

Data File : VU025888.D
Acq On : 06 Aug 2018 16:07
Operator : MD/SY
Sample : VU0806WBS01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VU0806WBS01

Quant Time: Aug 07 00:53:37 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U072718W.M
Quant Title : SW846 8260
QLast Update : Tue Aug 07 00:49:55 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	167417	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	245779	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	239747	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	149852	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.31	65	131463	50.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.80%	
35) Dibromofluoromethane	4.89	113	106695	49.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.82%	
50) Toluene-d8	7.57	98	371230	49.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.26%	
62) 4-Bromofluorobenzene	10.31	95	141481	48.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.46%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.21	85	39758	15.712	ug/l	95
3) Chloromethane	1.33	50	45178	18.680	ug/l	96
4) Vinyl Chloride	1.41	62	43051	18.915	ug/l	99
5) Bromomethane	1.63	94	25781	23.192	ug/l	98
6) Chloroethane	1.70	64	27089	20.355	ug/l	97
7) Trichlorofluoromethane	1.89	101	62746	19.068	ug/l	100
8) Diethyl Ether	2.10	74	22921	19.251	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.29	101	38367	20.147	ug/l	100
10) Methyl Iodide	2.41	142	30747	22.930	ug/l	98
11) Tert butyl alcohol	2.83	59	51724	90.568	ug/l	98
12) 1,1-Dichloroethene	2.28	96	36416	20.258	ug/l	96
13) Acrolein	2.20	56	35414	170.578	ug/l	100
14) Allyl chloride	2.60	41	62266	19.275	ug/l	95
15) Acrylonitrile	2.94	53	119289	104.615	ug/l	99
16) Acetone	2.32	43	154159	121.216	ug/l	98
17) Carbon Disulfide	2.48	76	113094	19.440	ug/l	99
18) Methyl Acetate	2.62	43	59037	19.287	ug/l	98
19) Methyl tert-butyl Ether	3.00	73	133999	20.571	ug/l	100
20) Methylene Chloride	2.70	84	49403	21.919	ug/l	98
21) trans-1,2-Dichloroethene	2.99	96	41242	19.847	ug/l	99
22) Diisopropyl ether	3.58	45	131267	20.621	ug/l	97
23) Vinyl Acetate	3.53	43	582259	104.956	ug/l	100
24) 1,1-Dichloroethane	3.45	63	78995	20.673	ug/l	99
25) 2-Butanone	4.27	43	218628	126.285	ug/l	98
26) 2,2-Dichloropropane	4.23	77	71489	20.583	ug/l	99
27) cis-1,2-Dichloroethene	4.23	96	47241	20.164	ug/l	98
28) Bromochloromethane	4.55	49	31183	18.251	ug/l	97
29) Tetrahydrofuran	4.64	42	107970	104.097	ug/l	98
30) Chloroform	4.68	83	82335	20.413	ug/l	100
31) Cyclohexane	5.00	56	68287	19.724	ug/l	98
32) 1,1,1-Trichloroethane	4.92	97	74612	20.546	ug/l	99
36) 1,1-Dichloropropene	5.14	75	60032	20.900	ug/l	99
37) Ethyl Acetate	4.39	43	64010	21.492	ug/l	99
38) Carbon Tetrachloride	5.14	117	69387	21.328	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.42	83	64045	19.460	ug/l	96
40) Benzene	5.39	78	171071	20.375	ug/l	100
41) Methacrylonitrile	4.55	41	34766	21.016	ug/l	98
42) 1,2-Dichloroethane	5.41	62	66677	20.624	ug/l	99
43) Isopropyl Acetate	5.55	43	100964	20.515	ug/l	99
44) Trichloroethene	6.19	130	47693	20.398	ug/l	99
45) 1,2-Dichloropropane	6.44	63	45386	20.727	ug/l	100
46) Dibromomethane	6.56	93	32882	20.725	ug/l	98
47) Bromodichloromethane	6.76	83	63450	20.965	ug/l	97
48) Methyl methacrylate	6.63	41	48602	20.149	ug/l	98
49) 1,4-Dioxane	6.62	88	21530	366.787	ug/l	97
51) 4-Methyl-2-Pentanone	7.46	43	404042	131.130	ug/l	99
52) Toluene	7.64	92	109735	21.038	ug/l	100
53) t-1,3-Dichloropropene	7.88	75	68504	20.159	ug/l	95
54) cis-1,3-Dichloropropene	7.27	75	72566	20.788	ug/l	99
55) 1,1,2-Trichloroethane	8.07	97	43478	20.058	ug/l	99
56) Ethyl methacrylate	8.02	69	62522	20.187	ug/l	98
57) 1,3-Dichloropropane	8.25	76	74769	20.511	ug/l	98
58) 2-Chloroethyl Vinyl ether	7.13	63	117279	88.331	ug/l	100
59) 2-Hexanone	8.36	43	309577	128.173	ug/l	99
60) Dibromochloromethane	8.48	129	50793	19.870	ug/l	98
61) 1,2-Dibromoethane	8.59	107	50130	20.795	ug/l	99
64) Tetrachloroethene	8.23	164	44799	21.229	ug/l	99
65) Chlorobenzene	9.12	112	124668	20.169	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.21	131	47089	21.059	ug/l	98
67) Ethyl Benzene	9.25	91	207082	20.225	ug/l	96
68) m/p-Xylenes	9.38	106	162441	41.324	ug/l	100
69) o-Xylene	9.78	106	77231	20.103	ug/l	97
70) Styrene	9.80	104	128416	20.694	ug/l	98
71) Bromoform	9.96	173	38655	19.937	ug/l #	100
73) Isopropylbenzene	10.17	105	208625	20.398	ug/l	99
74) N-amyl acetate	10.02	43	85473	20.471	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.46	83	72160	20.402	ug/l	98
76) 1,2,3-Trichloropropane	10.50	75	84136	25.482	ug/l	89
77) Bromobenzene	10.45	156	55578	19.701	ug/l	96
78) n-propylbenzene	10.59	91	246780	20.673	ug/l	100
79) 2-Chlorotoluene	10.66	91	147212	21.054	ug/l	99
80) 1,3,5-Trimethylbenzene	10.78	105	180091	20.733	ug/l	98
81) trans-1,4-Dichloro-2-buten	10.50	75	84136	63.897	ug/l #	100
82) 4-Chlorotoluene	10.78	91	173468	21.047	ug/l	100
83) tert-Butylbenzene	11.10	119	171780	19.904	ug/l	97
84) 1,2,4-Trimethylbenzene	11.15	105	184229	20.930	ug/l	99
85) sec-Butylbenzene	11.33	105	208674	19.804	ug/l	100
86) p-Isopropyltoluene	11.48	119	186036	19.718	ug/l	99
87) 1,3-Dichlorobenzene	11.42	146	106581	20.354	ug/l	99
88) 1,4-Dichlorobenzene	11.51	146	109060	19.980	ug/l	99
89) n-Butylbenzene	11.89	91	165111	18.964	ug/l	99
90) Hexachloroethane	12.15	117	32696	19.491	ug/l	98
91) 1,2-Dichlorobenzene	11.88	146	105034	20.464	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.66	75	17560	20.942	ug/l	94

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU080618\
Quantitation Report (Not Reviewed)

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.51	180	67803	19.573	ug/l	98
94) Hexachlorobutadiene	13.70	225	31624	17.318	ug/l	98
95) Naphthalene	13.75	128	196178	18.440	ug/l	100
96) 1,2,3-Trichlorobenzene	13.99	180	69072	19.988	ug/l	99

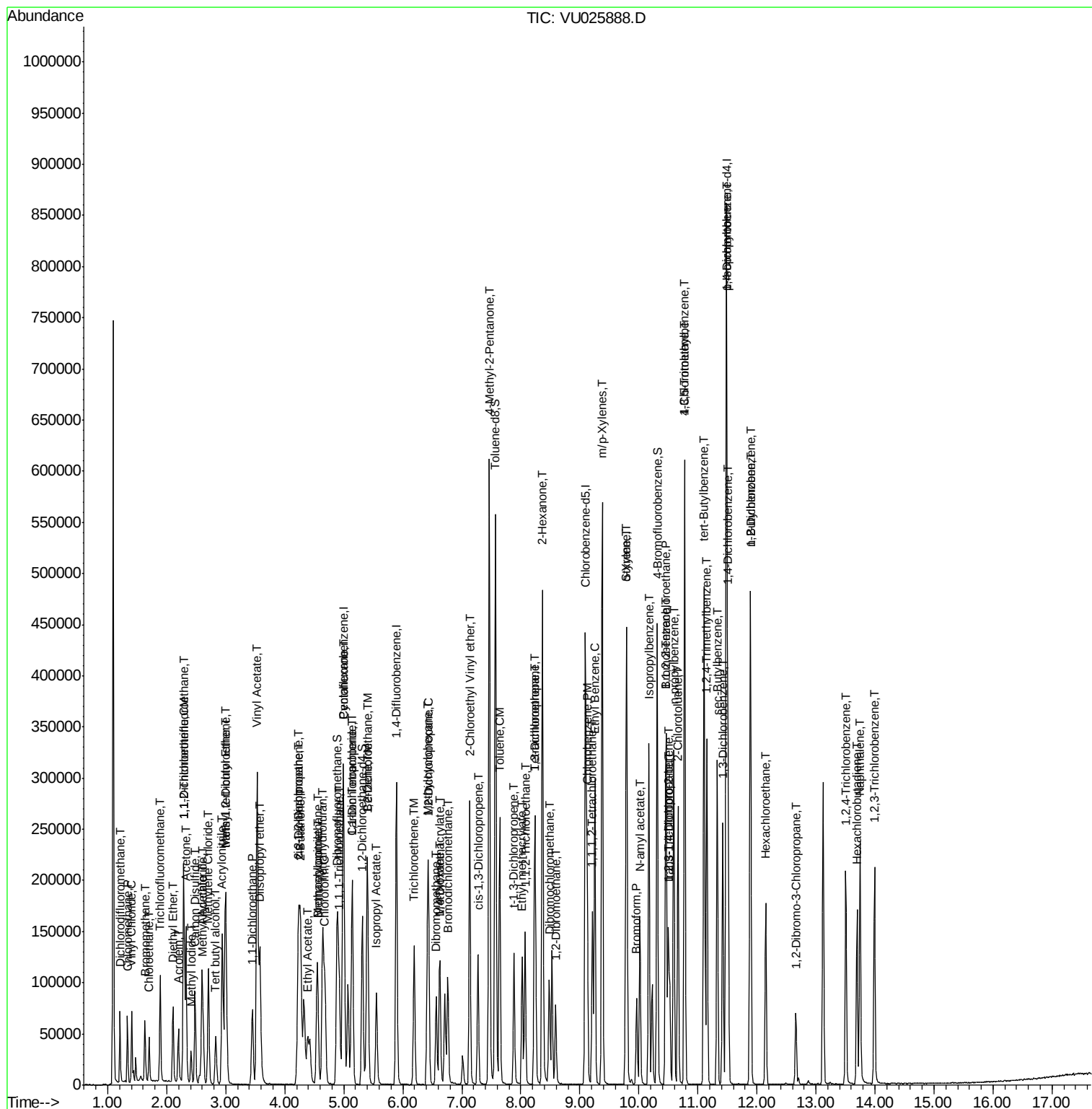
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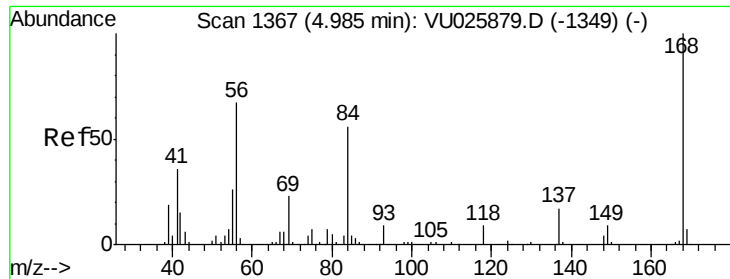
Data File : VU025888.D

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.99 min Scan# 1368

Delta R.T. 0.00 min

Lab File: VU025888.D

Acq: 06 Aug 2018 16:07

Instrument :

MSVOA_U

ClientSampleId :

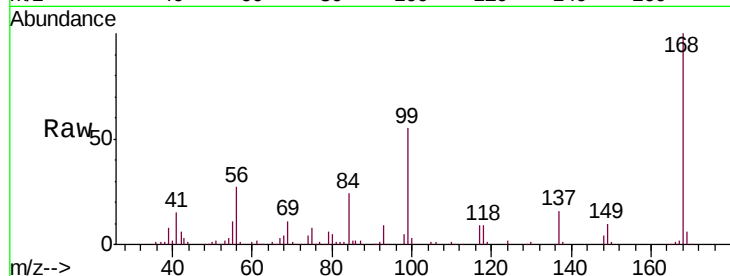
VU0806WBS01

Tgt Ion:168 Resp: 167417

Ion Ratio Lower Upper

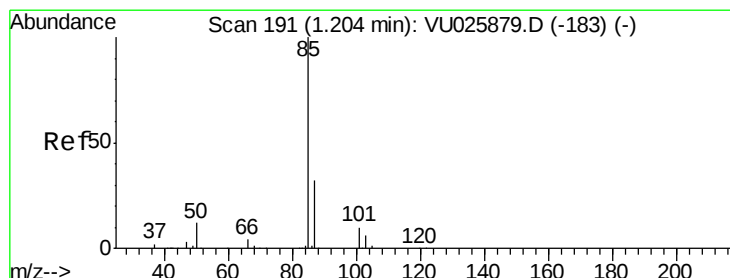
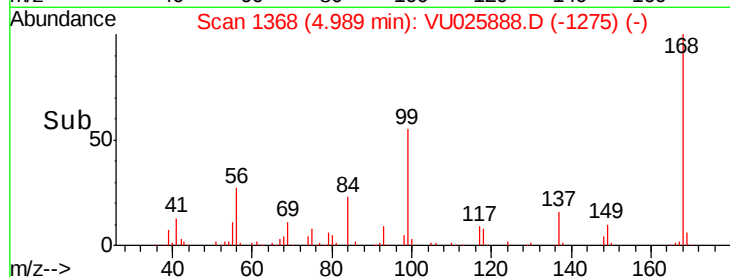
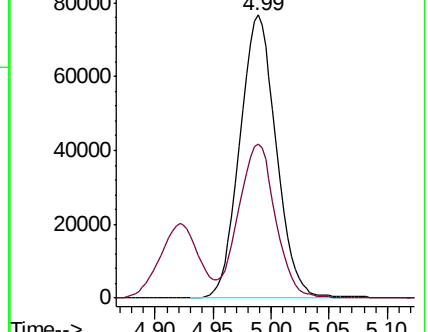
168 100

99 54.3 42.8 64.2



Abundance Ion 167.90 (167.60 to 168.60): VU025879.D (-1349) (-)

Ion 98.90 (98.60 to 99.60): VU025879.D (-1349) (-)



#2

Dichlorodifluoromethane

Concen: 15.712 ug/l

RT: 1.21 min Scan# 192

Delta R.T. 0.00 min

Lab File: VU025888.D

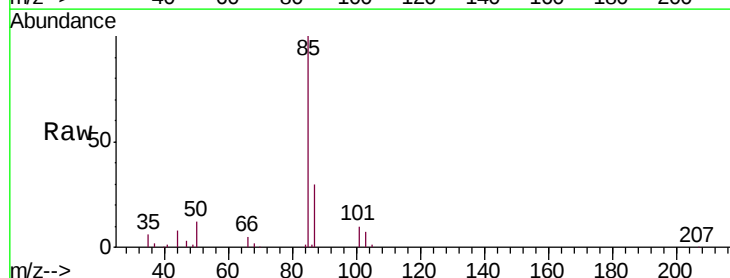
Acq: 06 Aug 2018 16:07

Tgt Ion: 85 Resp: 39758

Ion Ratio Lower Upper

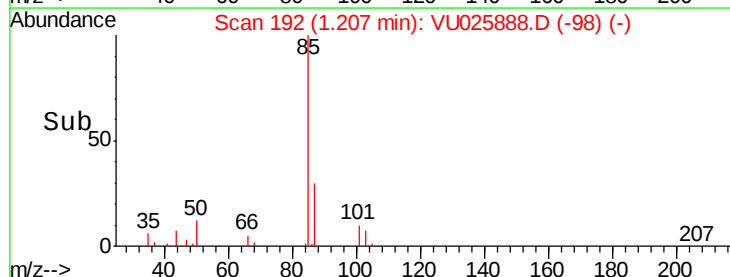
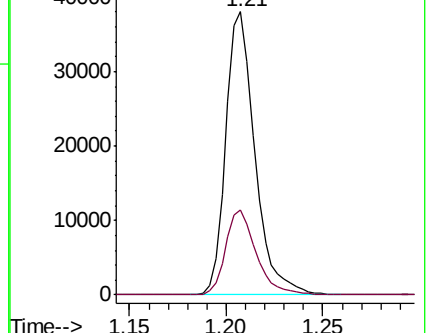
85 100

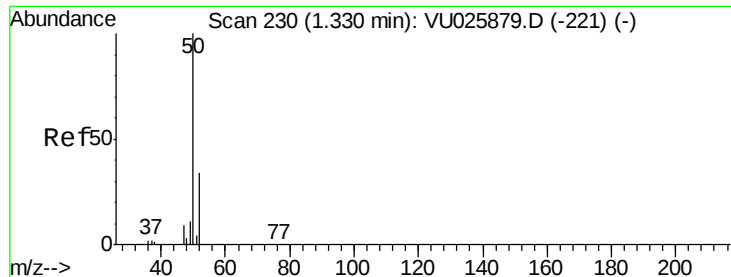
87 29.9 16.5 49.5



Abundance Ion 84.90 (84.60 to 85.60): VU025879.D (-183) (-)

Ion 86.90 (86.60 to 87.60): VU025879.D (-183) (-)





#3

Chloromethane

Concen: 18.680 ug/l

RT: 1.33 min Scan# 231

Delta R.T. 0.00 min

Lab File: VU025888.D

Acq: 06 Aug 2018 16:07

Instrument :

MSVOA_U

ClientSampleId :

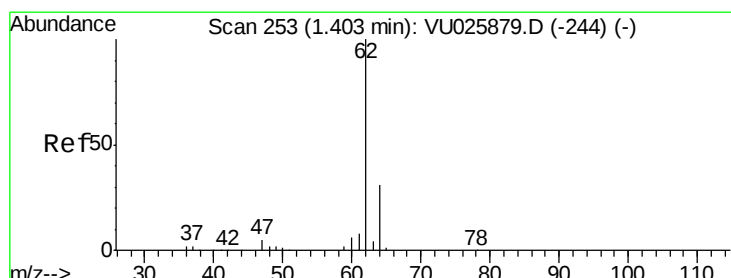
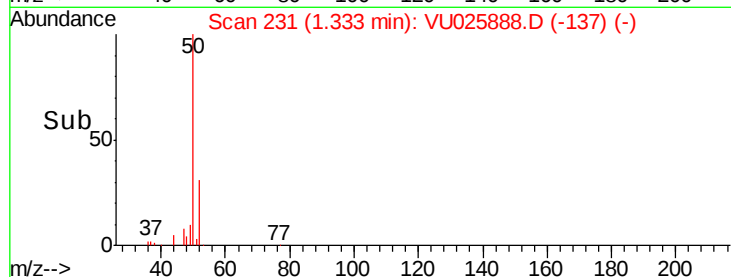
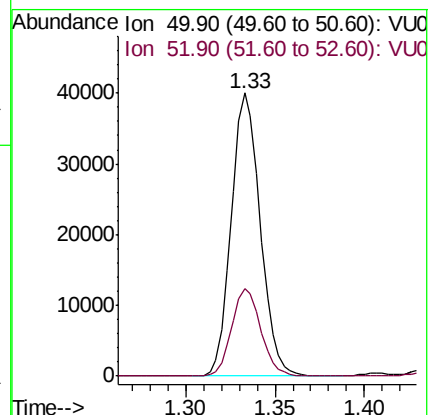
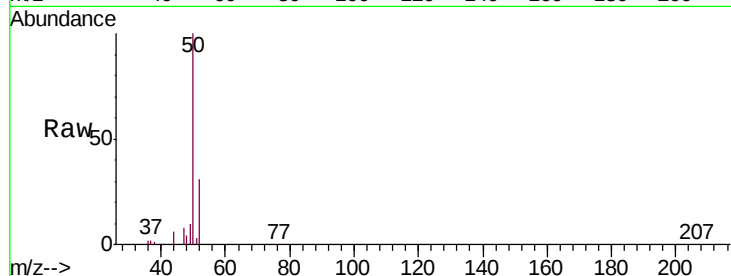
VU0806WBS01

Tgt Ion: 50 Resp: 45178

Ion Ratio Lower Upper

50 100

52 30.9 26.5 39.7



#4

Vinyl Chloride

Concen: 18.915 ug/l

RT: 1.41 min Scan# 254

Delta R.T. 0.00 min

Lab File: VU025888.D

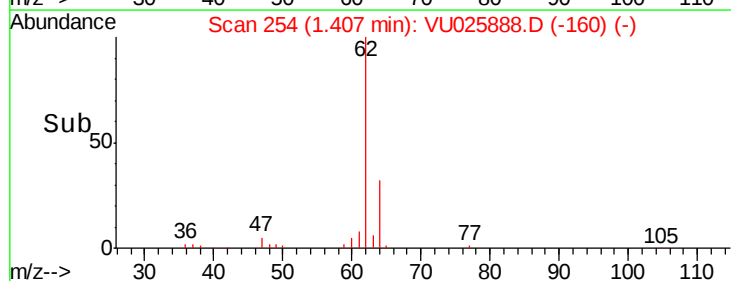
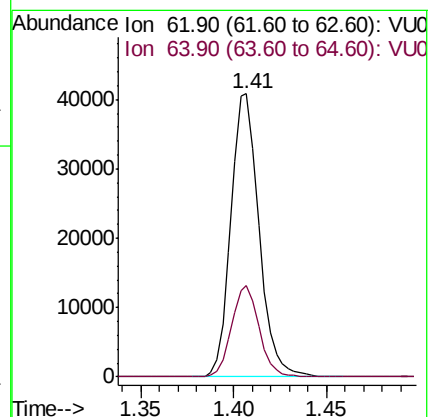
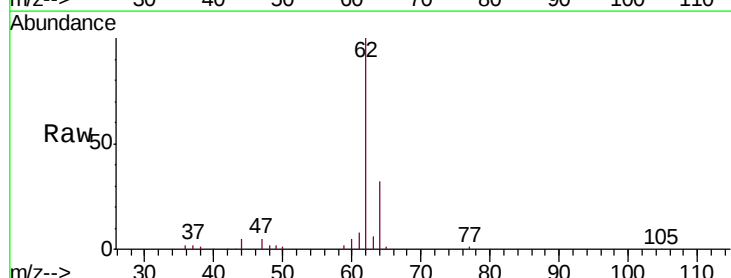
Acq: 06 Aug 2018 16:07

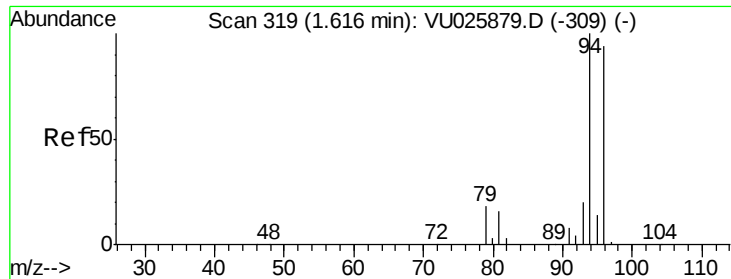
Tgt Ion: 62 Resp: 43051

Ion Ratio Lower Upper

62 100

64 32.2 25.4 38.0





#5

Bromomethane

Concen: 23.192 ug/l

RT: 1.63 min Scan# 323

Delta R.T. 0.01 min

Lab File: VU025888.D

Acq: 06 Aug 2018 16:07

Instrument :

MSVOA_U

ClientSampleId :

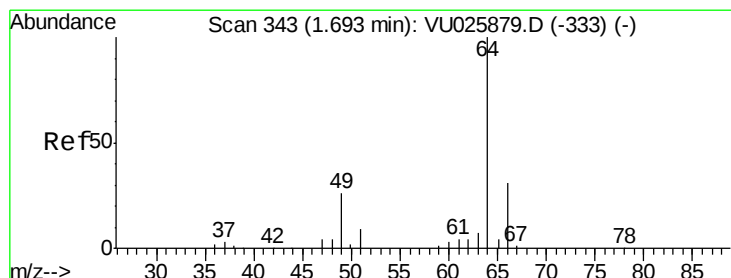
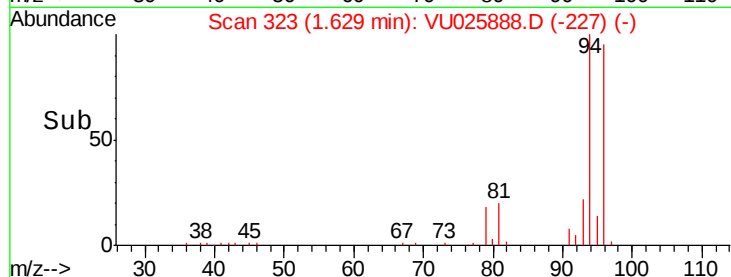
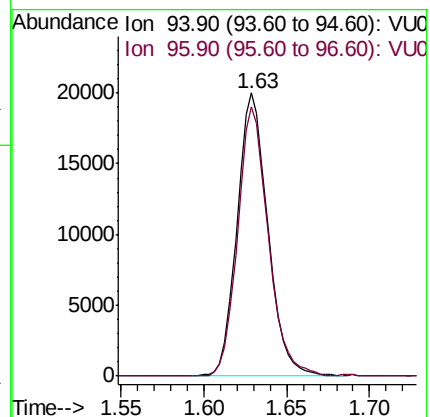
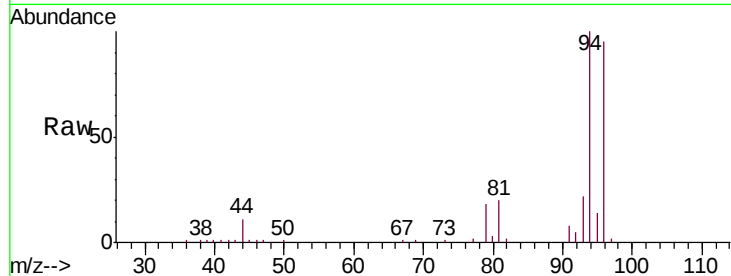
VU0806WBS01

Tgt Ion: 94 Resp: 25781

Ion Ratio Lower Upper

94 100

96 95.4 75.0 112.4



#6

Chloroethane

Concen: 20.355 ug/l

RT: 1.70 min Scan# 345

Delta R.T. 0.01 min

Lab File: VU025888.D

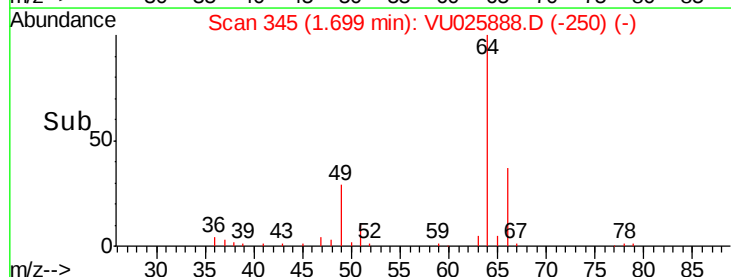
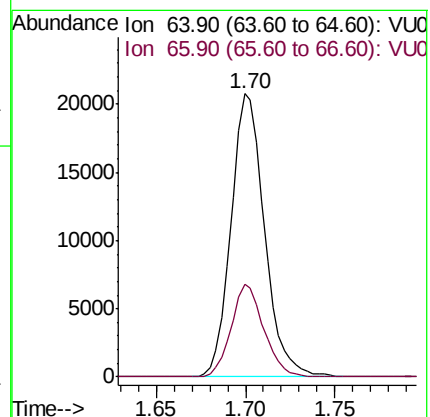
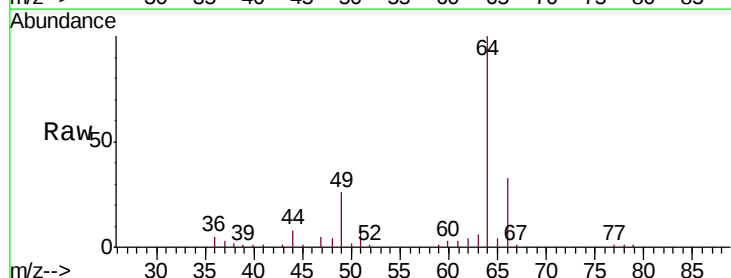
Acq: 06 Aug 2018 16:07

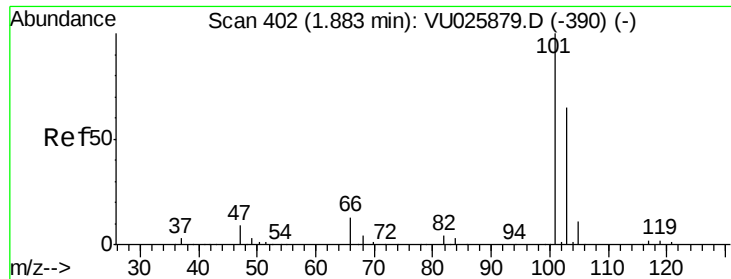
Tgt Ion: 64 Resp: 27089

Ion Ratio Lower Upper

64 100

66 32.9 25.0 37.4



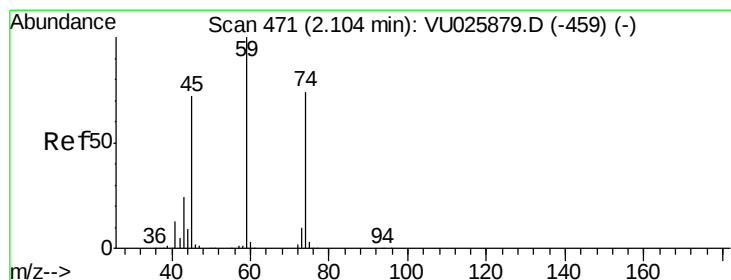
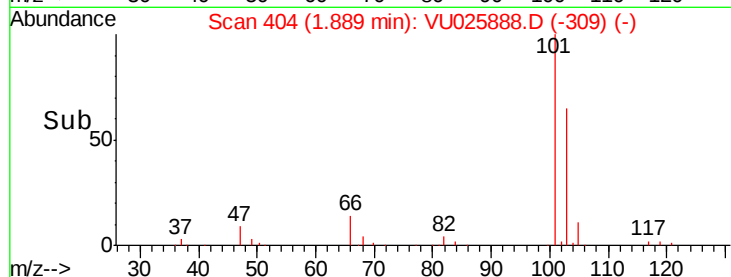
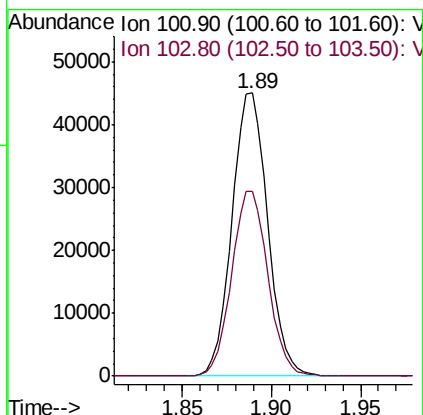
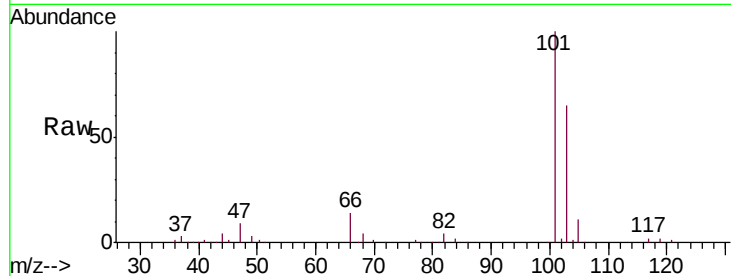


#7

Trichlorofluoromethane
 Concen: 19.068 ug/l
 RT: 1.89 min Scan# 404
 Delta R.T. 0.01 min
 Lab File: VU025888.D
 Acq: 06 Aug 2018 16:07

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0806WBS01

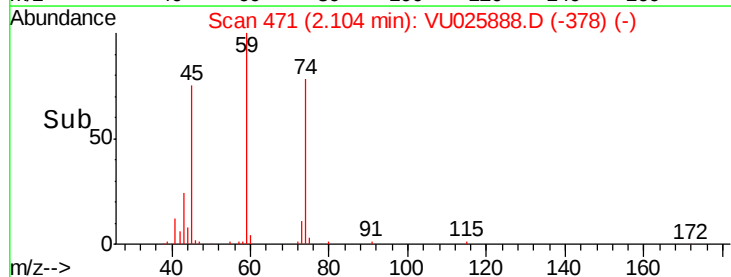
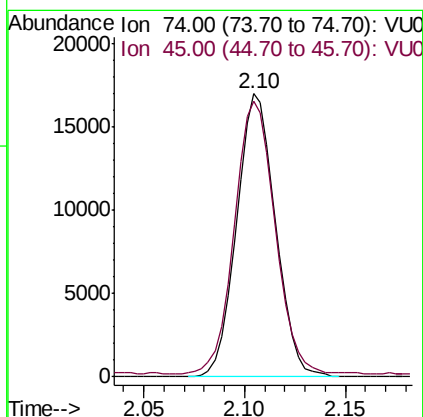
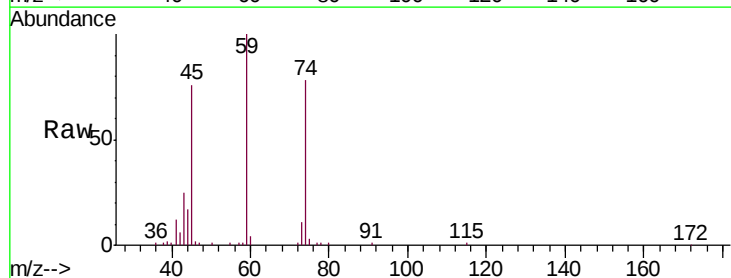
Tgt Ion:101 Resp: 62746
 Ion Ratio Lower Upper
 101 100
 103 65.4 52.2 78.2

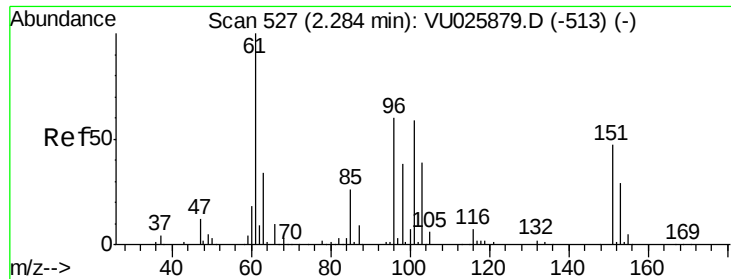


#8

Diethyl Ether
 Concen: 19.251 ug/l
 RT: 2.10 min Scan# 471
 Delta R.T. 0.00 min
 Lab File: VU025888.D
 Acq: 06 Aug 2018 16:07

Tgt Ion: 74 Resp: 22921
 Ion Ratio Lower Upper
 74 100
 45 101.0 48.3 144.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.147 ug/l

RT: 2.29 min Scan# 528

Delta R.T. 0.00 min

Lab File: VU025888.D

Acq: 06 Aug 2018 16:07

Instrument :

MSVOA_U

ClientSampleId :

