

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U070518\
 Data File : VU025204.D
 Acq On : 05 Jul 2018 10:08
 Operator : MD/SY
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jul 06 05:09:24 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U061318W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 13 13:55:26 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	170686	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	251445	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	236371	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	149368	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	129735	46.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.12%	
35) Dibromofluoromethane	4.89	113	107101	51.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.64%	
50) Toluene-d8	7.57	98	340552	44.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.48%	
62) 4-Bromofluorobenzene	10.31	95	151417	50.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.20%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	85945	40.23	ug/l	100
3) Chloromethane	1.33	50	88031	40.33	ug/l	98
4) Vinyl Chloride	1.40	62	98965	43.97	ug/l	99
5) Bromomethane	1.62	94	61331	56.36	ug/l	100
6) Chloroethane	1.69	64	64476	51.29	ug/l	99
7) Trichlorofluoromethane	1.88	101	167247	48.69	ug/l	99
8) Diethyl Ether	2.10	74	62555	53.65	ug/l	86
9) 1,1,2-Trichlorotrifluoroet	2.29	101	104196	48.89	ug/l	98
10) Methyl Iodide	2.41	142	102009	55.86	ug/l	98
11) Tert butyl alcohol	2.82	59	145537	214.75	ug/l	99
12) 1,1-Dichloroethene	2.28	96	92264	47.47	ug/l	95
13) Acrolein	2.19	56	43000	120.83	ug/l	98
14) Allyl chloride	2.59	41	161595	44.78	ug/l	99
15) Acrylonitrile	2.93	53	317772	241.00	ug/l	98
16) Acetone	2.32	43	385061	257.19	ug/l	97
17) Carbon Disulfide	2.48	76	256377	41.20	ug/l	99
18) Methyl Acetate	2.61	43	194841	60.70	ug/l	98
19) Methyl tert-butyl Ether	3.00	73	369804	50.62	ug/l	96
20) Methylene Chloride	2.70	84	110398	46.99	ug/l	99
21) trans-1,2-Dichloroethene	2.98	96	102178	47.73	ug/l	99
22) Diisopropyl ether	3.57	45	355892	49.75	ug/l	96
23) Vinyl Acetate	3.53	43	1491267	232.72	ug/l	99
24) 1,1-Dichloroethane	3.45	63	202226	49.14	ug/l	98
25) 2-Butanone	4.26	43	497160	247.21	ug/l	97
26) 2,2-Dichloropropane	4.23	77	193444	49.50	ug/l	99
27) cis-1,2-Dichloroethene	4.23	96	122795	49.90	ug/l	100
28) Bromochloromethane	4.55	49	79260	43.73	ug/l	87
29) Tetrahydrofuran	4.63	42	292438	234.82	ug/l	97
30) Chloroform	4.68	83	213160	51.18	ug/l	100
31) Cyclohexane	5.00	56	179338	49.04	ug/l	95
32) 1,1,1-Trichloroethane	4.92	97	194498	50.50	ug/l	97
36) 1,1-Dichloropropene	5.14	75	152053	51.46	ug/l	98
37) Ethyl Acetate	4.38	43	167702	52.08	ug/l	97
38) Carbon Tetrachloride	5.14	117	174692	53.77	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U070518\
 Data File : VU025204.D
 Acq On : 05 Jul 2018 10:08
 Operator : MD/SY
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jul 06 05:09:24 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U061318W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 13 13:55:26 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.42	83	194100	52.64	ug/l	95
40) Benzene	5.39	78	442550	52.56	ug/l	99
41) Methacrylonitrile	4.54	41	94899	54.66	ug/l	97
42) 1,2-Dichloroethane	5.41	62	178432	55.65	ug/l	100
43) Isopropyl Acetate	5.55	43	277058	49.77	ug/l	99
44) Trichloroethene	6.19	130	125481	52.37	ug/l	93
45) 1,2-Dichloropropane	6.44	63	118863	52.91	ug/l	99
46) Dibromomethane	6.56	93	86229	54.65	ug/l	96
47) Bromodichloromethane	6.76	83	165925	52.81	ug/l	99
48) Methyl methacrylate	6.62	41	146149	53.92	ug/l	97
49) 1,4-Dioxane	6.61	88	61097	1152.58	ug/l	97
51) 4-Methyl-2-Pentanone	7.46	43	892360	255.16	ug/l	98
52) Toluene	7.64	92	286258	52.85	ug/l	100
53) t-1,3-Dichloropropene	7.88	75	184899	52.40	ug/l	98
54) cis-1,3-Dichloropropene	7.27	75	193386	51.43	ug/l	97
55) 1,1,2-Trichloroethane	8.07	97	118417	53.78	ug/l	99
56) Ethyl methacrylate	8.02	69	186552	50.62	ug/l	99
57) 1,3-Dichloropropane	8.25	76	200743	54.05	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.13	63	330504	234.10	ug/l	96
59) 2-Hexanone	8.36	43	723547	253.42	ug/l	99
60) Dibromochloromethane	8.48	129	140470	51.16	ug/l	99
61) 1,2-Dibromoethane	8.59	107	129777	52.96	ug/l	98
64) Tetrachloroethene	8.23	164	116383	51.80	ug/l	98
65) Chlorobenzene	9.12	112	330453	54.73	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.21	131	127162	55.43	ug/l	98
67) Ethyl Benzene	9.25	91	573386	54.17	ug/l	96
68) m/p-Xylenes	9.38	106	450789	110.90	ug/l	97
69) o-Xylene	9.78	106	223790	55.63	ug/l	95
70) Styrene	9.80	104	356717	53.96	ug/l	99
71) Bromoform	9.96	173	112394	51.54	ug/l	# 99
73) Isopropylbenzene	10.17	105	601607	52.46	ug/l	99
74) N-amyl acetate	10.01	43	251426	46.09	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.46	83	195326	50.83	ug/l	99
76) 1,2,3-Trichloropropane	10.50	75	236832	72.02	ug/l	81
77) Bromobenzene	10.45	156	154705	53.29	ug/l	93
78) n-propylbenzene	10.59	91	696492	51.56	ug/l	97
79) 2-Chlorotoluene	10.66	91	409580	51.41	ug/l	98
80) 1,3,5-Trimethylbenzene	10.78	105	525188	52.84	ug/l	100
81) trans-1,4-Dichloro-2-buten	10.50	75	236838	166.68	ug/l	# 100
82) 4-Chlorotoluene	10.78	91	477441	51.49	ug/l	98
83) tert-Butylbenzene	11.10	119	519818	54.37	ug/l	99
84) 1,2,4-Trimethylbenzene	11.15	105	534970	52.81	ug/l	99
85) sec-Butylbenzene	11.33	105	631746	52.79	ug/l	98
86) p-Isopropyltoluene	11.48	119	564519	52.67	ug/l	99
87) 1,3-Dichlorobenzene	11.42	146	282832	52.73	ug/l	100
88) 1,4-Dichlorobenzene	11.51	146	286498	53.07	ug/l	99
89) n-Butylbenzene	11.89	91	475223	49.94	ug/l	97
90) Hexachloroethane	12.15	117	100468	48.05	ug/l	99
91) 1,2-Dichlorobenzene	11.88	146	291227	54.21	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.66	75	51155	48.24	ug/l	93

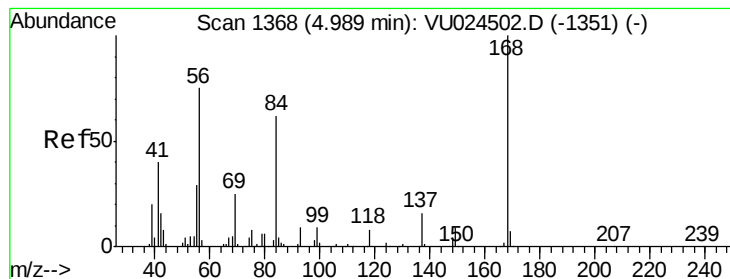
Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU070518\
Data File : VU025204.D
Acq On : 05 Jul 2018 10:08
Operator : MD/SY
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Jul 06 05:09:24 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U061318W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 13 13:55:26 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.51	180	191357	57.68	ug/l	99
94) Hexachlorobutadiene	13.70	225	106108	56.82	ug/l	99
95) Naphthalene	13.74	128	589022	53.58	ug/l	99
96) 1,2,3-Trichlorobenzene	13.99	180	196608	59.47	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 4.99 min Scan# 1367

Delta R.T. -0.00 min

Lab File: VU025204.D

Acq: 05 Jul 2018 10:08

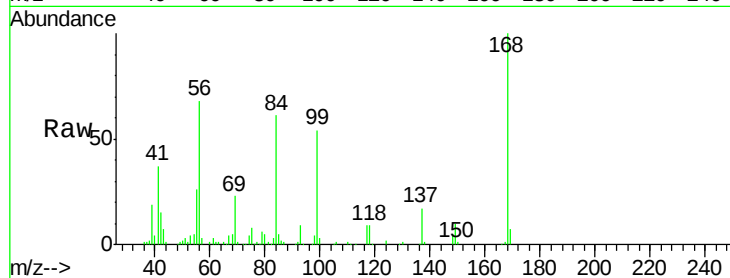
Instrument :
MSVOA_U
ClientSampled :

Tot Ion:168 Resp: 170686

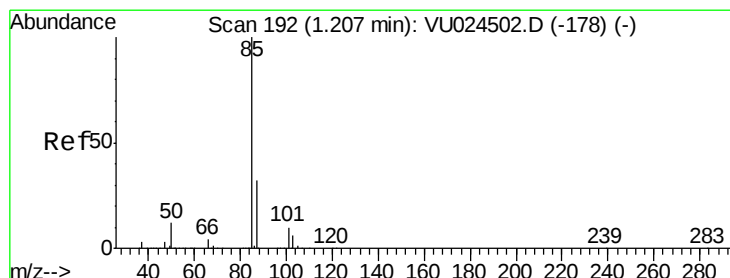
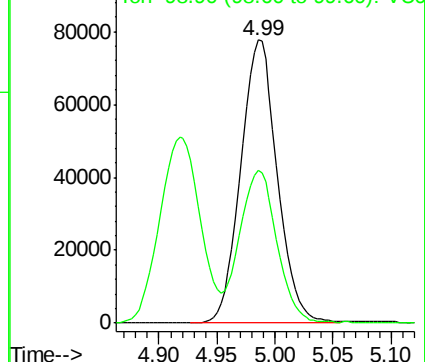
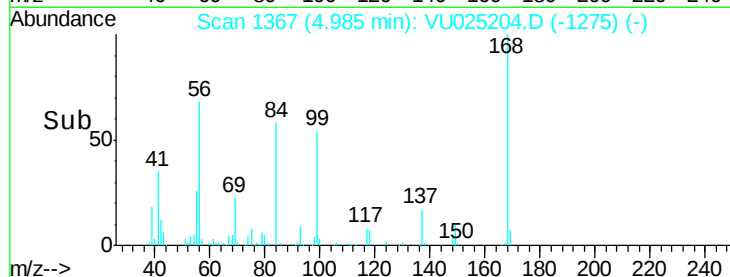
Ion Ratio Lower Upper

168 100

99 53.8 43.2 64.8



Abundance Ion 167.90 (167.60 to 168.60): VU025204.D (-1275) (-)



#2

Dichlorodifluoromethane

Concen: 40.23 ug/l

RT: 1.20 min Scan# 191

Delta R.T. -0.00 min

Lab File: VU025204.D

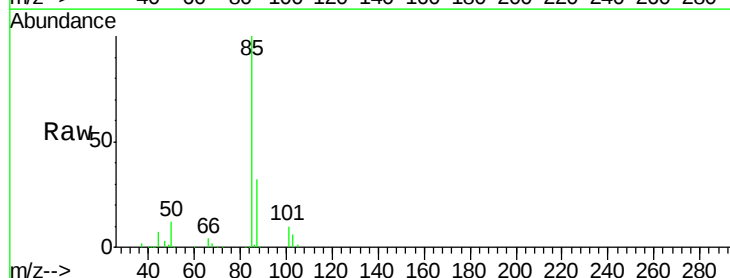
Acq: 05 Jul 2018 10:08

Tgt Ion: 85 Resp: 85945

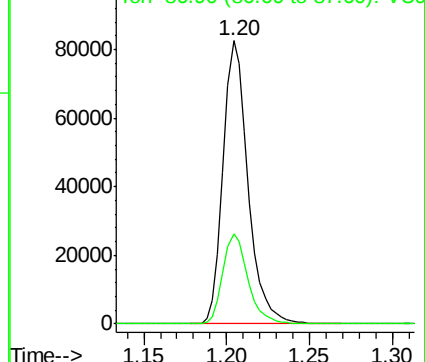
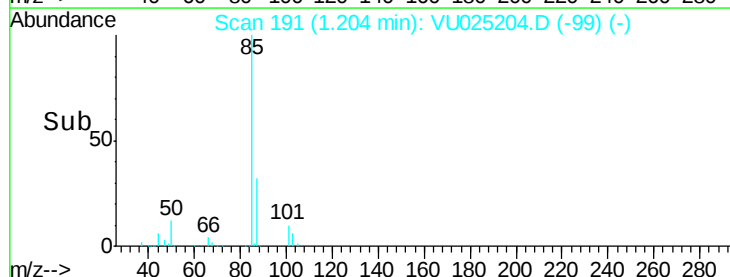
Ion Ratio Lower Upper

85 100

87 32.0 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VU025204.D (-99) (-)





#3

Chloromethane

Concen: 40.33 ug/l

RT: 1.33 min Scan# 229

Delta R.T. -0.00 min

Lab File: VU025204.D

Acq: 05 Jul 2018 10:08

Instrument :

MSVOA_U

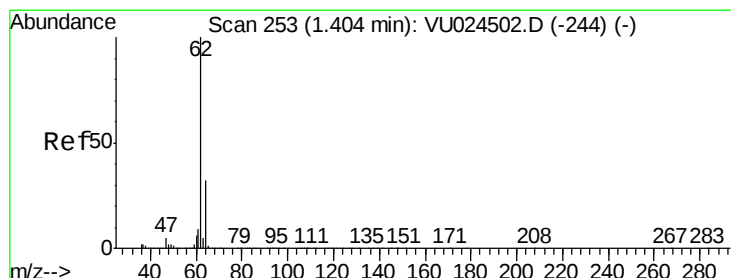
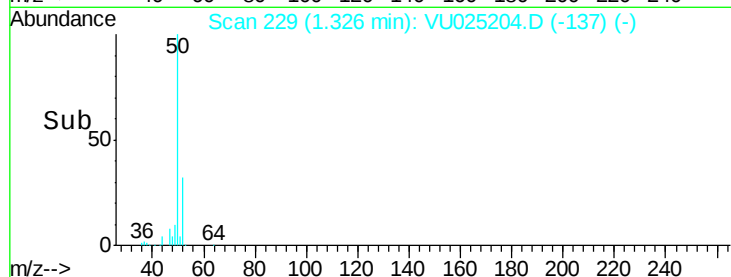
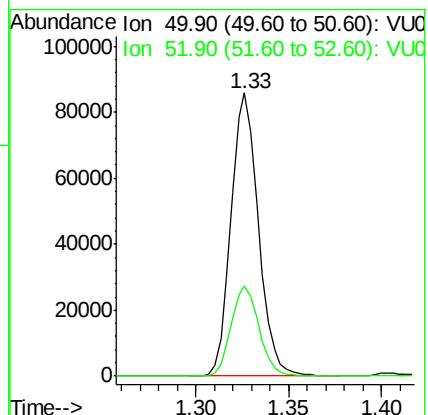
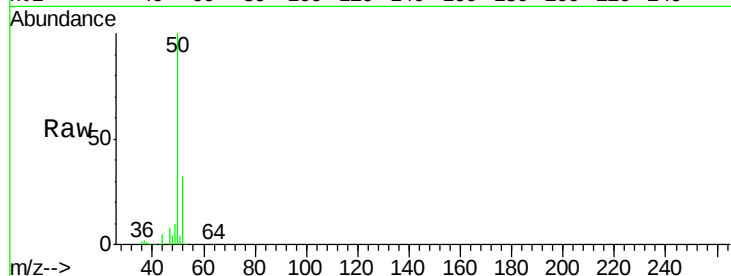
ClientSampleId :

Tot Ion: 50 Resp: 88031

Ion Ratio Lower Upper

50 100

52 31.7 26.4 39.6



#4

Vinyl Chloride

Concen: 43.97 ug/l

RT: 1.40 min Scan# 253

Delta R.T. -0.00 min

Lab File: VU025204.D

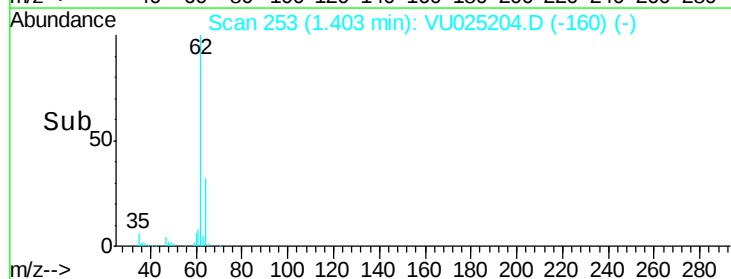
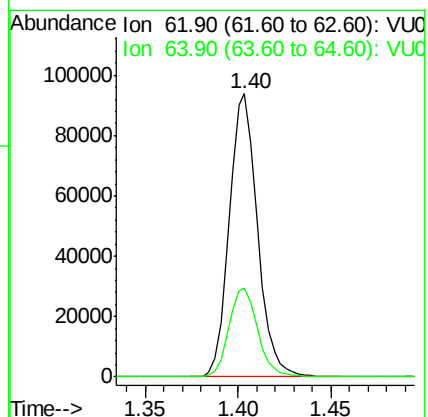
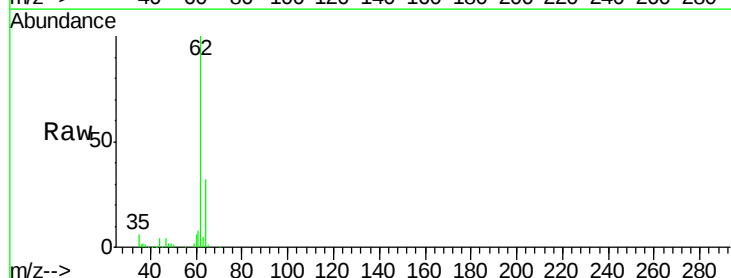
Acq: 05 Jul 2018 10:08

Tgt Ion: 62 Resp: 98965

Ion Ratio Lower Upper

62 100

64 31.3 24.8 37.2





#5

Bromomethane

Concen: 56.36 ug/l

RT: 1.62 min Scan# 319

Delta R.T. -0.01 min

Lab File: VU025204.D

Acq: 05 Jul 2018 10:08

Instrument :

MSVOA_U

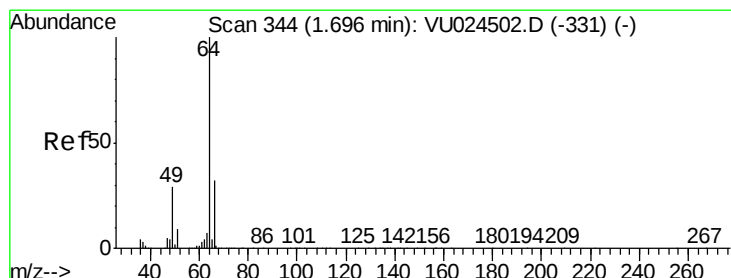
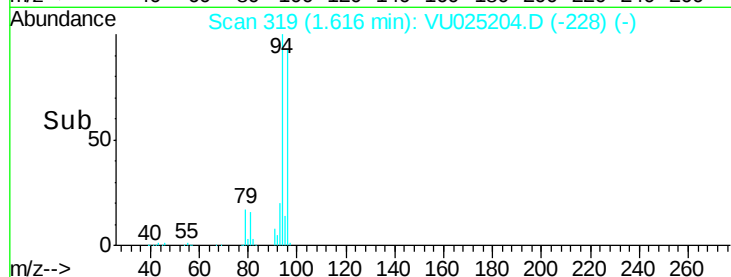
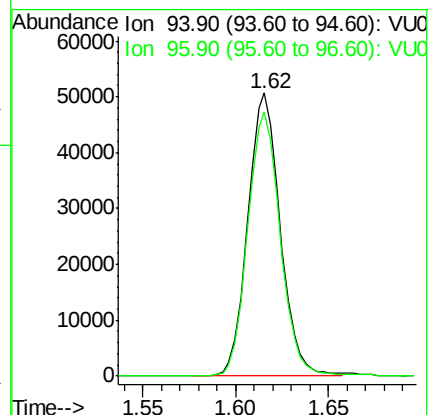
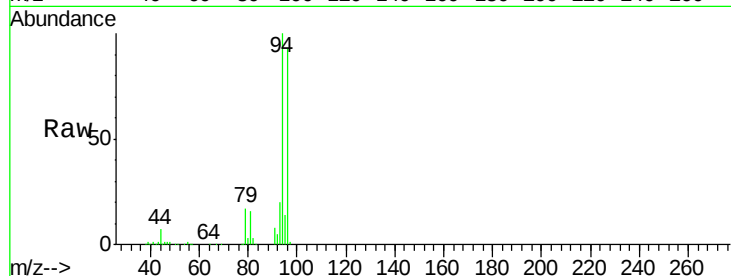
ClientSampleId :

