratio Lower Upper
 63 100
 106 27.4 20.2 30.2

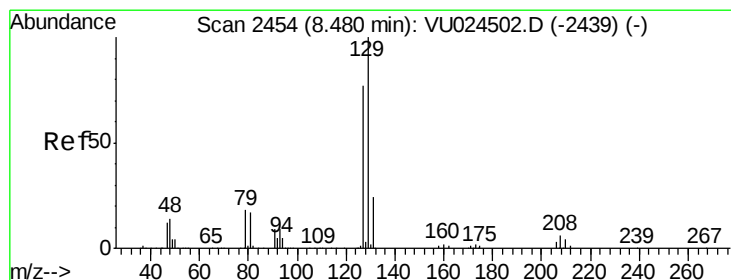
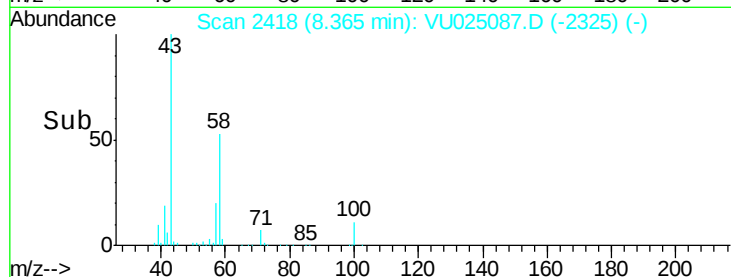
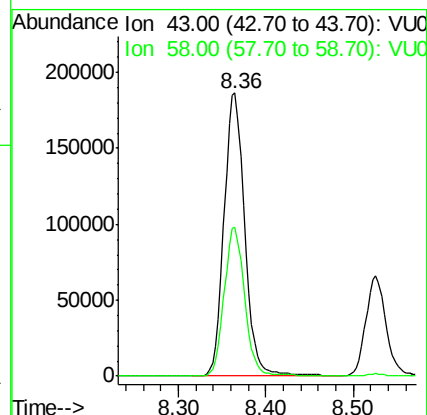
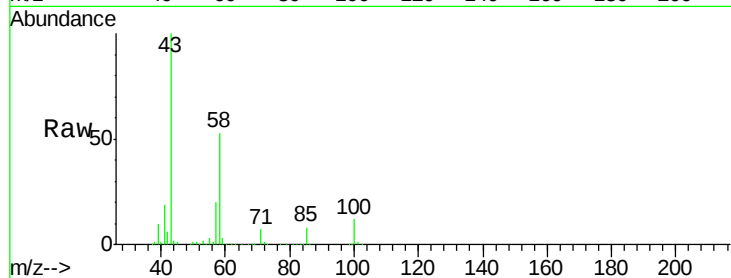




#59
2-Hexanone
Concen: 102.377 ug/l
RT: 8.36 min Scan# 2418
Delta R.T. -0.00 min
Lab File: VU025087.D
Acq: 30 Jun 2018 14:45

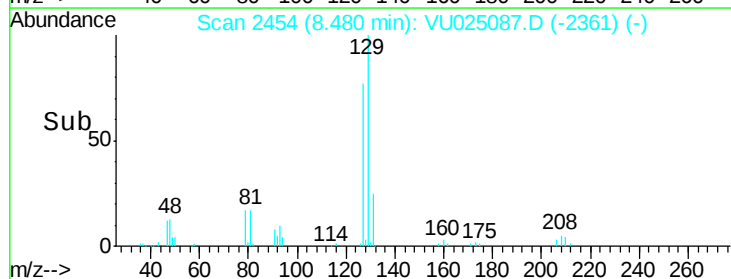
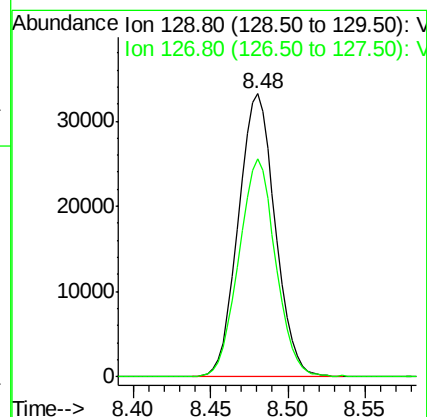
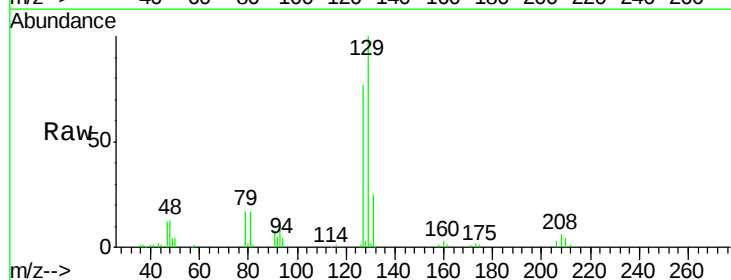
Instrument :
MSVOA_U
ClientSampleId :
VU0630WBSD01

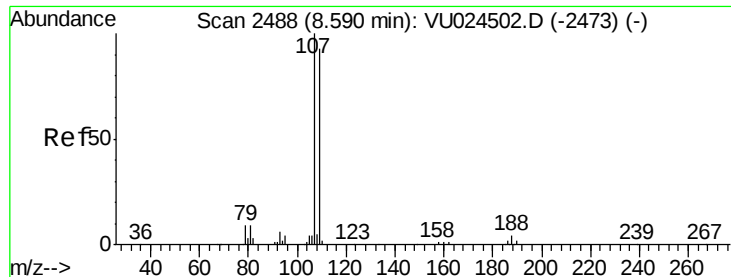
Tgt Ion: 43 Resp: 307965
Ion Ratio Lower Upper
43 100
58 51.5 26.4 79.0



#60
Dibromochloromethane
Concen: 18.988 ug/l
RT: 8.48 min Scan# 2454
Delta R.T. -0.00 min
Lab File: VU025087.D
Acq: 30 Jun 2018 14:45

Tgt Ion: 129 Resp: 54927
Ion Ratio Lower Upper
129 100
127 77.0 38.6 116.0





#61

1,2-Dibromoethane

Concen: 21.305 ug/l

RT: 8.59 min Scan# 2488

Delta R.T. -0.00 min

Lab File: VU025087.D

Acq: 30 Jun 2018 14:45

Instrument :

MSVOA_U

ClientSampleId :

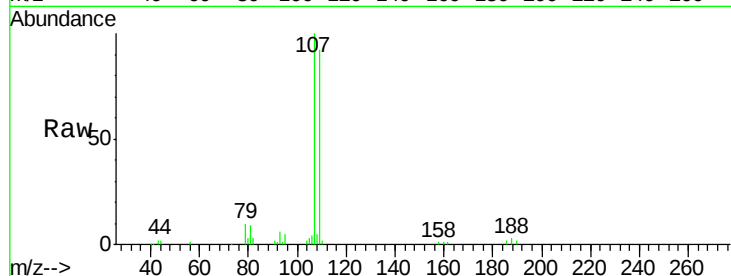
VU0630WBSD01

Tgt Ion: 107 Resp: 55010

Ion Ratio Lower Upper

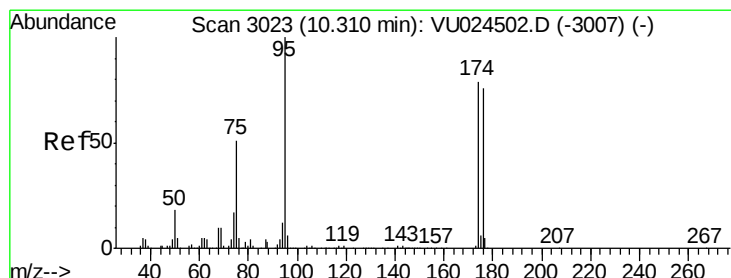
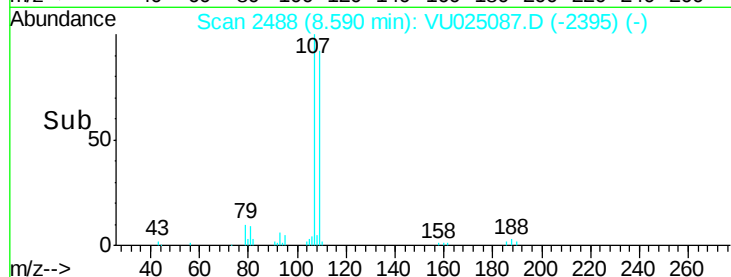
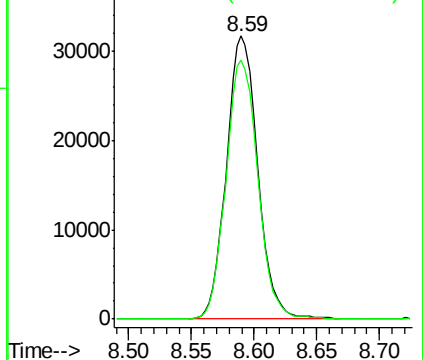
107 100

109 93.4 74.5 111.7



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 46.973 ug/l

RT: 10.31 min Scan# 3023

Delta R.T. -0.00 min

Lab File: VU025087.D

Acq: 30 Jun 2018 14:45

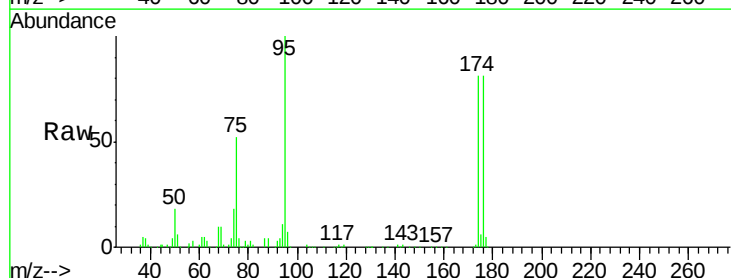
Tgt Ion: 95 Resp: 149568

Ion Ratio Lower Upper

95 100

174 82.8 0.0 165.8

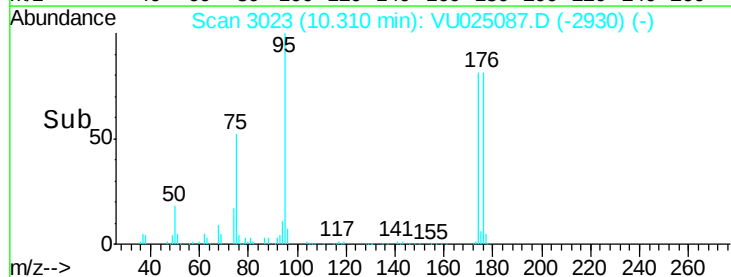
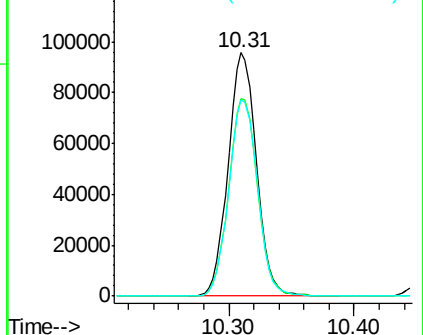
176 82.4 0.0 159.4

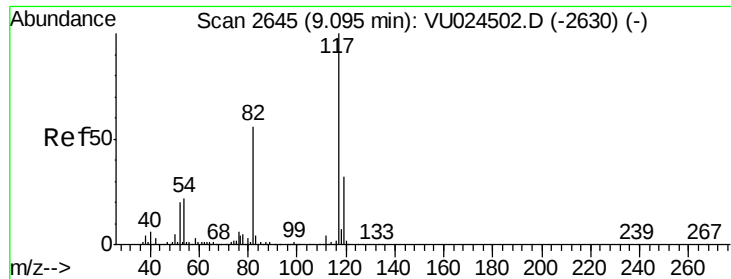


Abundance Ion 94.90 (94.60 to 95.60): VU0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

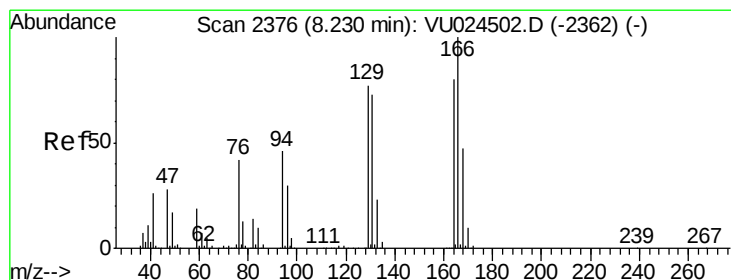
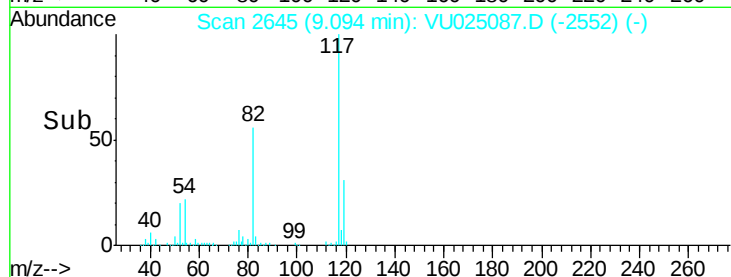
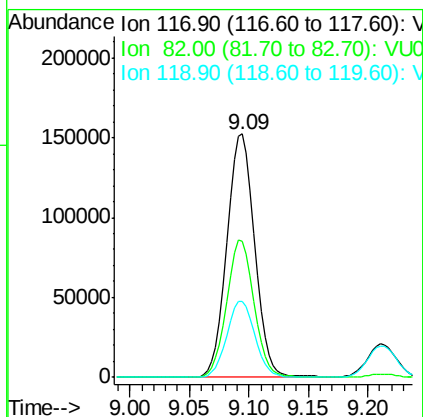
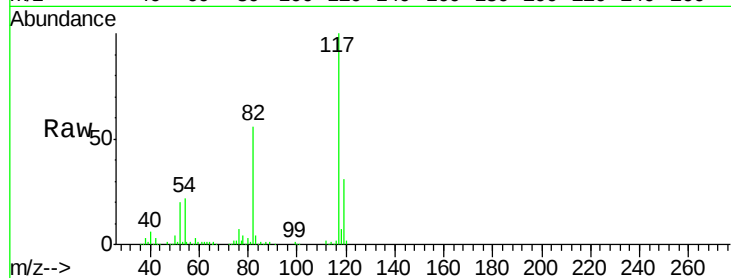