VU0806WBS01

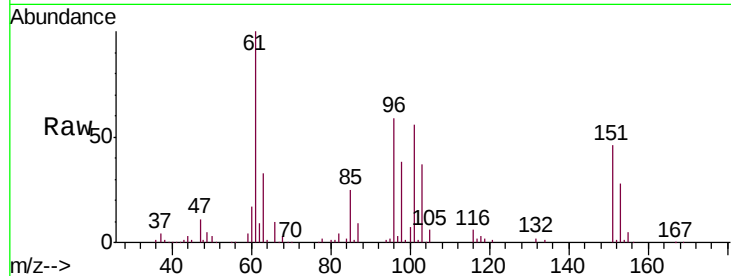
Tgt Ion:101 Resp: 38367

Ion Ratio Lower Upper

101 100

85 44.9 36.0 54.0

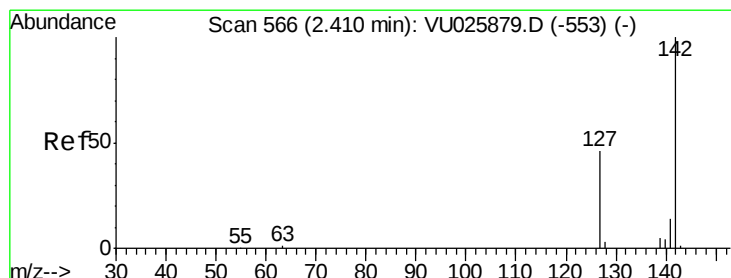
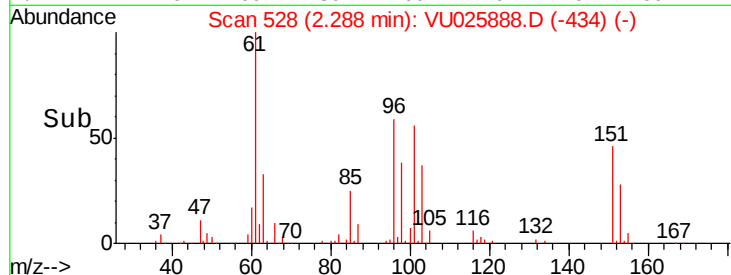
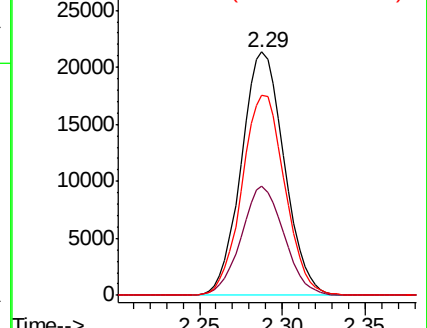
151 82.2 65.6 98.4



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VU0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 22.930 ug/l

RT: 2.41 min Scan# 567

Delta R.T. 0.00 min

Lab File: VU025888.D

Acq: 06 Aug 2018 16:07

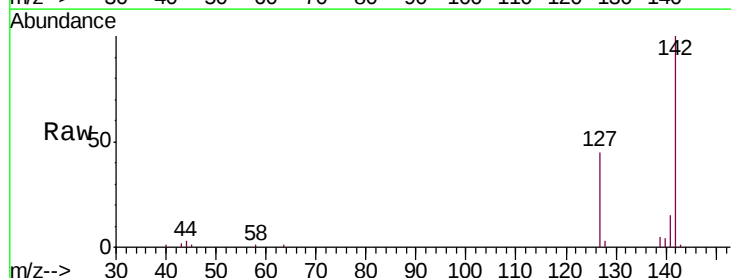
Tgt Ion:142 Resp: 30747

Ion Ratio Lower Upper

142 100

127 44.0 36.5 54.7

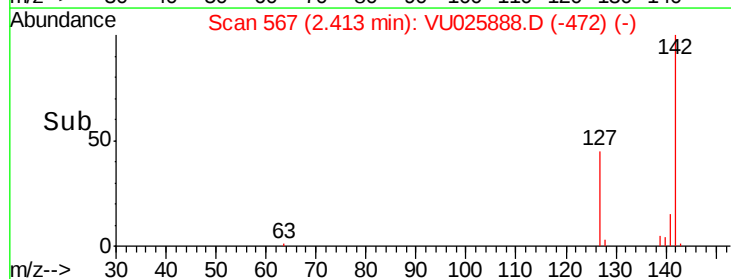
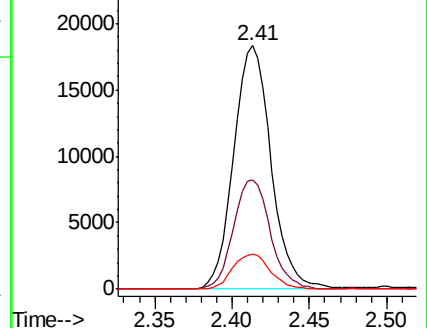
141 14.4 11.4 17.2

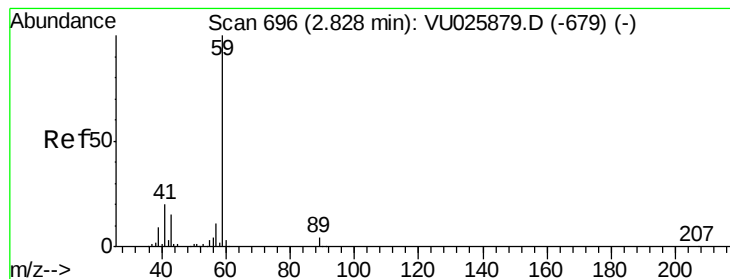


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 90.568 ug/l

RT: 2.83 min Scan# 696

Delta R.T. 0.00 min

Lab File: VU025888.D

Acq: 06 Aug 2018 16:07

Instrument :

MSVOA_U

ClientSampleId :

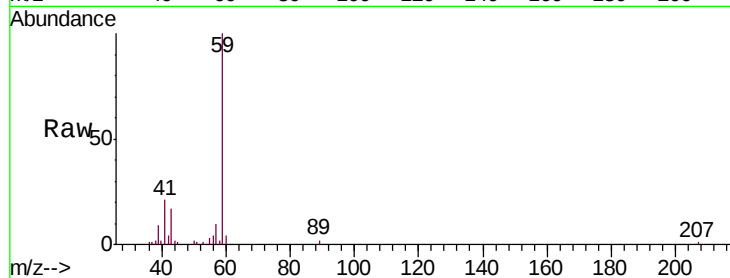
VU0806WBS01

Tgt Ion: 59 Resp: 51724

Ion Ratio Lower Upper

59 100

57 10.9 8.2 12.2



Abundance Ion 59.00 (58.70 to 59.70): VU0

Ion 57.00 (56.70 to 57.70): VU0

2.83

25000

20000

15000

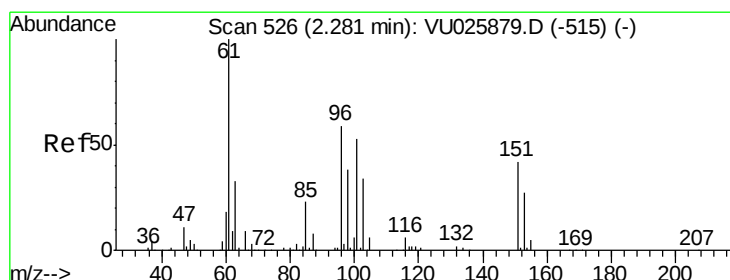
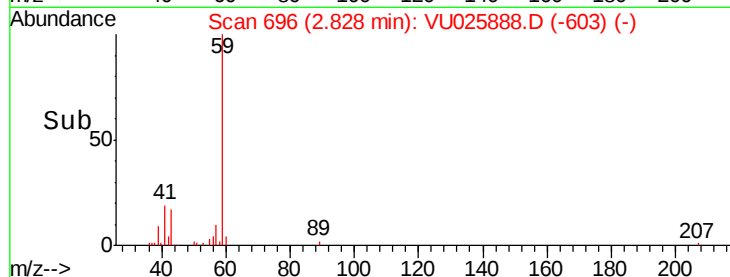
10000

5000

0

Time-->

2.75 2.80 2.85 2.90



#12

1,1-Dichloroethene

Concen: 20.258 ug/l

RT: 2.28 min Scan# 527

Delta R.T. 0.00 min

Lab File: VU025888.D

Acq: 06 Aug 2018 16:07

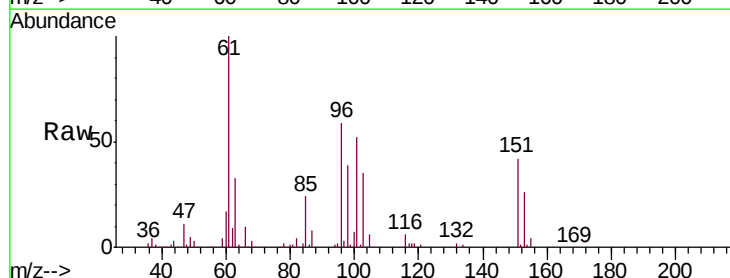
Tgt Ion: 96 Resp: 36416

Ion Ratio Lower Upper

96 100

61 170.1 140.2 210.4

98 66.6 49.3 73.9



Abundance Ion 95.90 (95.60 to 96.60): VU0

Ion 60.90 (60.60 to 61.60): VU0

Ion 97.90 (97.60 to 98.60): VU0

50000

40000

30000

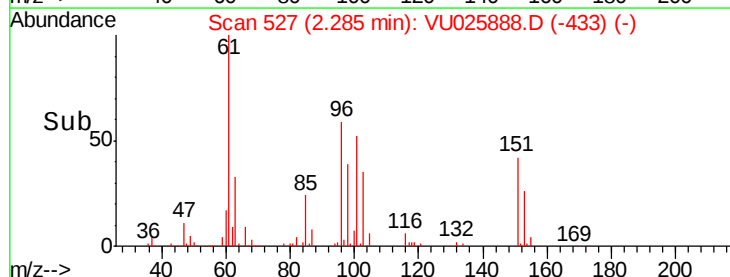
20000

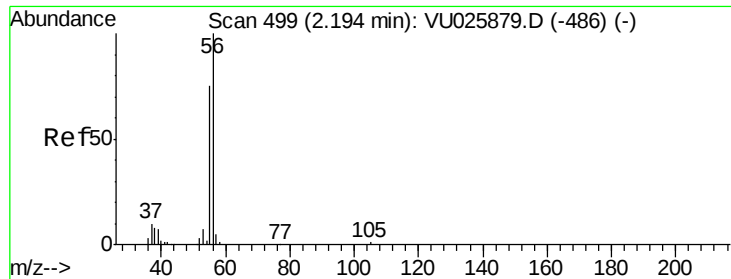
10000

0

Time-->

2.25 2.30 2.35





#13

Acrolein

Concen: 170.578 ug/l

RT: 2.20 min Scan# 500

Delta R.T. 0.00 min

Lab File: VU025888.D

Acq: 06 Aug 2018 16:07

Instrument :

MSVOA_U

ClientSampleId :

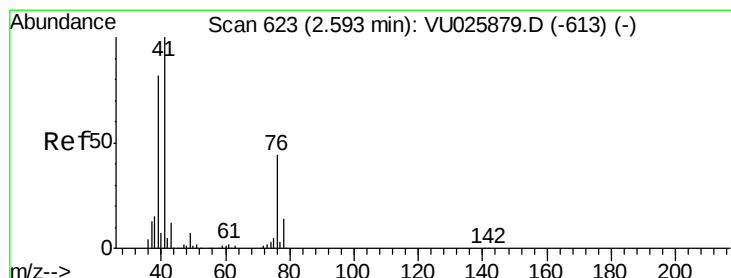
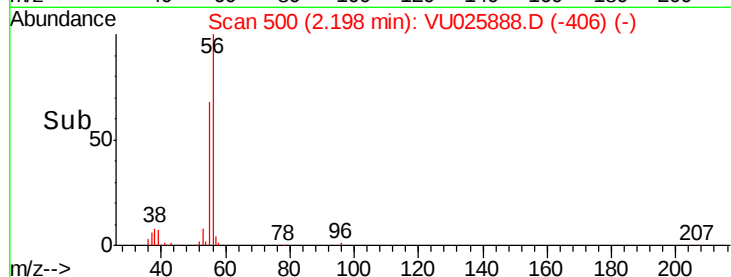
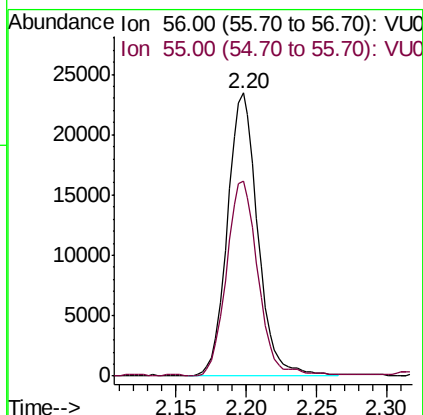
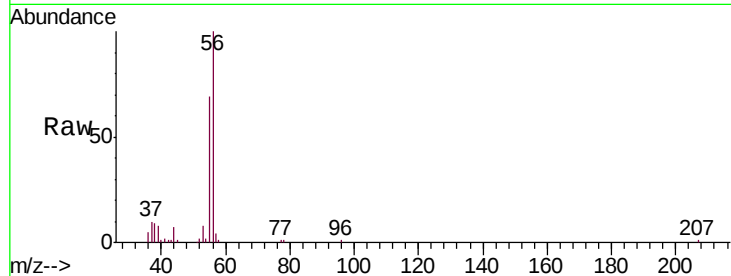
VU0806WBS01

Tgt Ion: 56 Resp: 35414

Ion Ratio Lower Upper

56 100

55 71.5 57.2 85.8



#14

Allyl chloride

Concen: 19.275 ug/l

RT: 2.60 min Scan# 624

Delta R.T. 0.00 min

Lab File: VU025888.D

Acq: 06 Aug 2018 16:07

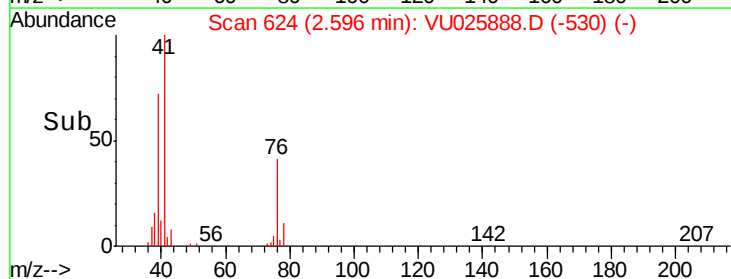
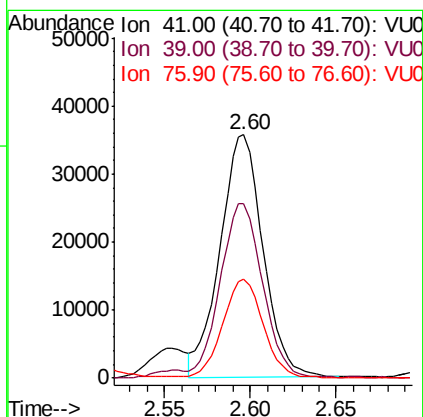
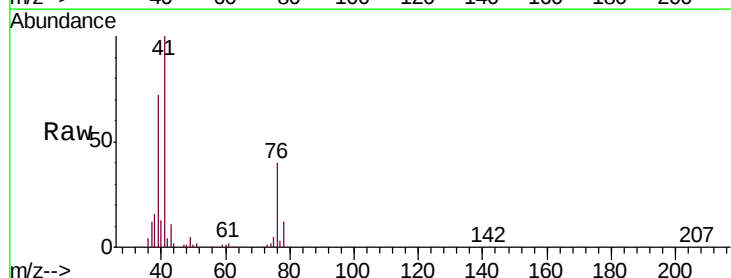
Tgt Ion: 41 Resp: 62266

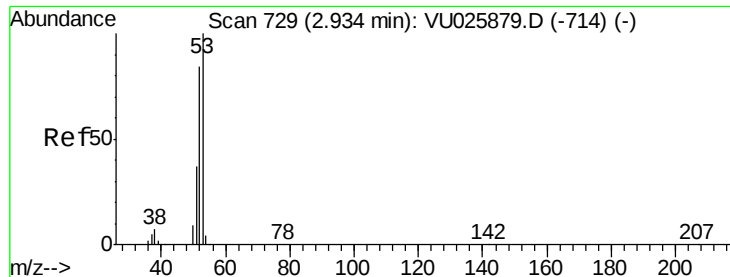
Ion Ratio Lower Upper

41 100

39 70.6 60.6 91.0

76 39.0 30.5 45.7





#15

Acrylonitrile

Concen: 104.615 ug/l

RT: 2.94 min Scan# 731

Delta R.T. 0.00 min

Lab File: VU025888.D

Acq: 06 Aug 2018 16:07

Instrument :

MSVOA_U

ClientSampleId :

VU0806WBS01

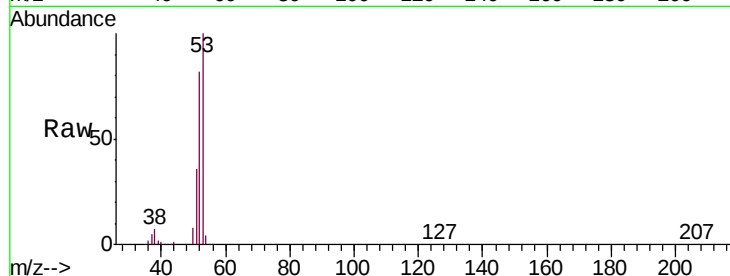
Tgt Ion: 53 Resp: 119289

Ion Ratio Lower Upper

53 100

52 83.2 66.6 99.8

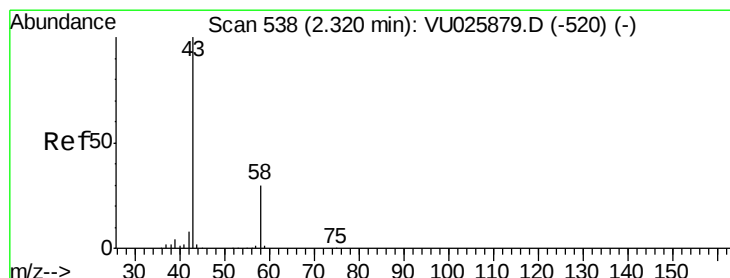
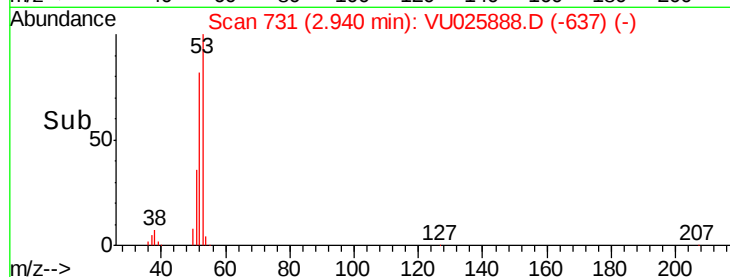
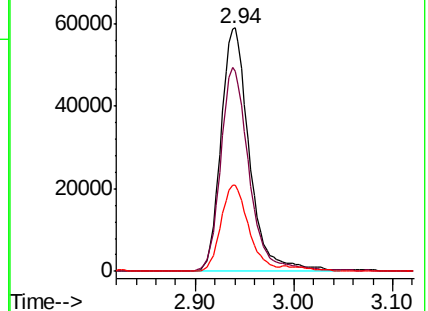
51 34.5 29.4 44.2



Abundance Ion 53.00 (52.70 to 53.70): VU0

Ion 52.00 (51.70 to 52.70): VU0

Ion 51.00 (50.70 to 51.70): VU0



#16

Acetone

Concen: 121.216 ug/l

RT: 2.32 min Scan# 539

Delta R.T. 0.00 min

Lab File: VU025888.D

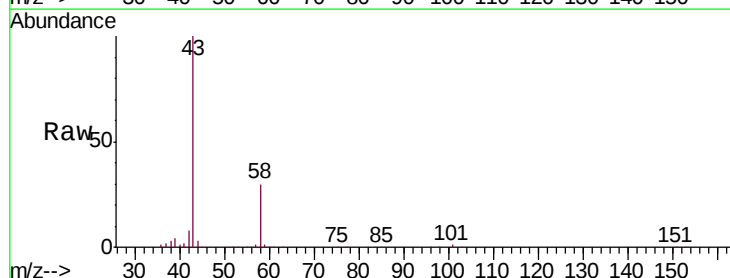
Acq: 06 Aug 2018 16:07

Tgt Ion: 43 Resp: 154159

Ion Ratio Lower Upper

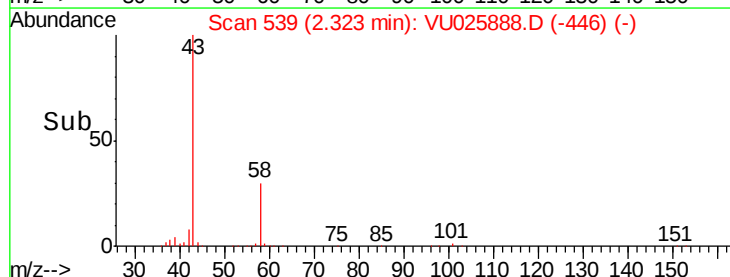
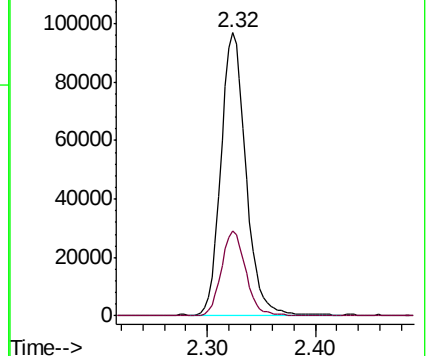
43 100

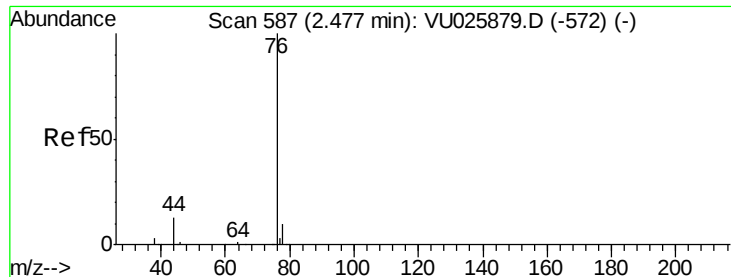
58 29.9 23.1 34.7



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

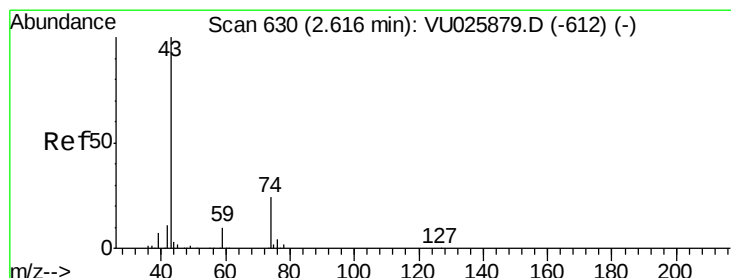
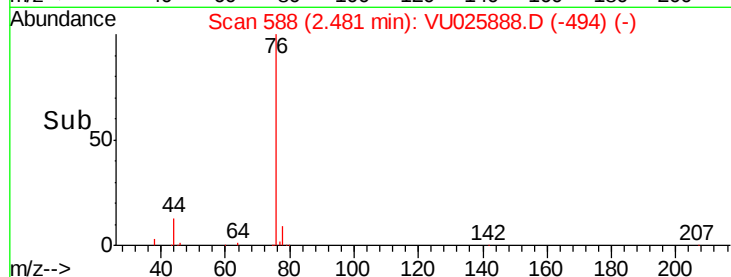
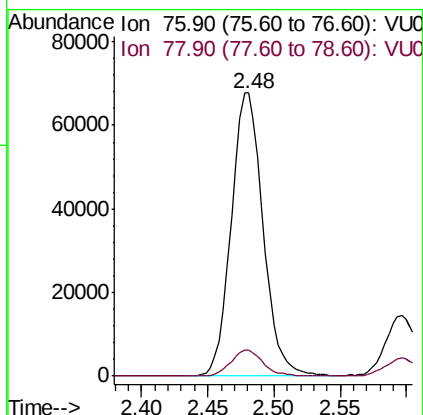
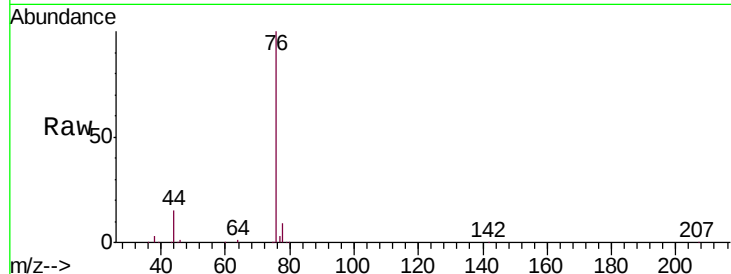




#17
Carbon Disulfide
Concen: 19.440 ug/l
RT: 2.48 min Scan# 588
Delta R.T. 0.00 min
Lab File: VU025888.D
Acq: 06 Aug 2018 16:07

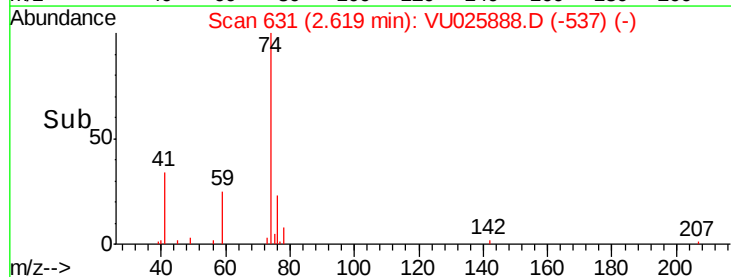
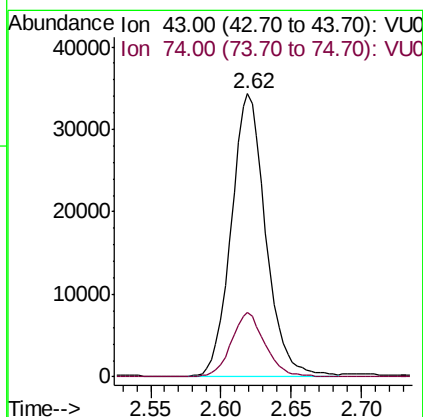
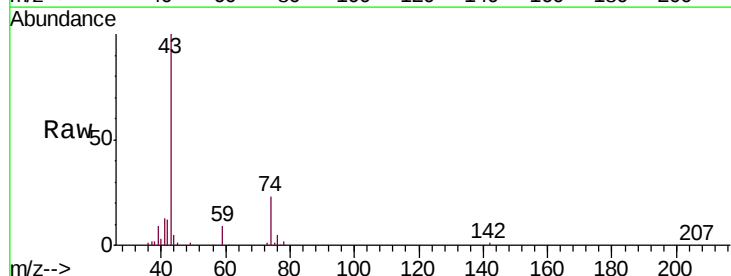
Instrument :
MSVOA_U
ClientSampleId :
VU0806WBS01

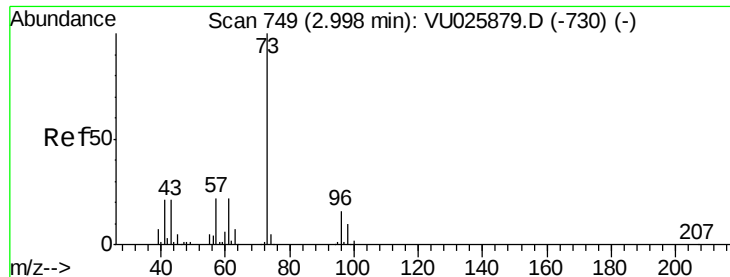
Tgt Ion: 76 Resp: 113094
Ion Ratio Lower Upper
76 100
78 9.1 7.4 11.2



#18
Methyl Acetate
Concen: 19.287 ug/l
RT: 2.62 min Scan# 631
Delta R.T. 0.00 min
Lab File: VU025888.D
Acq: 06 Aug 2018 16:07

Tgt Ion: 43 Resp: 59037
Ion Ratio Lower Upper
43 100
74 22.0 18.5 27.7

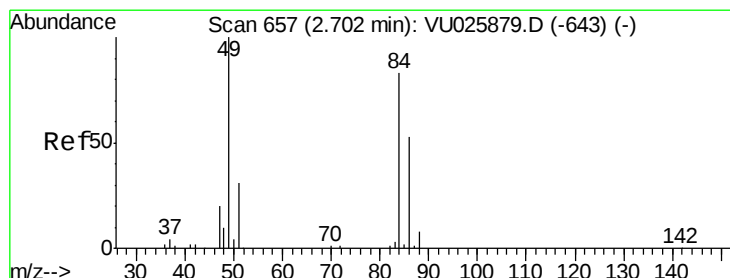
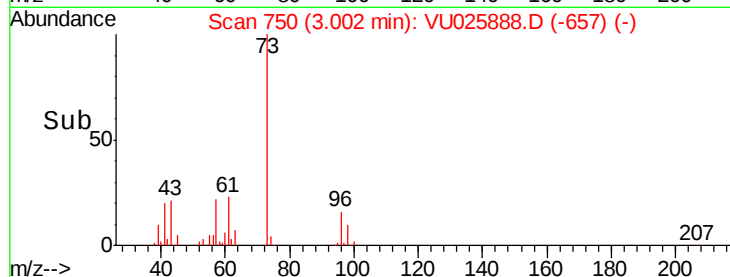
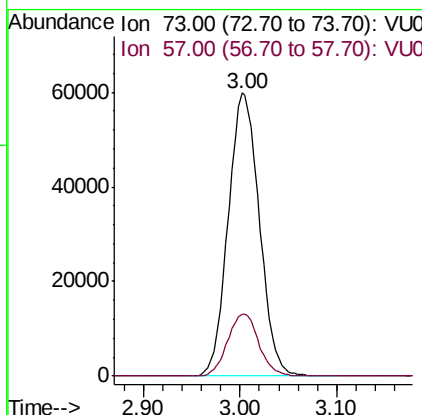
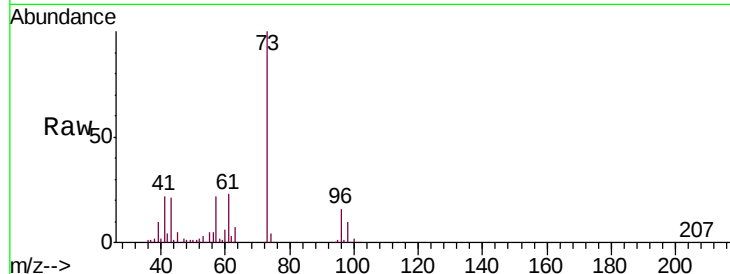




#19
Methyl tert-butyl Ether
Concen: 20.571 ug/l
RT: 3.00 min Scan# 750
Delta R.T. 0.00 min
Lab File: VU025888.D
Acq: 06 Aug 2018 16:07

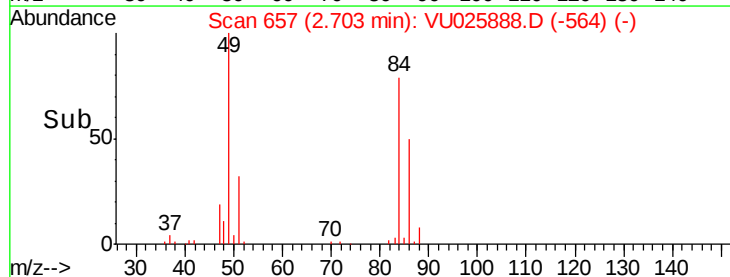
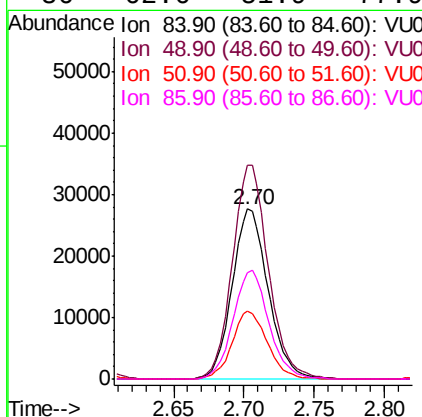
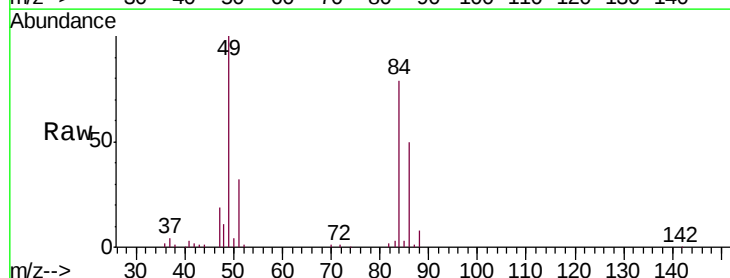
Instrument :
MSVOA_U
ClientSampleId :
VU0806WBS01

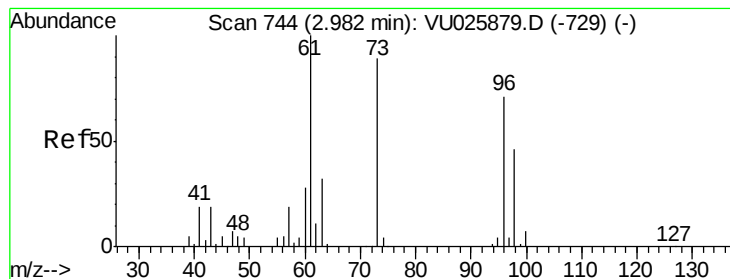
Tgt Ion: 73 Resp: 133999
Ion Ratio Lower Upper
73 100
57 21.7 17.4 26.2



#20
Methylene Chloride
Concen: 21.919 ug/l
RT: 2.70 min Scan# 657
Delta R.T. 0.00 min
Lab File: VU025888.D
Acq: 06 Aug 2018 16:07

Tgt Ion: 84 Resp: 49403
Ion Ratio Lower Upper
84 100
49 125.9 101.8 152.6
51 40.1 30.8 46.2
86 62.6 51.9 77.9





#21

trans-1,2-Dichloroethene

Concen: 19.847 ug/l

RT: 2.99 min Scan# 745

Delta R.T. 0.00 min

Lab File: VU025888.D

Acq: 06 Aug 2018 16:07

Instrument :

MSVOA_U

ClientSampleId :

VU0806WBS01

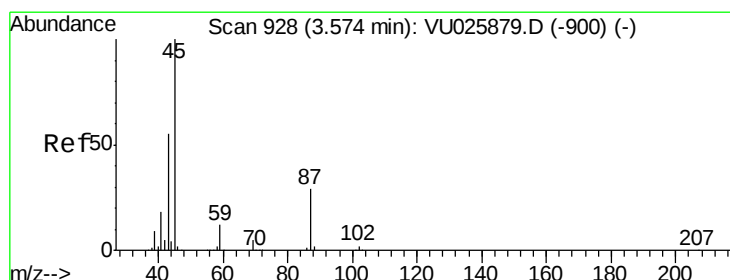
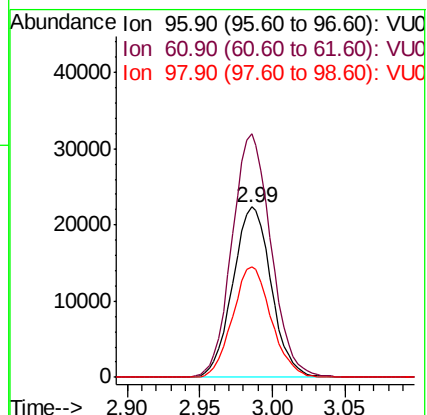
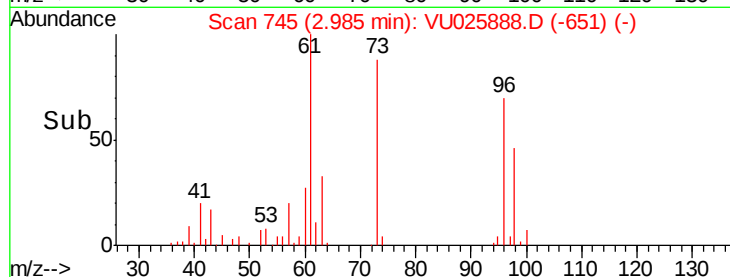
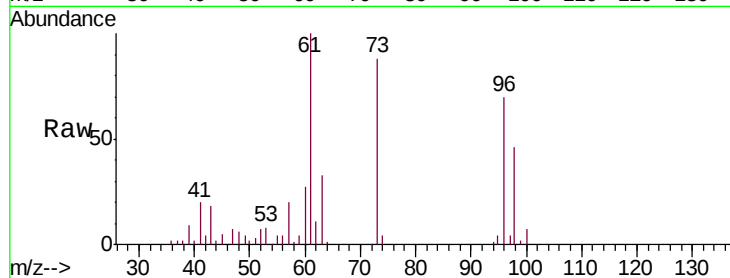
Tgt Ion: 96 Resp: 41242

