

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U121118\
 Data File : VU028597.D
 Acq On : 11 Dec 2018 10:30
 Operator : MD/SY
 Sample : J6314-12MS
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BPS1-TT-MW303I2-20181207MS

Quant Time: Dec 11 11:42:50 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U120618W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 07 00:39:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	89448	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.88	114	161835	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	151357	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	73625	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.31	65	75341	55.19	ug/l	0.00
Spiked Amount			Recovery	=	110.38%	
35) Dibromofluoromethane	4.88	113	54939	53.94	ug/l	0.00
Spiked Amount			Recovery	=	107.88%	
50) Toluene-d8	7.56	98	212775	52.81	ug/l	0.00
Spiked Amount			Recovery	=	105.62%	
62) 4-Bromofluorobenzene	10.30	95	79015	52.47	ug/l	0.00
Spiked Amount			Recovery	=	104.94%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.21	85	61658	51.428	ug/l	99
3) Chloromethane	1.33	50	106847	48.474	ug/l	99
4) Vinyl Chloride	1.40	62	81541	51.261	ug/l	99
5) Bromomethane	1.61	94	30963	48.322	ug/l	99
6) Chloroethane	1.69	64	45775	50.831	ug/l	96
7) Trichlorofluoromethane	1.88	101	83561	49.929	ug/l	99
8) Diethyl Ether	2.10	74	38153	48.727	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.28	101	48950	48.905	ug/l	98
10) Methyl Iodide	2.41	142	46914	59.734	ug/l	98
11) Tert butyl alcohol	2.83	59	84152	276.703	ug/l	98
12) 1,1-Dichloroethene	2.28	96	49733	49.938	ug/l	99
13) Acrolein	2.19	56	55618	229.405	ug/l	99
14) Allyl chloride	2.59	41	111216	47.206	ug/l	99
15) Acrylonitrile	2.93	53	234020	277.161	ug/l	99
16) Acetone	2.32	43	187311	210.285	ug/l	99
17) Carbon Disulfide	2.48	76	172045	47.954	ug/l	99
18) Methyl Acetate	2.61	43	114222	49.467	ug/l	98
19) Methyl tert-butyl Ether	3.00	73	194458	51.507	ug/l	99
20) Methylene Chloride	2.70	84	62922	47.919	ug/l	98
21) trans-1,2-Dichloroethene	2.98	96	55294	49.312	ug/l	98
22) Diisopropyl ether	3.57	45	244263	53.314	ug/l	97
23) Vinyl Acetate	3.52	43	863443	228.480	ug/l	99
24) 1,1-Dichloroethane	3.44	63	121709	50.749	ug/l	99
25) 2-Butanone	4.26	43	321038	263.731	ug/l	97
26) 2,2-Dichloropropane	4.23	77	67086	35.303	ug/l	97
27) cis-1,2-Dichloroethene	4.22	96	64091	50.499	ug/l	97
28) Bromochloromethane	4.55	49	117448	107.726	ug/l	98
29) Tetrahydrofuran	4.64	42	221386	283.177	ug/l	97
30) Chloroform	4.67	83	109468	52.371	ug/l	94
31) Cyclohexane	4.99	56	118348	50.582	ug/l	100
32) 1,1,1-Trichloroethane	4.92	97	89108	51.329	ug/l	98
36) 1,1-Dichloropropene	5.13	75	84845	47.910	ug/l	100
37) Ethyl Acetate	4.38	43	107317	46.878	ug/l	98
38) Carbon Tetrachloride	5.13	117	70777	49.585	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.41	83	99687	46.140	ug/l	99
40) Benzene	5.39	78	261116	50.062	ug/l	99
41) Methacrylonitrile	4.54	41	67935	54.187	ug/l	99
42) 1,2-Dichloroethane	5.40	62	90790	49.728	ug/l	99
43) Isopropyl Acetate	5.55	43	178919	49.412	ug/l	99
44) Trichloroethene	6.19	130	59290	51.124	ug/l	100
45) 1,2-Dichloropropane	6.43	63	75969	51.795	ug/l	98
46) Dibromomethane	6.56	93	44310	50.916	ug/l	99
47) Bromodichloromethane	6.76	83	84628	49.973	ug/l	98
48) Methyl methacrylate	6.62	41	97854	54.341	ug/l	99
49) 1,4-Dioxane	6.61	88	31094	1093.594	ug/l	96
51) 4-Methyl-2-Pentanone	7.46	43	617607	270.430	ug/l	99
52) Toluene	7.64	92	151370	49.312	ug/l	100
53) t-1,3-Dichloropropene	7.88	75	95793	47.496	ug/l	100
54) cis-1,3-Dichloropropene	7.27	75	102361	46.779	ug/l	98
55) 1,1,2-Trichloroethane	8.06	97	62361	51.394	ug/l	96
56) Ethyl methacrylate	8.02	69	109106	52.508	ug/l	99
57) 1,3-Dichloropropane	8.24	76	113671	50.466	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.27	63	602	0.566	ug/l #	54
59) 2-Hexanone	8.36	43	470602	259.979	ug/l	99
60) Dibromochloromethane	8.48	129	58885	49.567	ug/l	99
61) 1,2-Dibromoethane	8.58	107	64799	50.925	ug/l	99
64) Tetrachloroethene	8.22	164	48707	48.244	ug/l	98
65) Chlorobenzene	9.12	112	157969	48.979	ug/l	98
66) 1,1,1,2-Tetrachloroethane	9.21	131	53383	51.832	ug/l	99
67) Ethyl Benzene	9.25	91	293833	49.558	ug/l	98
68) m/p-Xylenes	9.37	106	213423	98.924	ug/l	98
69) o-Xylene	9.78	106	105071	50.115	ug/l	98
70) Styrene	9.79	104	173365	49.965	ug/l	100
71) Bromoform	9.96	173	45128	51.507	ug/l #	97
73) Isopropylbenzene	10.16	105	279358	49.448	ug/l	99
74) N-amyl acetate	10.01	43	148862	45.680	ug/l	99
75) 1,1,1,2-Tetrachloroethane	10.46	83	115952	53.429	ug/l	100
76) 1,2,3-Trichloropropane	10.49	75	132255	70.347	ug/l	82
77) Bromobenzene	10.45	156	65941	49.907	ug/l	100
78) n-propylbenzene	10.58	91	340378	48.487	ug/l	99
79) 2-Chlorotoluene	10.66	91	199957	49.449	ug/l	99
80) 1,3,5-Trimethylbenzene	10.77	105	233090	49.843	ug/l	100
81) trans-1,4-Dichloro-2-buten	10.49	75	132255	171.673	ug/l #	100
82) 4-Chlorotoluene	10.77	91	229744	47.945	ug/l	100
83) tert-Butylbenzene	11.10	119	222602	49.385	ug/l	98
84) 1,2,4-Trimethylbenzene	11.15	105	239422	49.678	ug/l	100
85) sec-Butylbenzene	11.32	105	283647	48.983	ug/l	100
86) p-Isopropyltoluene	11.48	119	235465	47.869	ug/l	99
87) 1,3-Dichlorobenzene	11.41	146	120377	48.249	ug/l	99
88) 1,4-Dichlorobenzene	11.50	146	119354	46.238	ug/l	99
89) n-Butylbenzene	11.89	91	226993	45.597	ug/l	100
90) Hexachloroethane	12.14	117	36368	48.915	ug/l	100
91) 1,2-Dichlorobenzene	11.88	146	121331	48.618	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.65	75	25197	53.628	ug/l	97

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Quant Title : SW846 8260
QLast Update : Fri Dec 07 00:39:42 2018
Response via : Initial Calibration

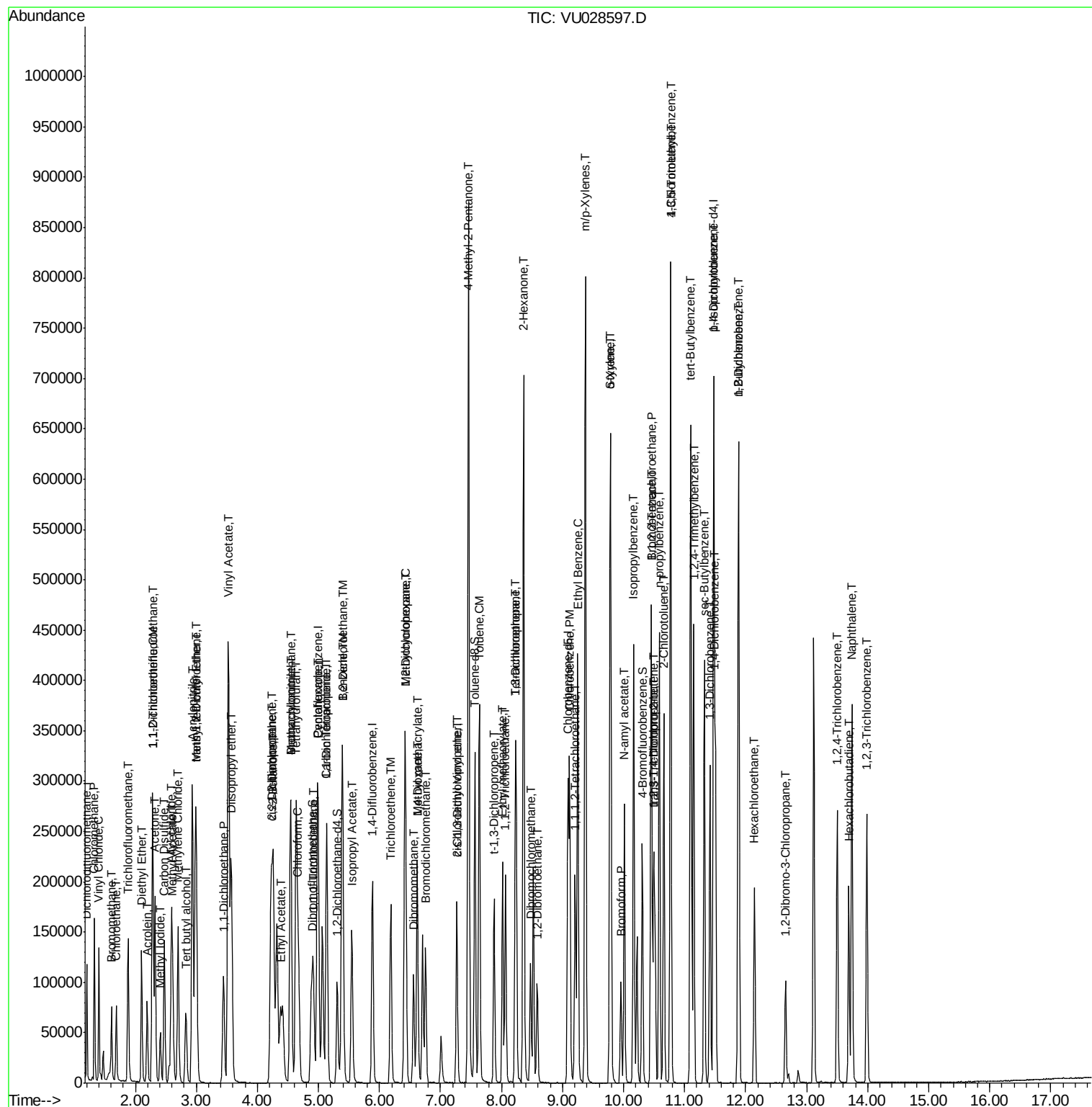
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.50	180	79216	46.257	ug/l	99
94) Hexachlorobutadiene	13.69	225	35295	43.175	ug/l	96
95) Naphthalene	13.74	128	287867	48.070	ug/l	100
96) 1,2,3-Trichlorobenzene	13.99	180	81493	47.754	ug/l	99

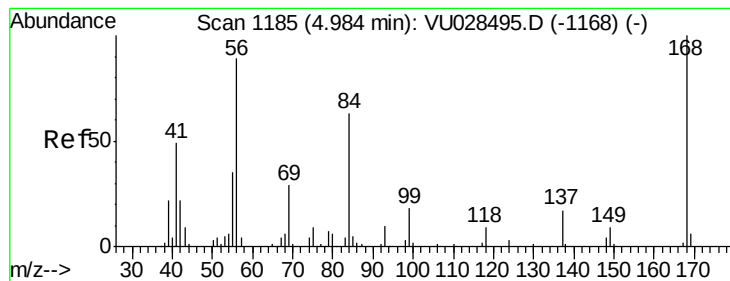
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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 Acq On : 11 Dec 2018 10:30
 Operator : MD/SY
 Sample : J6314-12MS
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BPS1-TT-MW30312-20181207MS

Quant Time: Dec 11 11:42:50 2018
 Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\82U120618W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 07 00:39:42 2018
 Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.98 min Scan# 1185

Delta R.T. -0.00 min

Lab File: VU028597.D

Acq: 11 Dec 2018 10:30

Instrument :

MSVOA_U

ClientSampleId :

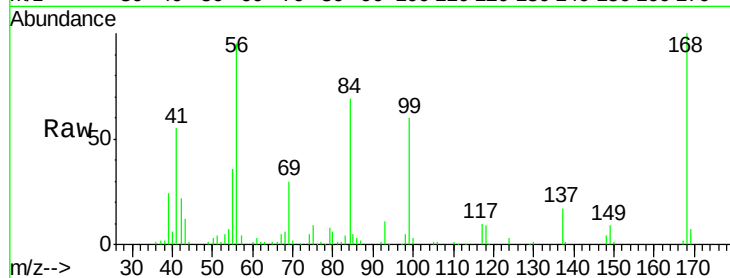
BPS1-TT-MW303I2-20181207MS

Tot Ion:168 Resp: 89448

Ion Ratio Lower Upper

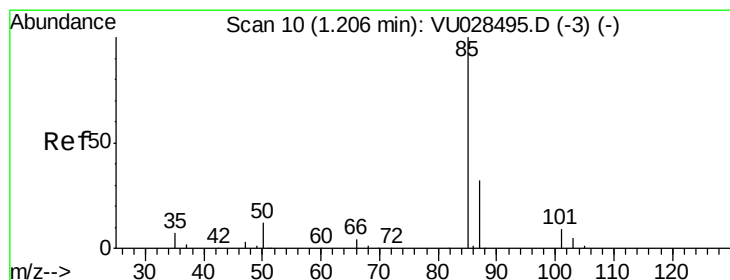
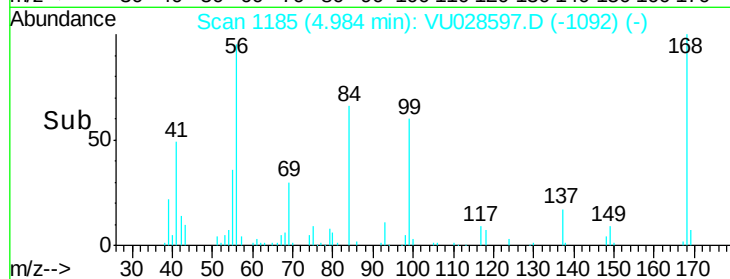
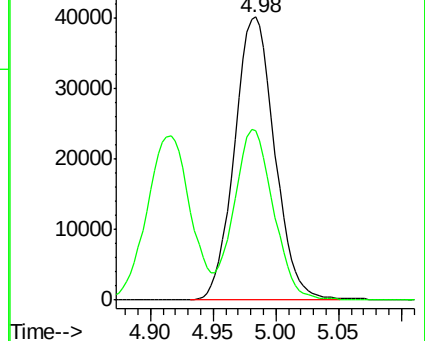
168 100

99 59.7 46.6 69.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VU0



#2

Dichlorodifluoromethane

Concen: 51.428 ug/l

RT: 1.21 min Scan# 10

Delta R.T. -0.00 min

Lab File: VU028597.D

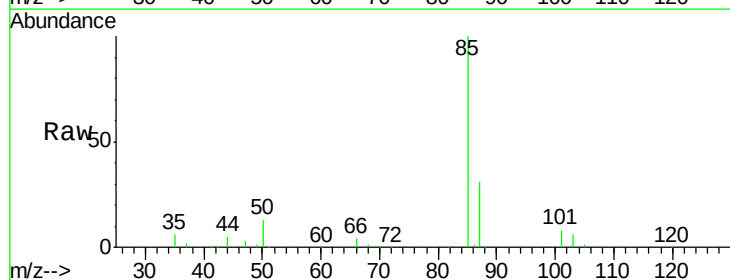
Acq: 11 Dec 2018 10:30

Tgt Ion: 85 Resp: 61658

Ion Ratio Lower Upper

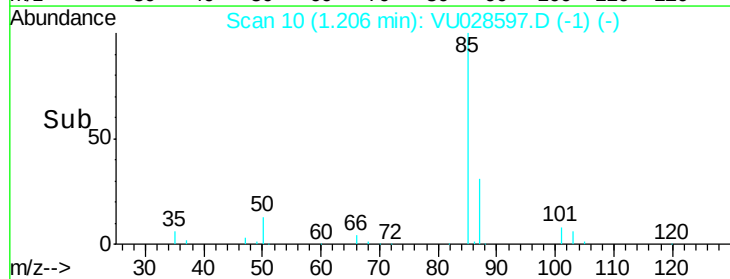
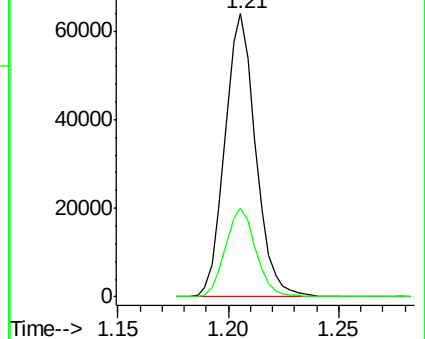
85 100

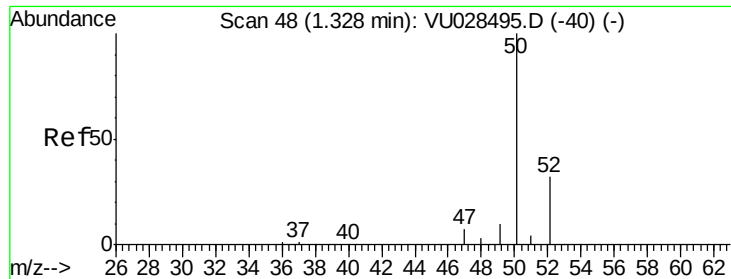
87 31.3 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VU0

Ion 86.90 (86.60 to 87.60): VU0





#3

Chloromethane

Concen: 48.474 ug/l

RT: 1.33 min Scan# 48

Delta R.T. -0.00 min

Lab File: VU028597.D

Acq: 11 Dec 2018 10:30

Instrument :

MSVOA_U

ClientSampleId :

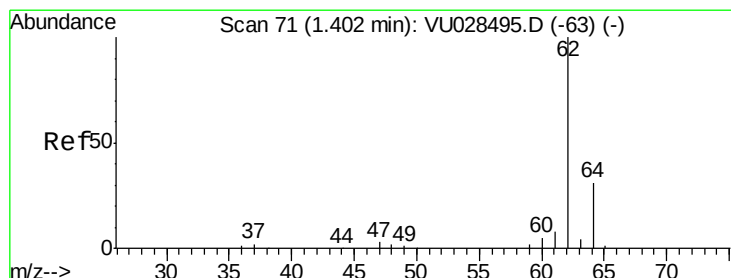
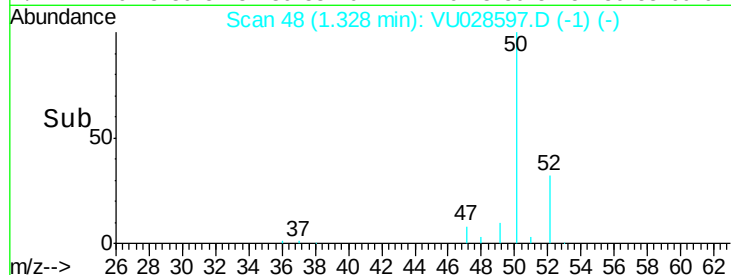
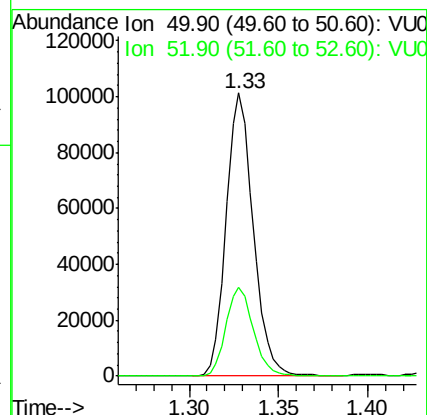
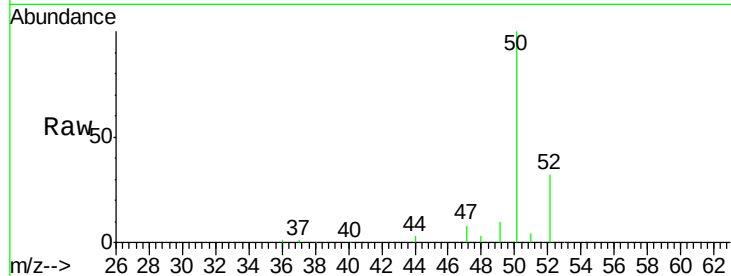
BPS1-TT-MW303I2-20181207MS

Tot Ion: 50 Resp: 106847

Ion Ratio Lower Upper

50 100

52 31.5 25.5 38.3



#4

Vinyl Chloride

Concen: 51.261 ug/l

RT: 1.40 min Scan# 71

Delta R.T. -0.00 min

Lab File: VU028597.D

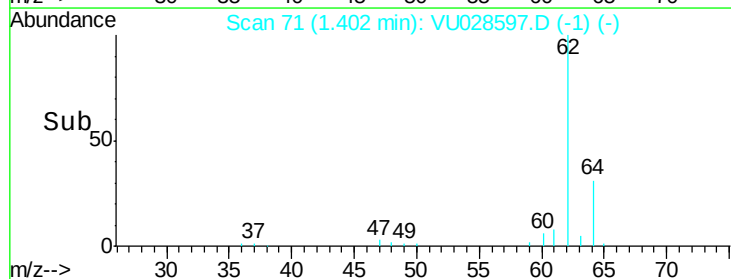
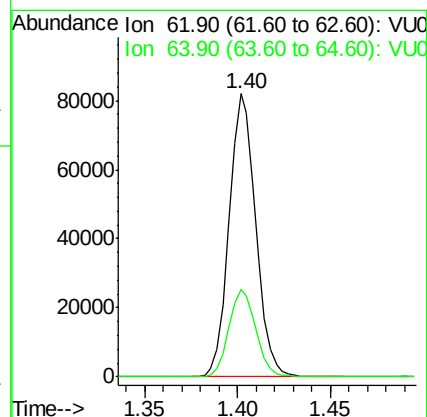
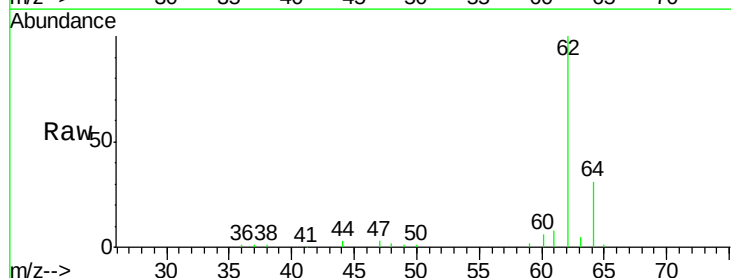
Acq: 11 Dec 2018 10:30

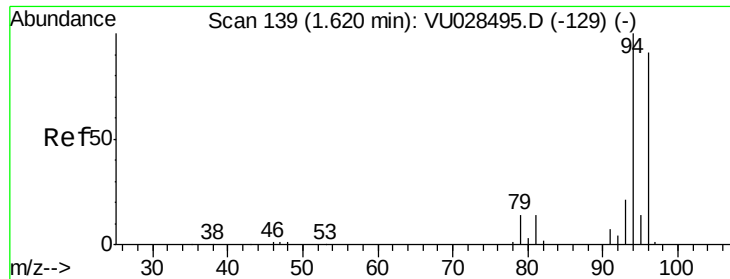
Tgt Ion: 62 Resp: 81541

Ion Ratio Lower Upper

62 100

64 30.8 25.1 37.7





#5

Bromomethane

Concen: 48.322 ug/l

RT: 1.61 min Scan# 136

Delta R.T. -0.01 min

Lab File: VU028597.D

Acq: 11 Dec 2018 10:30

Instrument :

MSVOA_U

ClientSampleId :

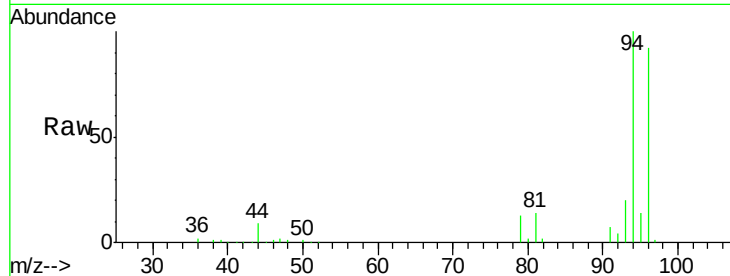
BPS1-TT-MW303I2-20181207MS

Tot Ion: 94 Resp: 30963

Ion Ratio Lower Upper

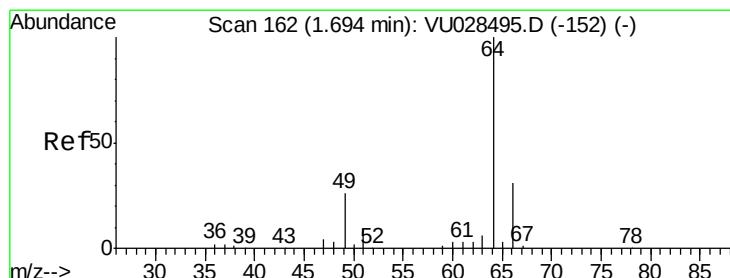
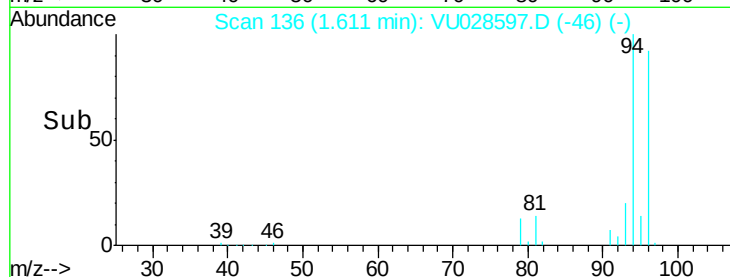
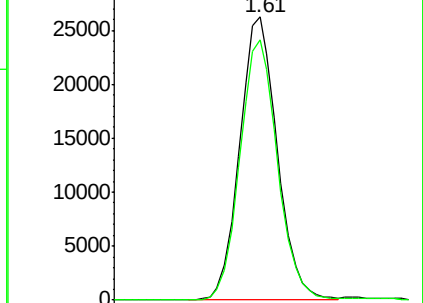
94 100

96 92.0 73.2 109.8



Abundance Ion 93.90 (93.60 to 94.60): VU0

Ion 95.90 (95.60 to 96.60): VU0



#6

Chloroethane

Concen: 50.831 ug/l

RT: 1.69 min Scan# 160

Delta R.T. -0.01 min

Lab File: VU028597.D

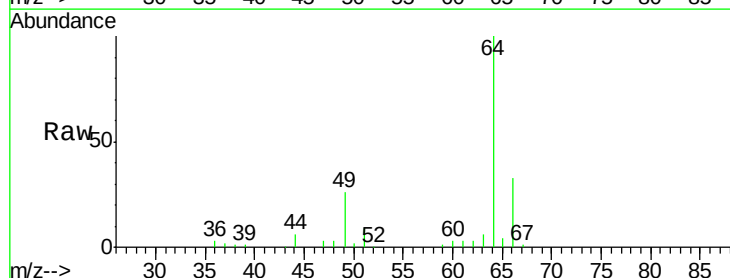
Acq: 11 Dec 2018 10:30

Tgt Ion: 64 Resp: 45775

Ion Ratio Lower Upper

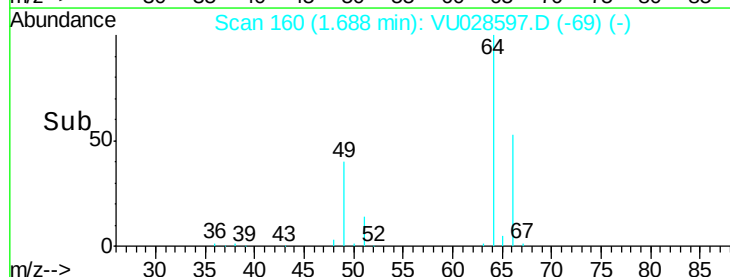
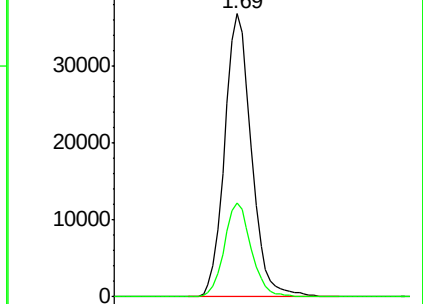
64 100

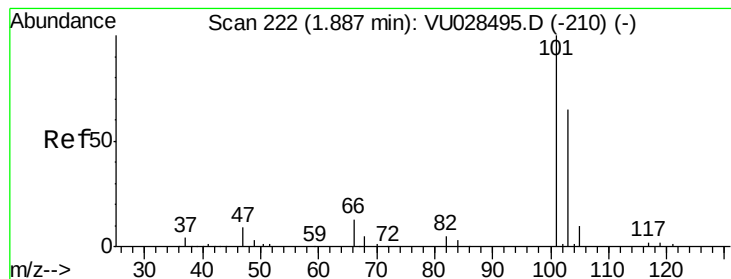
66 33.2 25.0 37.6



Abundance Ion 63.90 (63.60 to 64.60): VU0

Ion 65.90 (65.60 to 66.60): VU0



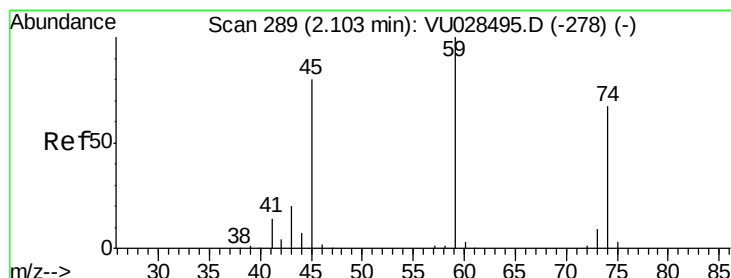
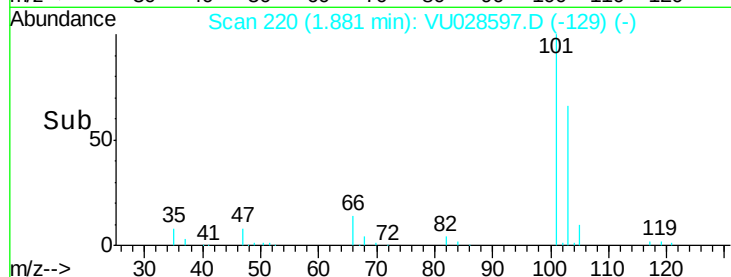
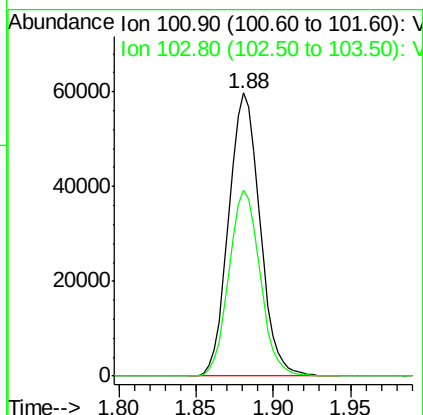
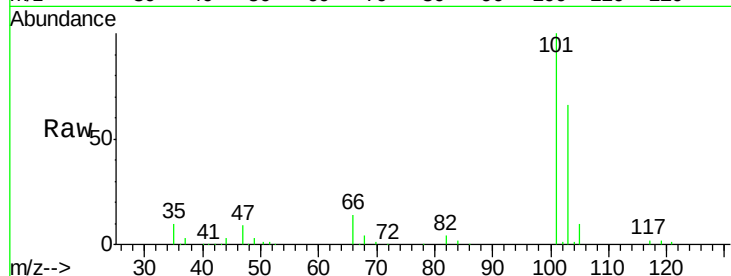


#7

Trichlorofluoromethane
 Concen: 49.929 ug/l
 RT: 1.88 min Scan# 220
 Delta R.T. -0.01 min
 Lab File: VU028597.D
 Acq: 11 Dec 2018 10:30

Instrument :
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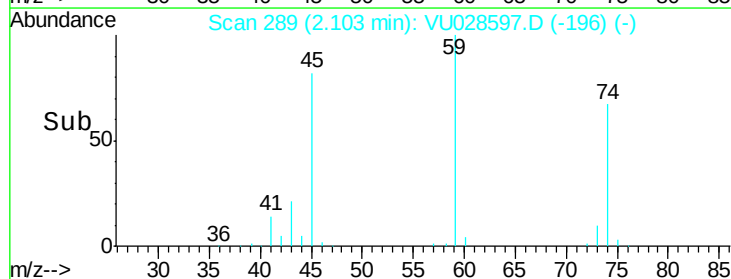
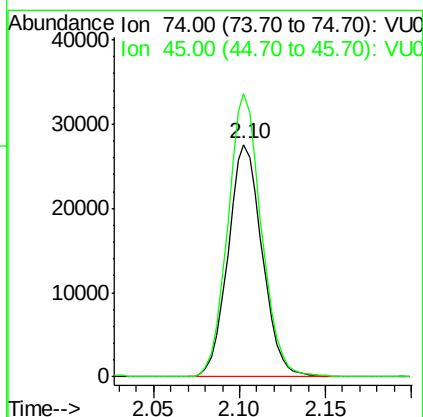
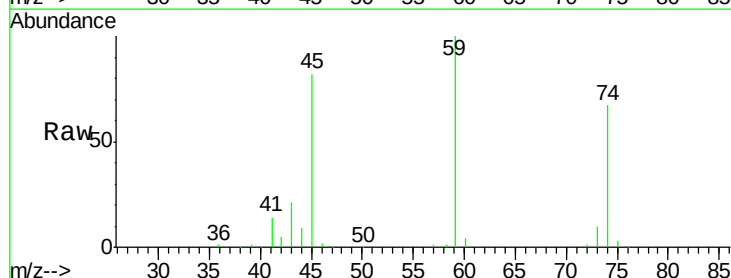
Tot Ion:101 Resp: 83561
 Ion Ratio Lower Upper
 101 100
 103 65.9 52.3 78.5

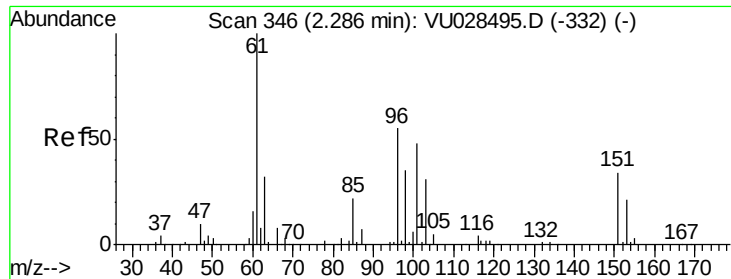


#8

Diethyl Ether
 Concen: 48.727 ug/l
 RT: 2.10 min Scan# 289
 Delta R.T. -0.00 min
 Lab File: VU028597.D
 Acq: 11 Dec 2018 10:30

Tgt Ion: 74 Resp: 38153
 Ion Ratio Lower Upper
 74 100
 45 120.5 59.7 179.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.905 ug/l