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2645
Delta R.T. -0.00 min
Lab File: VU025087.D
Acq: 30 Jun 2018 14:45

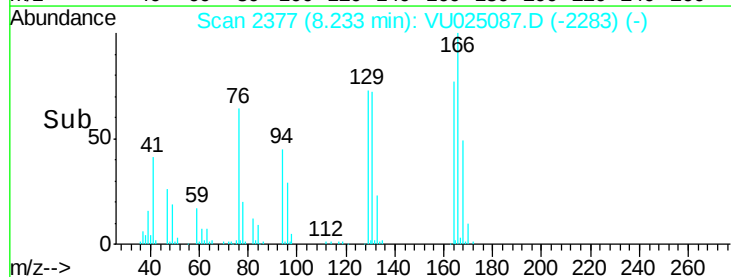
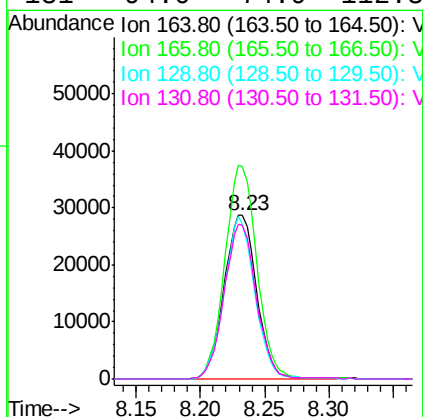
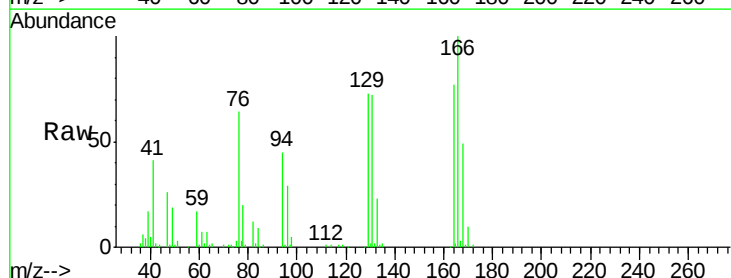
Instrument :
MSVOA_U
ClientSampleId :
VU0630WBSD01

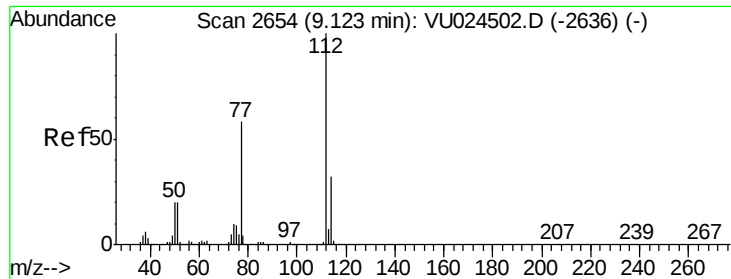
Tgt Ion:117 Resp: 247766
Ion Ratio Lower Upper
117 100
82 55.9 44.3 66.5
119 31.4 25.4 38.2



#64
Tetrachloroethene
Concen: 21.328 ug/l
RT: 8.23 min Scan# 2377
Delta R.T. 0.00 min
Lab File: VU025087.D
Acq: 30 Jun 2018 14:45

Tgt Ion:164 Resp: 50231
Ion Ratio Lower Upper
164 100
166 130.2 101.7 152.5
129 95.0 76.9 115.3
131 94.0 74.9 112.3

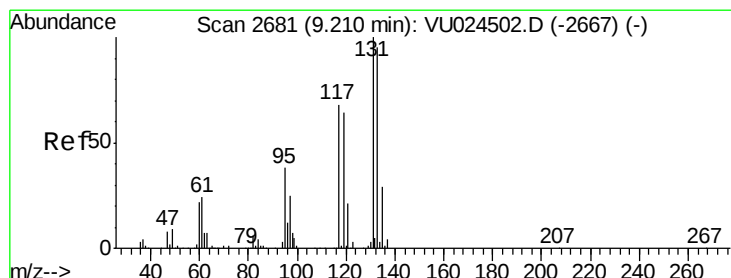
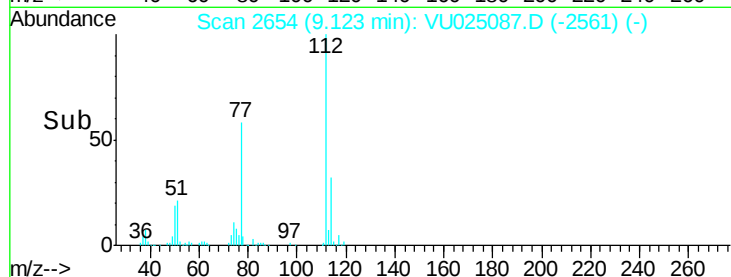
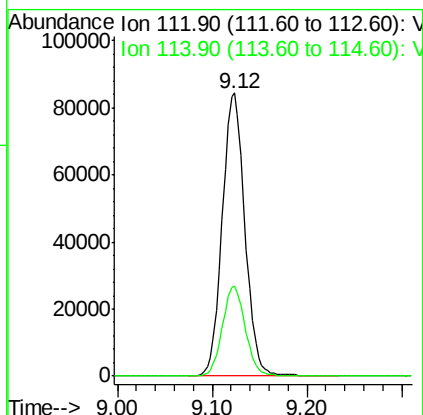
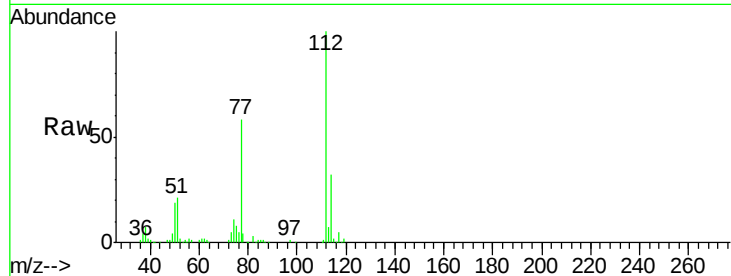




#65
Chlorobenzene
Concen: 22.187 ug/l
RT: 9.12 min Scan# 2654
Delta R.T. -0.00 min
Lab File: VU025087.D
Acq: 30 Jun 2018 14:45

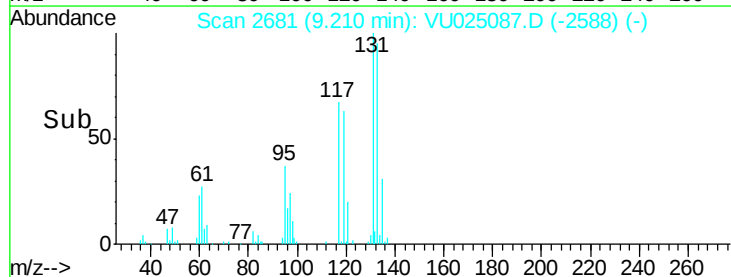
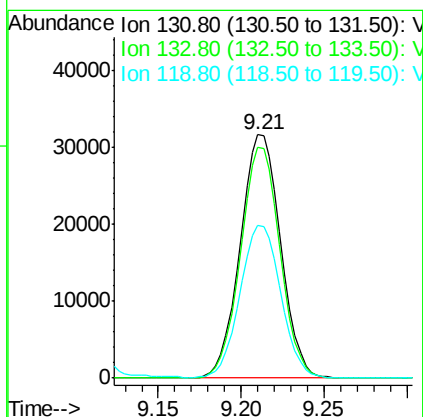
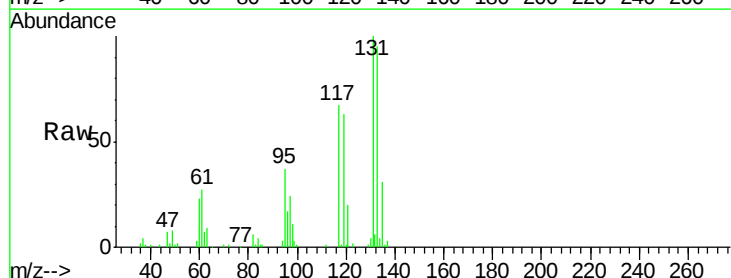
Instrument :
MSVOA_U
ClientSampleId :
VU0630WBSD01

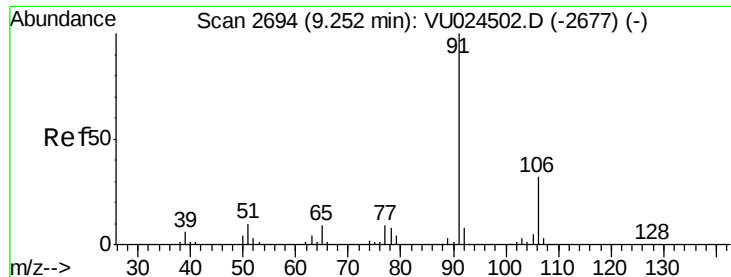
Tgt Ion:112 Resp: 140436
Ion Ratio Lower Upper
112 100
114 31.8 25.6 38.4



#66
1,1,1,2-Tetrachloroethane
Concen: 22.336 ug/l
RT: 9.21 min Scan# 2681
Delta R.T. -0.00 min
Lab File: VU025087.D
Acq: 30 Jun 2018 14:45

Tgt Ion:131 Resp: 53711
Ion Ratio Lower Upper
131 100
133 92.7 46.9 140.8
119 63.5 33.5 100.4





#67

Ethyl Benzene

Concen: 21.677 ug/l

RT: 9.25 min Scan# 2694

Delta R.T. -0.00 min

Lab File: VU025087.D

Acq: 30 Jun 2018 14:45

Instrument :

MSVOA_U

ClientSampleId :

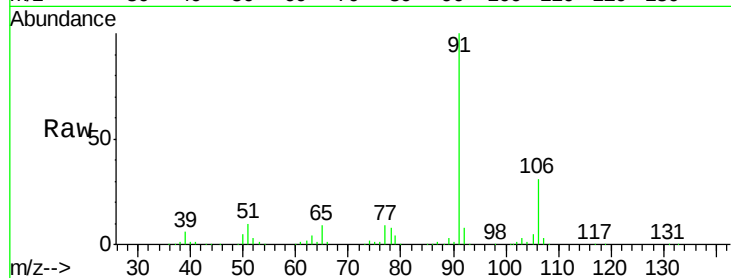
VU0630WBSD01

Tgt Ion: 91 Resp: 240529

Ion Ratio Lower Upper

91 100

106 31.2 24.2 36.4



Abundance Ion 91.00 (90.70 to 91.70): VU024502.D (-2677) (-)

Ion 106.00 (105.70 to 106.70): VU024502.D (-2677) (-)

250000

200000

150000

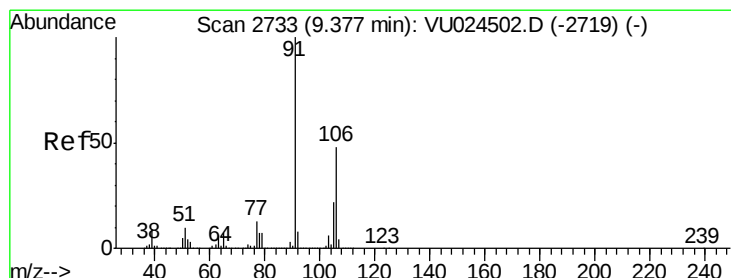
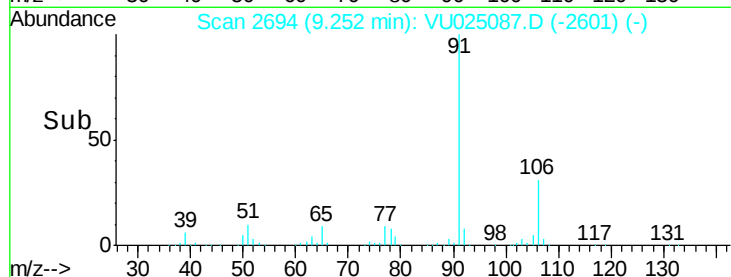
100000

50000

0

9.20 9.25 9.30 9.35

Time-->



#68

m/p-Xylenes

Concen: 44.334 ug/l

RT: 9.38 min Scan# 2733

Delta R.T. -0.00 min

Lab File: VU025087.D

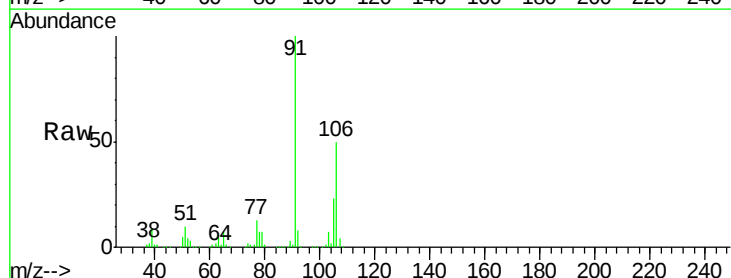
Acq: 30 Jun 2018 14:45

Tgt Ion: 106 Resp: 188904

Ion Ratio Lower Upper

106 100

91 201.5 166.5 249.7



Abundance Ion 106.00 (105.70 to 106.70): VU024502.D (-2719) (-)