Ion Ratio Lower Upper

96 100

61 142.9 114.5 171.7

98 65.1 50.5 75.7



#22

Diisopropyl ether

Concen: 20.621 ug/l

RT: 3.58 min Scan# 929

Delta R.T. 0.00 min

Lab File: VU025888.D

Acq: 06 Aug 2018 16:07

Tgt Ion: 45 Resp: 131267

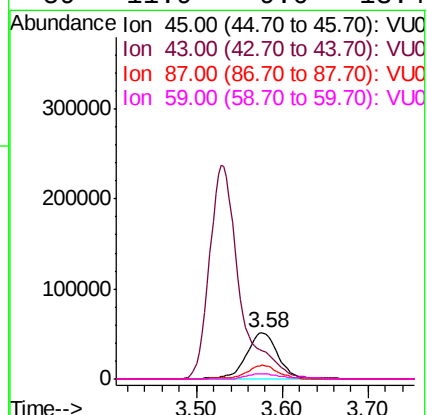
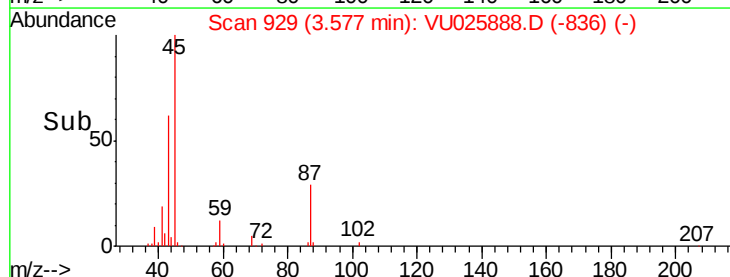
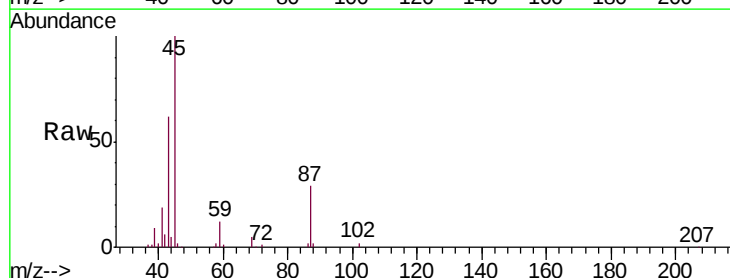
Ion Ratio Lower Upper

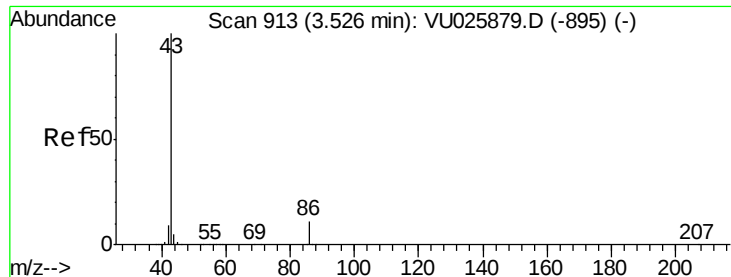
45 100

43 60.5 50.9 76.3

87 29.2 23.8 35.8

59 11.9 9.0 13.4





#23

Vinyl Acetate

Concen: 104.956 ug/l

RT: 3.53 min Scan# 914

Delta R.T. 0.00 min

Lab File: VU025888.D

Acq: 06 Aug 2018 16:07

Instrument :

MSVOA_U

ClientSampled :

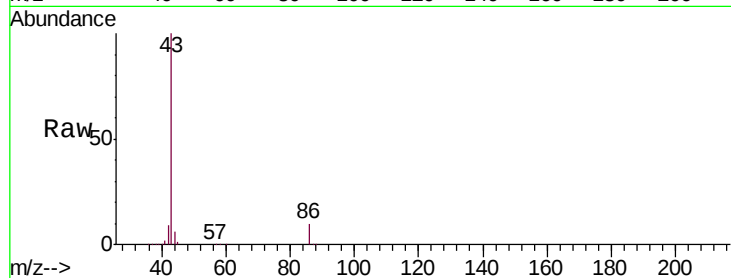
VU0806WBS01

Tgt Ion: 43 Resp: 582259

Ion Ratio Lower Upper

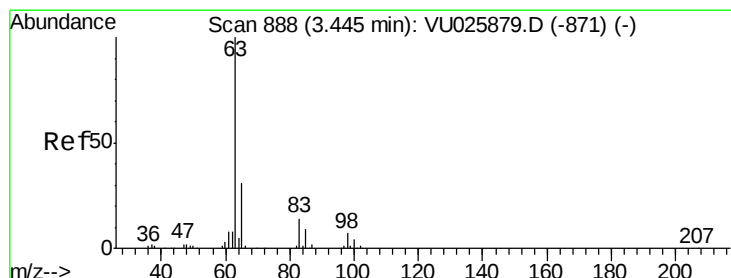
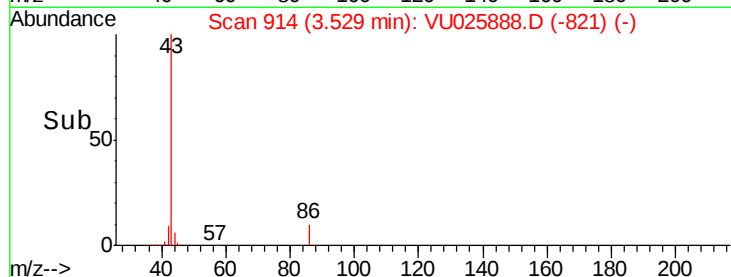
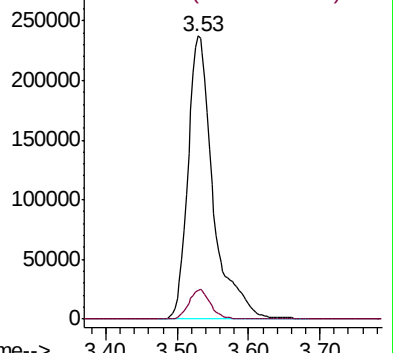
43 100

86 10.3 8.2 12.2



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 86.00 (85.70 to 86.70): VU0



#24

1,1-Dichloroethane

Concen: 20.673 ug/l

RT: 3.45 min Scan# 890

Delta R.T. 0.00 min

Lab File: VU025888.D

Acq: 06 Aug 2018 16:07

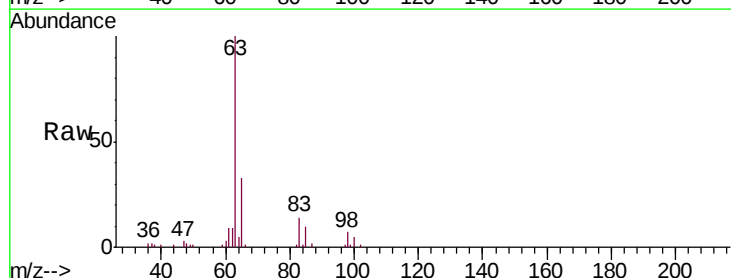
Tgt Ion: 63 Resp: 78995

Ion Ratio Lower Upper

63 100

98 6.6 3.4 10.1

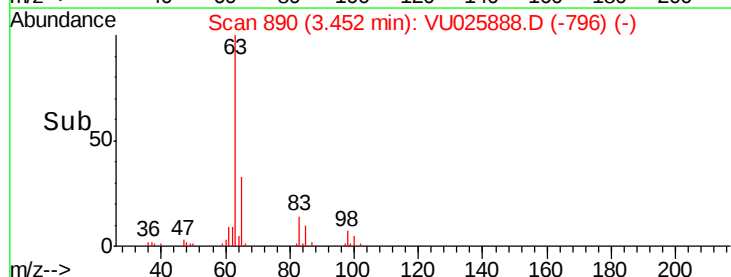
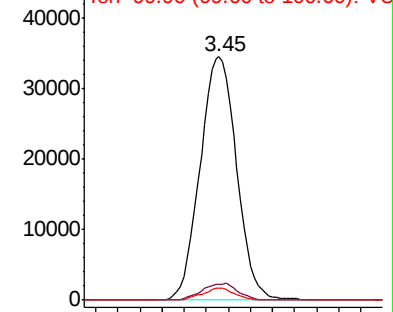
100 5.1 2.0 6.0

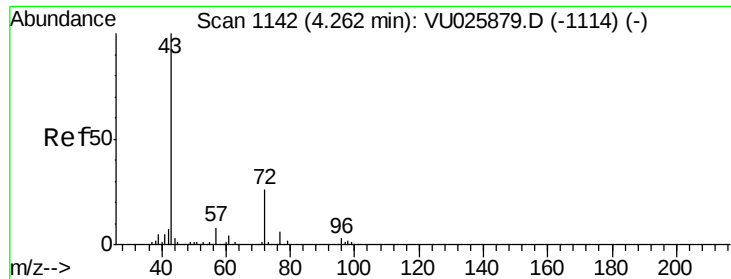


Abundance Ion 62.90 (62.60 to 63.60): VU0

Ion 97.90 (97.60 to 98.60): VU0

Ion 99.90 (99.60 to 100.60): VU0

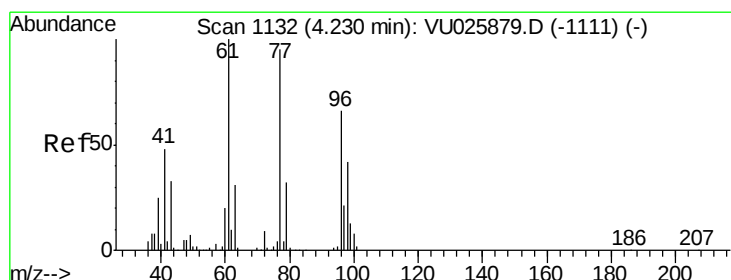
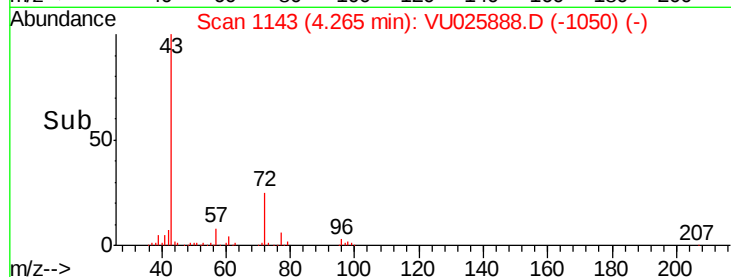
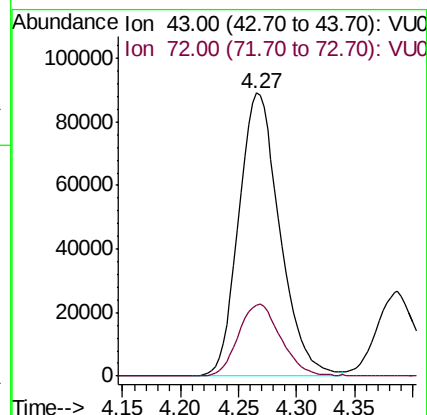
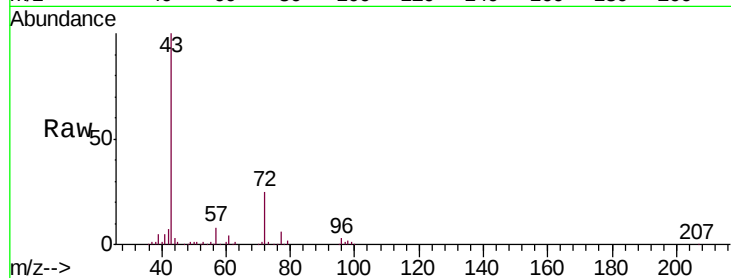




#25
2-Butanone
Concen: 126.285 ug/l
RT: 4.27 min Scan# 1143
Delta R.T. 0.00 min
Lab File: VU025888.D
Acq: 06 Aug 2018 16:07

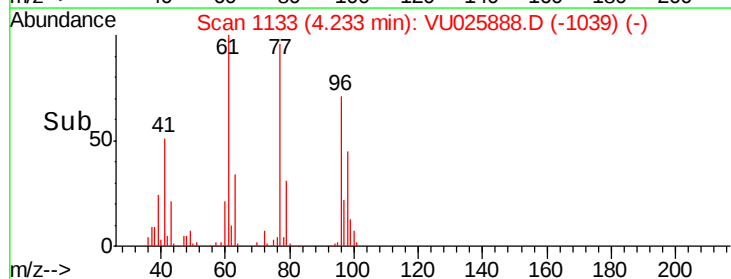
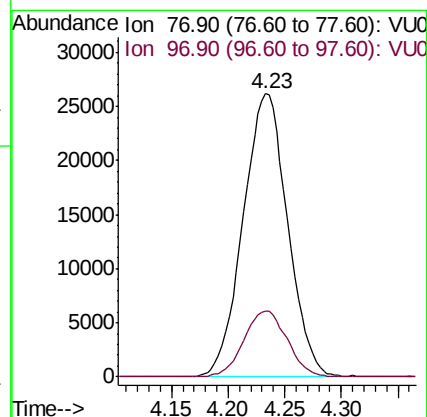
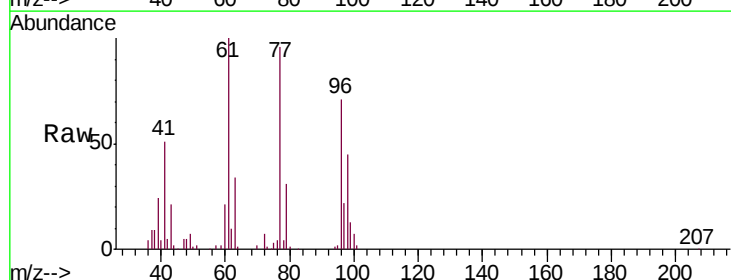
Instrument :
MSVOA_U
ClientSampleId :
VU0806WBS01

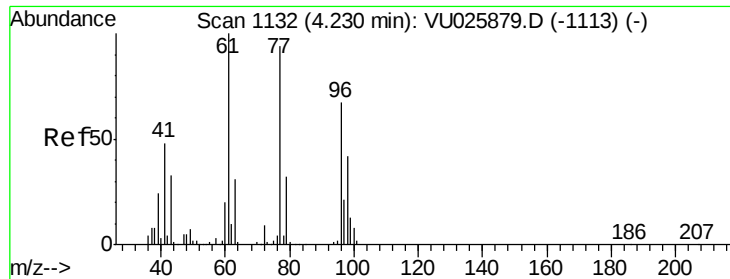
Tgt Ion: 43 Resp: 218628
Ion Ratio Lower Upper
43 100
72 25.2 21.0 31.4



#26
2,2-Dichloropropane
Concen: 20.583 ug/l
RT: 4.23 min Scan# 1133
Delta R.T. 0.00 min
Lab File: VU025888.D
Acq: 06 Aug 2018 16:07

Tgt Ion: 77 Resp: 71489
Ion Ratio Lower Upper
77 100
97 22.6 11.2 33.5





#27

cis-1,2-Dichloroethene

Concen: 20.164 ug/l

RT: 4.23 min Scan# 1133

Delta R.T. 0.00 min

Lab File: VU025888.D

Acq: 06 Aug 2018 16:07

Instrument :

MSVOA_U

ClientSampleId :

VU0806WBS01

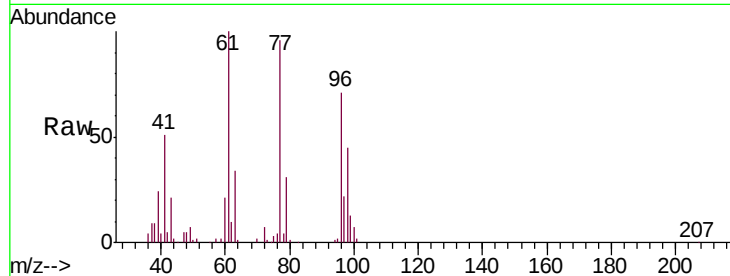
Tgt Ion: 96 Resp: 47241

Ion Ratio Lower Upper

96 100

61 148.0 0.0 299.8

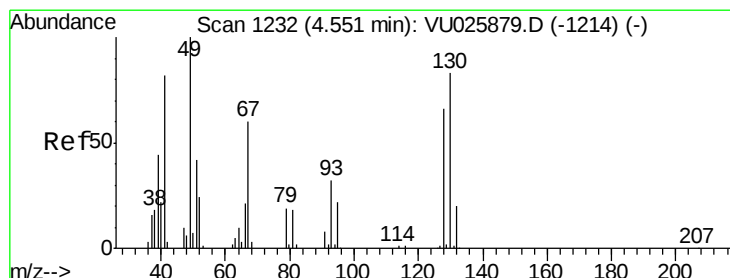
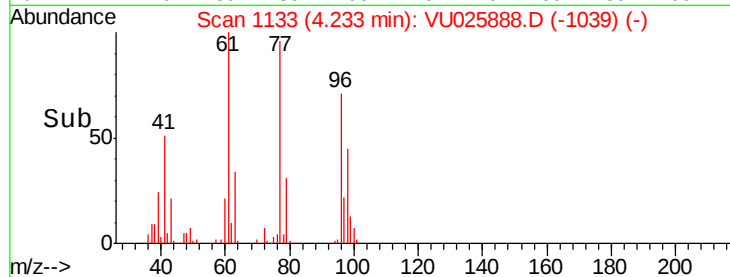
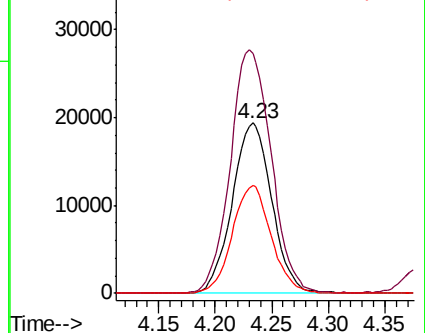
98 62.0 0.0 128.6



Abundance Ion 95.90 (95.60 to 96.60): VU0

Ion 60.90 (60.60 to 61.60): VU0

Ion 97.90 (97.60 to 98.60): VU0



#28

Bromochloromethane

Concen: 18.251 ug/l

RT: 4.55 min Scan# 1233

Delta R.T. 0.00 min

Lab File: VU025888.D

Acq: 06 Aug 2018 16:07

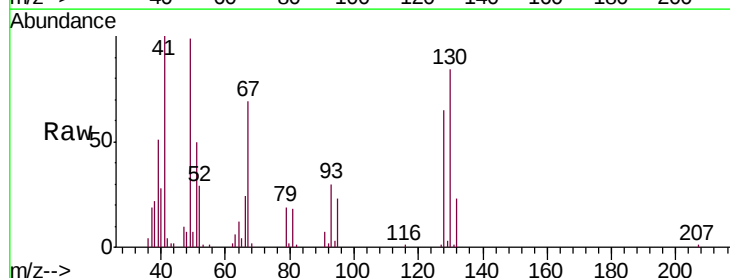
Tgt Ion: 49 Resp: 31183

Ion Ratio Lower Upper

49 100

129 2.4 0.0 4.6

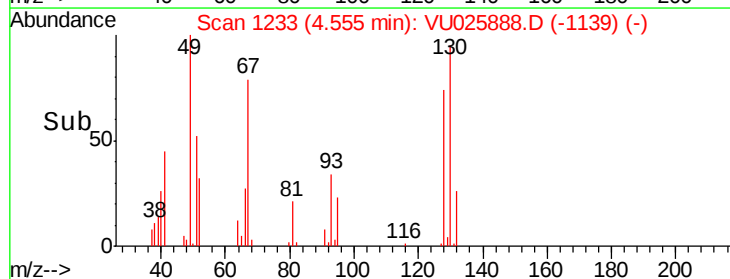
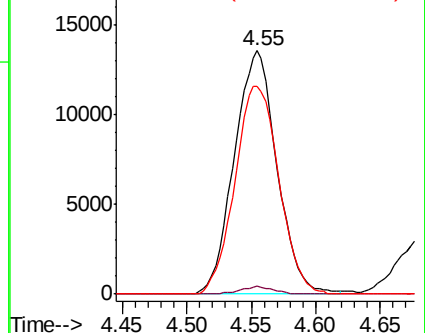
130 88.4 68.6 102.8

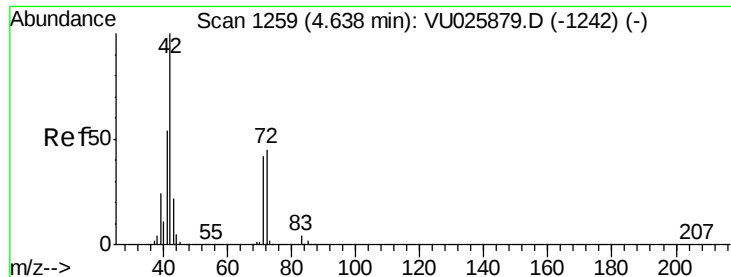


Abundance Ion 48.90 (48.60 to 49.60): VU0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

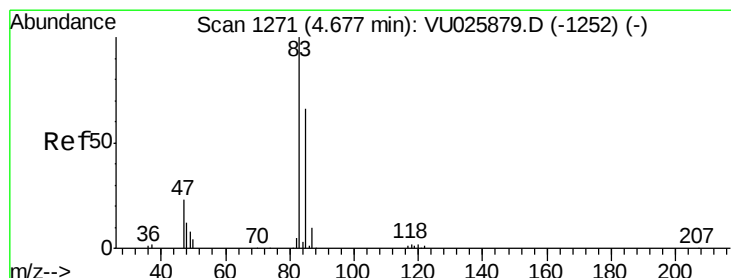
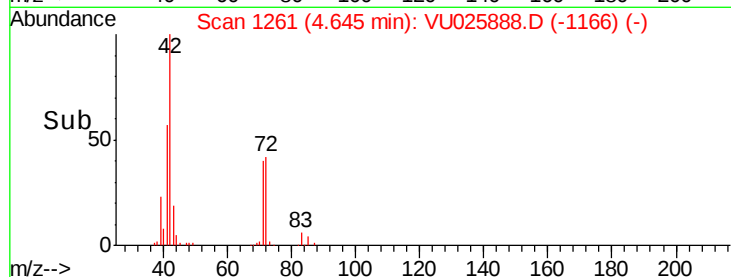
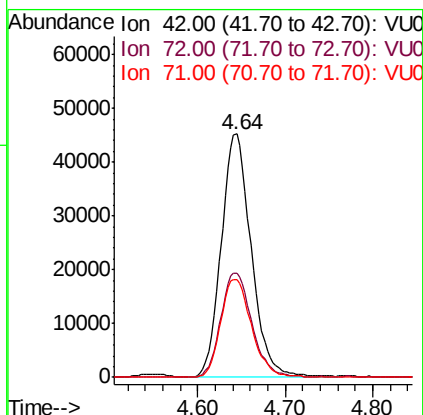
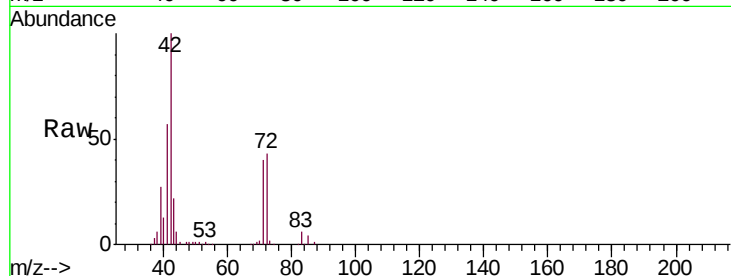




#29
Tetrahydrofuran
Concen: 104.097 ug/l
RT: 4.64 min Scan# 1261
Delta R.T. 0.01 min
Lab File: VU025888.D
Acq: 06 Aug 2018 16:07

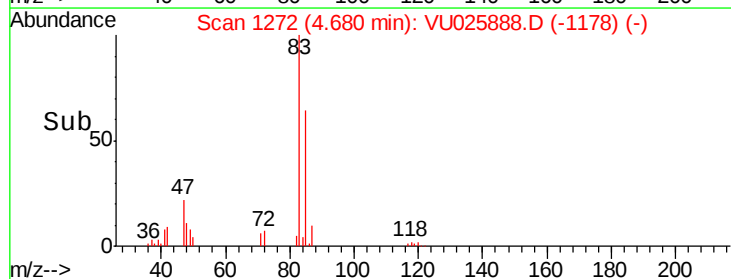
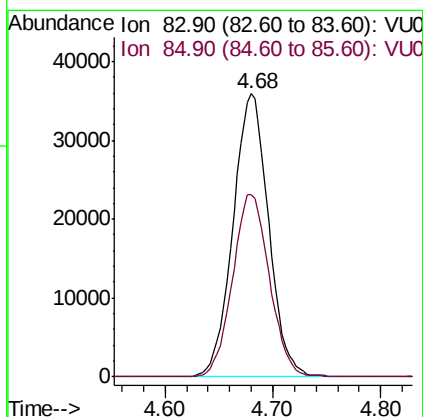
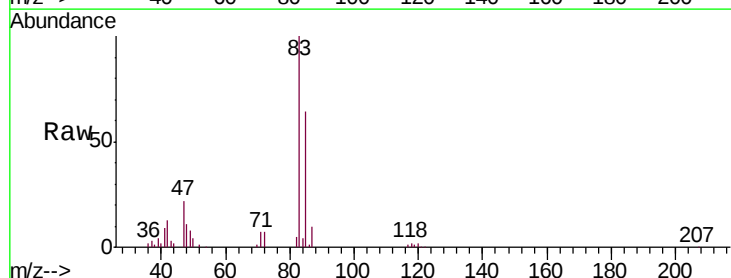
Instrument :
MSVOA_U
ClientSampleId :
VU0806WBS01

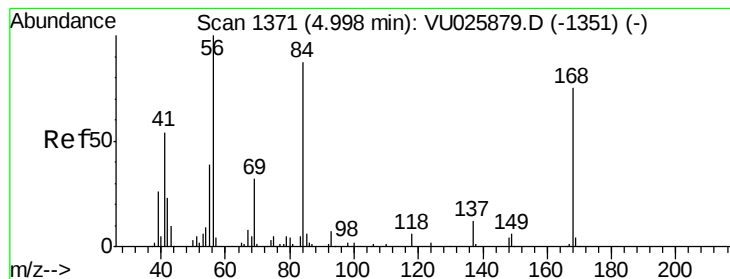
Tgt Ion: 42 Resp: 107970
Ion Ratio Lower Upper
42 100
72 44.4 36.7 55.1
71 41.4 33.9 50.9



#30
Chloroform
Concen: 20.413 ug/l
RT: 4.68 min Scan# 1272
Delta R.T. 0.00 min
Lab File: VU025888.D
Acq: 06 Aug 2018 16:07

Tgt Ion: 83 Resp: 82335
Ion Ratio Lower Upper
83 100
85 64.3 51.5 77.3





#31

Cyclohexane

Concen: 19.724 ug/l

RT: 5.00 min Scan# 1372

Delta R.T. 0.00 min

Lab File: VU025888.D

Acq: 06 Aug 2018 16:07

Instrument :

MSVOA_U

ClientSampleId :

VU0806WBS01

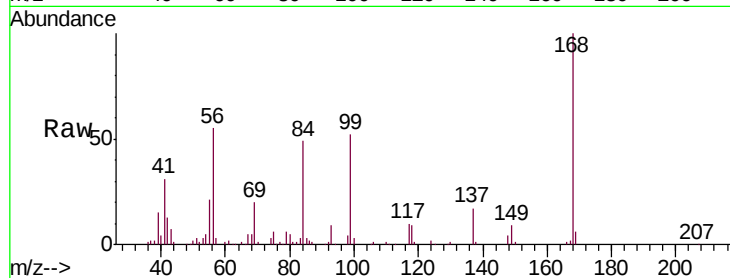
Tgt Ion: 56 Resp: 68287

Ion Ratio Lower Upper

56 100

69 36.5 26.8 40.2

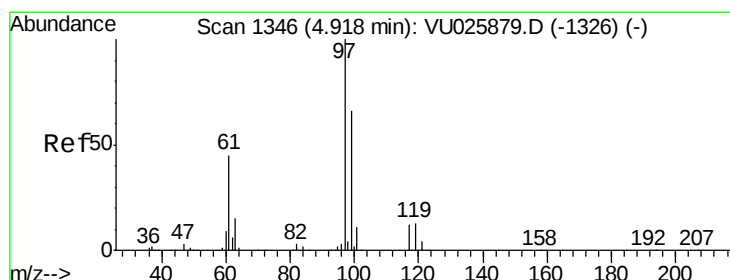
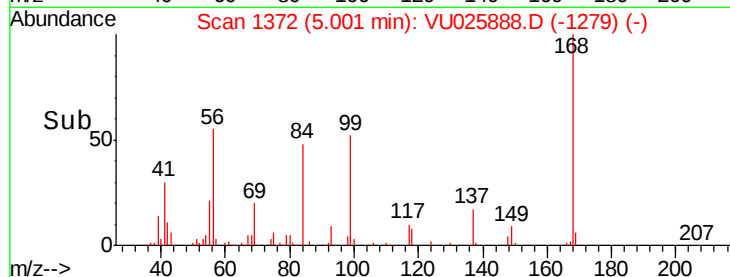
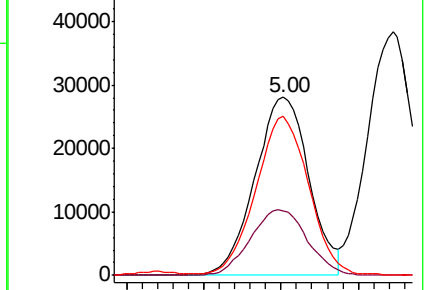
84 88.2 69.7 104.5



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: 20.546 ug/l

RT: 4.92 min Scan# 1347

Delta R.T. 0.00 min

Lab File: VU025888.D

Acq: 06 Aug 2018 16:07

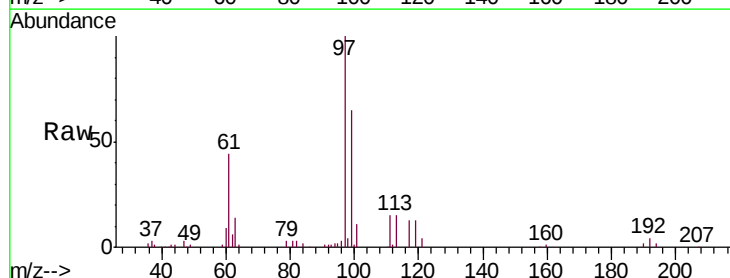
Tgt Ion: 97 Resp: 74612

Ion Ratio Lower Upper

97 100

99 64.3 50.8 76.2

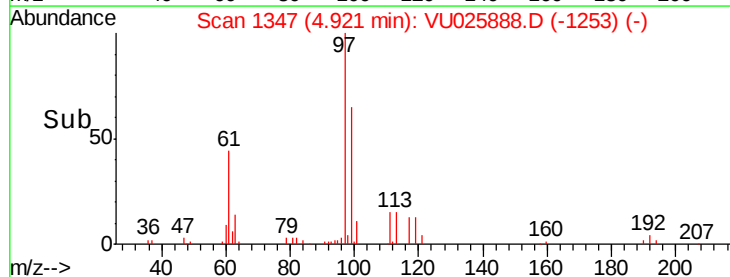
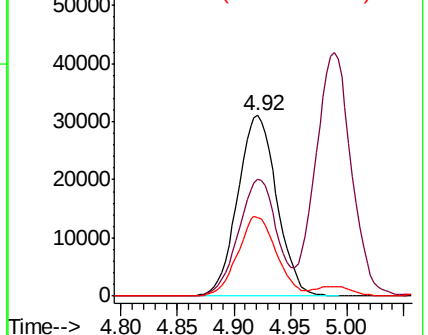
61 43.6 35.2 52.8

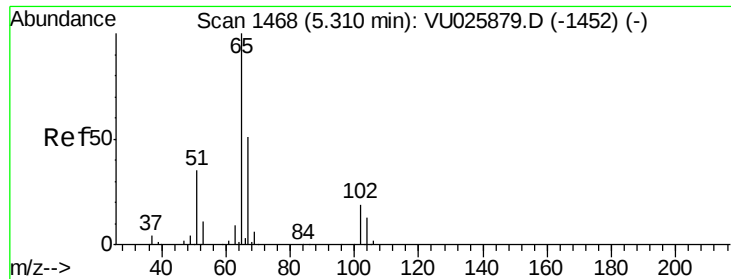


Abundance Ion 96.90 (96.60 to 97.60): VU0

Ion 98.90 (98.60 to 99.60): VU0

Ion 60.90 (60.60 to 61.60): VU0

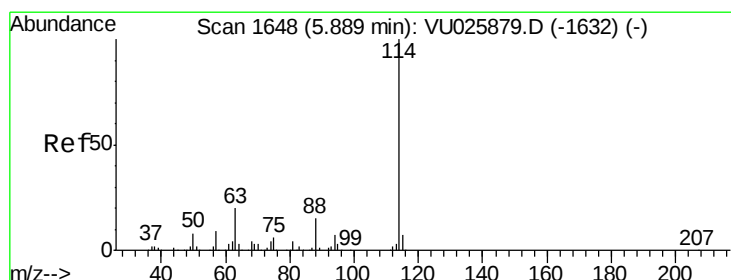
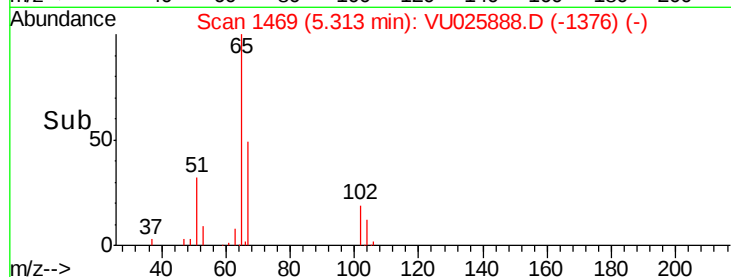
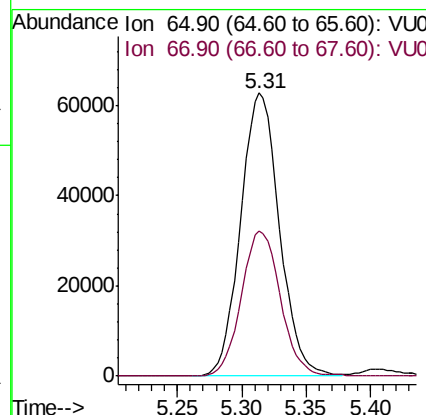
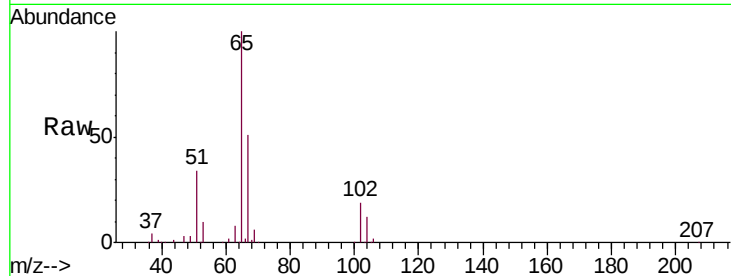




#33
 1,2-Dichloroethane-d4
 Concen: 50.397 ug/l
 RT: 5.31 min Scan# 1469
 Delta R.T. 0.00 min
 Lab File: VU025888.D
 Acq: 06 Aug 2018 16:07