RT: 2.28 min Scan# 345

Delta R.T. -0.00 min

Lab File: VU028597.D

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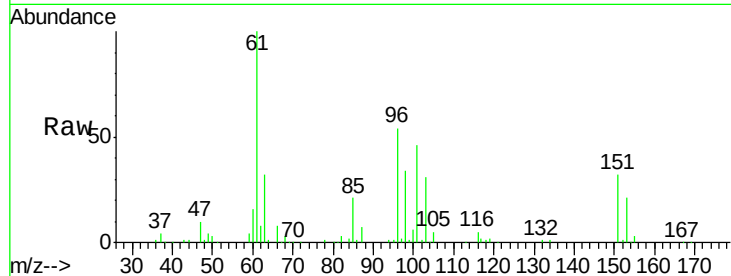
Tot Ion:101 Resp: 48950

Ion Ratio Lower Upper

101 100

85 46.2 36.4 54.6

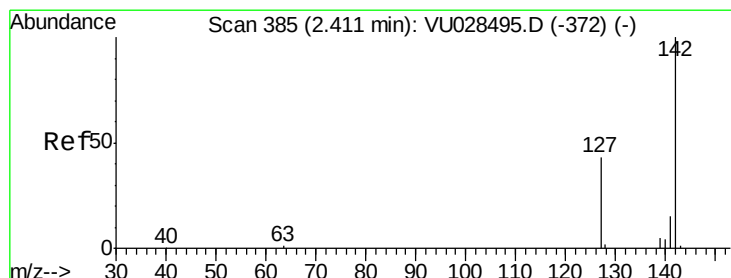
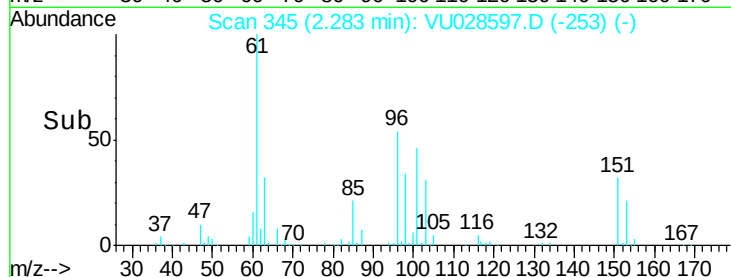
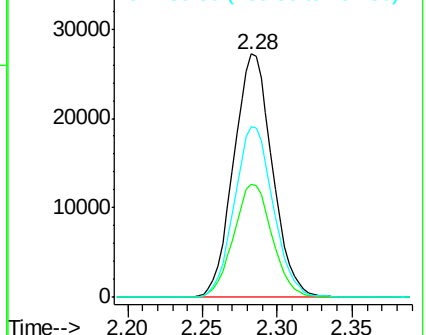
151 70.5 58.2 87.2



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: 59.734 ug/l

RT: 2.41 min Scan# 384

Delta R.T. -0.00 min

Lab File: VU028597.D

Acq: 11 Dec 2018 10:30

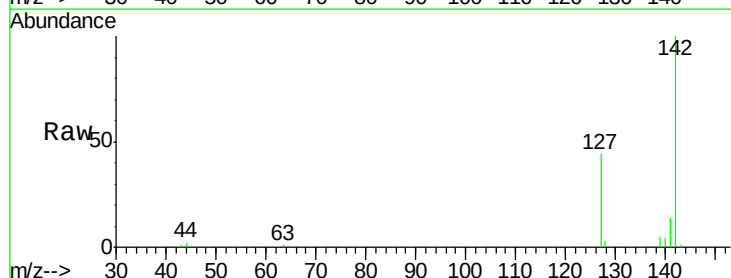
Tgt Ion:142 Resp: 46914

Ion Ratio Lower Upper

142 100

127 43.8 33.5 50.3

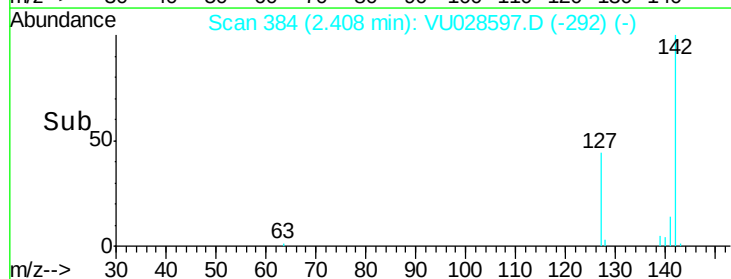
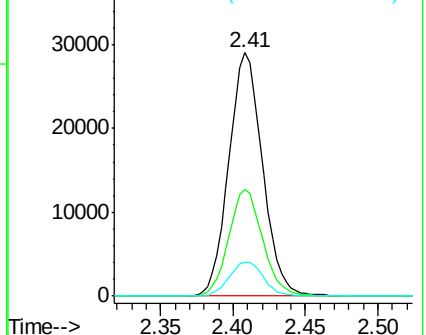
141 14.0 11.2 16.8

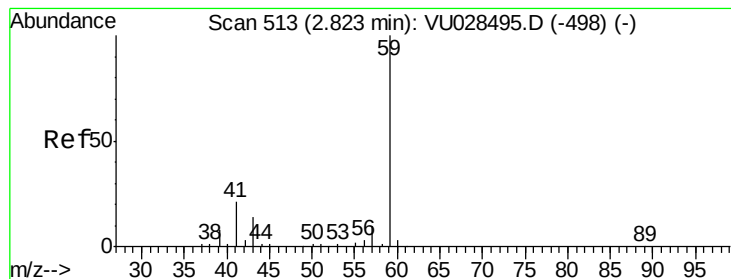


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



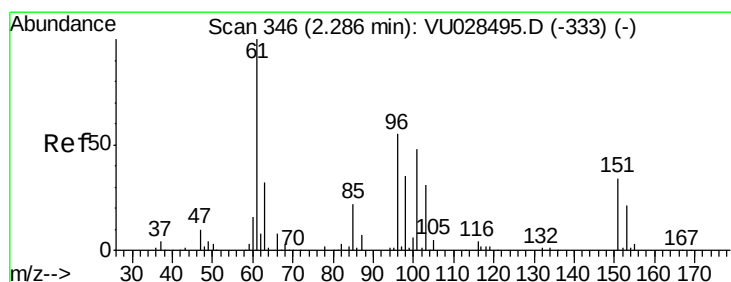
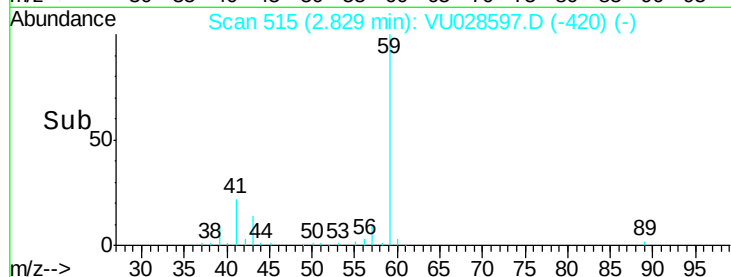
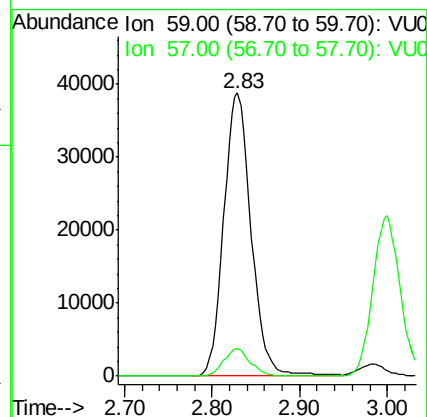
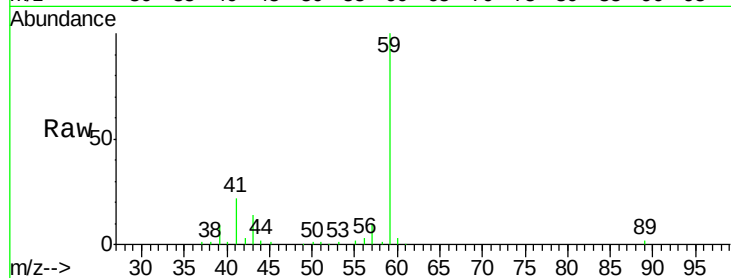


#11

Tert butyl alcohol
 Concen: 276.703 ug/l
 RT: 2.83 min Scan# 515
 Delta R.T. 0.01 min
 Lab File: VU028597.D
 Acq: 11 Dec 2018 10:30

Instrument :
 MSVOA_U
 ClientSampleId :
 BPS1-TT-MW303I2-20181207MS

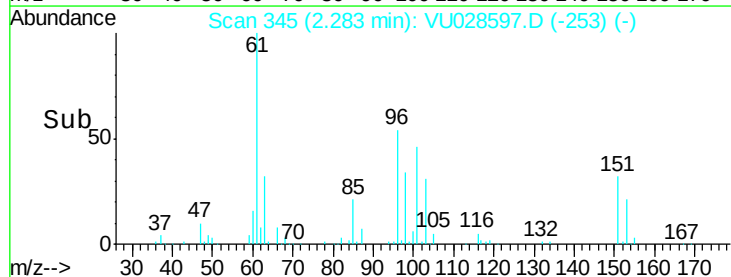
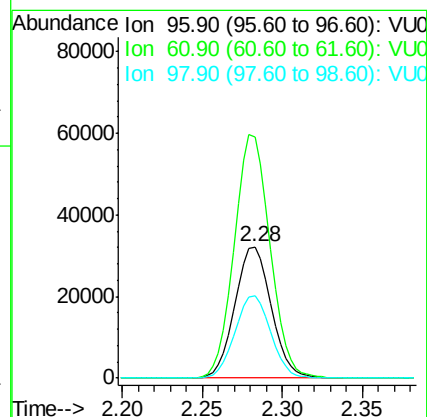
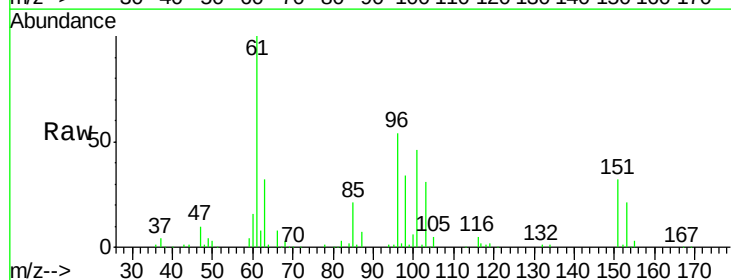
Tot Ion: 59 Resp: 84152
 Ion Ratio Lower Upper
 59 100
 57 9.3 8.0 12.0

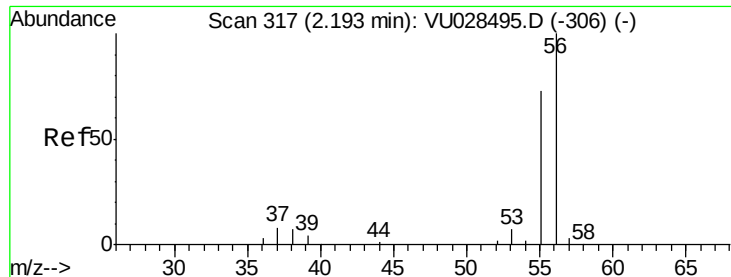


#12

1,1-Dichloroethene
 Concen: 49.938 ug/l
 RT: 2.28 min Scan# 345
 Delta R.T. -0.00 min
 Lab File: VU028597.D
 Acq: 11 Dec 2018 10:30

Tgt Ion: 96 Resp: 49733
 Ion Ratio Lower Upper
 96 100
 61 183.7 146.4 219.6
 98 62.5 51.8 77.8





#13

Acrolein

Concen: 229.405 ug/l

RT: 2.19 min Scan# 317

Delta R.T. -0.00 min

Lab File: VU028597.D

Acq: 11 Dec 2018 10:30

Instrument :

MSVOA_U

ClientSampleId :

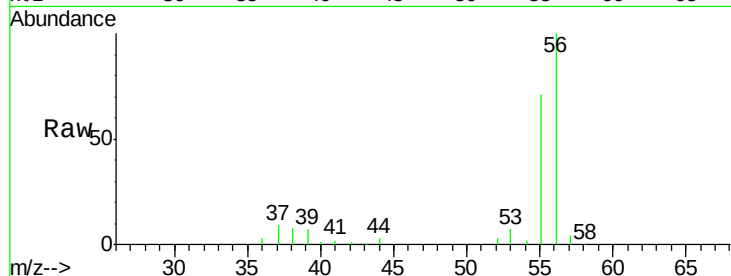
BPS1-TT-MW303I2-20181207MS

Tot Ion: 56 Resp: 55618

Ion Ratio Lower Upper

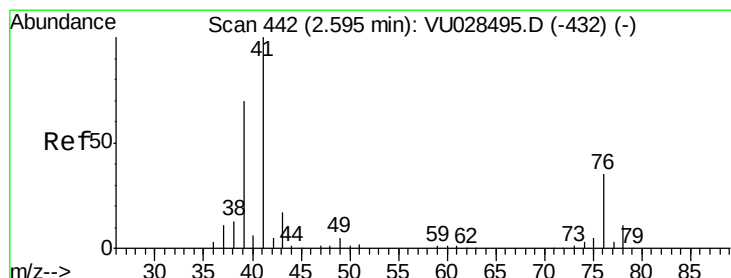
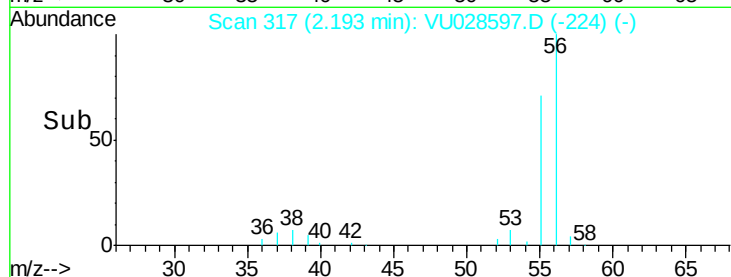
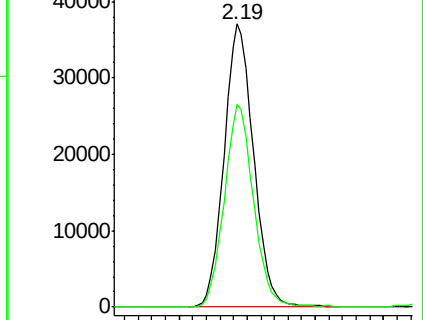
56 100

55 70.7 57.5 86.3



Abundance Ion 56.00 (55.70 to 56.70): VU0

Ion 55.00 (54.70 to 55.70): VU0



#14

Allyl chloride

Concen: 47.206 ug/l

RT: 2.59 min Scan# 441

Delta R.T. -0.00 min

Lab File: VU028597.D

Acq: 11 Dec 2018 10:30

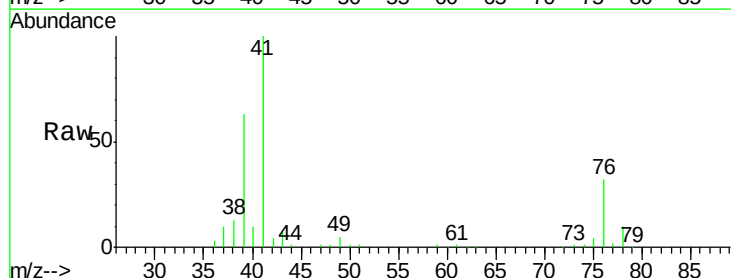
Tgt Ion: 41 Resp: 111216

Ion Ratio Lower Upper

41 100

39 64.2 50.8 76.2

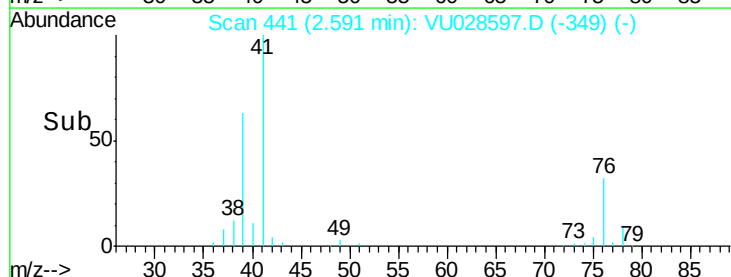
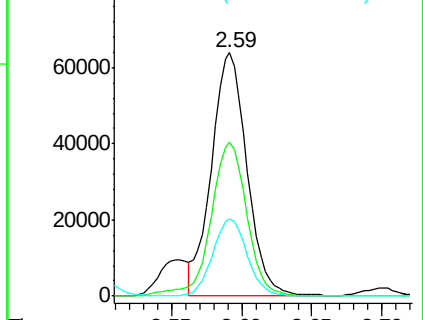
76 31.0 24.8 37.2

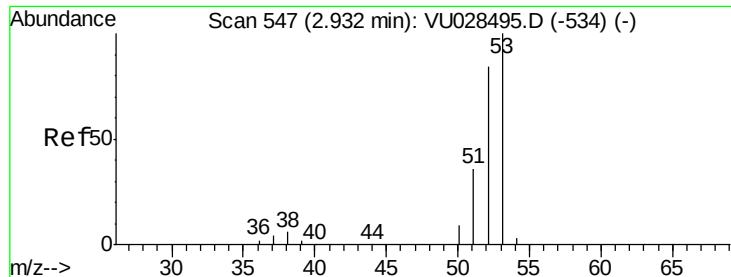


Abundance Ion 41.00 (40.70 to 41.70): VU0

Ion 39.00 (38.70 to 39.70): VU0

Ion 75.90 (75.60 to 76.60): VU0





#15

Acrylonitrile

Concen: 277.161 ug/l

RT: 2.93 min Scan# 547

Delta R.T. -0.00 min

Lab File: VU028597.D

Acq: 11 Dec 2018 10:30

Instrument :

MSVOA_U

ClientSampleId :

BPS1-TT-MW303I2-20181207MS

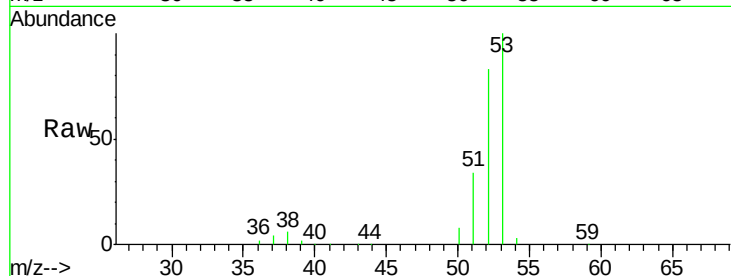
Tot Ion: 53 Resp: 234020

Ion Ratio Lower Upper

53 100

52 81.7 66.1 99.1

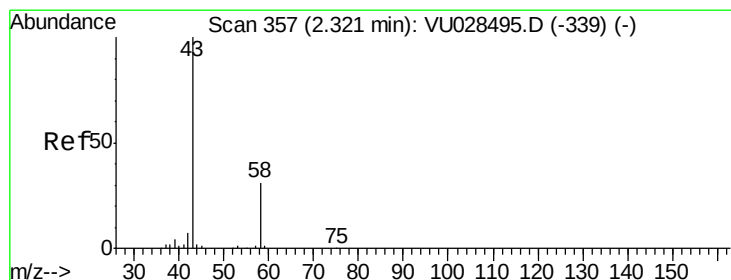
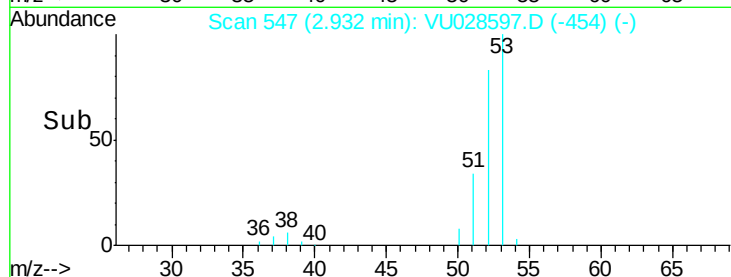
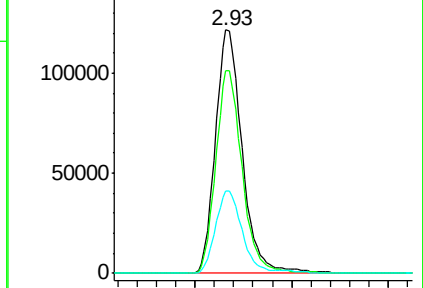
51 33.6 28.1 42.1



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: 210.285 ug/l

RT: 2.32 min Scan# 357

Delta R.T. -0.00 min

Lab File: VU028597.D

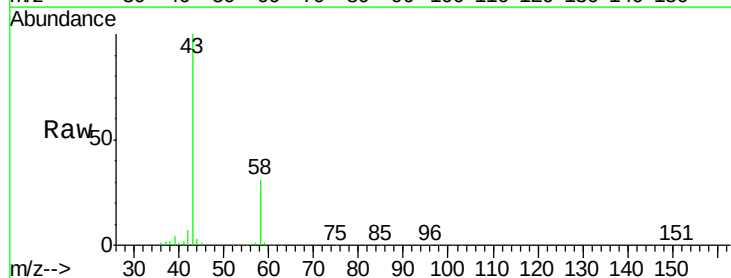
Acq: 11 Dec 2018 10:30

Tgt Ion: 43 Resp: 187311

Ion Ratio Lower Upper

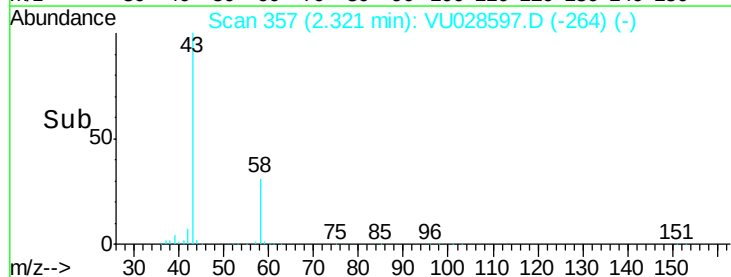
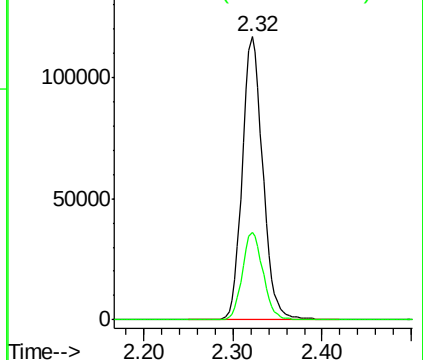
43 100

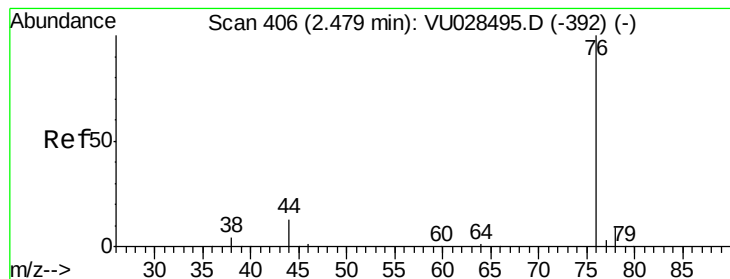
58 31.1 24.6 37.0



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0





#17

Carbon Disulfide

Concen: 47.954 ug/l

RT: 2.48 min Scan# 405

Delta R.T. -0.00 min

Lab File: VU028597.D

Acq: 11 Dec 2018 10:30

Instrument :

MSVOA_U

ClientSampleId :

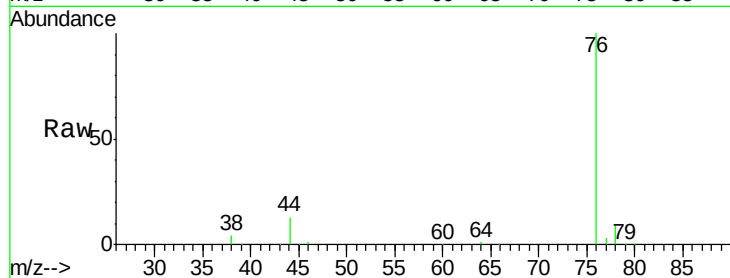
BPS1-TT-MW303I2-20181207MS

Tot Ion: 76 Resp: 172045

Ion Ratio Lower Upper

76 100

78 8.7 7.2 10.8



Abundance Ion 75.90 (75.60 to 76.60): VU028495.D (-392) (-)

Ion 77.90 (77.60 to 78.60): VU028495.D (-392) (-)

2.48

120000

100000

80000

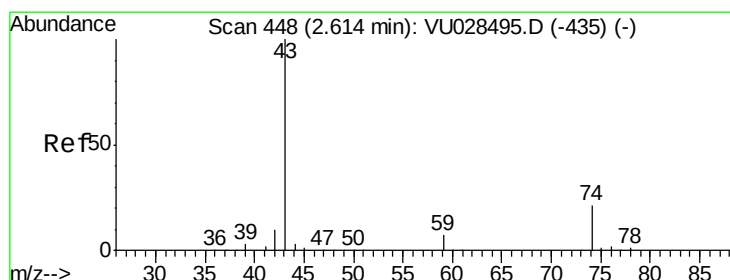
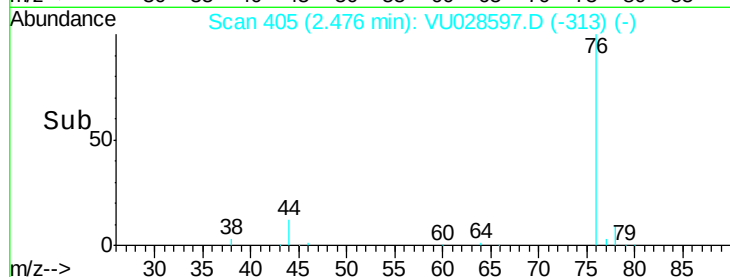
60000

40000

20000

0

Time-->



#18

Methyl Acetate

Concen: 49.467 ug/l

RT: 2.61 min Scan# 448

Delta R.T. -0.00 min

Lab File: VU028597.D

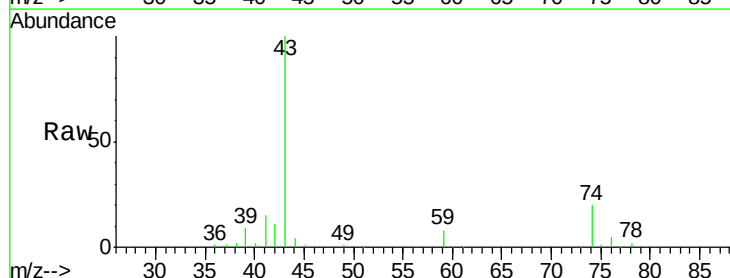
Acq: 11 Dec 2018 10:30

Tgt Ion: 43 Resp: 114222

Ion Ratio Lower Upper

43 100

74 19.8 16.4 24.6



Abundance Ion 43.00 (42.70 to 43.70): VU028495.D (-435) (-)

Ion 74.00 (73.70 to 74.70): VU028495.D (-435) (-)

2.61

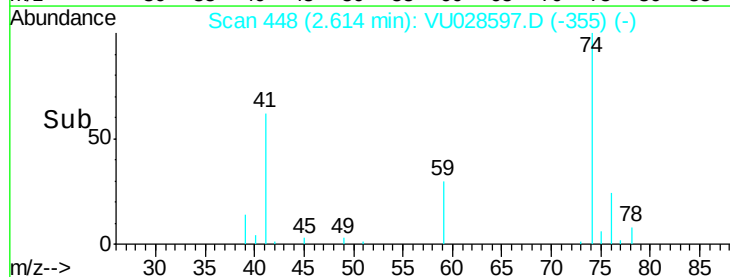
60000

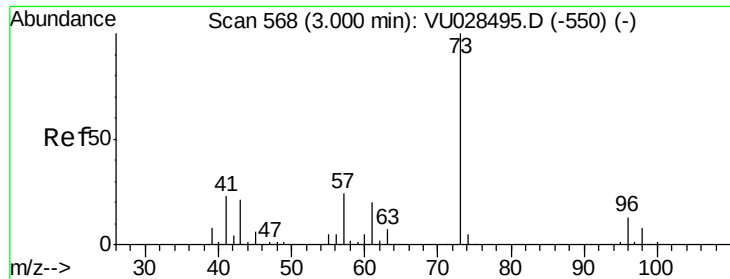
40000

20000

0

Time-->

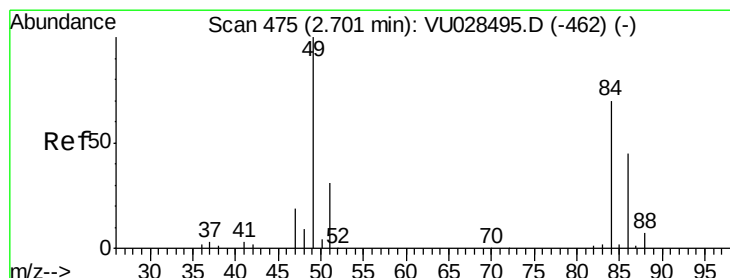
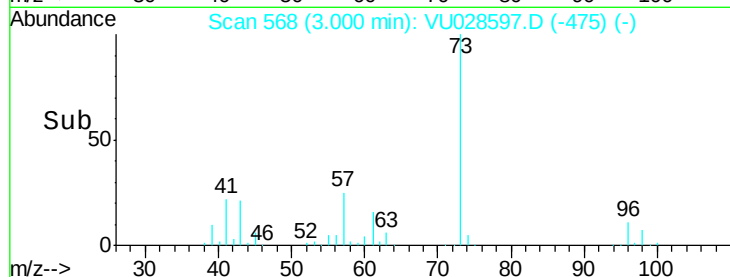
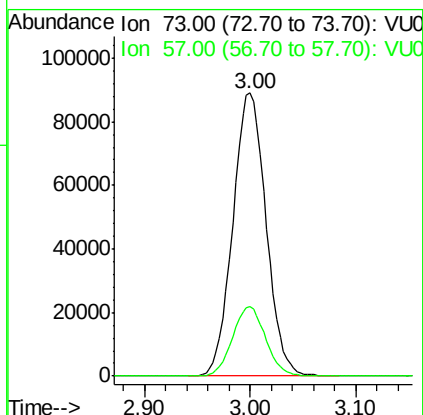
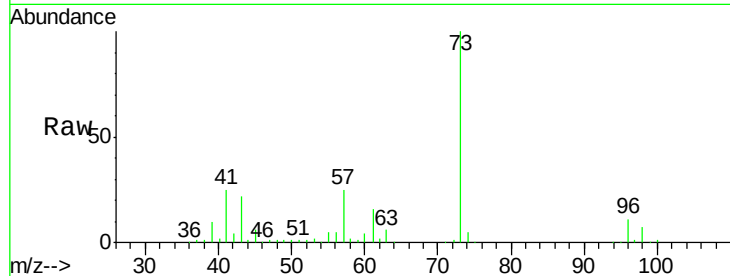




#19
Methyl tert-butyl Ether
Concen: 51.507 ug/l
RT: 3.00 min Scan# 568
Delta R.T. -0.00 min
Lab File: VU028597.D
Acq: 11 Dec 2018 10:30

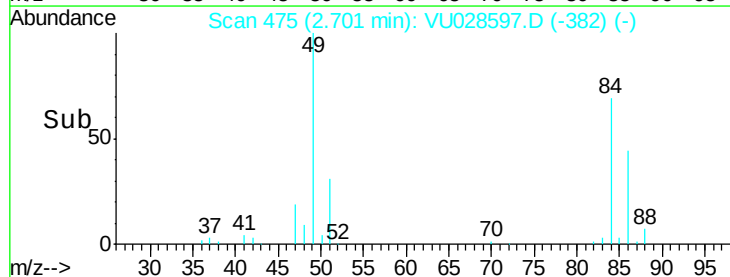
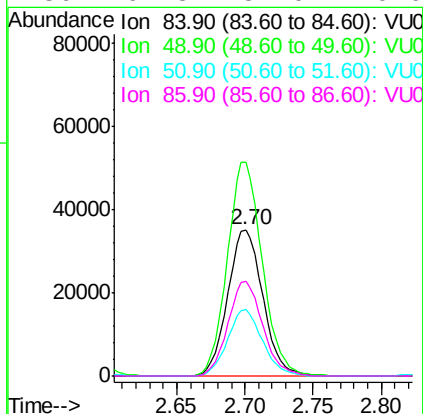
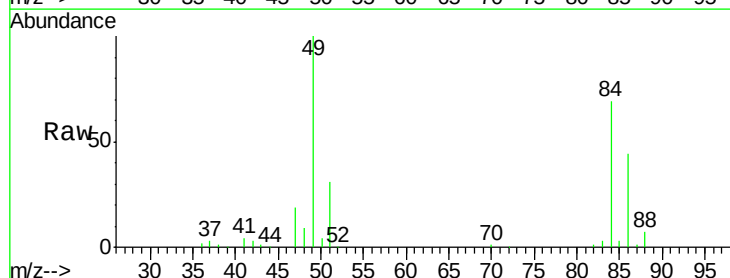
Instrument :
MSVOA_U
ClientSampleId :
BPS1-TT-MW303I2-20181207MS

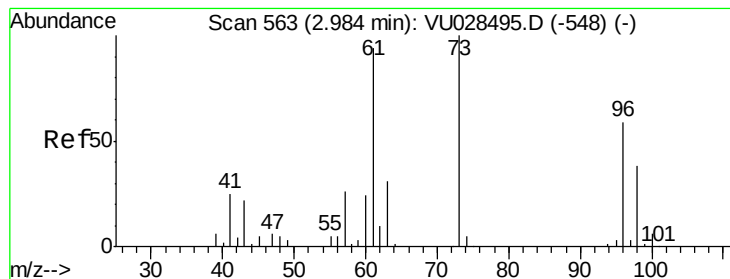
Tot Ion: 73 Resp: 194458
Ion Ratio Lower Upper
73 100
57 24.7 19.4 29.2



#20
Methylene Chloride
Concen: 47.919 ug/l
RT: 2.70 min Scan# 475
Delta R.T. -0.00 min
Lab File: VU028597.D
Acq: 11 Dec 2018 10:30

Tgt Ion: 84 Resp: 62922
Ion Ratio Lower Upper
84 100
49 145.4 114.0 171.0
51 45.3 35.1 52.7
86 64.3 51.0 76.6





#21

trans-1,2-Dichloroethene

Concen: 49.312 ug/l

RT: 2.98 min Scan# 562

Delta R.T. -0.00 min

Lab File: VU028597.D

Acq: 11 Dec 2018 10:30

Instrument :

MSVOA_U

ClientSampleId :

BPS1-TT-MW303I2-20181207MS

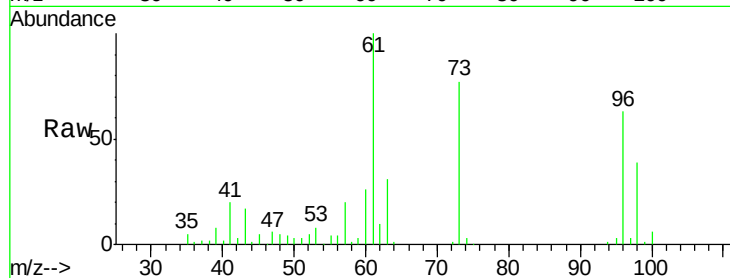
Tot Ion: 96 Resp: 55294

Ion Ratio Lower Upper

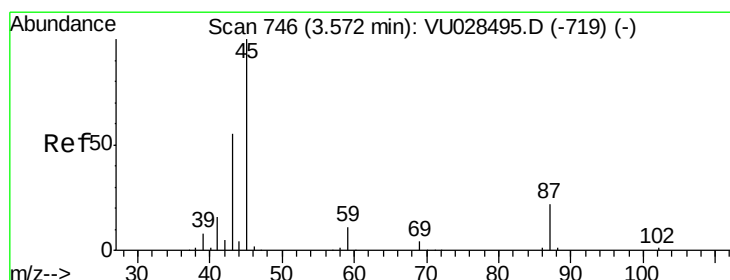
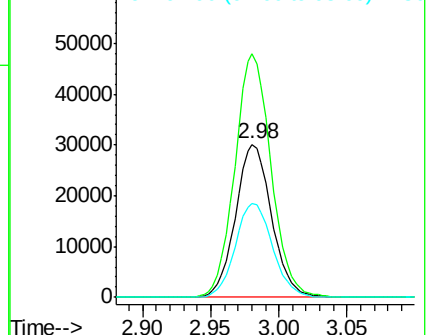
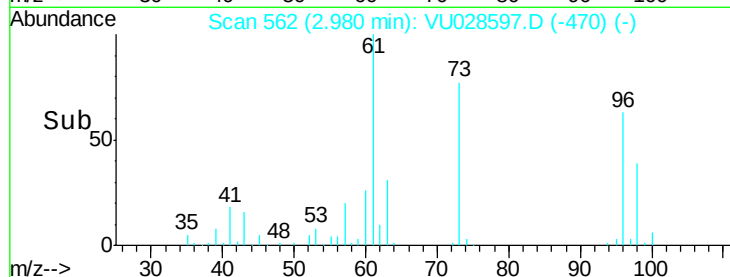
96 100