Tot Ion: 94 Resp: 61331

Ion Ratio Lower Upper

94 100

96 93.3 74.5 111.7



#6

Chloroethane

Concen: 51.29 ug/l

RT: 1.69 min Scan# 343

Delta R.T. -0.00 min

Lab File: VU025204.D

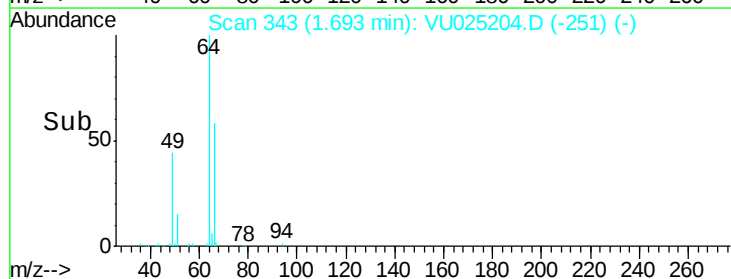
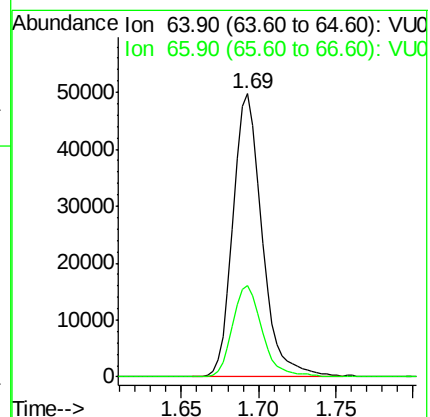
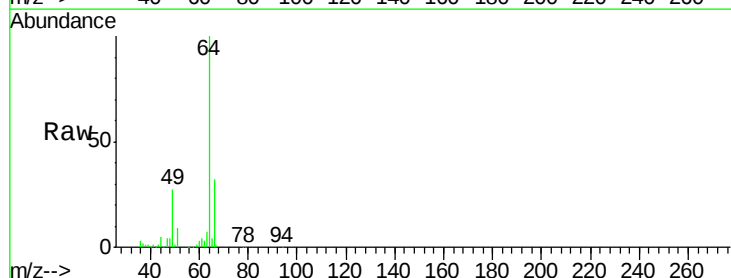
Acq: 05 Jul 2018 10:08

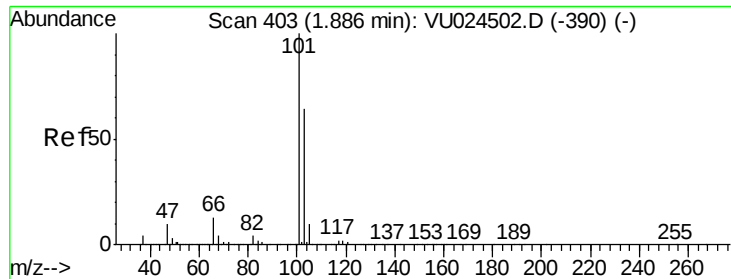
Tgt Ion: 64 Resp: 64476

Ion Ratio Lower Upper

64 100

66 32.3 25.5 38.3



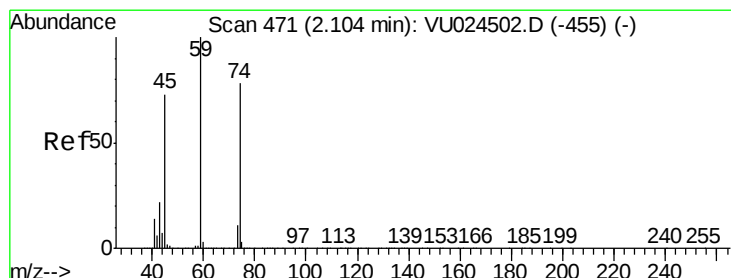
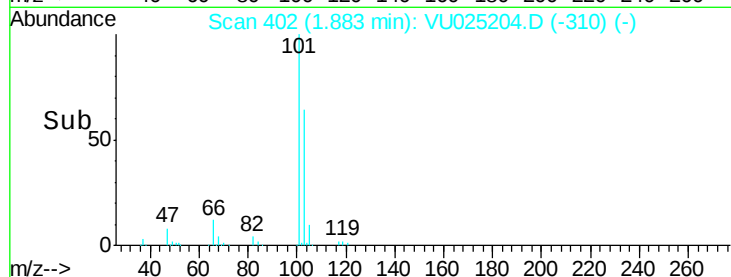
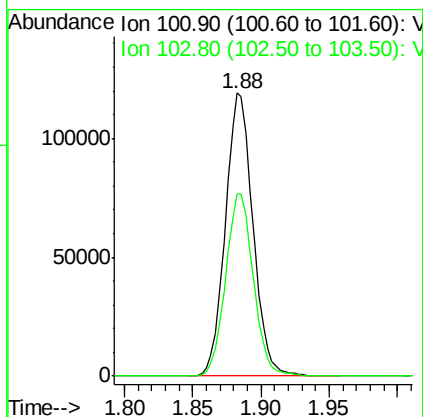
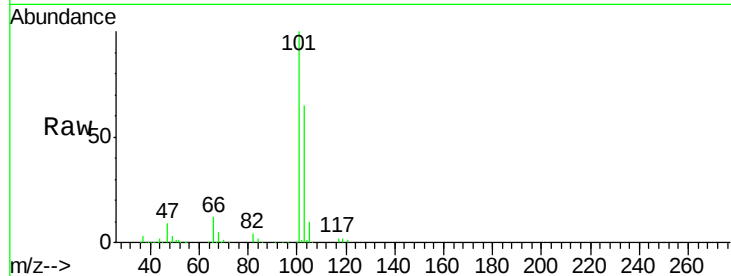


#7

Trichlorofluoromethane
Concen: 48.69 ug/l
RT: 1.88 min Scan# 402
Delta R.T. -0.00 min
Lab File: VU025204.D
Acq: 05 Jul 2018 10:08

Instrument :
MSVOA_U
ClientSampleId :

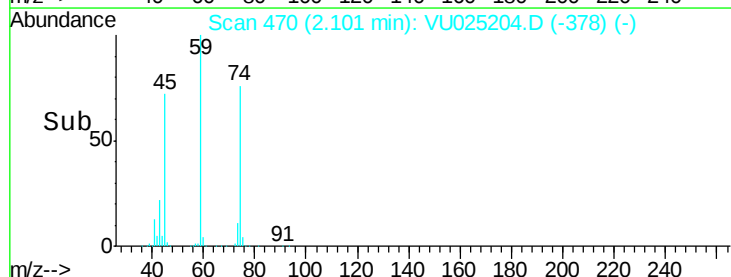
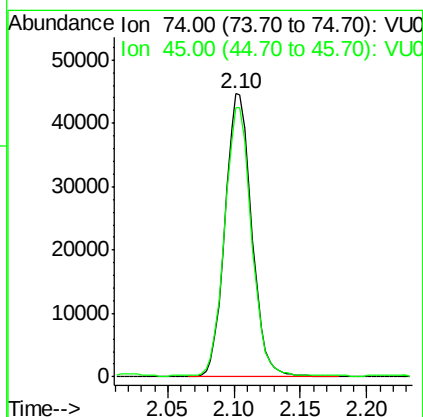
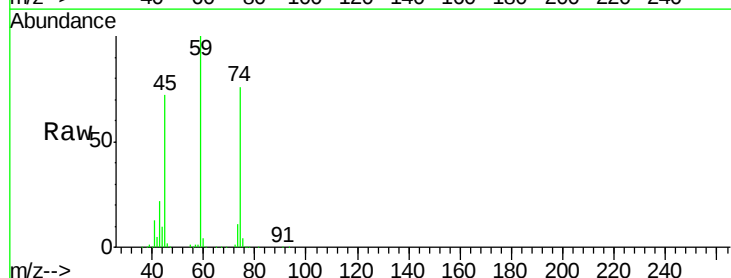
Tot Ion:101 Resp: 167247
Ion Ratio Lower Upper
101 100
103 64.5 52.3 78.5

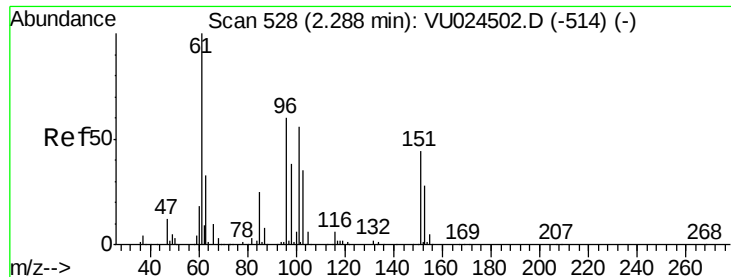


#8

Diethyl Ether
Concen: 53.65 ug/l
RT: 2.10 min Scan# 470
Delta R.T. -0.00 min
Lab File: VU025204.D
Acq: 05 Jul 2018 10:08

Tgt Ion: 74 Resp: 62555
Ion Ratio Lower Upper
74 100
45 94.9 55.0 165.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.89 ug/l

RT: 2.29 min Scan# 528

Delta R.T. -0.00 min

Lab File: VU025204.D

Acq: 05 Jul 2018 10:08

Instrument :

MSVOA_U

ClientSampleId :

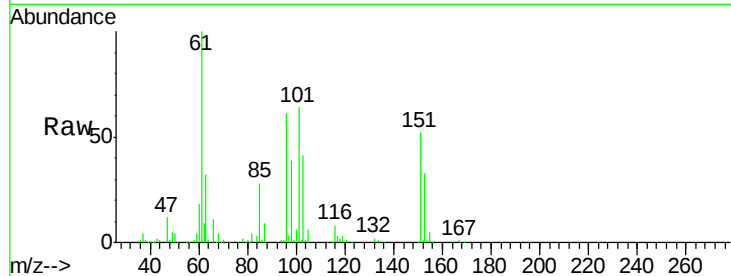
Tot Ion:101 Resp: 104196

Ion Ratio Lower Upper

101 100

85 44.3 36.0 54.0

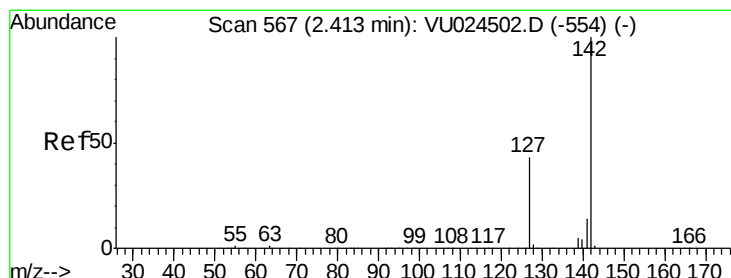
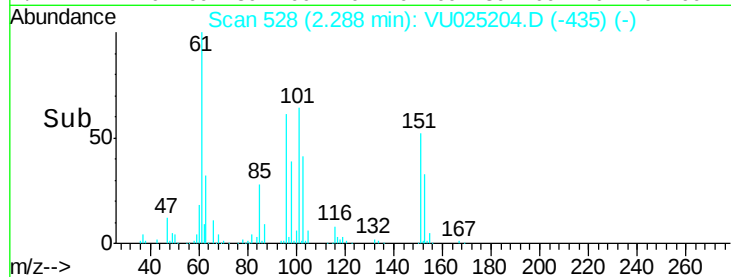
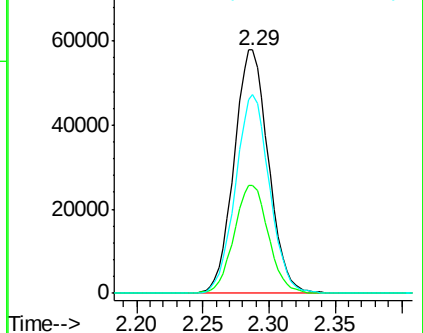
151 80.7 62.3 93.5



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VU0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 55.86 ug/l

RT: 2.41 min Scan# 566

Delta R.T. -0.00 min

Lab File: VU025204.D

Acq: 05 Jul 2018 10:08

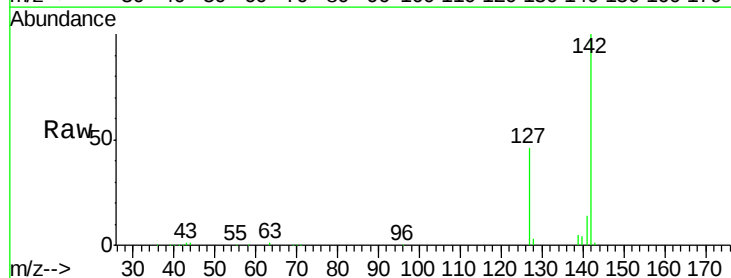
Tgt Ion:142 Resp: 102009

Ion Ratio Lower Upper

142 100

127 46.2 35.6 53.4

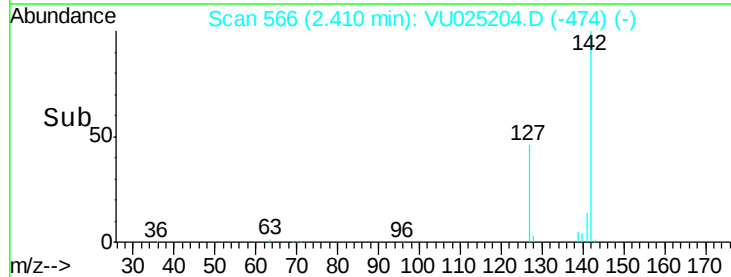
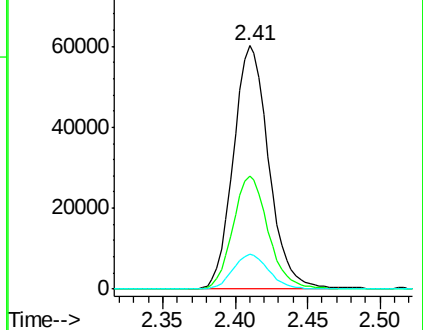
141 14.4 11.7 17.5

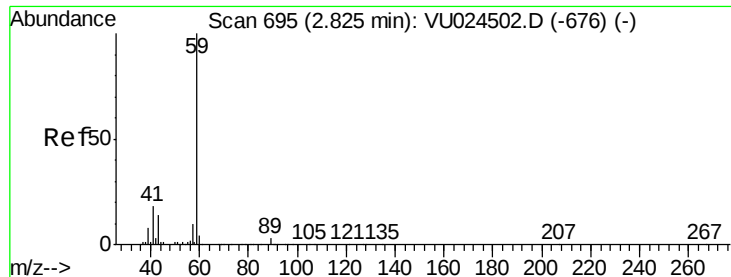


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 214.75 ug/l

RT: 2.82 min Scan# 695

Delta R.T. -0.00 min

Lab File: VU025204.D

Acq: 05 Jul 2018 10:08

Instrument :

MSVOA_U

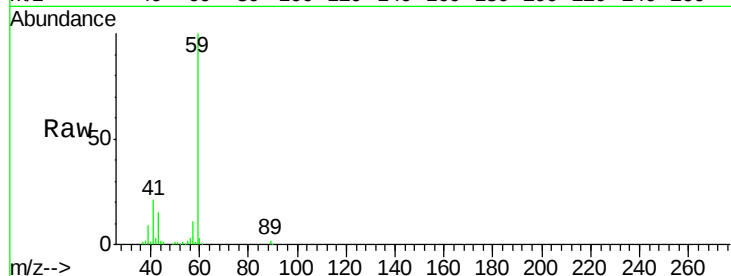
ClientSampleId :

Tot Ion: 59 Resp: 145537

Ion Ratio Lower Upper

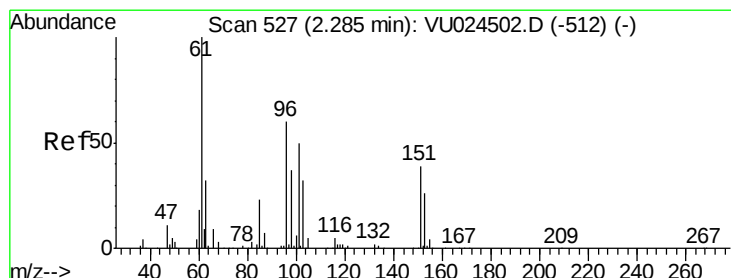
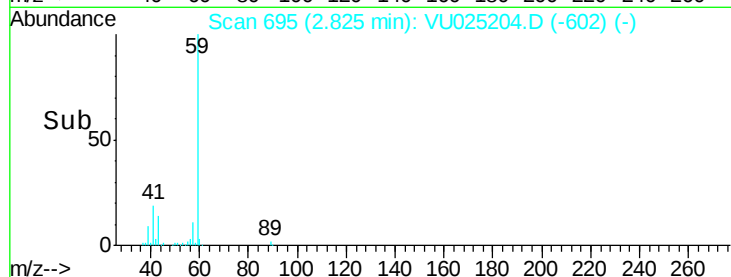
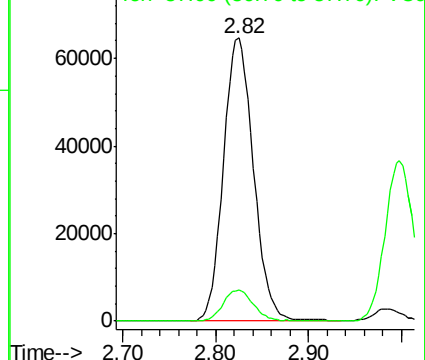
59 100

57 10.9 8.5 12.7



Abundance Ion 59.00 (58.70 to 59.70): VU0

Ion 57.00 (56.70 to 57.70): VU0



#12

1,1-Dichloroethene

Concen: 47.47 ug/l

RT: 2.28 min Scan# 527

Delta R.T. -0.00 min

Lab File: VU025204.D

Acq: 05 Jul 2018 10:08

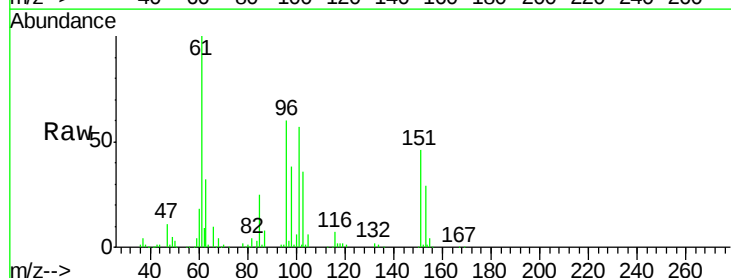
Tgt Ion: 96 Resp: 92264

Ion Ratio Lower Upper

96 100

61 167.9 141.7 212.5

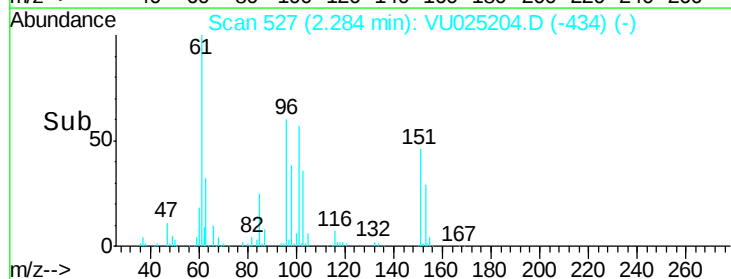
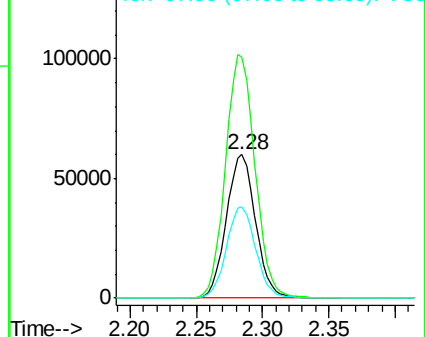
98 63.4 51.6 77.4

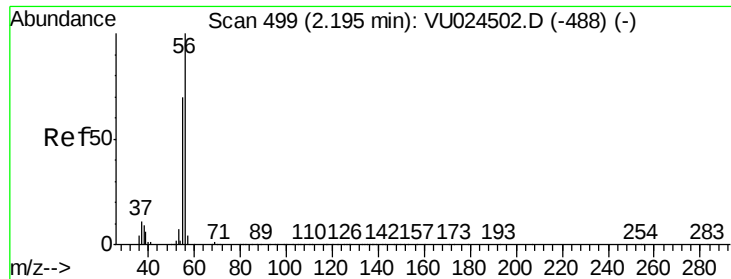


Abundance Ion 95.90 (95.60 to 96.60): VU0

Ion 60.90 (60.60 to 61.60): VU0

Ion 97.90 (97.60 to 98.60): VU0

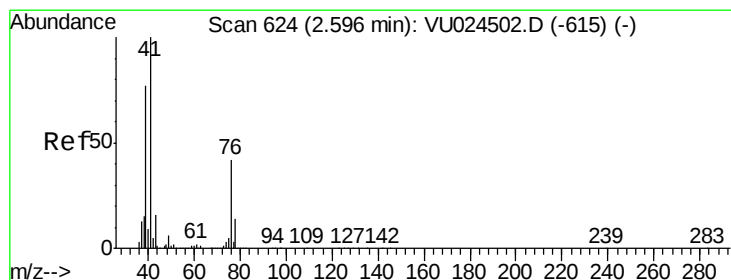
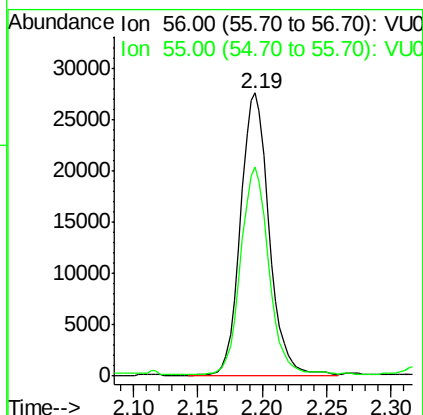
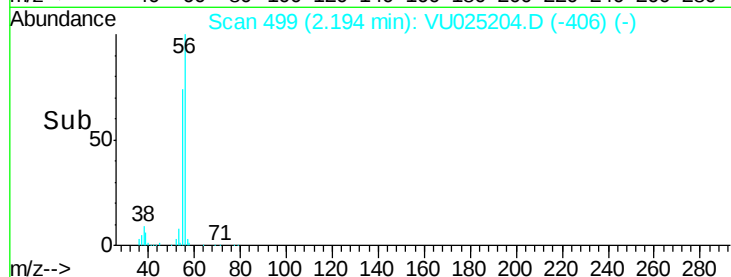
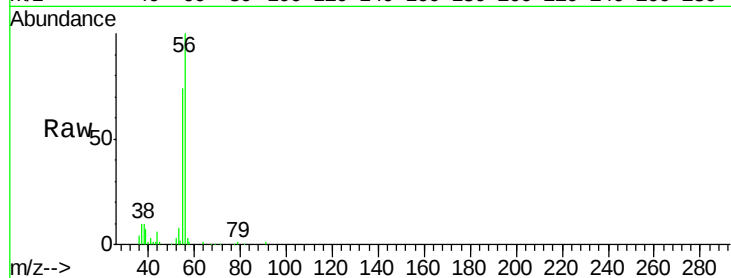