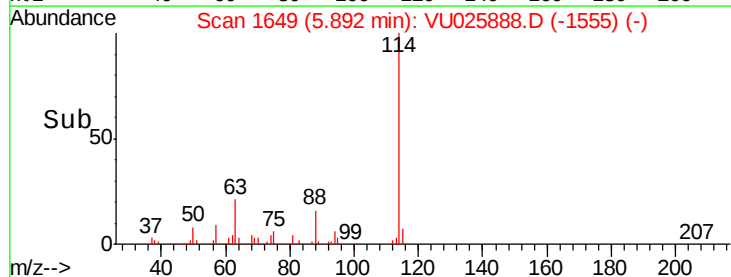
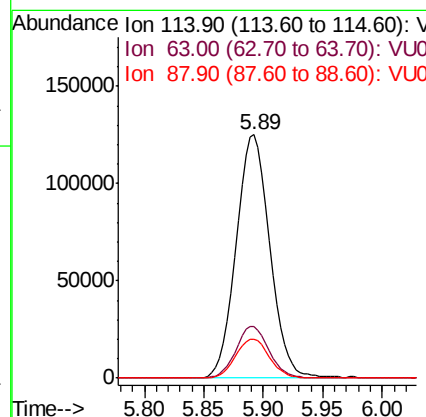
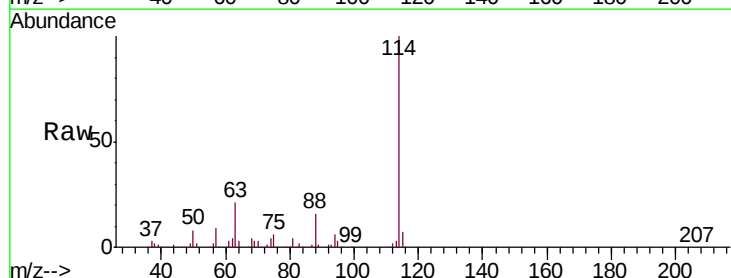
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0806WBS01

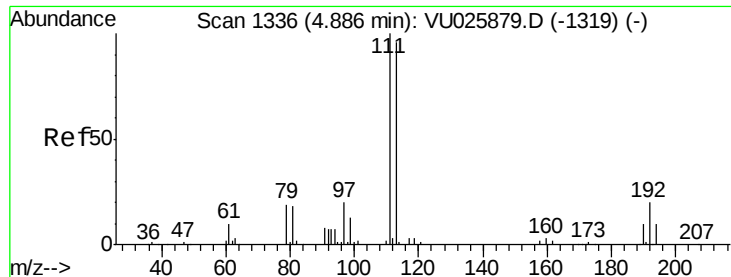
Tgt Ion: 65 Resp: 131463
 Ion Ratio Lower Upper
 65 100
 67 51.7 0.0 103.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1649
 Delta R.T. 0.00 min
 Lab File: VU025888.D
 Acq: 06 Aug 2018 16:07

Tgt Ion: 114 Resp: 245779
 Ion Ratio Lower Upper
 114 100
 63 21.2 0.0 41.6
 88 16.1 0.0 32.4

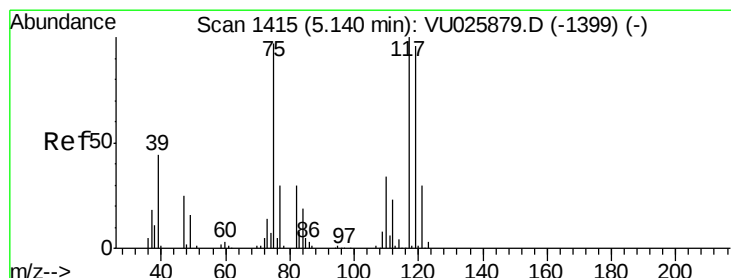
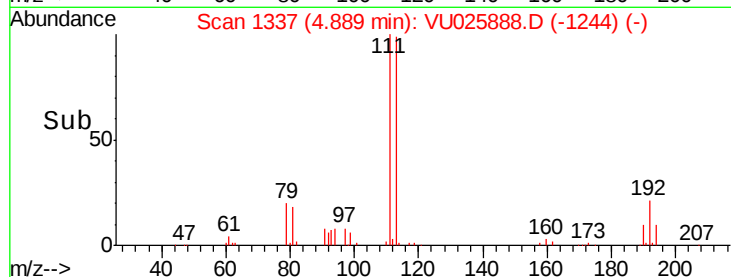
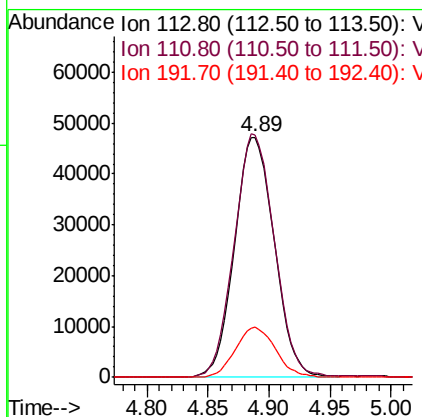
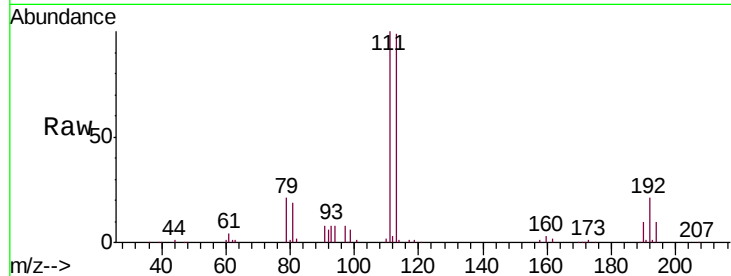




#35
 Dibromofluoromethane
 Concen: 49.912 ug/l
 RT: 4.89 min Scan# 1337
 Delta R.T. 0.00 min
 Lab File: VU025888.D
 Acq: 06 Aug 2018 16:07

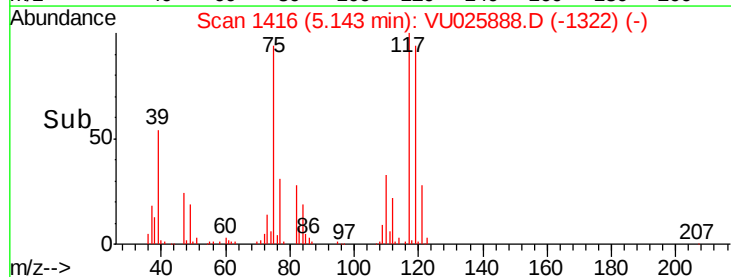
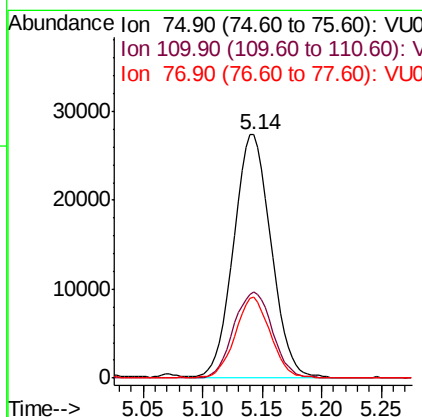
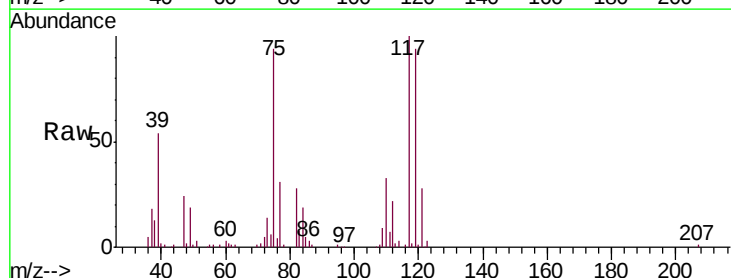
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0806WBS01

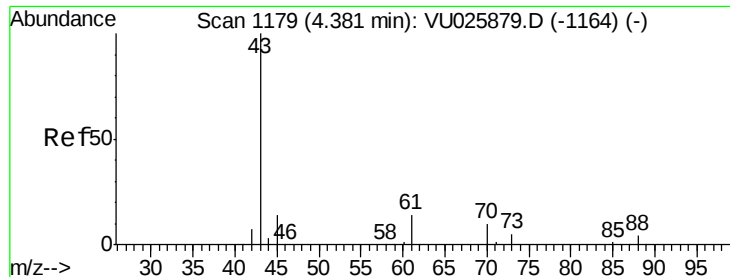
Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.5	81.7	122.5
192	21.0	17.1	25.7



#36
 1,1-Dichloropropene
 Concen: 20.900 ug/l
 RT: 5.14 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VU025888.D
 Acq: 06 Aug 2018 16:07

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.2	17.6	52.9
77	31.1	24.4	36.6

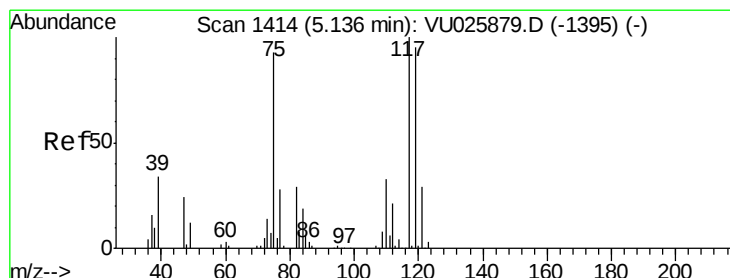
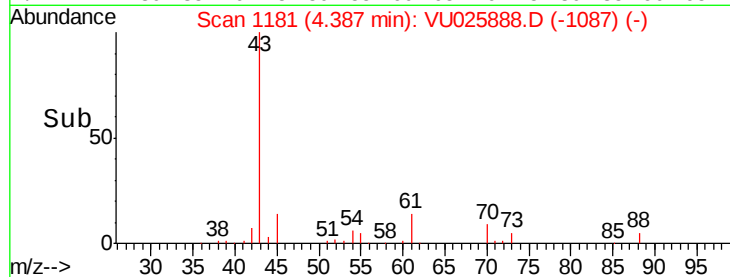
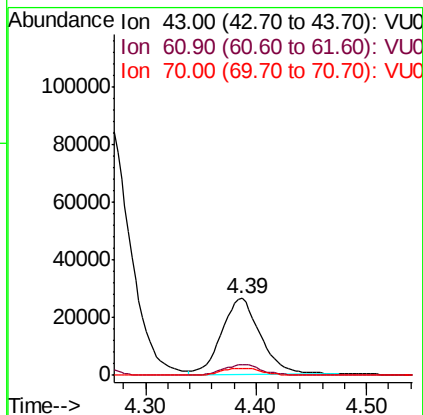
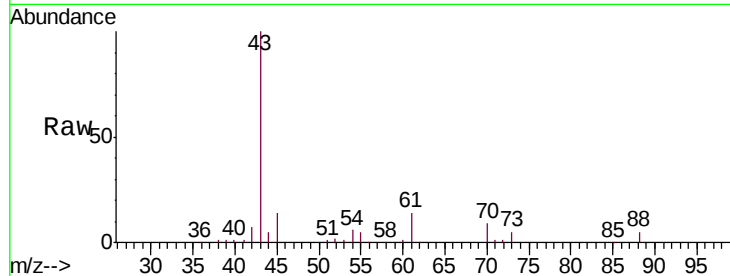




#37
 Ethyl Acetate
 Concen: 21.492 ug/l
 RT: 4.39 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VU025888.D
 Acq: 06 Aug 2018 16:07

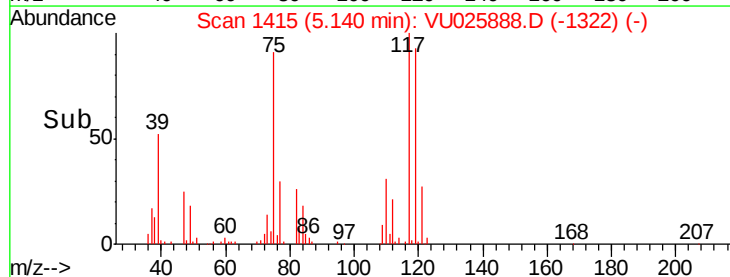
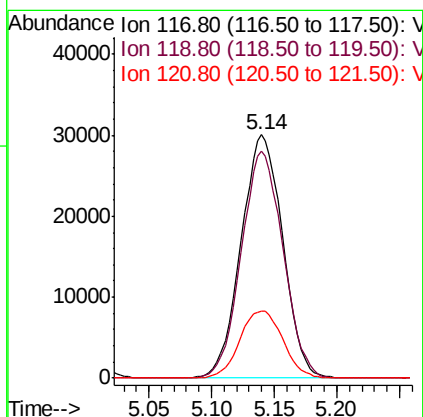
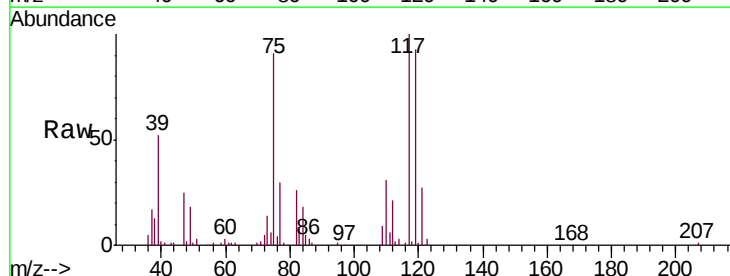
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0806WBS01

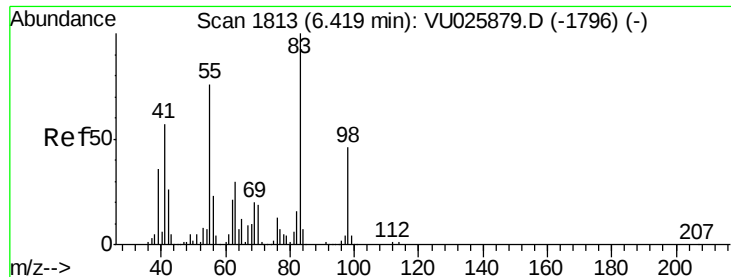
Tgt Ion: 43 Resp: 64010
 Ion Ratio Lower Upper
 43 100
 61 14.1 10.7 16.1
 70 10.2 8.4 12.6



#38
 Carbon Tetrachloride
 Concen: 21.328 ug/l
 RT: 5.14 min Scan# 1415
 Delta R.T. 0.00 min
 Lab File: VU025888.D
 Acq: 06 Aug 2018 16:07

Tgt Ion: 117 Resp: 69387
 Ion Ratio Lower Upper
 117 100
 119 93.2 75.7 113.5
 121 27.4 24.6 36.8

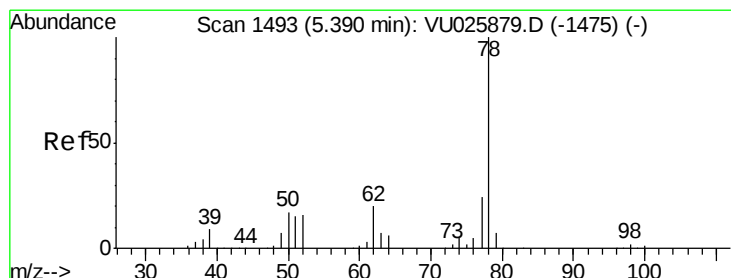
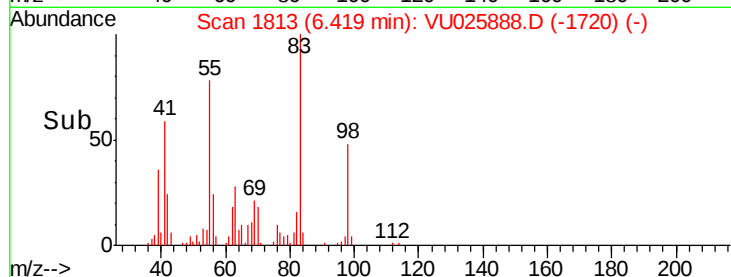
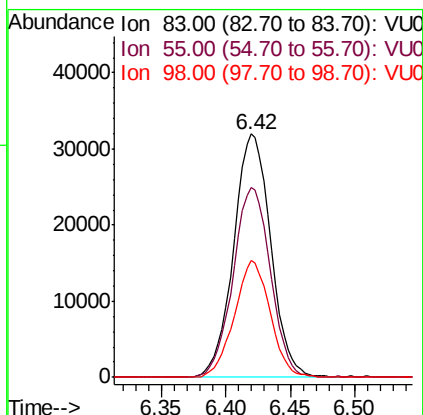
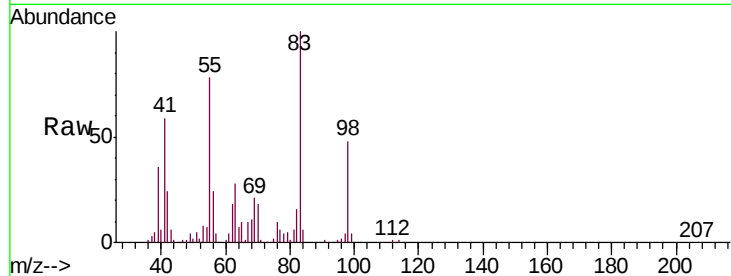




#39
Methylcyclohexane
Concen: 19.460 ug/l
RT: 6.42 min Scan# 1813
Delta R.T. 0.00 min
Lab File: VU025888.D
Acq: 06 Aug 2018 16:07

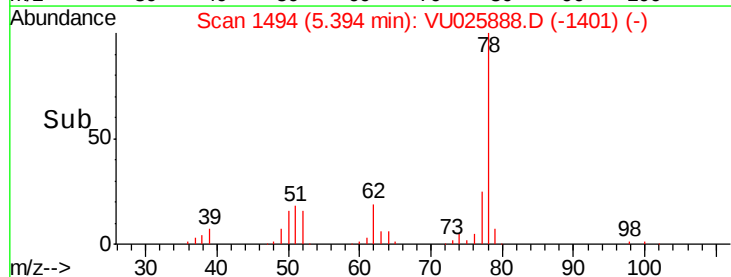
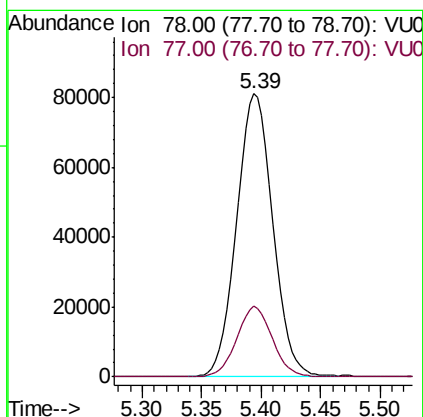
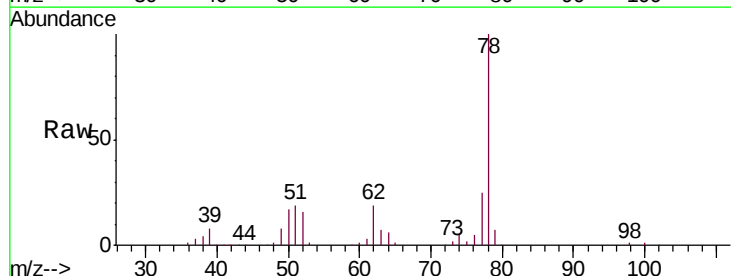
Instrument :
MSVOA_U
ClientSampleId :
VU0806WBS01

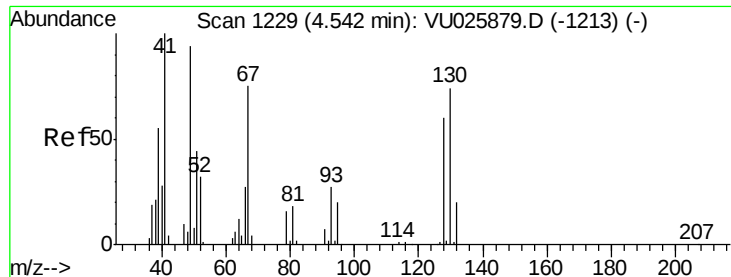
Tgt Ion: 83 Resp: 64045
Ion Ratio Lower Upper
83 100
55 77.8 60.0 90.0
98 48.2 36.1 54.1



#40
Benzene
Concen: 20.375 ug/l
RT: 5.39 min Scan# 1494
Delta R.T. 0.00 min
Lab File: VU025888.D
Acq: 06 Aug 2018 16:07

Tgt Ion: 78 Resp: 171071
Ion Ratio Lower Upper
78 100
77 24.9 19.8 29.6

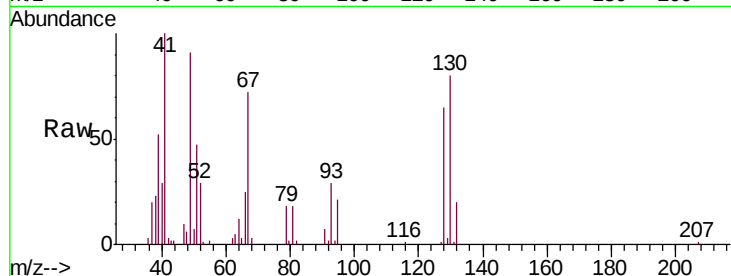




#41
Methacrylonitrile
Concen: 21.016 ug/l
RT: 4.55 min Scan# 1232
Delta R.T. 0.01 min
Lab File: VU025888.D
Acq: 06 Aug 2018 16:07

Instrument :
MSVOA_U
ClientSampleId :
VU0806WBS01

Tgt Ion:	41	Resp:	34766
Ion	Ratio	Lower	Upper
41	100		
39	53.2	44.4	66.6
67	72.2	56.0	84.0
52	30.3	24.6	36.8



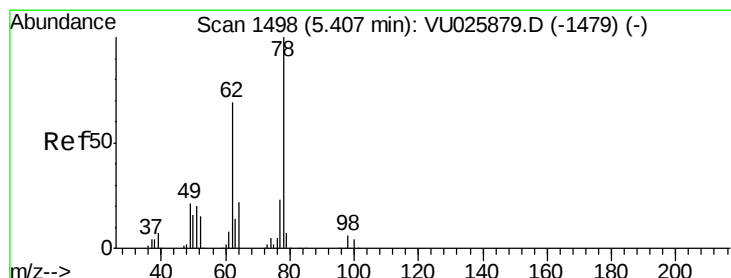
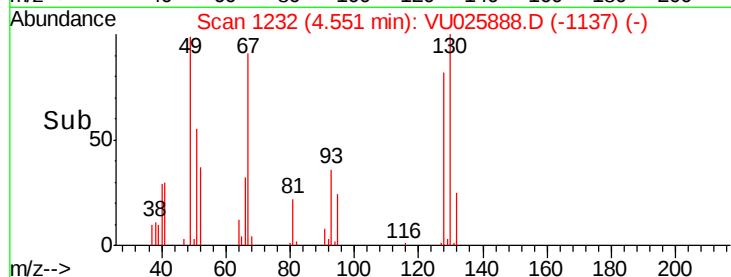
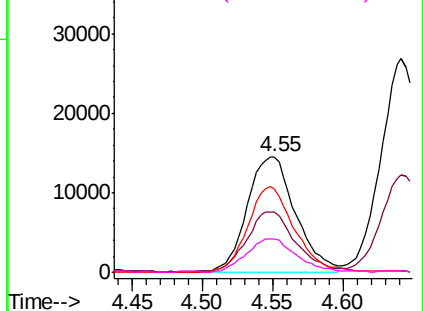
Abundance

Ion 41.00 (40.70 to 41.70): VU0

Ion 39.00 (38.70 to 39.70): VU0

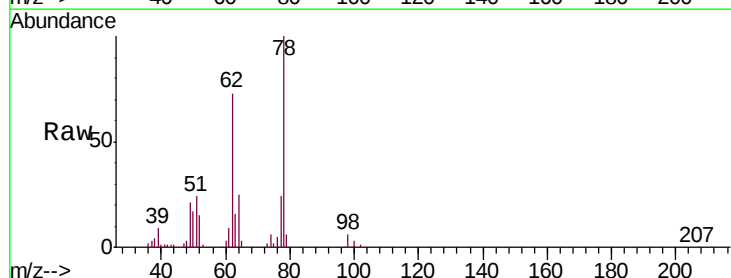
Ion 67.00 (66.70 to 67.70): VU0

Ion 52.00 (51.70 to 52.70): VU0



#42
1,2-Dichloroethane
Concen: 20.624 ug/l
RT: 5.41 min Scan# 1499
Delta R.T. 0.00 min
Lab File: VU025888.D
Acq: 06 Aug 2018 16:07

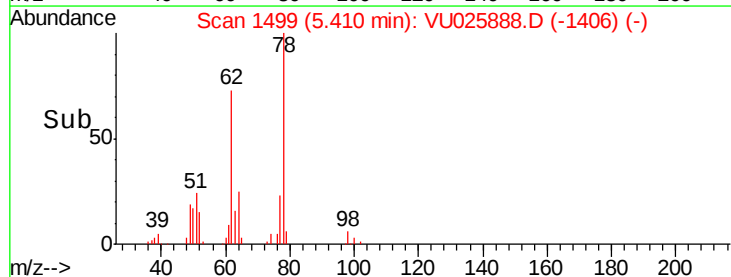
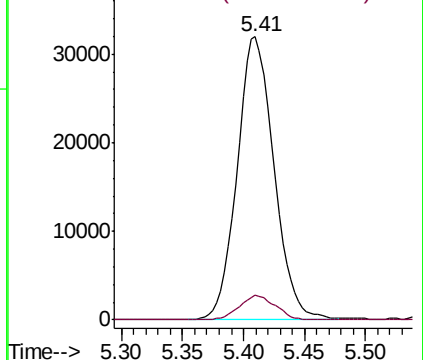
Tgt Ion:	62	Resp:	66677
Ion	Ratio	Lower	Upper
62	100		
98	8.5	0.0	16.4

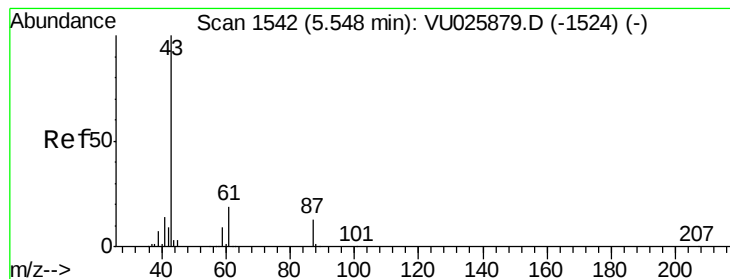


Abundance

Ion 61.90 (61.60 to 62.60): VU0

Ion 97.90 (97.60 to 98.60): VU0





#43

Isopropyl Acetate

Concen: 20.515 ug/l

RT: 5.55 min Scan# 1544

Delta R.T. 0.00 min

Lab File: VU025888.D

Acq: 06 Aug 2018 16:07

Instrument :

MSVOA_U

ClientSampleId :

VU0806WBS01

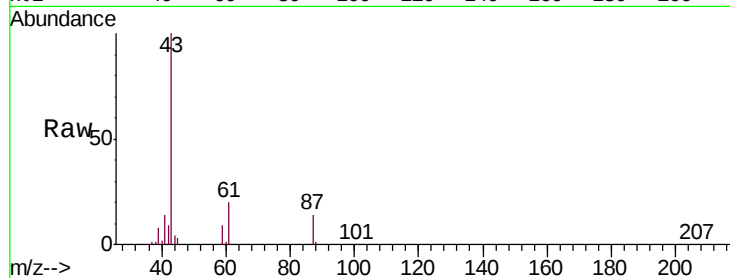
Tgt Ion: 43 Resp: 100964

Ion Ratio Lower Upper

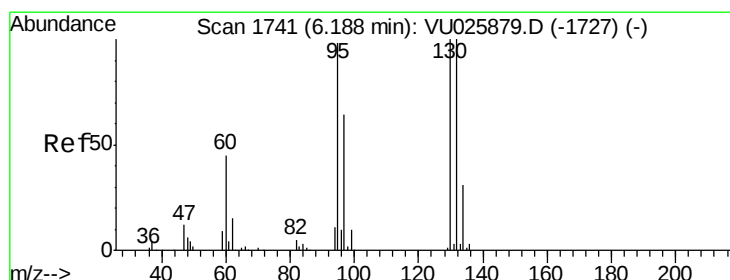
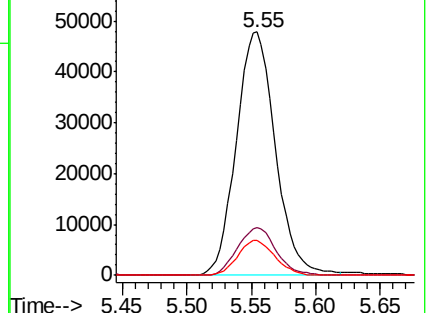
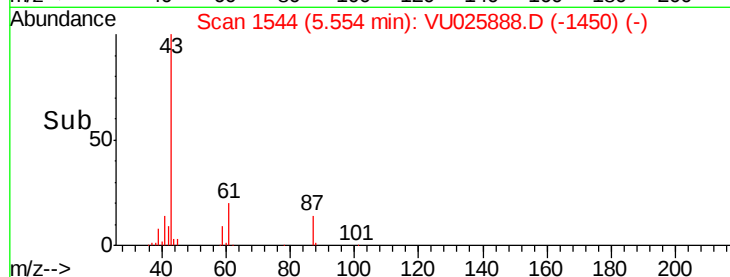
43 100

61 19.5 15.5 23.3

87 13.8 10.6 16.0



Abundance Ion 43.00 (42.70 to 43.70): VU025888.D (-1450) (-)



#44

Trichloroethene

Concen: 20.398 ug/l

RT: 6.19 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VU025888.D

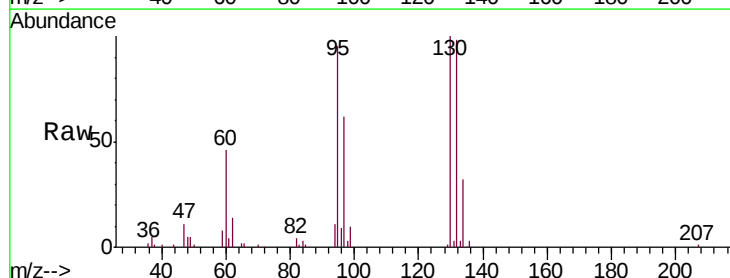
Acq: 06 Aug 2018 16:07

Tgt Ion: 130 Resp: 47693

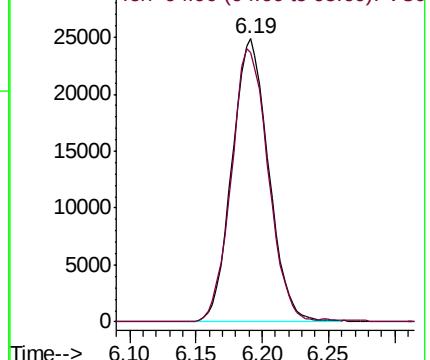
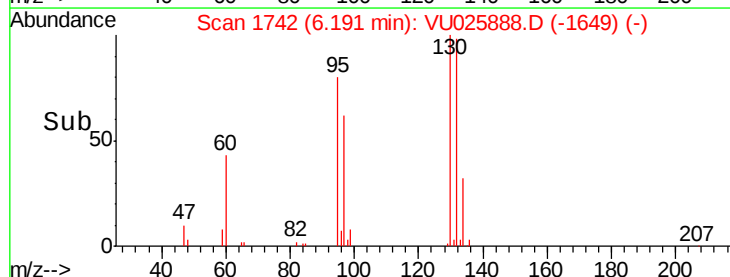
Ion Ratio Lower Upper

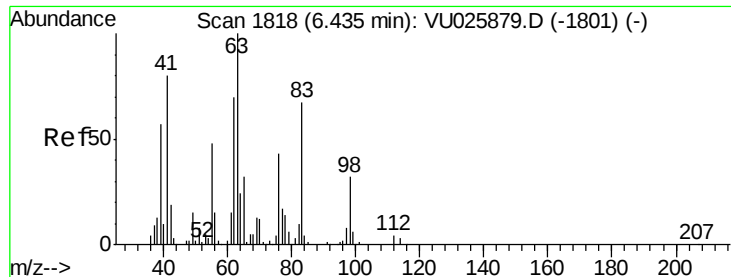
130 100

95 95.0 0.0 192.2



Abundance Ion 129.80 (129.50 to 130.50): VU025888.D (-1649) (-)





#45

1,2-Dichloropropane

Concen: 20.727 ug/l

RT: 6.44 min Scan# 1819

Delta R.T. 0.00 min

Lab File: VU025888.D

Acq: 06 Aug 2018 16:07

Instrument :

MSVOA_U

ClientSampleId :

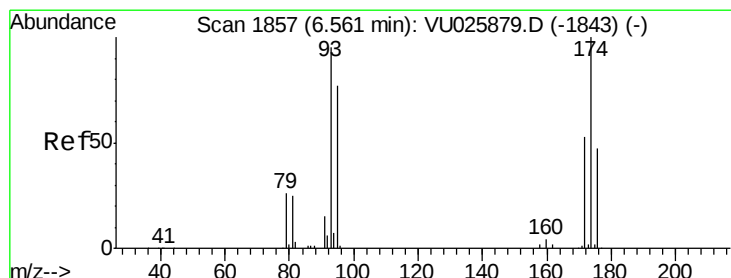
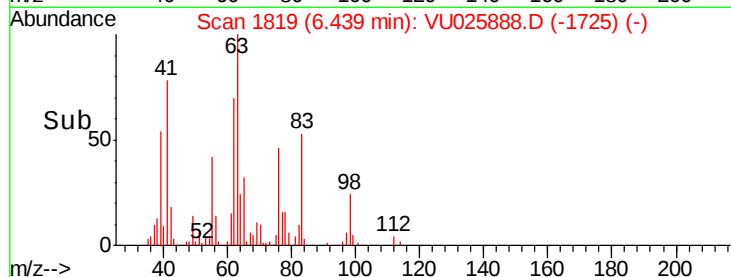
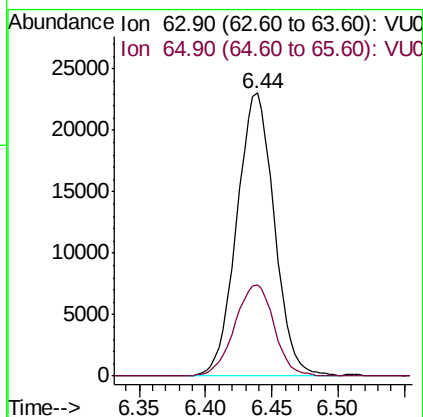
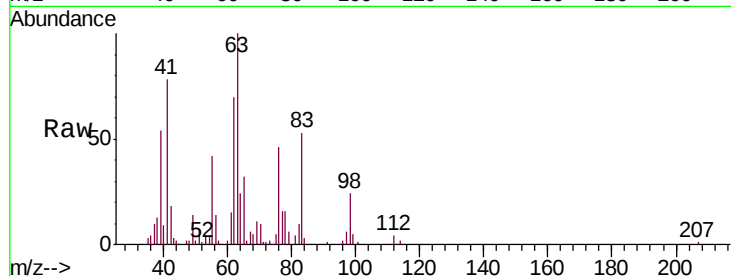
VU0806WBS01

Tgt Ion: 63 Resp: 45386

Ion Ratio Lower Upper

63 100

65 32.3 26.1 39.1



#46

Dibromomethane

Concen: 20.725 ug/l

RT: 6.56 min Scan# 1858

Delta R.T. 0.00 min

Lab File: VU025888.D

Acq: 06 Aug 2018 16:07

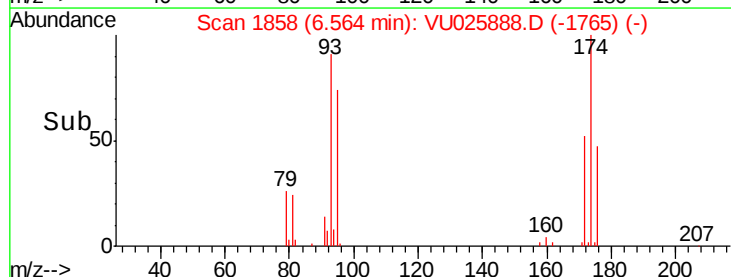
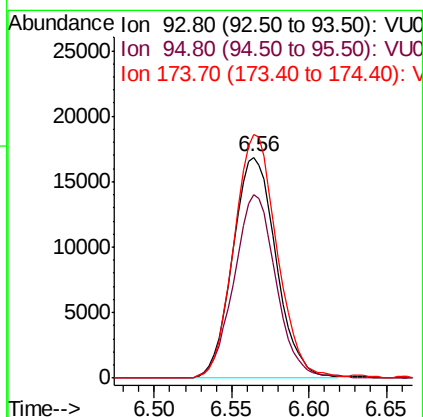
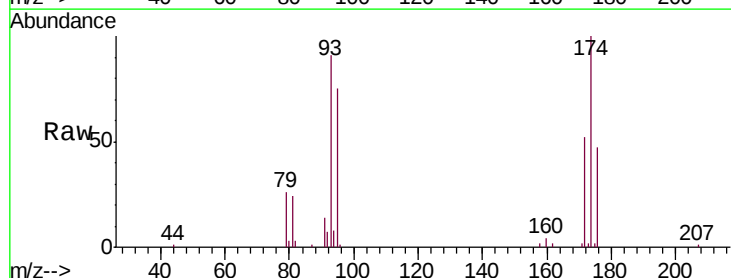
Tgt Ion: 93 Resp: 32882