61 159.4 127.0 190.4

98 61.7 51.9 77.9



Abundance Ion 95.90 (95.60 to 96.60): VU028597.D (-470) (-)



#22

Diisopropyl ether

Concen: 53.314 ug/l

RT: 3.57 min Scan# 746

Delta R.T. -0.00 min

Lab File: VU028597.D

Acq: 11 Dec 2018 10:30

Tgt Ion: 45 Resp: 244263

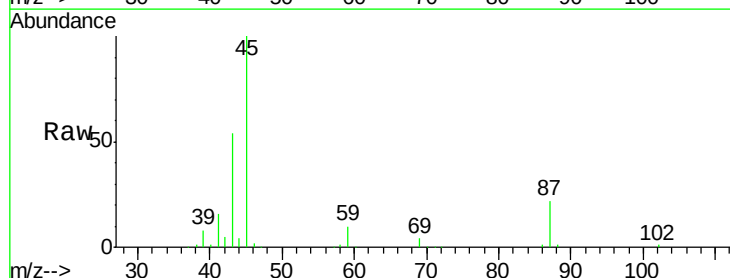
Ion Ratio Lower Upper

45 100

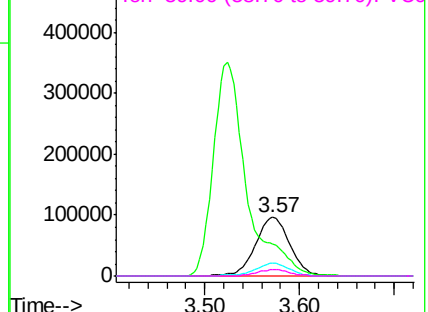
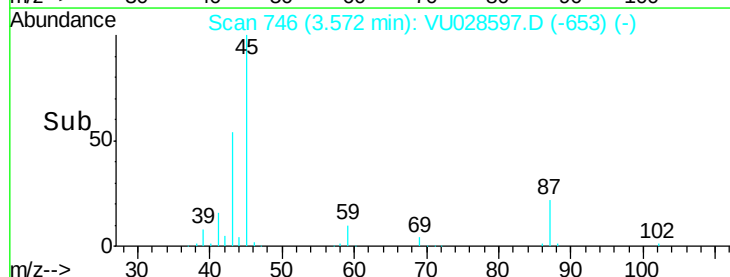
43 53.2 45.3 67.9

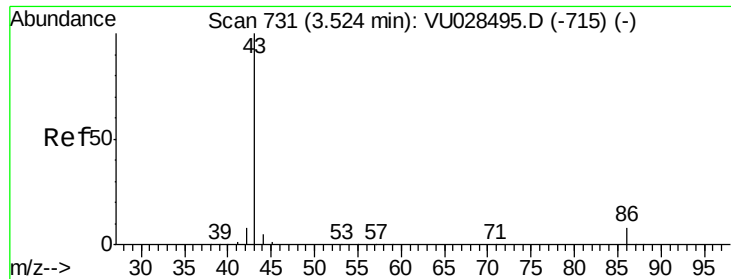
87 21.7 17.6 26.4

59 10.5 8.8 13.2



Abundance Ion 45.00 (44.70 to 45.70): VU028597.D (-653) (-)





#23

Vinyl Acetate

Concen: 228.480 ug/l

RT: 3.52 min Scan# 731

Delta R.T. -0.00 min

Lab File: VU028597.D

Acq: 11 Dec 2018 10:30

Instrument :

MSVOA_U

ClientSampleId :

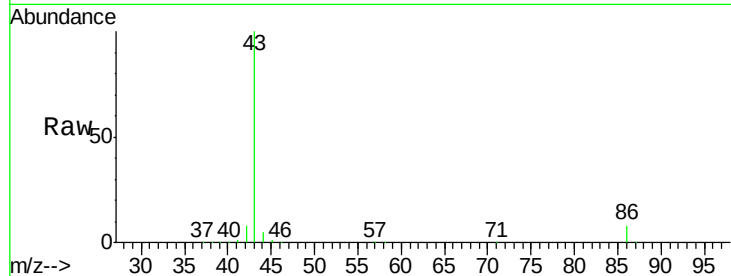
BPS1-TT-MW303I2-20181207MS

Tot Ion: 43 Resp: 863443

Ion Ratio Lower Upper

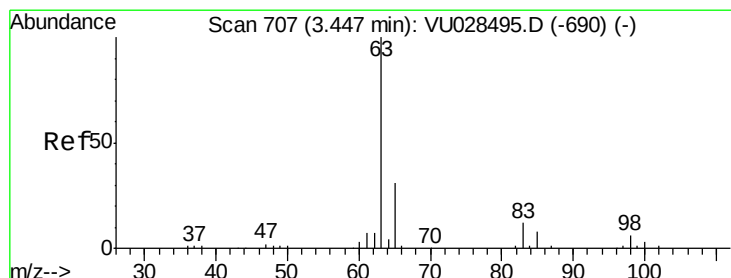
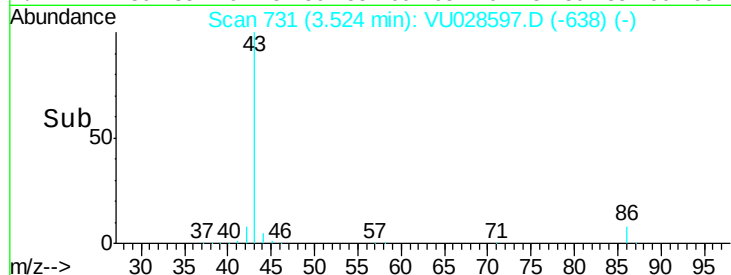
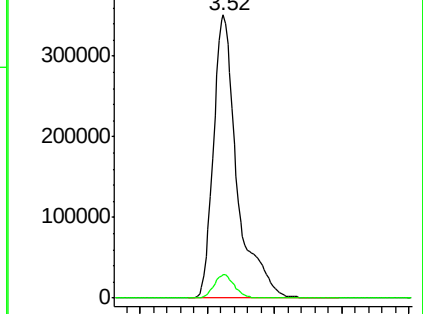
43 100

86 8.2 6.8 10.2



Abundance Ion 43.00 (42.70 to 43.70): VU028597.D (-638) (-)

Ion 86.00 (85.70 to 86.70): VU028597.D (-638) (-)



#24

1,1-Dichloroethane

Concen: 50.749 ug/l

RT: 3.44 min Scan# 706

Delta R.T. -0.00 min

Lab File: VU028597.D

Acq: 11 Dec 2018 10:30

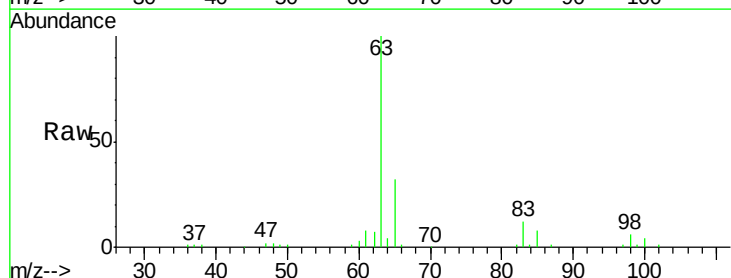
Tgt Ion: 63 Resp: 121709

Ion Ratio Lower Upper

63 100

98 5.9 3.0 9.2

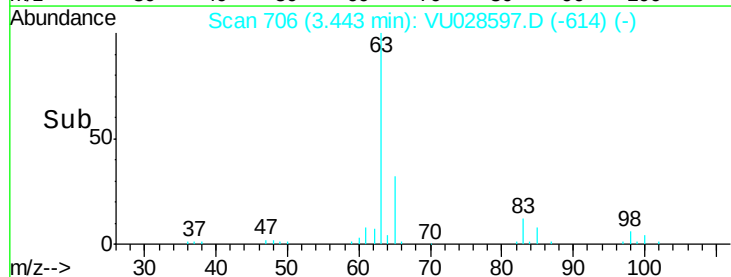
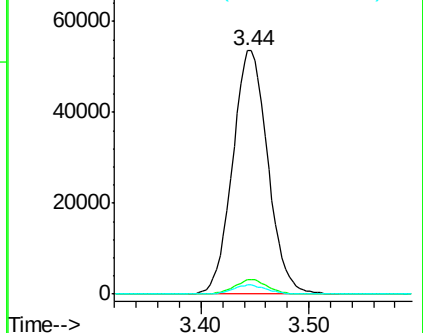
100 3.9 1.7 5.1

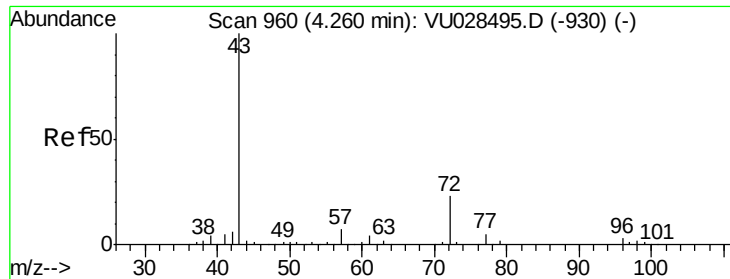


Abundance Ion 62.90 (62.60 to 63.60): VU028597.D (-614) (-)

Ion 97.90 (97.60 to 98.60): VU028597.D (-614) (-)

Ion 99.90 (99.60 to 100.60): VU028597.D (-614) (-)





#25

2-Butanone

Concen: 263.731 ug/l

RT: 4.26 min Scan# 960

Delta R.T. -0.00 min

Lab File: VU028597.D

Acq: 11 Dec 2018 10:30

Instrument :

MSVOA_U

ClientSampleId :

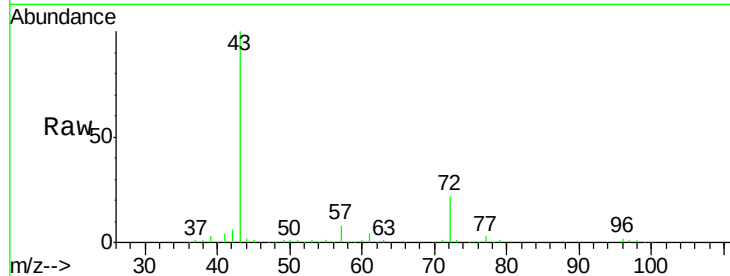
BPS1-TT-MW303I2-20181207MS

Tot Ion: 43 Resp: 321038

Ion Ratio Lower Upper

43 100

72 22.0 18.6 28.0



Abundance Ion 43.00 (42.70 to 43.70): VU028495.D (-930) (-)

Ion 72.00 (71.70 to 72.70): VU028495.D (-930) (-)

4.26

150000

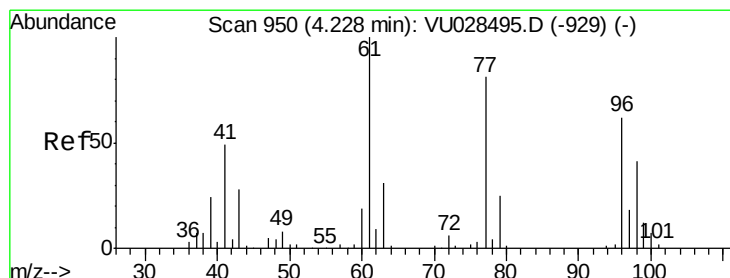
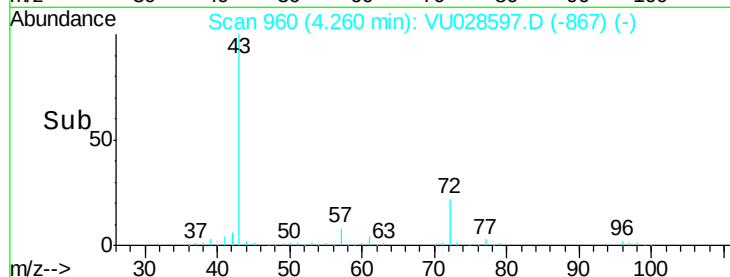
100000

50000

0

4.20 4.30

Time-->



#26

2,2-Dichloropropane

Concen: 35.303 ug/l

RT: 4.23 min Scan# 950

Delta R.T. -0.00 min

Lab File: VU028597.D

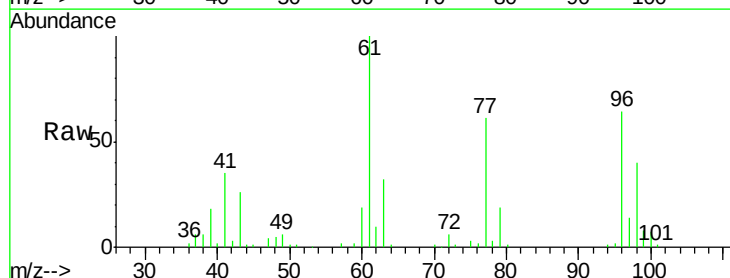
Acq: 11 Dec 2018 10:30

Tgt Ion: 77 Resp: 67086

Ion Ratio Lower Upper

77 100

97 23.7 11.0 33.0



Abundance Ion 76.90 (76.60 to 77.60): VU028495.D (-929) (-)

Ion 96.90 (96.60 to 97.60): VU028495.D (-929) (-)

4.23

30000

25000

20000

15000

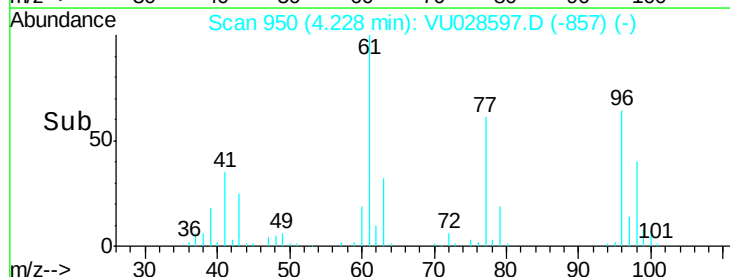
10000

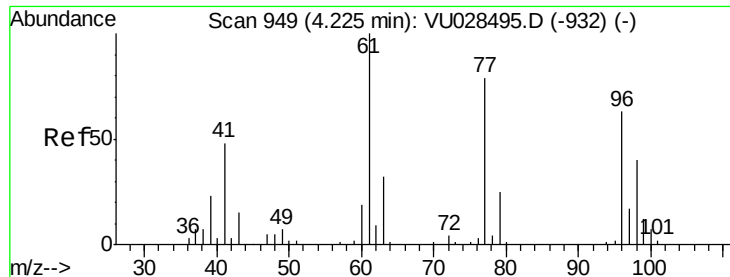
5000

0

4.10 4.20 4.30

Time-->



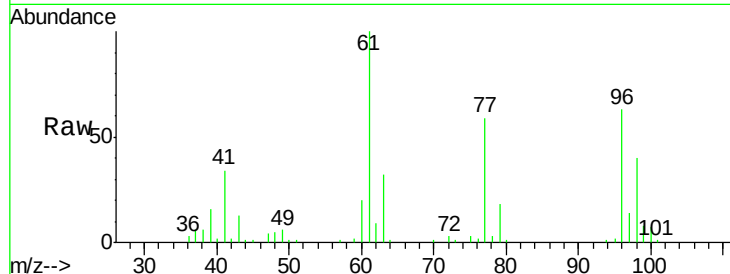


#27

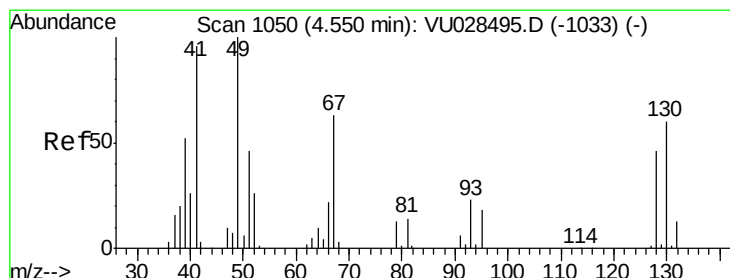
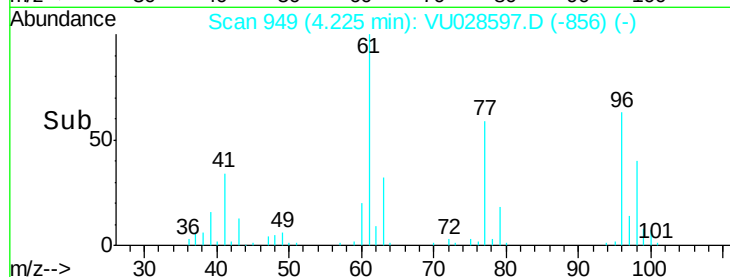
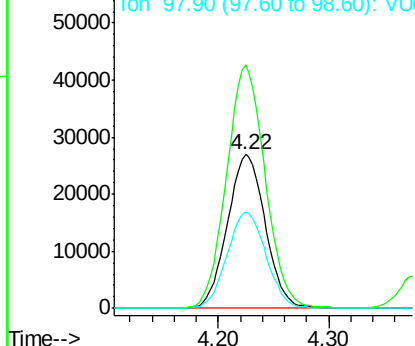
cis-1,2-Dichloroethene
 Concen: 50.499 ug/l
 RT: 4.22 min Scan# 949
 Delta R.T. -0.00 min
 Lab File: VU028597.D
 Acq: 11 Dec 2018 10:30

Instrument :
 MSVOA_U
 ClientSampleId :
 BPS1-TT-MW303I2-20181207MS

Tot Ion: 96 Resp: 64091
 Ion Ratio Lower Upper
 96 100
 61 161.5 0.0 332.4
 98 64.2 0.0 129.0



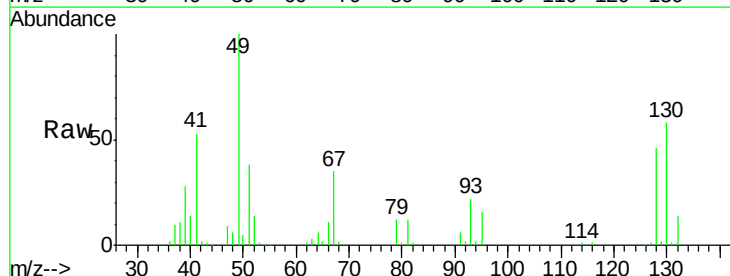
Abundance Ion 95.90 (95.60 to 96.60): VU0
 Ion 60.90 (60.60 to 61.60): VU0
 Ion 97.90 (97.60 to 98.60): VU0



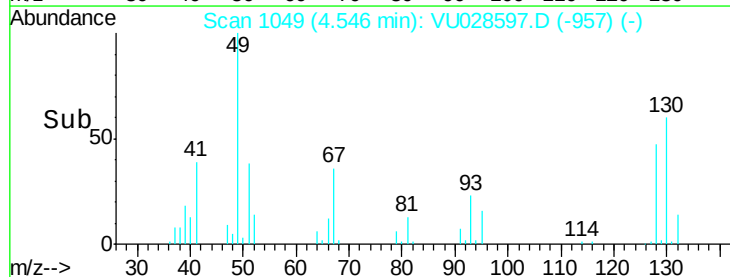
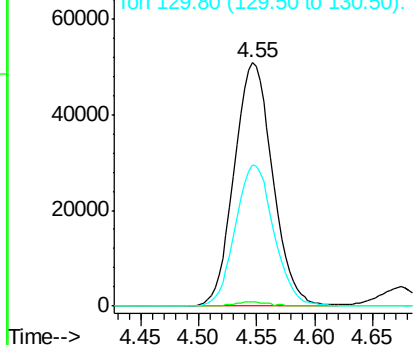
#28

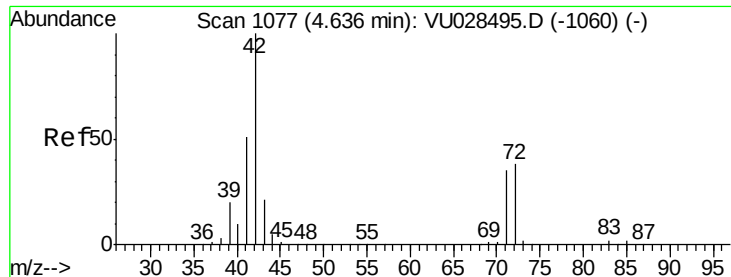
Bromochloromethane
 Concen: 107.726 ug/l
 RT: 4.55 min Scan# 1049
 Delta R.T. -0.00 min
 Lab File: VU028597.D
 Acq: 11 Dec 2018 10:30

Tgt Ion: 49 Resp: 117448
 Ion Ratio Lower Upper
 49 100
 129 1.4 0.0 3.0
 130 58.2 47.8 71.8



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

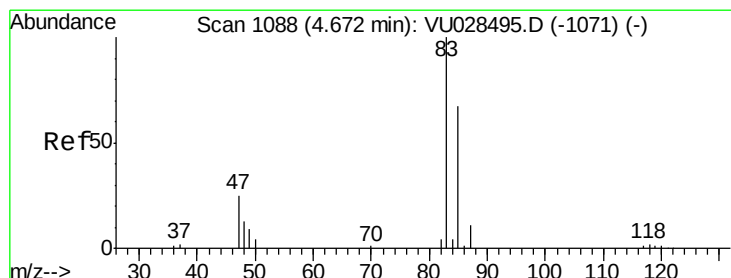
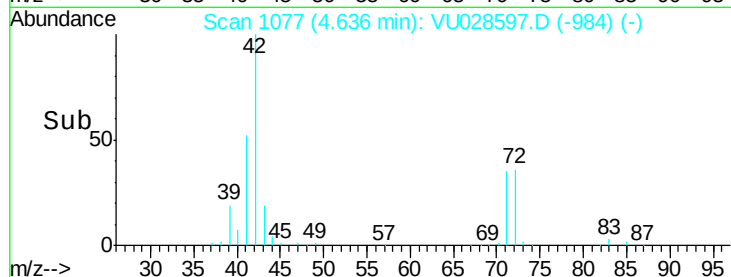
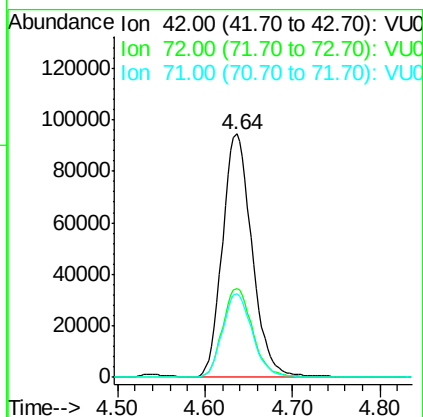
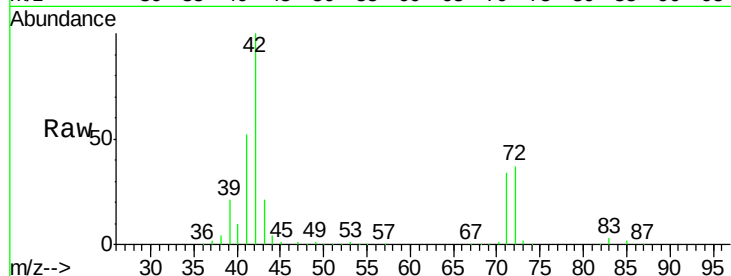




#29
Tetrahydrofuran
Concen: 283.177 ug/l
RT: 4.64 min Scan# 1077
Delta R.T. -0.00 min
Lab File: VU028597.D
Acq: 11 Dec 2018 10:30

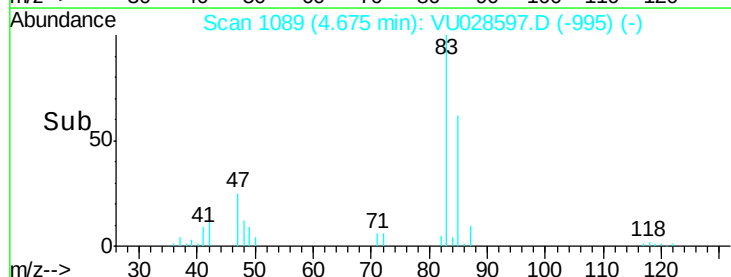
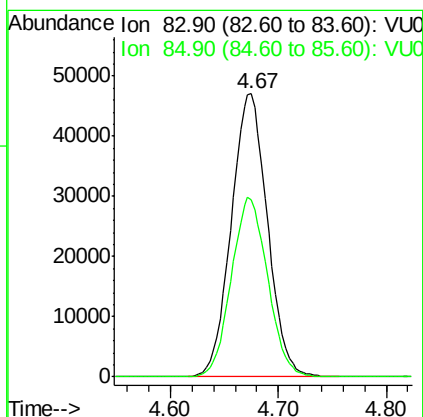
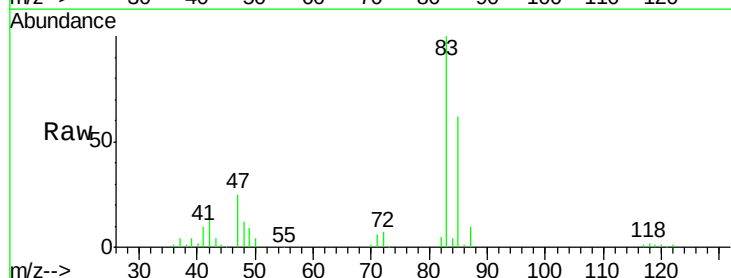
Instrument :
MSVOA_U
ClientSampleId :
BPS1-TT-MW303I2-20181207MS

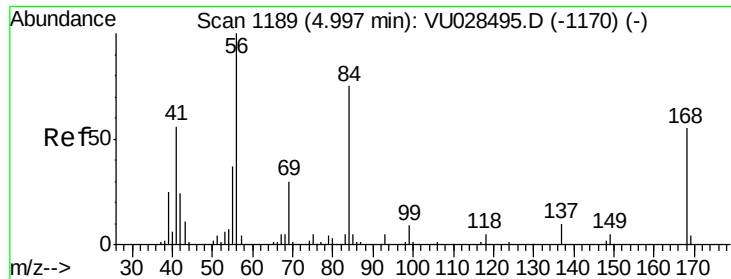
Tot Ion: 42 Resp: 221386
Ion Ratio Lower Upper
42 100
72 37.2 31.4 47.0
71 34.7 28.6 43.0



#30
Chloroform
Concen: 52.371 ug/l
RT: 4.67 min Scan# 1089
Delta R.T. 0.00 min
Lab File: VU028597.D
Acq: 11 Dec 2018 10:30

Tgt Ion: 83 Resp: 109468
Ion Ratio Lower Upper
83 100
85 62.4 53.6 80.4

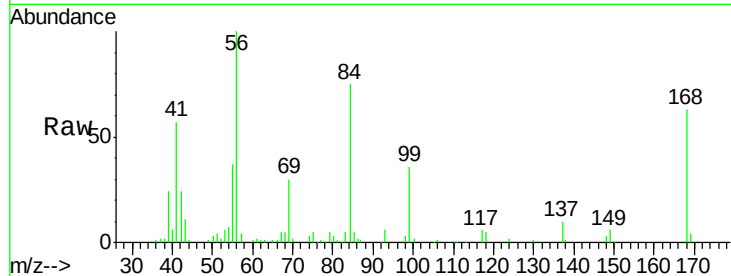




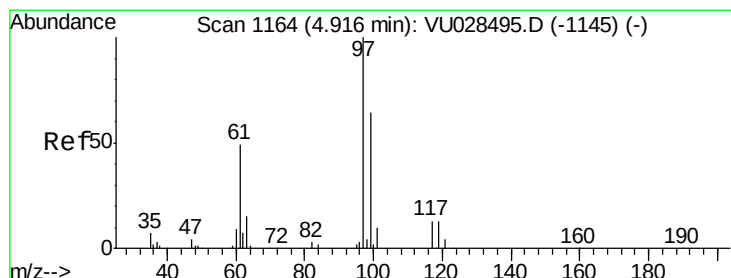
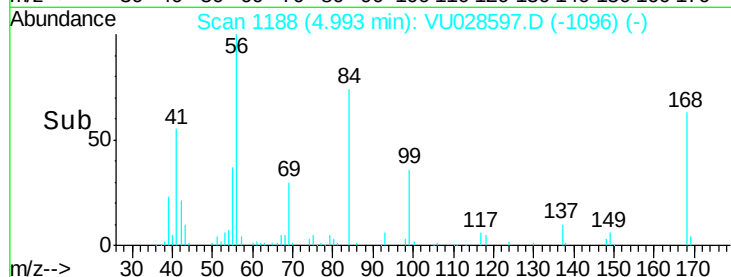
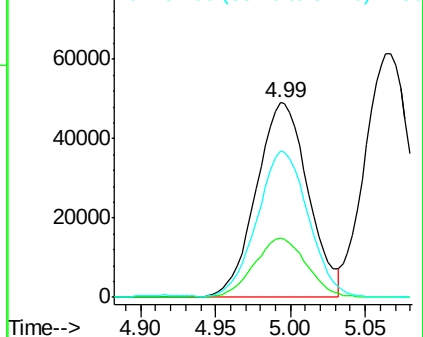
#31
Cyclohexane
Concen: 50.582 ug/l
RT: 4.99 min Scan# 1188
Delta R.T. -0.00 min
Lab File: VU028597.D
Acq: 11 Dec 2018 10:30

Instrument :
MSVOA_U
ClientSampleId :
BPS1-TT-MW303I2-20181207MS

Tot Ion: 56 Resp: 118348
Ion Ratio Lower Upper
56 100
69 30.5 24.0 36.0
84 74.4 59.7 89.5

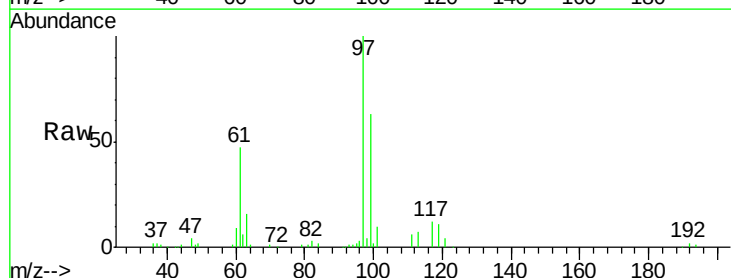


Abundance Ion 56.00 (55.70 to 56.70): VU0
Ion 69.00 (68.70 to 69.70): VU0
Ion 84.00 (83.70 to 84.70): VU0

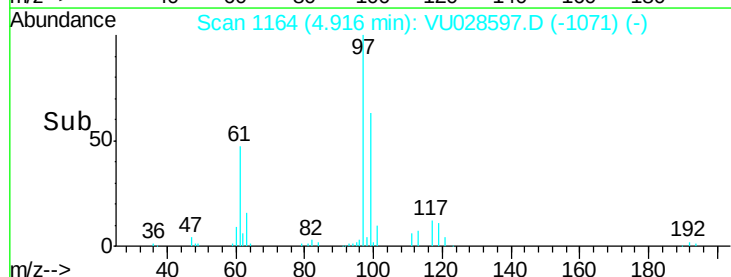
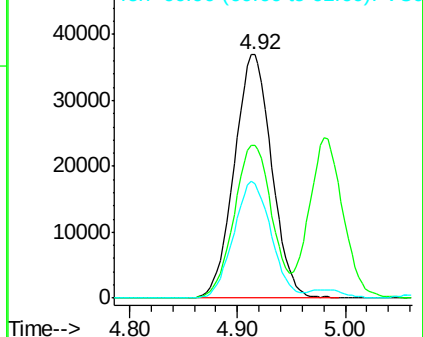


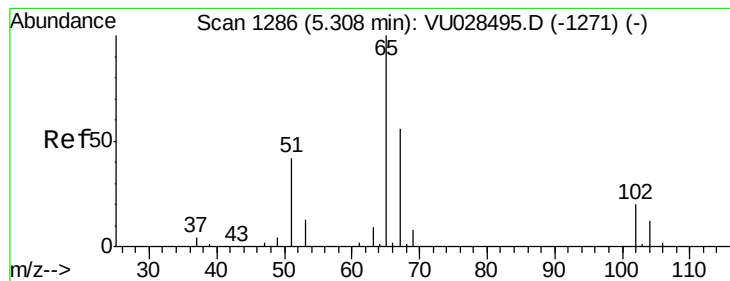
#32
1,1,1-Trichloroethane
Concen: 51.329 ug/l
RT: 4.92 min Scan# 1164
Delta R.T. -0.00 min
Lab File: VU028597.D
Acq: 11 Dec 2018 10:30

Tgt Ion: 97 Resp: 89108
Ion Ratio Lower Upper
97 100
99 63.2 52.3 78.5
61 48.1 39.0 58.6



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: 55.194 ug/l

RT: 5.31 min Scan# 1286

Delta R.T. -0.00 min

Lab File: VU028597.D

Acq: 11 Dec 2018 10:30

Instrument :

MSVOA_U

ClientSampleId :

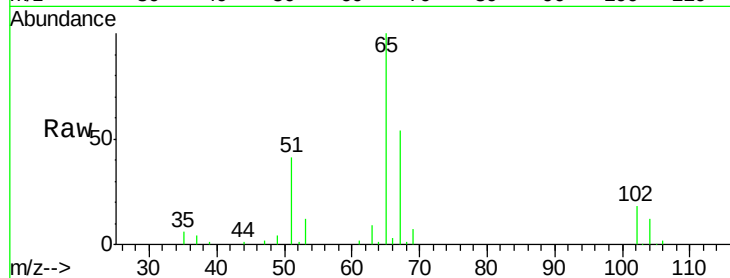
BPS1-TT-MW303I2-20181207MS

Tot Ion: 65 Resp: 75341

Ion Ratio Lower Upper

65 100

67 55.3 0.0 110.6

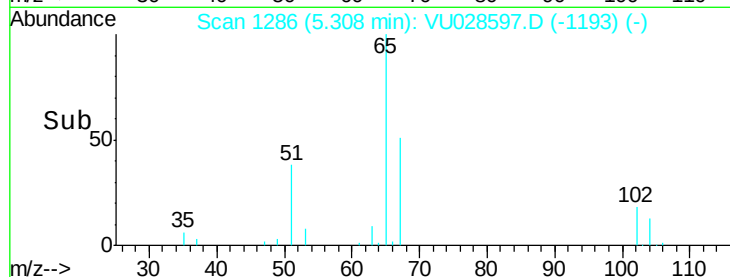


Abundance Ion 64.90 (64.60 to 65.60): VU028495.D (-1271) (-)

Ion 66.90 (66.60 to 67.60): VU028495.D (-1271) (-)

5.31

Time-->



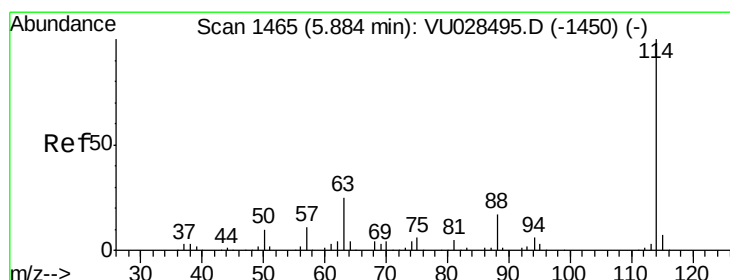
Abundance

Ion 64.90 (64.60 to 65.60): VU028597.D (-1193) (-)

Ion 66.90 (66.60 to 67.60): VU028597.D (-1193) (-)