Ion 91.00 (90.70 to 91.70): VU024502.D (-2719) (-)

250000

200000

150000

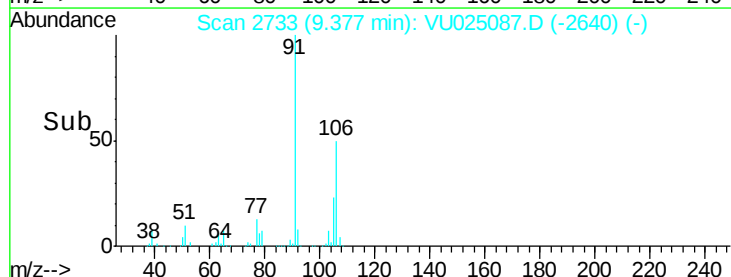
100000

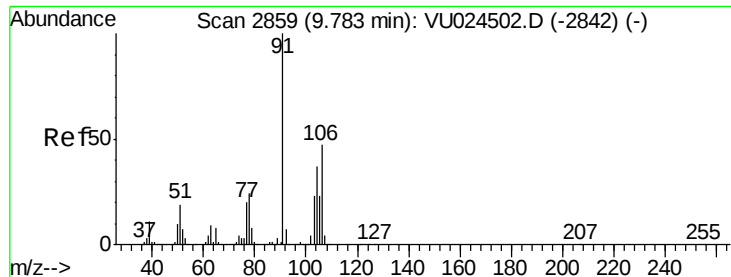
50000

0

9.30 9.35 9.40 9.45

Time-->

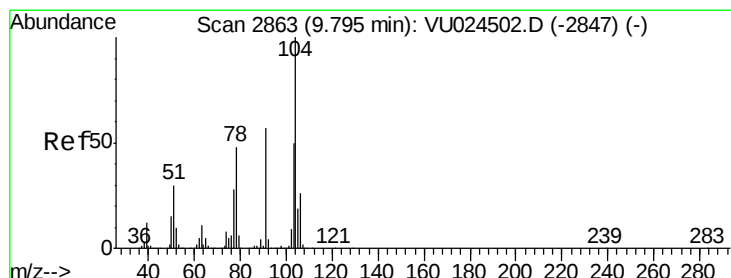
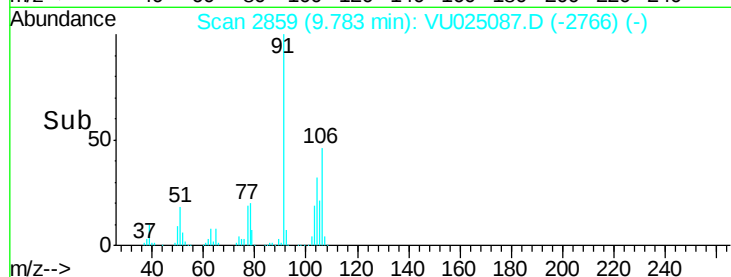
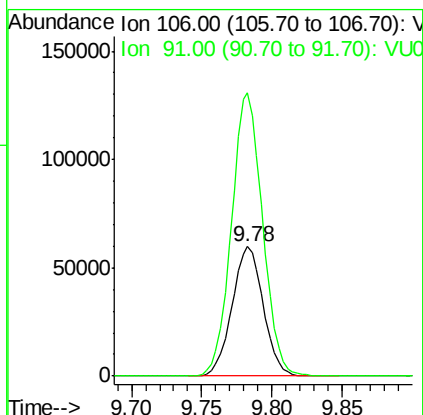
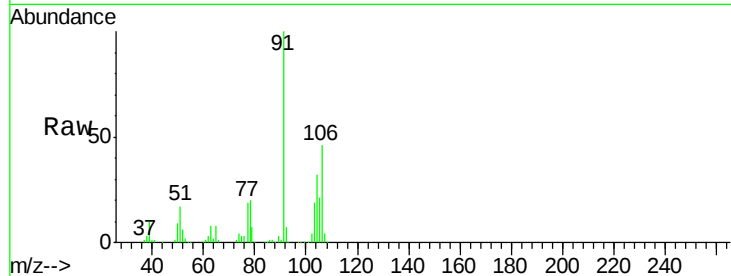




#69
o-Xylene
Concen: 22.109 ug/l
RT: 9.78 min Scan# 2859
Delta R.T. -0.00 min
Lab File: VU025087.D
Acq: 30 Jun 2018 14:45

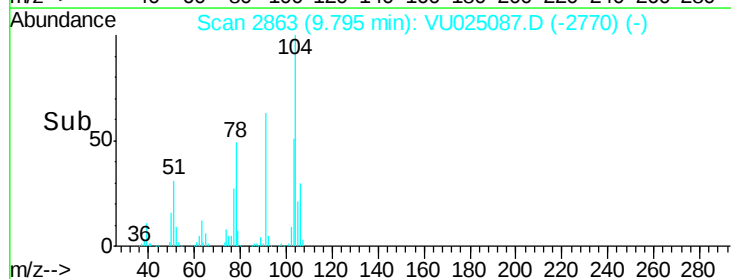
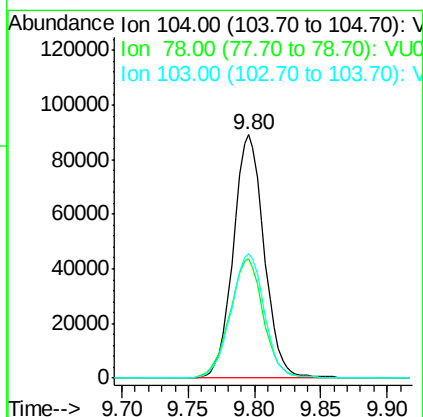
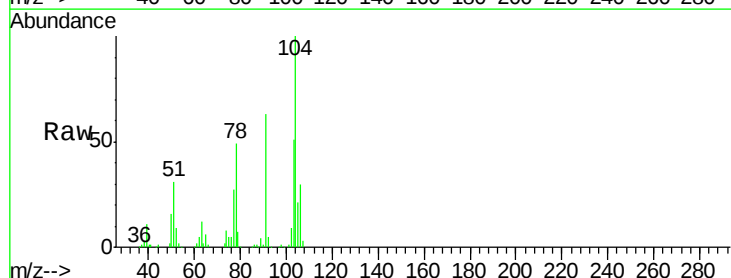
Instrument :
MSVOA_U
ClientSampleId :
VU0630WBSD01

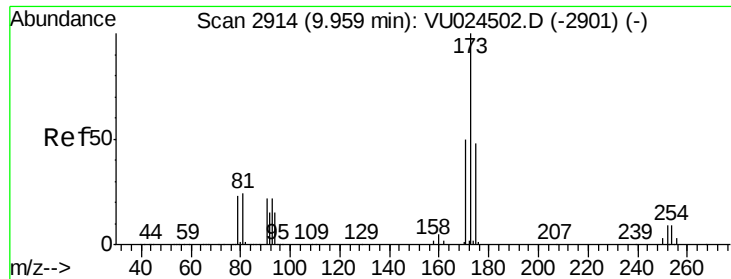
Tgt Ion:106 Resp: 93229
Ion Ratio Lower Upper
106 100
91 216.4 110.7 331.9



#70
Styrene
Concen: 20.813 ug/l
RT: 9.80 min Scan# 2863
Delta R.T. -0.00 min
Lab File: VU025087.D
Acq: 30 Jun 2018 14:45

Tgt Ion:104 Resp: 144232
Ion Ratio Lower Upper
104 100
78 53.4 40.6 60.8
103 55.2 44.7 67.1





#71

Bromoform

Concen: 18.650 ug/l

RT: 9.96 min Scan# 2915

Delta R.T. 0.00 min

Lab File: VU025087.D

Acq: 30 Jun 2018 14:45

Instrument :

MSVOA_U

ClientSampleId :

VU0630WBSD01

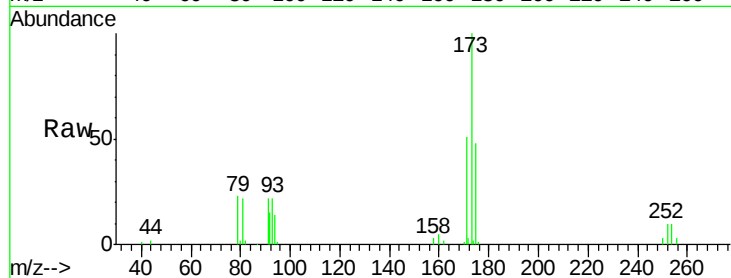
Tgt Ion:173 Resp: 42628

Ion Ratio Lower Upper

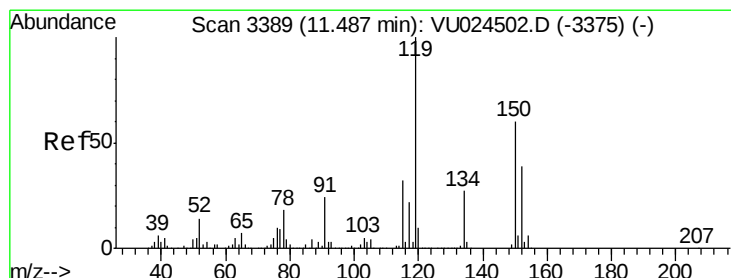
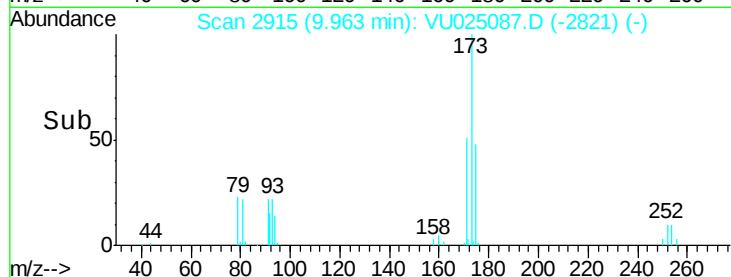
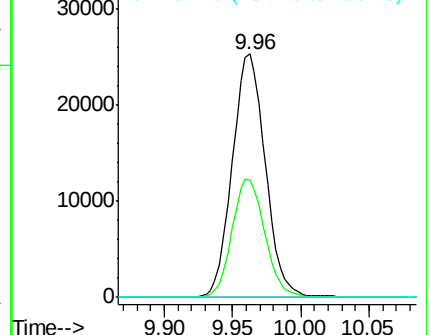
173 100

175 48.2 24.6 74.0

254 0.0 0.0 0.0



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.49 min Scan# 3389

Delta R.T. -0.00 min

Lab File: VU025087.D

Acq: 30 Jun 2018 14:45

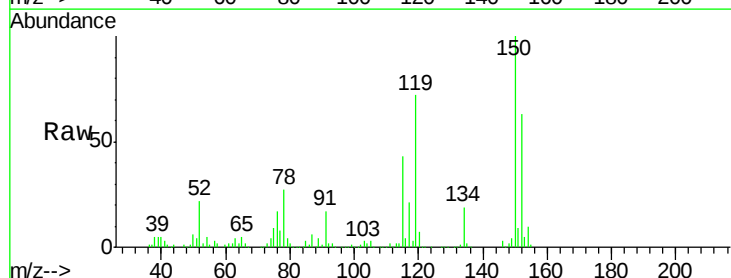
Tgt Ion:152 Resp: 141369

Ion Ratio Lower Upper

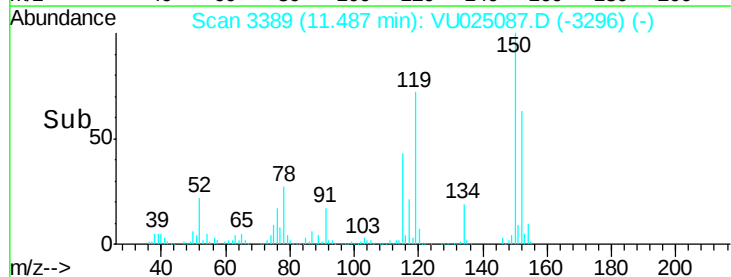
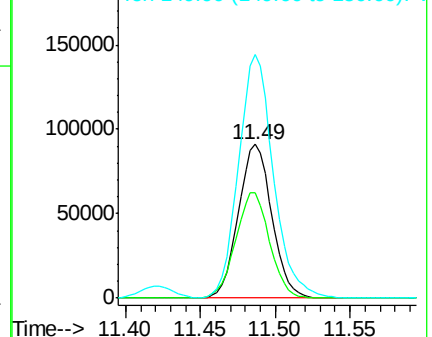
152 100

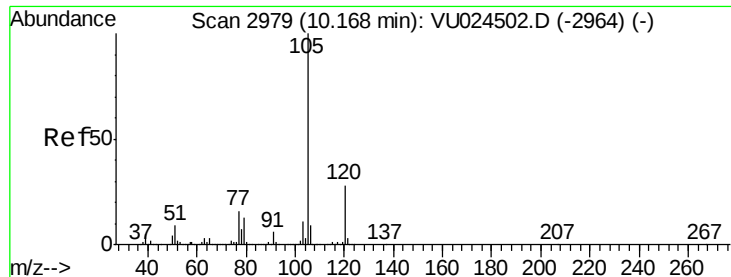
115 69.8 43.0 129.0

150 164.9 0.0 354.0



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





#73

Isopropylbenzene

Concen: 23.206 ug/l

RT: 10.17 min Scan# 2979

Delta R.T. -0.00 min

Lab File: VU025087.D

Acq: 30 Jun 2018 14:45

Instrument :

MSVOA_U

ClientSampleId :