#13
Acrolein
Concen: 120.83 ug/l
RT: 2.19 min Scan# 499
Delta R.T. -0.00 min
Lab File: VU025204.D
Acq: 05 Jul 2018 10:08

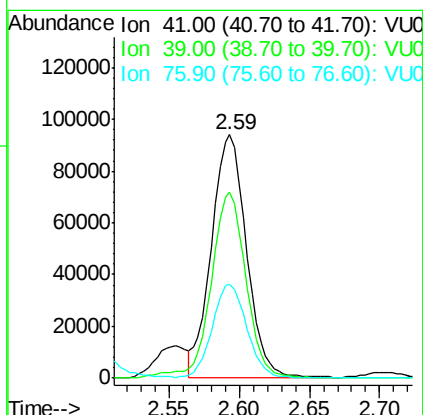
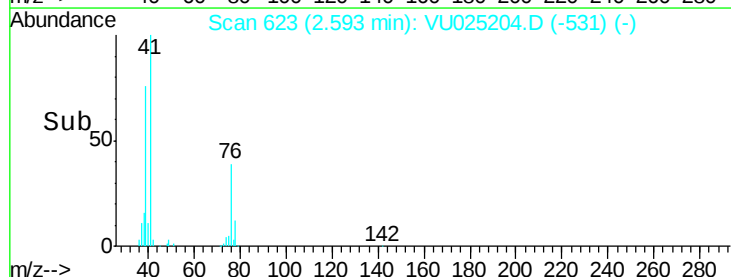
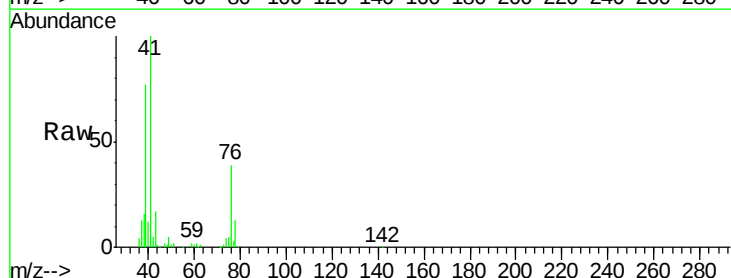
Instrument :
MSVOA_U
ClientSampled :

Tot Ion: 56 Resp: 43000
Ion Ratio Lower Upper
56 100
55 71.2 58.4 87.6



#14
Allyl chloride
Concen: 44.78 ug/l
RT: 2.59 min Scan# 623
Delta R.T. -0.00 min
Lab File: VU025204.D
Acq: 05 Jul 2018 10:08

Tgt Ion: 41 Resp: 161595
Ion Ratio Lower Upper
41 100
39 76.5 61.6 92.4
76 38.2 29.7 44.5





#15

Acrylonitrile

Concen: 241.00 ug/l

RT: 2.93 min Scan# 729

Delta R.T. -0.00 min

Lab File: VU025204.D

Acq: 05 Jul 2018 10:08

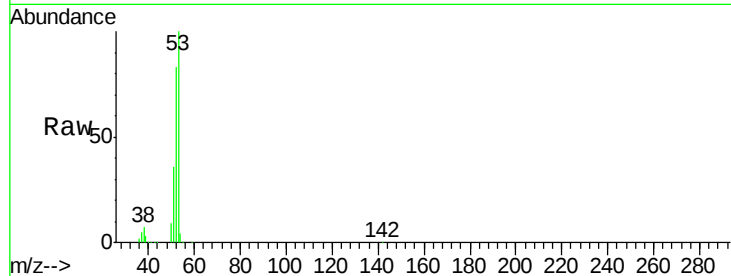
Instrument :

MSVOA_U

ClientSampleId :

Tot Ion: 53 Resp: 317772

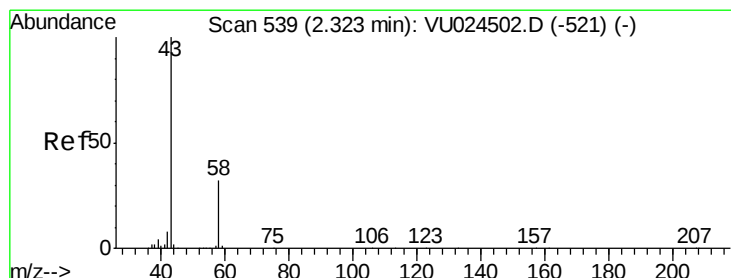
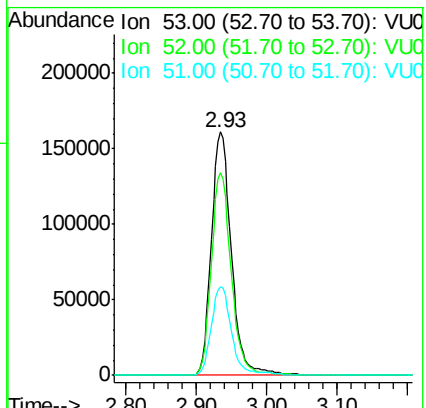
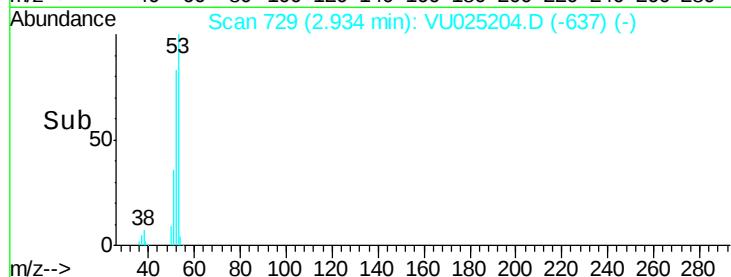
Ion	Ratio	Lower	Upper
53	100		
52	82.5	67.1	100.7
51	37.1	28.4	42.6



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: 257.19 ug/l

RT: 2.32 min Scan# 538

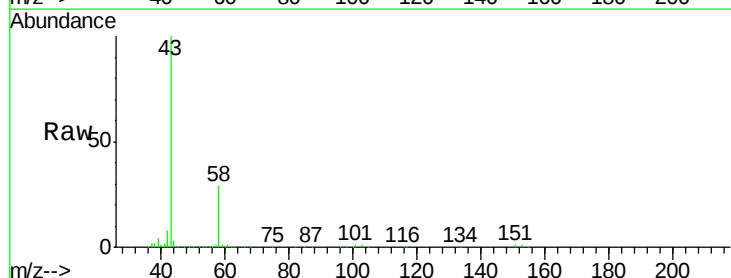
Delta R.T. -0.00 min

Lab File: VU025204.D

Acq: 05 Jul 2018 10:08

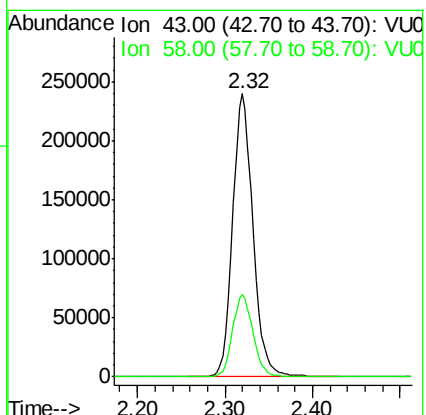
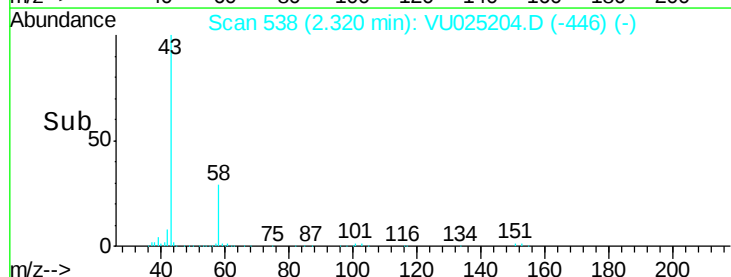
Tgt Ion: 43 Resp: 385061

Ion	Ratio	Lower	Upper
43	100		
58	29.1	24.4	36.6



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

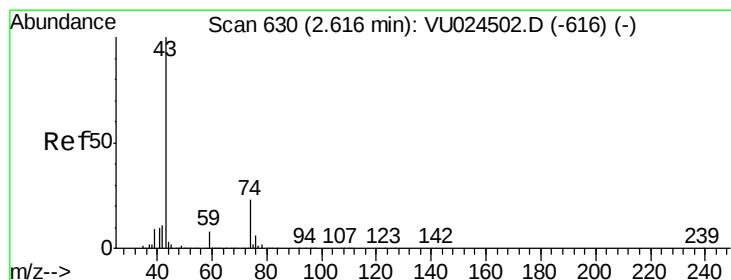
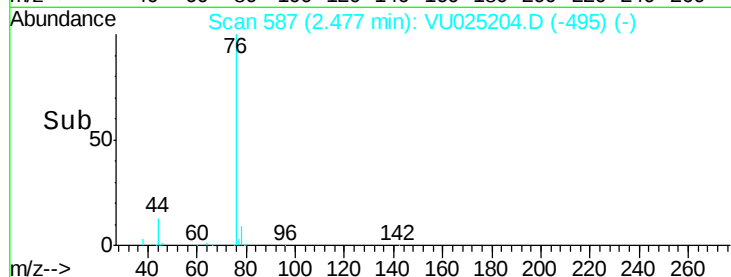
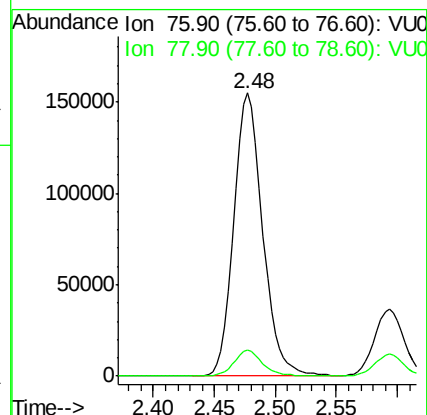
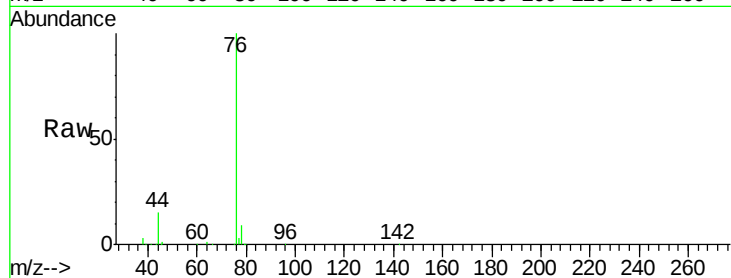




#17
Carbon Disulfide
Concen: 41.20 ug/l
RT: 2.48 min Scan# 587
Delta R.T. -0.00 min
Lab File: VU025204.D
Acq: 05 Jul 2018 10:08

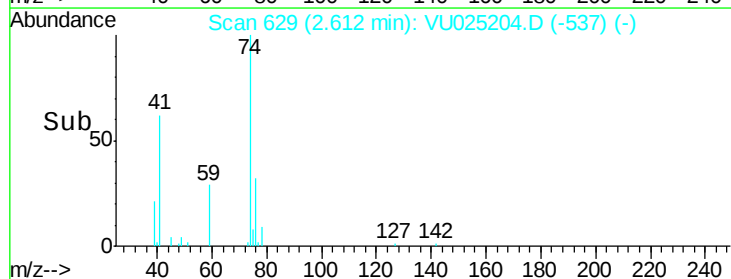
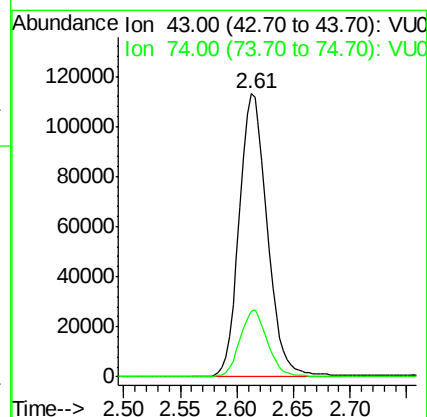
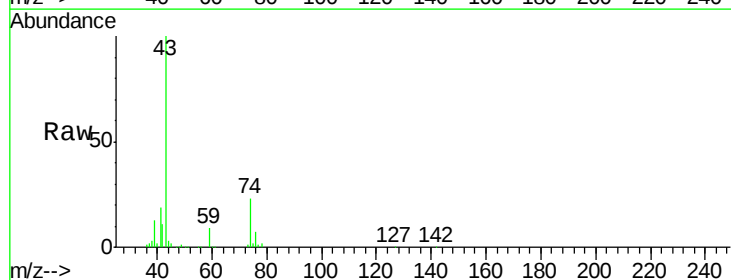
Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 76 Resp: 256377
Ion Ratio Lower Upper
76 100
78 9.1 7.1 10.7



#18
Methyl Acetate
Concen: 60.70 ug/l
RT: 2.61 min Scan# 629
Delta R.T. -0.00 min
Lab File: VU025204.D
Acq: 05 Jul 2018 10:08

Tgt Ion: 43 Resp: 194841
Ion Ratio Lower Upper
43 100
74 23.3 18.0 27.0

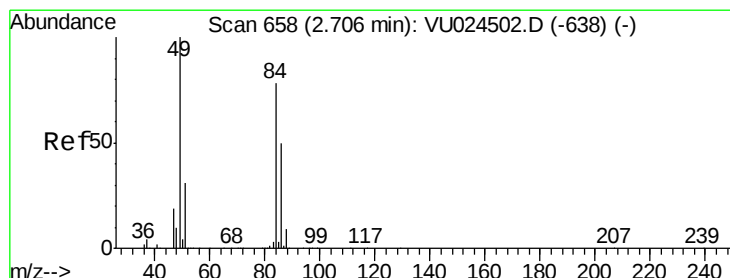
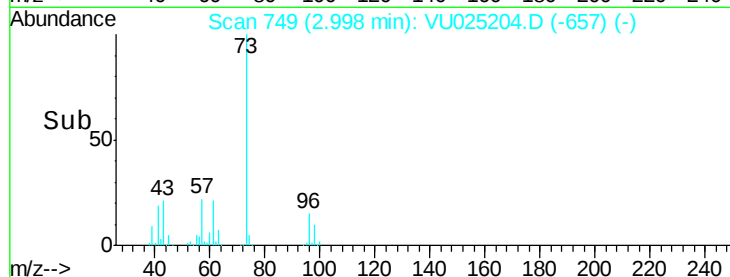
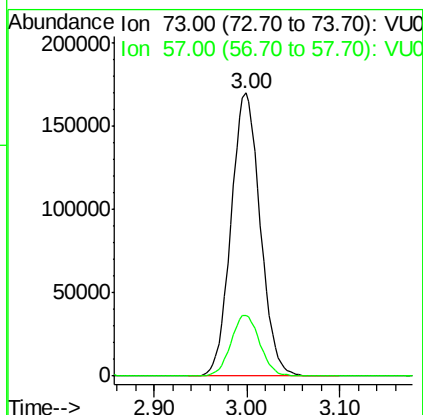
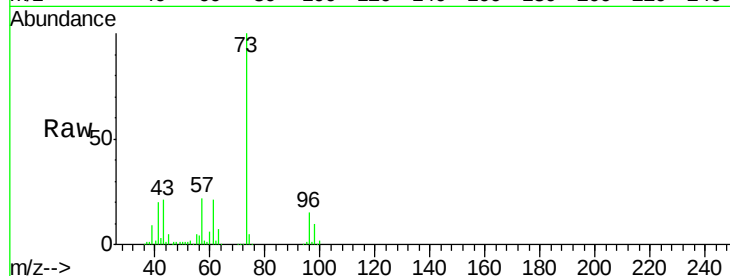




#19
Methvl tert-butvl Ether
Concen: 50.62 ug/l
RT: 3.00 min Scan# 749
Delta R.T. -0.00 min
Lab File: VU025204.D
Acq: 05 Jul 2018 10:08

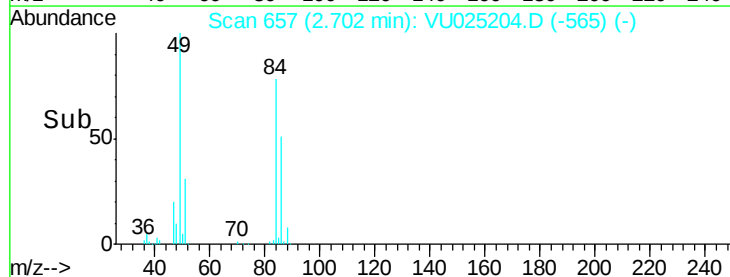
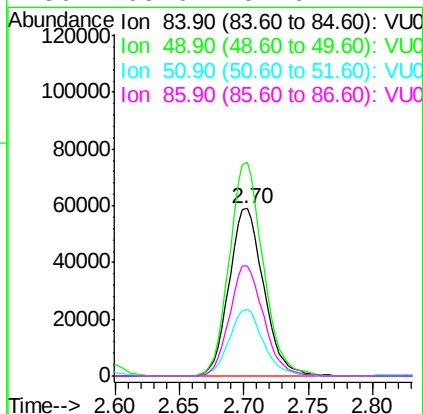
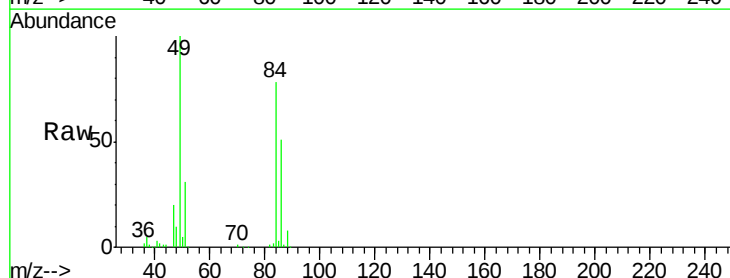
Instrument :
MSVOA_U
ClientSampleId :

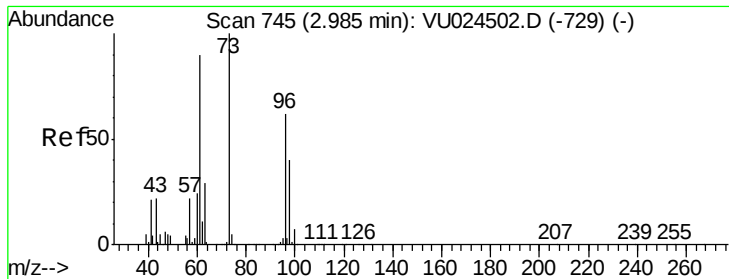
Tot Ion: 73 Resp: 369804
Ion Ratio Lower Upper
73 100
57 21.6 18.8 28.2



#20
Methylene Chloride
Concen: 46.99 ug/l
RT: 2.70 min Scan# 657
Delta R.T. -0.00 min
Lab File: VU025204.D
Acq: 05 Jul 2018 10:08

Tgt Ion: 84 Resp: 110398
Ion Ratio Lower Upper
84 100
49 127.5 103.8 155.8
51 40.1 32.0 48.0
86 65.6 51.6 77.4





#21

trans-1,2-Dichloroethene

Concen: 47.73 ug/l

RT: 2.98 min Scan# 744

Delta R.T. -0.00 min

Lab File: VU025204.D

Acq: 05 Jul 2018 10:08

Instrument :

MSVOA_U

ClientSampleId :