5.31

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.88 min Scan# 1465

Delta R.T. -0.00 min

Lab File: VU028597.D

Acq: 11 Dec 2018 10:30

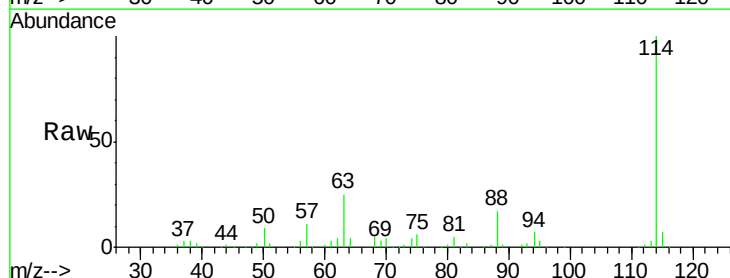
Tgt Ion: 114 Resp: 161835

Ion Ratio Lower Upper

114 100

63 24.9 0.0 49.2

88 16.8 0.0 33.4



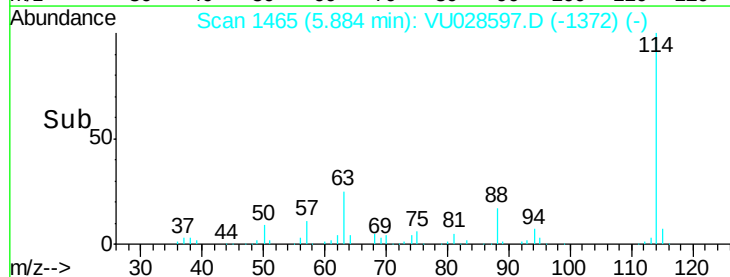
Abundance Ion 113.90 (113.60 to 114.60): VU028495.D (-1450) (-)

Ion 63.00 (62.70 to 63.70): VU028495.D (-1450) (-)

Ion 87.90 (87.60 to 88.60): VU028495.D (-1450) (-)

5.88

Time-->



Abundance

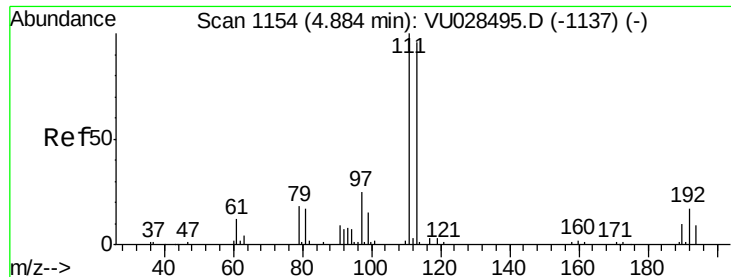
Ion 113.90 (113.60 to 114.60): VU028597.D (-1372) (-)

Ion 63.00 (62.70 to 63.70): VU028597.D (-1372) (-)

Ion 87.90 (87.60 to 88.60): VU028597.D (-1372) (-)

5.88

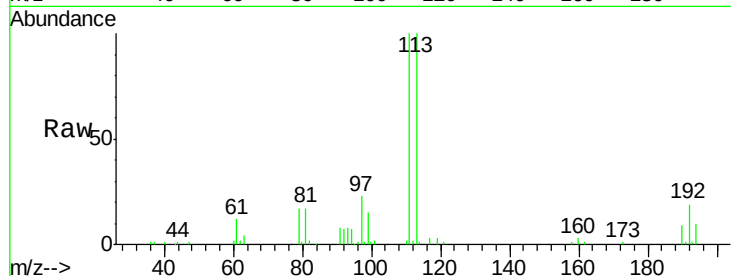
Time-->



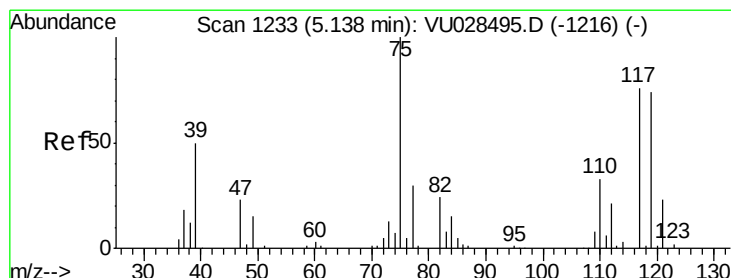
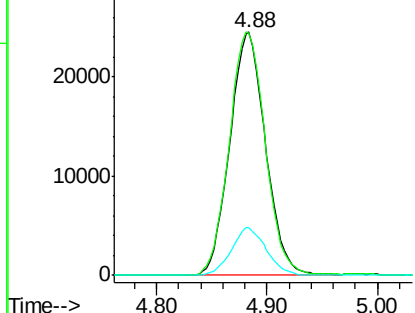
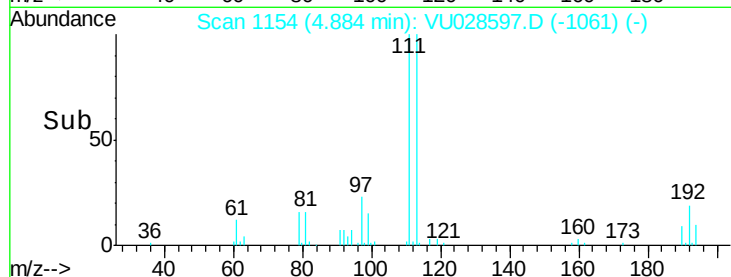
#35
 Dibromofluoromethane
 Concen: 53.944 ug/l
 RT: 4.88 min Scan# 1154
 Delta R.T. -0.00 min
 Lab File: VU028597.D
 Acq: 11 Dec 2018 10:30

Instrument :
 MSVOA_U
 ClientSampleId :
 BPS1-TT-MW303I2-20181207MS

Tot Ion:113 Resp: 54939
 Ion Ratio Lower Upper
 113 100
 111 101.0 83.4 125.0
 192 19.2 14.8 22.2

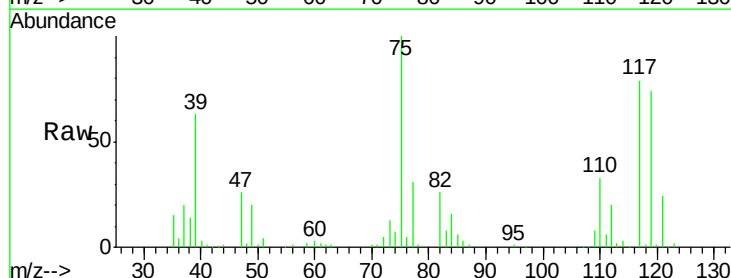


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

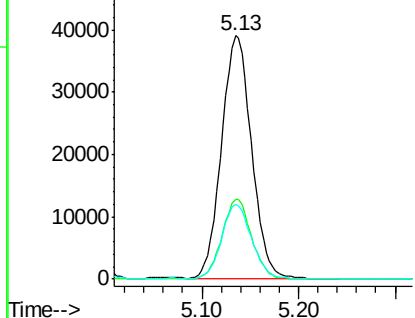
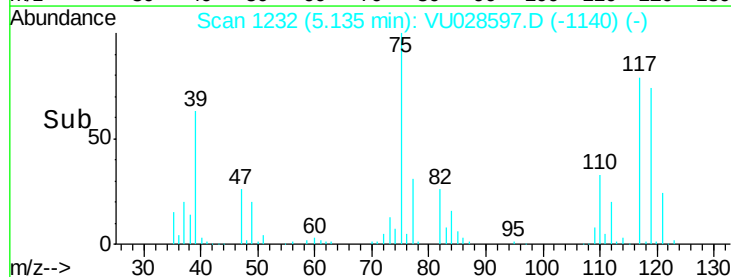


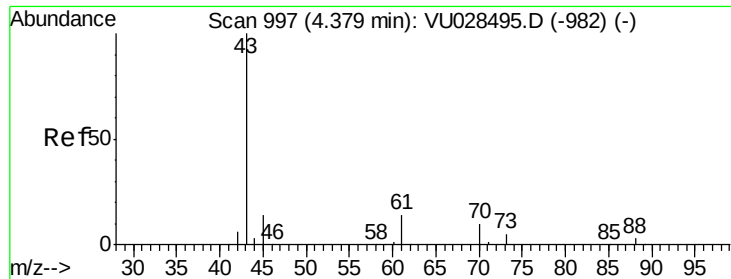
#36
 1,1-Dichloropropene
 Concen: 47.910 ug/l
 RT: 5.13 min Scan# 1232
 Delta R.T. -0.00 min
 Lab File: VU028597.D
 Acq: 11 Dec 2018 10:30

Tgt Ion: 75 Resp: 84845
 Ion Ratio Lower Upper
 75 100
 110 32.1 16.1 48.2
 77 30.6 24.5 36.7



Abundance Ion 74.90 (74.60 to 75.60): VU0
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VU0

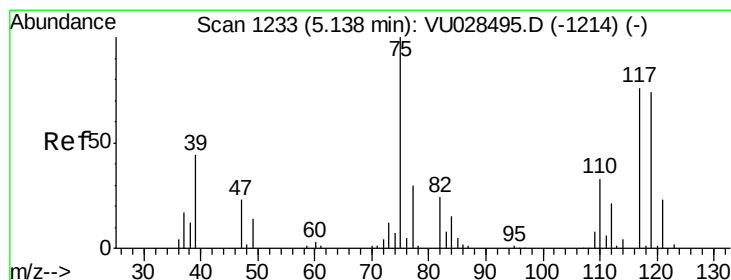
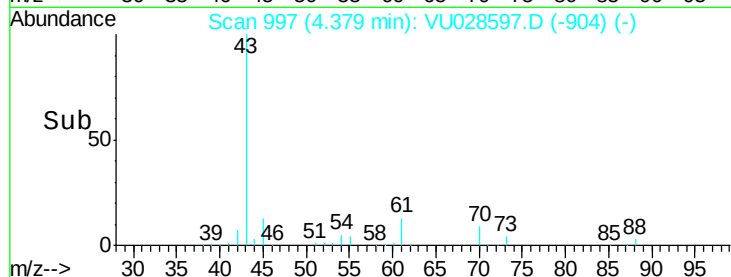
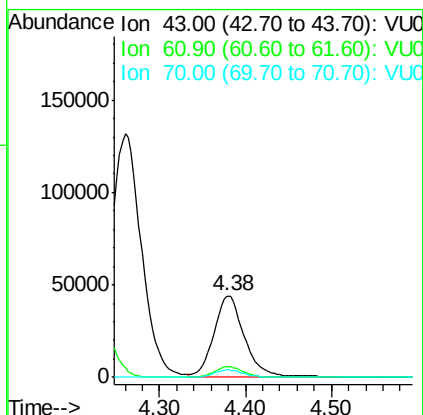
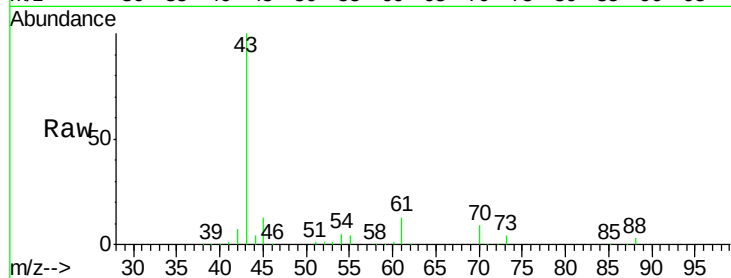




#37
Ethyl Acetate
Concen: 46.878 ug/l
RT: 4.38 min Scan# 997
Delta R.T. -0.00 min
Lab File: VU028597.D
Acq: 11 Dec 2018 10:30

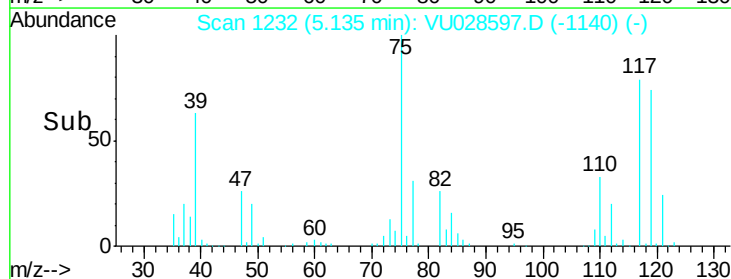
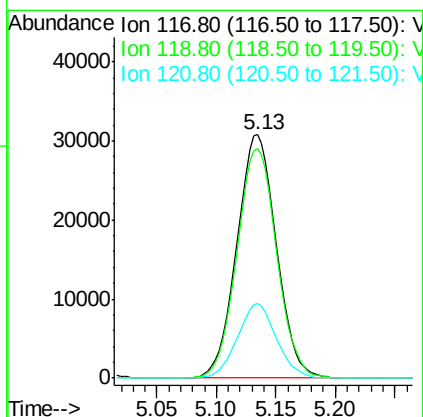
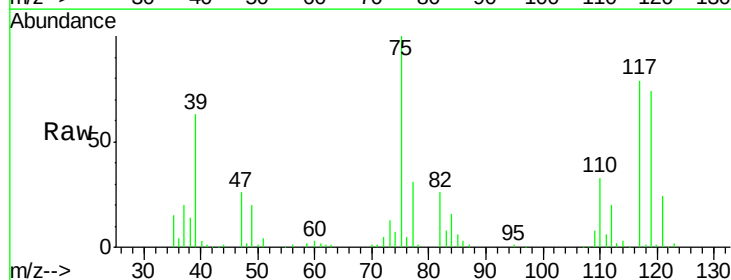
Instrument :
MSVOA_U
ClientSampleId :
BPS1-TT-MW30312-20181207MS

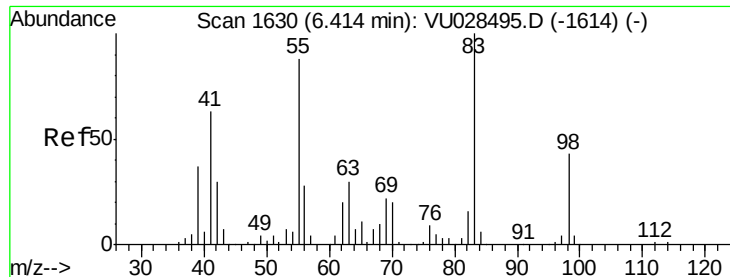
Tot Ion: 43 Resp: 107317
Ion Ratio Lower Upper
43 100
61 12.9 11.0 16.4
70 8.9 7.4 11.0



#38
Carbon Tetrachloride
Concen: 49.585 ug/l
RT: 5.13 min Scan# 1232
Delta R.T. -0.00 min
Lab File: VU028597.D
Acq: 11 Dec 2018 10:30

Tgt Ion: 117 Resp: 70777
Ion Ratio Lower Upper
117 100
119 94.4 77.6 116.4
121 30.6 24.6 36.8

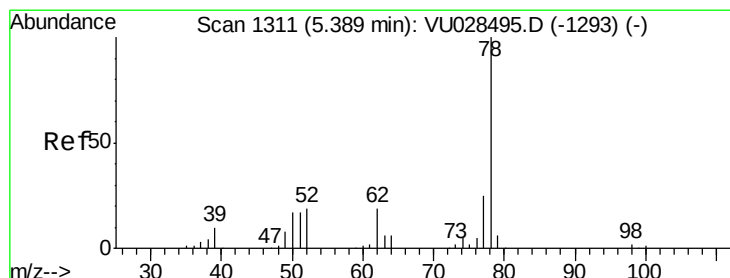
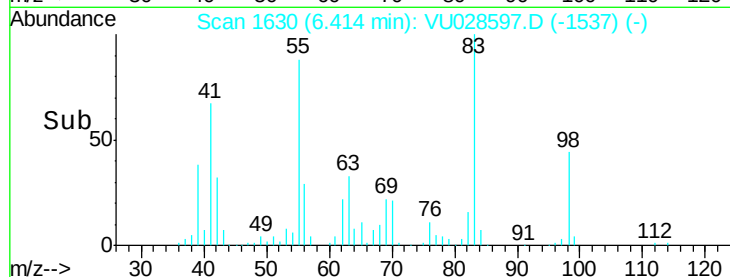
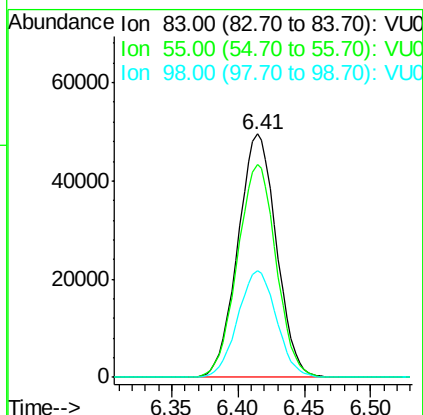
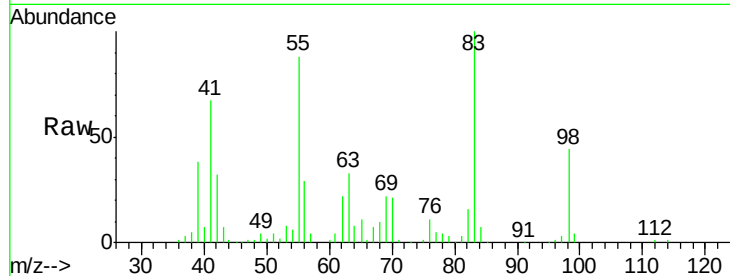




#39
Methylvlcyclohexane
Concen: 46.140 ug/l
RT: 6.41 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VU028597.D
Acq: 11 Dec 2018 10:30

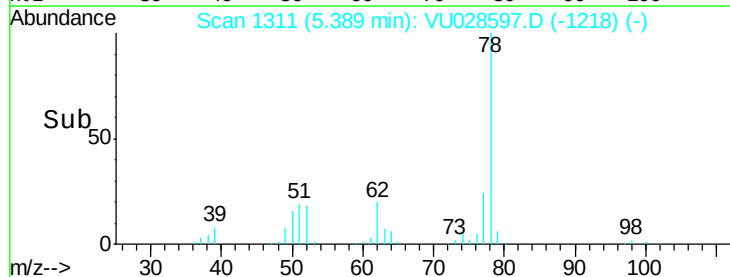
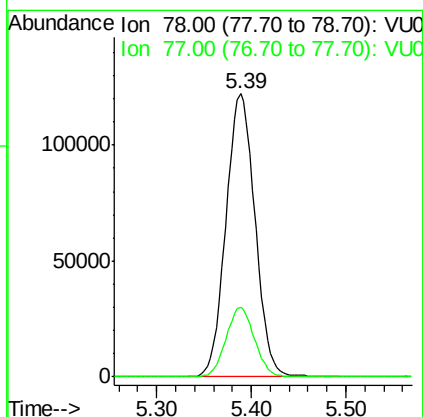
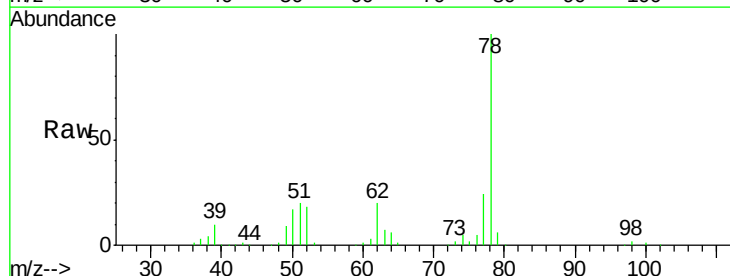
Instrument :
MSVOA_U
ClientSampleId :
BPS1-TT-MW303I2-20181207MS

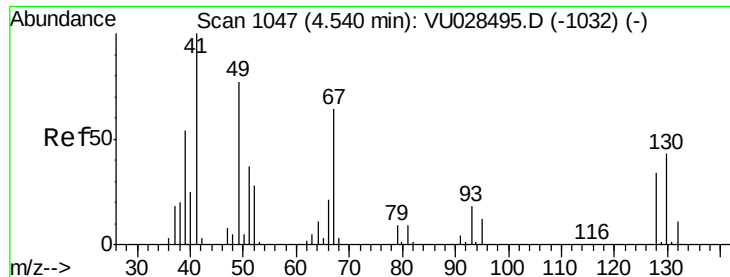
Tot Ion: 83 Resp: 99687
Ion Ratio Lower Upper
83 100
55 87.5 70.2 105.2
98 43.7 34.2 51.4



#40
Benzene
Concen: 50.062 ug/l
RT: 5.39 min Scan# 1311
Delta R.T. -0.00 min
Lab File: VU028597.D
Acq: 11 Dec 2018 10:30

Tgt Ion: 78 Resp: 261116
Ion Ratio Lower Upper
78 100
77 24.5 19.9 29.9





#41

Methacrylonitrile

Concen: 54.187 ug/l

RT: 4.54 min Scan# 1047

Delta R.T. -0.00 min

Lab File: VU028597.D

Acq: 11 Dec 2018 10:30

Instrument :

MSVOA_U

ClientSampleId :

BPS1-TT-MW303I2-20181207MS

Tot Ion: 41 Resp: 67935

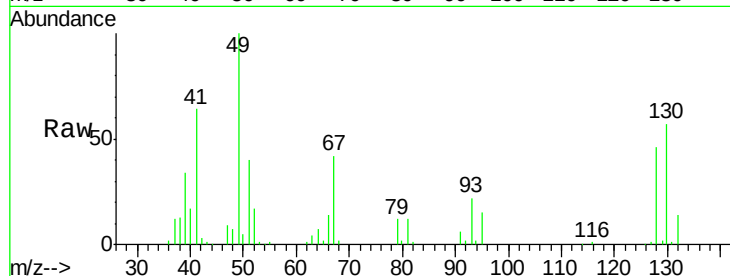
Ion Ratio Lower Upper

41 100

39 53.4 43.3 64.9

67 66.5 53.6 80.4

52 27.1 22.1 33.1

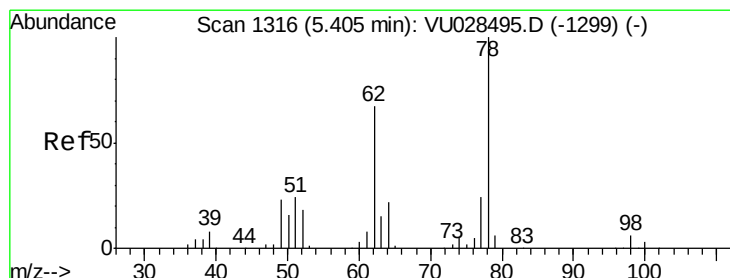
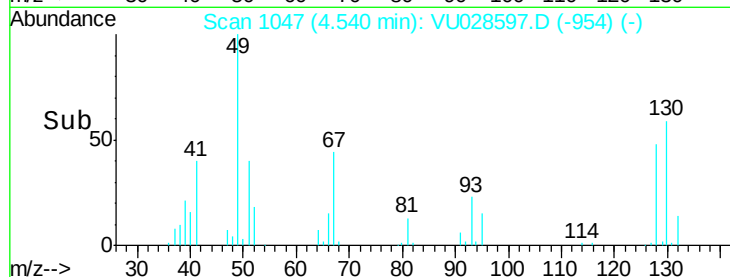
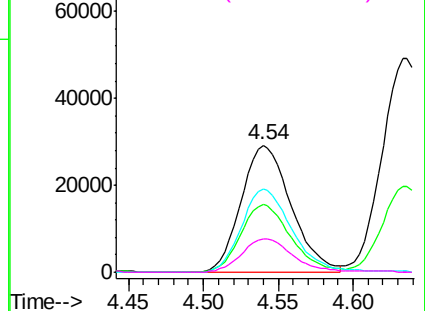


Abundance Ion 41.00 (40.70 to 41.70): VU0

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: 49.728 ug/l

RT: 5.40 min Scan# 1315

Delta R.T. -0.00 min

Lab File: VU028597.D

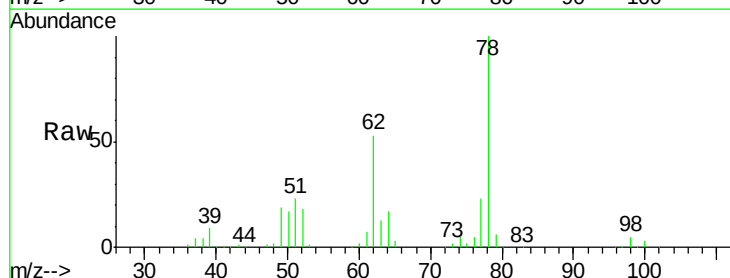
Acq: 11 Dec 2018 10:30

Tgt Ion: 62 Resp: 90790

Ion Ratio Lower Upper

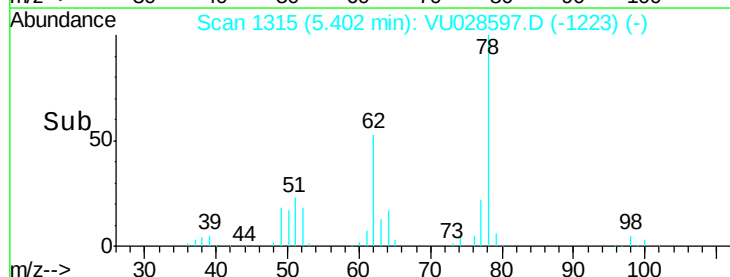
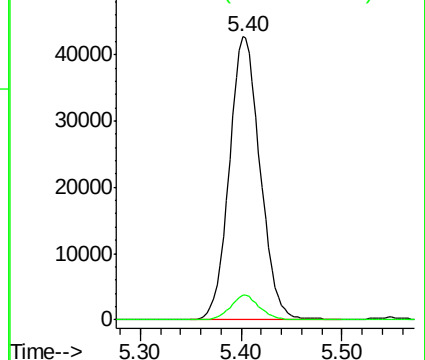
62 100

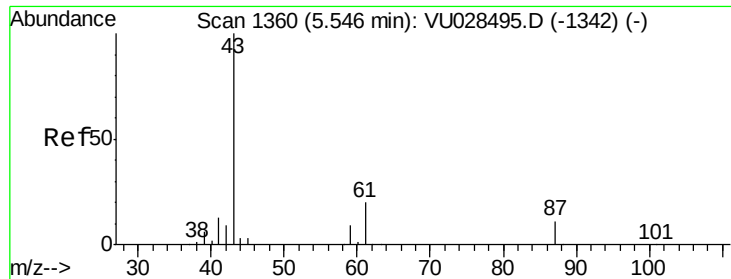
98 8.2 0.0 17.2



Abundance Ion 61.90 (61.60 to 62.60): VU0

Ion 97.90 (97.60 to 98.60): VU0





#43

Isopropyl Acetate

Concen: 49.412 ug/l

RT: 5.55 min Scan# 1360

Delta R.T. -0.00 min

Lab File: VU028597.D

Acq: 11 Dec 2018 10:30

Instrument :

MSVOA_U

ClientSampleId :

BPS1-TT-MW303I2-20181207MS

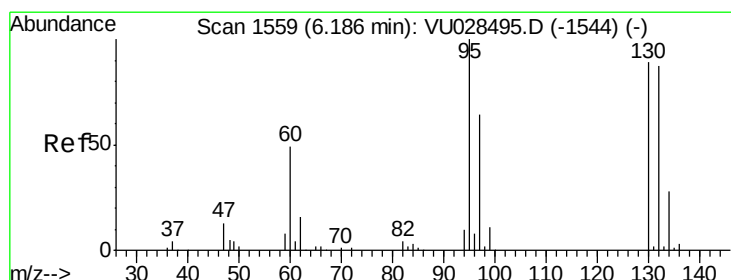
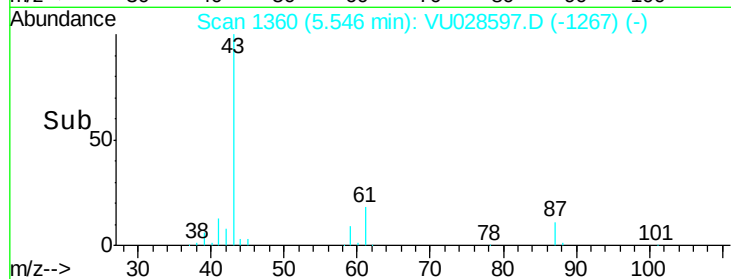
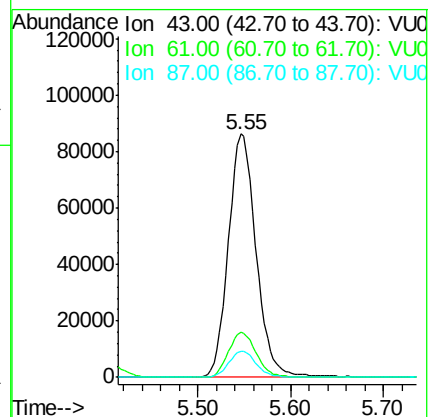
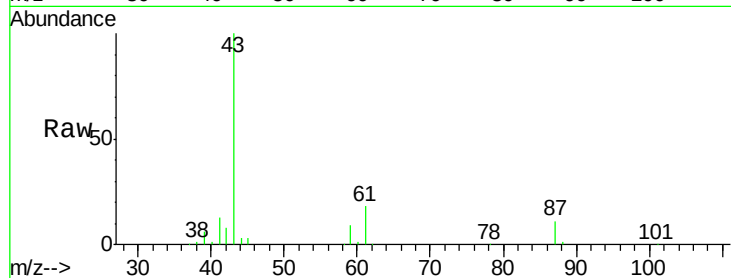
Tot Ion: 43 Resp: 178919

Ion Ratio Lower Upper

43 100

61 18.7 15.5 23.3

87 10.7 8.7 13.1



#44

Trichloroethene

Concen: 51.124 ug/l

RT: 6.19 min Scan# 1559

Delta R.T. -0.00 min

Lab File: VU028597.D

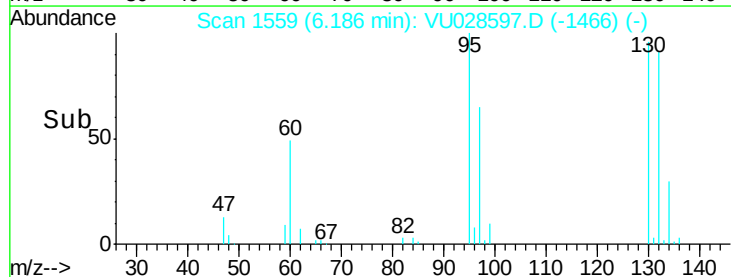
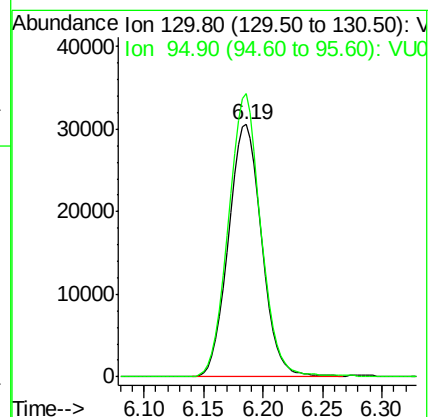
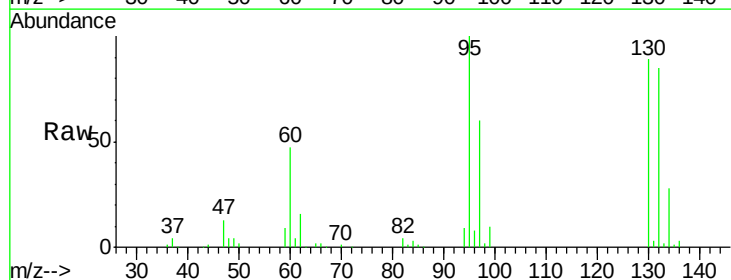
Acq: 11 Dec 2018 10:30

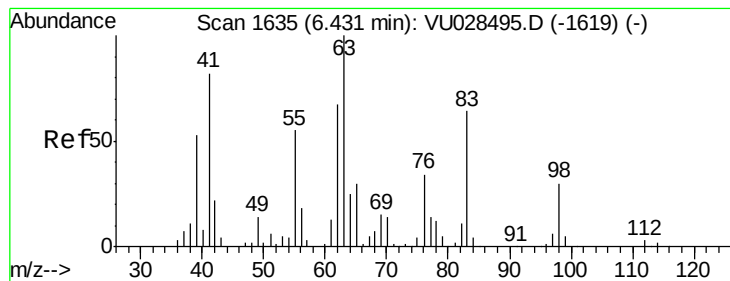
Tgt Ion:130 Resp: 59290

Ion Ratio Lower Upper

130 100

95 112.2 0.0 224.0





#45

1,2-Dichloropropane

Concen: 51.795 ug/l

RT: 6.43 min Scan# 1635

Delta R.T. -0.00 min

Lab File: VU028597.D

Acq: 11 Dec 2018 10:30

Instrument :

MSVOA_U

ClientSampleId :

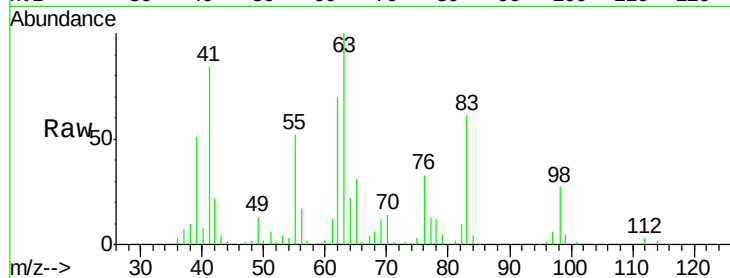
BPS1-TT-MW303I2-20181207MS

Tot Ion: 63 Resp: 75969

Ion Ratio Lower Upper

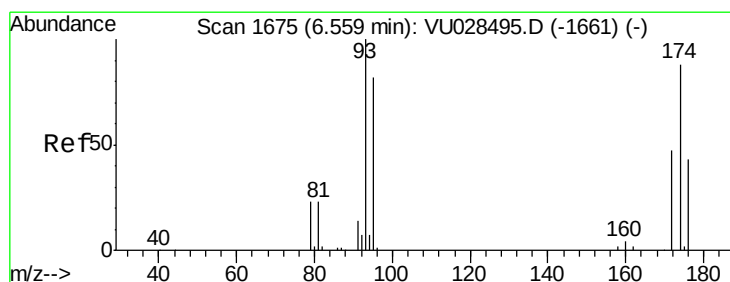
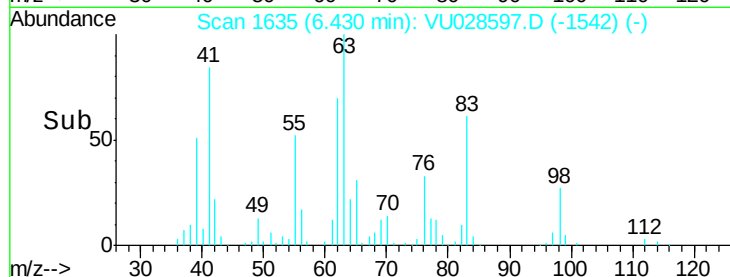
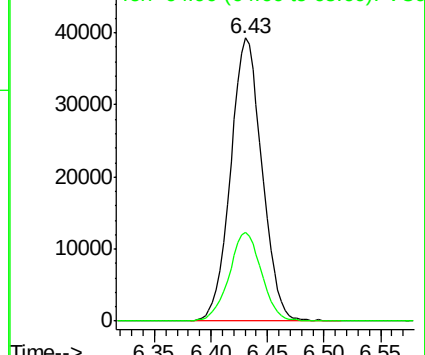
63 100

65 31.3 24.2 36.4



Abundance Ion 62.90 (62.60 to 63.60): VU0

Ion 64.90 (64.60 to 65.60): VU0



#46

Dibromomethane

Concen: 50.916 ug/l

RT: 6.56 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VU028597.D

Acq: 11 Dec 2018 10:30

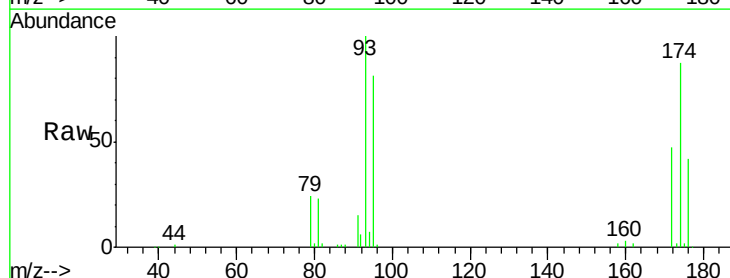
Tgt Ion: 93 Resp: 44310

Ion Ratio Lower Upper

93 100

95 81.5 65.4 98.2

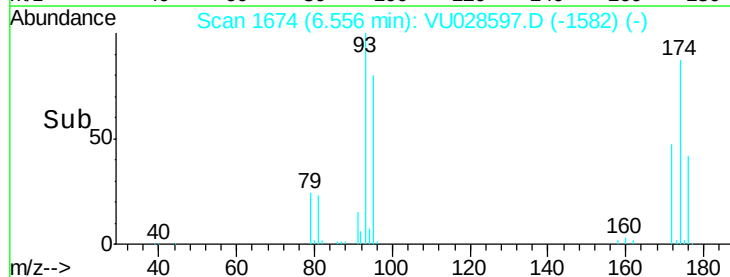
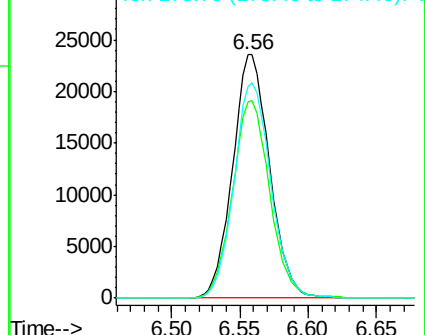
174 88.4 72.2 108.4