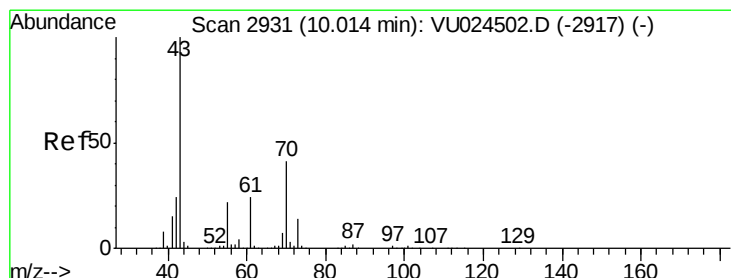
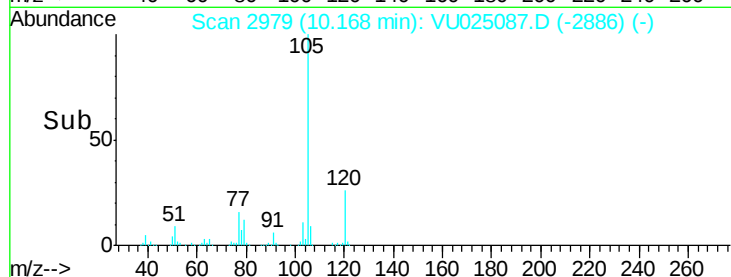
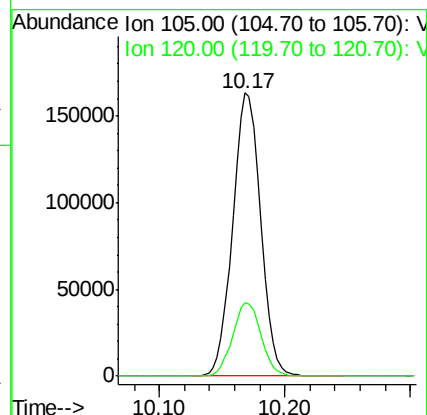
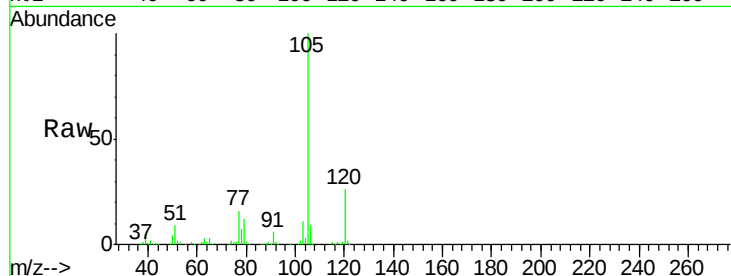
VU0630WBSD01

Tgt Ion: 105 Resp: 251866

Ion Ratio Lower Upper

105 100

120 26.5 13.2 39.6



#74

N-ethyl acetate

Concen: 19.964 ug/l

RT: 10.01 min Scan# 2931

Delta R.T. -0.00 min

Lab File: VU025087.D

Acq: 30 Jun 2018 14:45

Tgt Ion: 43 Resp: 103063

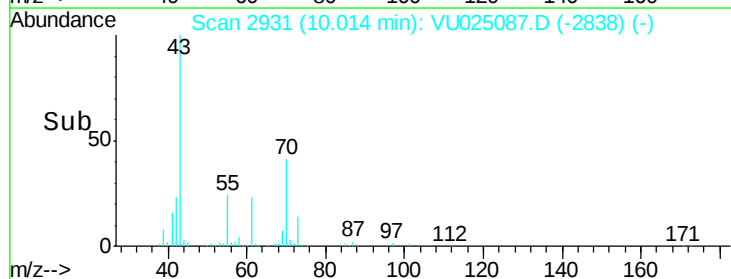
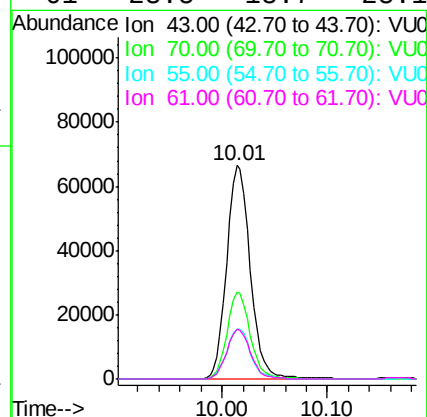
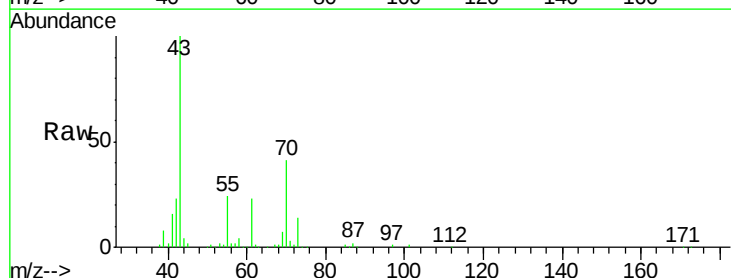
Ion Ratio Lower Upper

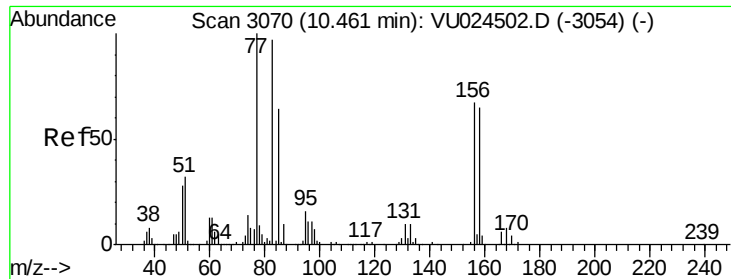
43 100

70 40.0 32.2 48.4

55 23.9 20.5 30.7

61 23.5 18.7 28.1





#75

1,1,2,2-Tetrachloroethane

Concen: 22.678 ug/l

RT: 10.46 min Scan# 3070

Delta R.T. -0.00 min

Lab File: VU025087.D

Acq: 30 Jun 2018 14:45

Instrument :

MSVOA_U

ClientSampleId :

VU0630WBSD01

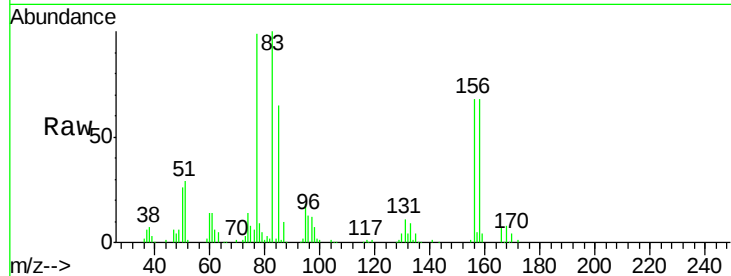
Tgt Ion: 83 Resp: 82484

Ion Ratio Lower Upper

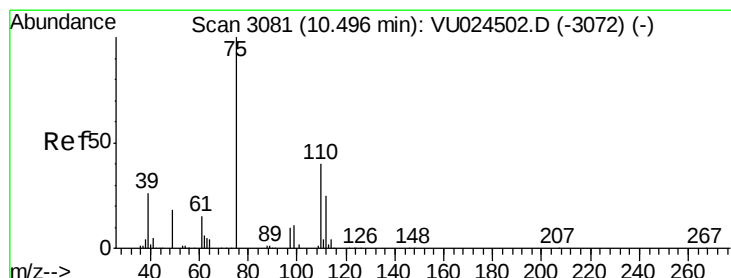
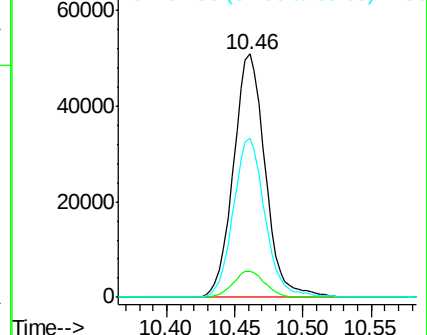
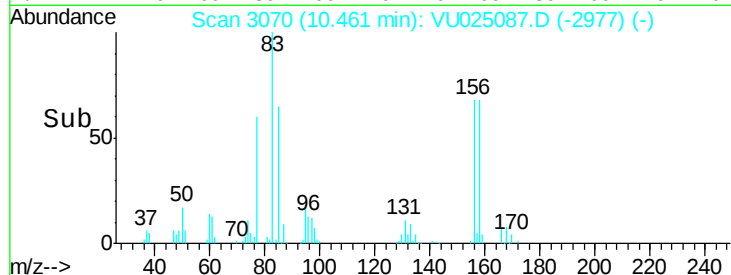
83 100

131 10.7 4.7 14.1

85 65.2 32.5 97.5



Abundance Ion 82.90 (82.60 to 83.60): VU025087.D (-2977) (-)



#76

1,2,3-Trichloropropane

Concen: 30.892 ug/l

RT: 10.50 min Scan# 3081

Delta R.T. -0.00 min

Lab File: VU025087.D

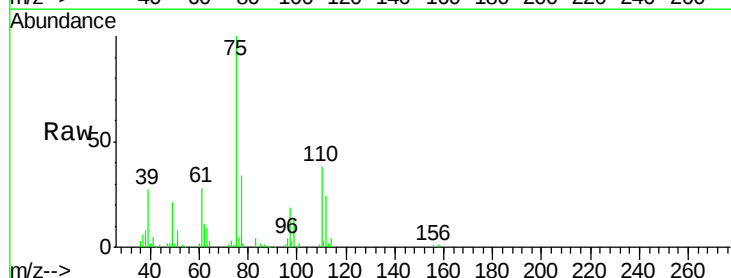
Acq: 30 Jun 2018 14:45

Tgt Ion: 75 Resp: 96149

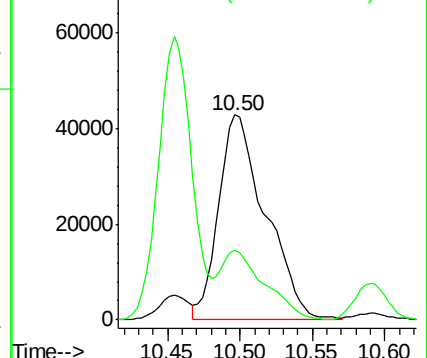
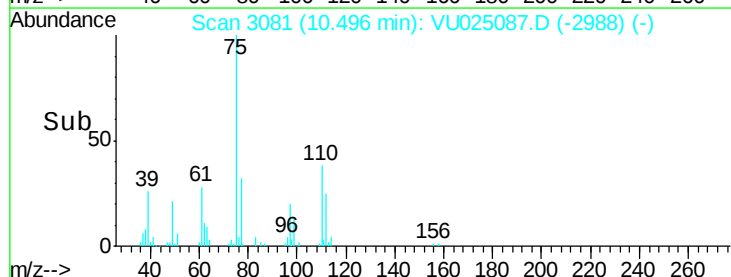
Ion Ratio Lower Upper

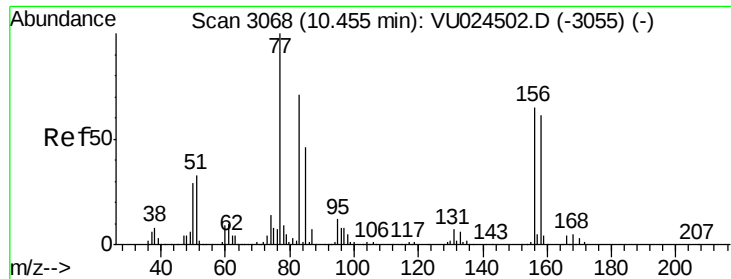
75 100

77 31.0 20.9 62.7



Abundance Ion 74.90 (74.60 to 75.60): VU025087.D (-2988) (-)





#77

Bromobenzene

Concen: 22.966 ug/l

RT: 10.45 min Scan# 3068

Delta R.T. -0.00 min

Lab File: VU025087.D

Acq: 30 Jun 2018 14:45

Instrument :

MSVOA_U

ClientSampleId :

VU0630WBSD01

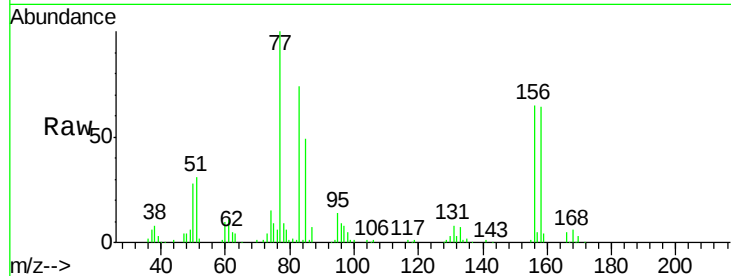
Tgt Ion:156 Resp: 63105

Ion Ratio Lower Upper

156 100

77 150.2 80.5 241.3

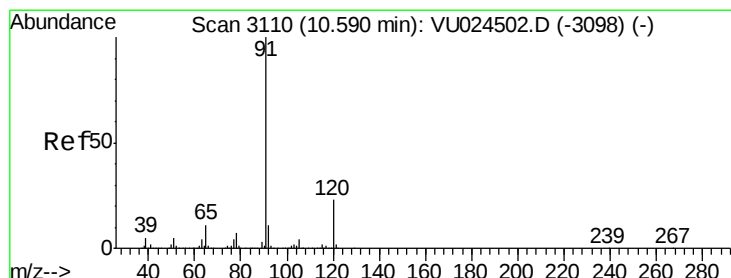
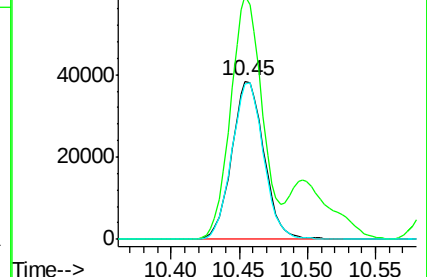
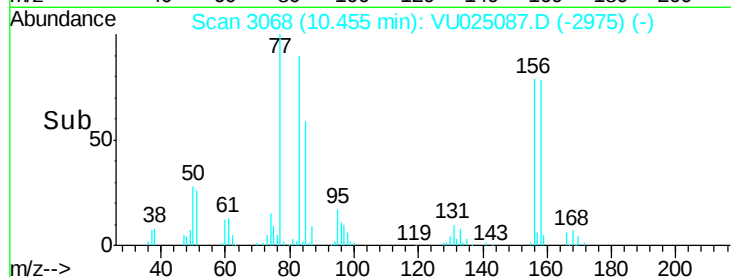
158 97.3 48.2 144.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VU0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 21.621 ug/l