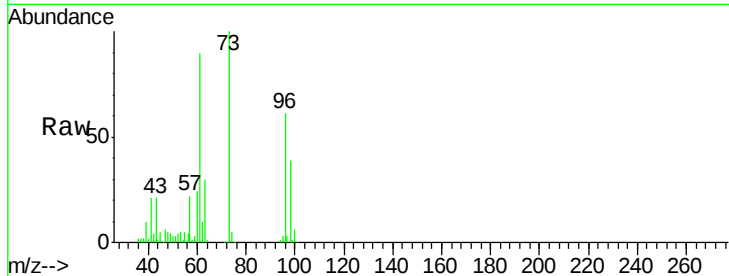
Tot Ion: 96 Resp: 102178

Ion Ratio Lower Upper

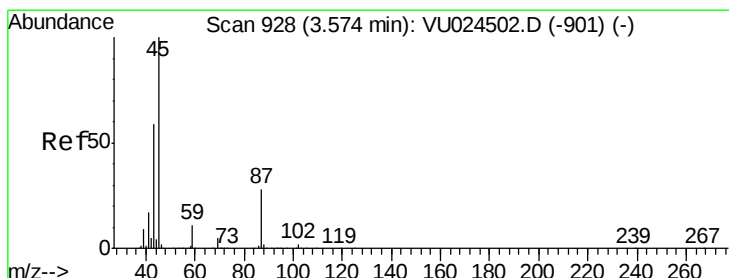
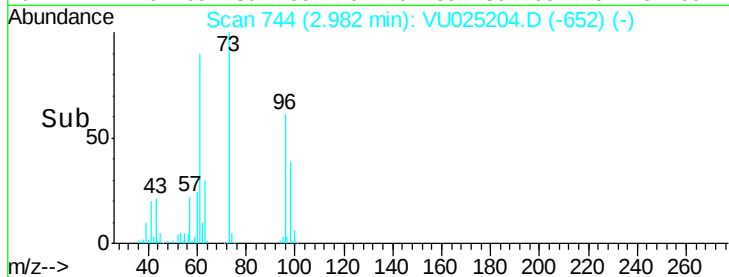
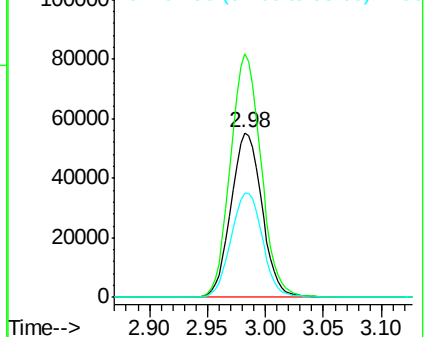
96 100

61 148.0 119.4 179.0

98 63.4 51.1 76.7



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



#22

Diisopropyl ether

Concen: 49.75 ug/l

RT: 3.57 min Scan# 927

Delta R.T. -0.00 min

Lab File: VU025204.D

Acq: 05 Jul 2018 10:08

Tgt Ion: 45 Resp: 355892

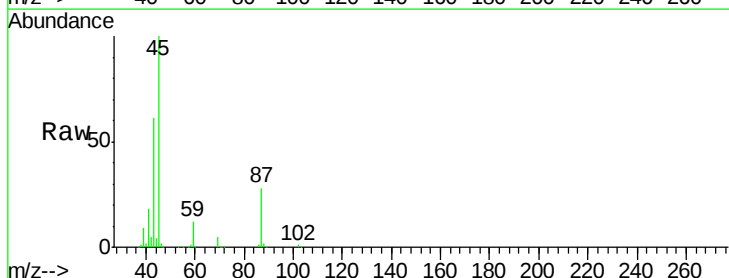
Ion Ratio Lower Upper

45 100

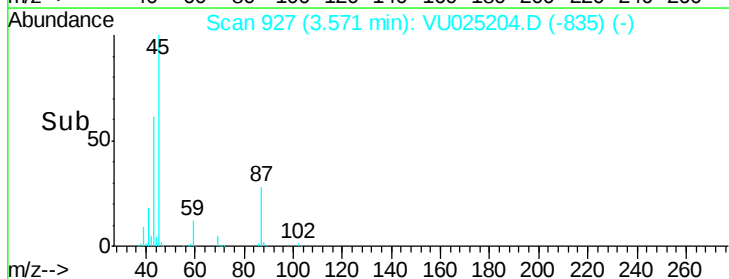
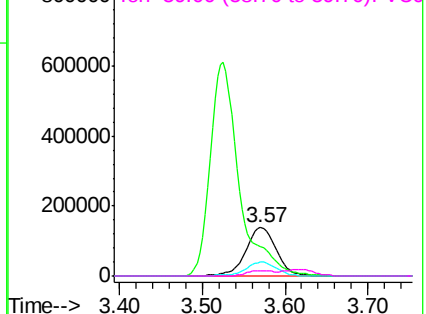
43 60.3 45.8 68.6

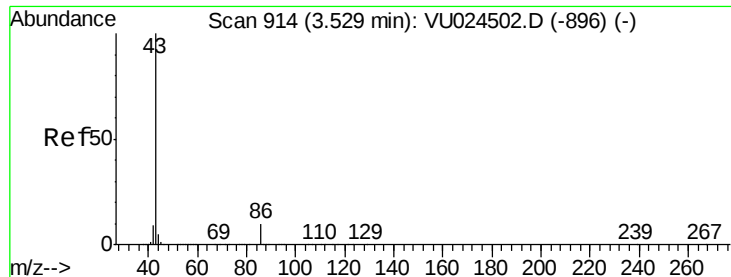
87 28.2 20.6 31.0

59 11.9 9.4 14.0



Abundance Ion 45.00 (44.70 to 45.70): VU0
Ion 43.00 (42.70 to 43.70): VU0
Ion 87.00 (86.70 to 87.70): VU0
Ion 59.00 (58.70 to 59.70): VU0





#23

Vinyl Acetate

Concen: 232.72 ug/l

RT: 3.53 min Scan# 913

Delta R.T. -0.00 min

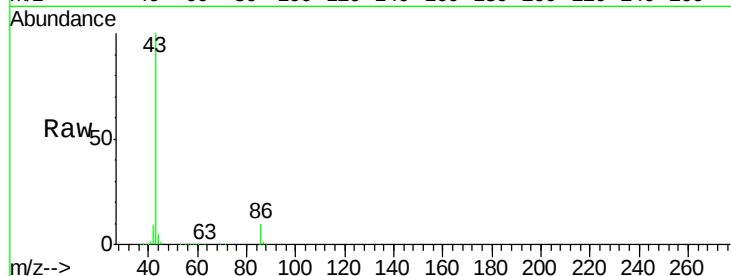
Lab File: VU025204.D

Acq: 05 Jul 2018 10:08

Instrument :
MSVOA_U
ClientSampled :

Tot Ion: 43 Resp: 1491267

Ion	Ratio	Lower	Upper
43	100		
86	10.3	7.8	11.8



Abundance Ion 43.00 (42.70 to 43.70): VU024502.D (-896) (-)

Ion 86.00 (85.70 to 86.70): VU024502.D (-896) (-)

3.53

600000

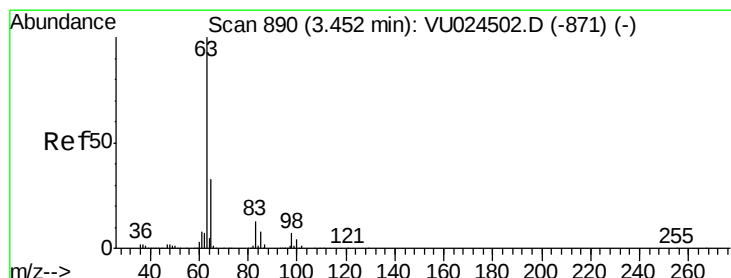
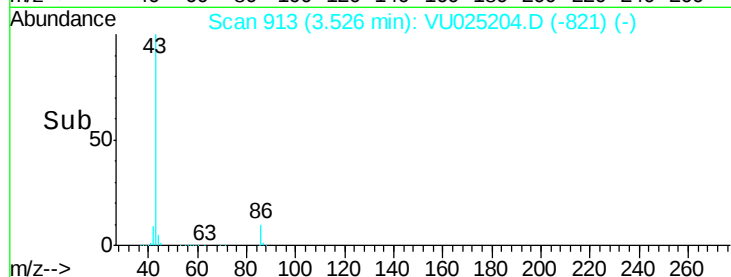
400000

200000

0

Time-->

3.40 3.50 3.60 3.70



#24

1,1-Dichloroethane

Concen: 49.14 ug/l

RT: 3.45 min Scan# 889

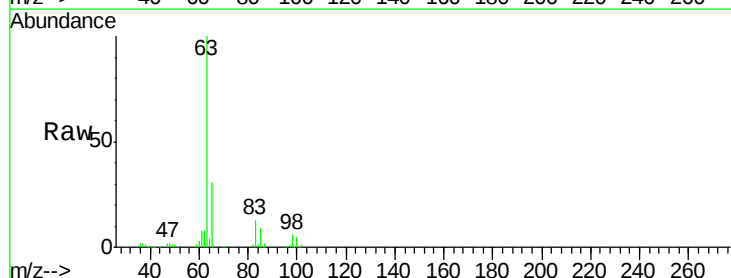
Delta R.T. -0.00 min

Lab File: VU025204.D

Acq: 05 Jul 2018 10:08

Tgt Ion: 63 Resp: 202226

Ion	Ratio	Lower	Upper
63	100		
98	6.3	3.5	10.4
100	4.5	1.8	5.5



Abundance Ion 62.90 (62.60 to 63.60): VU024502.D (-871) (-)

Ion 97.90 (97.60 to 98.60): VU024502.D (-871) (-)

Ion 99.90 (99.60 to 100.60): VU024502.D (-871) (-)

120000

100000

80000

60000

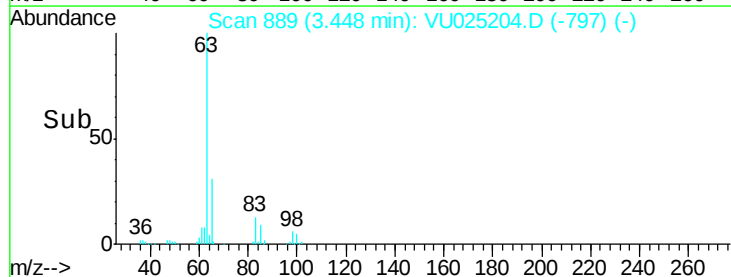
40000

20000

0

Time-->

3.40 3.50 3.60





#25

2-Butanone

Concen: 247.21 ug/l

RT: 4.26 min Scan# 1141

Delta R.T. -0.00 min

Lab File: VU025204.D

Acq: 05 Jul 2018 10:08

Instrument :

MSVOA_U

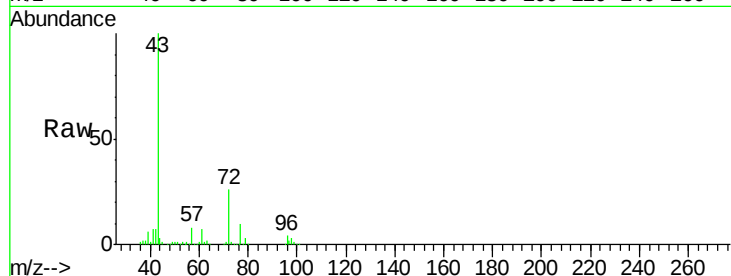
ClientSampleId :

Tot Ion: 43 Resp: 497160

Ion Ratio Lower Upper

43 100

72 26.0 19.6 29.4



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 72.00 (71.70 to 72.70): VU0

4.26

200000

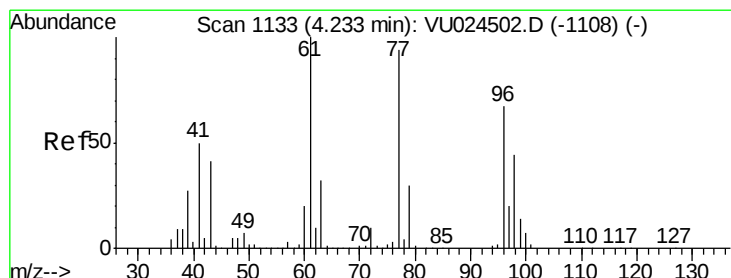
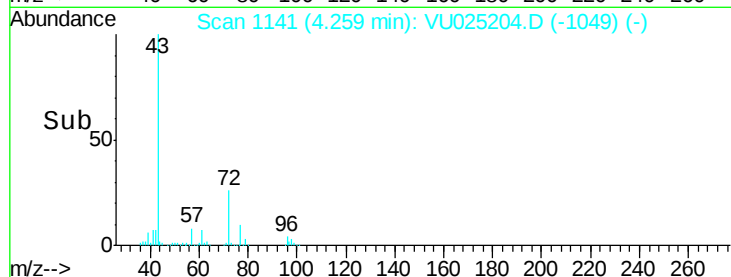
150000

100000

50000

0

Time-->



#26

2,2-Dichloropropane

Concen: 49.50 ug/l

RT: 4.23 min Scan# 1132

Delta R.T. -0.00 min

Lab File: VU025204.D

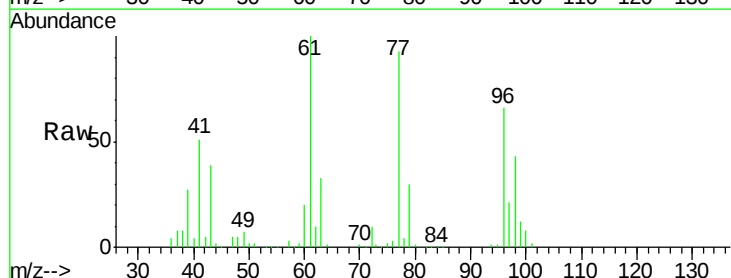
Acq: 05 Jul 2018 10:08

Tgt Ion: 77 Resp: 193444

Ion Ratio Lower Upper

77 100

97 21.9 11.3 33.8



Abundance Ion 76.90 (76.60 to 77.60): VU0

Ion 96.90 (96.60 to 97.60): VU0

4.23

80000

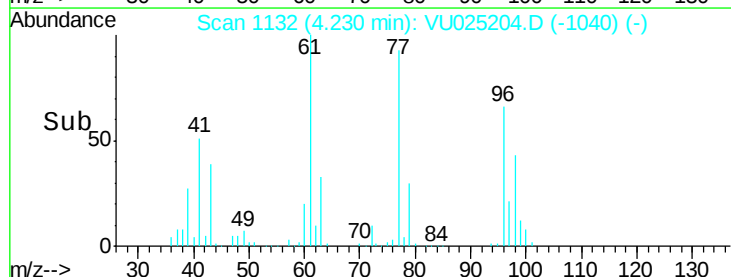
60000

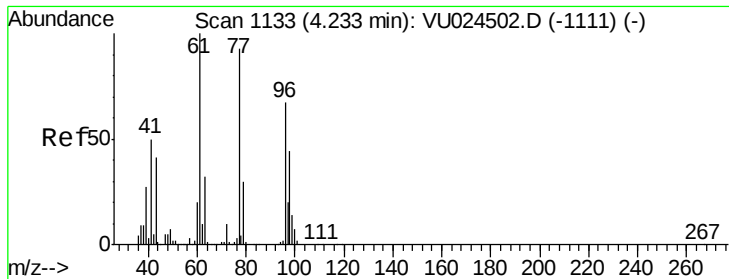
40000

20000

0

Time-->





#27

cis-1,2-Dichloroethene

Concen: 49.90 ug/l

RT: 4.23 min Scan# 1131

Delta R.T. -0.01 min

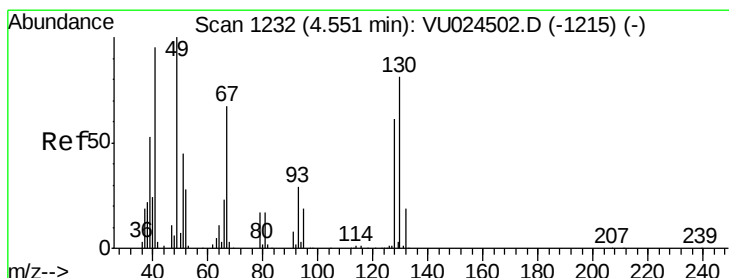
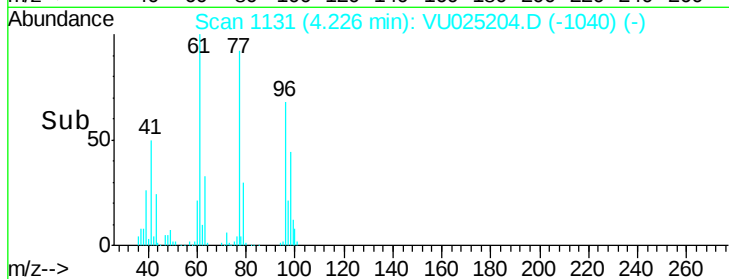
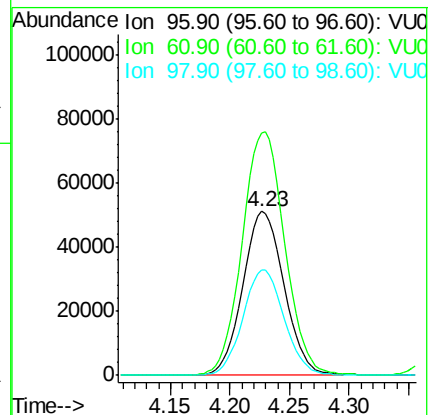
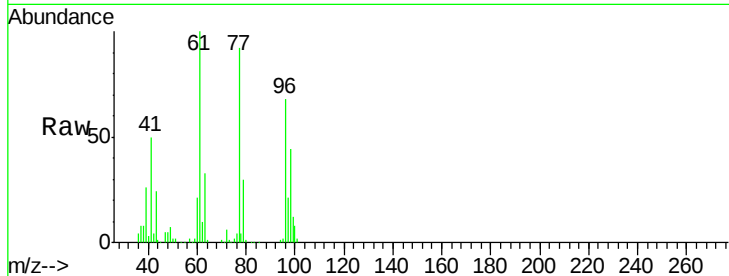
Lab File: VU025204.D

Acq: 05 Jul 2018 10:08

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 96 Resp: 122795

Ion	Ratio	Lower	Upper
96	100		
61	153.6	0.0	306.6
98	64.4	0.0	128.8



#28

Bromochloromethane

Concen: 43.73 ug/l

RT: 4.55 min Scan# 1231

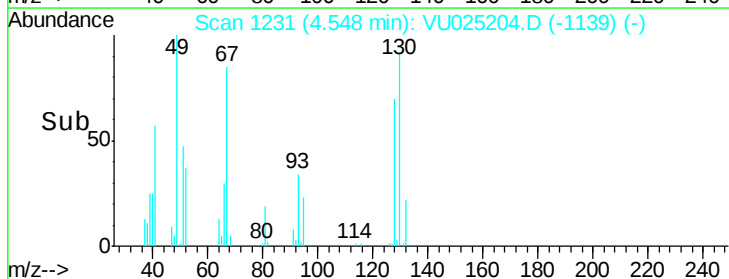
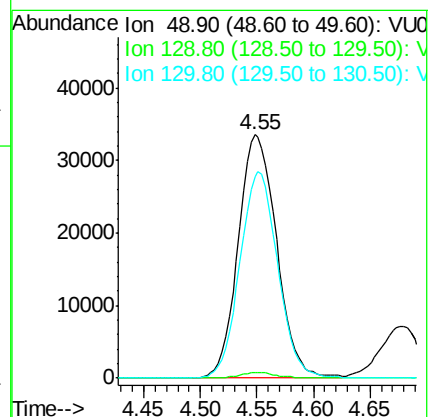
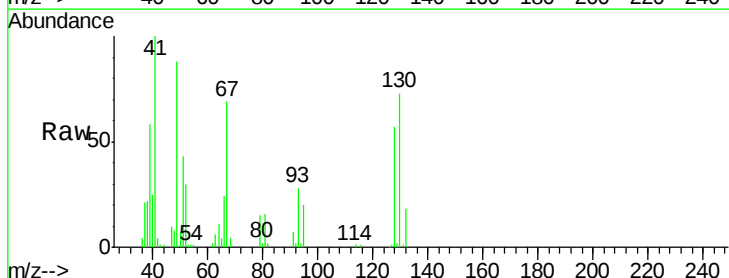
Delta R.T. -0.00 min

Lab File: VU025204.D

Acq: 05 Jul 2018 10:08

Tgt Ion: 49 Resp: 79260

Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	3.8
130	83.6	57.8	86.6





#29

Tetrahydrofuran

Concen: 234.82 ug/l

RT: 4.63 min Scan# 1258

Delta R.T. -0.00 min

Lab File: VU025204.D

Acq: 05 Jul 2018 10:08

Instrument :
MSVOA_U
ClientSampleId :