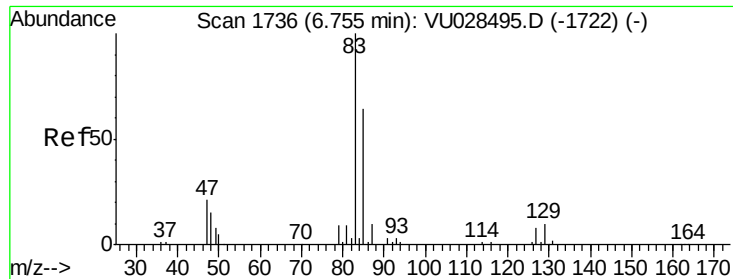


Abundance Ion 92.80 (92.50 to 93.50): VU0

Ion 94.80 (94.50 to 95.50): VU0

Ion 173.70 (173.40 to 174.40): V

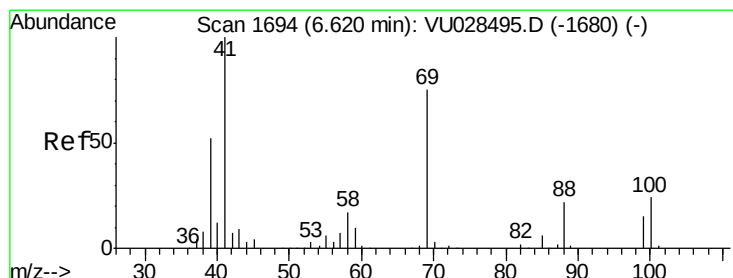
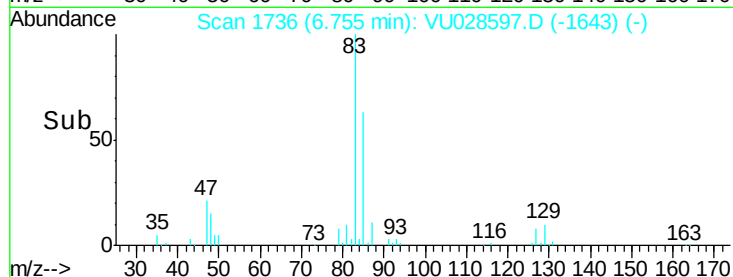
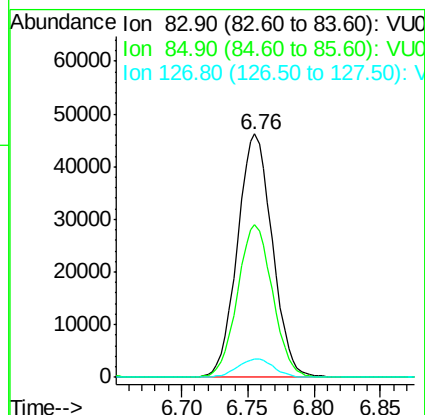
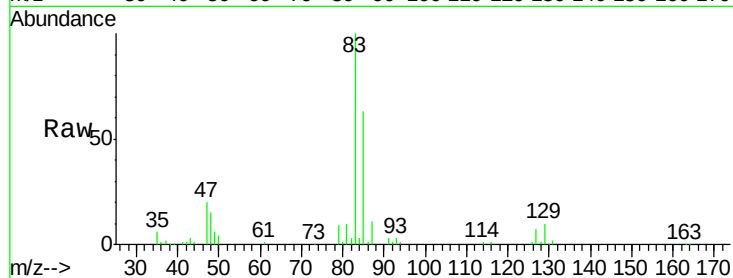




#47
Bromodichloromethane
Concen: 49.973 ug/l
RT: 6.76 min Scan# 1736
Delta R.T. -0.00 min
Lab File: VU028597.D
Acq: 11 Dec 2018 10:30

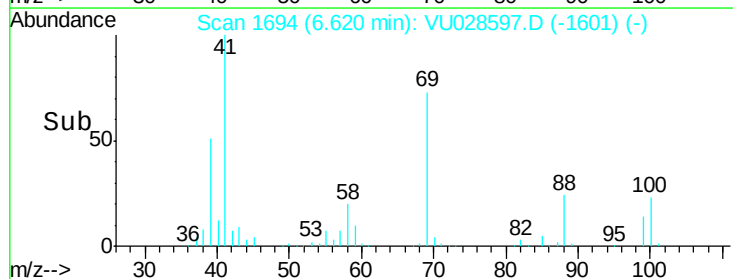
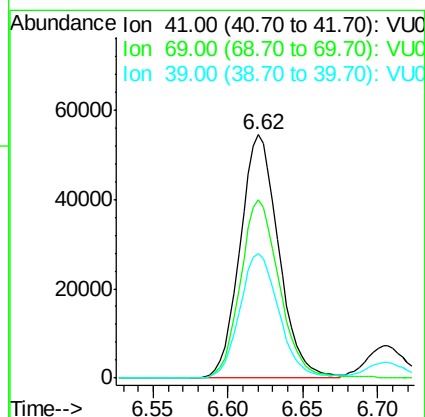
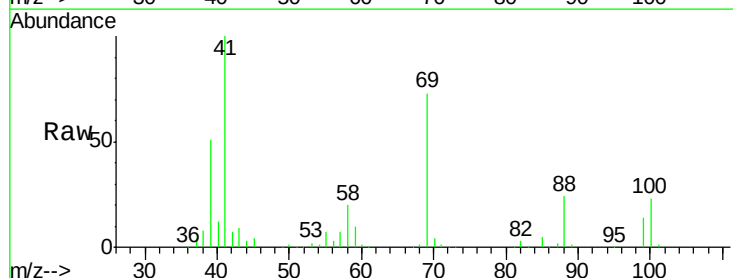
Instrument :
MSVOA_U
ClientSampleId :
BPS1-TT-MW303I2-20181207MS

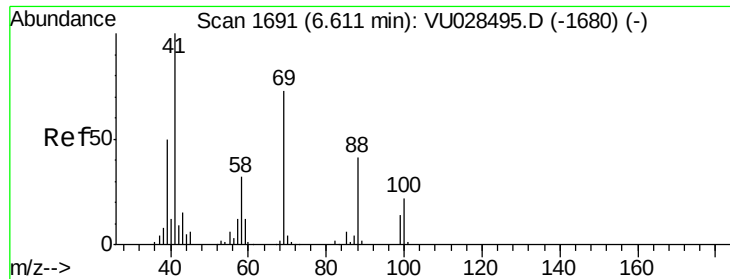
Tot Ion: 83 Resp: 84628
Ion Ratio Lower Upper
83 100
85 62.6 51.5 77.3
127 7.5 6.2 9.4



#48
Methyl methacrylate
Concen: 54.341 ug/l
RT: 6.62 min Scan# 1694
Delta R.T. -0.00 min
Lab File: VU028597.D
Acq: 11 Dec 2018 10:30

Tgt Ion: 41 Resp: 97854
Ion Ratio Lower Upper
41 100
69 74.0 60.4 90.6
39 51.7 41.1 61.7

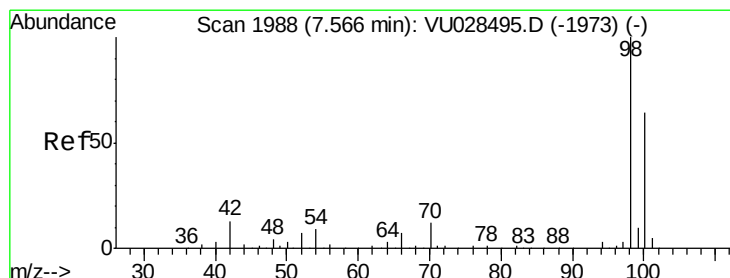
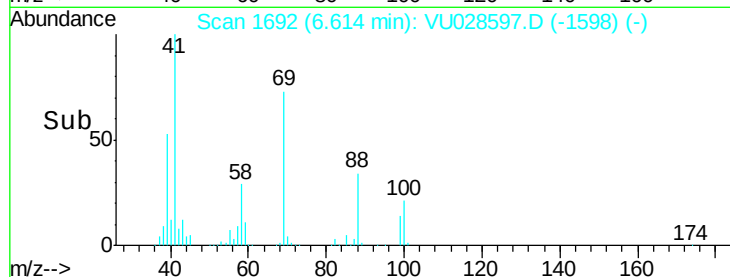
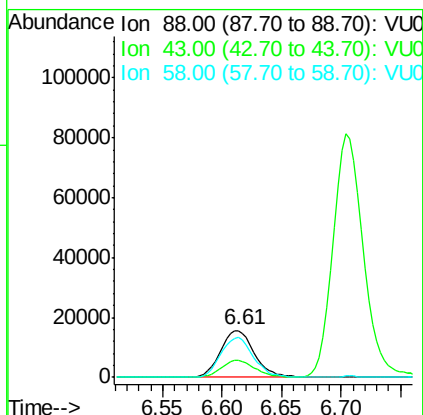
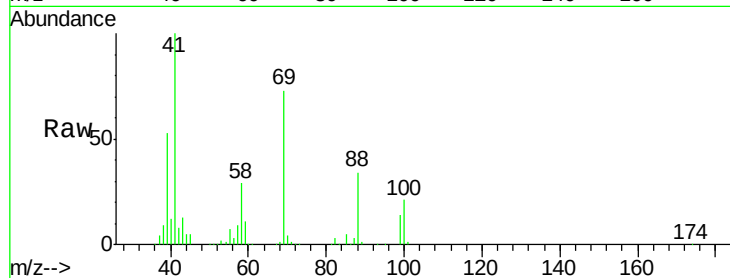




#49
1,4-Dioxane
Concen: 1093.594 ug/l
RT: 6.61 min Scan# 1692
Delta R.T. 0.00 min
Lab File: VU028597.D
Acq: 11 Dec 2018 10:30

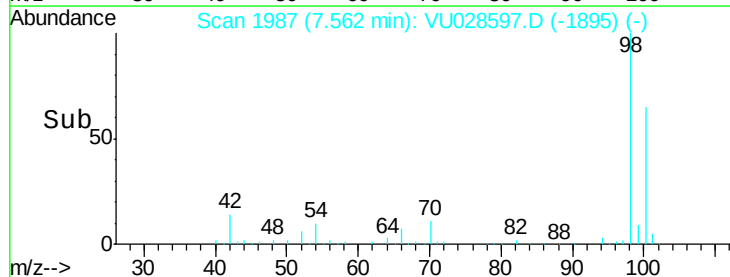
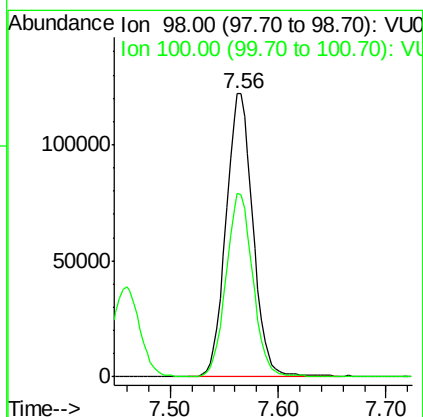
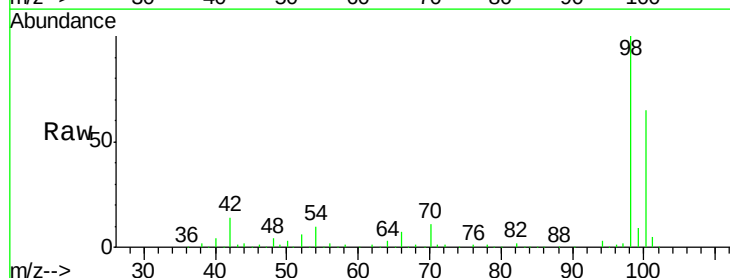
Instrument :
MSVOA_U
ClientSampleId :
BPS1-TT-MW303I2-20181207MS

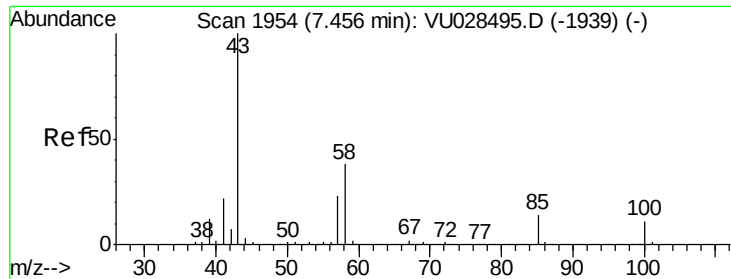
Tot Ion: 88 Resp: 31094
Ion Ratio Lower Upper
88 100
43 36.9 30.9 46.3
58 81.5 62.4 93.6



#50
Toluene-d8
Concen: 52.814 ug/l
RT: 7.56 min Scan# 1987
Delta R.T. -0.00 min
Lab File: VU028597.D
Acq: 11 Dec 2018 10:30

Tgt Ion: 98 Resp: 212775
Ion Ratio Lower Upper
98 100
100 63.8 51.0 76.6





#51

4-Methyl-2-Pentanone

Concen: 270.430 ug/l

RT: 7.46 min Scan# 1955

Delta R.T. 0.00 min

Lab File: VU028597.D

Acq: 11 Dec 2018 10:30

Instrument :

MSVOA_U

ClientSampleId :

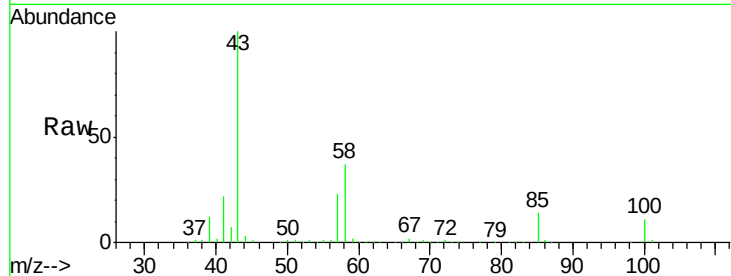
BPS1-TT-MW30312-20181207MS

Tot Ion: 43 Resp: 617607

Ion Ratio Lower Upper

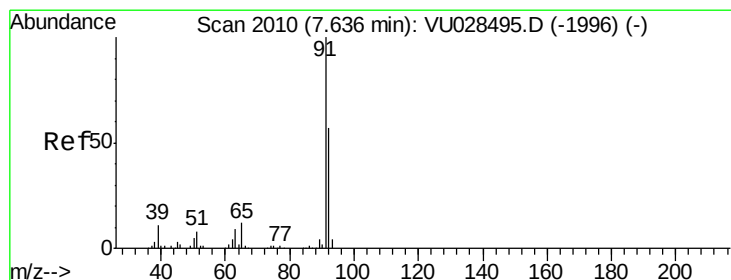
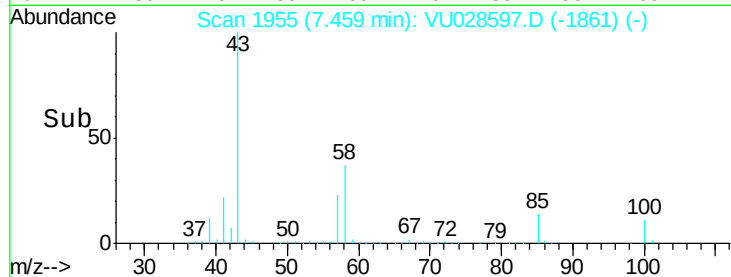
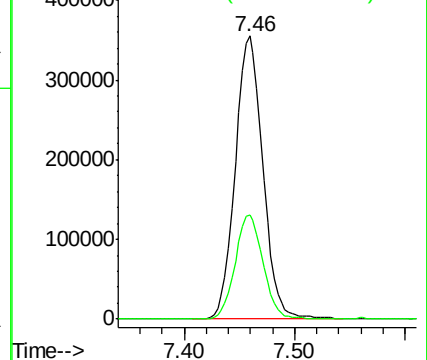
43 100

58 37.2 30.2 45.2



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0



#52

Toluene

Concen: 49.312 ug/l

RT: 7.64 min Scan# 2010

Delta R.T. -0.00 min

Lab File: VU028597.D

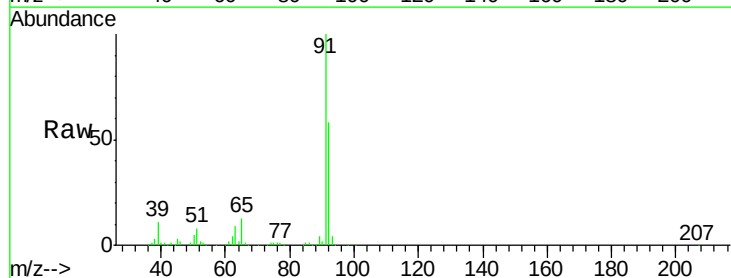
Acq: 11 Dec 2018 10:30

Tgt Ion: 92 Resp: 151370

Ion Ratio Lower Upper

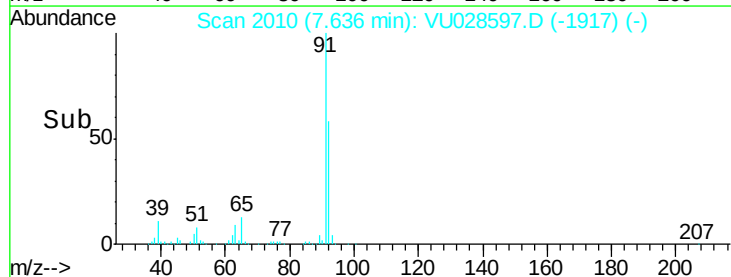
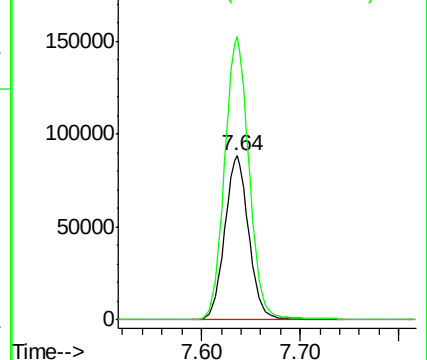
92 100

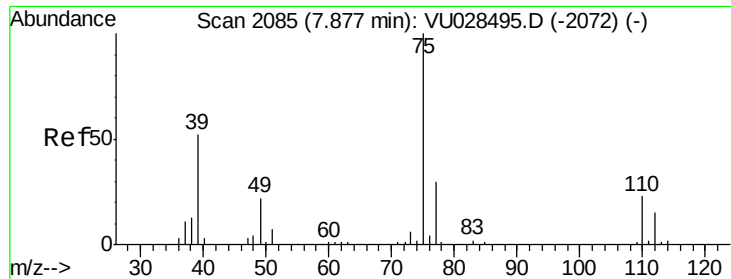
91 175.3 140.2 210.4



Abundance Ion 92.00 (91.70 to 92.70): VU0

Ion 91.00 (90.70 to 91.70): VU0

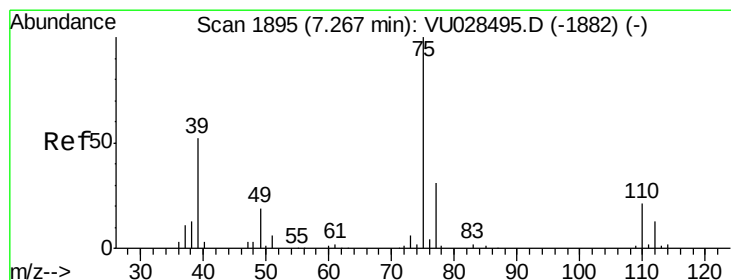
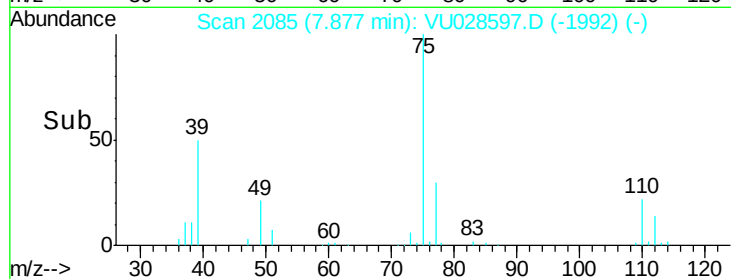
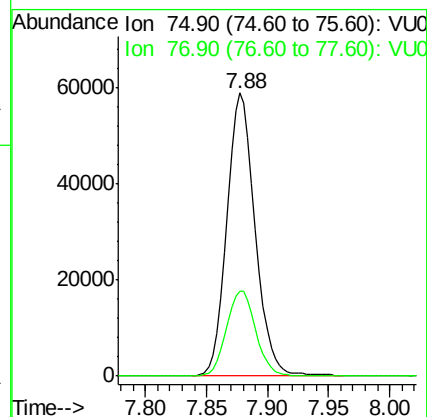
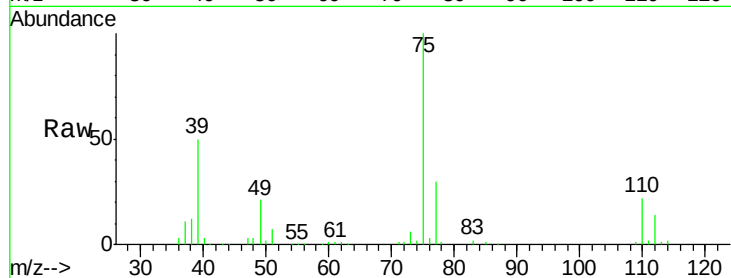




#53
t-1,3-Dichloropropene
Concen: 47.496 ug/l
RT: 7.88 min Scan# 2085
Delta R.T. -0.00 min
Lab File: VU028597.D
Acq: 11 Dec 2018 10:30

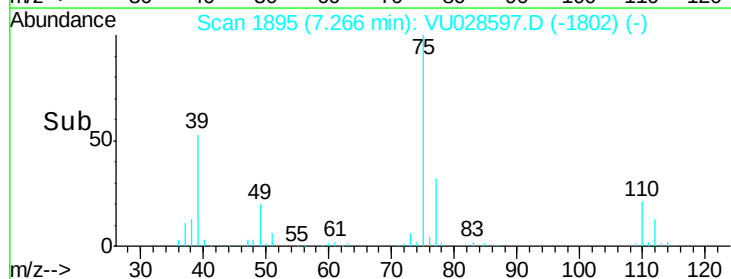
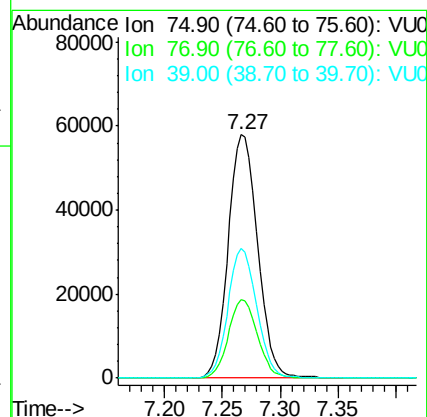
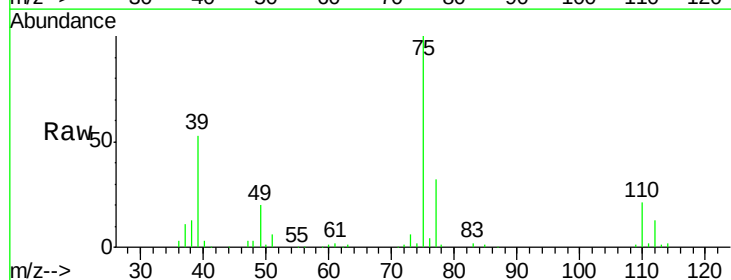
Instrument :
MSVOA_U
ClientSampleId :
BPS1-TT-MW303I2-20181207MS

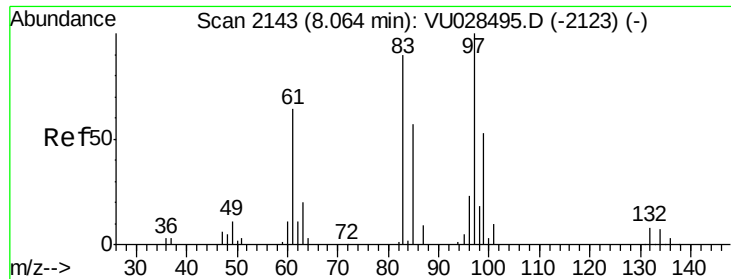
Tot Ion: 75 Resp: 95793
Ion Ratio Lower Upper
75 100
77 30.2 24.2 36.4



#54
cis-1,3-Dichloropropene
Concen: 46.779 ug/l
RT: 7.27 min Scan# 1895
Delta R.T. -0.00 min
Lab File: VU028597.D
Acq: 11 Dec 2018 10:30

Tgt Ion: 75 Resp: 102361
Ion Ratio Lower Upper
75 100
77 32.1 25.0 37.4
39 53.5 41.3 61.9

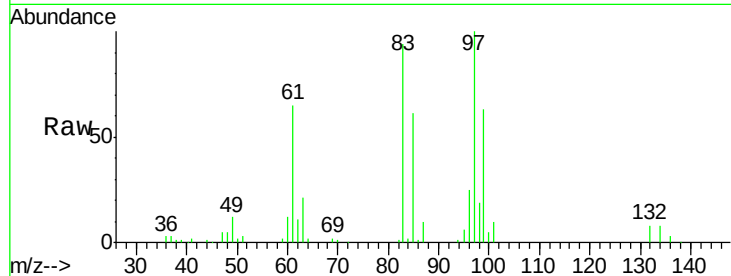




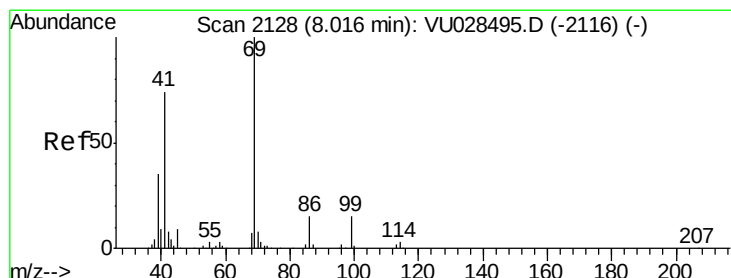
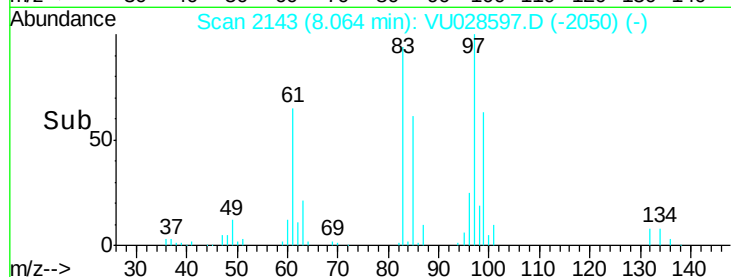
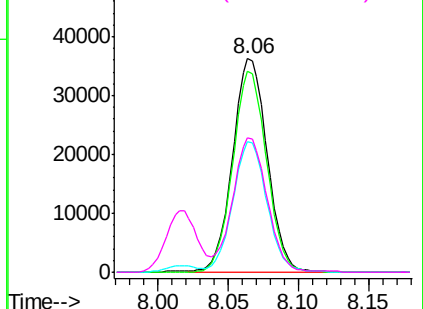
#55
 1,1,2-Trichloroethane
 Concen: 51.394 ug/l
 RT: 8.06 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VU028597.D
 Acq: 11 Dec 2018 10:30

Instrument :
 MSVOA_U
 ClientSampleId :
 BPS1-TT-MW303I2-20181207MS

Tot Ion:	97	Resp:	62361
Ion	Ratio	Lower	Upper
97	100		
83	94.4	72.4	108.6
85	61.0	46.0	69.0
99	62.8	47.4	71.2

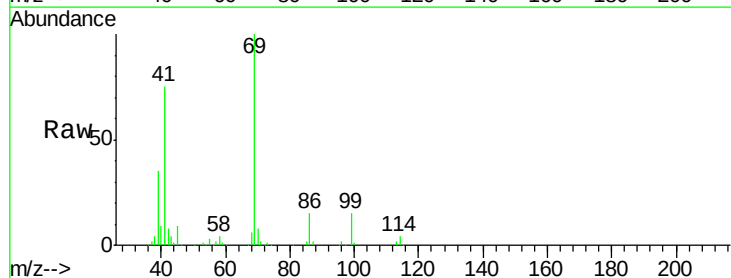


Abundance Ion 96.90 (96.60 to 97.60): VU0
 Ion 82.90 (82.60 to 83.60): VU0
 Ion 84.90 (84.60 to 85.60): VU0
 Ion 98.90 (98.60 to 99.60): VU0

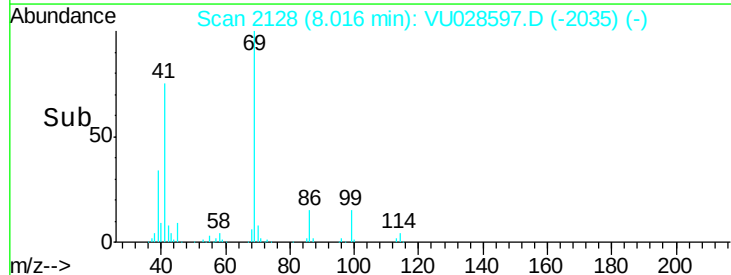
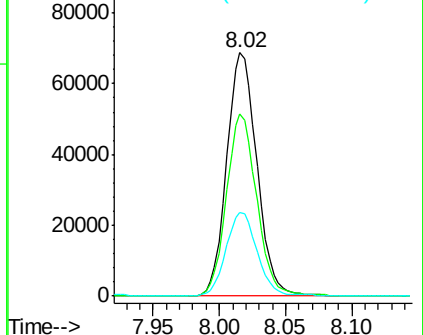


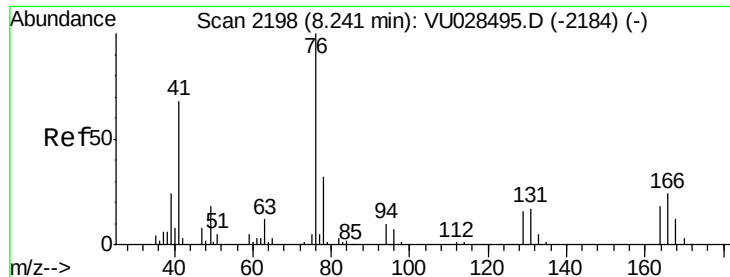
#56
 Ethyl methacrylate
 Concen: 52.508 ug/l
 RT: 8.02 min Scan# 2128
 Delta R.T. -0.00 min
 Lab File: VU028597.D
 Acq: 11 Dec 2018 10:30

Tgt Ion:	69	Resp:	109106
Ion	Ratio	Lower	Upper
69	100		
41	75.2	59.1	88.7
39	35.2	28.4	42.6



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

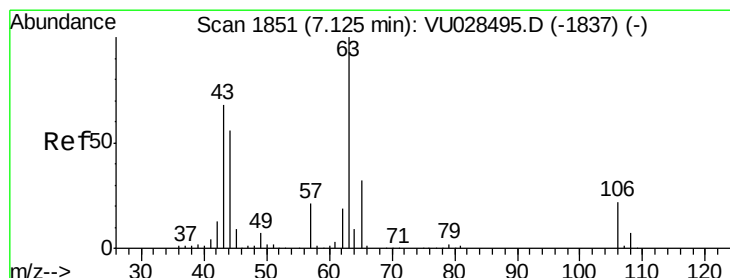
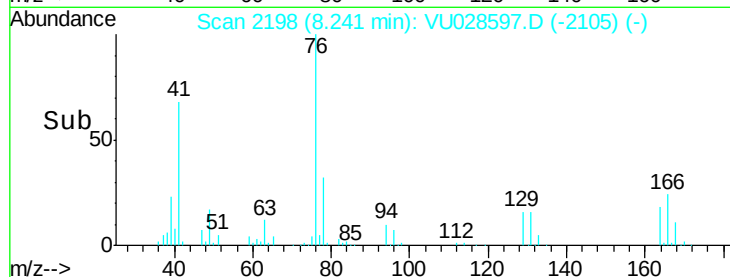
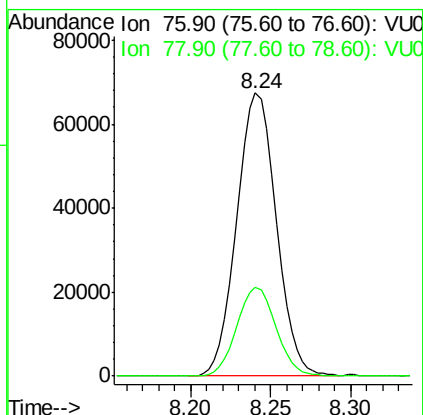
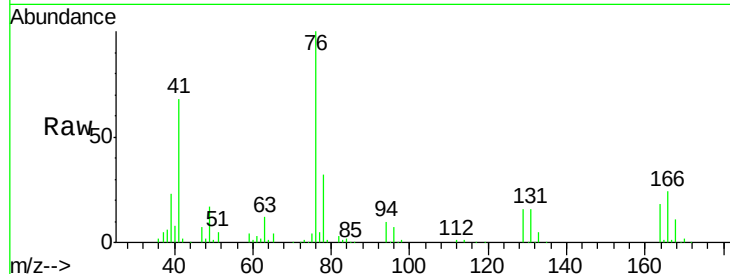




#57
 1,3-Dichloropropane
 Concen: 50.466 ug/l
 RT: 8.24 min Scan# 2198
 Delta R.T. -0.00 min
 Lab File: VU028597.D
 Acq: 11 Dec 2018 10:30

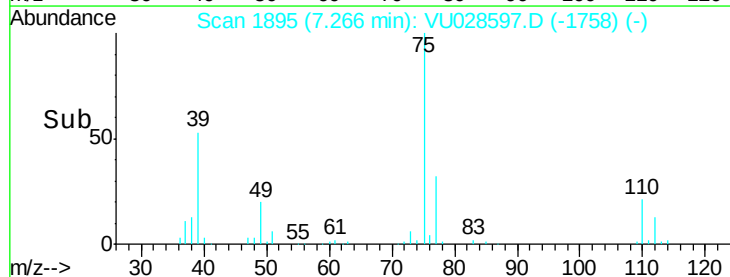
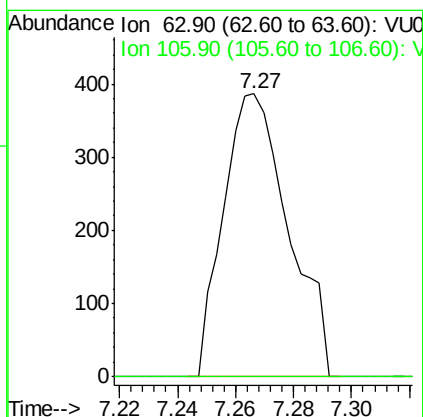
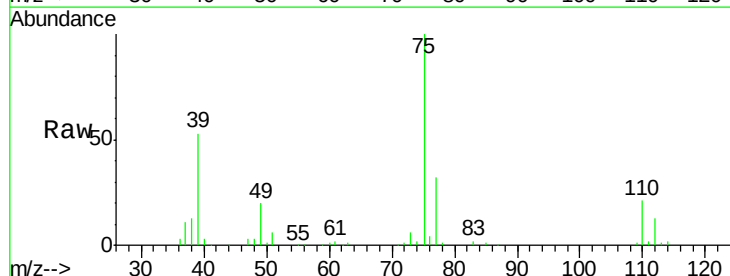
Instrument :
 MSVOA_U
 ClientSampleId :
 BPS1-TT-MW303I2-20181207MS