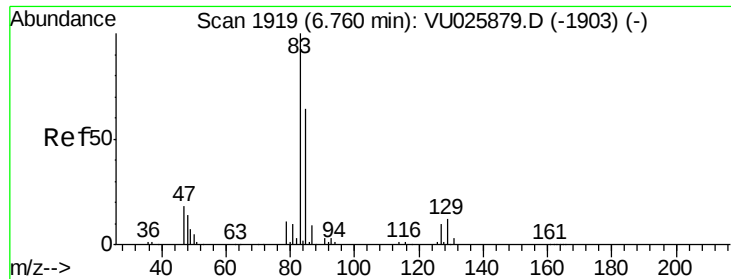
Ion Ratio Lower Upper

93 100

95 80.6 66.6 100.0

174 108.9 85.8 128.8





#47

Bromodichloromethane

Concen: 20.965 ug/l

RT: 6.76 min Scan# 1919

Delta R.T. 0.00 min

Lab File: VU025888.D

Acq: 06 Aug 2018 16:07

Instrument :

MSVOA_U

ClientSampleId :

VU0806WBS01

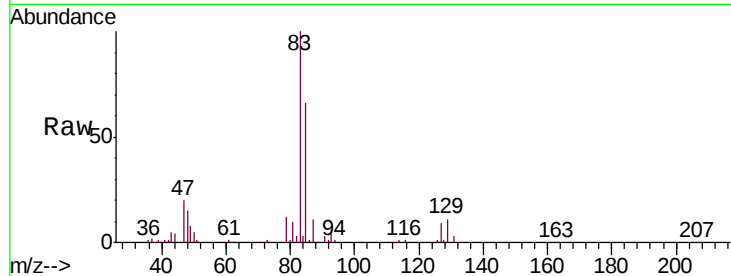
Tgt Ion: 83 Resp: 63450

Ion Ratio Lower Upper

83 100

85 65.6 50.2 75.4

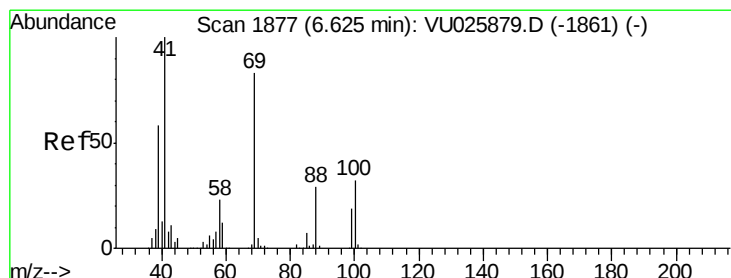
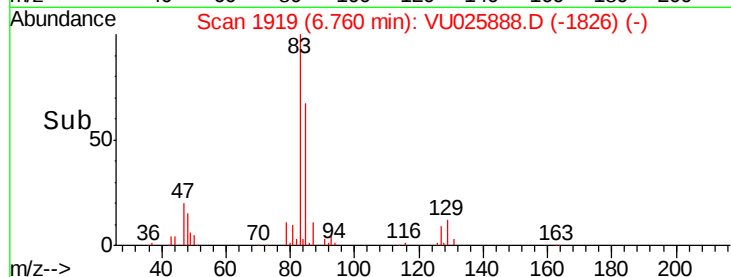
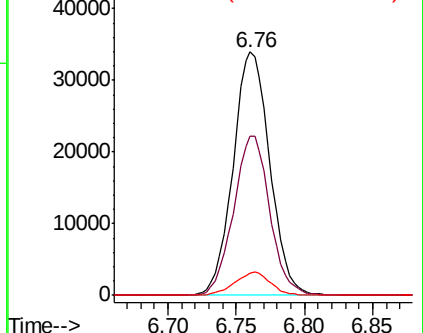
127 9.2 7.2 10.8



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: 20.149 ug/l

RT: 6.63 min Scan# 1878

Delta R.T. 0.00 min

Lab File: VU025888.D

Acq: 06 Aug 2018 16:07

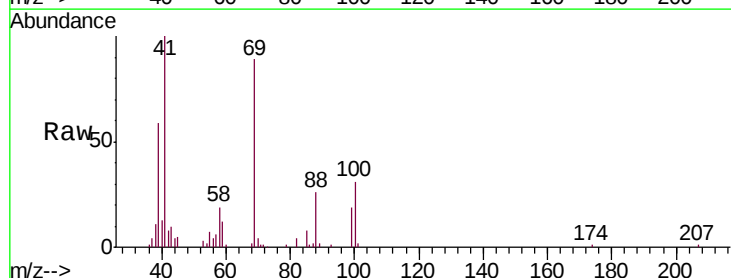
Tgt Ion: 41 Resp: 48602

Ion Ratio Lower Upper

41 100

69 83.6 65.0 97.4

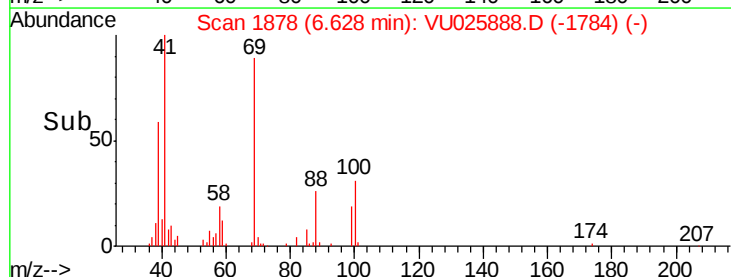
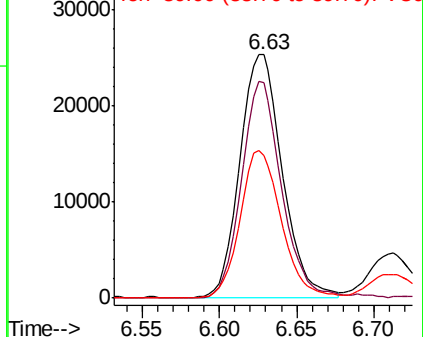
39 58.9 46.4 69.6

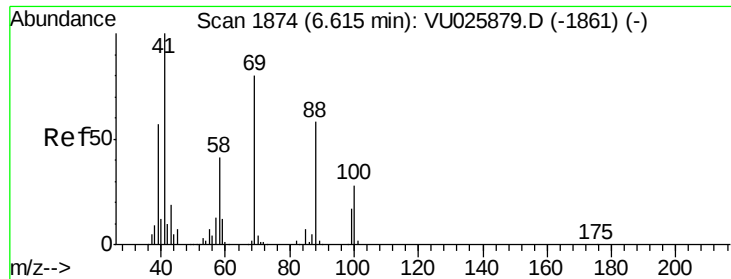


Abundance Ion 41.00 (40.70 to 41.70): VU0

Ion 69.00 (68.70 to 69.70): VU0

Ion 39.00 (38.70 to 39.70): VU0

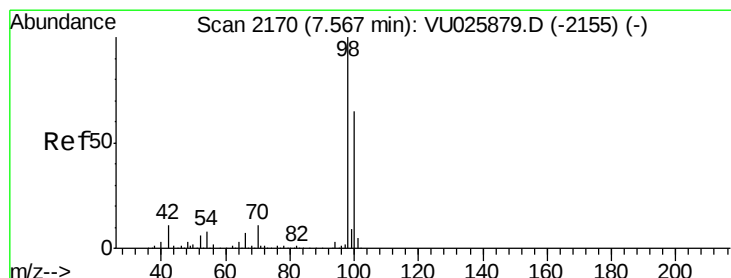
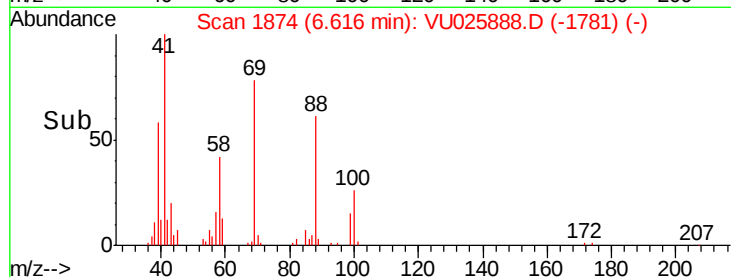
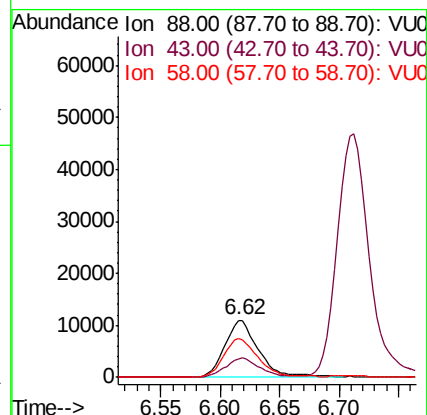
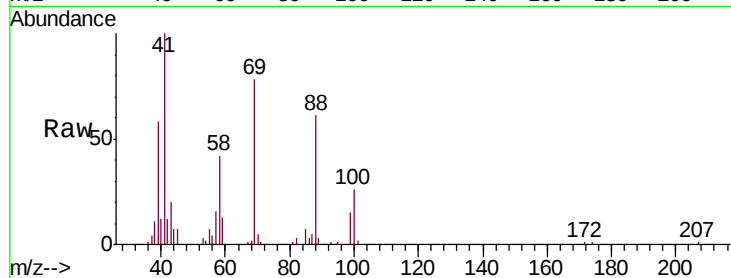




#49
 1,4-Dioxane
 Concen: 366.787 ug/l
 RT: 6.62 min Scan# 1874
 Delta R.T. 0.00 min
 Lab File: VU025888.D
 Acq: 06 Aug 2018 16:07

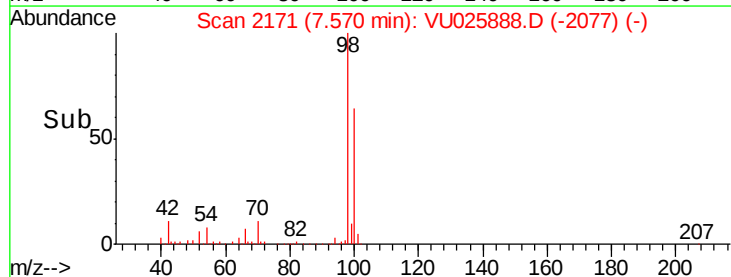
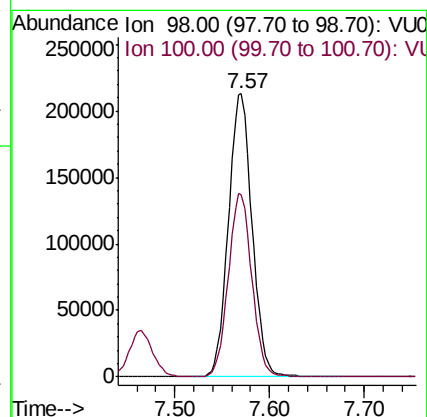
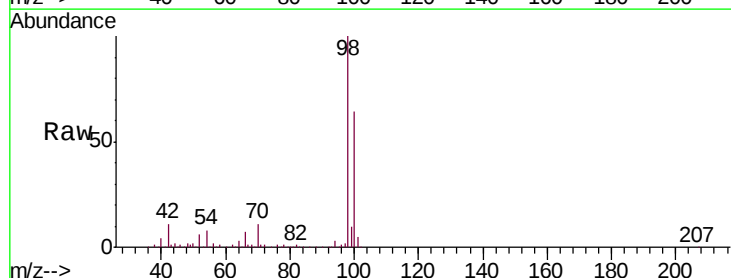
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0806WBS01

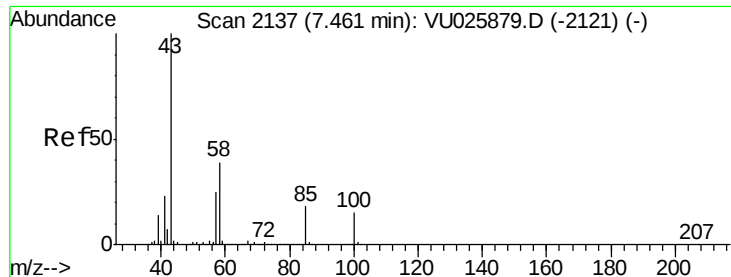
Tgt Ion: 88 Resp: 21530
 Ion Ratio Lower Upper
 88 100
 43 35.4 27.3 40.9
 58 69.8 57.6 86.4



#50
 Toluene-d8
 Concen: 49.627 ug/l
 RT: 7.57 min Scan# 2171
 Delta R.T. 0.00 min
 Lab File: VU025888.D
 Acq: 06 Aug 2018 16:07

Tgt Ion: 98 Resp: 371230
 Ion Ratio Lower Upper
 98 100
 100 63.6 51.1 76.7

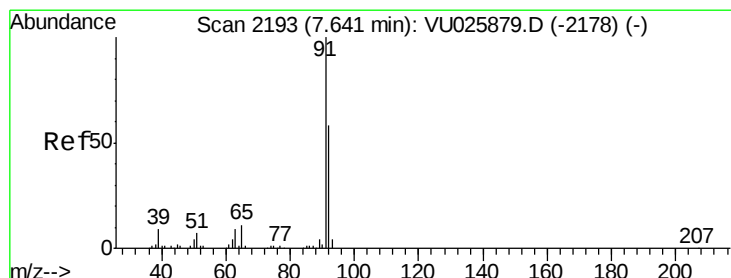
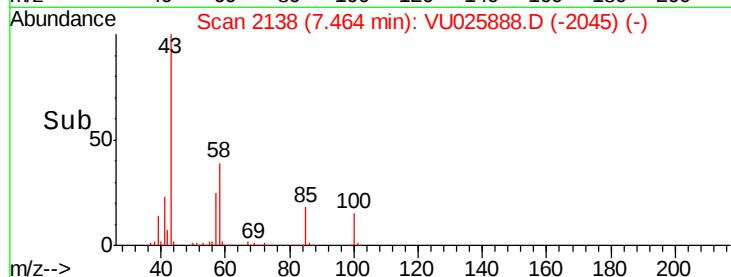
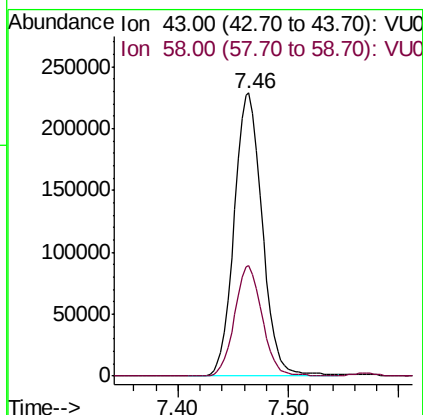
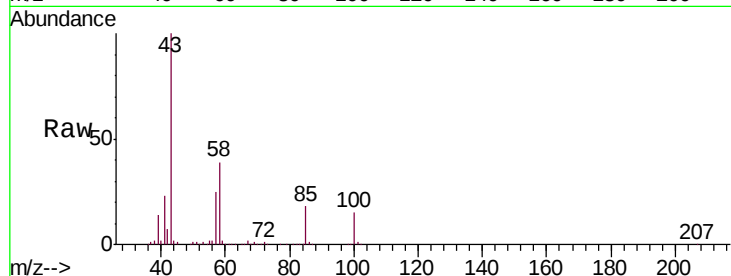




#51
 4-Methyl-2-Pentanone
 Concen: 131.130 ug/l
 RT: 7.46 min Scan# 2138
 Delta R.T. 0.00 min
 Lab File: VU025888.D
 Acq: 06 Aug 2018 16:07

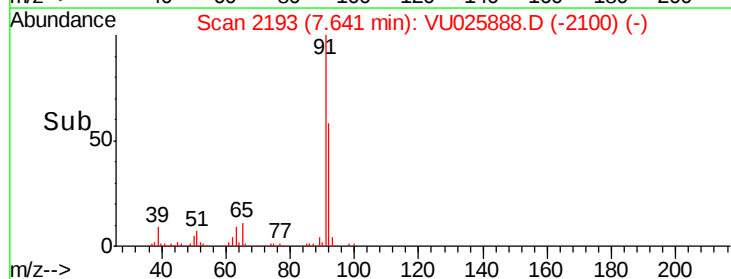
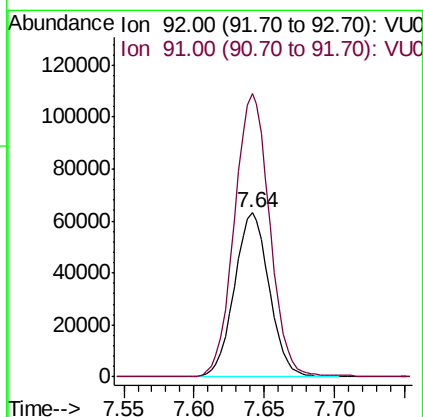
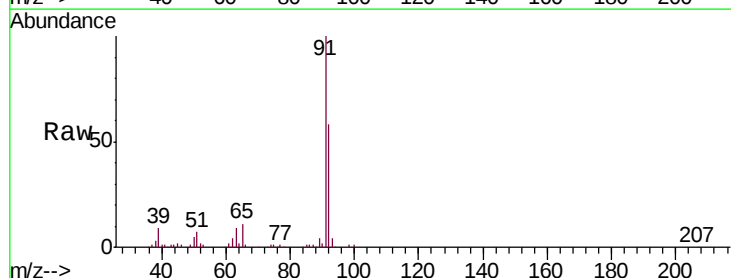
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0806WBS01

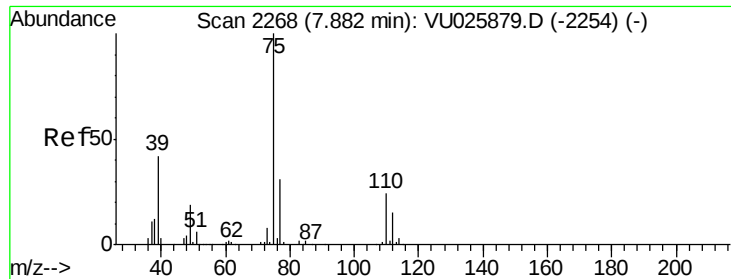
Tgt Ion: 43 Resp: 404042
 Ion Ratio Lower Upper
 43 100
 58 38.3 31.0 46.4



#52
 Toluene
 Concen: 21.038 ug/l
 RT: 7.64 min Scan# 2193
 Delta R.T. 0.00 min
 Lab File: VU025888.D
 Acq: 06 Aug 2018 16:07

Tgt Ion: 92 Resp: 109735
 Ion Ratio Lower Upper
 92 100
 91 174.1 139.2 208.8





#53

t-1,3-Dichloropropene

Concen: 20.159 ug/l

RT: 7.88 min Scan# 2268

Delta R.T. 0.00 min

Lab File: VU025888.D

Acq: 06 Aug 2018 16:07

Instrument :

MSVOA_U

ClientSampleId :

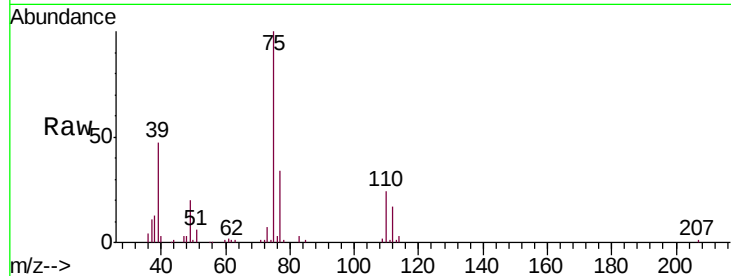
VU0806WBS01

Tgt Ion: 75 Resp: 68504

Ion Ratio Lower Upper

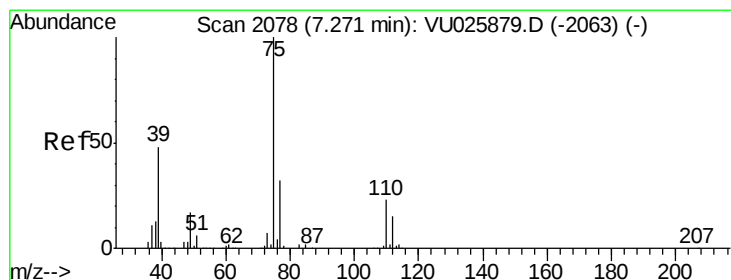
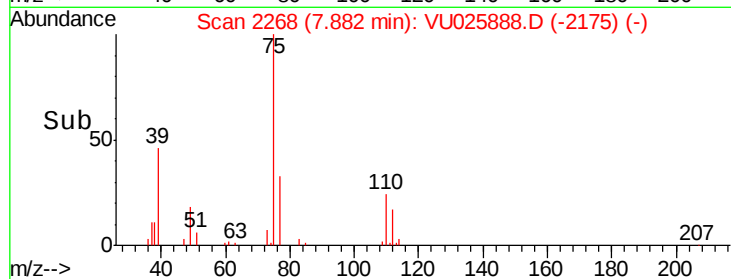
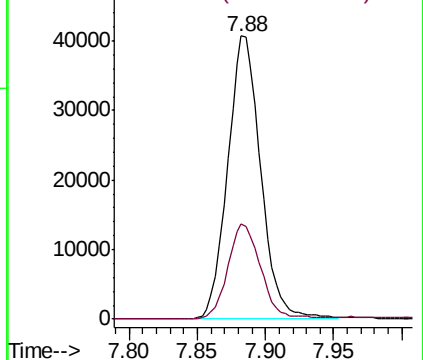
75 100

77 33.6 24.5 36.7



Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 76.90 (76.60 to 77.60): VU0



#54

cis-1,3-Dichloropropene

Concen: 20.788 ug/l

RT: 7.27 min Scan# 2079

Delta R.T. 0.00 min

Lab File: VU025888.D

Acq: 06 Aug 2018 16:07

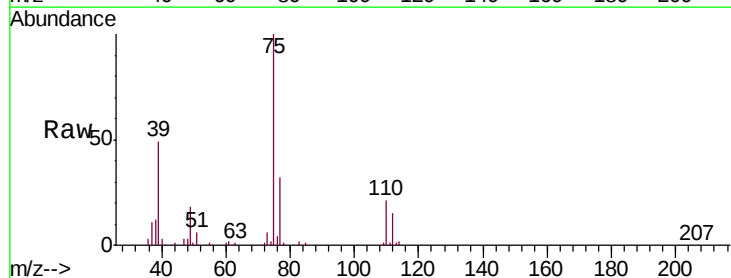
Tgt Ion: 75 Resp: 72566

Ion Ratio Lower Upper

75 100

77 31.6 25.6 38.4

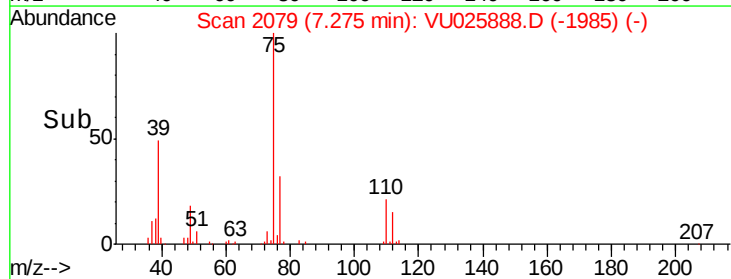
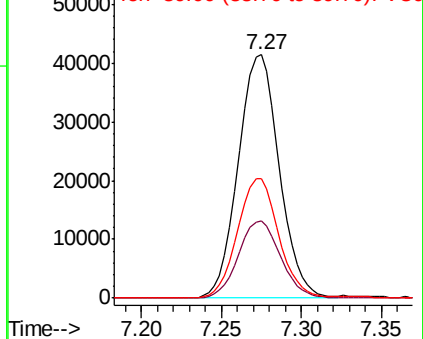
39 49.1 40.0 60.0

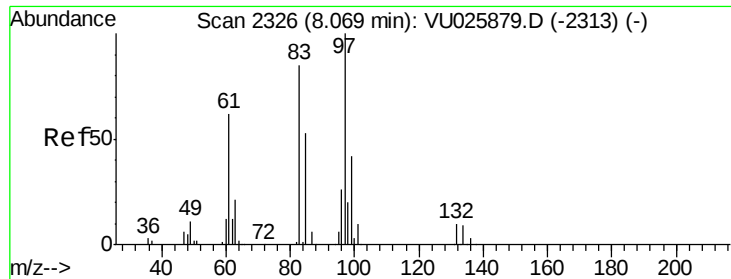


Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 76.90 (76.60 to 77.60): VU0

Ion 39.00 (38.70 to 39.70): VU0

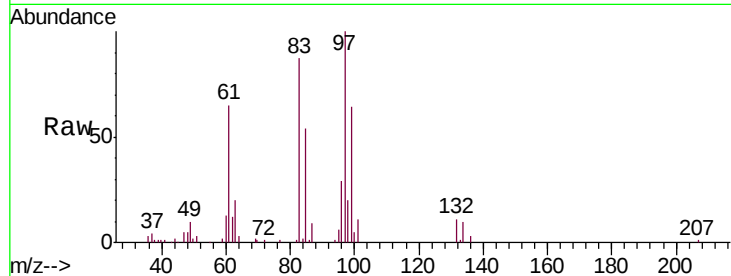




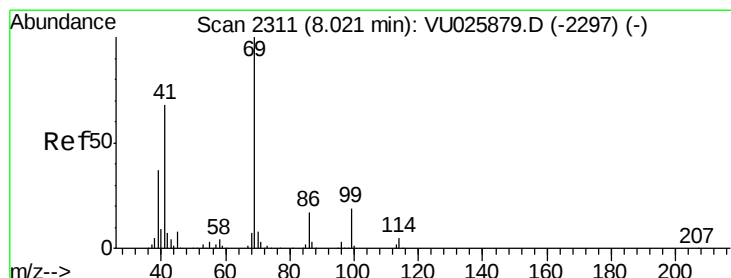
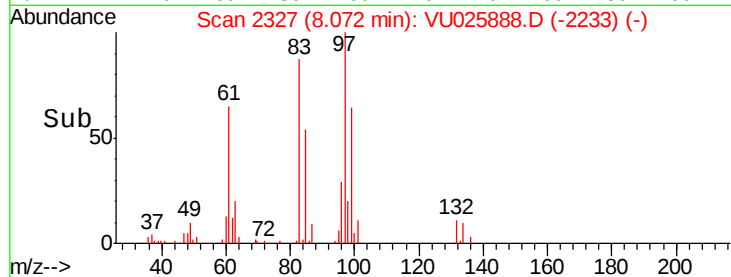
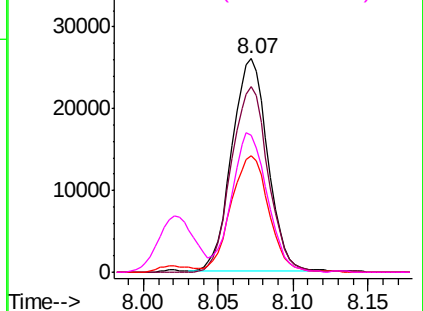
#55
 1,1,2-Trichloroethane
 Concen: 20.058 ug/l
 RT: 8.07 min Scan# 2327
 Delta R.T. 0.00 min
 Lab File: VU025888.D
 Acq: 06 Aug 2018 16:07

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0806WBS01

Tgt Ion:	97	Resp:	43478
Ion	Ratio	Lower	Upper
97	100		
83	87.1	68.9	103.3
85	54.2	44.4	66.6
99	63.9	51.0	76.4

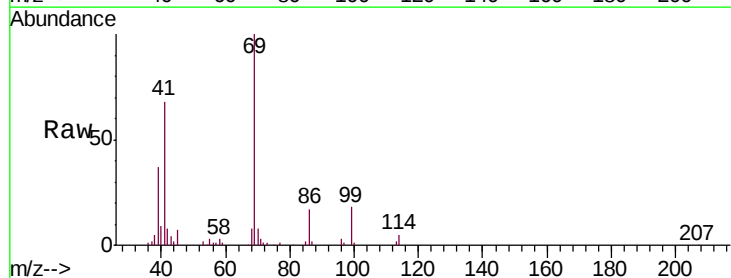


Abundance Ion 96.90 (96.60 to 97.60): VU0
 Ion 82.90 (82.60 to 83.60): VU0
 Ion 84.90 (84.60 to 85.60): VU0
 Ion 98.90 (98.60 to 99.60): VU0

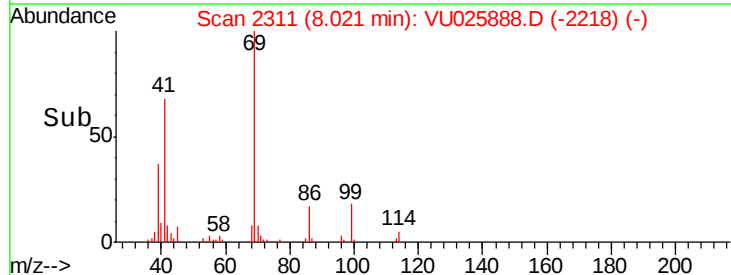
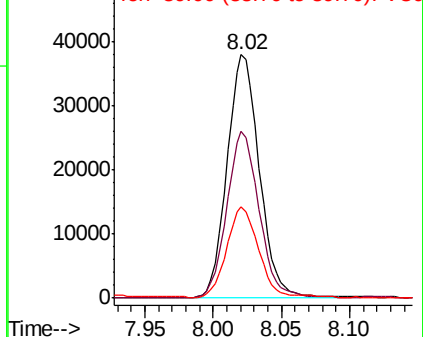


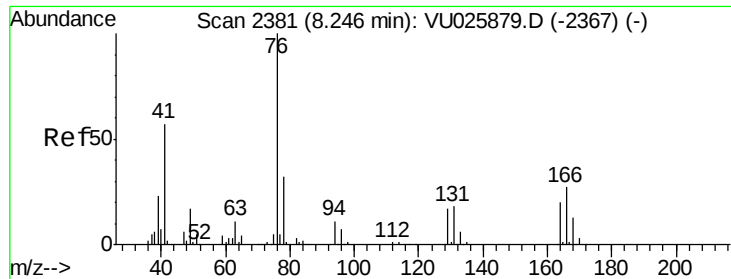
#56
 Ethyl methacrylate
 Concen: 20.187 ug/l
 RT: 8.02 min Scan# 2311
 Delta R.T. 0.00 min
 Lab File: VU025888.D
 Acq: 06 Aug 2018 16:07

Tgt Ion:	69	Resp:	62522
Ion	Ratio	Lower	Upper
69	100		
41	68.4	54.8	82.2
39	36.1	31.1	46.7



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: 20.511 ug/l

RT: 8.25 min Scan# 2381

Delta R.T. 0.00 min

Lab File: VU025888.D

Acq: 06 Aug 2018 16:07

Instrument :

MSVOA_U

ClientSampleId :

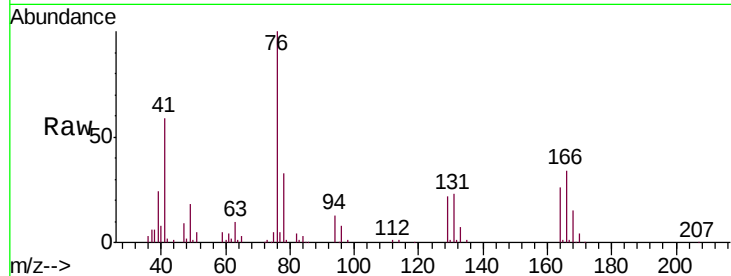
VU0806WBS01

Tgt Ion: 76 Resp: 74769

Ion Ratio Lower Upper

76 100

78 31.5 26.1 39.1



Abundance Ion 75.90 (75.60 to 76.60): VU0

Ion 77.90 (77.60 to 78.60): VU0

8.25

40000

30000

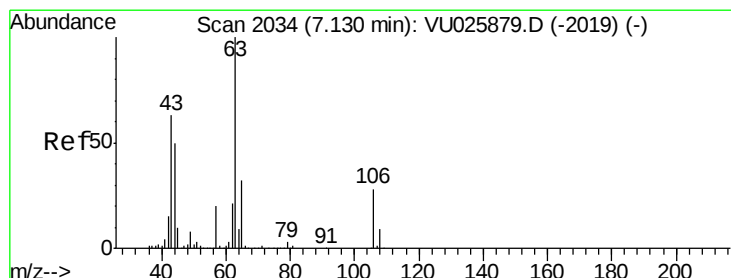
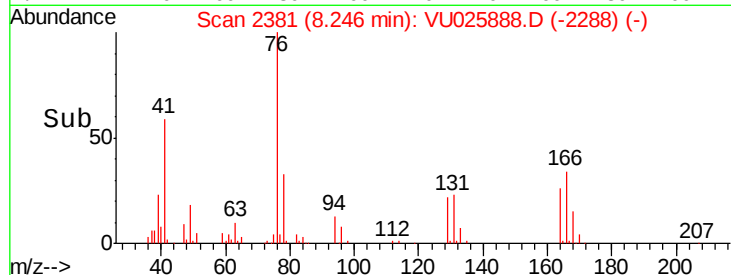
20000