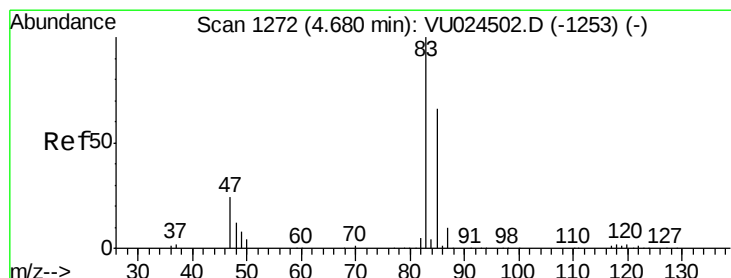
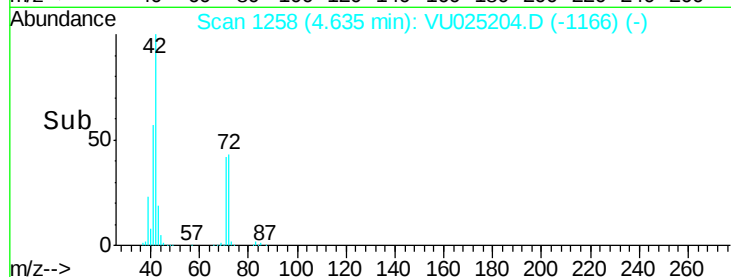
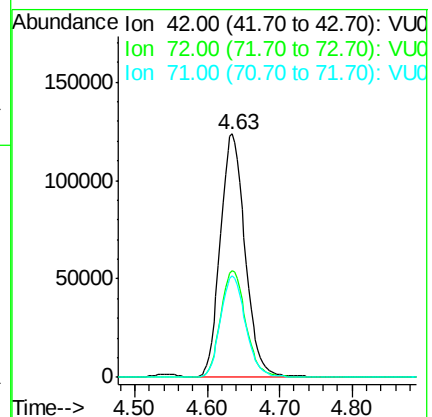
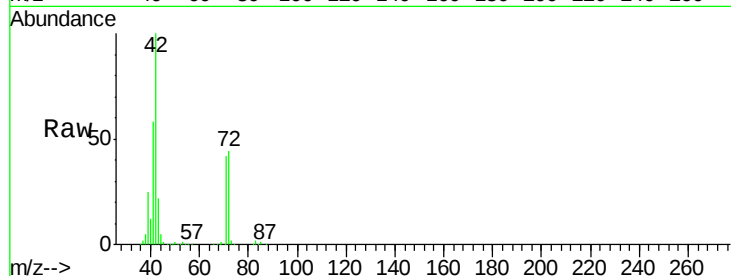
Tot Ion: 42 Resp: 292438

Ion Ratio Lower Upper

42 100

72 44.6 34.5 51.7

71 42.3 32.2 48.4



#30

Chloroform

Concen: 51.18 ug/l

RT: 4.68 min Scan# 1271

Delta R.T. -0.00 min

Lab File: VU025204.D

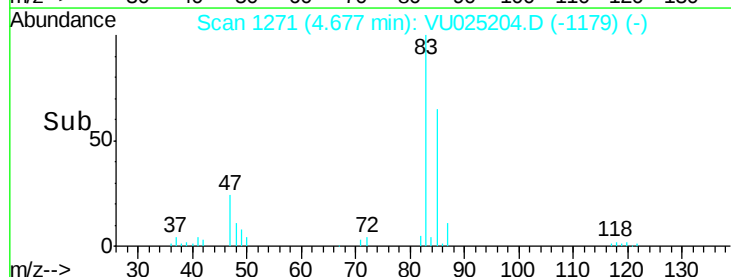
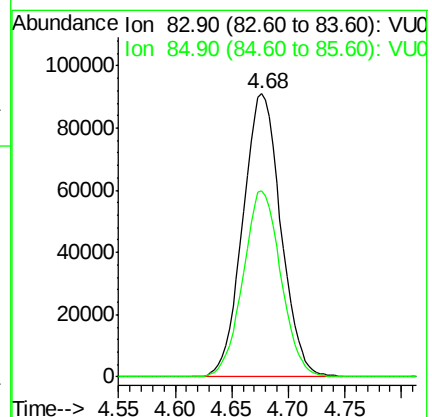
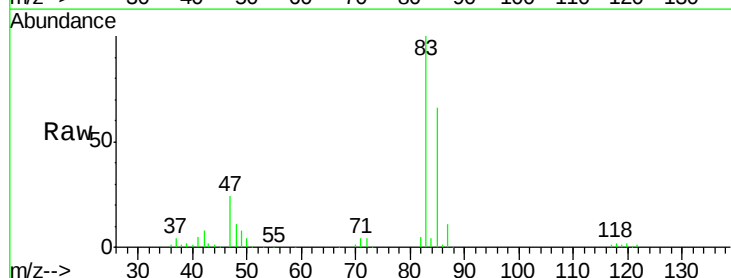
Acq: 05 Jul 2018 10:08

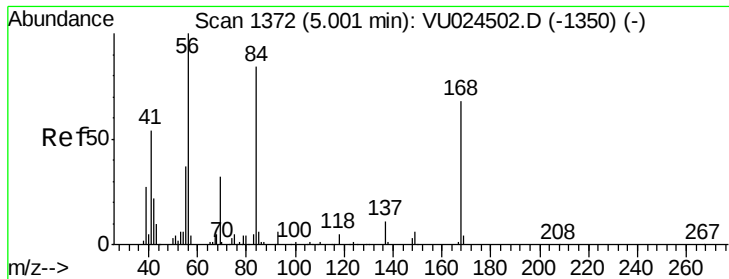
Tgt Ion: 83 Resp: 213160

Ion Ratio Lower Upper

83 100

85 65.8 52.4 78.6





#31

Cyclohexane

Concen: 49.04 ug/l

RT: 5.00 min Scan# 1371

Delta R.T. -0.00 min

Lab File: VU025204.D

Acq: 05 Jul 2018 10:08

Instrument :
MSVOA_U
ClientSampled :

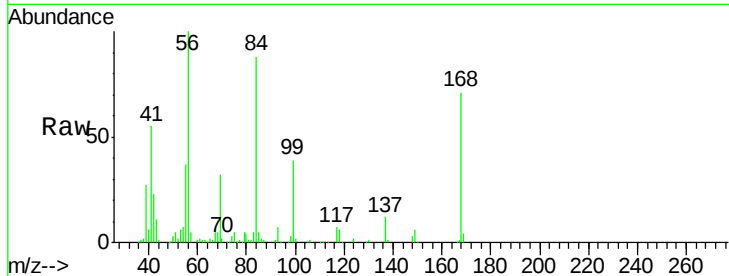
Tot Ion: 56 Resp: 179338

Ion Ratio Lower Upper

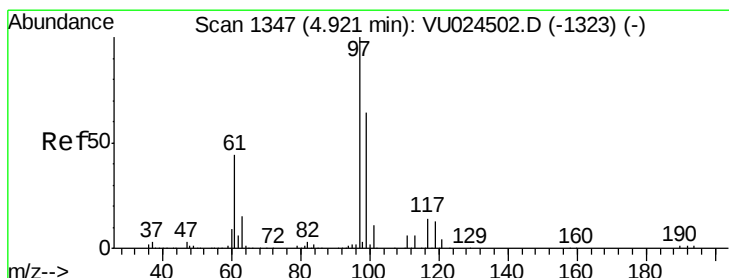
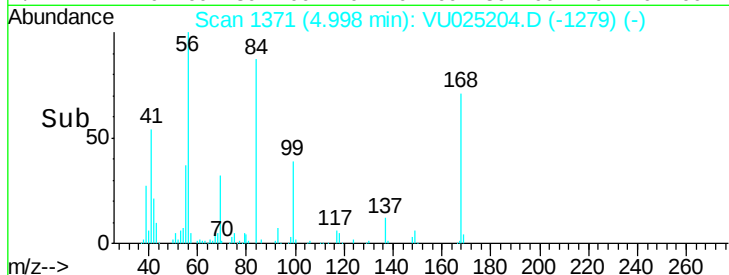
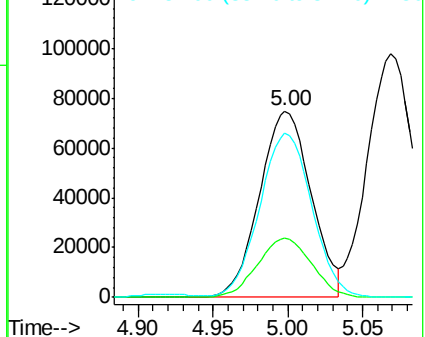
56 100

69 31.9 24.8 37.2

84 86.8 65.2 97.8



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



#32

1,1,1-Trichloroethane

Concen: 50.50 ug/l

RT: 4.92 min Scan# 1346

Delta R.T. -0.00 min

Lab File: VU025204.D

Acq: 05 Jul 2018 10:08

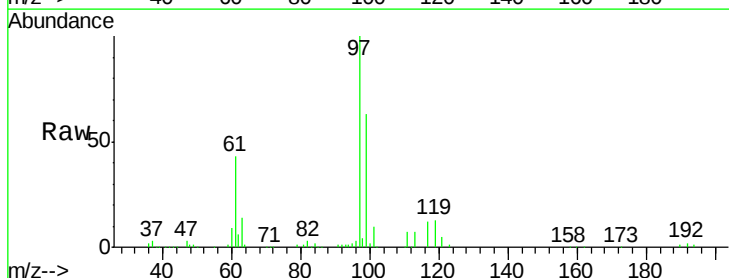
Tgt Ion: 97 Resp: 194498

Ion Ratio Lower Upper

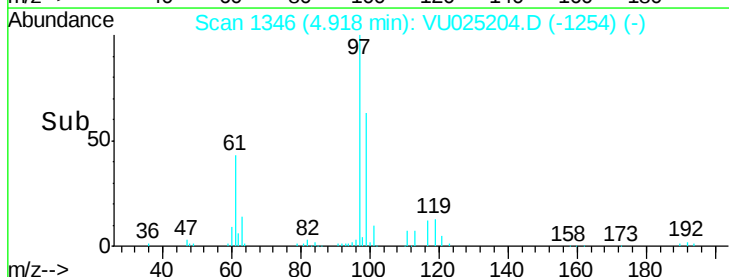
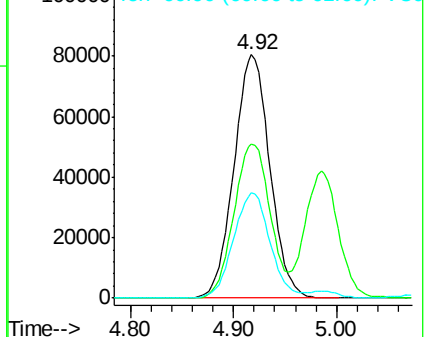
97 100

99 64.0 51.0 76.6

61 44.1 39.4 59.0



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





#33

1,2-Dichloroethane-d4

Concen: 46.56 ug/l

RT: 5.31 min Scan# 1468

Delta R.T. -0.00 min

Lab File: VU025204.D

Acq: 05 Jul 2018 10:08

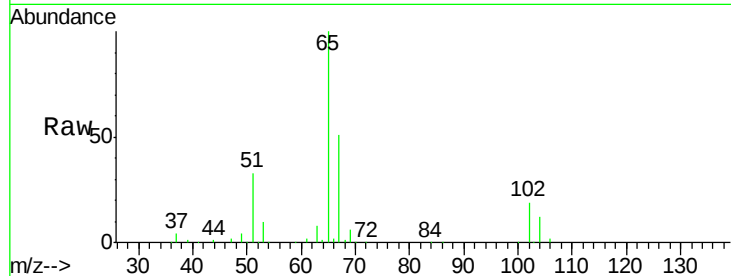
Instrument :
MSVOA_U
ClientSampled :

Tot Ion: 65 Resp: 129735

Ion Ratio Lower Upper

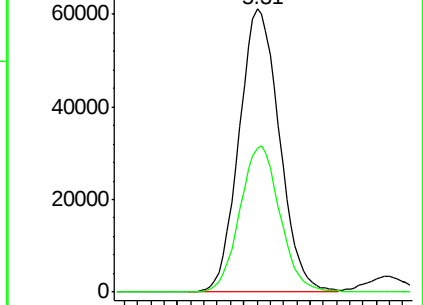
65 100

67 51.2 0.0 107.0

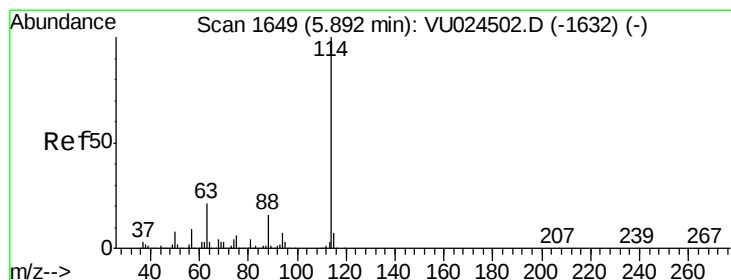
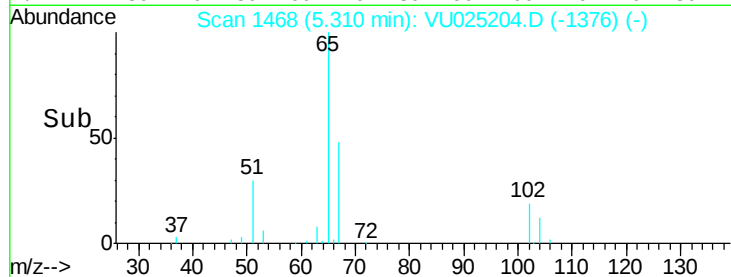


Abundance Ion 64.90 (64.60 to 65.60): VU025204.D (-1376) (-)

Ion 66.90 (66.60 to 67.60): VU025204.D (-1376) (-)



Time-->



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 5.89 min Scan# 1648

Delta R.T. -0.00 min

Lab File: VU025204.D

Acq: 05 Jul 2018 10:08

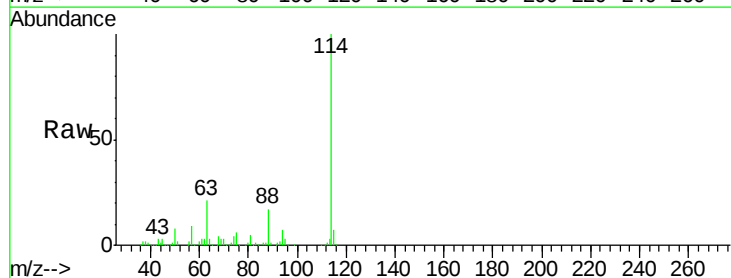
Tgt Ion: 114 Resp: 251445

Ion Ratio Lower Upper

114 100

63 20.9 0.0 45.4

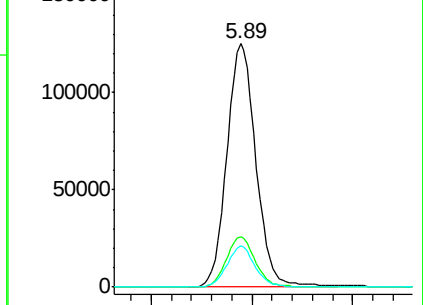
88 16.9 0.0 31.0



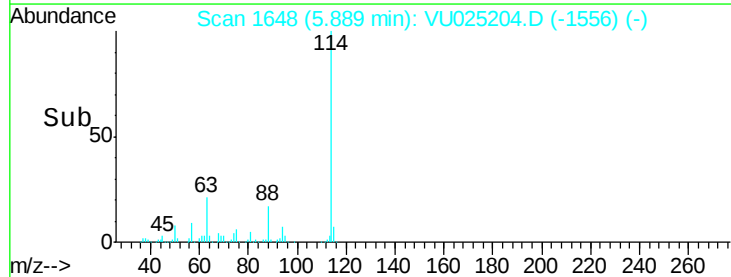
Abundance Ion 113.90 (113.60 to 114.60): VU025204.D (-1556) (-)

Ion 63.00 (62.70 to 63.70): VU025204.D (-1556) (-)

Ion 87.90 (87.60 to 88.60): VU025204.D (-1556) (-)



Time-->





#35

Dibromofluoromethane

Concen: 51.32 ug/l

RT: 4.89 min Scan# 1336

Delta R.T. -0.00 min

Lab File: VU025204.D

Acq: 05 Jul 2018 10:08

Instrument :
MSVOA_U
ClientSampleId :

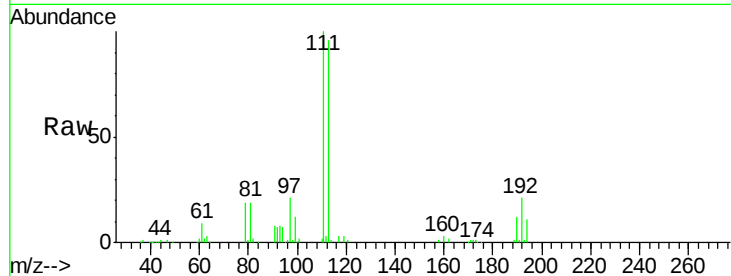
Tot Ion:113 Resp: 107101

Ion Ratio Lower Upper

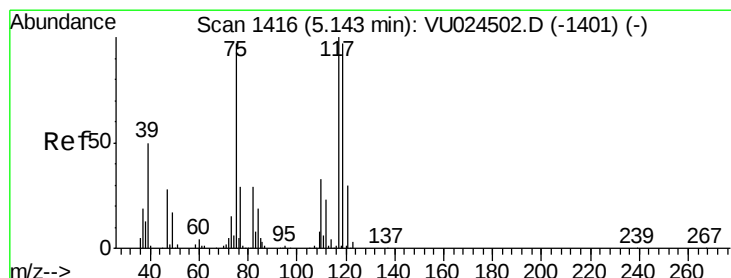
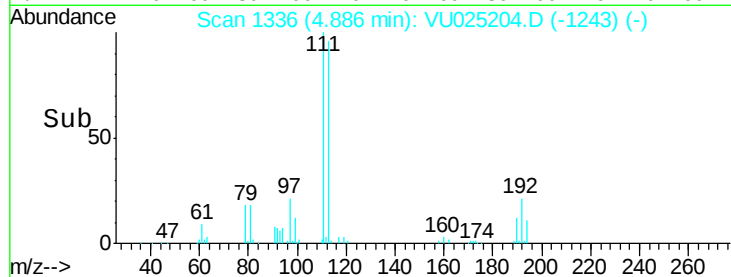
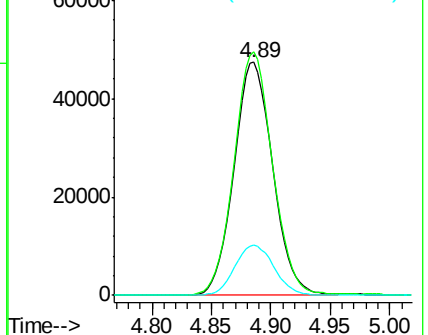
113 100

111 103.9 82.2 123.4

192 21.7 16.2 24.4



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: 51.46 ug/l

RT: 5.14 min Scan# 1415

Delta R.T. -0.00 min

Lab File: VU025204.D

Acq: 05 Jul 2018 10:08

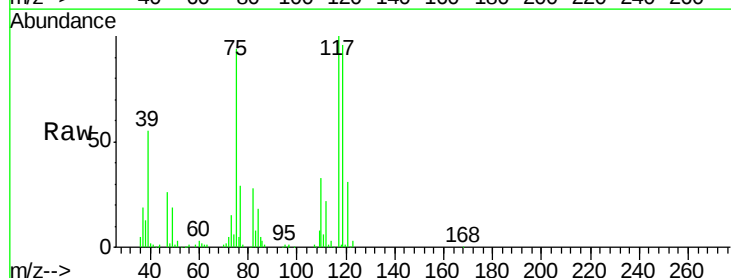
Tgt Ion: 75 Resp: 152053

Ion Ratio Lower Upper

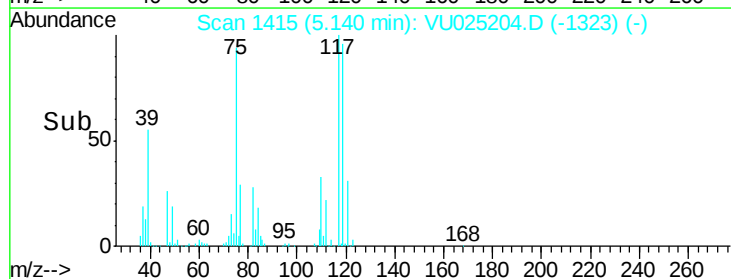
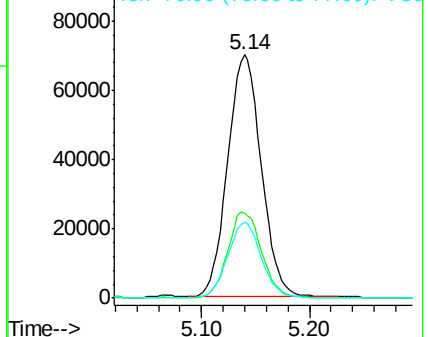
75 100

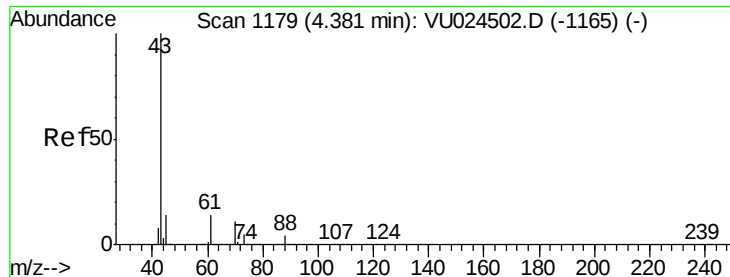
110 36.0 17.0 50.9

77 30.8 24.2 36.4



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

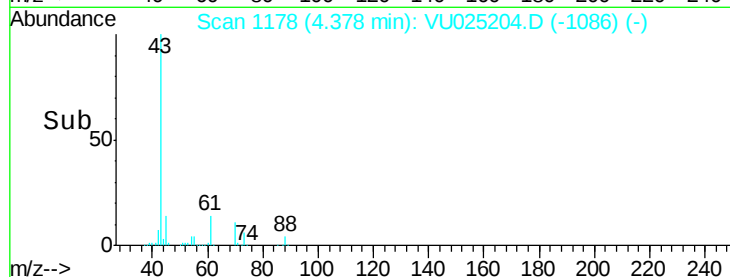
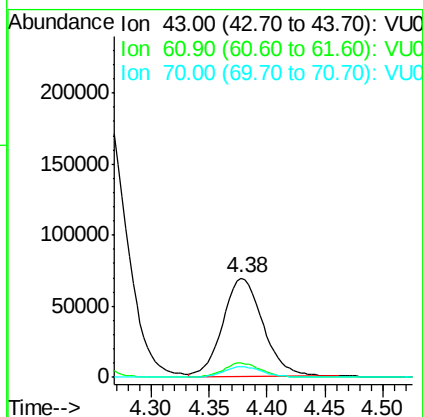
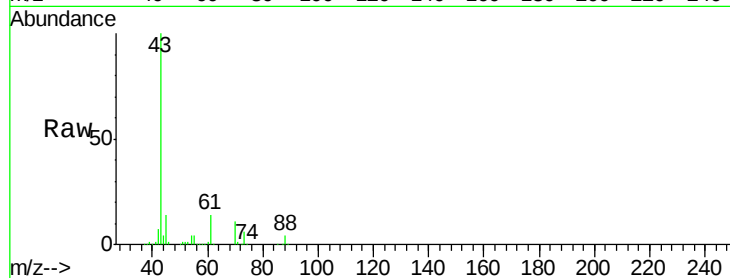