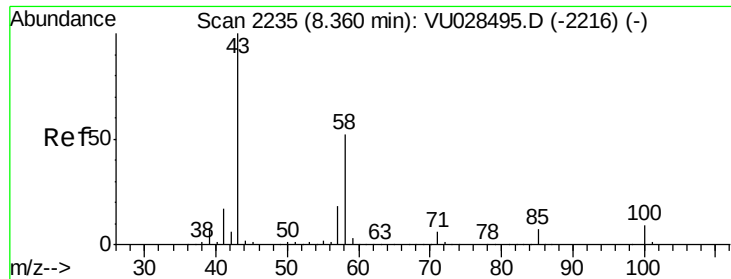
Tot Ion: 76 Resp: 113671
 Ion Ratio Lower Upper
 76 100
 78 31.2 25.2 37.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 0.566 ug/l
 RT: 7.27 min Scan# 1895
 Delta R.T. 0.14 min
 Lab File: VU028597.D
 Acq: 11 Dec 2018 10:30

Tgt Ion: 63 Resp: 602
 Ion Ratio Lower Upper
 63 100
 106 0.0 17.8 26.6#

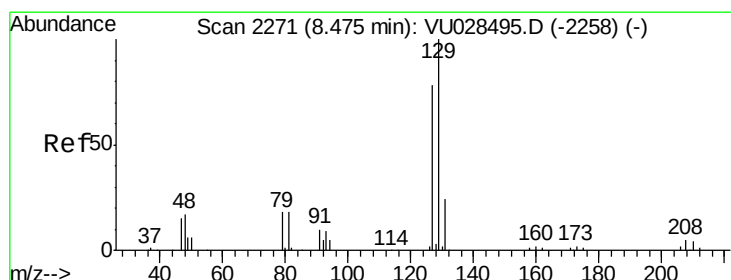
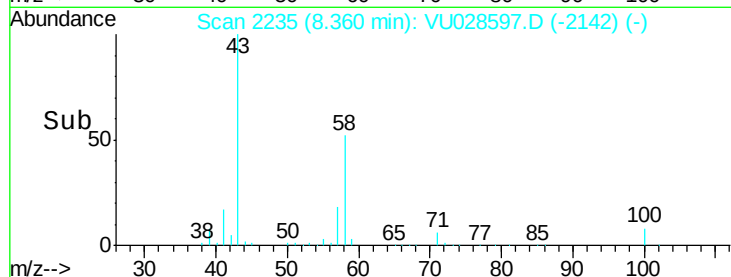
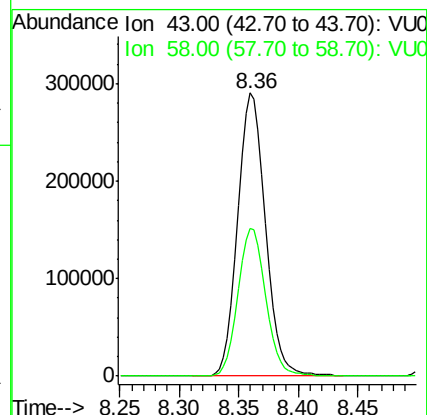
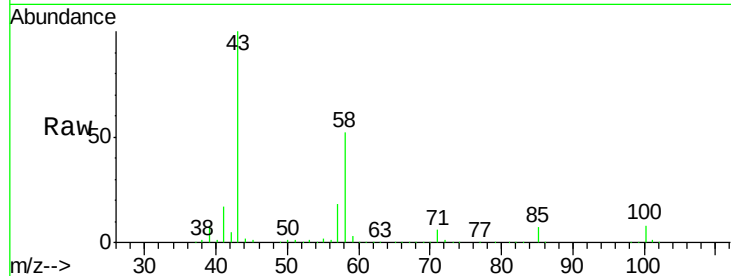




#59
2-Hexanone
Concen: 259.979 ug/l
RT: 8.36 min Scan# 2235
Delta R.T. -0.00 min
Lab File: VU028597.D
Acq: 11 Dec 2018 10:30

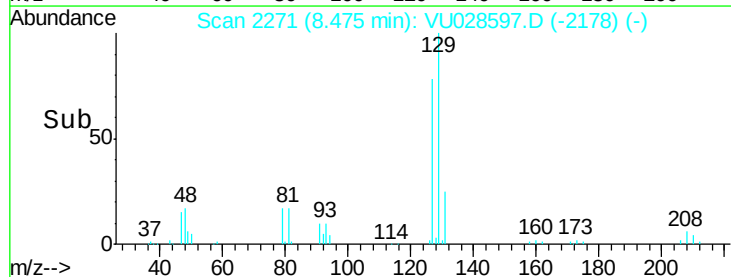
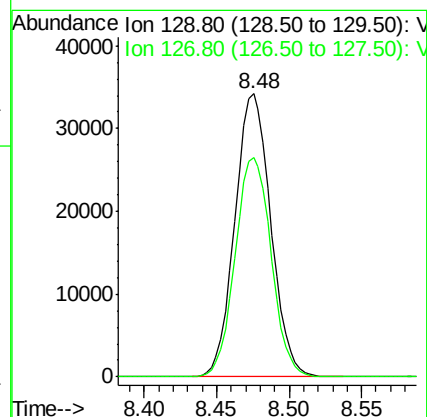
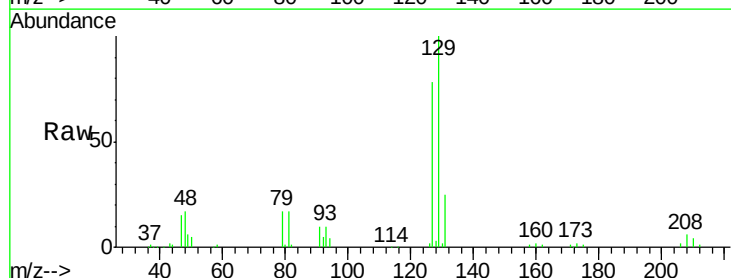
Instrument :
MSVOA_U
ClientSampleId :
BPS1-TT-MW303I2-20181207MS

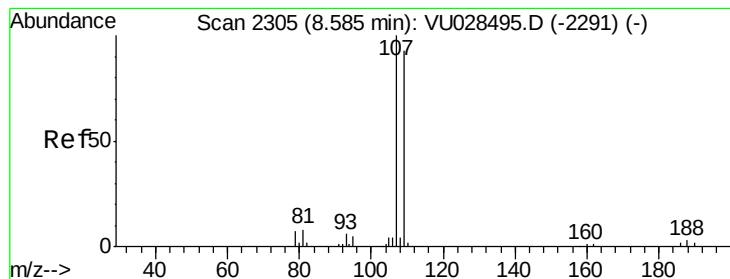
Tot Ion: 43 Resp: 470602
Ion Ratio Lower Upper
43 100
58 52.6 25.9 77.6



#60
Dibromochloromethane
Concen: 49.567 ug/l
RT: 8.48 min Scan# 2271
Delta R.T. -0.00 min
Lab File: VU028597.D
Acq: 11 Dec 2018 10:30

Tgt Ion: 129 Resp: 58885
Ion Ratio Lower Upper
129 100
127 77.3 39.1 117.3





#61

1,2-Dibromoethane

Concen: 50.925 ug/l

RT: 8.58 min Scan# 2305

Delta R.T. -0.00 min

Lab File: VU028597.D

Acq: 11 Dec 2018 10:30

Instrument :

MSVOA_U

ClientSampleId :

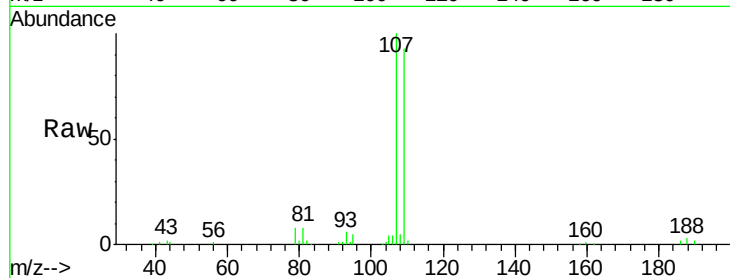
BPS1-TT-MW303I2-20181207MS

Tot Ion:107 Resp: 64799

Ion Ratio Lower Upper

107 100

109 94.4 74.5 111.7



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

8.58

40000

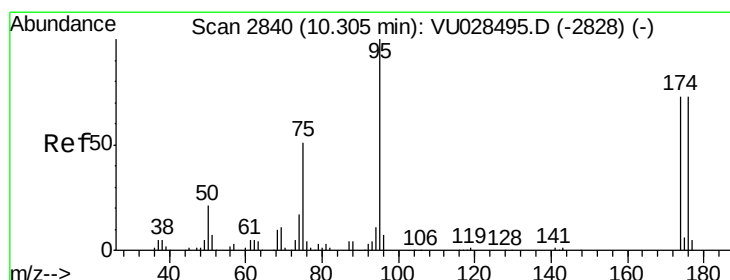
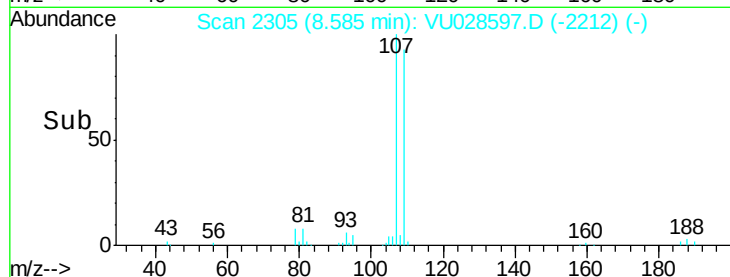
30000

20000

10000

0

Time--> 8.50 8.55 8.60 8.65



#62

4-Bromofluorobenzene

Concen: 52.474 ug/l

RT: 10.30 min Scan# 2840

Delta R.T. -0.00 min

Lab File: VU028597.D

Acq: 11 Dec 2018 10:30

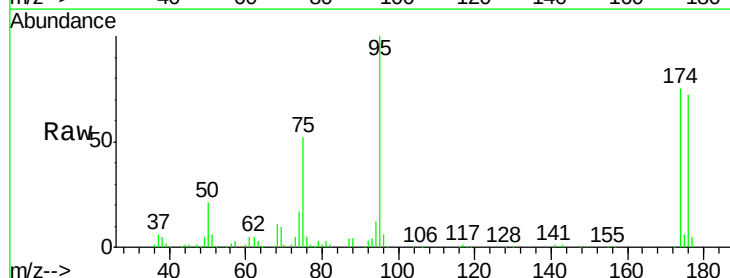
Tgt Ion: 95 Resp: 79015

Ion Ratio Lower Upper

95 100

174 75.9 0.0 150.4

176 72.5 0.0 145.2



Abundance Ion 94.90 (94.60 to 95.60): VU0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

10.30

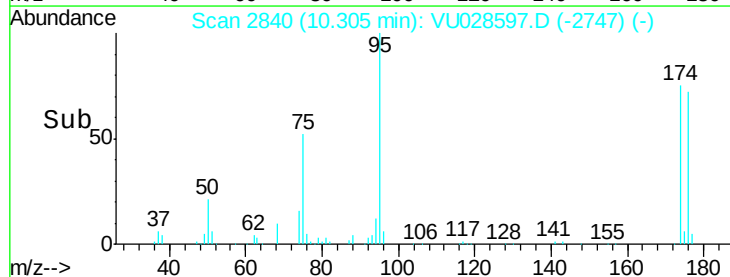
60000

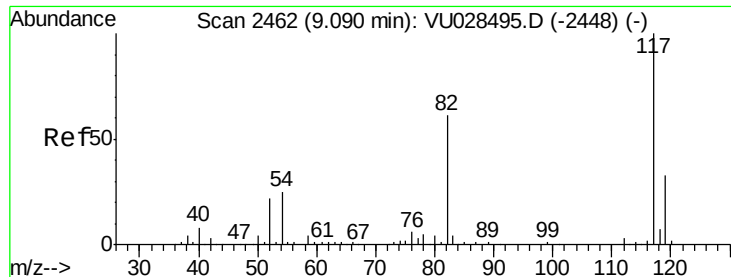
40000

20000

0

Time--> 10.30 10.40

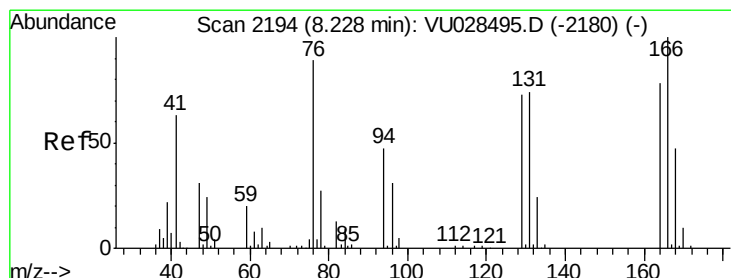
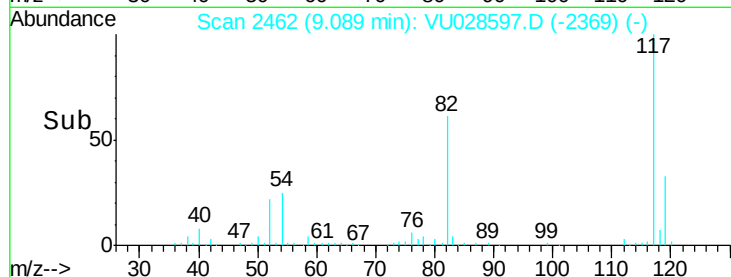
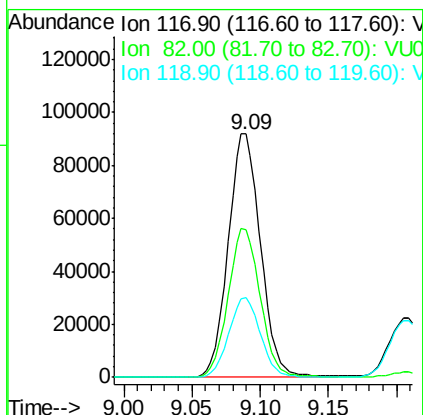
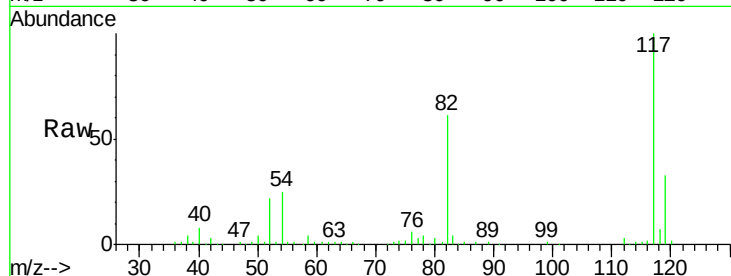




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. -0.00 min
Lab File: VU028597.D
Acq: 11 Dec 2018 10:30

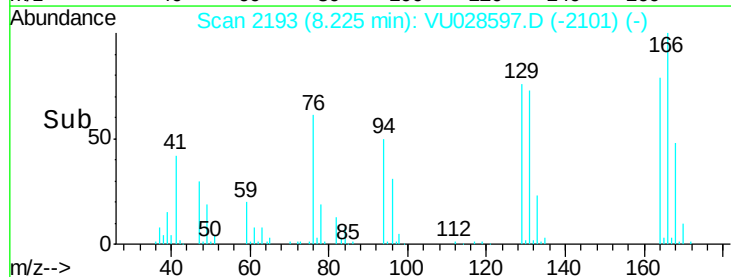
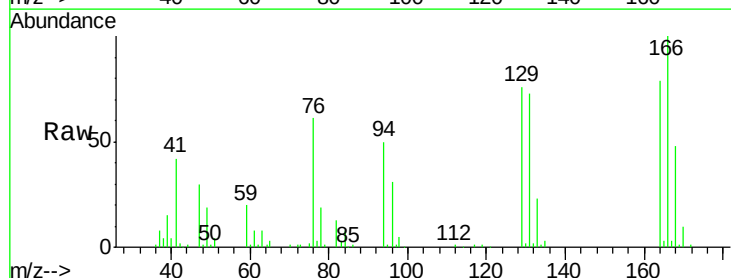
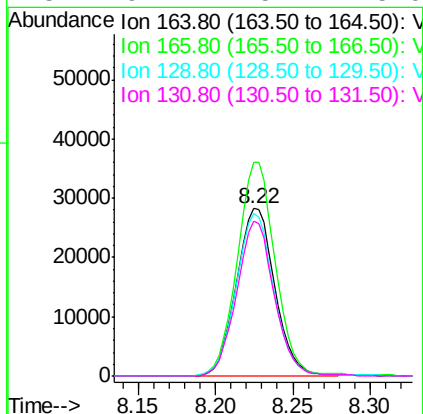
Instrument :
MSVOA_U
ClientSampleId :
BPS1-TT-MW303I2-20181207MS

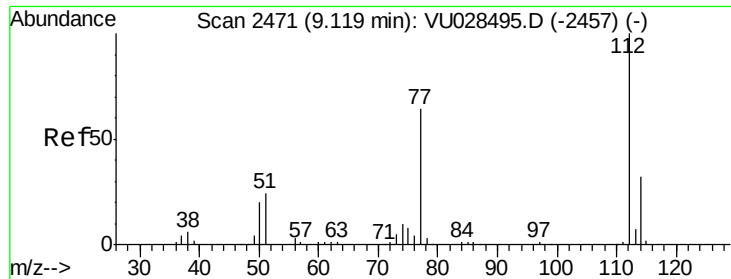
Tot Ion:117 Resp: 151357
Ion Ratio Lower Upper
117 100
82 60.7 48.9 73.3
119 32.7 26.2 39.4



#64
Tetrachloroethene
Concen: 48.244 ug/l
RT: 8.22 min Scan# 2193
Delta R.T. -0.00 min
Lab File: VU028597.D
Acq: 11 Dec 2018 10:30

Tgt Ion:164 Resp: 48707
Ion Ratio Lower Upper
164 100
166 127.2 101.9 152.9
129 97.0 74.9 112.3
131 92.7 75.4 113.0

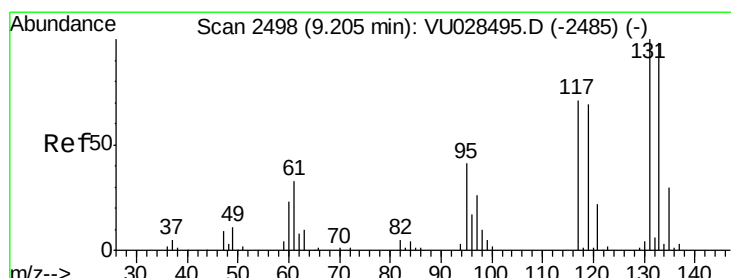
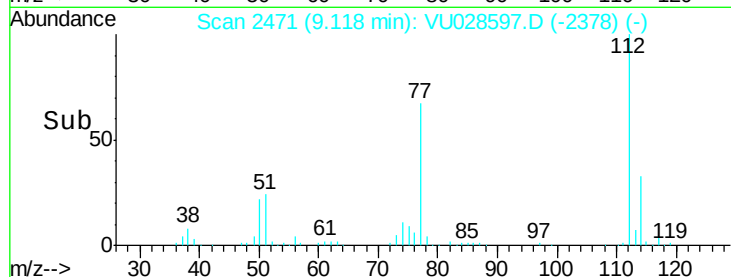
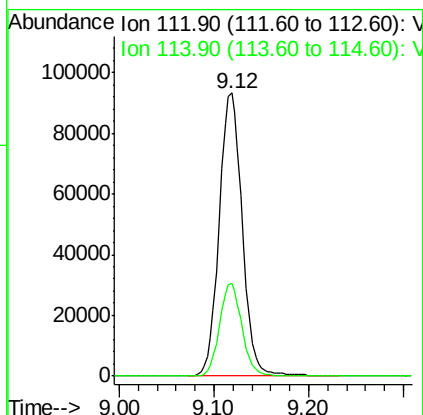
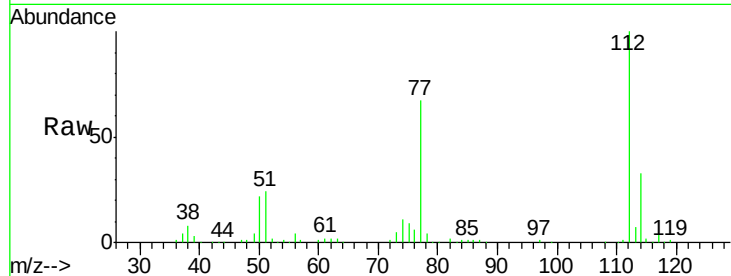




#65
Chlorobenzene
Concen: 48.979 ug/l
RT: 9.12 min Scan# 2471
Delta R.T. -0.00 min
Lab File: VU028597.D
Acq: 11 Dec 2018 10:30

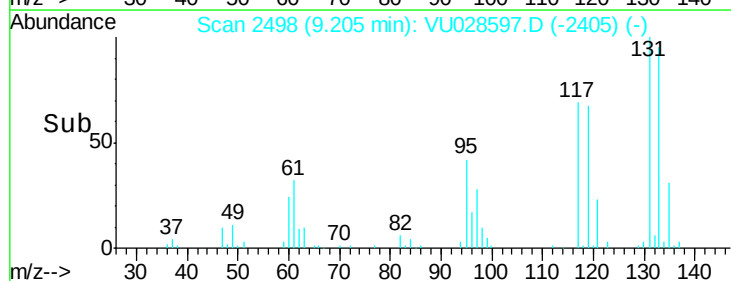
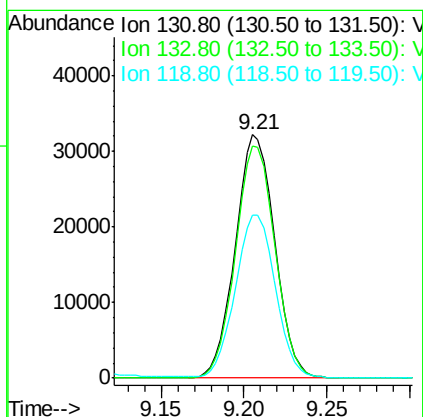
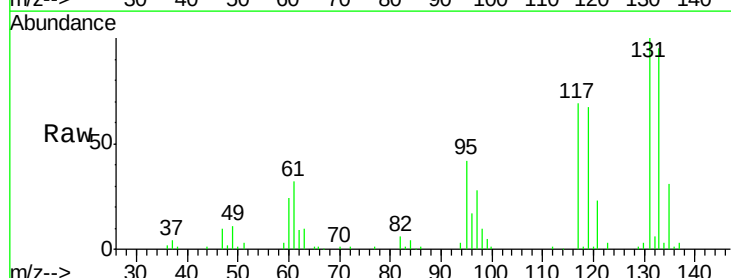
Instrument :
MSVOA_U
ClientSampleId :
BPS1-TT-MW303I2-20181207MS

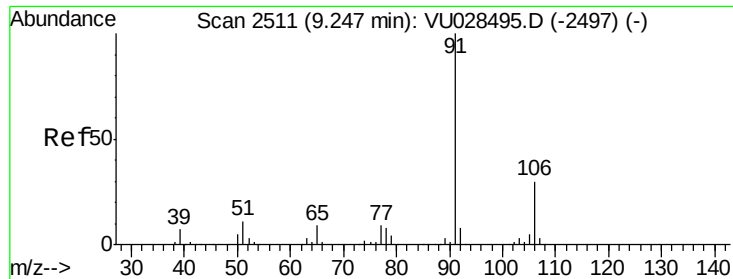
Tot Ion:112 Resp: 157969
Ion Ratio Lower Upper
112 100
114 32.5 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 51.832 ug/l
RT: 9.21 min Scan# 2498
Delta R.T. -0.00 min
Lab File: VU028597.D
Acq: 11 Dec 2018 10:30

Tgt Ion:131 Resp: 53383
Ion Ratio Lower Upper
131 100
133 95.7 48.0 144.0
119 68.5 34.6 103.9

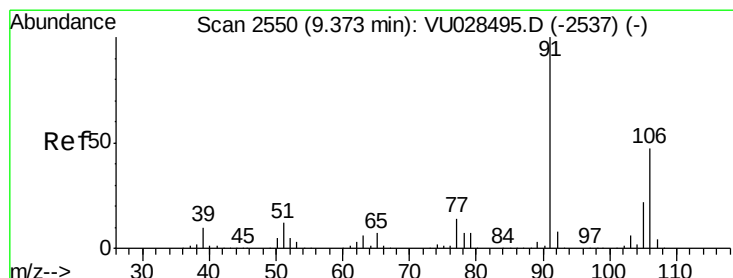
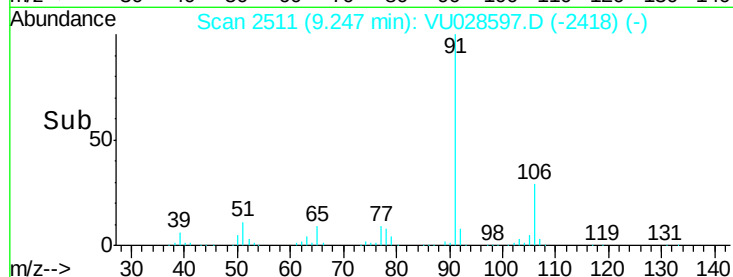
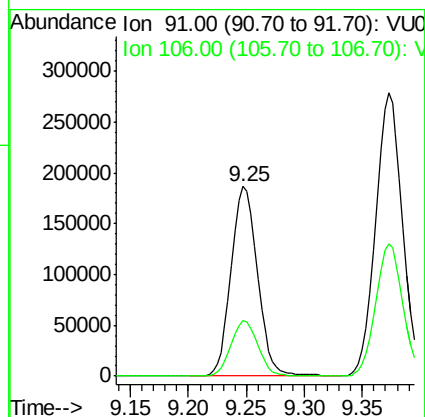
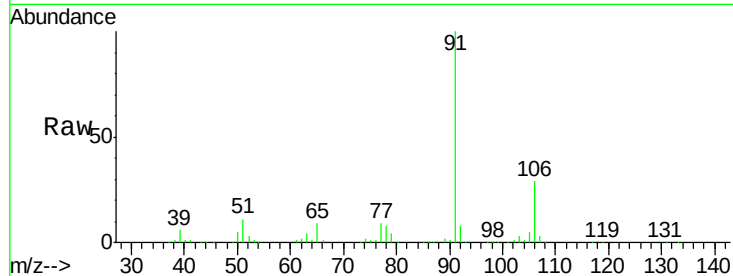




#67
Ethyl Benzene
Concen: 49.558 ug/l
RT: 9.25 min Scan# 2511
Delta R.T. -0.00 min
Lab File: VU028597.D
Acq: 11 Dec 2018 10:30

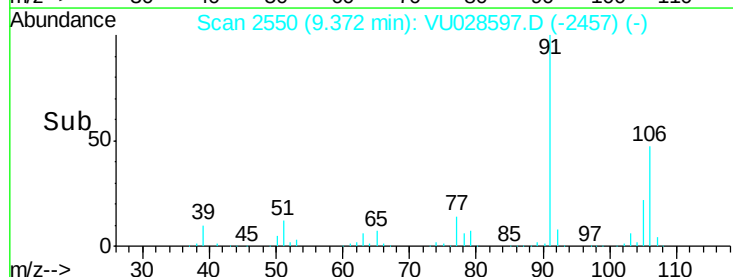
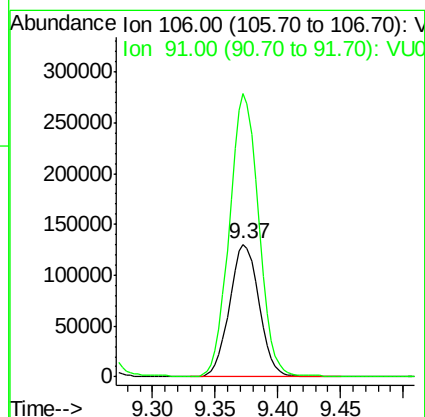
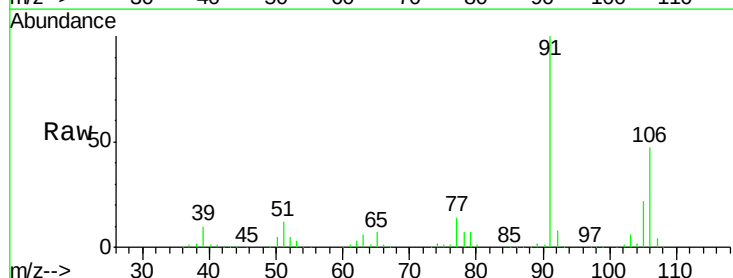
Instrument :
MSVOA_U
ClientSampleId :
BPS1-TT-MW303I2-20181207MS

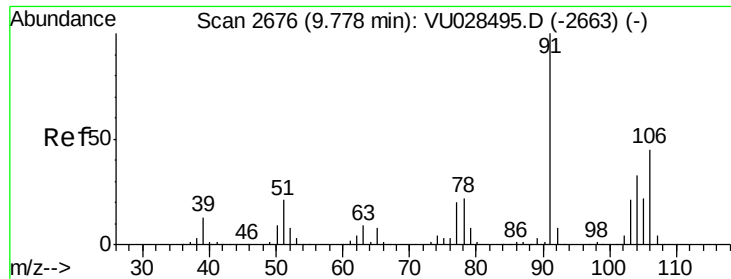
Tot Ion: 91 Resp: 293833
Ion Ratio Lower Upper
91 100
106 29.1 24.1 36.1



#68
m/p-Xylenes
Concen: 98.924 ug/l
RT: 9.37 min Scan# 2550
Delta R.T. -0.00 min
Lab File: VU028597.D
Acq: 11 Dec 2018 10:30

Tgt Ion: 106 Resp: 213423
Ion Ratio Lower Upper
106 100
91 212.4 167.4 251.0

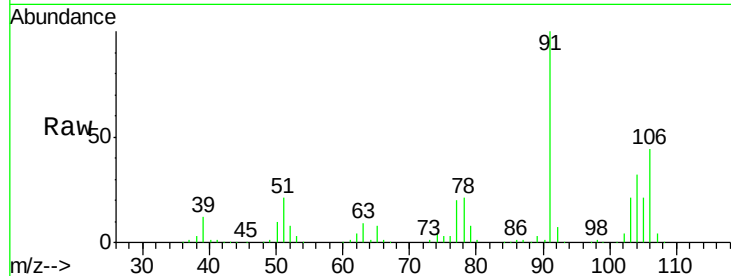




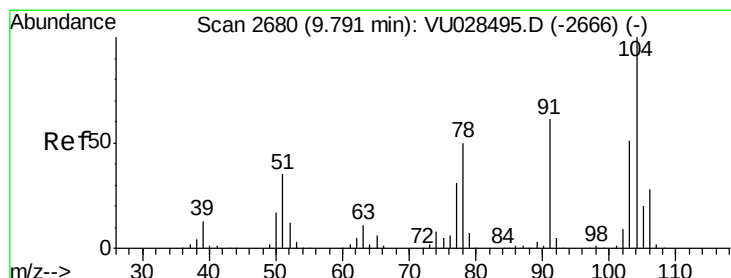
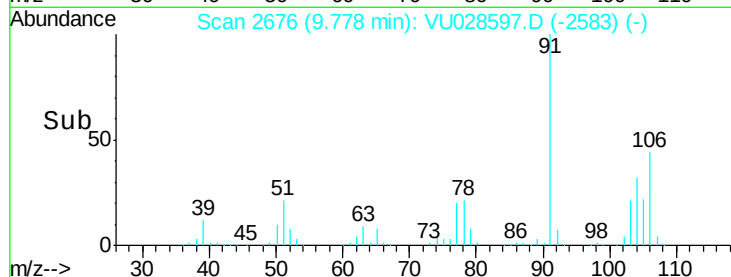
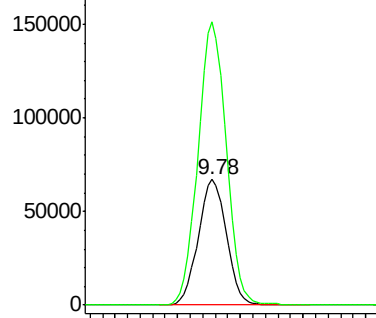
#69
o-Xylene
Concen: 50.115 ug/l
RT: 9.78 min Scan# 2676
Delta R.T. -0.00 min
Lab File: VU028597.D
Acq: 11 Dec 2018 10:30

Instrument :
MSVOA_U
ClientSampleId :
BPS1-TT-MW303I2-20181207MS

Tot Ion:106 Resp: 105071
Ion Ratio Lower Upper
106 100
91 225.2 111.3 334.0

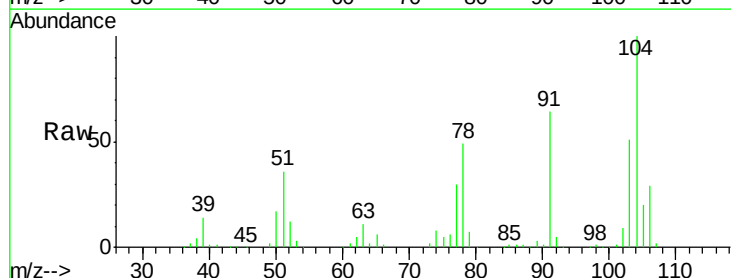


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0

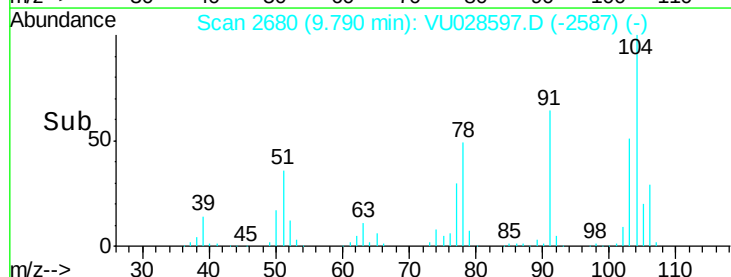
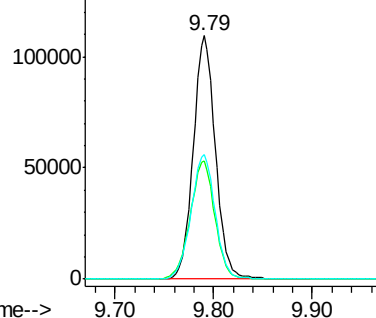


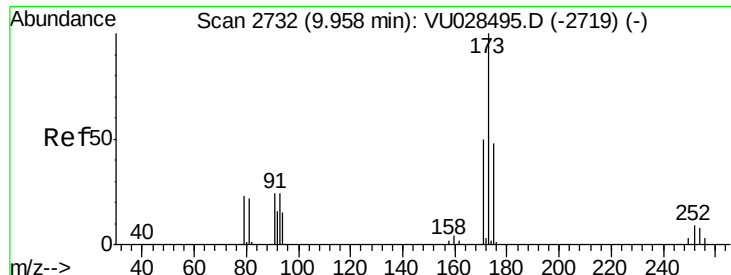
#70
Styrene
Concen: 49.965 ug/l
RT: 9.79 min Scan# 2680
Delta R.T. -0.00 min
Lab File: VU028597.D
Acq: 11 Dec 2018 10:30

Tgt Ion:104 Resp: 173365
Ion Ratio Lower Upper
104 100
78 53.8 43.0 64.6
103 55.9 44.2 66.4