10000

0

8.15 8.20 8.25 8.30 8.35

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 88.331 ug/l

RT: 7.13 min Scan# 2035

Delta R.T. 0.00 min

Lab File: VU025888.D

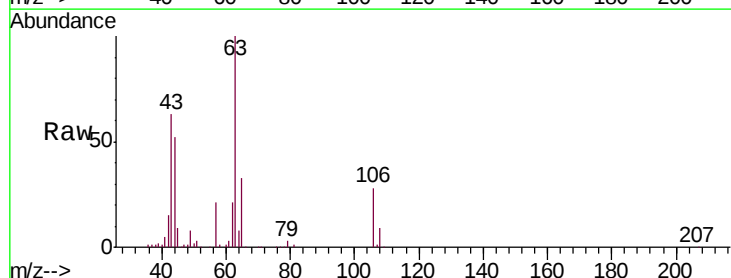
Acq: 06 Aug 2018 16:07

Tgt Ion: 63 Resp: 117279

Ion Ratio Lower Upper

63 100

106 28.1 22.3 33.5



Abundance Ion 62.90 (62.60 to 63.60): VU0

Ion 105.90 (105.60 to 106.60): V

7.13

80000

60000

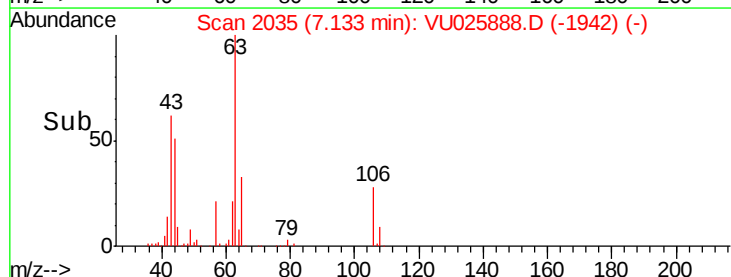
40000

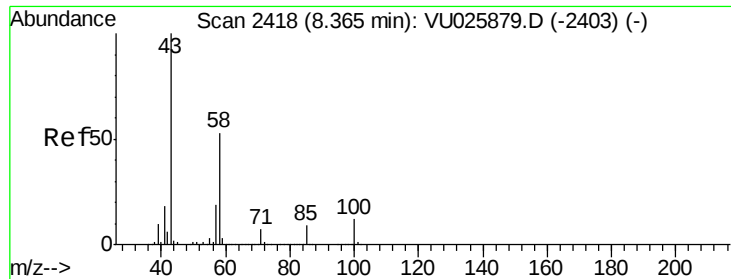
20000

0

7.05 7.10 7.15 7.20

Time-->

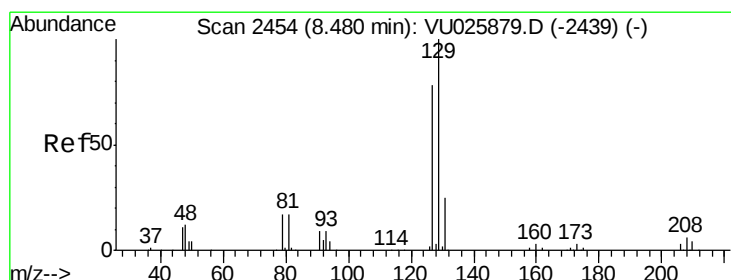
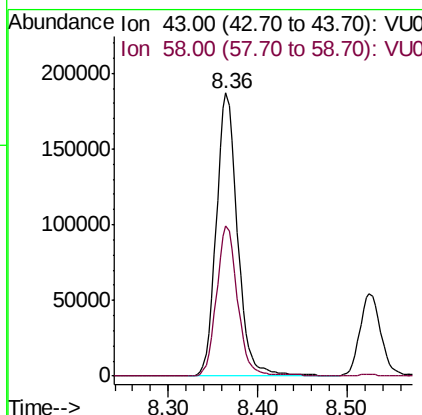
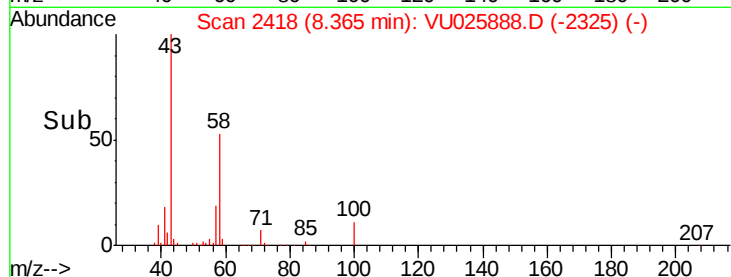
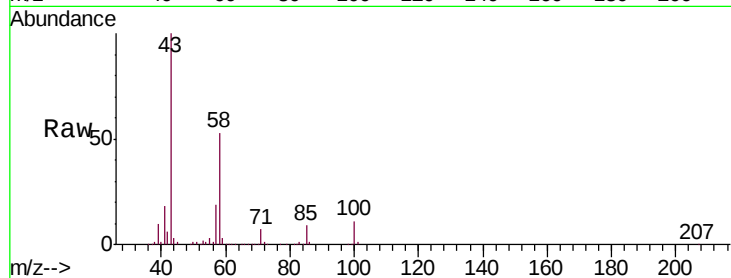




#59
2-Hexanone
Concen: 128.173 ug/l
RT: 8.36 min Scan# 2418
Delta R.T. 0.00 min
Lab File: VU025888.D
Acq: 06 Aug 2018 16:07

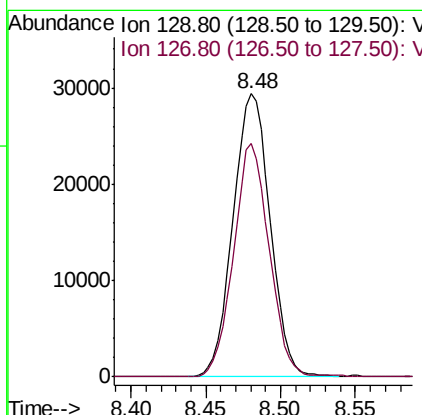
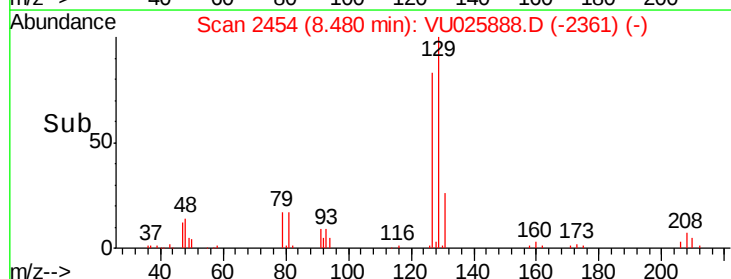
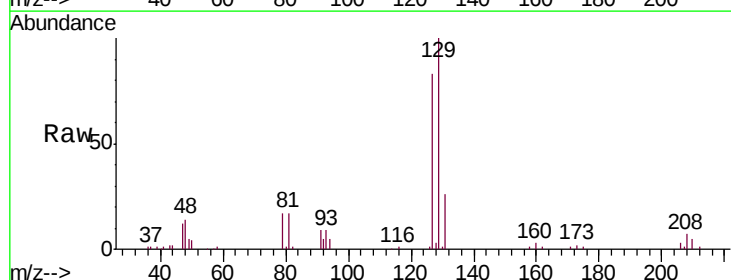
Instrument :
MSVOA_U
ClientSampleId :
VU0806WBS01

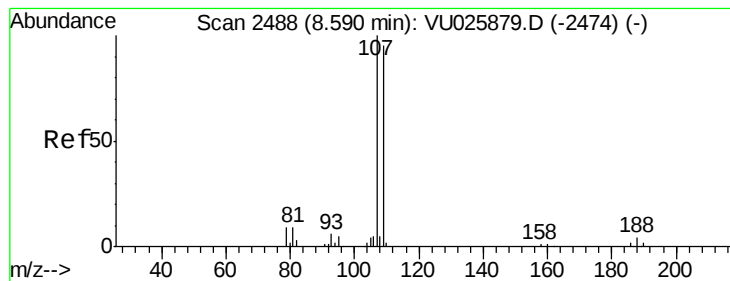
Tgt Ion: 43 Resp: 309577
Ion Ratio Lower Upper
43 100
58 52.7 26.2 78.5



#60
Dibromochloromethane
Concen: 19.870 ug/l
RT: 8.48 min Scan# 2454
Delta R.T. 0.00 min
Lab File: VU025888.D
Acq: 06 Aug 2018 16:07

Tgt Ion: 129 Resp: 50793
Ion Ratio Lower Upper
129 100
127 78.8 38.6 115.8





#61

1,2-Dibromoethane

Concen: 20.795 ug/l

RT: 8.59 min Scan# 2488

Delta R.T. 0.00 min

Lab File: VU025888.D

Acq: 06 Aug 2018 16:07

Instrument :

MSVOA_U

ClientSampleId :

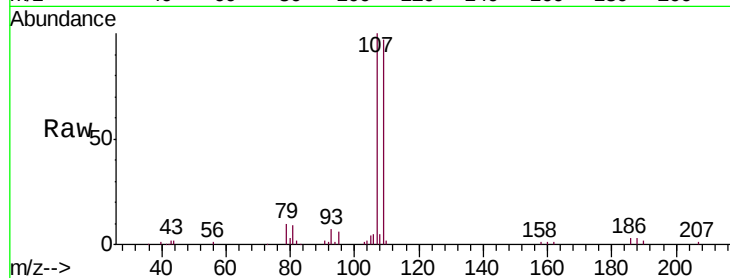
VU0806WBS01

Tgt Ion: 107 Resp: 50130

Ion Ratio Lower Upper

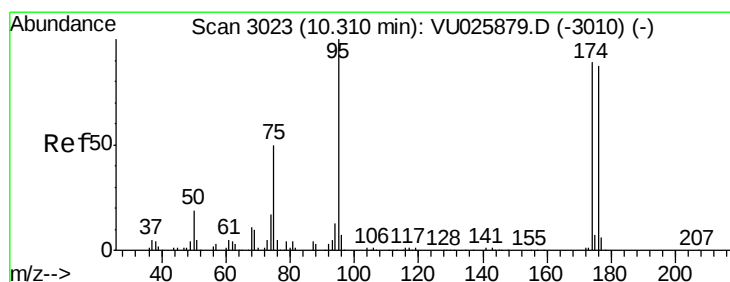
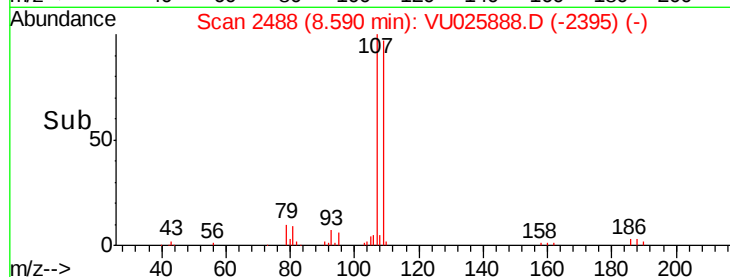
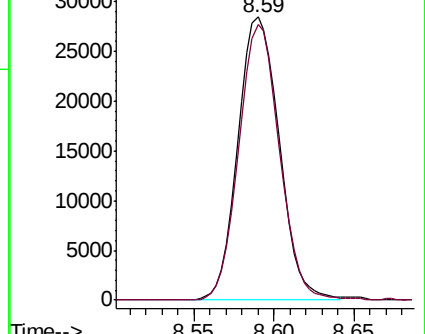
107 100

109 95.6 75.8 113.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 48.728 ug/l

RT: 10.31 min Scan# 3023

Delta R.T. 0.00 min

Lab File: VU025888.D

Acq: 06 Aug 2018 16:07

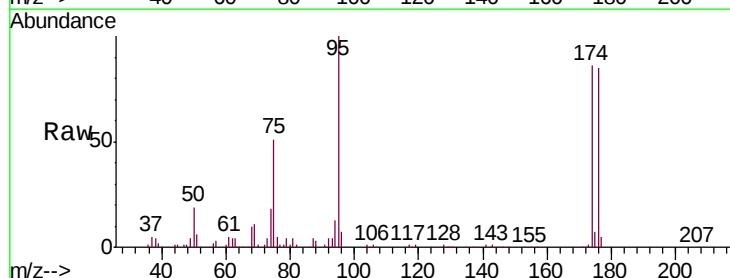
Tgt Ion: 95 Resp: 141481

Ion Ratio Lower Upper

95 100

174 87.9 0.0 172.2

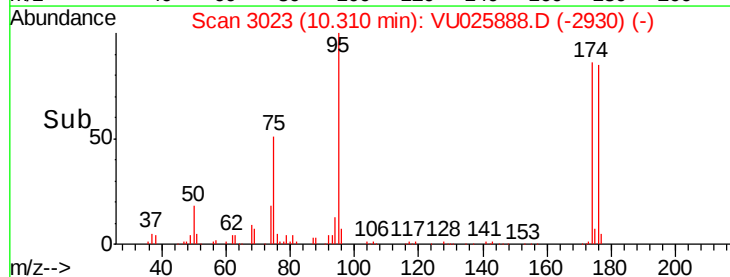
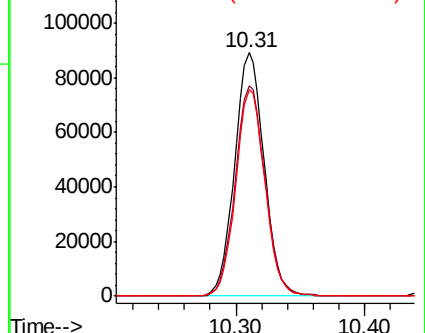
176 84.1 0.0 162.6

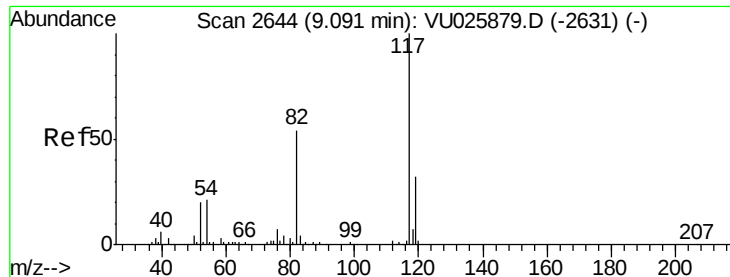


Abundance Ion 94.90 (94.60 to 95.60): VU0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

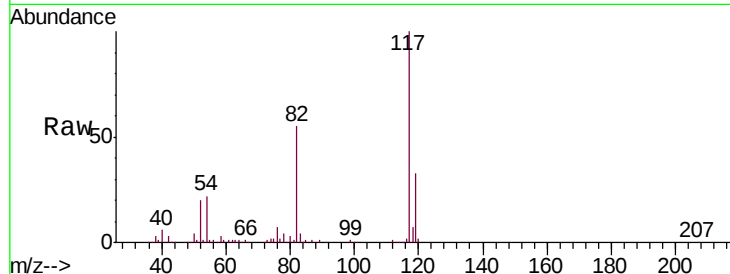




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2644
Delta R.T. 0.00 min
Lab File: VU025888.D
Acq: 06 Aug 2018 16:07

Instrument :
MSVOA_U
ClientSampleId :
VU0806WBS01

Tgt Ion	Ratio	Lower	Upper
117	100		
82	55.4	46.0	69.0
119	32.5	26.0	39.0

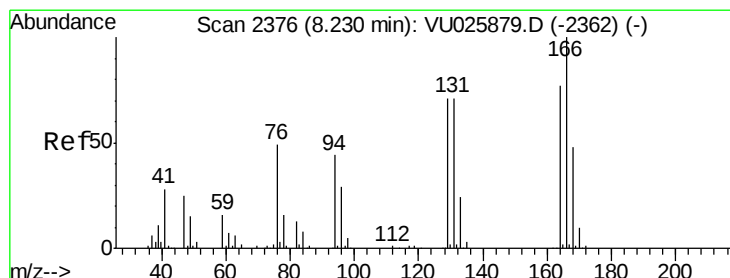
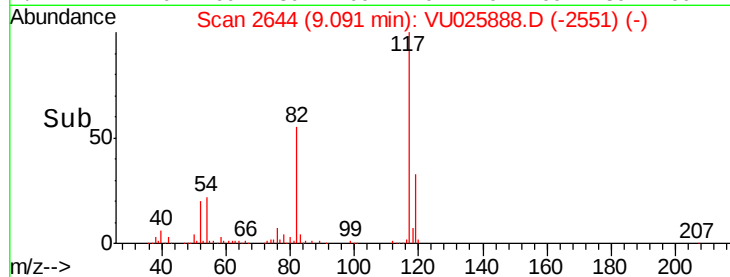
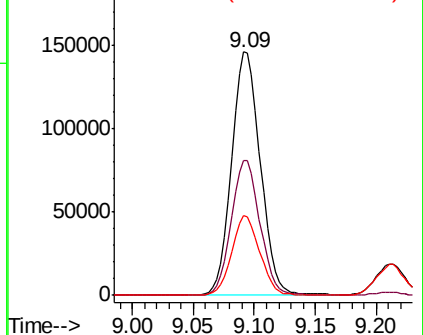


Abundance

Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#64
Tetrachloroethene
Concen: 21.229 ug/l
RT: 8.23 min Scan# 2377
Delta R.T. 0.00 min
Lab File: VU025888.D
Acq: 06 Aug 2018 16:07

Tgt Ion	Ratio	Lower	Upper
164	100		
166	126.9	101.1	151.7
129	94.3	73.0	109.6
131	91.0	72.1	108.1

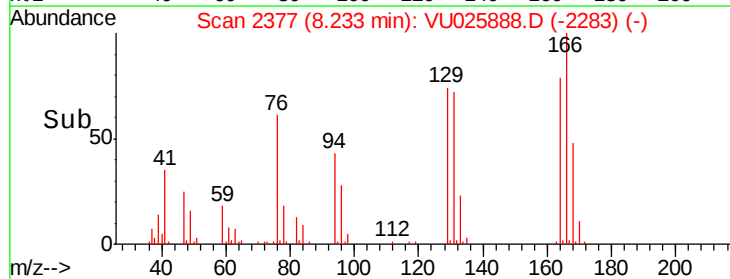
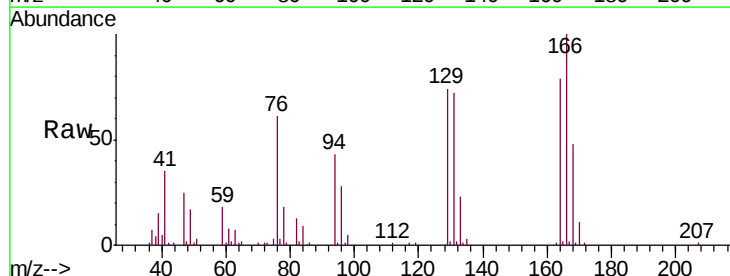
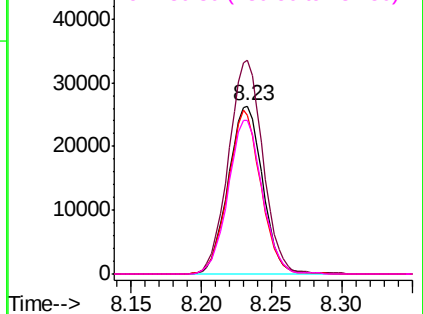
Abundance

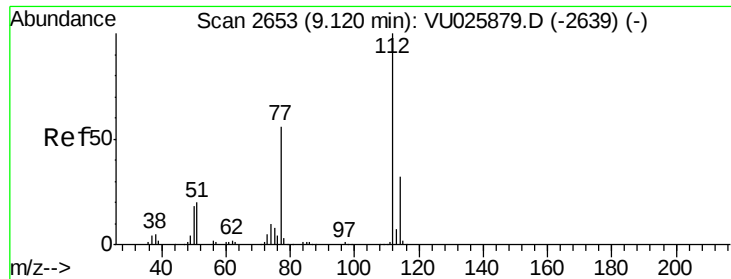
Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V





#65

Chlorobenzene

Concen: 20.169 ug/l

RT: 9.12 min Scan# 2654

Delta R.T. 0.00 min

Lab File: VU025888.D

Acq: 06 Aug 2018 16:07

Instrument :

MSVOA_U

ClientSampleId :

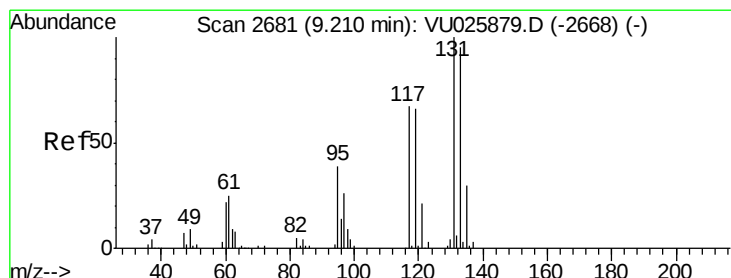
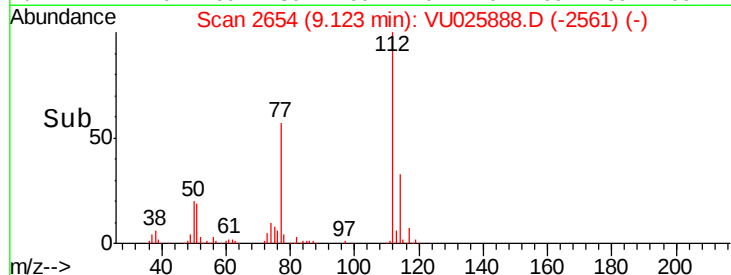
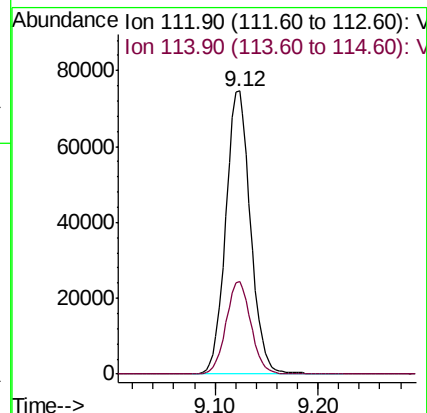
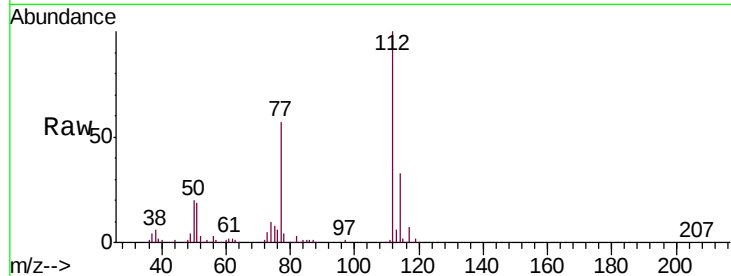
VU0806WBS01

Tgt Ion:112 Resp: 124668

Ion Ratio Lower Upper

112 100

114 32.7 25.8 38.8



#66

1,1,1,2-Tetrachloroethane

Concen: 21.059 ug/l

RT: 9.21 min Scan# 2682

Delta R.T. 0.00 min

Lab File: VU025888.D

Acq: 06 Aug 2018 16:07

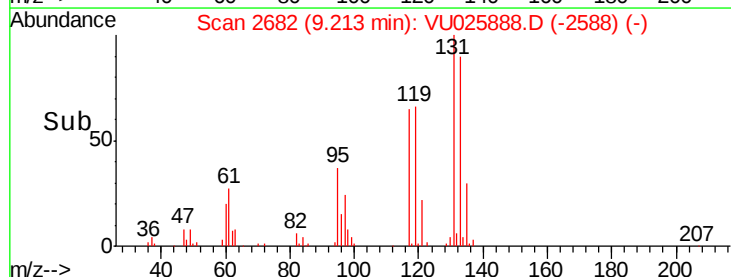
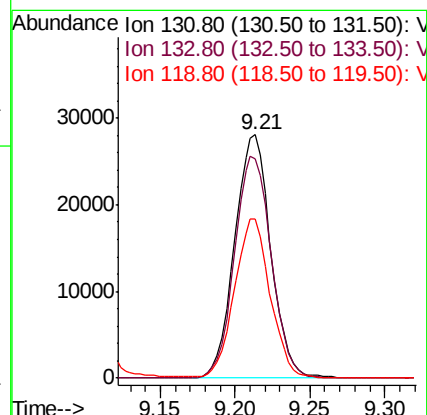
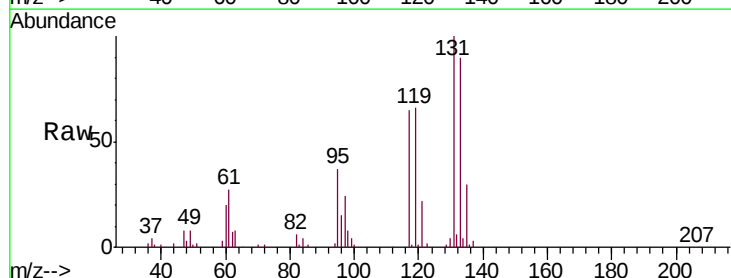
Tgt Ion:131 Resp: 47089

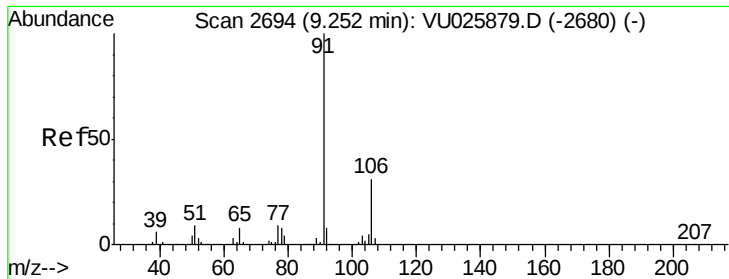
Ion Ratio Lower Upper

131 100

133 92.8 47.8 143.3

119 64.9 31.6 95.0





#67

Ethyl Benzene

Concen: 20.225 ug/l

RT: 9.25 min Scan# 2694

Delta R.T. 0.00 min

Lab File: VU025888.D

Acq: 06 Aug 2018 16:07

Instrument :

MSVOA_U

ClientSampleId :

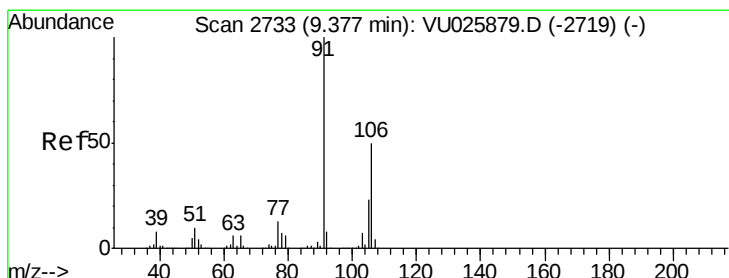
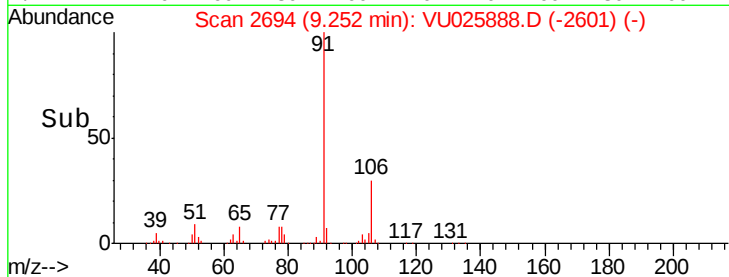
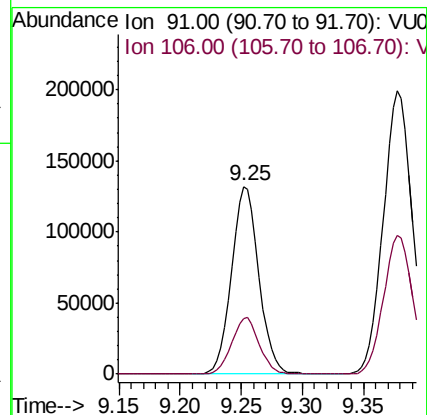
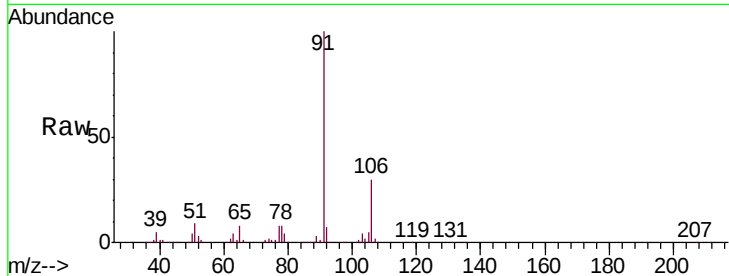
VU0806WBS01

Tgt Ion: 91 Resp: 207082

Ion Ratio Lower Upper

91 100

106 29.5 25.3 37.9



#68

m/p-Xylenes

Concen: 41.324 ug/l

RT: 9.38 min Scan# 2733

Delta R.T. 0.00 min

Lab File: VU025888.D

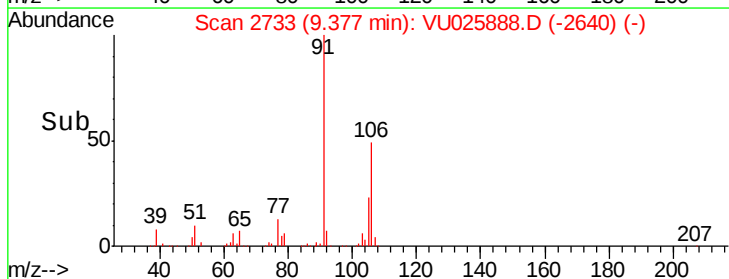
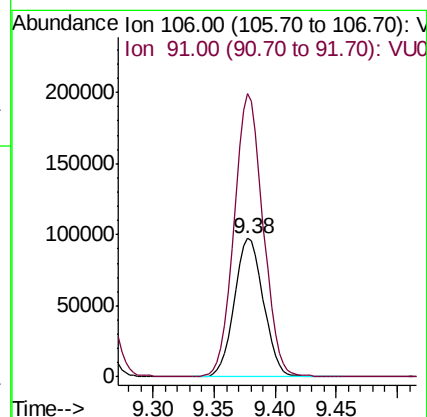
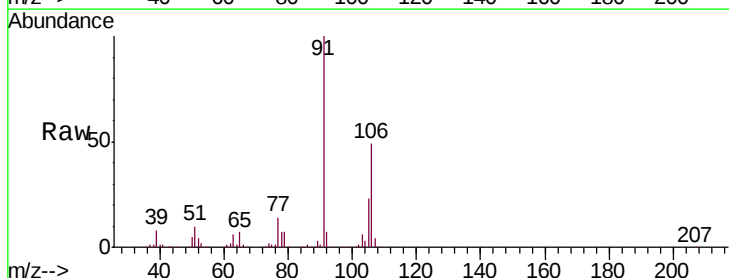
Acq: 06 Aug 2018 16:07

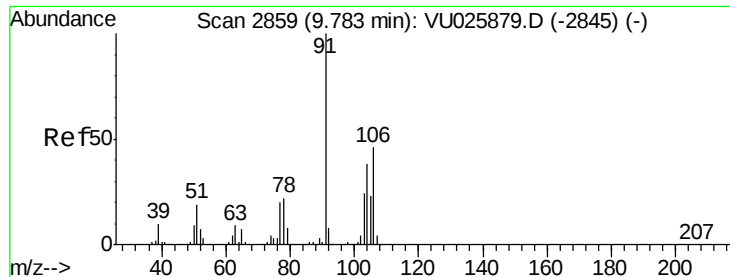
Tgt Ion: 106 Resp: 162441

Ion Ratio Lower Upper

106 100

91 202.3 162.3 243.5

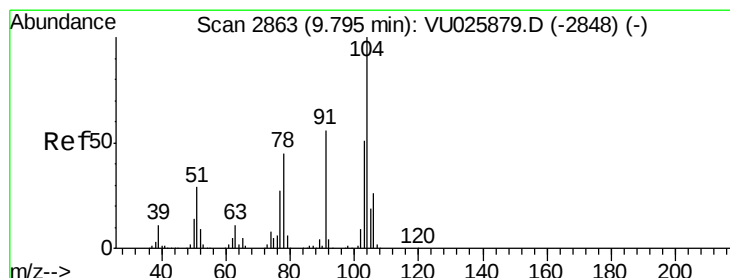
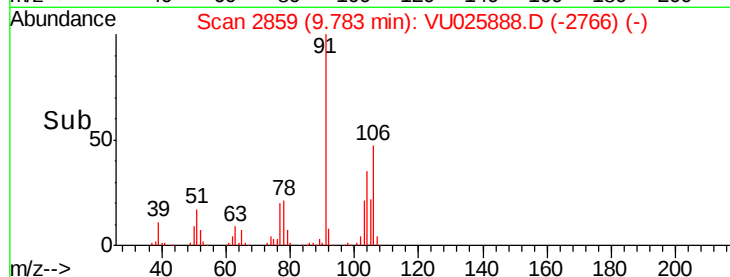
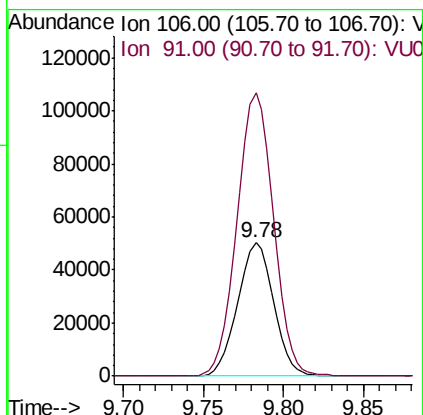
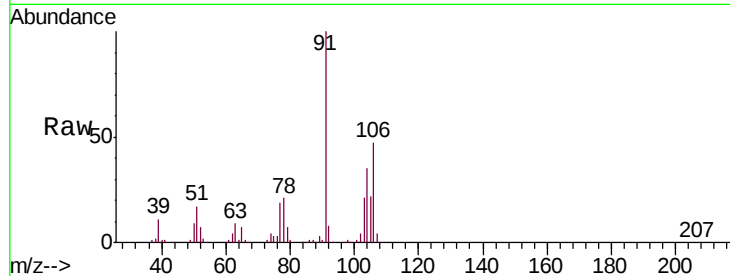




#69
o-Xylene
Concen: 20.103 ug/l
RT: 9.78 min Scan# 2859
Delta R.T. 0.00 min
Lab File: VU025888.D
Acq: 06 Aug 2018 16:07

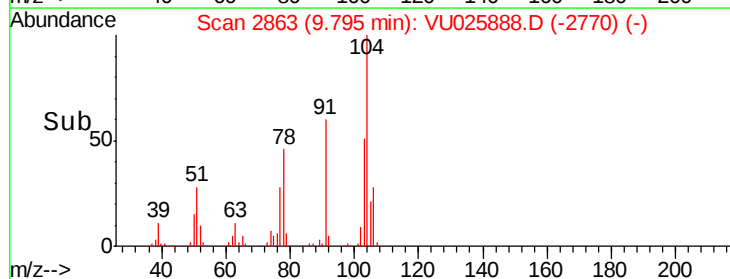
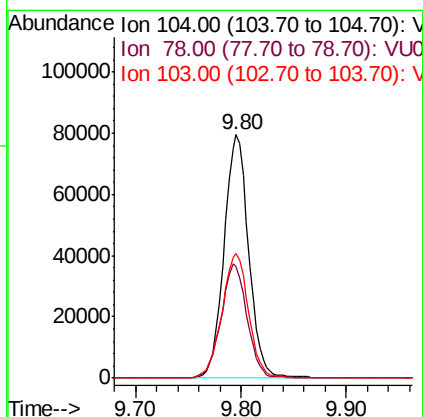
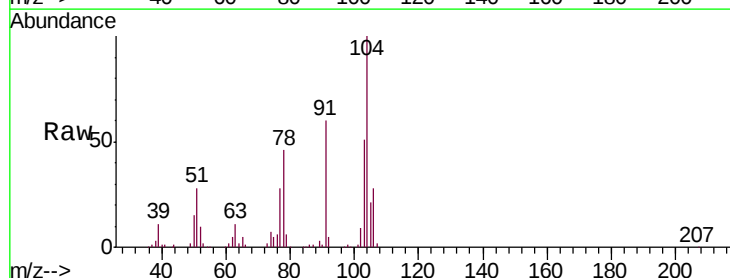
Instrument :
MSVOA_U
ClientSampleId :
VU0806WBS01

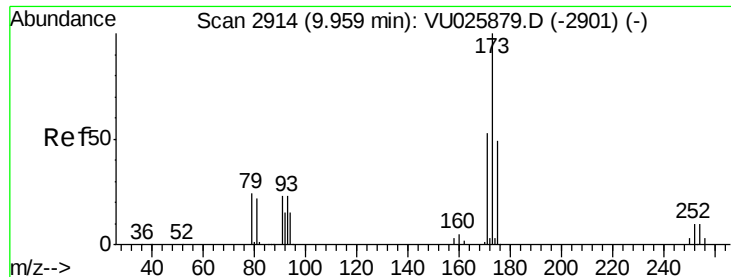
Tgt Ion:106 Resp: 77231
Ion Ratio Lower Upper
106 100
91 214.7 105.3 315.8



#70
Styrene
Concen: 20.694 ug/l
RT: 9.80 min Scan# 2863
Delta R.T. 0.00 min
Lab File: VU025888.D
Acq: 06 Aug 2018 16:07

Tgt Ion:104 Resp: 128416
Ion Ratio Lower Upper
104 100
78 49.6 41.6 62.4
103 55.4 44.6 66.8





#71

Bromoform

Concen: 19.937 ug/l

RT: 9.96 min Scan# 2915

Delta R.T. 0.00 min

Lab File: VU025888.D

Acq: 06 Aug 2018 16:07

Instrument :

MSVOA_U

ClientSampleId :