RT: 10.59 min Scan# 3110

Delta R.T. -0.00 min

Lab File: VU025087.D

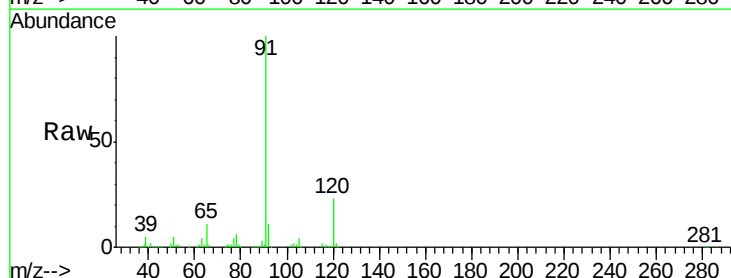
Acq: 30 Jun 2018 14:45

Tgt Ion: 91 Resp: 276443

Ion Ratio Lower Upper

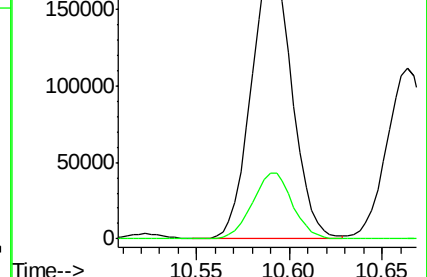
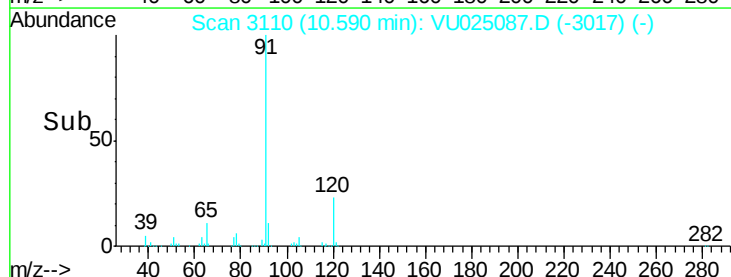
91 100

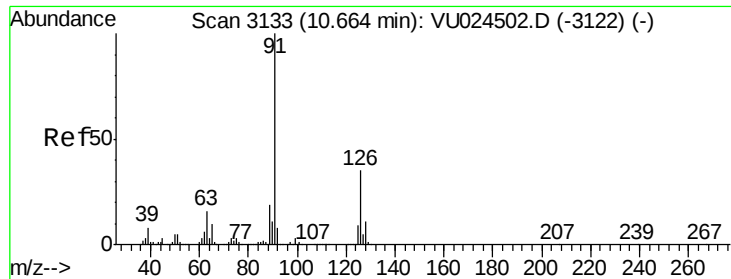
120 23.5 11.2 33.5



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 22.885 ug/l

RT: 10.66 min Scan# 3133

Delta R.T. -0.00 min

Lab File: VU025087.D

Acq: 30 Jun 2018 14:45

Instrument :

MSVOA_U

ClientSampleId :

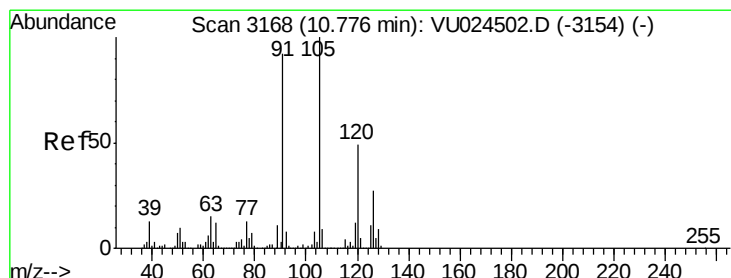
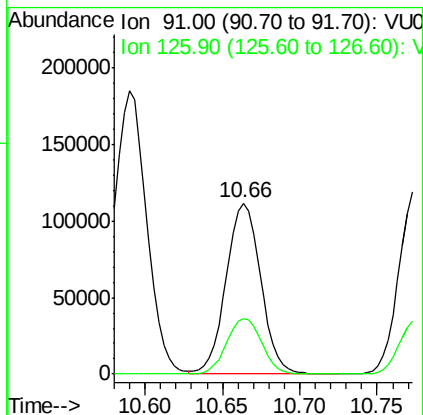
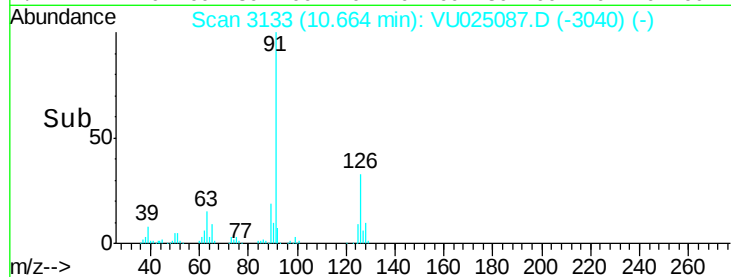
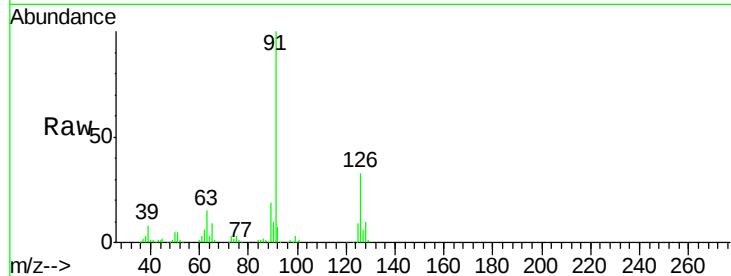
VU0630WBSD01

Tgt Ion: 91 Resp: 172553

Ion Ratio Lower Upper

91 100

126 33.2 16.9 50.7



#80

1,3,5-Trimethylbenzene

Concen: 22.934 ug/l

RT: 10.78 min Scan# 3168

Delta R.T. -0.00 min

Lab File: VU025087.D

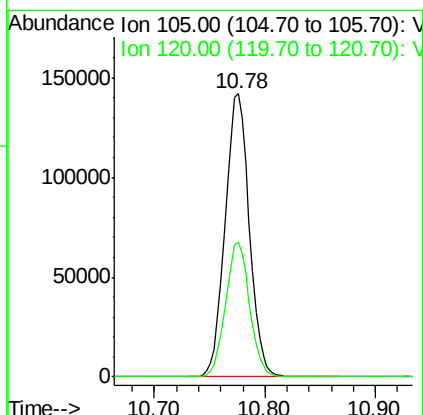
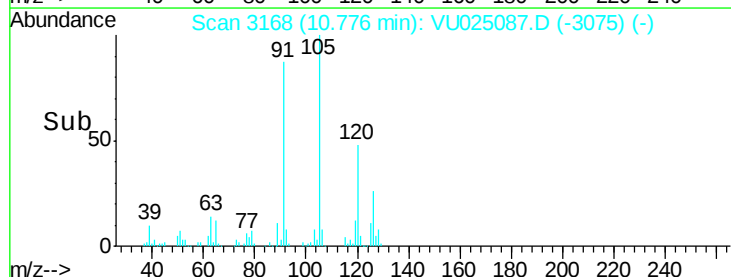
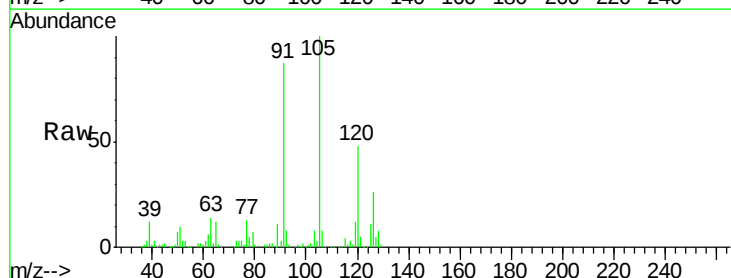
Acq: 30 Jun 2018 14:45

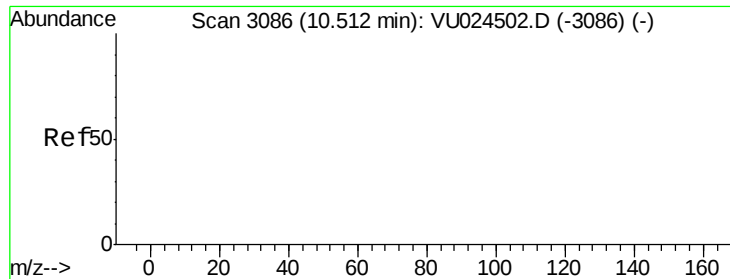
Tgt Ion: 105 Resp: 215745

Ion Ratio Lower Upper

105 100

120 47.3 24.1 72.2

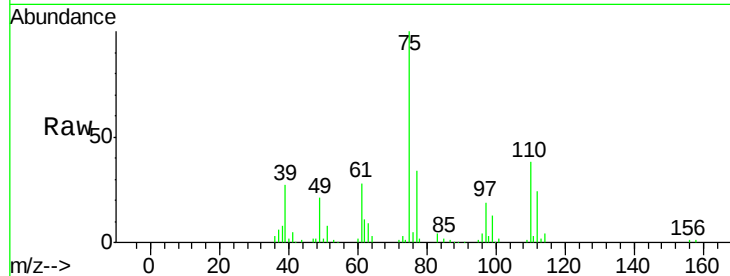




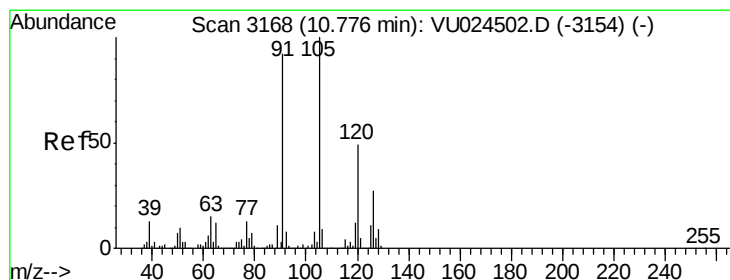
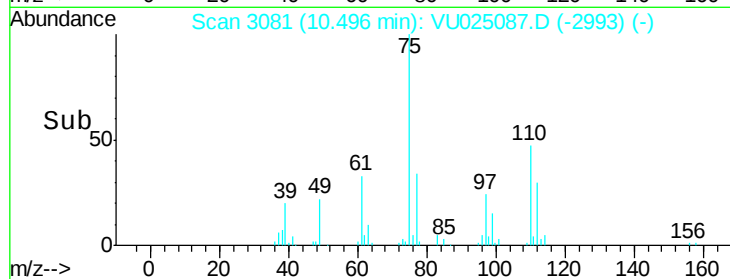
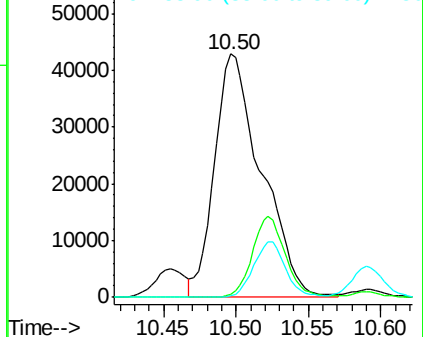
#81
trans-1,4-Dichloro-2-butene
Concen: 71.497 ug/l
RT: 10.50 min Scan# 3081
Delta R.T. -0.02 min
Lab File: VU025087.D
Acq: 30 Jun 2018 14:45

Instrument :
MSVOA_U
ClientSampleId :
VU0630WBSD01

Tgt Ion: 75 Resp: 96149
Ion Ratio Lower Upper
75 100
53 0.0 0.0 0.0
89 0.0 0.0 0.0

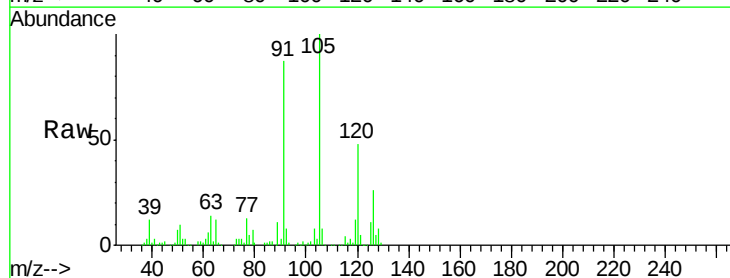


Abundance Ion 74.90 (74.60 to 75.60): VU0
Ion 53.00 (52.70 to 53.70): VU0
Ion 88.90 (88.60 to 89.60): VU0