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

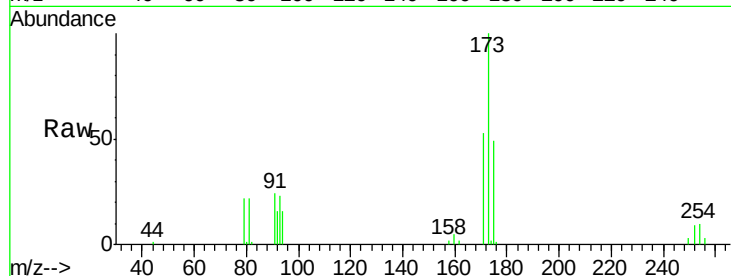




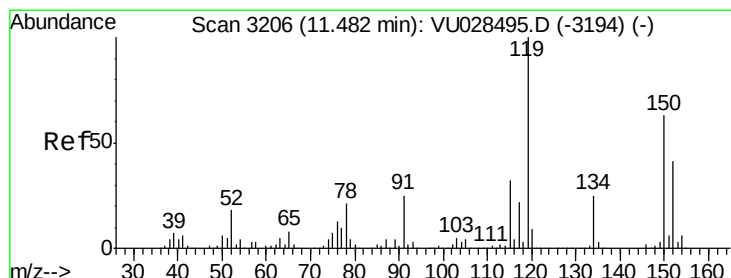
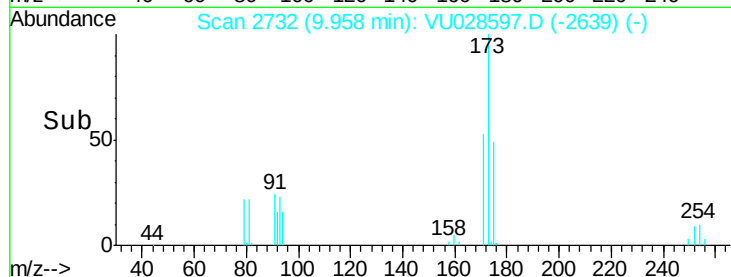
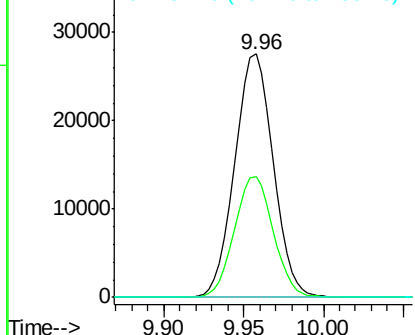
#71
Bromoform
Concen: 51.507 ug/l
RT: 9.96 min Scan# 2732
Delta R.T. -0.00 min
Lab File: VU028597.D
Acq: 11 Dec 2018 10:30

Instrument :
MSVOA_U
ClientSampleId :
BPS1-TT-MW303I2-20181207MS

Tot Ion:173 Resp: 45128
Ion Ratio Lower Upper
173 100
175 49.8 23.9 71.8
254 0.0 0.0 0.0

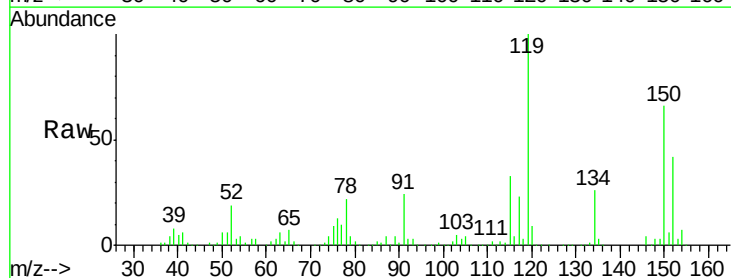


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

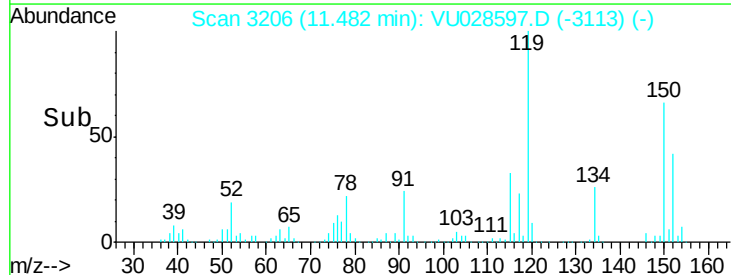
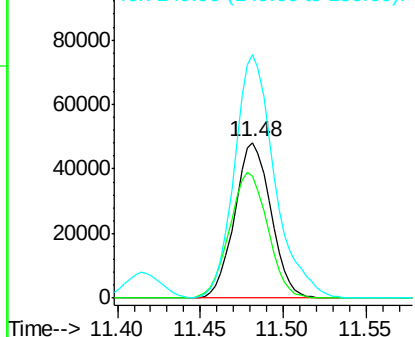


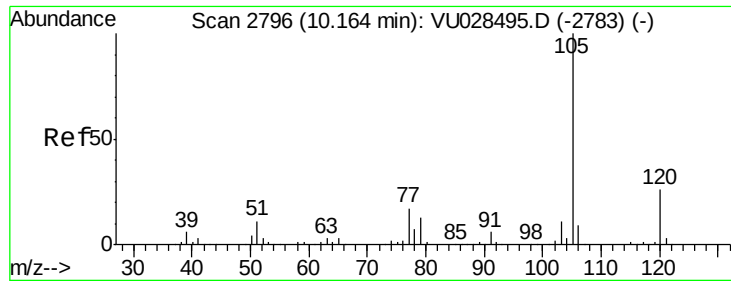
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.48 min Scan# 3206
Delta R.T. -0.00 min
Lab File: VU028597.D
Acq: 11 Dec 2018 10:30

Tgt Ion:152 Resp: 73625
Ion Ratio Lower Upper
152 100
115 84.8 42.7 128.1
150 172.7 0.0 346.0



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





#73

Isopropylbenzene

Concen: 49.448 ug/l

RT: 10.16 min Scan# 2796

Delta R.T. -0.00 min

Lab File: VU028597.D

Acq: 11 Dec 2018 10:30

Instrument :

MSVOA_U

ClientSampleId :

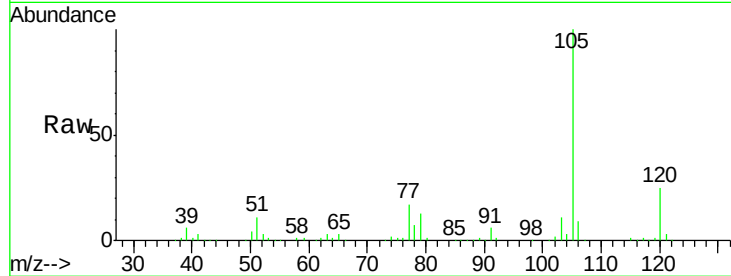
BPS1-TT-MW303I2-20181207MS

Tot Ion:105 Resp: 279358

Ion Ratio Lower Upper

105 100

120 25.4 12.9 38.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

10.16

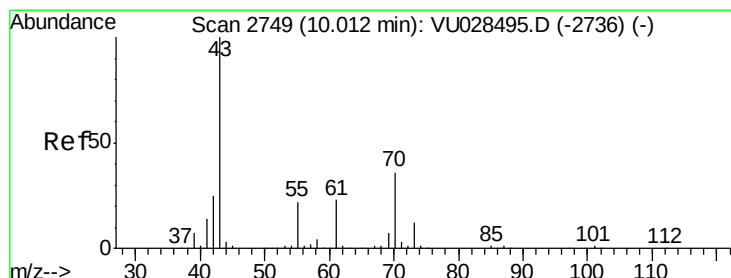
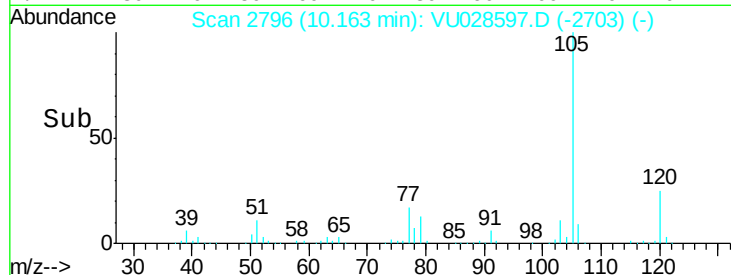
150000

100000

50000

0

Time-->



#74

N-ethyl acetate

Concen: 45.680 ug/l

RT: 10.01 min Scan# 2749

Delta R.T. -0.00 min

Lab File: VU028597.D

Acq: 11 Dec 2018 10:30

Tgt Ion: 43 Resp: 148862

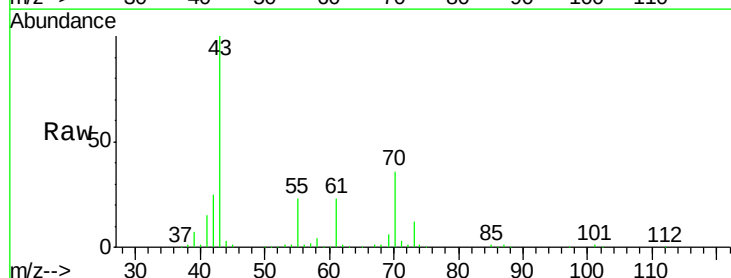
Ion Ratio Lower Upper

43 100

70 36.2 29.3 43.9

55 22.9 18.0 27.0

61 22.6 18.3 27.5



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 70.00 (69.70 to 70.70): VU0

Ion 55.00 (54.70 to 55.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

10.01

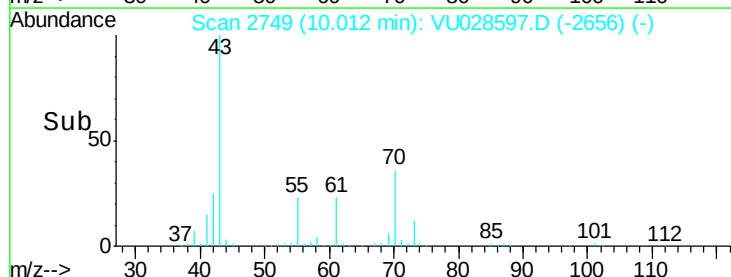
150000

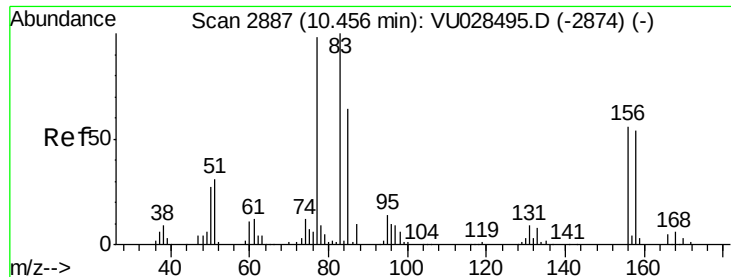
100000

50000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 53.429 ug/l

RT: 10.46 min Scan# 2887

Delta R.T. -0.00 min

Lab File: VU028597.D

Acq: 11 Dec 2018 10:30

Instrument :

MSVOA_U

ClientSampleId :

BPS1-TT-MW303I2-20181207MS

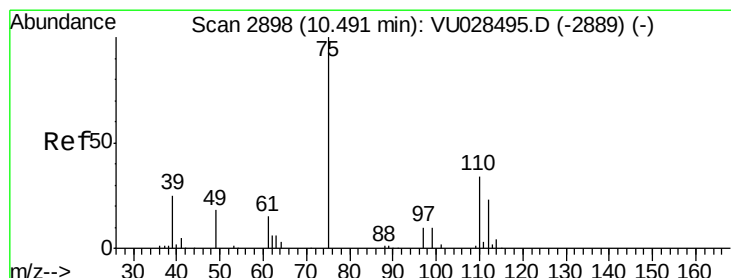
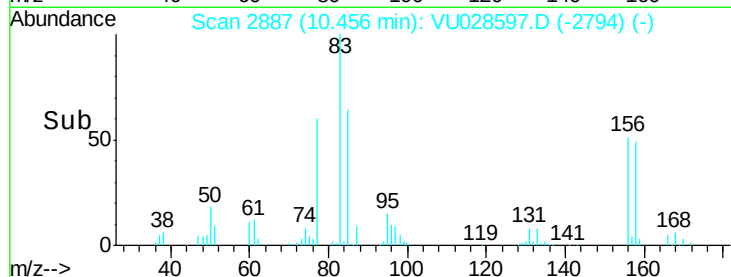
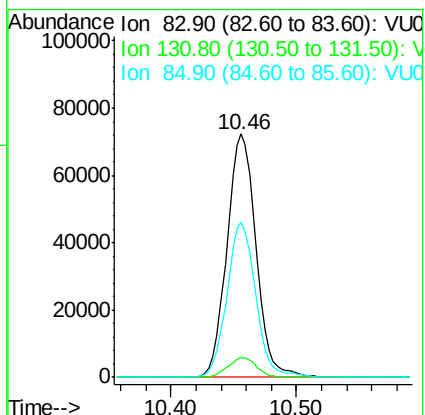
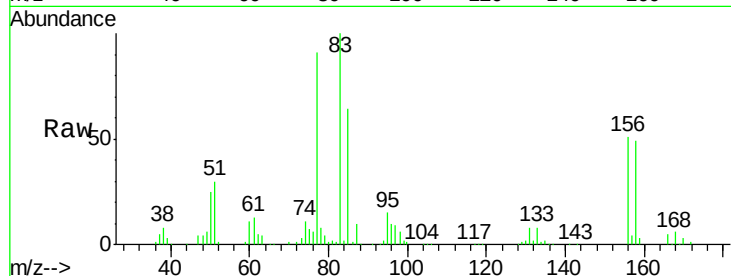
Tot Ion: 83 Resp: 115952

Ion Ratio Lower Upper

83 100

131 8.0 4.2 12.4

85 63.3 31.8 95.4



#76

1,2,3-Trichloropropane

Concen: 70.347 ug/l

RT: 10.49 min Scan# 2898

Delta R.T. -0.00 min

Lab File: VU028597.D

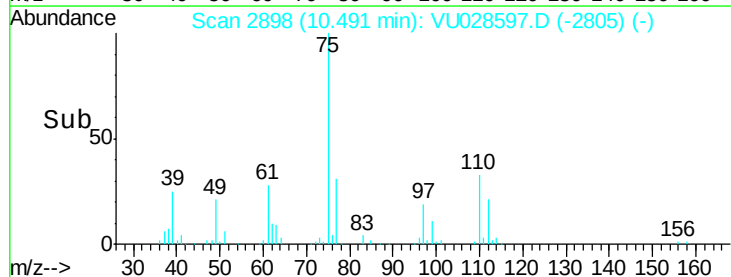
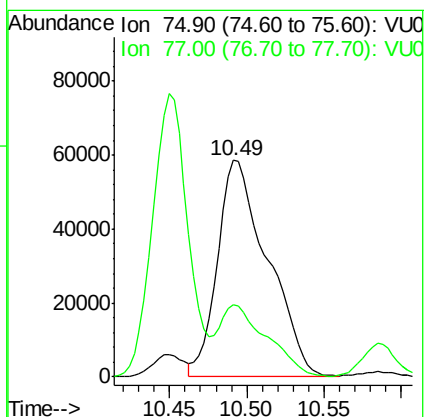
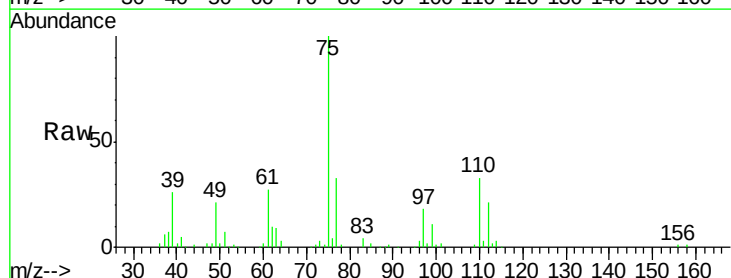
Acq: 11 Dec 2018 10:30

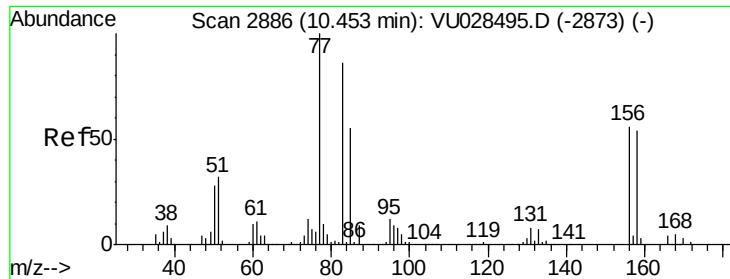
Tgt Ion: 75 Resp: 132255

Ion Ratio Lower Upper

75 100

77 30.5 20.8 62.4





#77

Bromobenzene

Concen: 49.907 ug/l

RT: 10.45 min Scan# 2885

Delta R.T. -0.00 min

Lab File: VU028597.D

Acq: 11 Dec 2018 10:30

Instrument :

MSVOA_U

ClientSampleId :

BPS1-TT-MW303I2-20181207MS

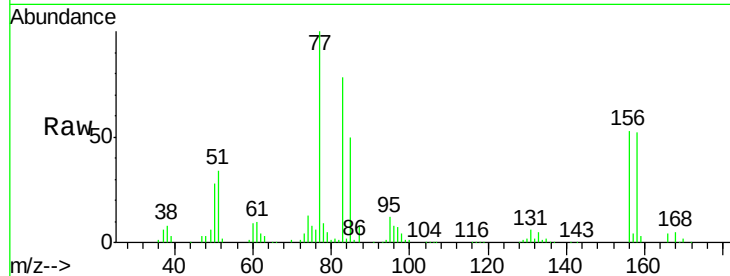
Tot Ion:156 Resp: 65941

Ion Ratio Lower Upper

156 100

77 184.7 92.4 277.2

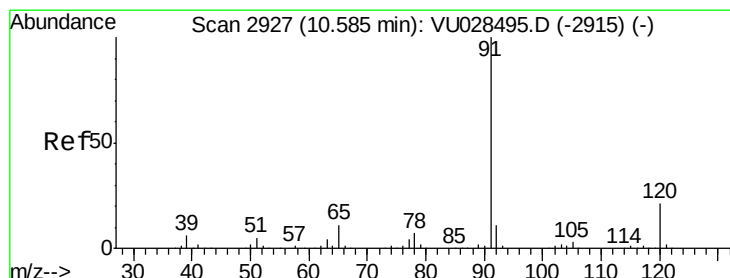
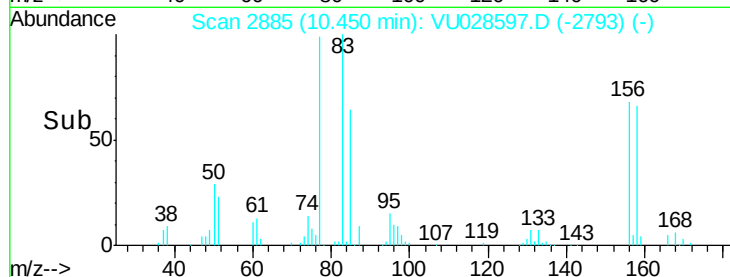
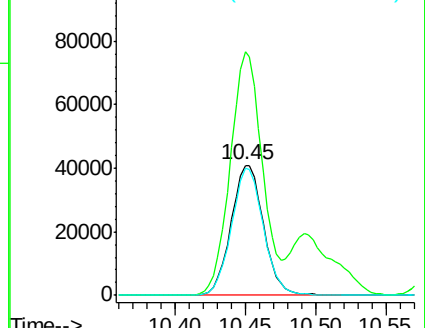
158 96.3 48.4 145.3



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: 48.487 ug/l

RT: 10.58 min Scan# 2927

Delta R.T. -0.00 min

Lab File: VU028597.D

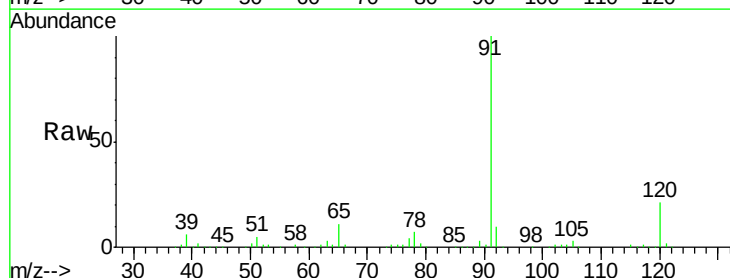
Acq: 11 Dec 2018 10:30

Tgt Ion: 91 Resp: 340378

Ion Ratio Lower Upper

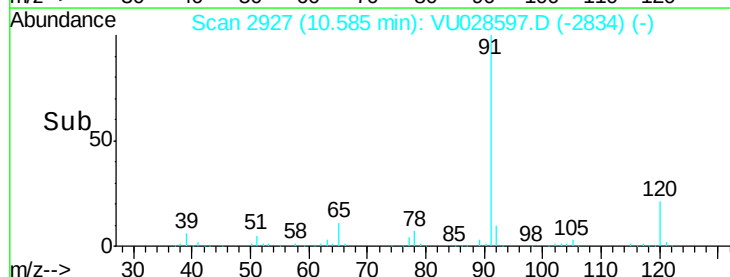
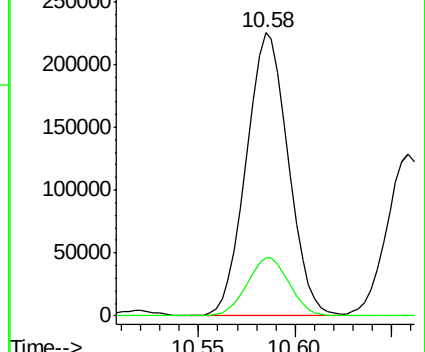
91 100

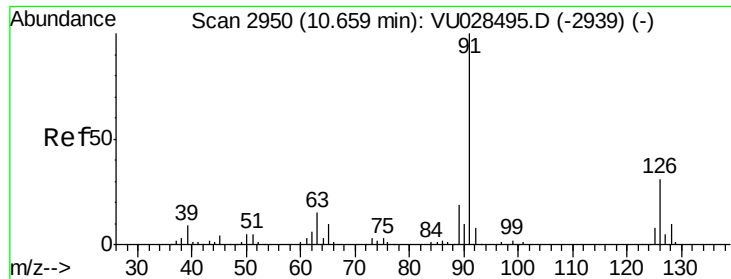
120 20.7 10.6 31.8



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 49.449 ug/l

RT: 10.66 min Scan# 2950

Delta R.T. -0.00 min

Lab File: VU028597.D

Acq: 11 Dec 2018 10:30

Instrument :

MSVOA_U

ClientSampleId :

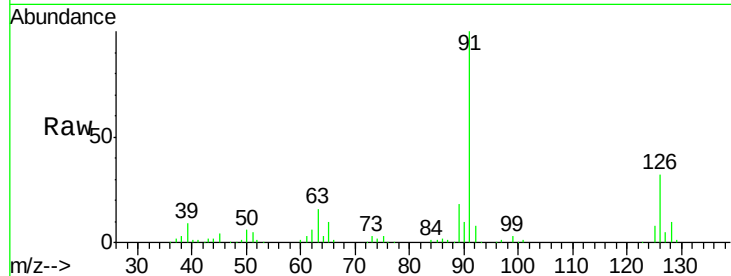
BPS1-TT-MW303I2-20181207MS

Tot Ion: 91 Resp: 199957

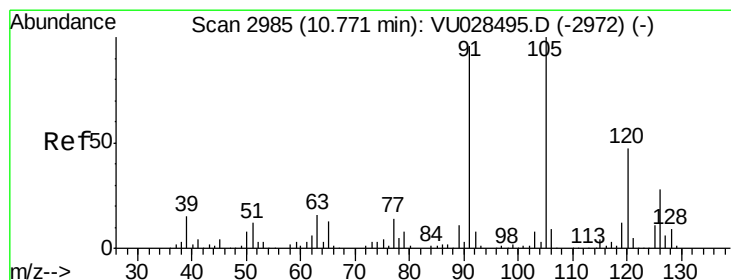
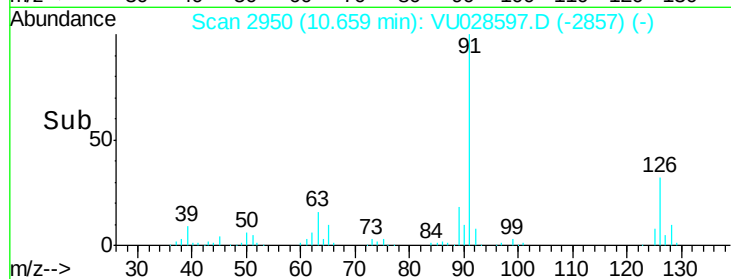
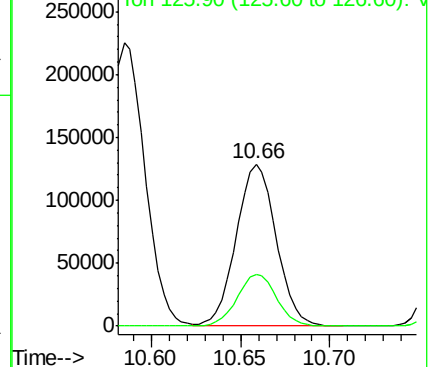
Ion Ratio Lower Upper

91 100

126 31.9 15.6 46.8



Abundance Ion 91.00 (90.70 to 91.70): VU028495.D (-2939) (-)



#80

1,3,5-Trimethylbenzene

Concen: 49.843 ug/l

RT: 10.77 min Scan# 2985

Delta R.T. -0.00 min

Lab File: VU028597.D

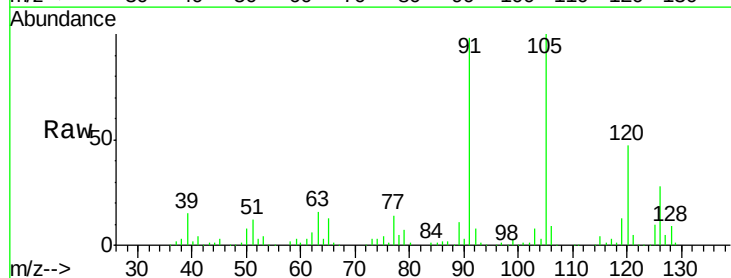
Acq: 11 Dec 2018 10:30

Tgt Ion: 105 Resp: 233090

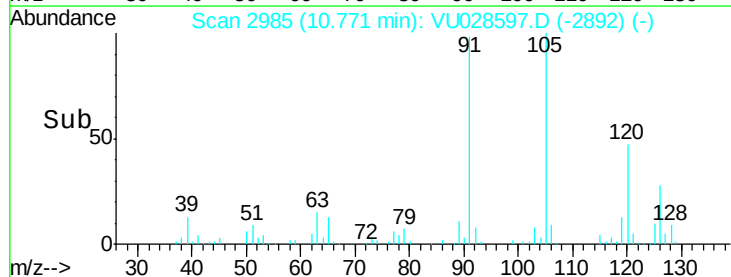
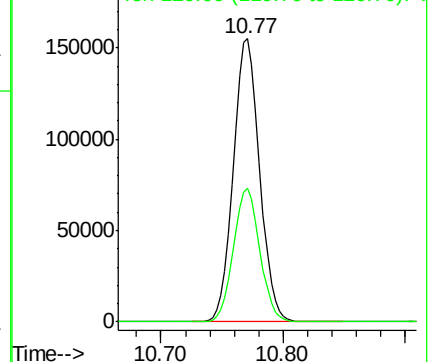
Ion Ratio Lower Upper

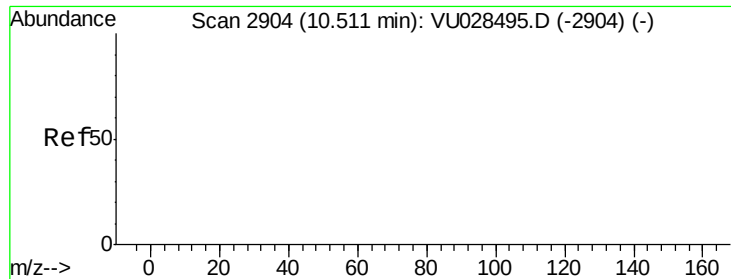
105 100

120 47.4 23.7 71.1



Abundance Ion 105.00 (104.70 to 105.70): VU028495.D (-2972) (-)

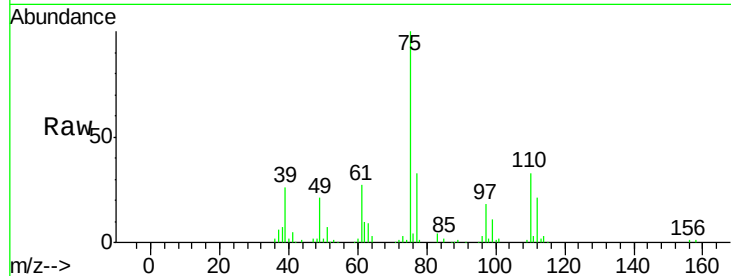




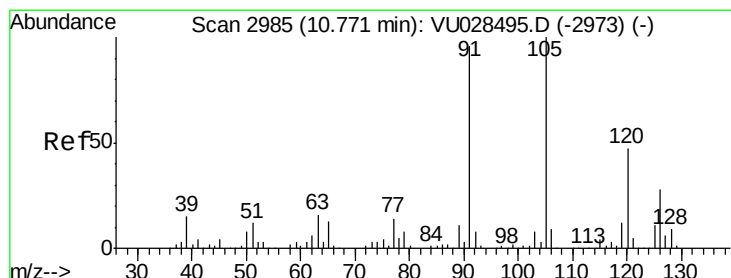
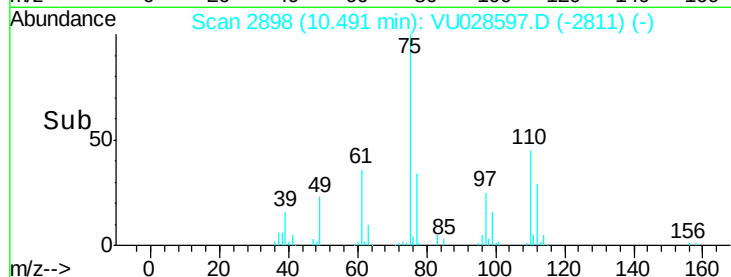
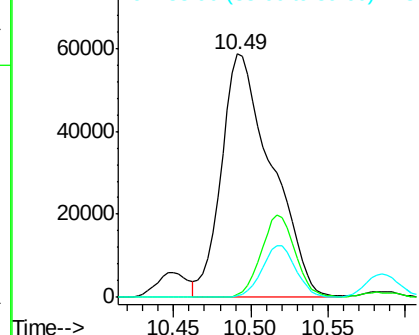
#81
trans-1,4-Dichloro-2-butene
Concen: 171.673 ug/l
RT: 10.49 min Scan# 2898
Delta R.T. -0.02 min
Lab File: VU028597.D
Acq: 11 Dec 2018 10:30

Instrument :
MSVOA_U
ClientSampleId :
BPS1-TT-MW303I2-20181207MS

Tot Ion: 75 Resp: 132255
Ion Ratio Lower Upper
75 100
53 0.0 0.0 0.0
89 0.0 0.0 0.0

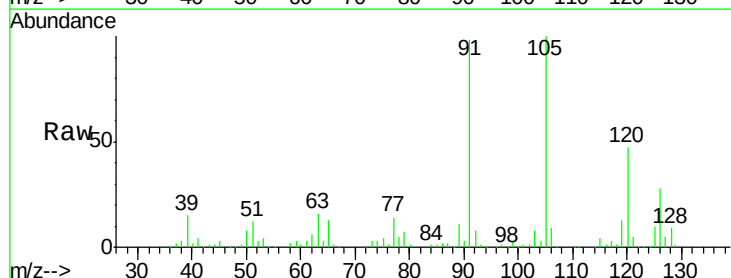


Abundance Ion 74.90 (74.60 to 75.60): VU0
Ion 53.00 (52.70 to 53.70): VU0
Ion 88.90 (88.60 to 89.60): VU0

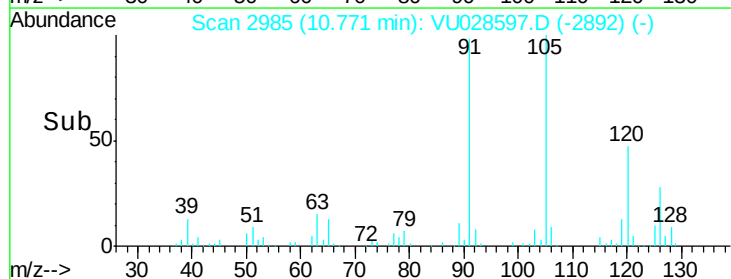
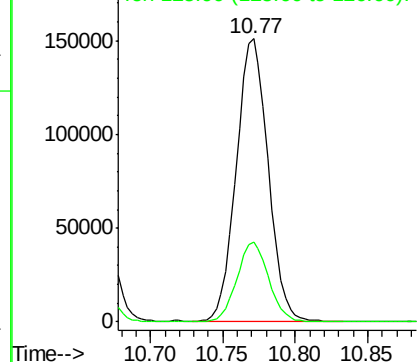


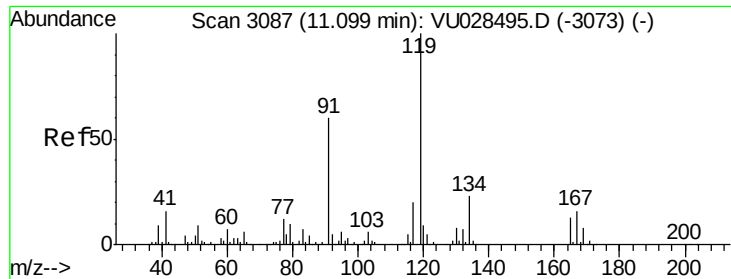
#82
4-Chlorotoluene
Concen: 47.945 ug/l
RT: 10.77 min Scan# 2985
Delta R.T. -0.00 min
Lab File: VU028597.D
Acq: 11 Dec 2018 10:30

Tgt Ion: 91 Resp: 229744
Ion Ratio Lower Upper
91 100
126 28.0 14.1 42.3



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

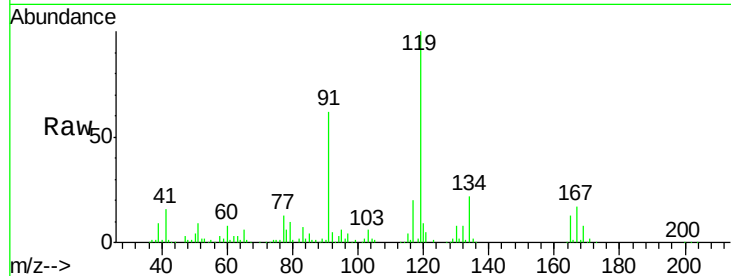




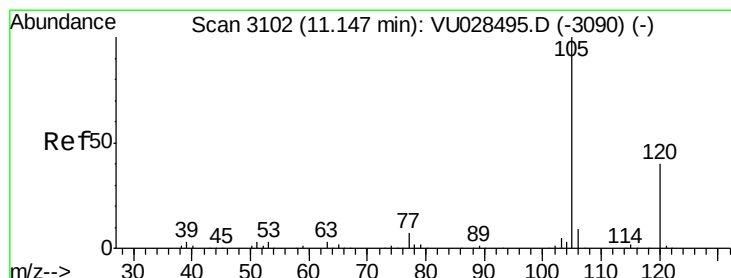
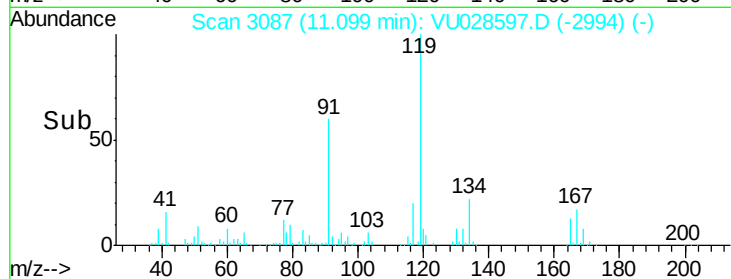
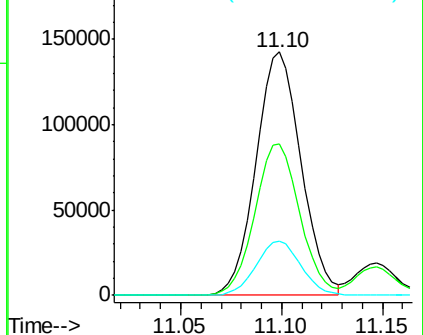
#83
 tert-Butylbenzene
 Concen: 49.385 ug/l
 RT: 11.10 min Scan# 3087
 Delta R.T. -0.00 min
 Lab File: VU028597.D
 Acq: 11 Dec 2018 10:30