VU0806WBS01

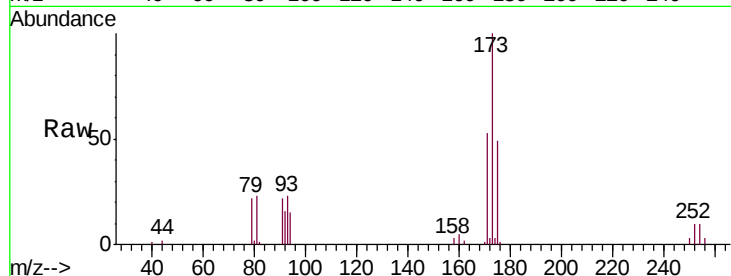
Tgt Ion:173 Resp: 38655

Ion Ratio Lower Upper

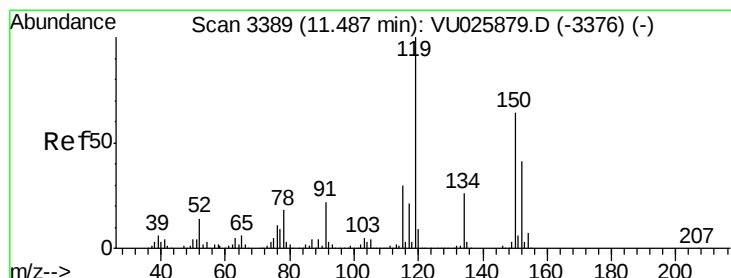
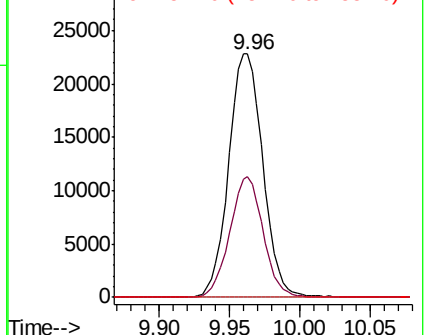
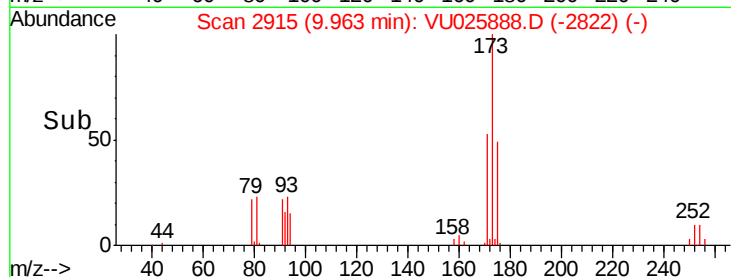
173 100

175 48.1 24.0 72.0

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: VU025888.D

Acq: 06 Aug 2018 16:07

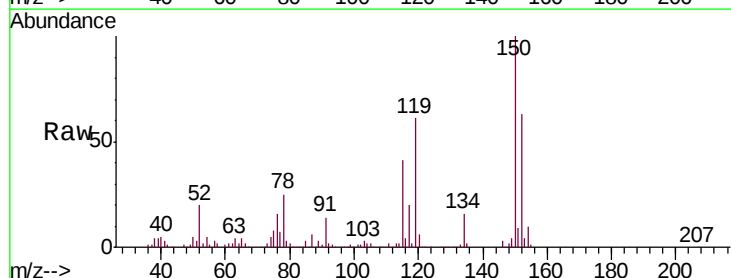
Tgt Ion:152 Resp: 149852

Ion Ratio Lower Upper

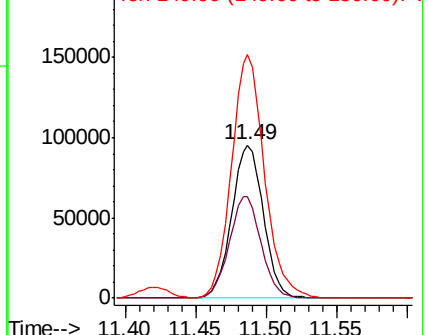
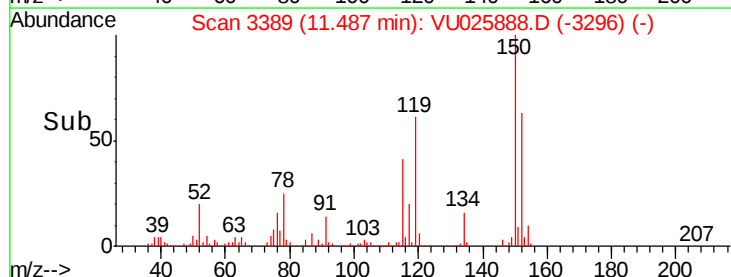
152 100

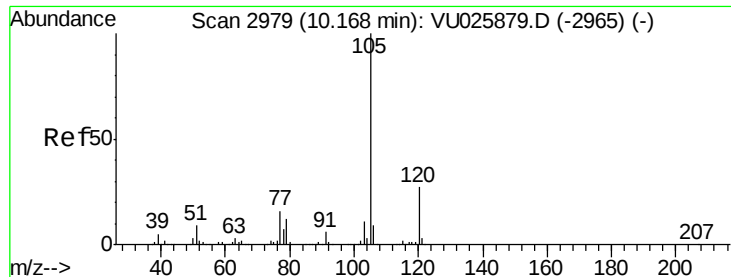
115 66.5 40.1 120.3

150 165.0 0.0 351.4



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: 20.398 ug/l

RT: 10.17 min Scan# 2979

Delta R.T. 0.00 min

Lab File: VU025888.D

Acq: 06 Aug 2018 16:07

Instrument :

MSVOA_U

ClientSampleId :

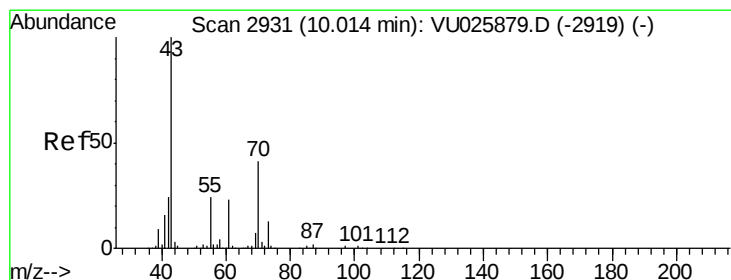
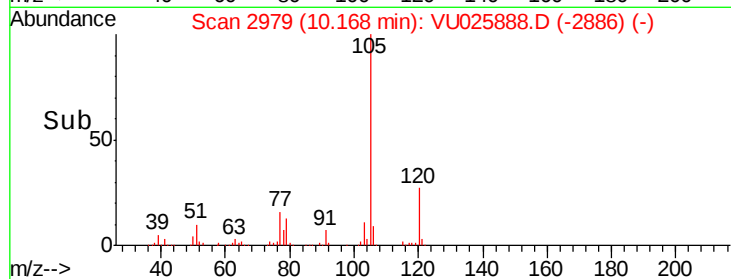
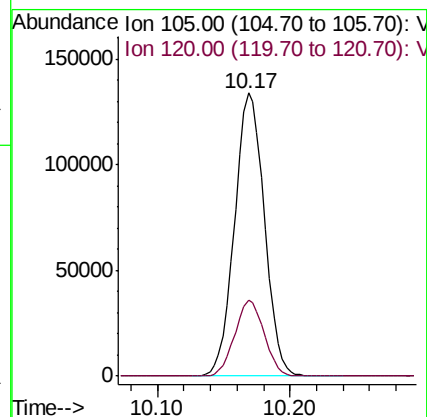
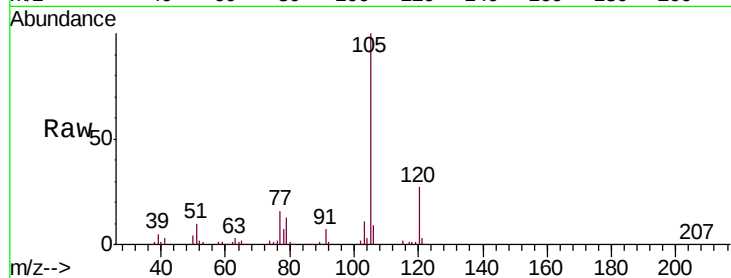
VU0806WBS01

Tgt Ion: 105 Resp: 208625

Ion Ratio Lower Upper

105 100

120 26.5 13.5 40.5



#74

N-ethyl acetate

Concen: 20.471 ug/l

RT: 10.02 min Scan# 2932

Delta R.T. 0.00 min

Lab File: VU025888.D

Acq: 06 Aug 2018 16:07

Tgt Ion: 43 Resp: 85473

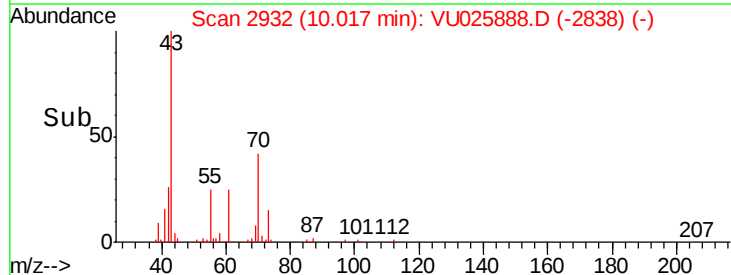
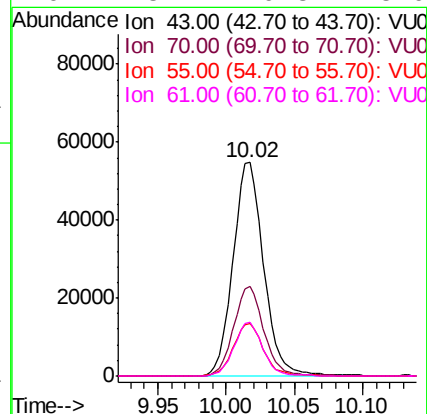
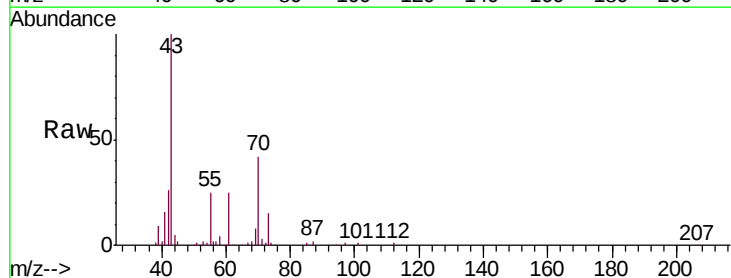
Ion Ratio Lower Upper

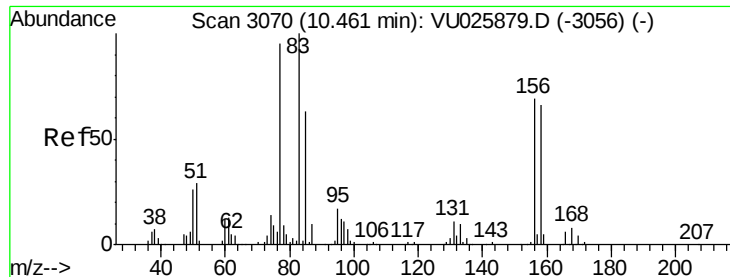
43 100

70 41.4 33.4 50.2

55 24.2 19.0 28.6

61 23.7 19.3 28.9





#75

1,1,2,2-Tetrachloroethane

Concen: 20.402 ug/l

RT: 10.46 min Scan# 3070

Delta R.T. 0.00 min

Lab File: VU025888.D

Acq: 06 Aug 2018 16:07

Instrument :

MSVOA_U

ClientSampleId :

VU0806WBS01

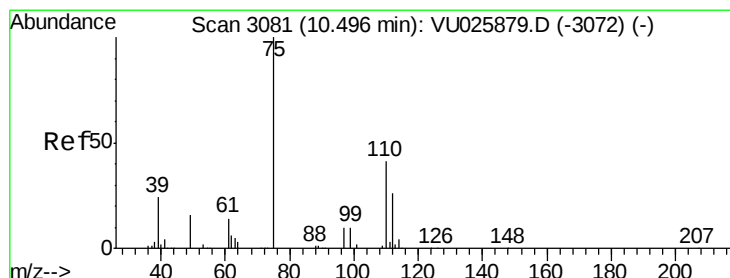
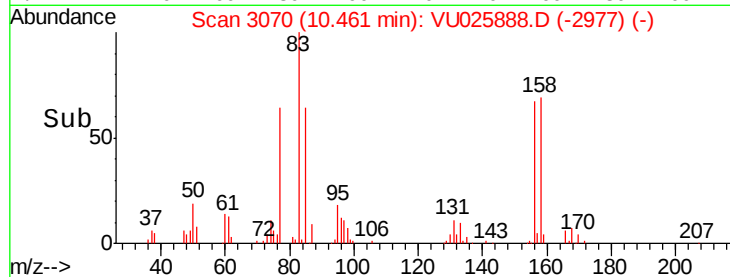
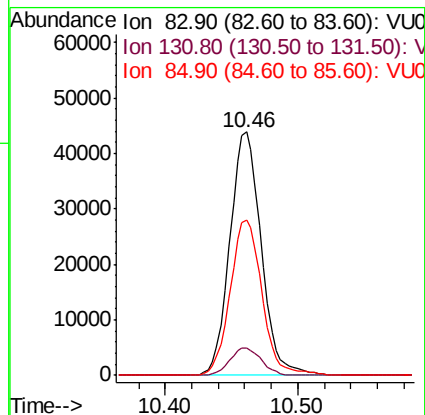
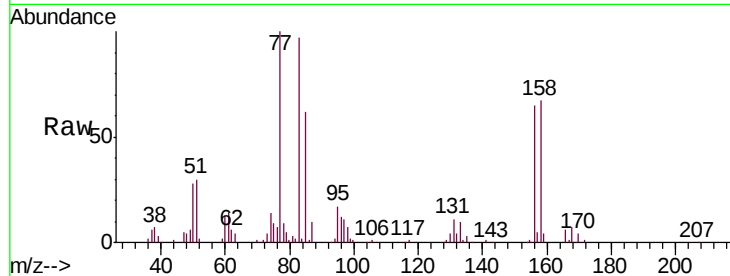
Tgt Ion: 83 Resp: 72160

Ion Ratio Lower Upper

83 100

131 11.2 5.5 16.4

85 64.7 31.6 94.8



#76

1,2,3-Trichloropropane

Concen: 25.482 ug/l

RT: 10.50 min Scan# 3081

Delta R.T. 0.00 min

Lab File: VU025888.D

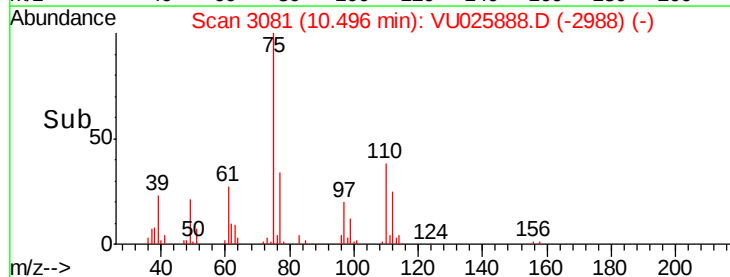
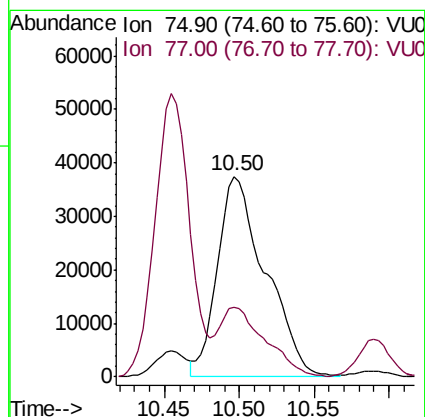
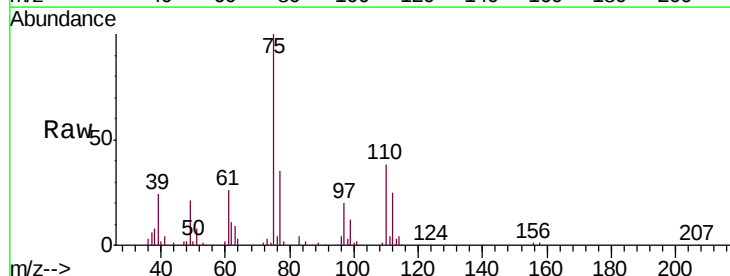
Acq: 06 Aug 2018 16:07

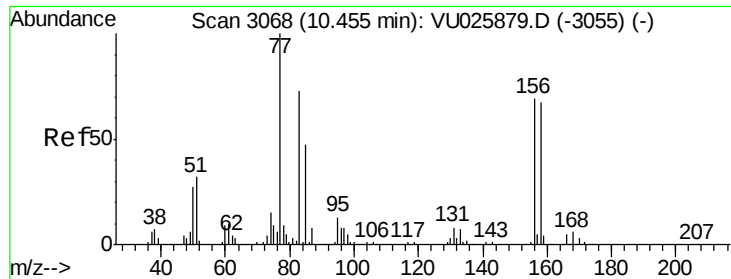
Tgt Ion: 75 Resp: 84136

Ion Ratio Lower Upper

75 100

77 33.7 20.4 61.3





#77

Bromobenzene

Concen: 19.701 ug/l

RT: 10.45 min Scan# 3068

Delta R.T. 0.00 min

Lab File: VU025888.D

Acq: 06 Aug 2018 16:07

Instrument :

MSVOA_U

ClientSampleId :

VU0806WBS01

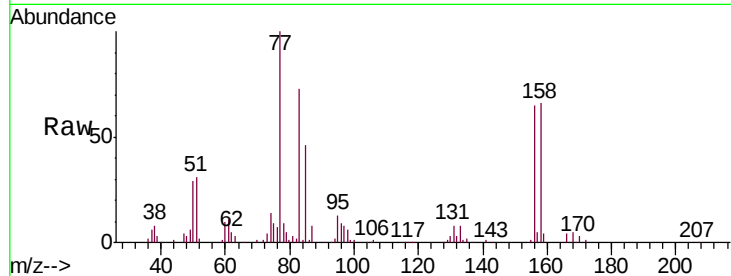
Tgt Ion:156 Resp: 55578

Ion Ratio Lower Upper

156 100

77 152.9 73.8 221.4

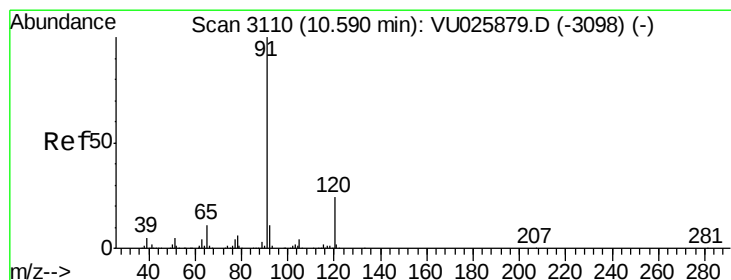
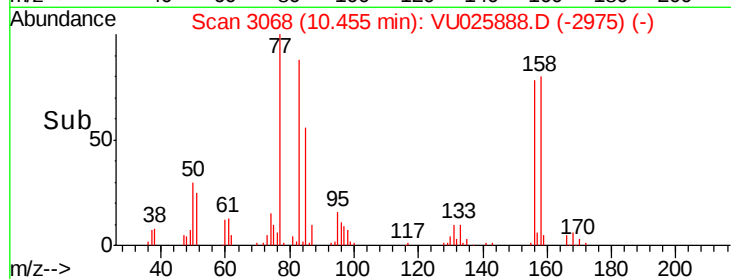
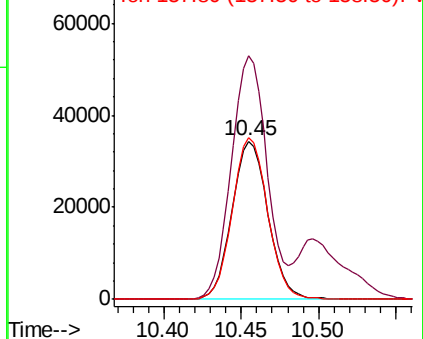
158 100.1 48.0 144.0



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: 20.673 ug/l

RT: 10.59 min Scan# 3110

Delta R.T. 0.00 min

Lab File: VU025888.D

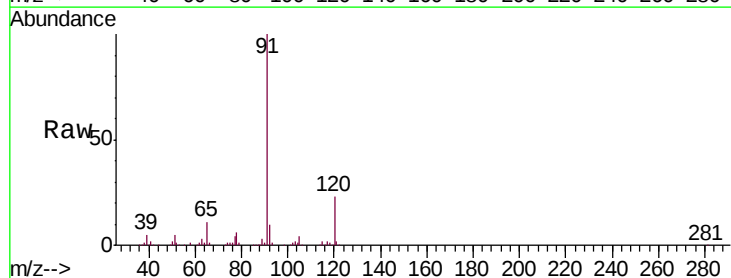
Acq: 06 Aug 2018 16:07

Tgt Ion: 91 Resp: 246780

Ion Ratio Lower Upper

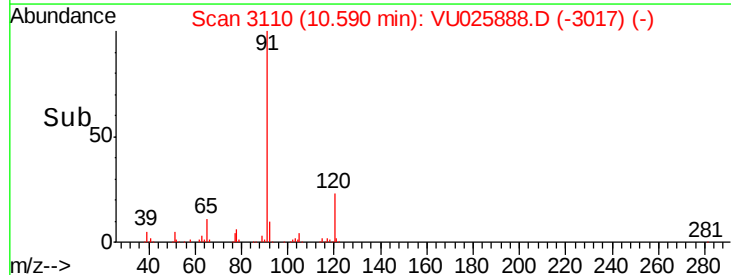
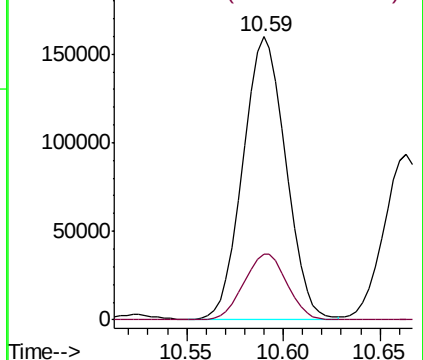
91 100

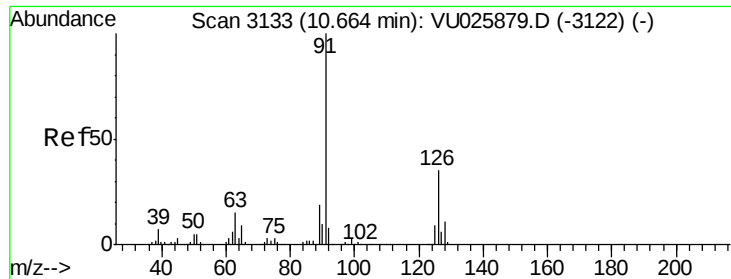
120 23.4 11.8 35.3



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 21.054 ug/l

RT: 10.66 min Scan# 3133

Delta R.T. 0.00 min

Lab File: VU025888.D

Acq: 06 Aug 2018 16:07

Instrument :

MSVOA_U

ClientSampleId :

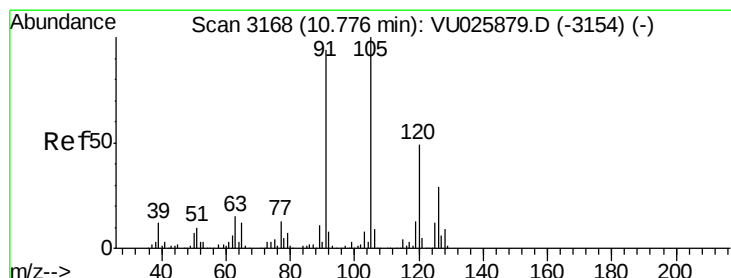
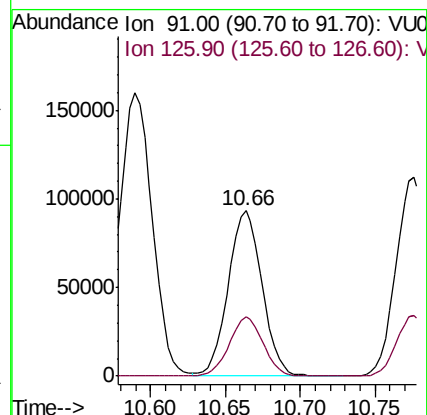
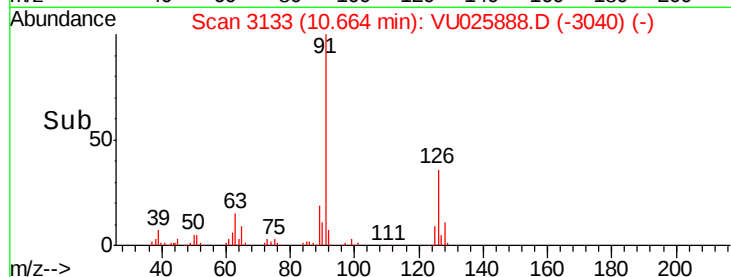
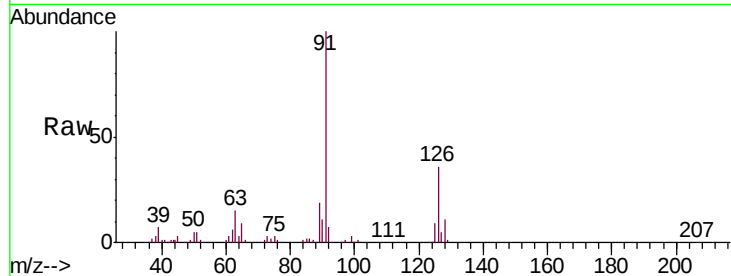
VU0806WBS01

Tgt Ion: 91 Resp: 147212

Ion Ratio Lower Upper

91 100

126 35.5 17.5 52.6



#80

1,3,5-Trimethylbenzene

Concen: 20.733 ug/l

RT: 10.78 min Scan# 3168

Delta R.T. 0.00 min

Lab File: VU025888.D

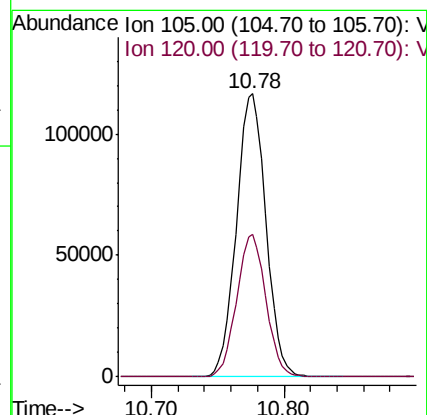
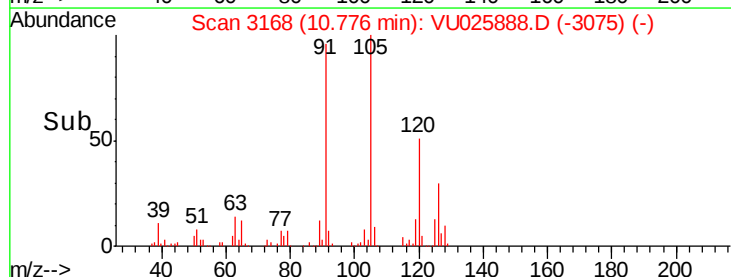
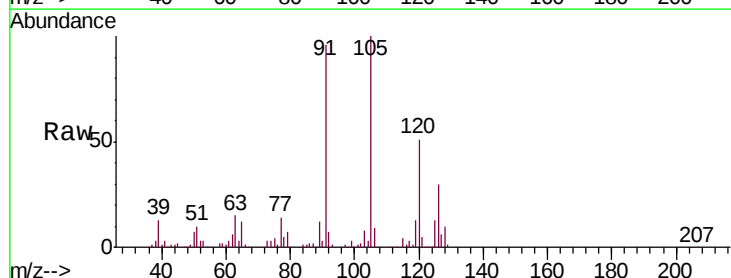
Acq: 06 Aug 2018 16:07

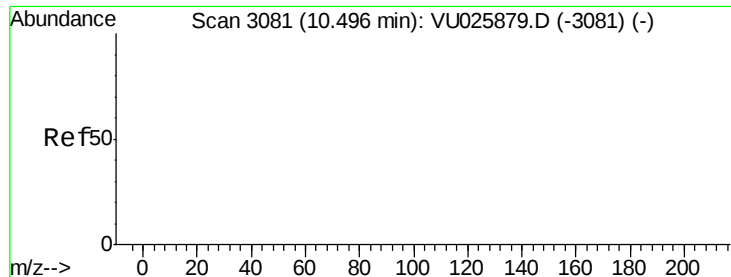
Tgt Ion: 105 Resp: 180091

Ion Ratio Lower Upper

105 100

120 49.7 24.1 72.2

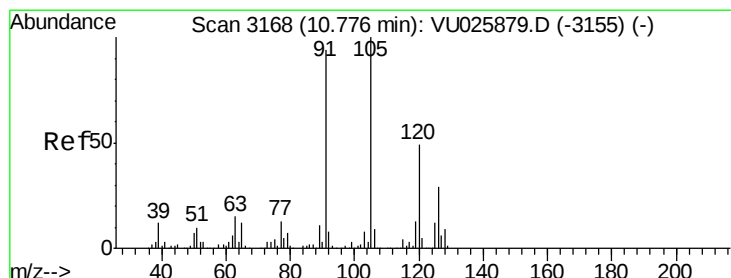
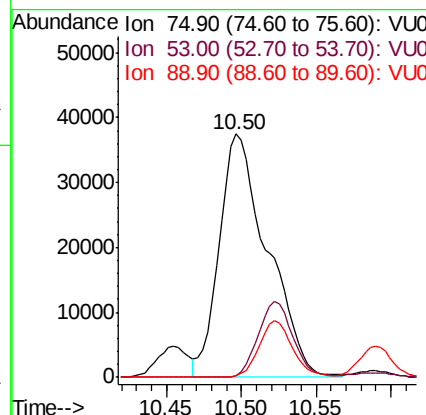
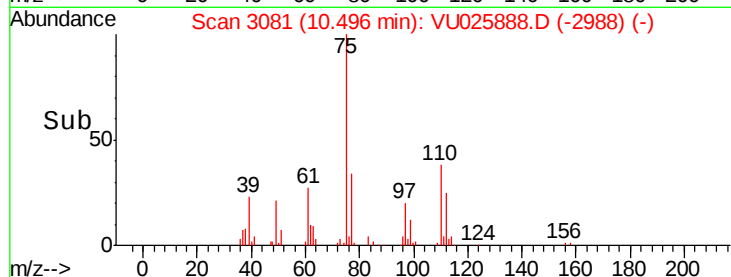
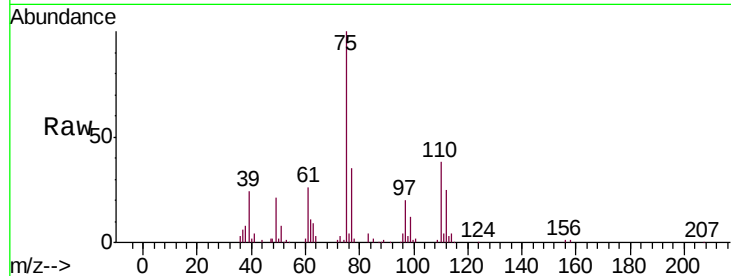




#81
trans-1,4-Dichloro-2-butene
Concen: 63.897 ug/l
RT: 10.50 min Scan# 3081
Delta R.T. 0.00 min
Lab File: VU025888.D
Acq: 06 Aug 2018 16:07

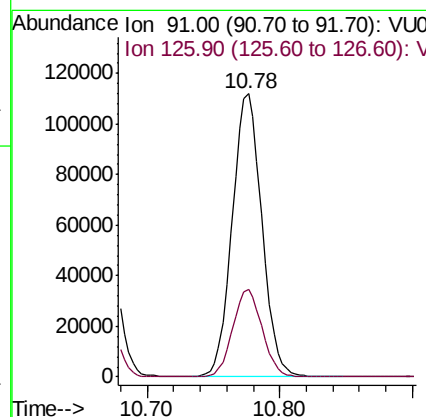
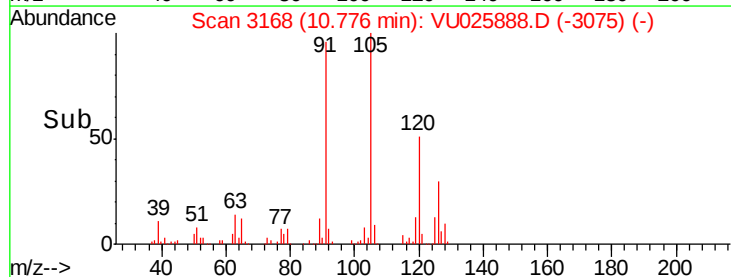
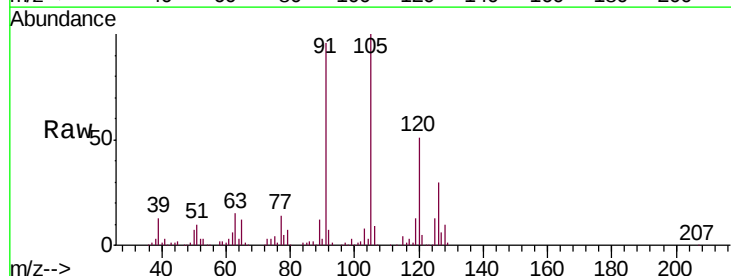
Instrument :
MSVOA_U
ClientSampleId :
VU0806WBS01

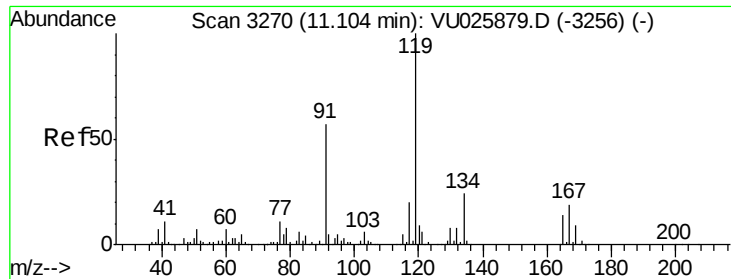
Tgt Ion: 75 Resp: 84136
Ion Ratio Lower Upper
75 100
53 0.0 0.0 0.0
89 0.0 0.0 0.0



#82
4-Chlorotoluene
Concen: 21.047 ug/l
RT: 10.78 min Scan# 3168
Delta R.T. 0.00 min
Lab File: VU025888.D
Acq: 06 Aug 2018 16:07

Tgt Ion: 91 Resp: 173468
Ion Ratio Lower Upper
91 100
126 30.7 15.3 45.9

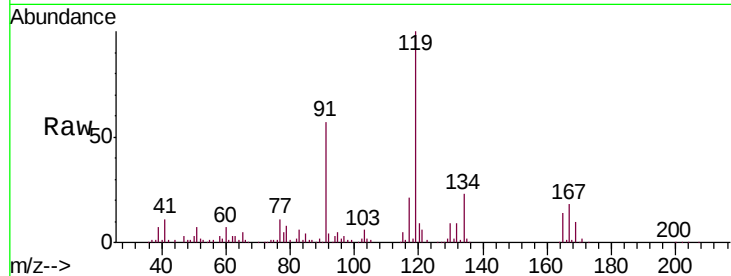




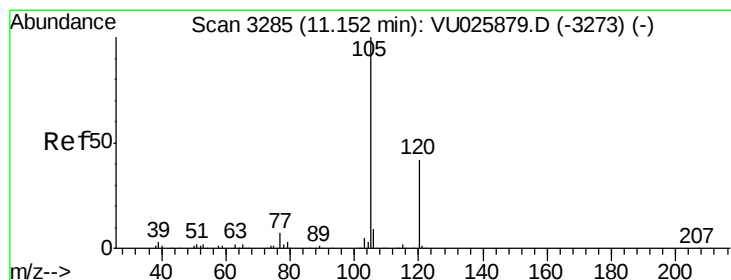
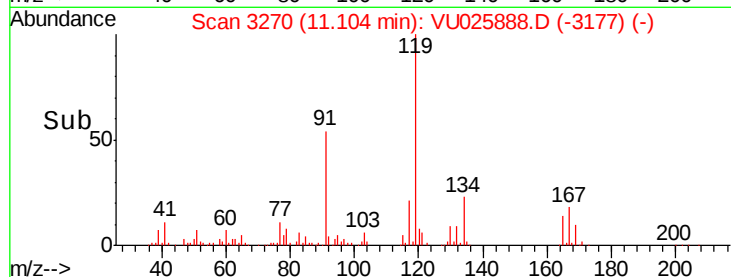
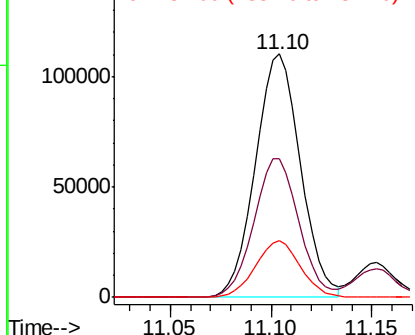
#83
 tert-Butylbenzene
 Concen: 19.904 ug/l
 RT: 11.10 min Scan# 3270
 Delta R.T. 0.00 min
 Lab File: VU025888.D
 Acq: 06 Aug 2018 16:07