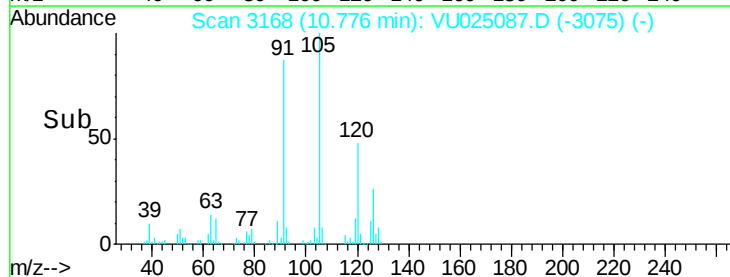
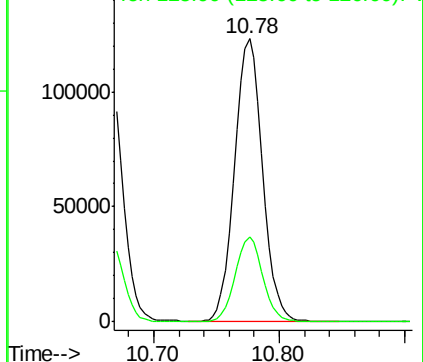


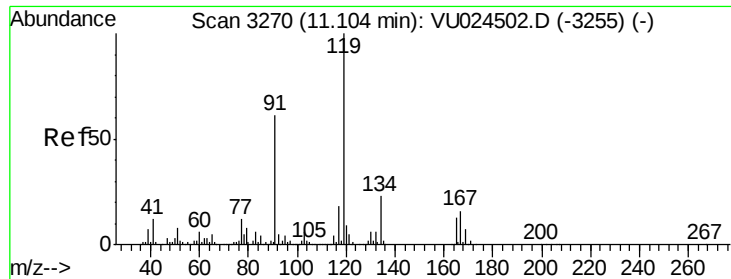
#82
4-Chlorotoluene
Concen: 21.677 ug/l
RT: 10.78 min Scan# 3168
Delta R.T. -0.00 min
Lab File: VU025087.D
Acq: 30 Jun 2018 14:45

Tgt Ion: 91 Resp: 190232
Ion Ratio Lower Upper
91 100
126 29.9 14.9 44.9



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

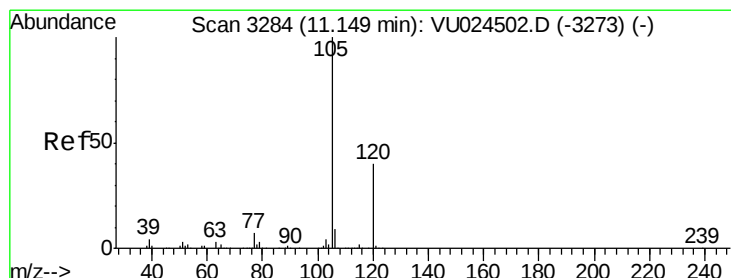
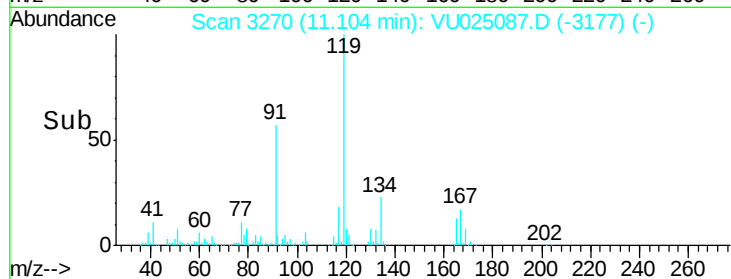
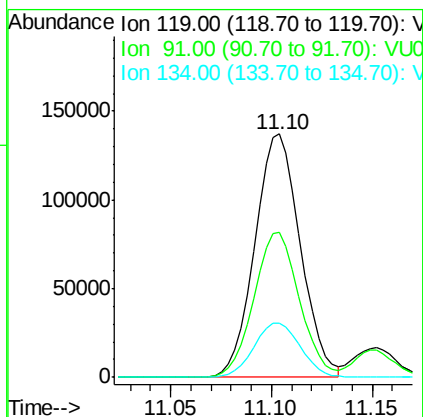
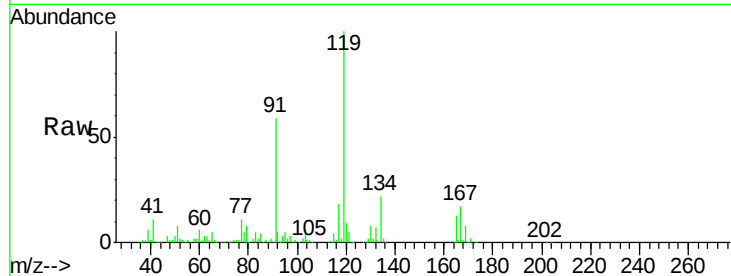




#83
 tert-Butylbenzene
 Concen: 23.828 ug/l
 RT: 11.10 min Scan# 3270
 Delta R.T. -0.00 min
 Lab File: VU025087.D
 Acq: 30 Jun 2018 14:45

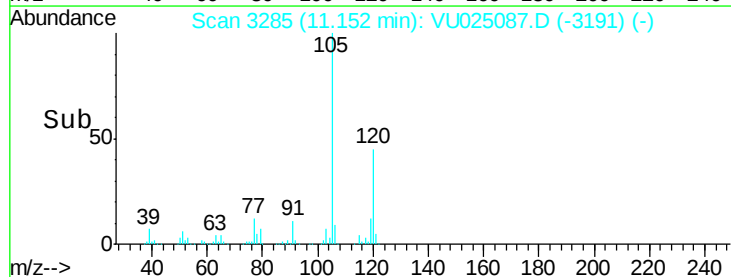
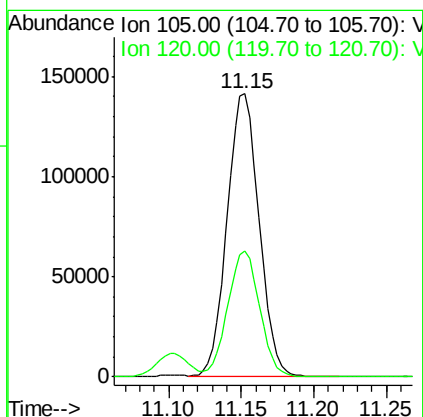
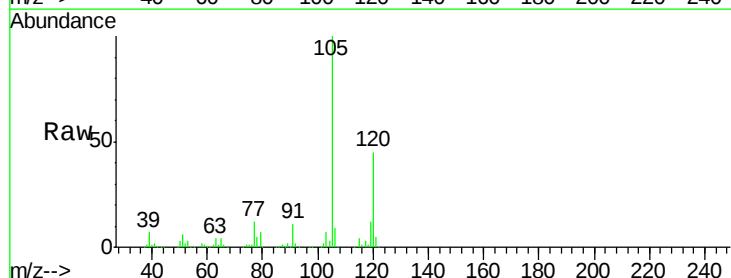
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0630WBSD01

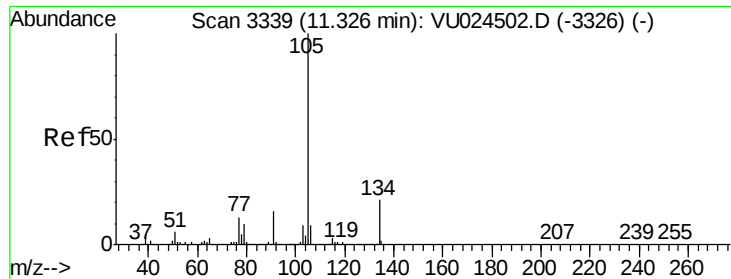
Tgt Ion:119 Resp: 215623
 Ion Ratio Lower Upper
 119 100
 91 59.8 29.7 89.1
 134 22.8 11.6 34.7



#84
 1,2,4-Trimethylbenzene
 Concen: 22.602 ug/l
 RT: 11.15 min Scan# 3285
 Delta R.T. 0.00 min
 Lab File: VU025087.D
 Acq: 30 Jun 2018 14:45

Tgt Ion:105 Resp: 216687
 Ion Ratio Lower Upper
 105 100
 120 44.3 22.6 67.8

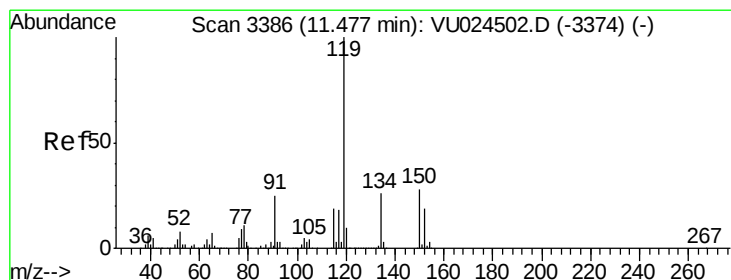
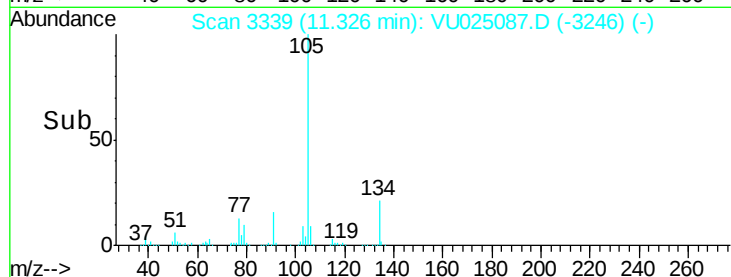
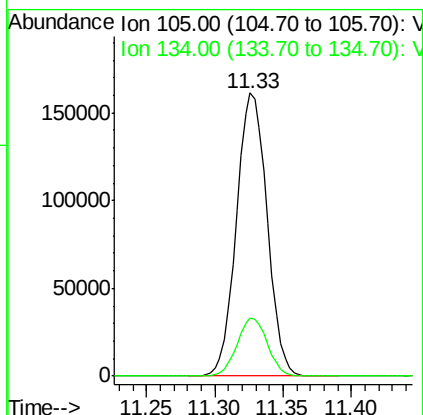
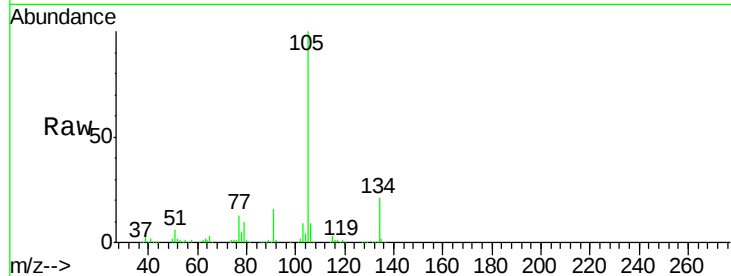




#85
 sec-Butylbenzene
 Concen: 22.218 ug/l
 RT: 11.33 min Scan# 3339
 Delta R.T. -0.00 min
 Lab File: VU025087.D
 Acq: 30 Jun 2018 14:45

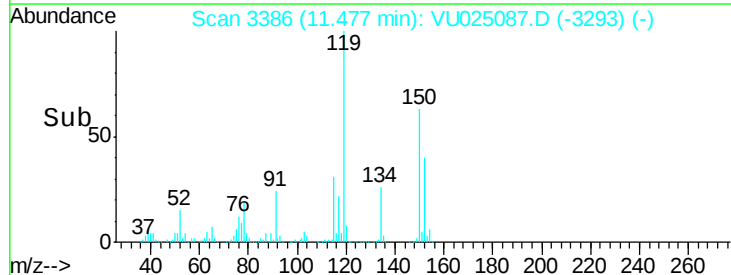
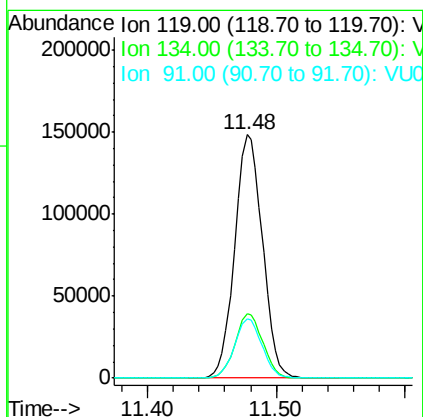
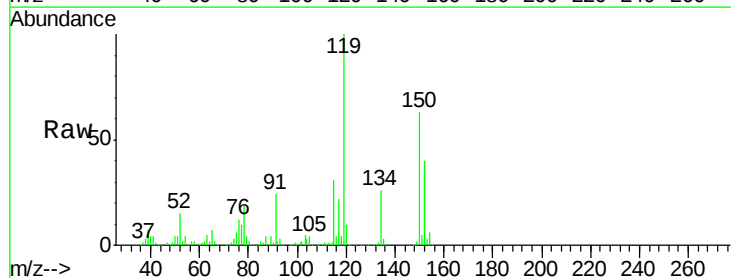
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0630WBSD01

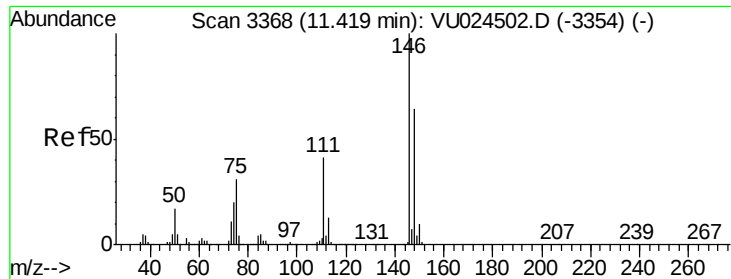
Tgt Ion:105 Resp: 251668
 Ion Ratio Lower Upper
 105 100
 134 20.3 9.7 29.1



#86
 p-Isopropyltoluene
 Concen: 21.788 ug/l
 RT: 11.48 min Scan# 3386
 Delta R.T. -0.00 min
 Lab File: VU025087.D
 Acq: 30 Jun 2018 14:45