Instrument :
 MSVOA_U
 ClientSampleId :
 BPS1-TT-MW303I2-20181207MS

Tot Ion:119 Resp: 222602
 Ion Ratio Lower Upper
 119 100
 91 62.2 30.3 91.0
 134 22.1 11.2 33.5

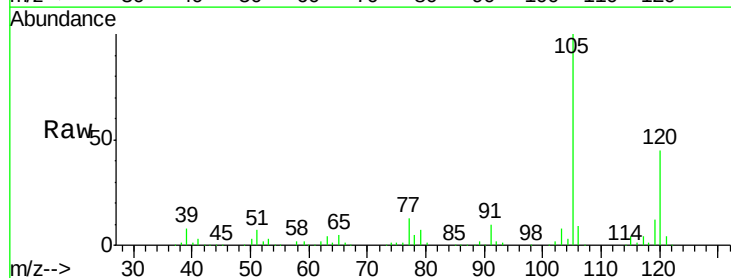


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): V
 Ion 134.00 (133.70 to 134.70): V

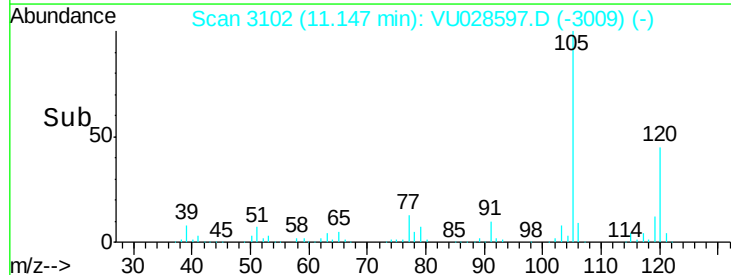
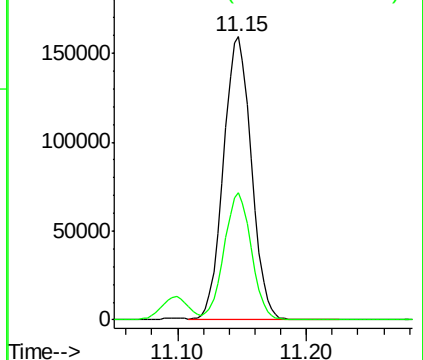


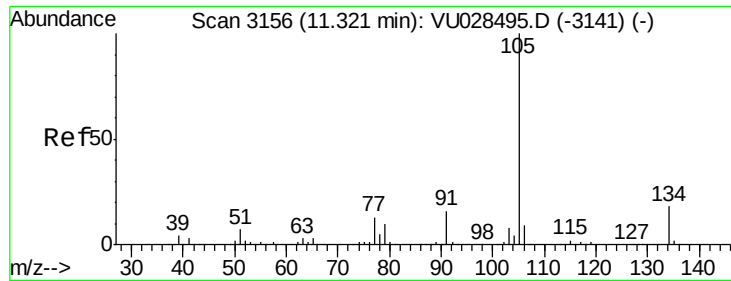
#84
 1,2,4-Trimethylbenzene
 Concen: 49.678 ug/l
 RT: 11.15 min Scan# 3102
 Delta R.T. -0.00 min
 Lab File: VU028597.D
 Acq: 11 Dec 2018 10:30

Tgt Ion:105 Resp: 239422
 Ion Ratio Lower Upper
 105 100
 120 43.8 21.8 65.4



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

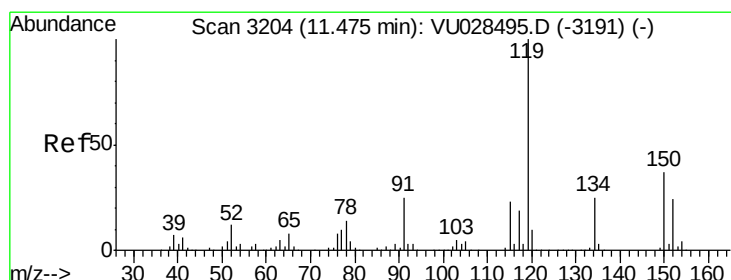
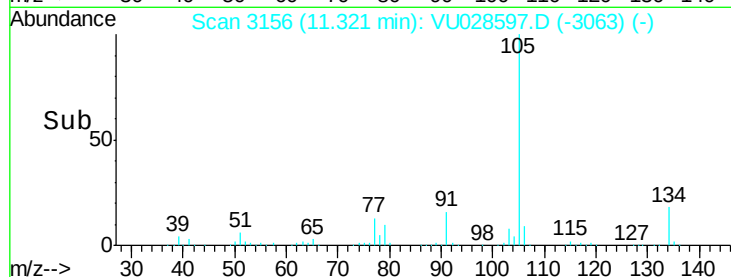
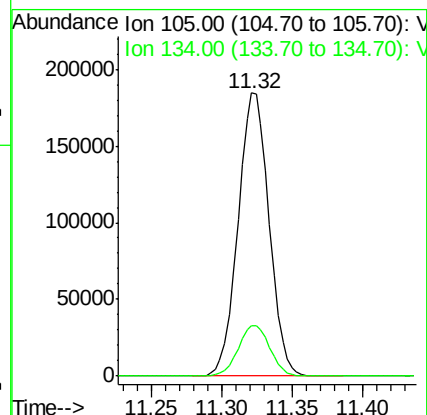
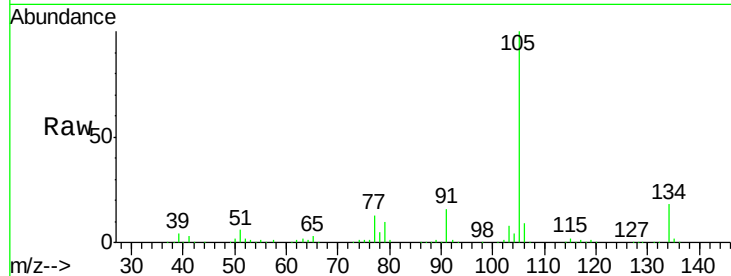




#85
 sec-Butylbenzene
 Concen: 48.983 ug/l
 RT: 11.32 min Scan# 3156
 Delta R.T. -0.00 min
 Lab File: VU028597.D
 Acq: 11 Dec 2018 10:30

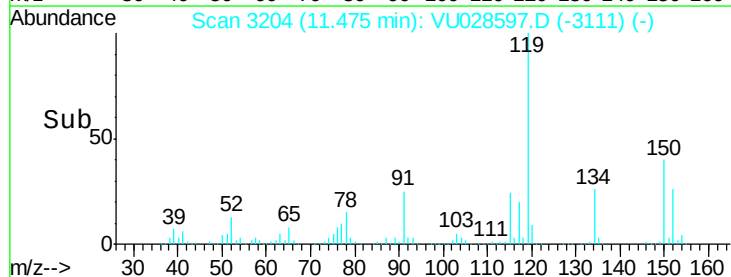
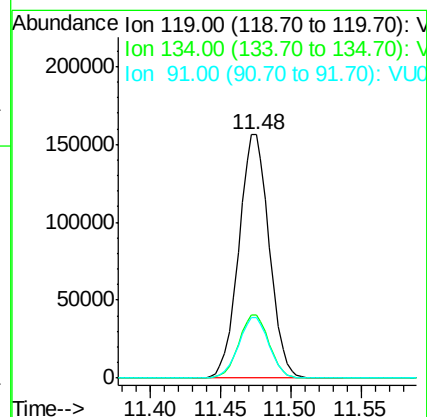
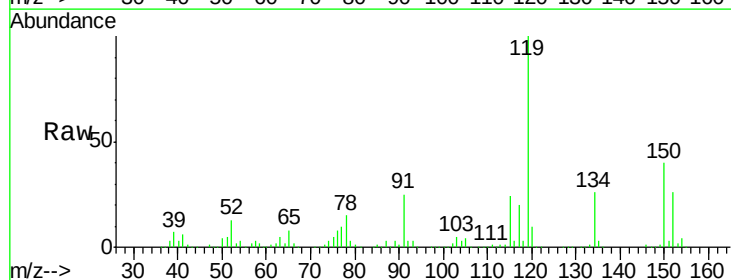
Instrument :
 MSVOA_U
 ClientSampleId :
 BPS1-TT-MW303I2-20181207MS

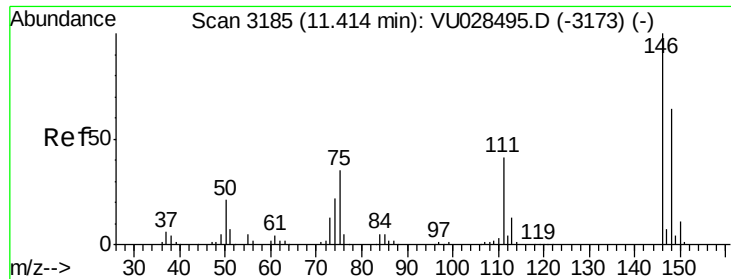
Tot Ion:105 Resp: 283647
 Ion Ratio Lower Upper
 105 100
 134 18.3 9.2 27.6



#86
 p-Isopropyltoluene
 Concen: 47.869 ug/l
 RT: 11.48 min Scan# 3204
 Delta R.T. -0.00 min
 Lab File: VU028597.D
 Acq: 11 Dec 2018 10:30

Tgt Ion:119 Resp: 235465
 Ion Ratio Lower Upper
 119 100
 134 26.0 12.7 38.1
 91 25.1 12.6 37.6

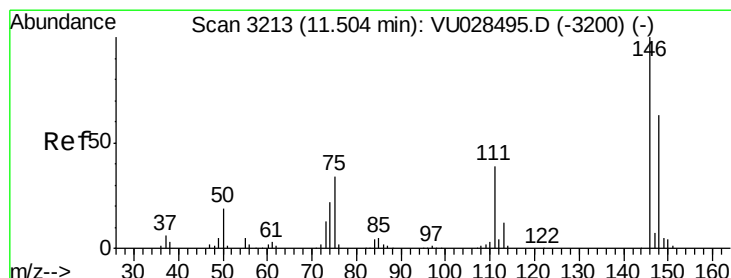
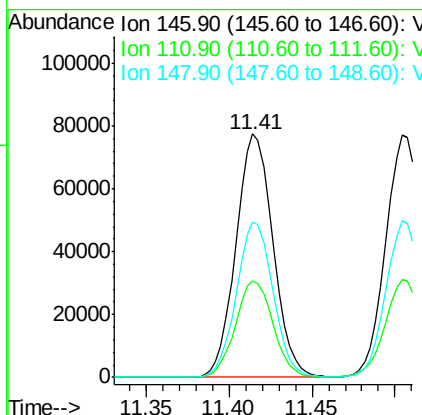
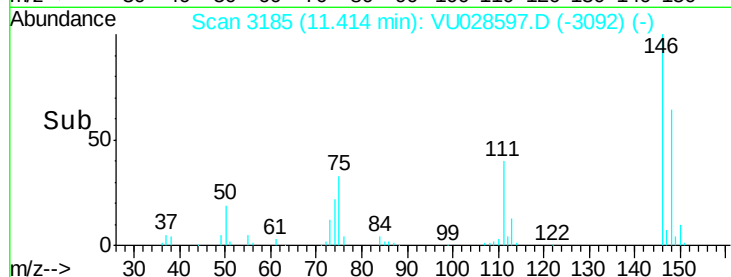
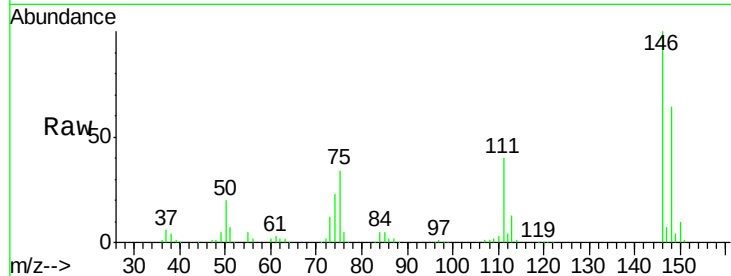




#87
 1,3-Dichlorobenzene
 Concen: 48.249 ug/l
 RT: 11.41 min Scan# 3185
 Delta R.T. -0.00 min
 Lab File: VU028597.D
 Acq: 11 Dec 2018 10:30

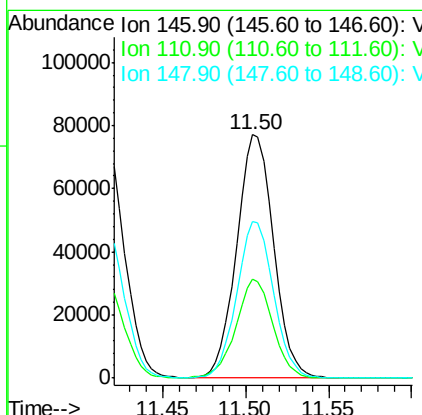
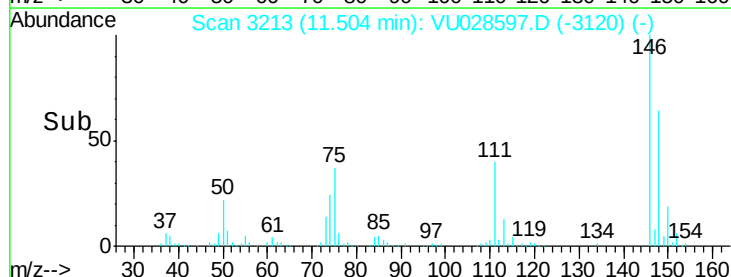
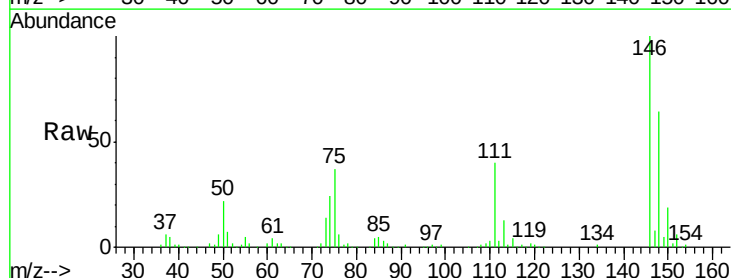
Instrument :
 MSVOA_U
 ClientSampleId :
 BPS1-TT-MW303I2-20181207MS

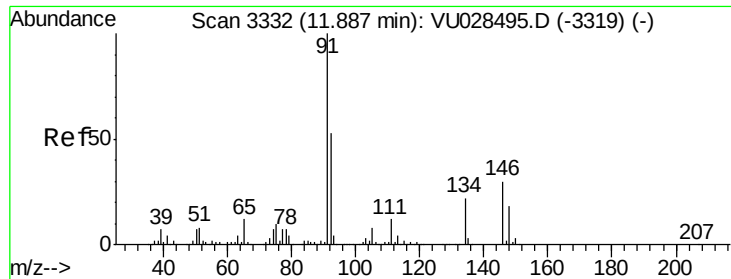
Tot Ion:146 Resp: 120377
 Ion Ratio Lower Upper
 146 100
 111 40.3 20.7 62.1
 148 63.0 31.9 95.7



#88
 1,4-Dichlorobenzene
 Concen: 46.238 ug/l
 RT: 11.50 min Scan# 3213
 Delta R.T. -0.00 min
 Lab File: VU028597.D
 Acq: 11 Dec 2018 10:30

Tgt Ion:146 Resp: 119354
 Ion Ratio Lower Upper
 146 100
 111 40.6 20.2 60.5
 148 64.1 31.6 95.0





#89

n-Butylbenzene

Concen: 45.597 ug/l

RT: 11.89 min Scan# 3332

Delta R.T. -0.00 min

Lab File: VU028597.D

Acq: 11 Dec 2018 10:30

Instrument :

MSVOA_U

ClientSampleId :

BPS1-TT-MW303I2-20181207MS

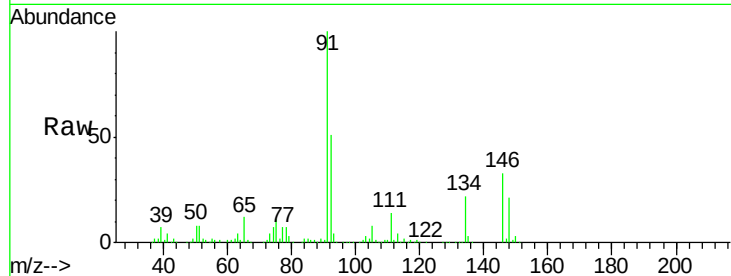
Tot Ion: 91 Resp: 226993

Ion Ratio Lower Upper

91 100

92 52.2 26.3 78.9

134 22.4 11.3 33.8

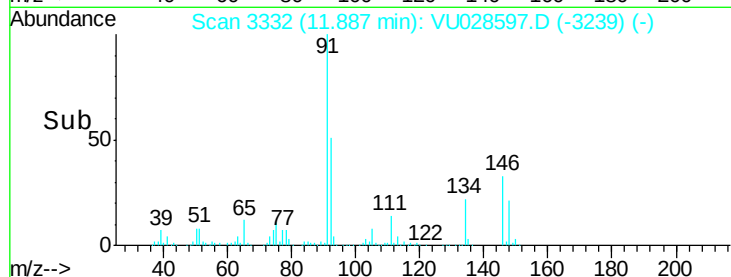


Abundance Ion 91.00 (90.70 to 91.70): VU028495.D (-3319) (-)

Ion 92.00 (91.70 to 92.70): VU028495.D (-3319) (-)

Ion 134.00 (133.70 to 134.70): VU028495.D (-3319) (-)

Time-->

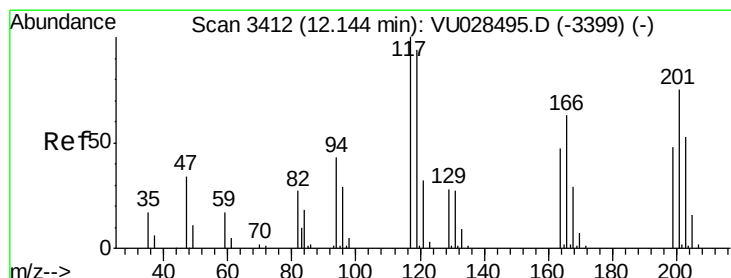


Abundance Ion 91.00 (90.70 to 91.70): VU028597.D (-3239) (-)

Ion 92.00 (91.70 to 92.70): VU028597.D (-3239) (-)

Ion 134.00 (133.70 to 134.70): VU028597.D (-3239) (-)

Time-->



#90

Hexachloroethane

Concen: 48.915 ug/l

RT: 12.14 min Scan# 3412

Delta R.T. -0.00 min

Lab File: VU028597.D

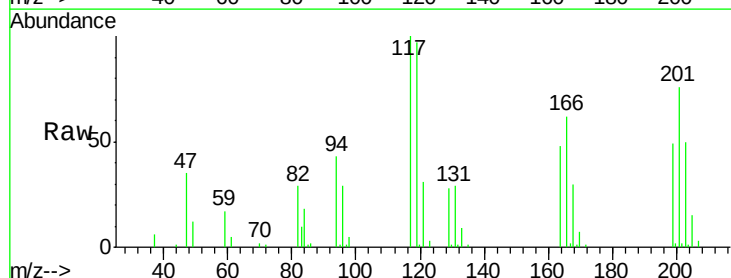
Acq: 11 Dec 2018 10:30

Tgt Ion: 117 Resp: 36368

Ion Ratio Lower Upper

117 100

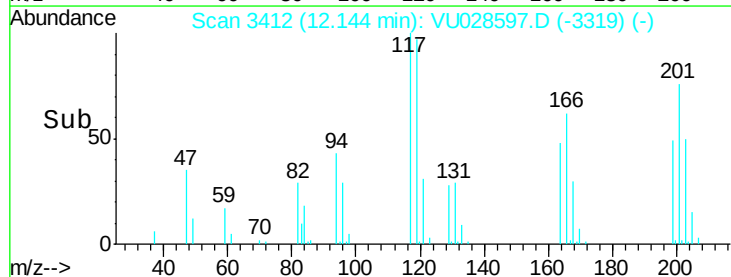
201 76.5 38.1 114.5



Abundance Ion 116.80 (116.50 to 117.50): VU028495.D (-3399) (-)

Ion 200.70 (200.40 to 201.40): VU028495.D (-3399) (-)

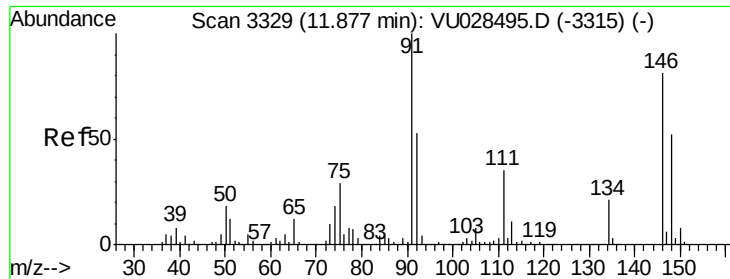
Time-->



Abundance Ion 116.80 (116.50 to 117.50): VU028597.D (-3319) (-)

Ion 200.70 (200.40 to 201.40): VU028597.D (-3319) (-)

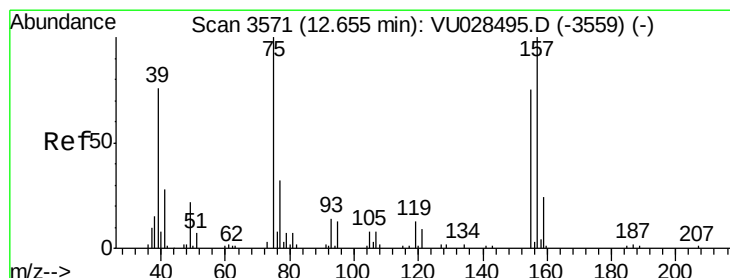
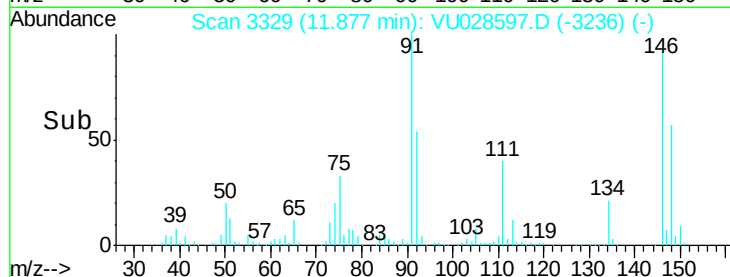
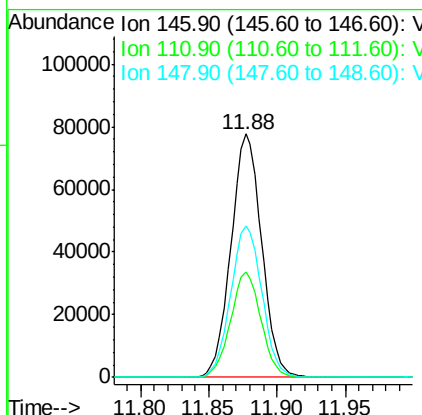
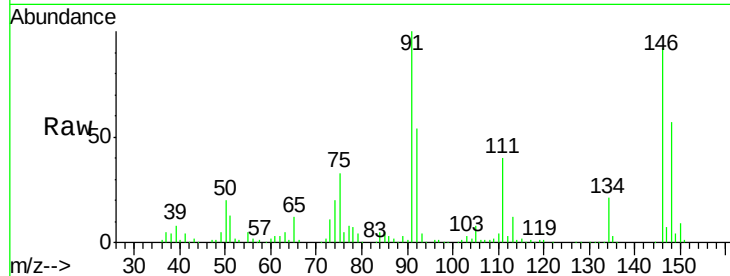
Time-->



#91
 1,2-Dichlorobenzene
 Concen: 48.618 ug/l
 RT: 11.88 min Scan# 3329
 Delta R.T. -0.00 min
 Lab File: VU028597.D
 Acq: 11 Dec 2018 10:30

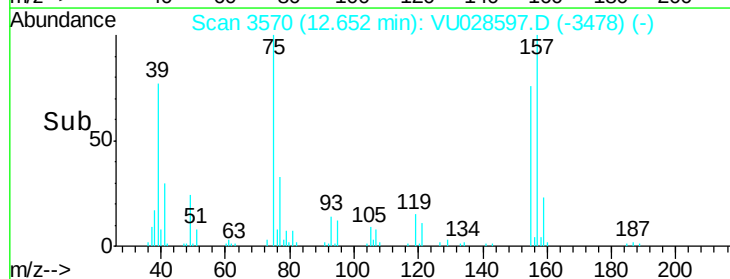
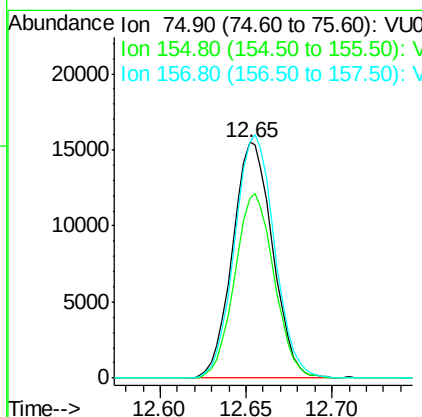
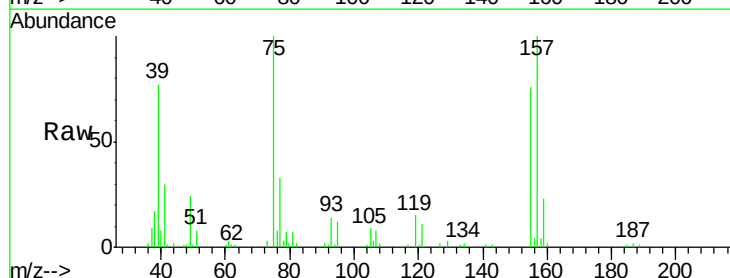
Instrument :
 MSVOA_U
 ClientSampleId :
 BPS1-TT-MW30312-20181207MS

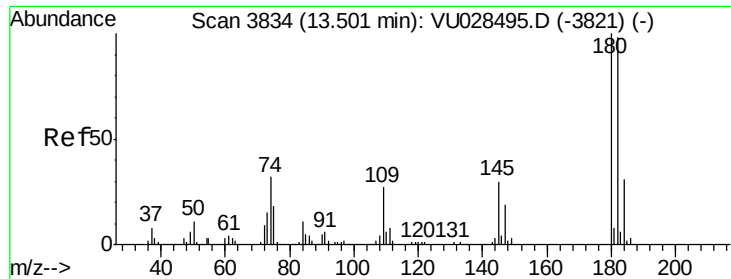
Tot Ion:146 Resp: 121331
 Ion Ratio Lower Upper
 146 100
 111 42.9 21.1 63.4
 148 63.1 31.4 94.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 53.628 ug/l
 RT: 12.65 min Scan# 3570
 Delta R.T. -0.00 min
 Lab File: VU028597.D
 Acq: 11 Dec 2018 10:30

Tgt Ion: 75 Resp: 25197
 Ion Ratio Lower Upper
 75 100
 155 76.9 38.1 114.5
 157 102.7 48.7 146.1

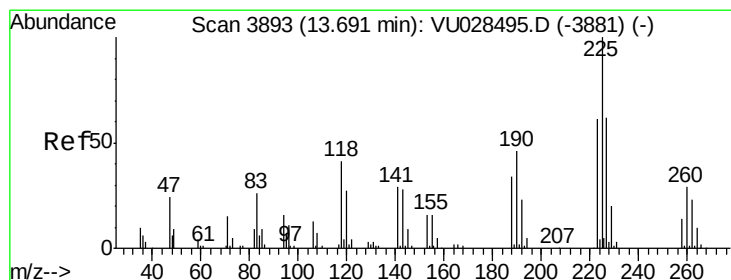
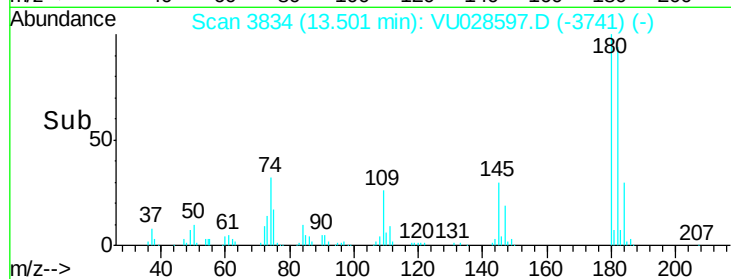
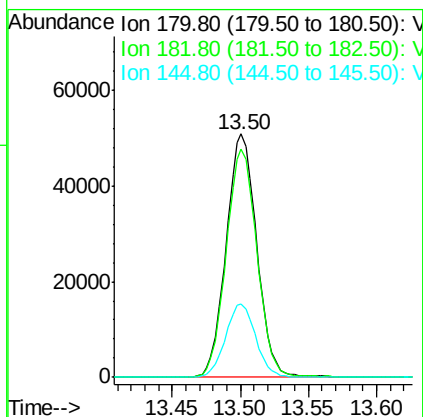
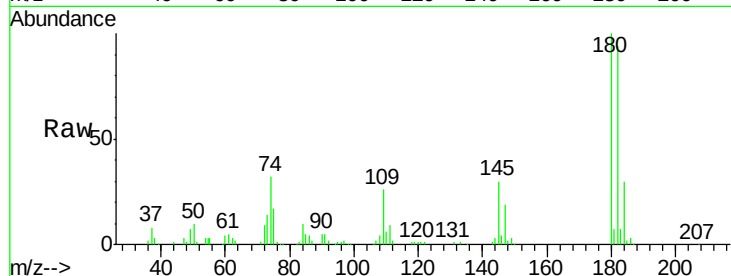




#93
 1,2,4-Trichlorobenzene
 Concen: 46.257 ug/l
 RT: 13.50 min Scan# 3834
 Delta R.T. -0.00 min
 Lab File: VU028597.D
 Acq: 11 Dec 2018 10:30

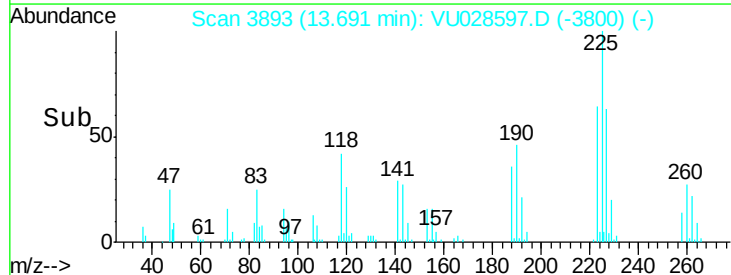
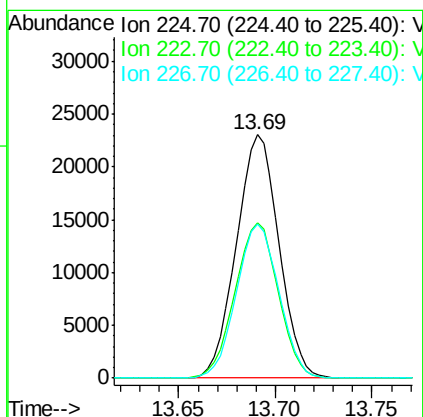
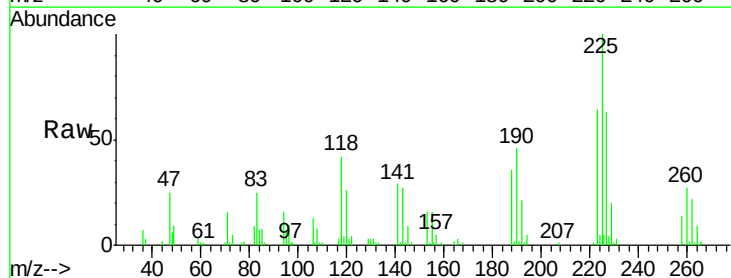
Instrument :
 MSVOA_U
 ClientSampleId :
 BPS1-TT-MW303I2-20181207MS

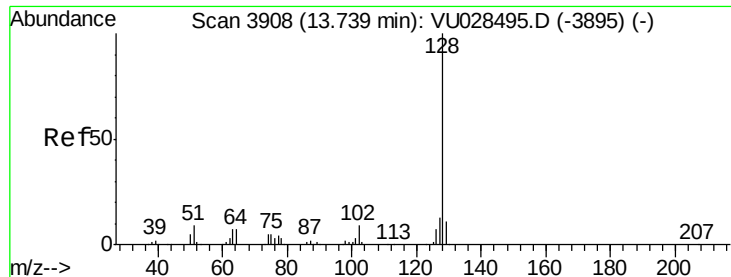
Tot Ion:180 Resp: 79216
 Ion Ratio Lower Upper
 180 100
 182 94.8 47.9 143.8
 145 29.8 15.0 45.1



#94
 Hexachlorobutadiene
 Concen: 43.175 ug/l
 RT: 13.69 min Scan# 3893
 Delta R.T. -0.00 min
 Lab File: VU028597.D
 Acq: 11 Dec 2018 10:30

Tgt Ion:225 Resp: 35295
 Ion Ratio Lower Upper
 225 100
 223 64.6 30.4 91.2
 227 63.1 30.7 92.1

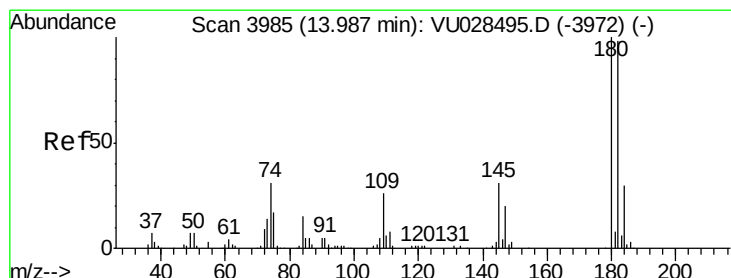
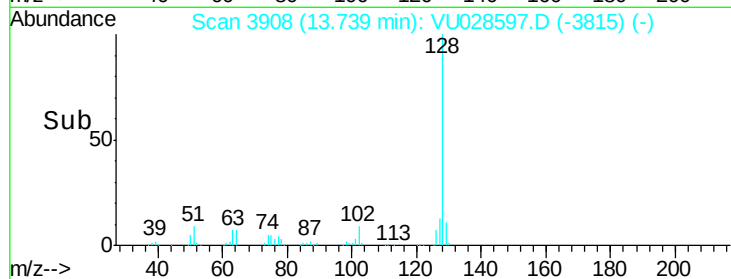
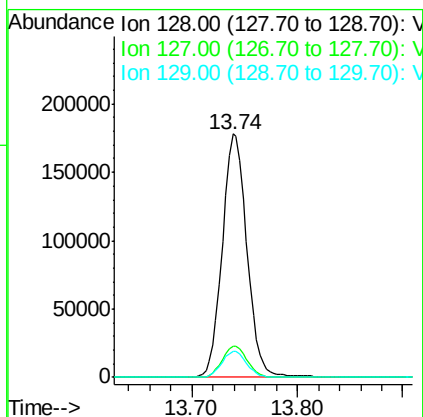
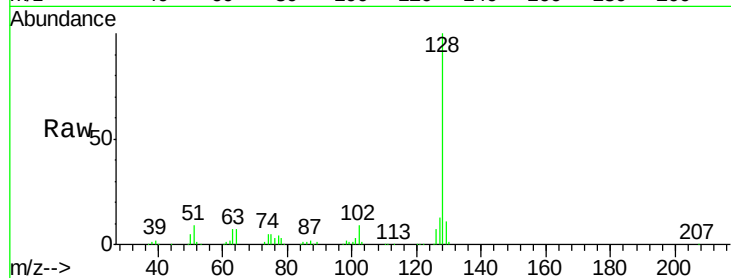




#95
Naphthalene
Concen: 48.070 ug/l
RT: 13.74 min Scan# 3908
Delta R.T. -0.00 min
Lab File: VU028597.D
Acq: 11 Dec 2018 10:30

Instrument :
MSVOA_U
ClientSampleId :
BPS1-TT-MW303I2-20181207MS

Tot Ion:128 Resp: 287867
Ion Ratio Lower Upper
128 100
127 13.1 10.4 15.6
129 10.8 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 47.754 ug/l
RT: 13.99 min Scan# 3985
Delta R.T. 0.00 min
Lab File: VU028597.D
Acq: 11 Dec 2018 10:30

Tgt Ion:180 Resp: 81493
Ion Ratio Lower Upper
180 100
182 95.8 48.2 144.6
145 30.9 15.8 47.3