#37
Ethyl Acetate
Concen: 52.08 ug/l
RT: 4.38 min Scan# 1178
Delta R.T. -0.00 min
Lab File: VU025204.D
Acq: 05 Jul 2018 10:08

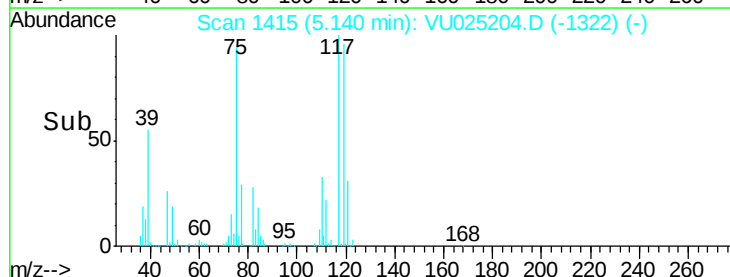
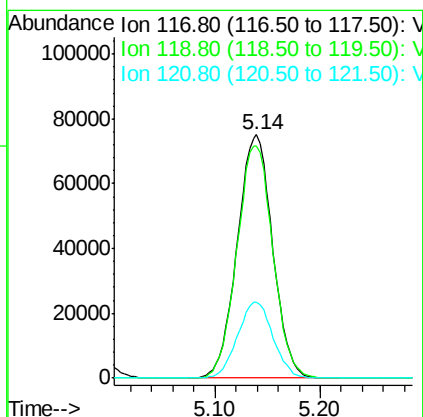
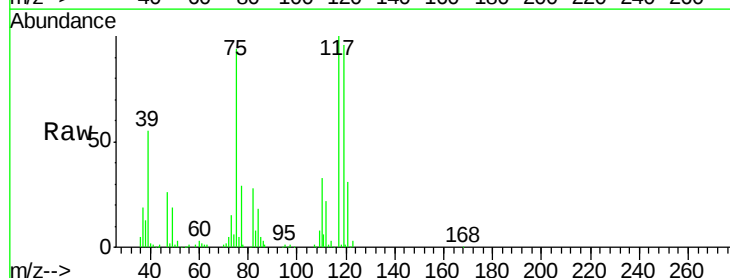
Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 43 Resp: 167702
Ion Ratio Lower Upper
43 100
61 14.0 10.5 15.7
70 10.5 7.4 11.2



#38
Carbon Tetrachloride
Concen: 53.77 ug/l
RT: 5.14 min Scan# 1415
Delta R.T. -0.00 min
Lab File: VU025204.D
Acq: 05 Jul 2018 10:08

Tgt Ion: 117 Resp: 174692
Ion Ratio Lower Upper
117 100
119 95.5 76.1 114.1
121 31.4 23.7 35.5

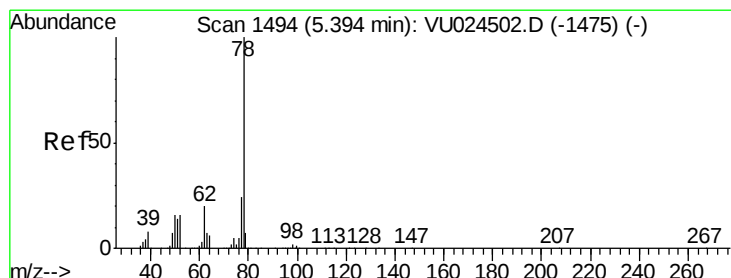
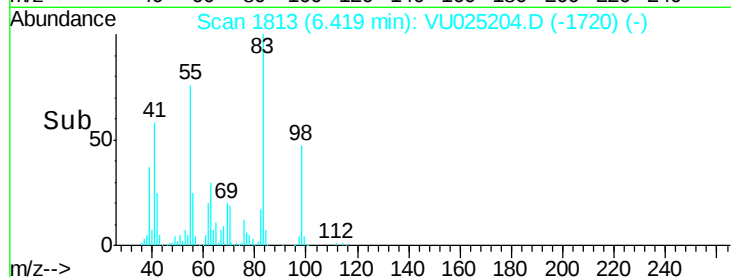
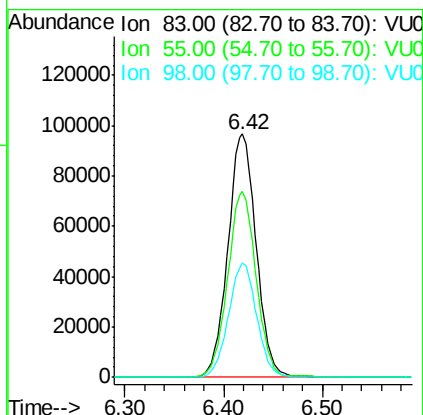
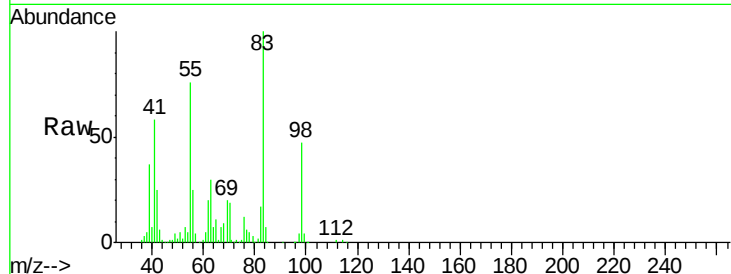




#39
Methvlcvclohexane
Concen: 52.64 ug/l
RT: 6.42 min Scan# 1813
Delta R.T. -0.00 min
Lab File: VU025204.D
Acq: 05 Jul 2018 10:08

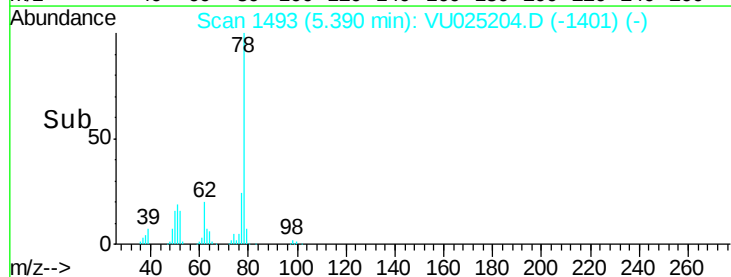
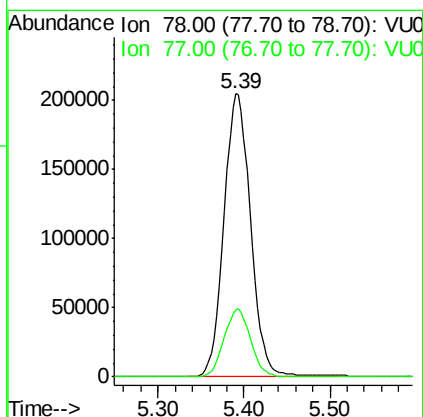
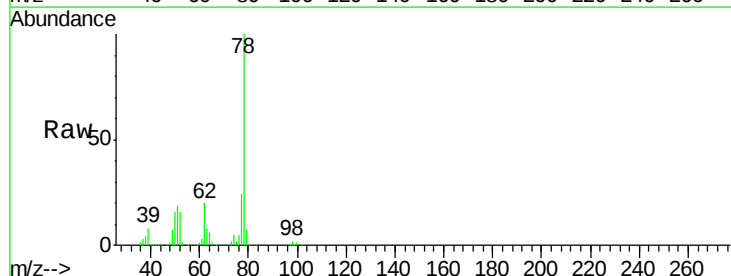
Instrument :
MSVOA_U
ClientSampled :

Tot Ion: 83 Resp: 194100
Ion Ratio Lower Upper
83 100
55 76.3 65.8 98.6
98 46.7 36.7 55.1



#40
Benzene
Concen: 52.56 ug/l
RT: 5.39 min Scan# 1493
Delta R.T. -0.00 min
Lab File: VU025204.D
Acq: 05 Jul 2018 10:08

Tgt Ion: 78 Resp: 442550
Ion Ratio Lower Upper
78 100
77 23.6 19.2 28.8

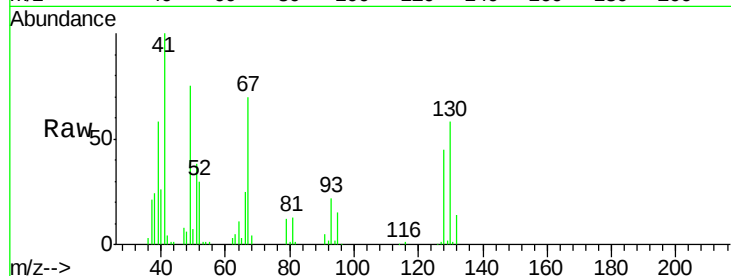




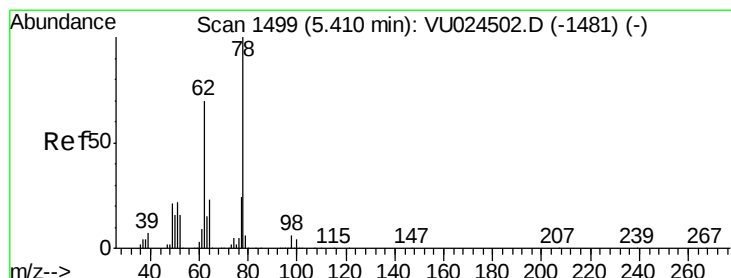
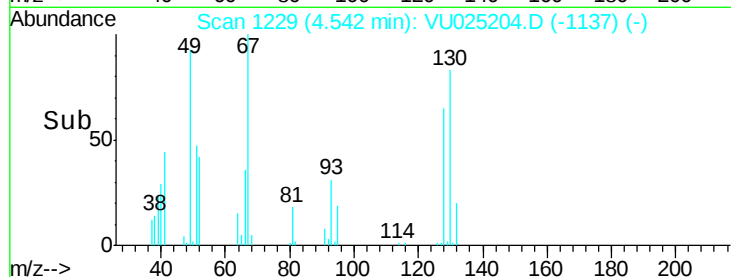
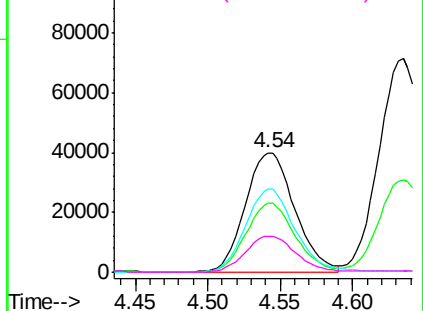
#41
Methacrylonitrile
Concen: 54.66 ug/l
RT: 4.54 min Scan# 1229
Delta R.T. -0.00 min
Lab File: VU025204.D
Acq: 05 Jul 2018 10:08

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 41 Resp: 94899
Ion Ratio Lower Upper
41 100
39 57.7 43.8 65.6
67 69.8 56.3 84.5
52 31.1 23.2 34.8

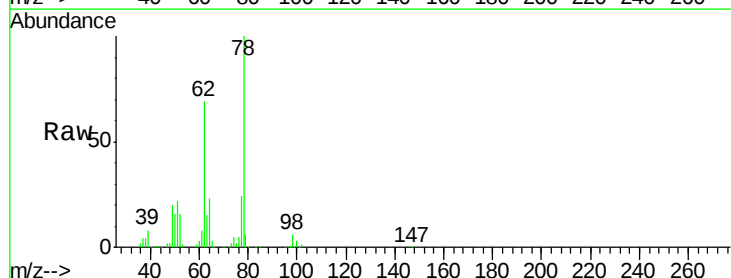


Abundance Ion 41.00 (40.70 to 41.70): VU0
Ion 39.00 (38.70 to 39.70): VU0
Ion 67.00 (66.70 to 67.70): VU0
Ion 52.00 (51.70 to 52.70): VU0

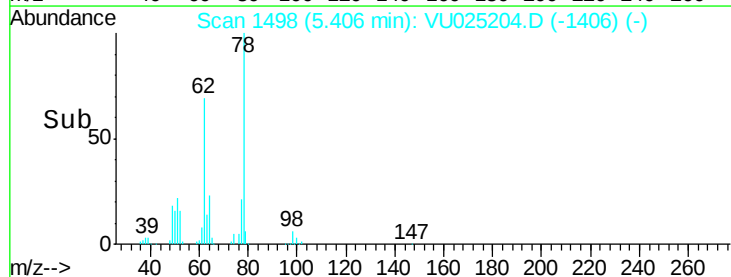
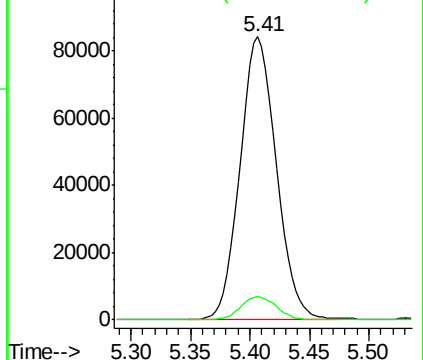


#42
1,2-Dichloroethane
Concen: 55.65 ug/l
RT: 5.41 min Scan# 1498
Delta R.T. -0.00 min
Lab File: VU025204.D
Acq: 05 Jul 2018 10:08

Tgt Ion: 62 Resp: 178432
Ion Ratio Lower Upper
62 100
98 8.2 0.0 16.6



Abundance Ion 61.90 (61.60 to 62.60): VU0
Ion 97.90 (97.60 to 98.60): VU0

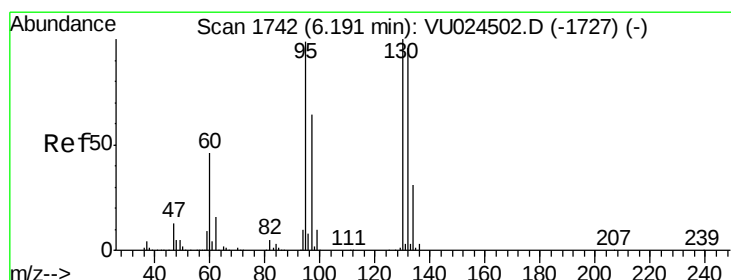
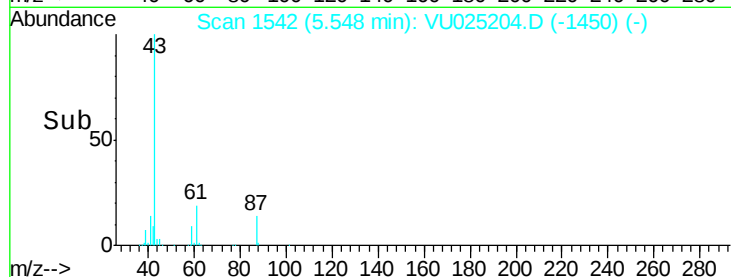
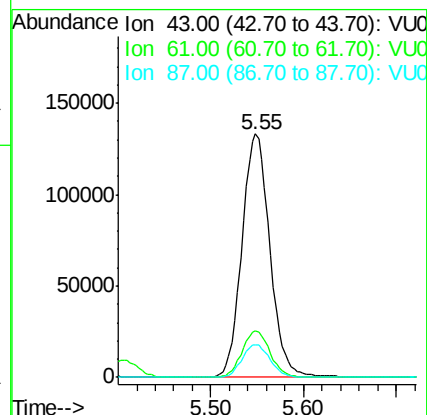
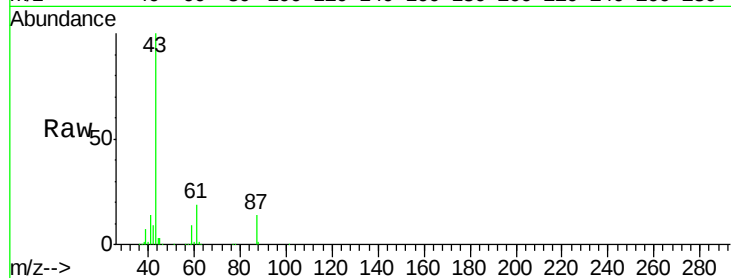




#43
Isopropyl Acetate
Concen: 49.77 ug/l
RT: 5.55 min Scan# 1542
Delta R.T. -0.00 min
Lab File: VU025204.D
Acq: 05 Jul 2018 10:08

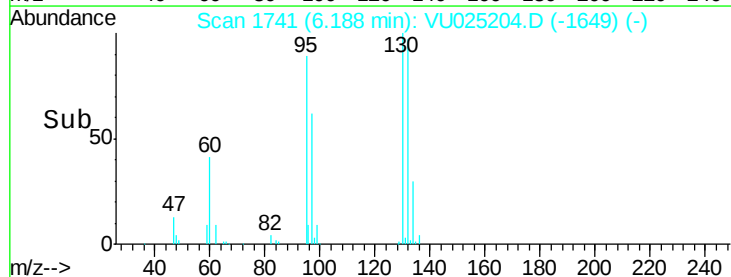
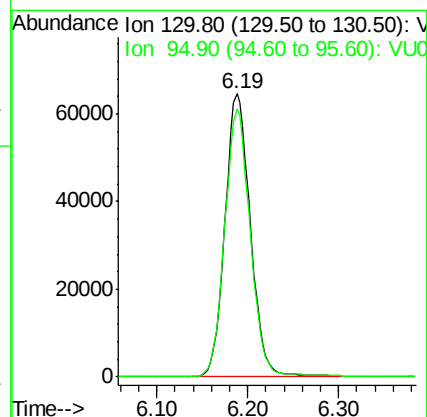
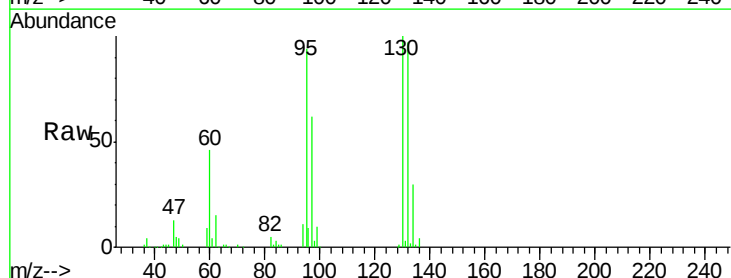
Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 43 Resp: 277058
Ion Ratio Lower Upper
43 100
61 19.4 15.4 23.0
87 13.5 10.0 15.0



#44
Trichloroethene
Concen: 52.37 ug/l
RT: 6.19 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VU025204.D
Acq: 05 Jul 2018 10:08

Tgt Ion:130 Resp: 125481
Ion Ratio Lower Upper
130 100
95 94.5 0.0 202.4





#45

1,2-Dichloropropane

Concen: 52.91 ug/l

RT: 6.44 min Scan# 1818

Delta R.T. -0.00 min

Lab File: VU025204.D

Acq: 05 Jul 2018 10:08

Instrument :

MSVOA_U

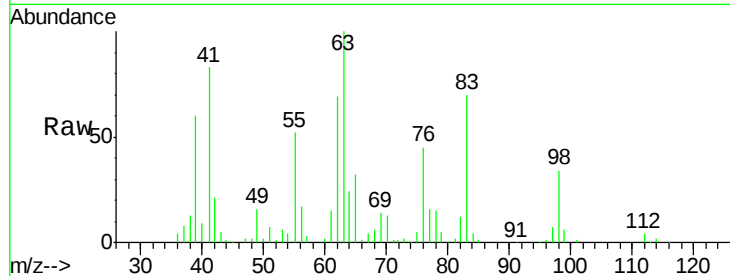
ClientSampleId :