Tgt Ion:119 Resp: 221038
 Ion Ratio Lower Upper
 119 100
 134 26.5 12.9 38.6
 91 24.4 12.0 36.1

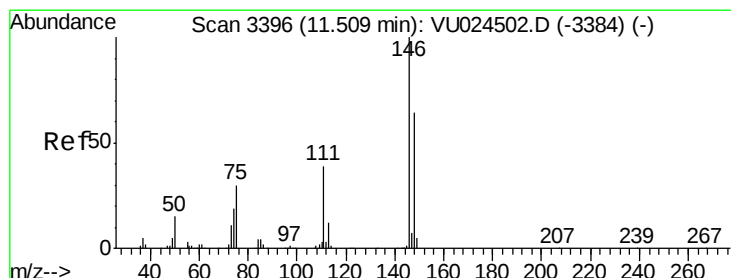
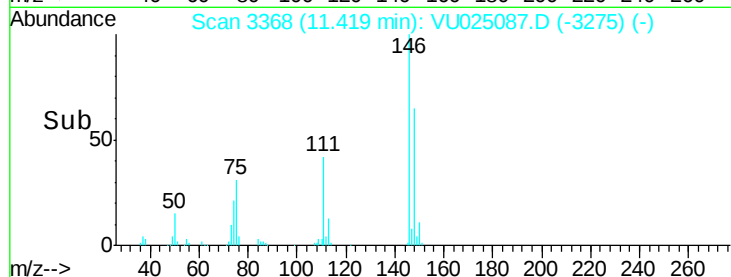
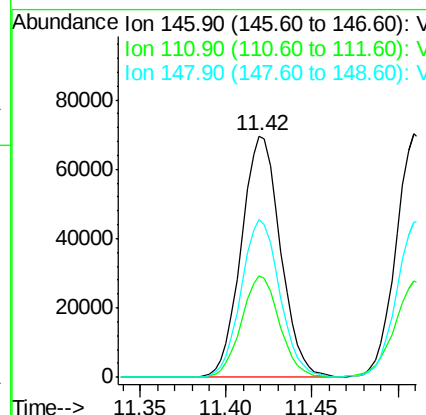
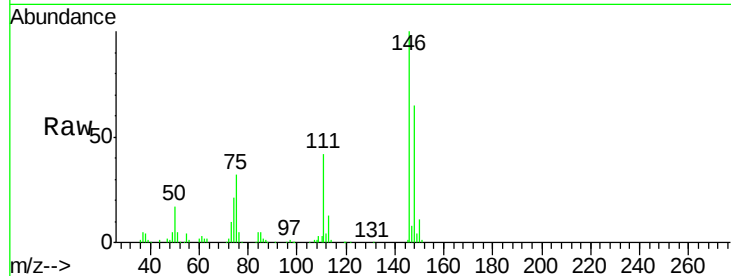




#87
 1,3-Dichlorobenzene
 Concen: 21.647 ug/l
 RT: 11.42 min Scan# 3368
 Delta R.T. -0.00 min
 Lab File: VU025087.D
 Acq: 30 Jun 2018 14:45

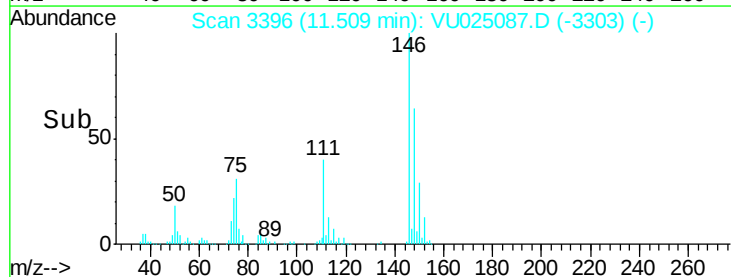
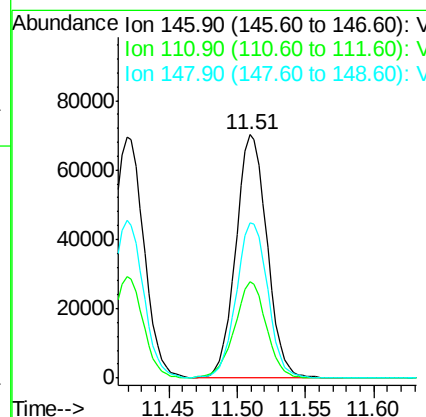
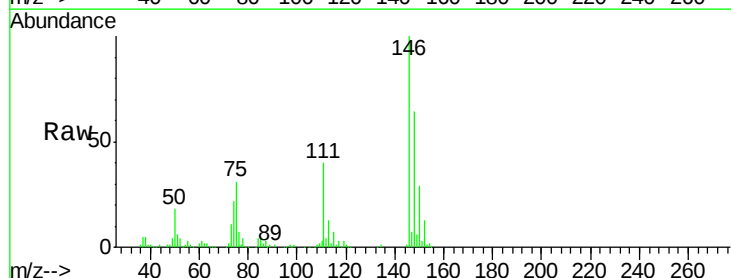
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0630WBSD01

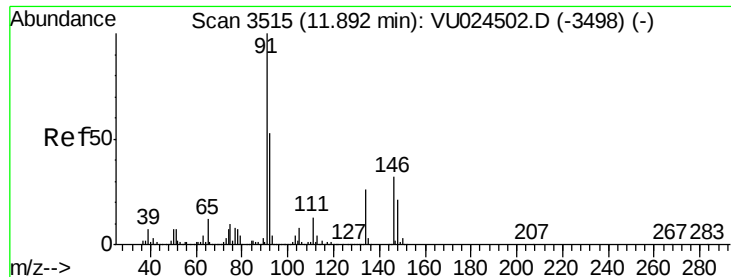
Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.8	20.0	60.0
148	64.7	32.1	96.5



#88
 1,4-Dichlorobenzene
 Concen: 21.769 ug/l
 RT: 11.51 min Scan# 3396
 Delta R.T. -0.00 min
 Lab File: VU025087.D
 Acq: 30 Jun 2018 14:45

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.7	19.5	58.5
148	65.0	32.4	97.0





#89

n-Butylbenzene

Concen: 18.875 ug/l

RT: 11.89 min Scan# 3515

Delta R.T. -0.00 min

Lab File: VU025087.D

Acq: 30 Jun 2018 14:45

Instrument :

MSVOA_U

ClientSampleId :

VU0630WBSD01

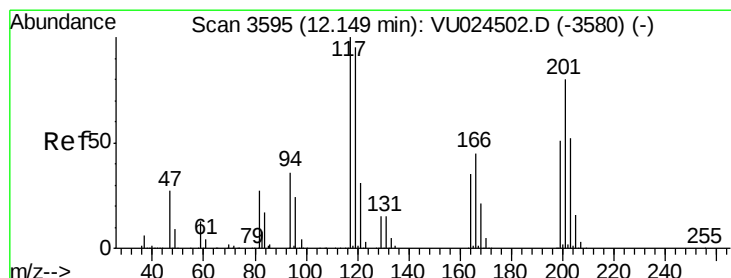
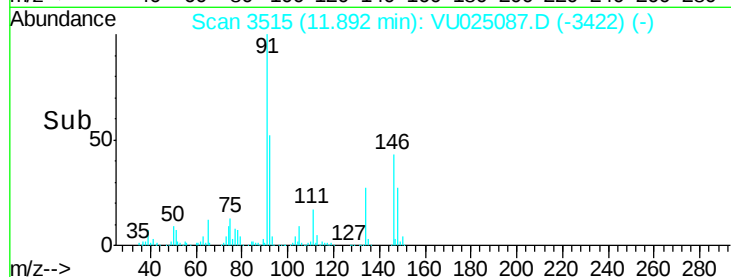
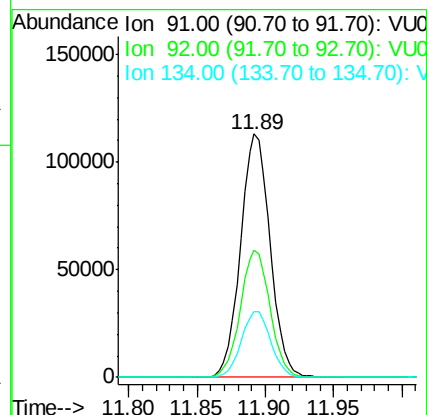
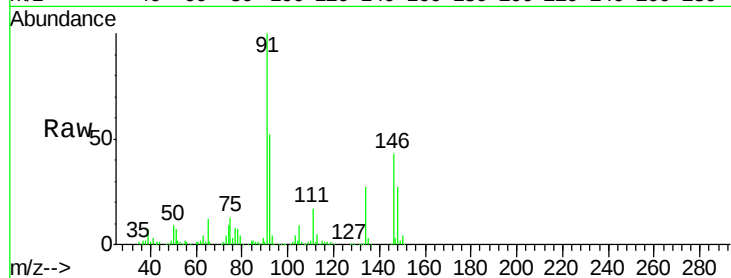
Tgt Ion: 91 Resp: 169998

Ion Ratio Lower Upper

91 100

92 52.3 25.6 76.8

134 26.8 12.3 36.8



#90

Hexachloroethane

Concen: 19.551 ug/l

RT: 12.15 min Scan# 3595

Delta R.T. -0.00 min

Lab File: VU025087.D

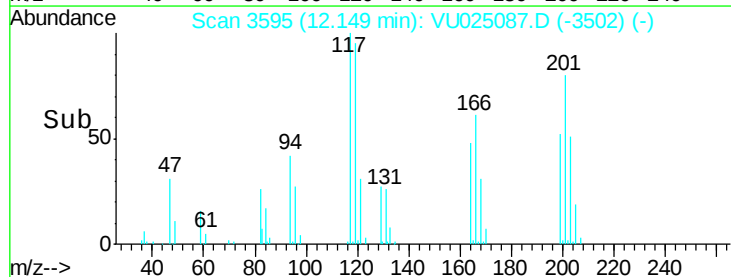
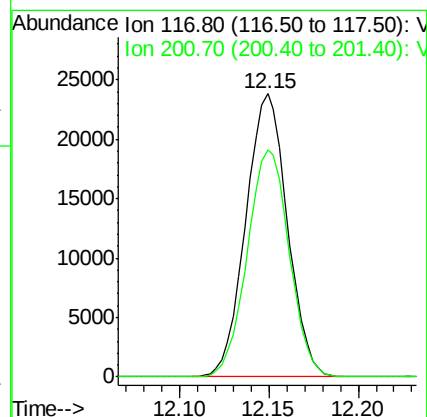
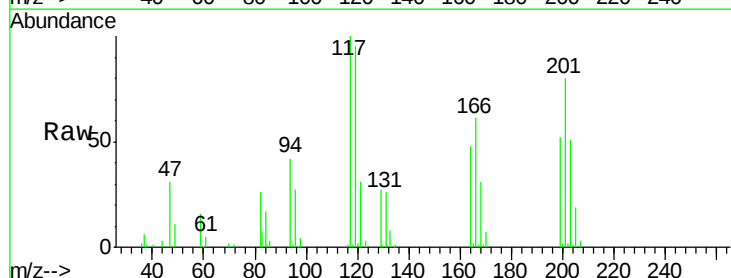
Acq: 30 Jun 2018 14:45

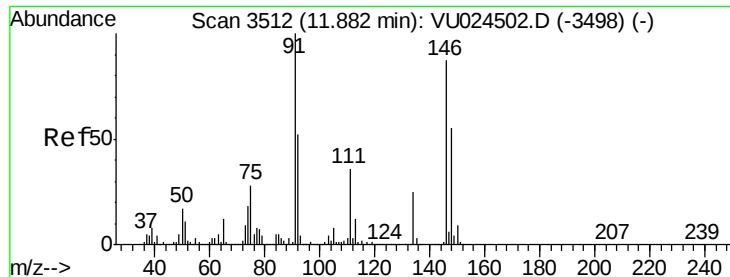
Tgt Ion: 117 Resp: 38692

Ion Ratio Lower Upper

117 100

201 80.9 41.1 123.3

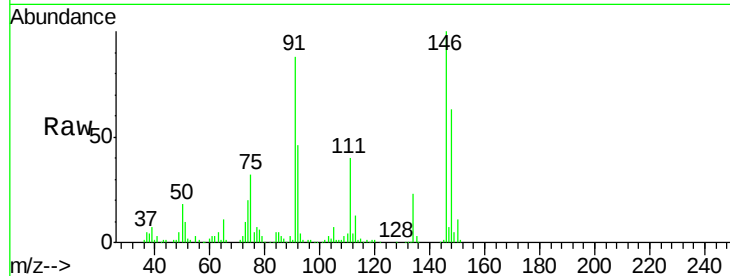




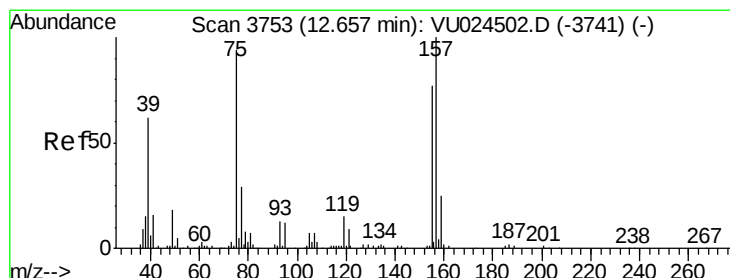
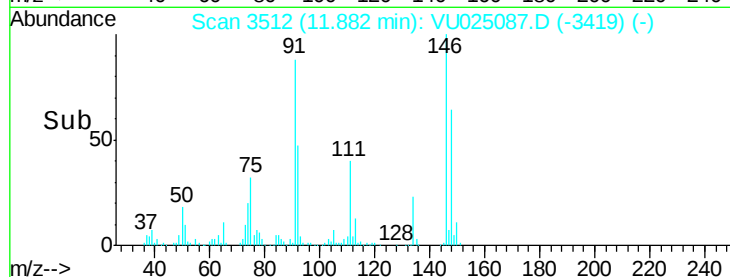
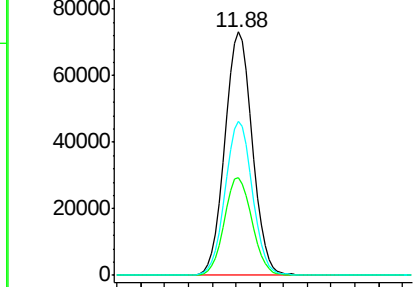
#91
 1,2-Dichlorobenzene
 Concen: 23.028 ug/l
 RT: 11.88 min Scan# 3512
 Delta R.T. -0.00 min
 Lab File: VU025087.D
 Acq: 30 Jun 2018 14:45