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0806WBS01

Tgt Ion:119 Resp: 171780
 Ion Ratio Lower Upper
 119 100
 91 56.7 29.7 89.1
 134 23.0 11.5 34.5

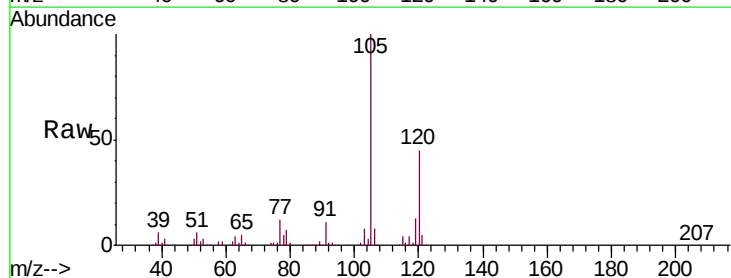


Abundance Ion 119.00 (118.70 to 119.70): V
 150000
 Ion 91.00 (90.70 to 91.70): VU0
 Ion 134.00 (133.70 to 134.70): V

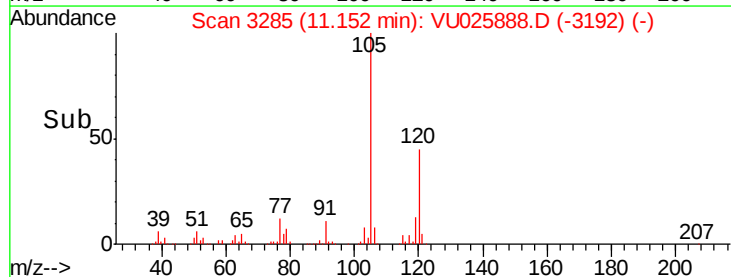
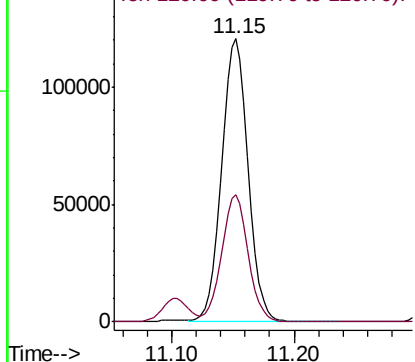


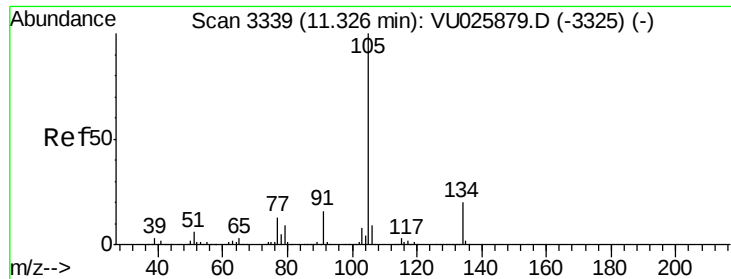
#84
 1,2,4-Trimethylbenzene
 Concen: 20.930 ug/l
 RT: 11.15 min Scan# 3285
 Delta R.T. 0.00 min
 Lab File: VU025888.D
 Acq: 06 Aug 2018 16:07

Tgt Ion:105 Resp: 184229
 Ion Ratio Lower Upper
 105 100
 120 44.9 22.3 66.8



Abundance Ion 105.00 (104.70 to 105.70): V
 100000
 Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 19.804 ug/l

RT: 11.33 min Scan# 3339

Delta R.T. 0.00 min

Lab File: VU025888.D

Acq: 06 Aug 2018 16:07

Instrument :

MSVOA_U

ClientSampleId :

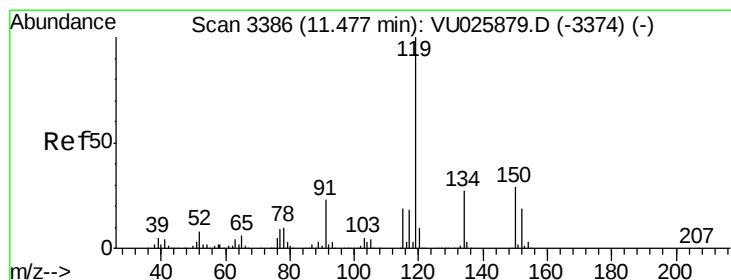
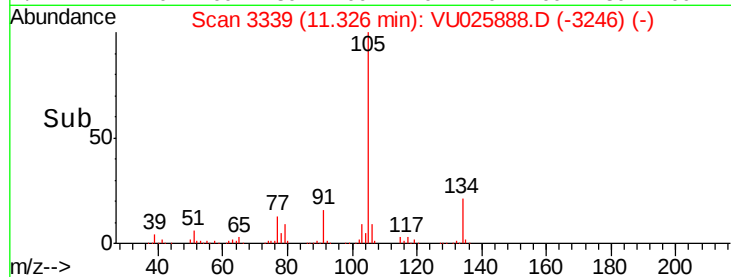
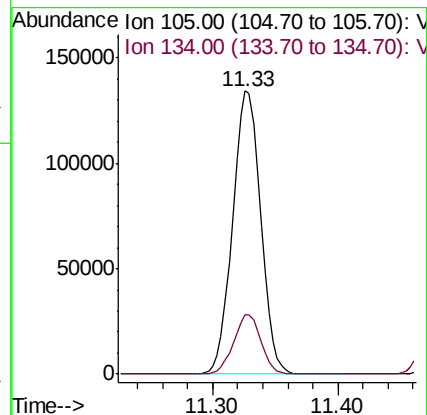
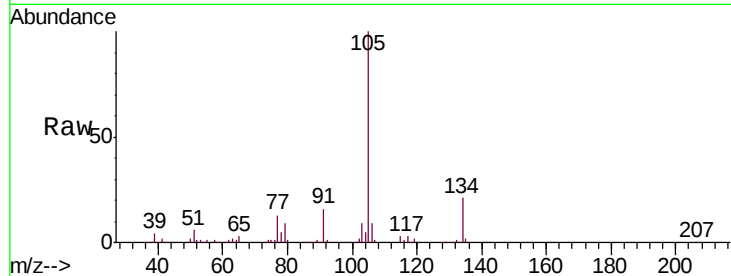
VU0806WBS01

Tgt Ion:105 Resp: 208674

Ion Ratio Lower Upper

105 100

134 20.4 10.3 30.8



#86

p-Isopropyltoluene

Concen: 19.718 ug/l

RT: 11.48 min Scan# 3387

Delta R.T. 0.00 min

Lab File: VU025888.D

Acq: 06 Aug 2018 16:07

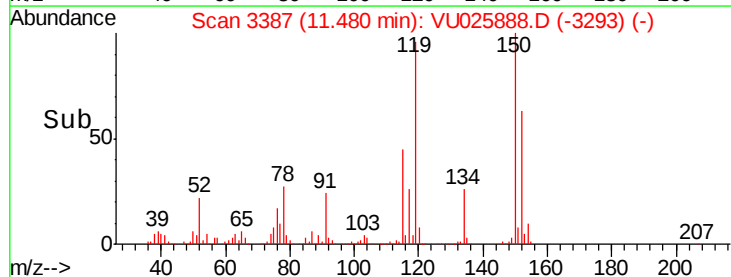
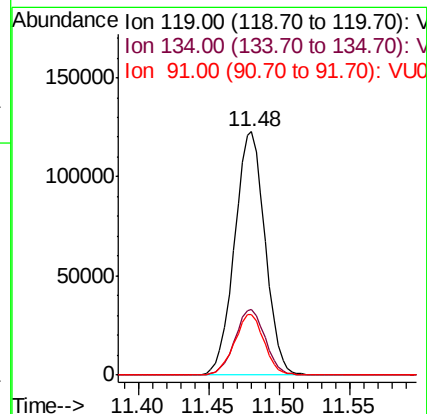
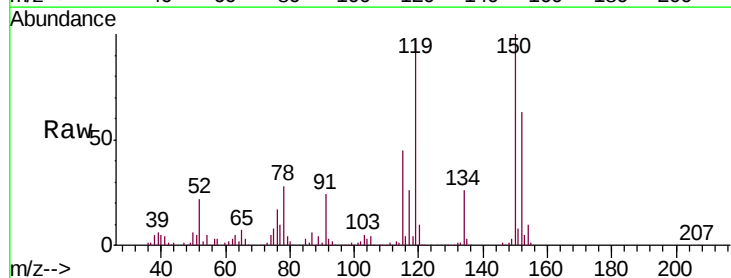
Tgt Ion:119 Resp: 186036

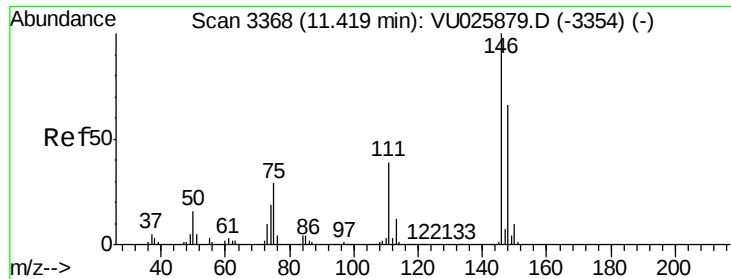
Ion Ratio Lower Upper

119 100

134 26.9 13.2 39.5

91 24.4 12.0 36.1





#87

1,3-Dichlorobenzene

Concen: 20.354 ug/l

RT: 11.42 min Scan# 3368

Delta R.T. 0.00 min

Lab File: VU025888.D

Acq: 06 Aug 2018 16:07

Instrument :

MSVOA_U

ClientSampleId :

VU0806WBS01

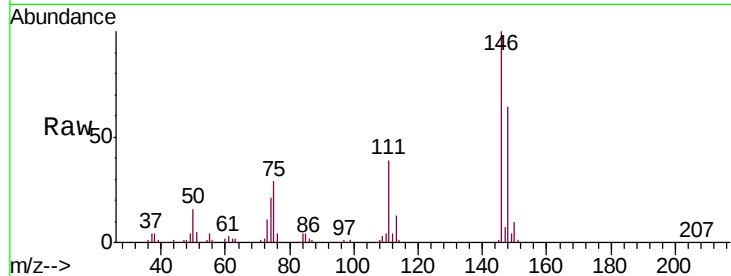
Tgt Ion:146 Resp: 106581

Ion Ratio Lower Upper

146 100

111 39.5 19.7 59.1

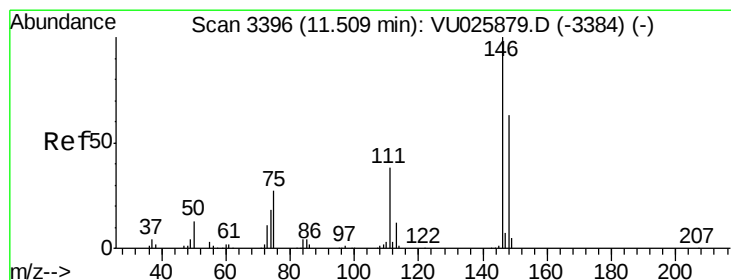
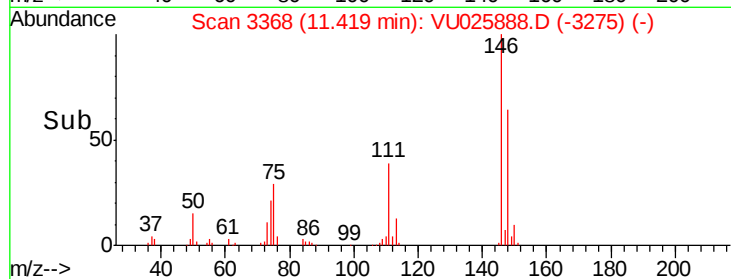
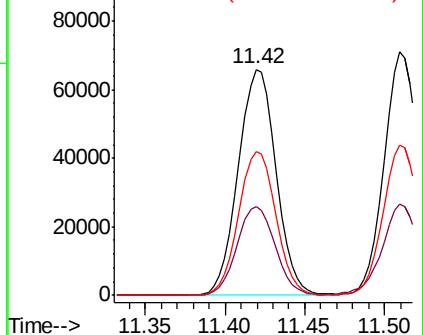
148 62.7 32.1 96.3



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



#88

1,4-Dichlorobenzene

Concen: 19.980 ug/l

RT: 11.51 min Scan# 3396

Delta R.T. 0.00 min

Lab File: VU025888.D

Acq: 06 Aug 2018 16:07

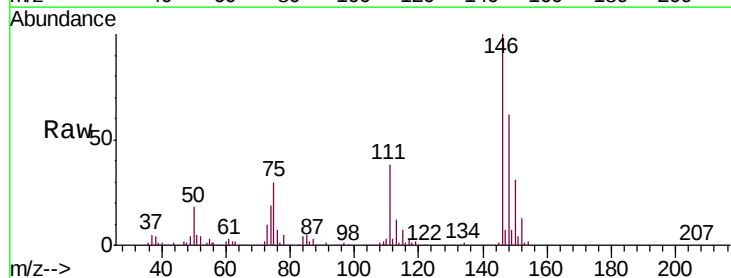
Tgt Ion:146 Resp: 109060

Ion Ratio Lower Upper

146 100

111 39.7 19.4 58.1

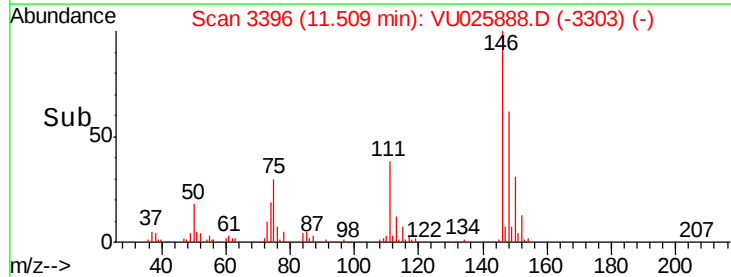
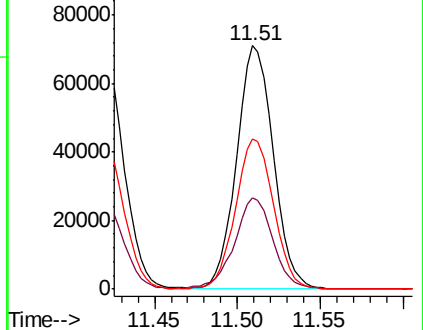
148 64.5 31.7 95.1

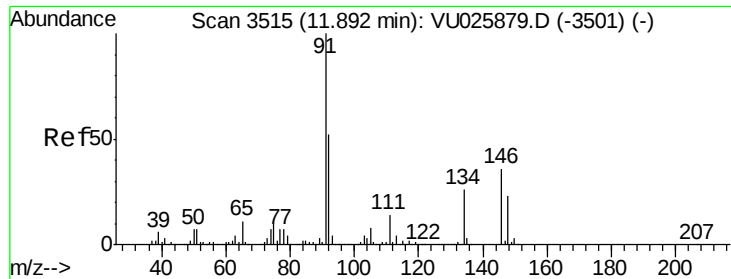


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 18.964 ug/l

RT: 11.89 min Scan# 3515

Delta R.T. 0.00 min

Lab File: VU025888.D

Acq: 06 Aug 2018 16:07

Instrument :

MSVOA_U

ClientSampleId :

VU0806WBS01

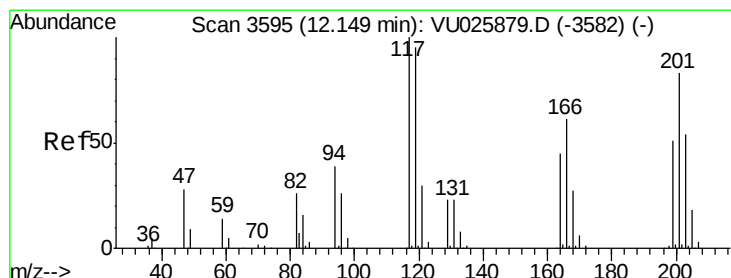
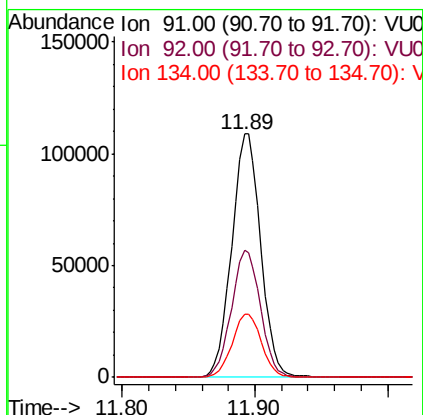
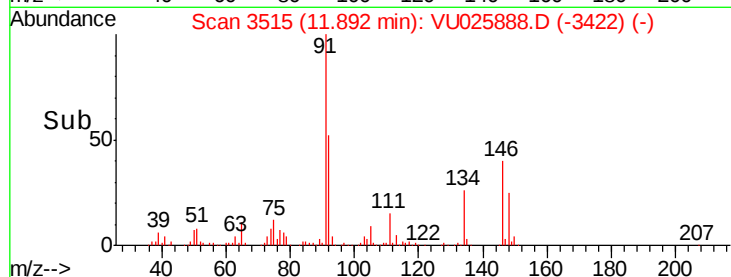
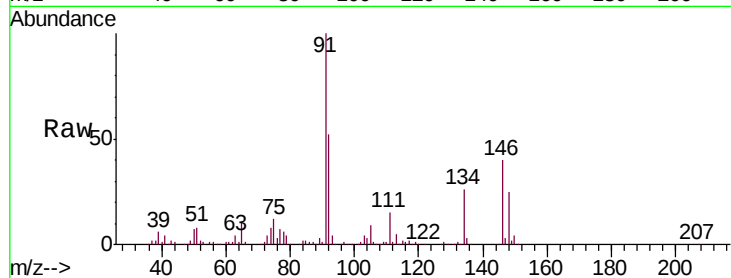
Tgt Ion: 91 Resp: 165111

Ion Ratio Lower Upper

91 100

92 52.3 26.5 79.5

134 26.1 13.6 40.7



#90

Hexachloroethane

Concen: 19.491 ug/l

RT: 12.15 min Scan# 3595

Delta R.T. 0.00 min

Lab File: VU025888.D

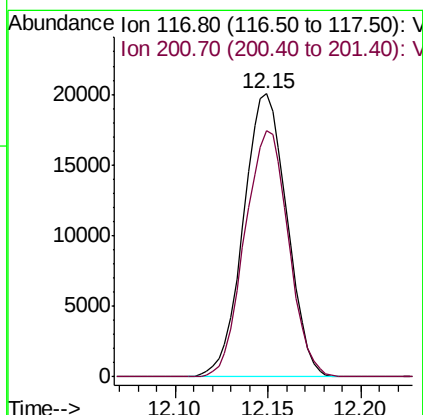
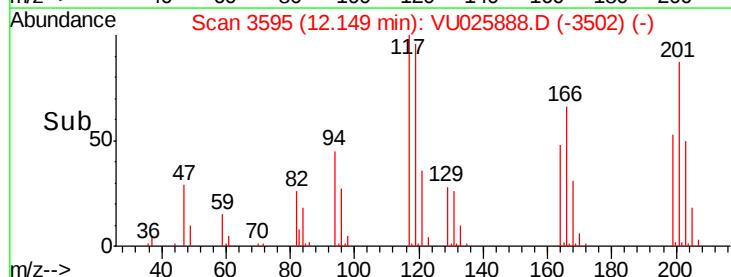
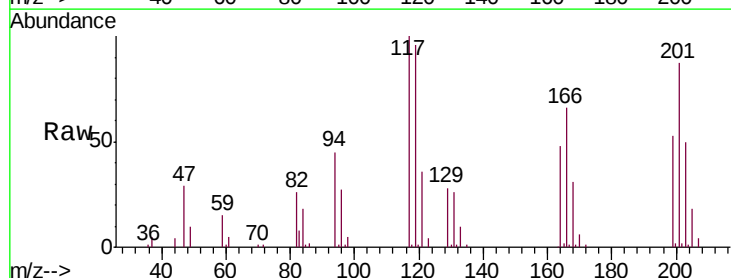
Acq: 06 Aug 2018 16:07

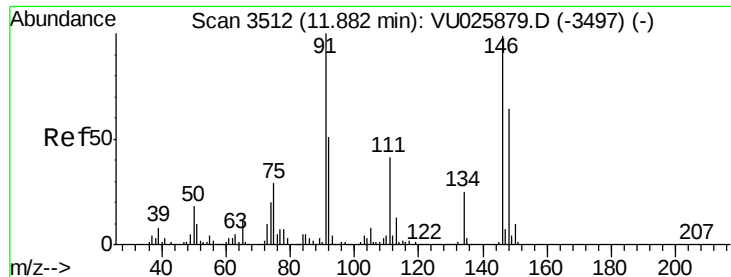
Tgt Ion: 117 Resp: 32696

Ion Ratio Lower Upper

117 100

201 87.1 42.5 127.6

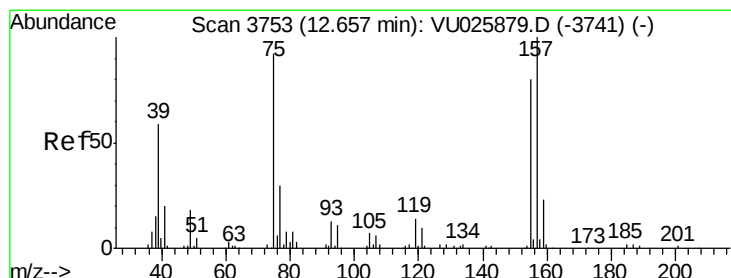
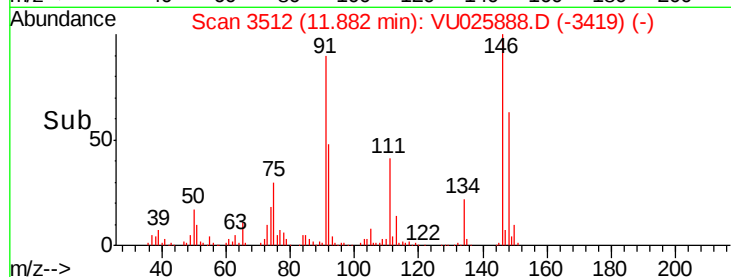
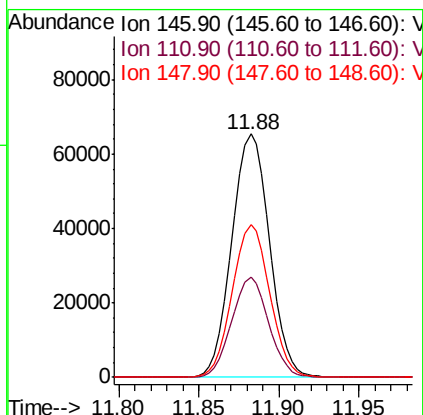
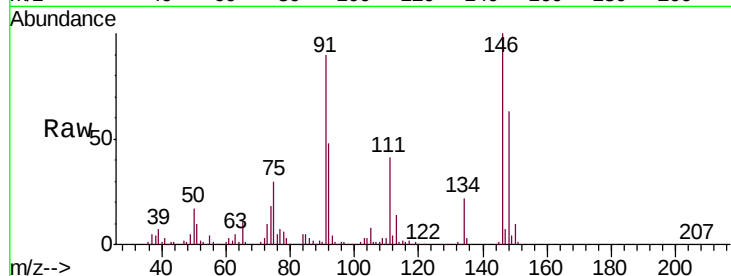




#91
 1,2-Dichlorobenzene
 Concen: 20.464 ug/l
 RT: 11.88 min Scan# 3512
 Delta R.T. 0.00 min
 Lab File: VU025888.D
 Acq: 06 Aug 2018 16:07

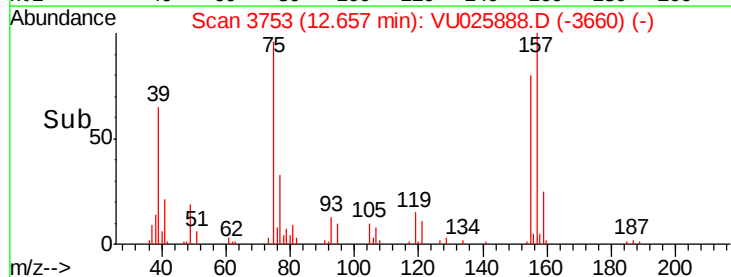
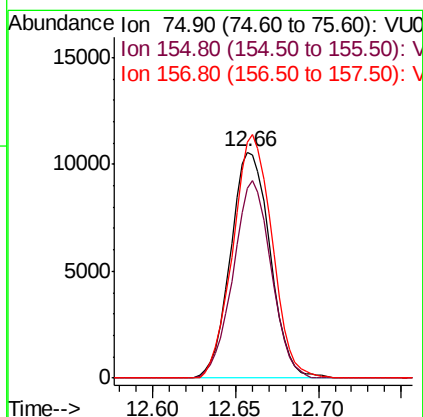
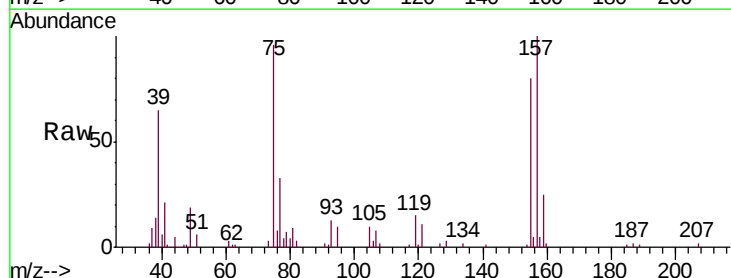
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0806WBS01

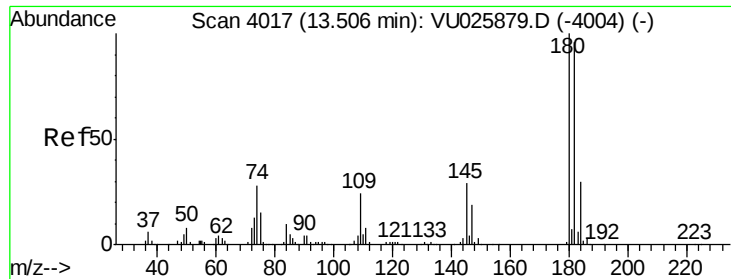
Tgt Ion:146 Resp: 105034
 Ion Ratio Lower Upper
 146 100
 111 40.2 20.6 61.8
 148 62.3 31.5 94.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.942 ug/l
 RT: 12.66 min Scan# 3753
 Delta R.T. 0.00 min
 Lab File: VU025888.D
 Acq: 06 Aug 2018 16:07

Tgt Ion: 75 Resp: 17560
 Ion Ratio Lower Upper
 75 100
 155 83.8 44.5 133.3
 157 107.0 57.0 170.8

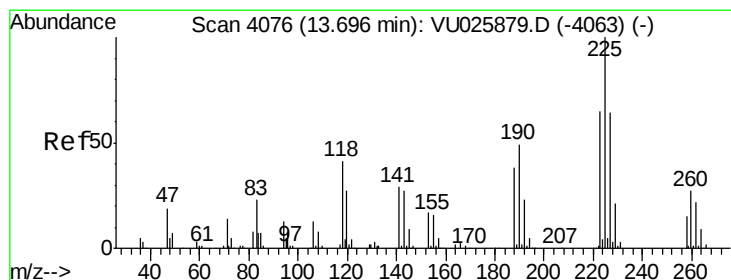
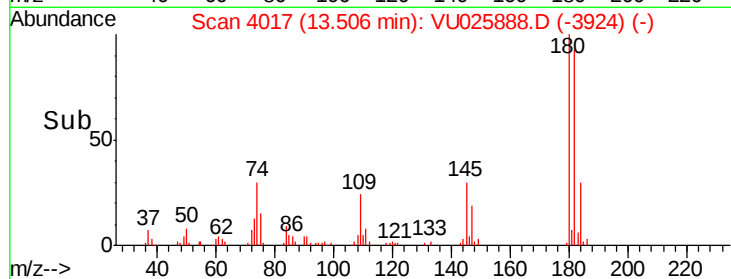
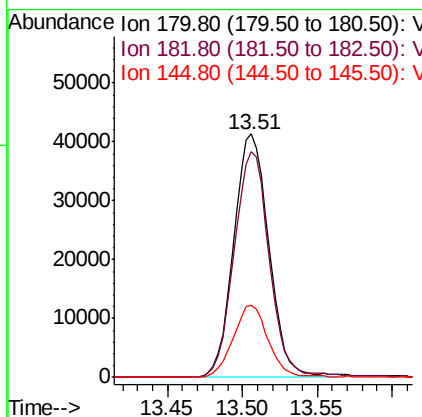
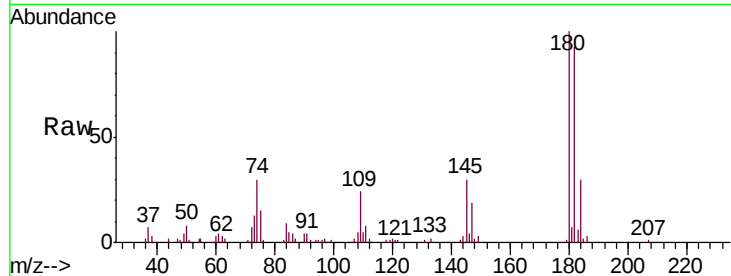




#93
 1,2,4-Trichlorobenzene
 Concen: 19.573 ug/l
 RT: 13.51 min Scan# 4017
 Delta R.T. 0.00 min
 Lab File: VU025888.D
 Acq: 06 Aug 2018 16:07

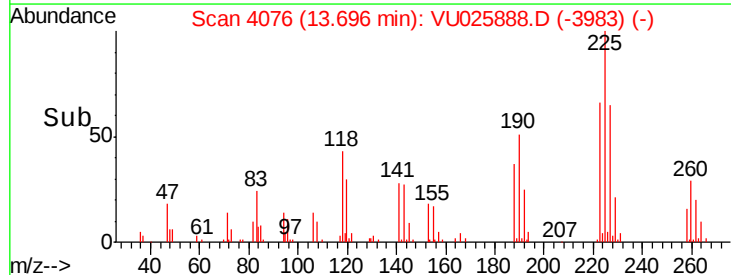
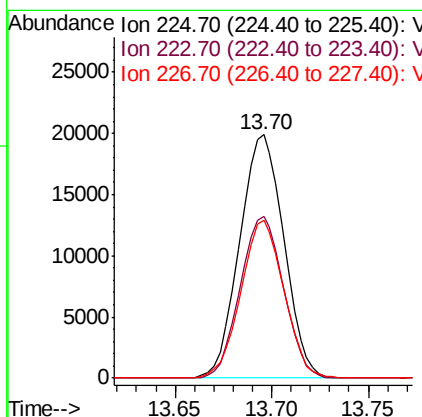
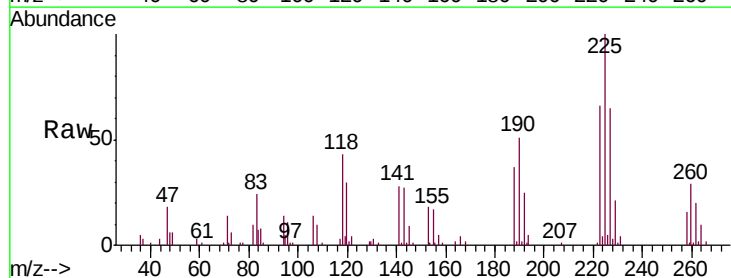
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0806WBS01

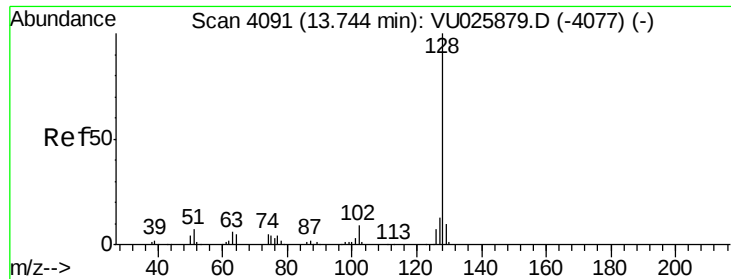
Tgt Ion	Ratio	Lower	Upper
180	100		
182	91.7	47.3	141.9
145	29.6	14.9	44.7



#94
 Hexachlorobutadiene
 Concen: 17.318 ug/l
 RT: 13.70 min Scan# 4076
 Delta R.T. 0.00 min
 Lab File: VU025888.D
 Acq: 06 Aug 2018 16:07

Tgt Ion	Ratio	Lower	Upper
225	100		
223	65.1	31.9	95.7
227	63.2	32.3	96.9

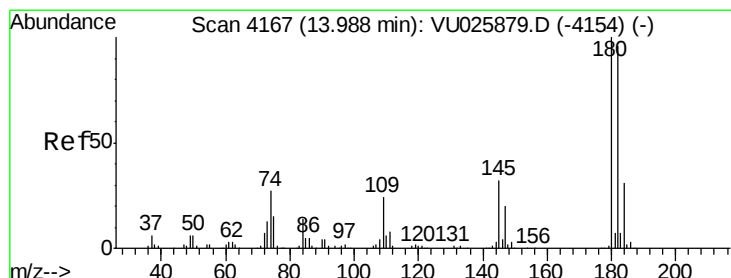
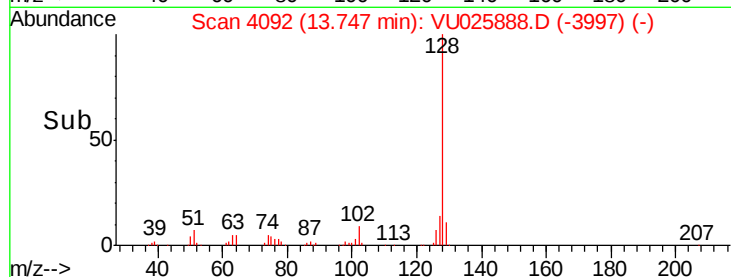
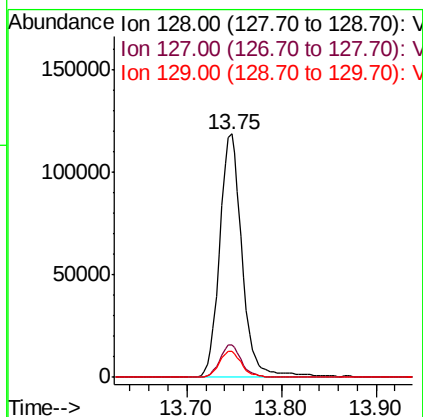
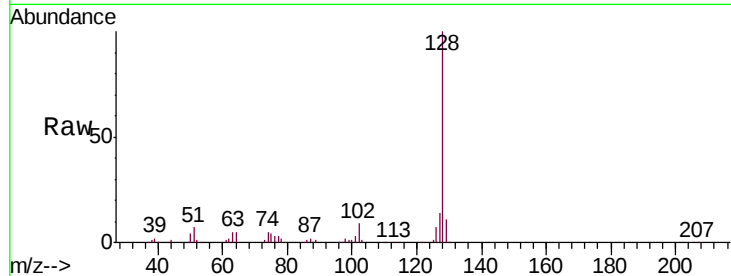




#95
Naphthalene
Concen: 18.440 ug/l
RT: 13.75 min Scan# 4092
Delta R.T. 0.00 min
Lab File: VU025888.D
Acq: 06 Aug 2018 16:07

Instrument :
MSVOA_U
ClientSampleId :
VU0806WBS01

Tgt Ion:128 Resp: 196178
Ion Ratio Lower Upper
128 100
127 12.9 10.5 15.7
129 10.5 8.3 12.5



#96
1,2,3-Trichlorobenzene
Concen: 19.988 ug/l
RT: 13.99 min Scan# 4168
Delta R.T. 0.00 min
Lab File: VU025888.D
Acq: 06 Aug 2018 16:07

Tgt Ion:180 Resp: 69072
Ion Ratio Lower Upper
180 100
182 96.2 47.8 143.3
145 31.1 15.6 46.8