Tot Ion: 63 Resp: 118863

Ion Ratio Lower Upper

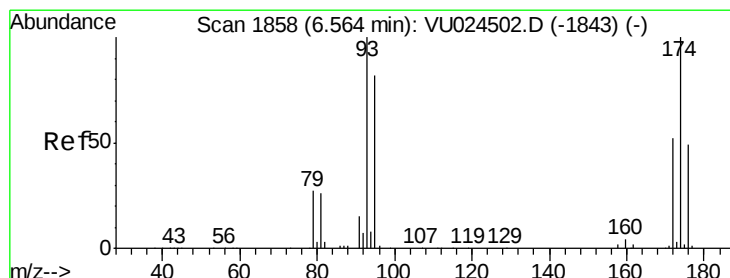
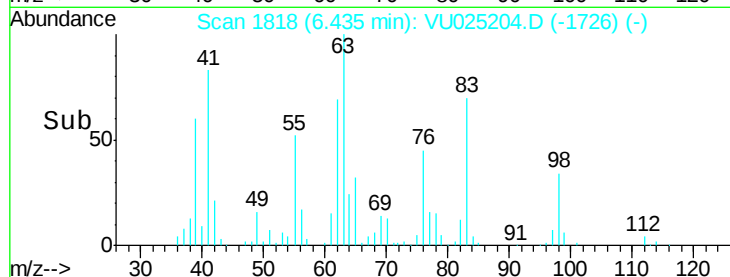
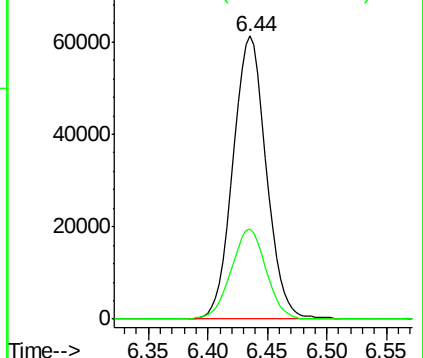
63 100

65 31.7 24.8 37.2



Abundance Ion 62.90 (62.60 to 63.60): VU0

Ion 64.90 (64.60 to 65.60): VU0



#46

Dibromomethane

Concen: 54.65 ug/l

RT: 6.56 min Scan# 1857

Delta R.T. -0.00 min

Lab File: VU025204.D

Acq: 05 Jul 2018 10:08

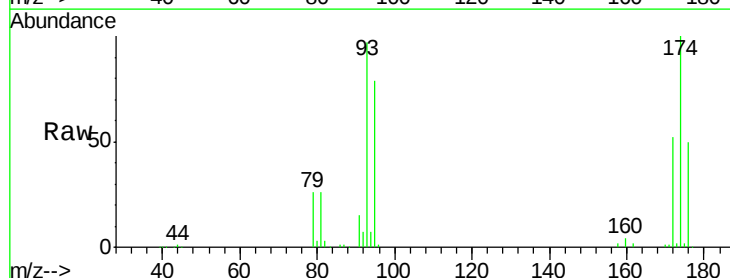
Tgt Ion: 93 Resp: 86229

Ion Ratio Lower Upper

93 100

95 82.2 65.5 98.3

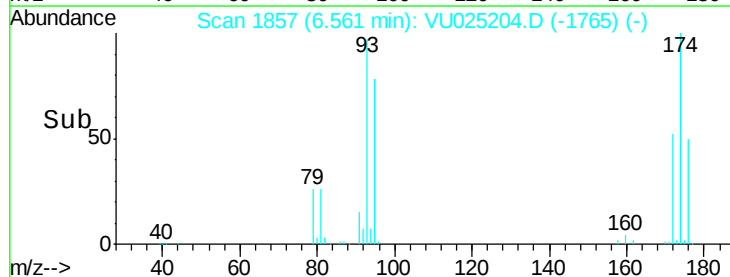
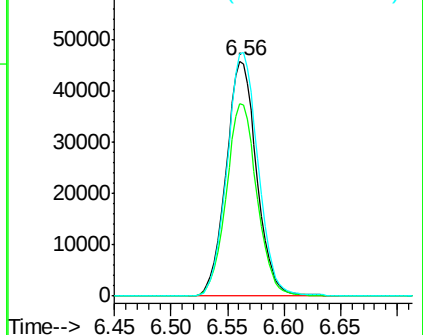
174 105.5 78.7 118.1



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: 52.81 ug/l

RT: 6.76 min Scan# 1919

Delta R.T. -0.00 min

Lab File: VU025204.D

Acq: 05 Jul 2018 10:08

Instrument :
MSVOA_U
ClientSampled :

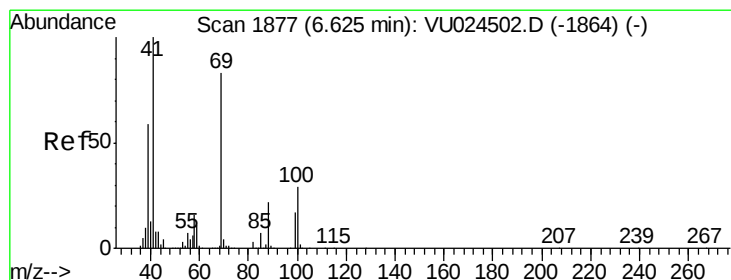
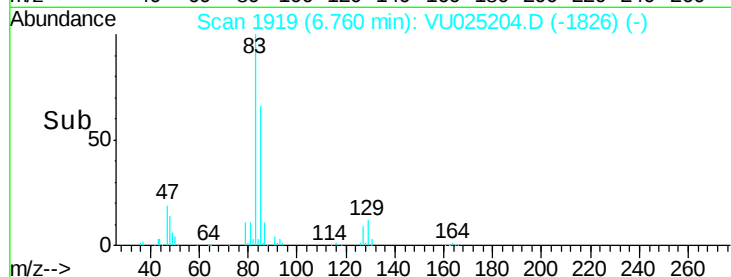
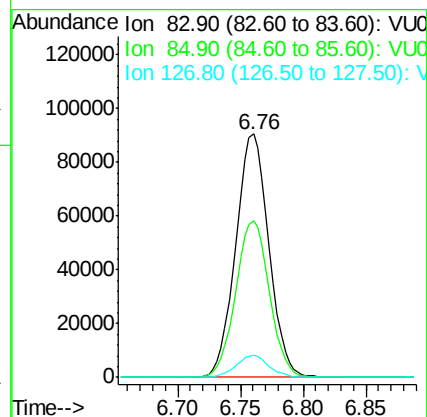
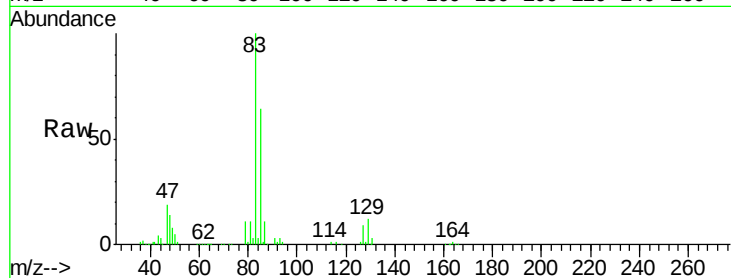
Tot Ion: 83 Resp: 165925

Ion Ratio Lower Upper

83 100

85 64.5 51.9 77.9

127 9.2 6.6 9.8



#48

Methyl methacrylate

Concen: 53.92 ug/l

RT: 6.62 min Scan# 1876

Delta R.T. -0.00 min

Lab File: VU025204.D

Acq: 05 Jul 2018 10:08

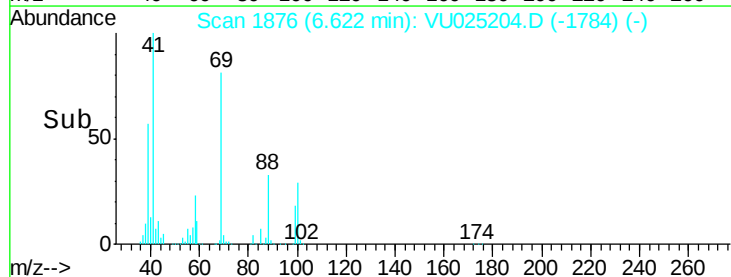
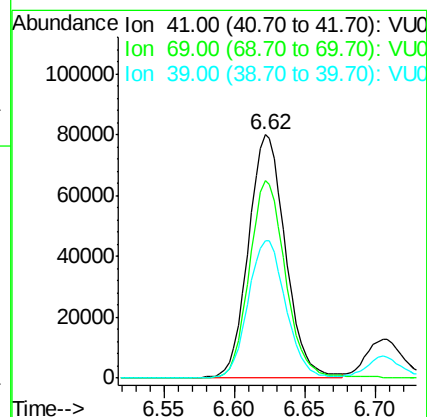
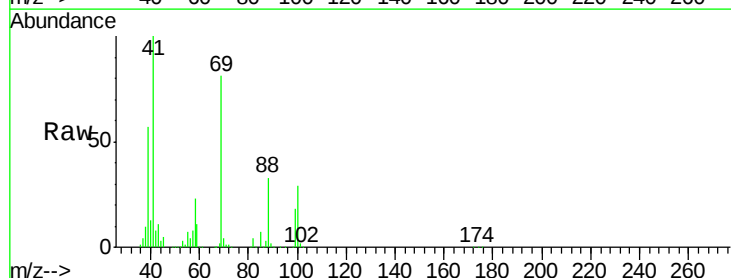
Tgt Ion: 41 Resp: 146149

Ion Ratio Lower Upper

41 100

69 80.3 67.3 100.9

39 57.2 46.5 69.7

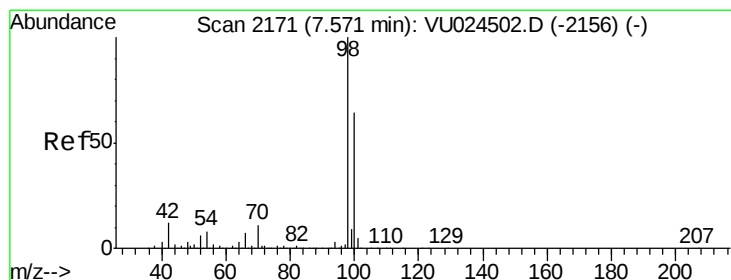
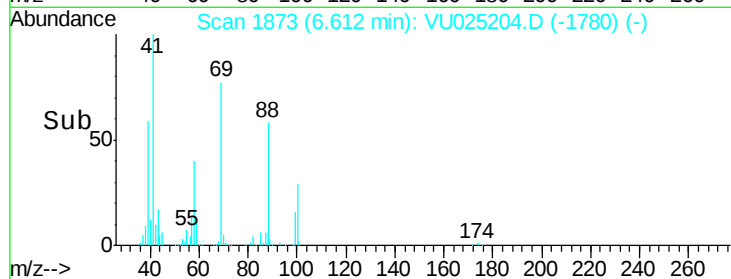
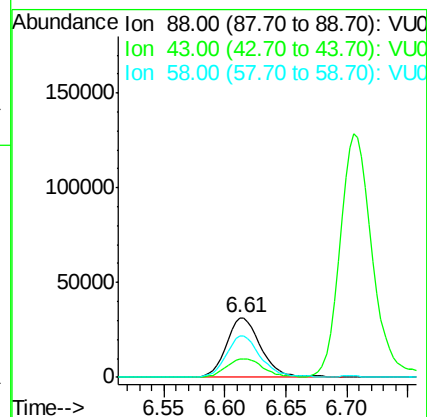
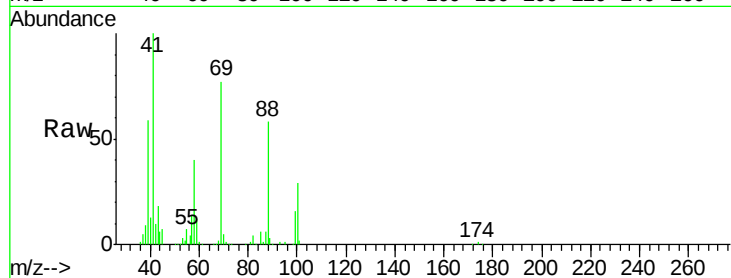




#49
1,4-Dioxane
Concen: 1152.58 ug/l
RT: 6.61 min Scan# 1873
Delta R.T. -0.00 min
Lab File: VU025204.D
Acq: 05 Jul 2018 10:08

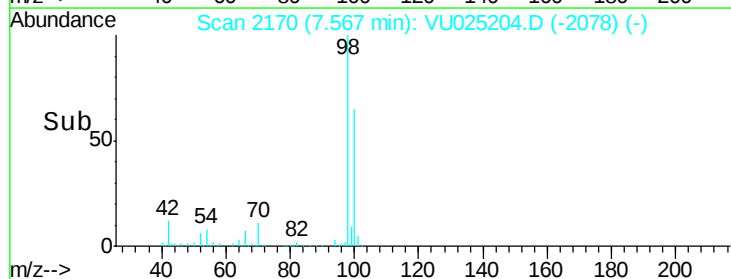
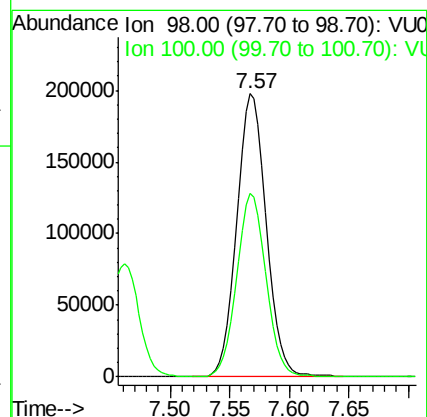
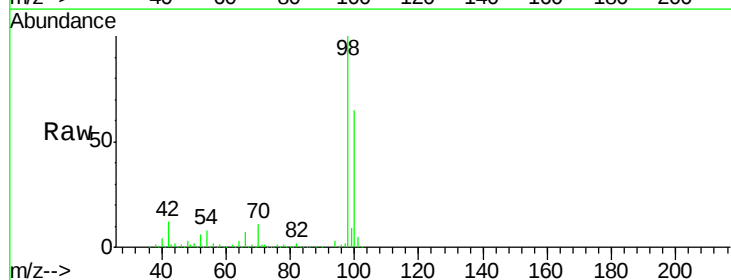
Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 88 Resp: 61097
Ion Ratio Lower Upper
88 100
43 32.7 28.6 42.8
58 70.7 58.2 87.4



#50
Toluene-d8
Concen: 44.74 ug/l
RT: 7.57 min Scan# 2170
Delta R.T. -0.00 min
Lab File: VU025204.D
Acq: 05 Jul 2018 10:08

Tgt Ion: 98 Resp: 340552
Ion Ratio Lower Upper
98 100
100 64.5 51.1 76.7

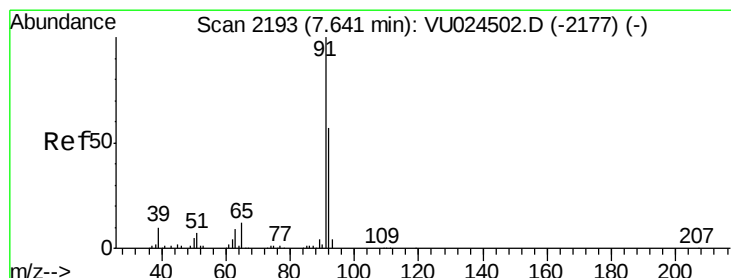
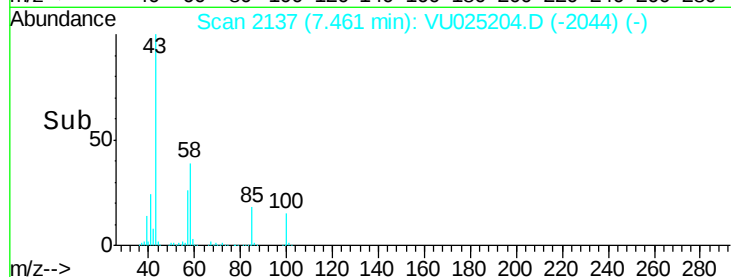
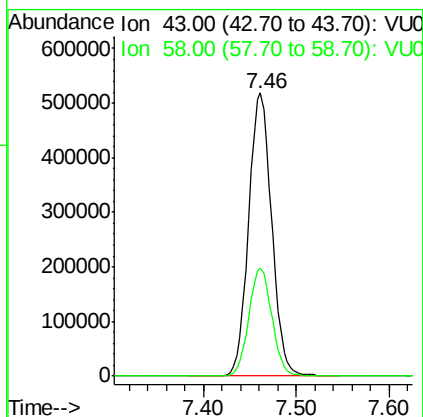
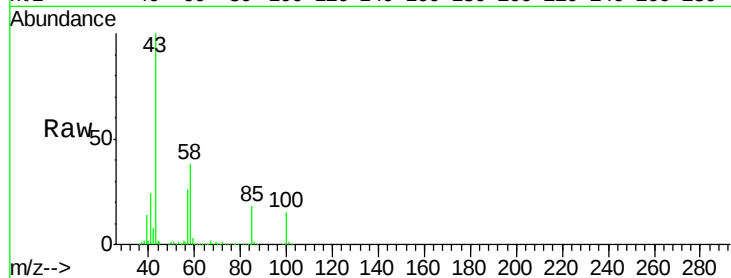




#51
 4-Methyl-2-Pentanone
 Concen: 255.16 ug/l
 RT: 7.46 min Scan# 2137
 Delta R.T. -0.00 min
 Lab File: VU025204.D
 Acq: 05 Jul 2018 10:08

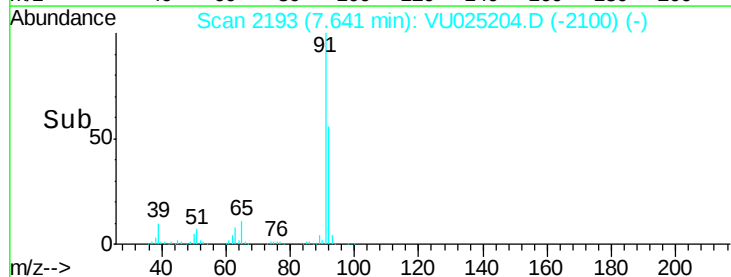
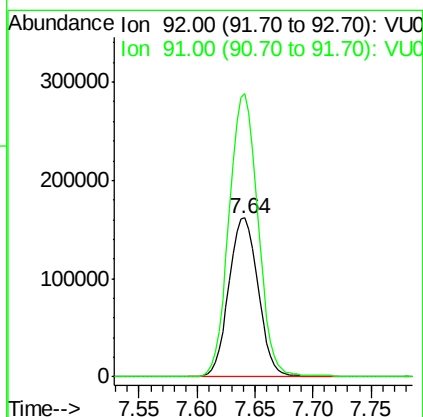
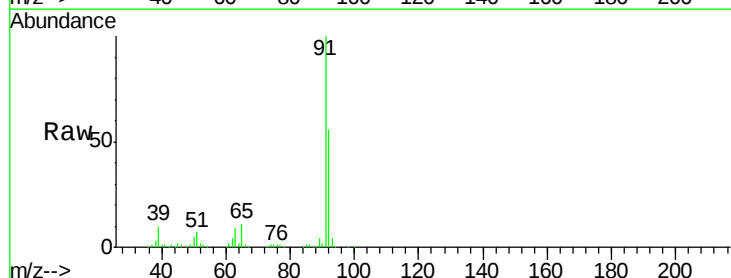
Instrument :
 MSVOA_U
 ClientSampled :

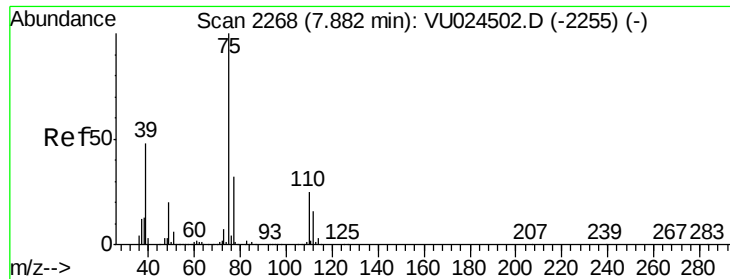
Tot Ion: 43 Resp: 892360
 Ion Ratio Lower Upper
 43 100
 58 38.4 30.0 45.0



#52
 Toluene
 Concen: 52.85 ug/l
 RT: 7.64 min Scan# 2193
 Delta R.T. -0.00 min
 Lab File: VU025204.D
 Acq: 05 Jul 2018 10:08

Tgt Ion: 92 Resp: 286258
 Ion Ratio Lower Upper
 92 100
 91 175.4 140.5 210.7





#53

t-1,3-Dichloropropene

Concen: 52.40 ug/l

RT: 7.88 min Scan# 2268

Delta R.T. -0.00 min

Lab File: VU025204.D

Acq: 05 Jul 2018 10:08

Instrument :

MSVOA_U

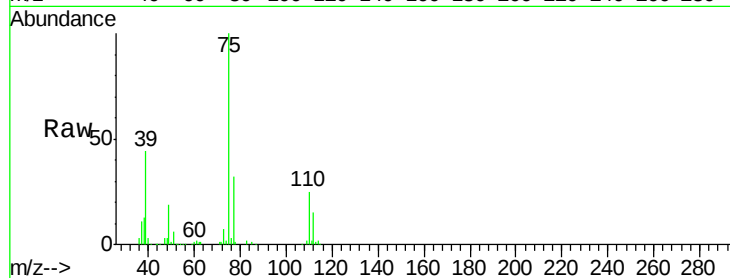
ClientSampled :

Tot Ion: 75 Resp: 184899

Ion Ratio Lower Upper

75 100

77 31.8 24.8 37.2



Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 76.90 (76.60 to 77.60): VU0