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0630WBSD01

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.5	20.5	61.6
148	62.9	31.9	95.7

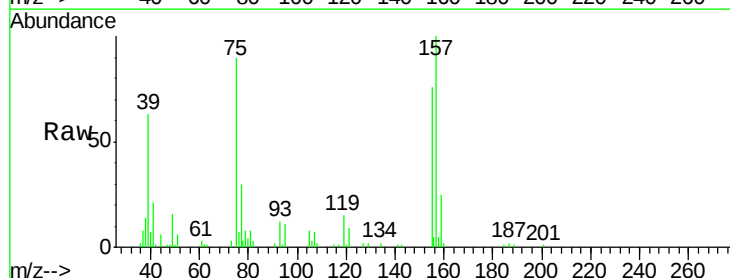


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

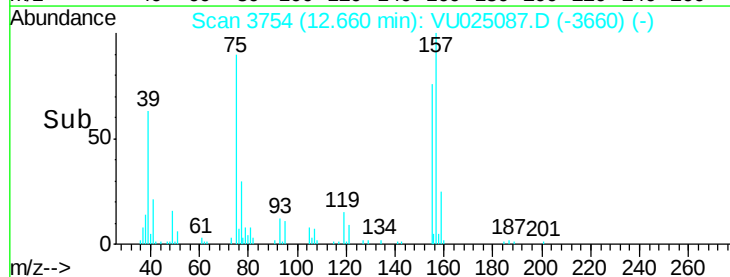
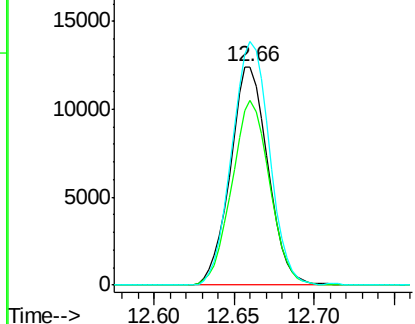


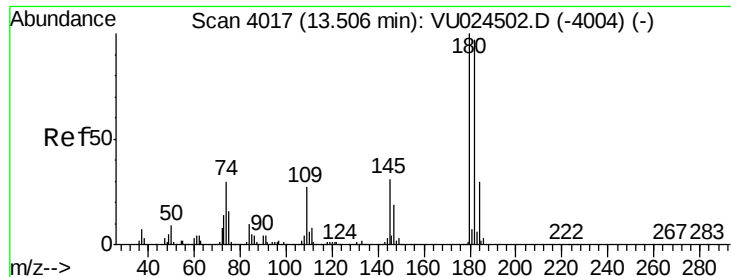
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.811 ug/l
 RT: 12.66 min Scan# 3754
 Delta R.T. 0.00 min
 Lab File: VU025087.D
 Acq: 30 Jun 2018 14:45

Tgt Ion	Ratio	Lower	Upper
75	100		
155	84.8	40.4	121.2
157	111.1	52.3	156.8



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

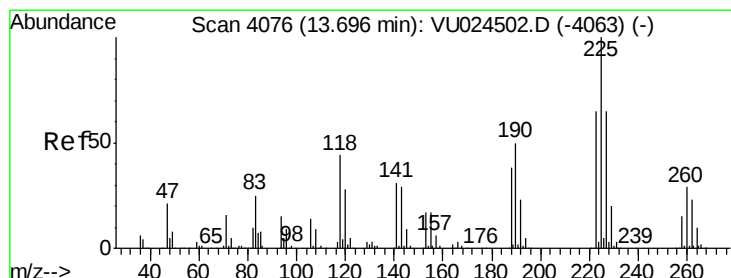
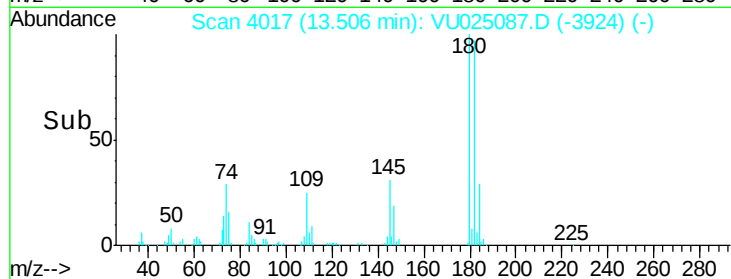
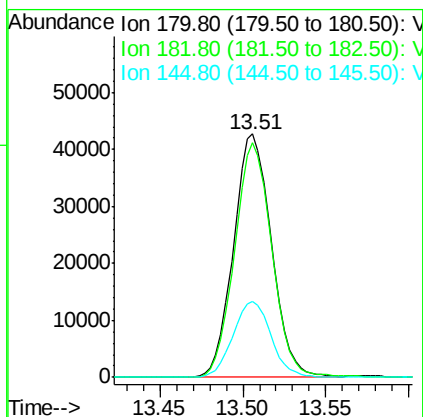
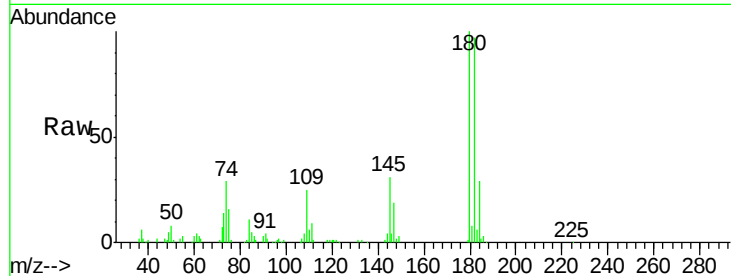




#93
 1,2,4-Trichlorobenzene
 Concen: 21.656 ug/l
 RT: 13.51 min Scan# 4017
 Delta R.T. -0.00 min
 Lab File: VU025087.D
 Acq: 30 Jun 2018 14:45

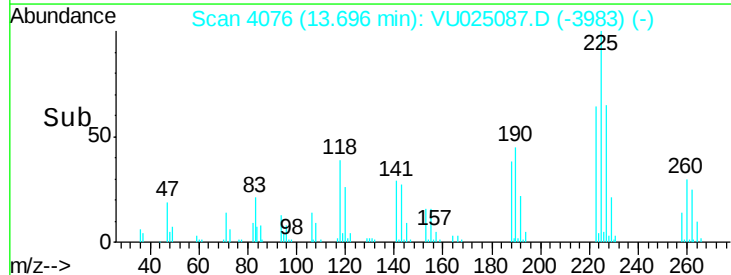
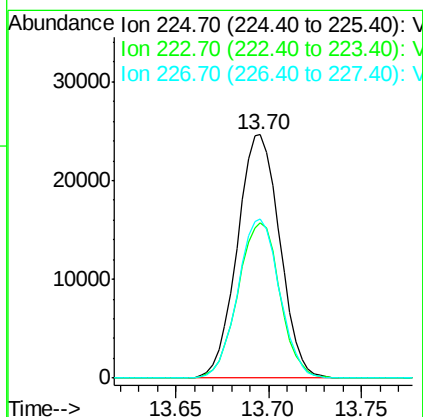
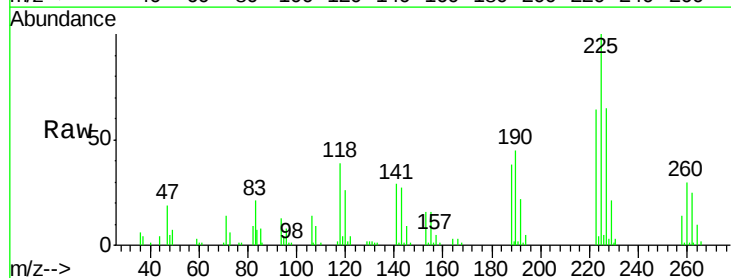
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0630WBSD01

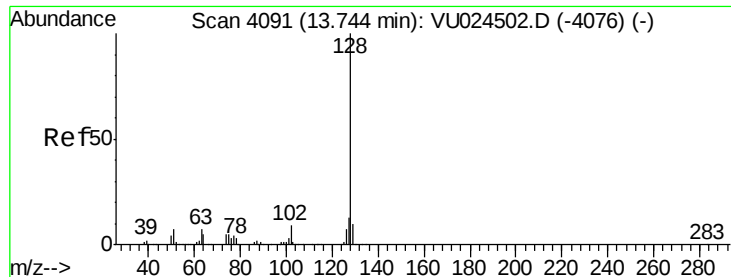
Tgt Ion:180 Resp: 67998
 Ion Ratio Lower Upper
 180 100
 182 95.0 48.0 144.2
 145 31.3 14.7 44.1



#94
 Hexachlorobutadiene
 Concen: 22.245 ug/l
 RT: 13.70 min Scan# 4076
 Delta R.T. -0.00 min
 Lab File: VU025087.D
 Acq: 30 Jun 2018 14:45

Tgt Ion:225 Resp: 39314
 Ion Ratio Lower Upper
 225 100
 223 63.0 31.3 93.8
 227 64.0 31.8 95.4





#95

Naphthalene

Concen: 21.293 ug/l

RT: 13.74 min Scan# 4091

Delta R.T. 0.00 min

Lab File: VU025087.D

Acq: 30 Jun 2018 14:45

Instrument :

MSVOA_U

ClientSampleId :

VU0630WBSD01

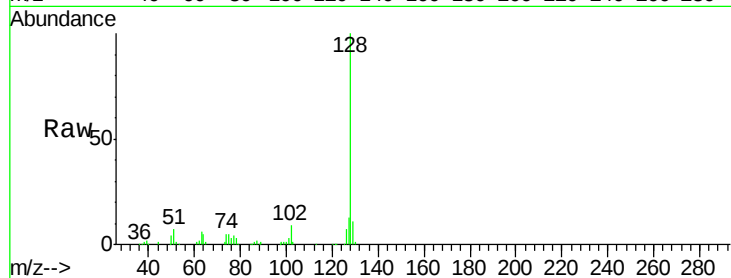
Tgt Ion:128 Resp: 217230

Ion Ratio Lower Upper

128 100

127 12.9 10.6 16.0

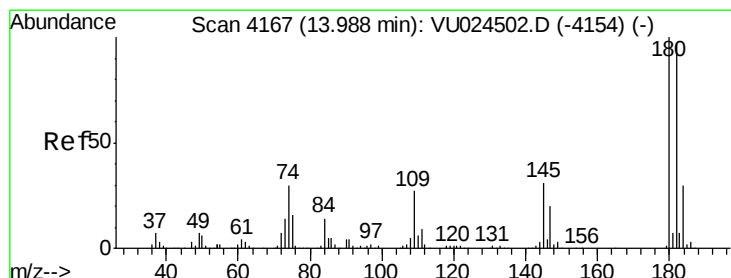
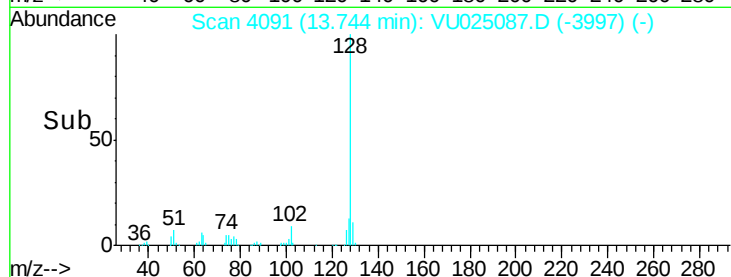
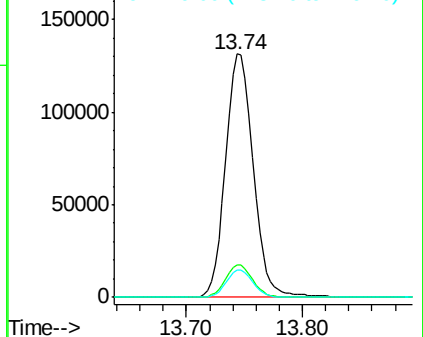
129 10.7 8.6 12.8



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 22.911 ug/l

RT: 13.99 min Scan# 4168

Delta R.T. 0.00 min

Lab File: VU025087.D

Acq: 30 Jun 2018 14:45

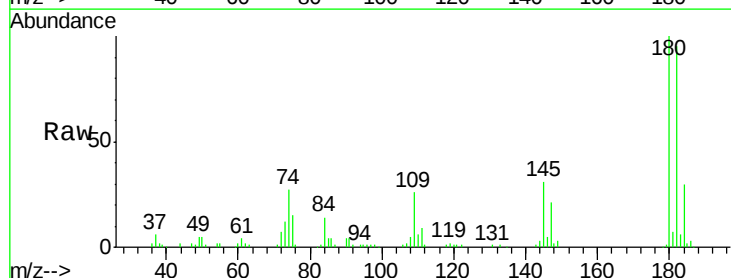
Tgt Ion:180 Resp: 71683

Ion Ratio Lower Upper

180 100

182 95.5 47.9 143.7

145 31.9 15.4 46.1



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