7.88

120000

100000

80000

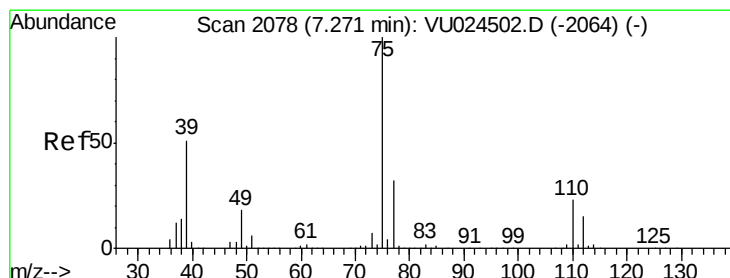
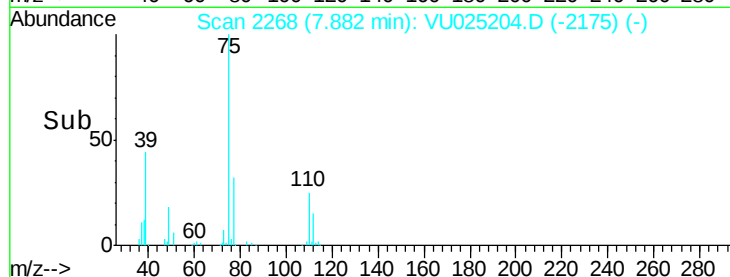
60000

40000

20000

0

Time--> 7.80 7.85 7.90 7.95



#54

cis-1,3-Dichloropropene

Concen: 51.43 ug/l

RT: 7.27 min Scan# 2078

Delta R.T. -0.00 min

Lab File: VU025204.D

Acq: 05 Jul 2018 10:08

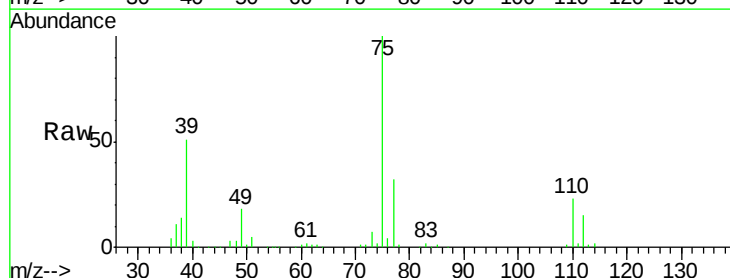
Tgt Ion: 75 Resp: 193386

Ion Ratio Lower Upper

75 100

77 32.4 24.6 36.8

39 51.2 39.8 59.6



Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 76.90 (76.60 to 77.60): VU0

Ion 39.00 (38.70 to 39.70): VU0

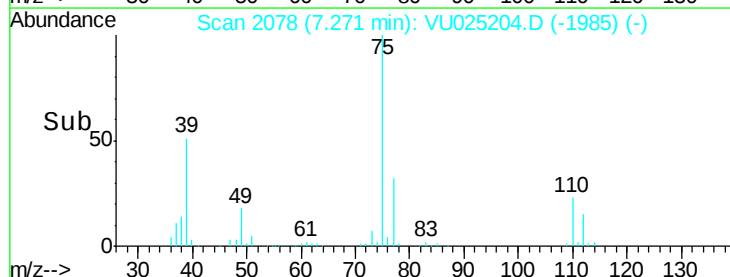
150000

100000

50000

0

Time--> 7.20 7.30 7.40

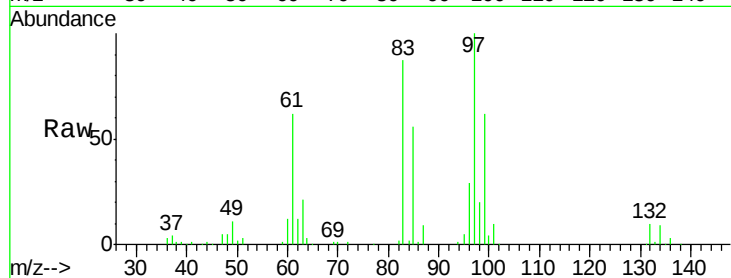




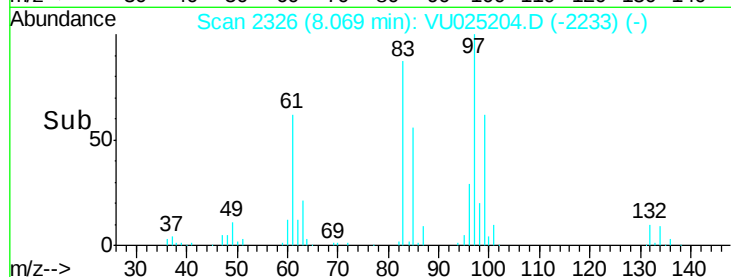
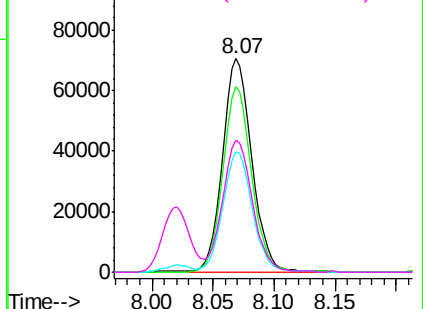
#55
1,1,2-Trichloroethane
Concen: 53.78 ug/l
RT: 8.07 min Scan# 2326
Delta R.T. -0.00 min
Lab File: VU025204.D
Acq: 05 Jul 2018 10:08

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion:	97	Resp:	118417
Ion	Ratio	Lower	Upper
97	100		
83	87.2	70.5	105.7
85	56.4	46.4	69.6
99	61.7	50.2	75.2

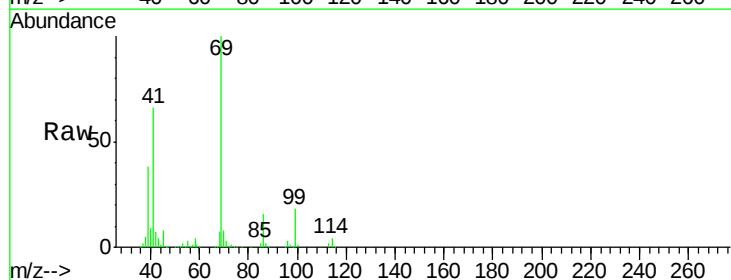


Abundance Ion 96.90 (96.60 to 97.60): VU0
Ion 82.90 (82.60 to 83.60): VU0
Ion 84.90 (84.60 to 85.60): VU0
Ion 98.90 (98.60 to 99.60): VU0

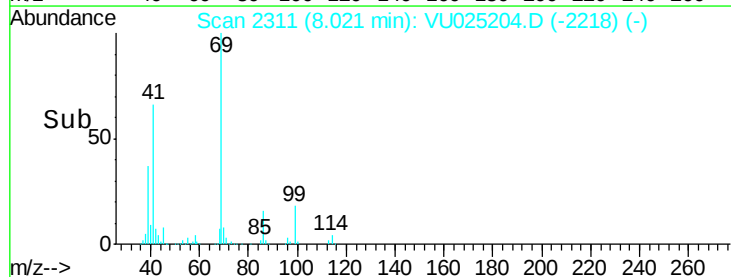
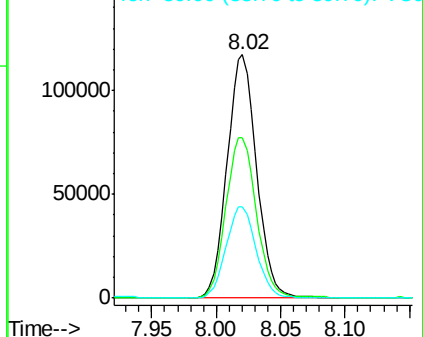


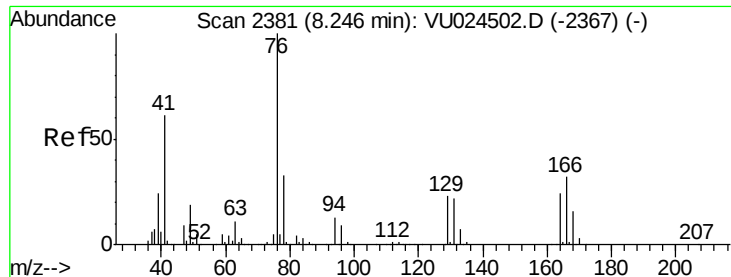
#56
Ethyl methacrylate
Concen: 50.62 ug/l
RT: 8.02 min Scan# 2311
Delta R.T. -0.00 min
Lab File: VU025204.D
Acq: 05 Jul 2018 10:08

Tgt Ion:	69	Resp:	186552
Ion	Ratio	Lower	Upper
69	100		
41	68.3	54.1	81.1
39	38.0	30.3	45.5



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

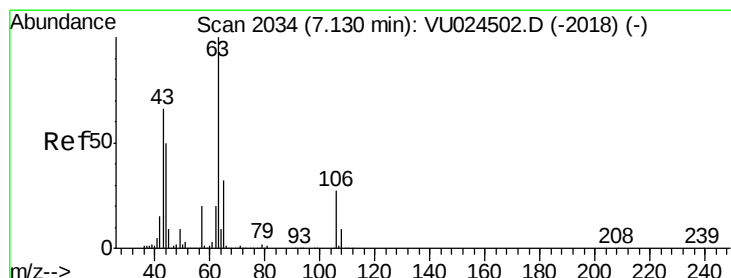
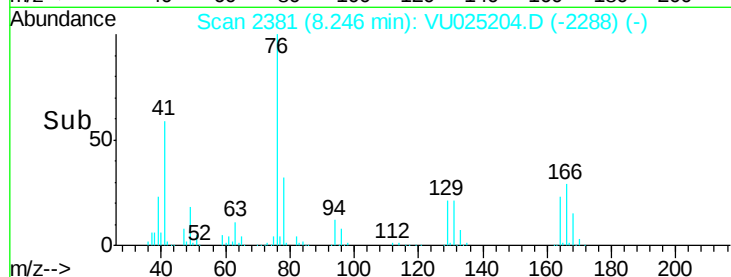
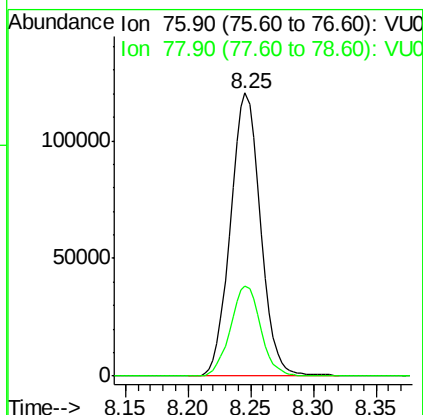
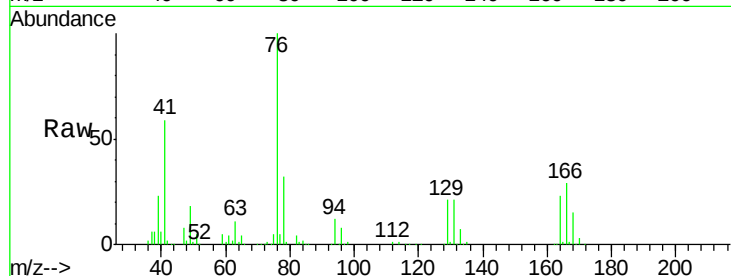




#57
 1,3-Dichloropropane
 Concen: 54.05 ug/l
 RT: 8.25 min Scan# 2381
 Delta R.T. -0.00 min
 Lab File: VU025204.D
 Acq: 05 Jul 2018 10:08

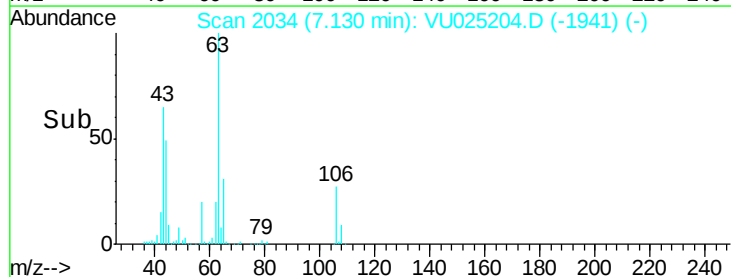
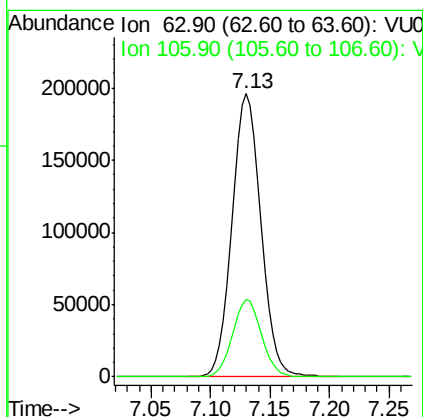
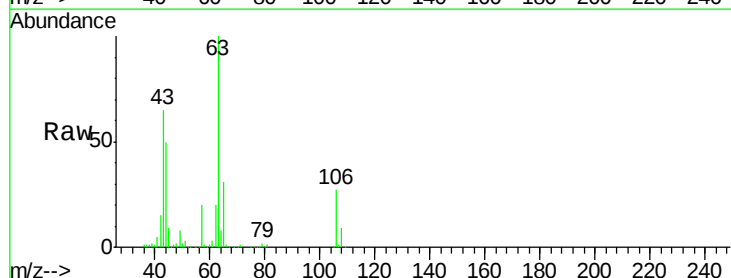
Instrument :
 MSVOA_U
 ClientSampleId :

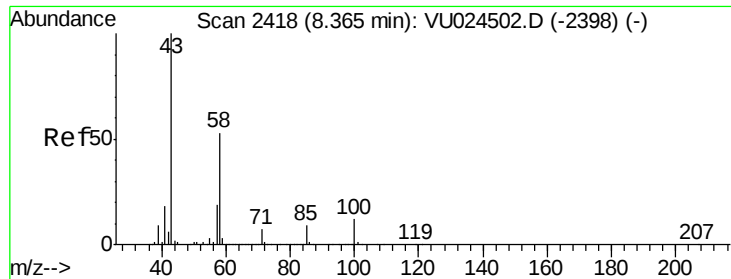
Tot Ion: 76 Resp: 200743
 Ion Ratio Lower Upper
 76 100
 78 32.1 25.2 37.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 234.10 ug/l
 RT: 7.13 min Scan# 2034
 Delta R.T. -0.00 min
 Lab File: VU025204.D
 Acq: 05 Jul 2018 10:08

Tgt Ion: 63 Resp: 330504
 Ion Ratio Lower Upper
 63 100
 106 27.4 20.2 30.2

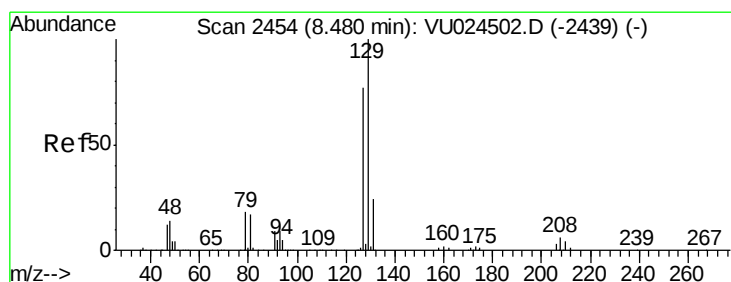
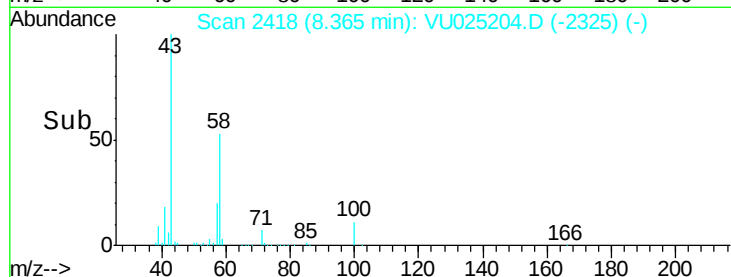
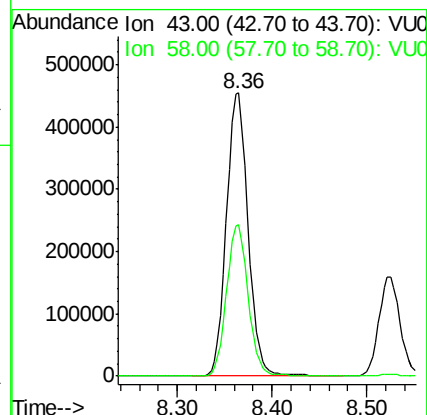
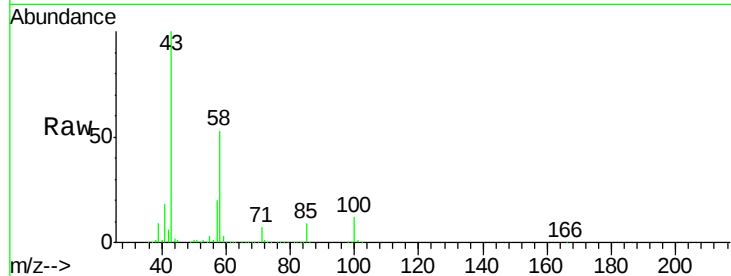




#59
2-Hexanone
Concen: 253.42 ug/l
RT: 8.36 min Scan# 2418
Delta R.T. -0.00 min
Lab File: VU025204.D
Acq: 05 Jul 2018 10:08

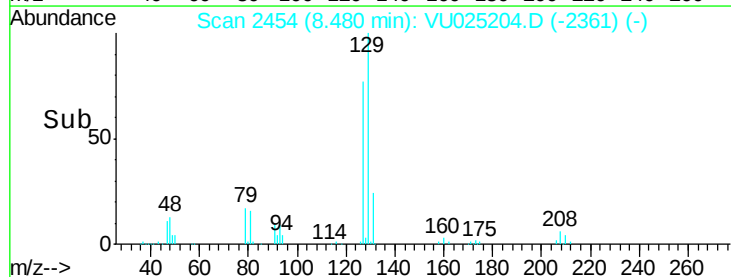
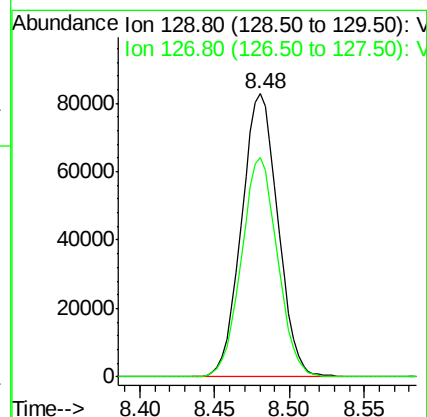
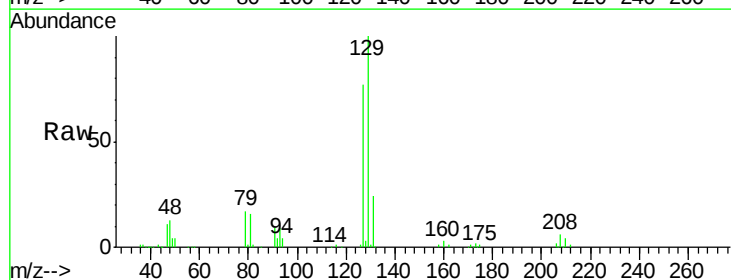
Instrument :
MSVOA_U
ClientSampled :

Tot Ion: 43 Resp: 723547
Ion Ratio Lower Upper
43 100
58 53.3 26.4 79.0



#60
Dibromochloromethane
Concen: 51.16 ug/l
RT: 8.48 min Scan# 2454
Delta R.T. -0.00 min
Lab File: VU025204.D
Acq: 05 Jul 2018 10:08

Tgt Ion: 129 Resp: 140470
Ion Ratio Lower Upper
129 100
127 76.5 38.6 116.0





#61

1,2-Dibromoethane

Concen: 52.96 ug/l

RT: 8.59 min Scan# 2488

Delta R.T. -0.00 min

Lab File: VU025204.D

Acq: 05 Jul 2018 10:08

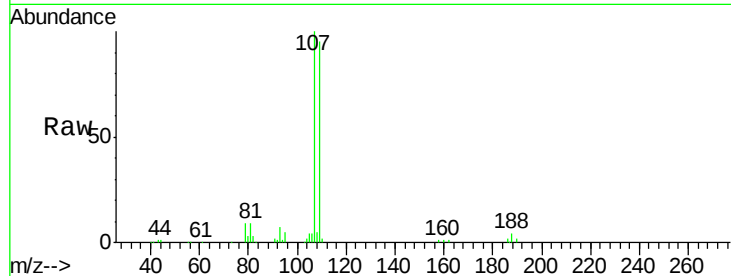
Instrument :
MSVOA_U
ClientSampleId :

Tot Ion:107 Resp: 129777

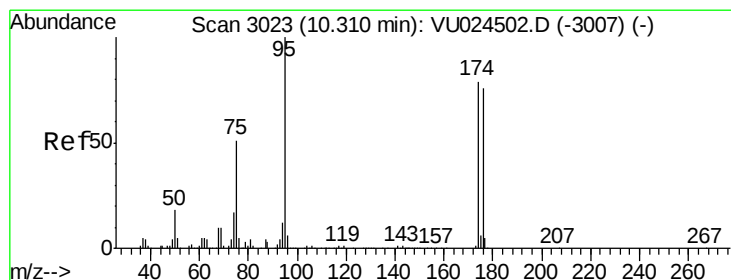
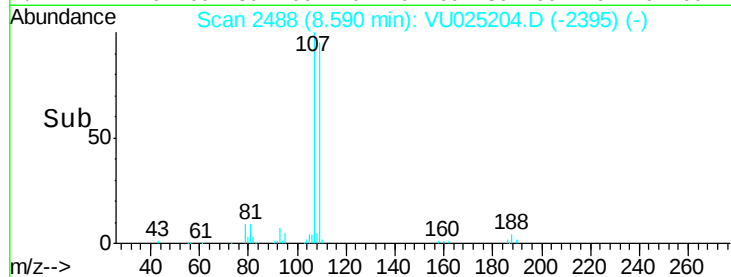
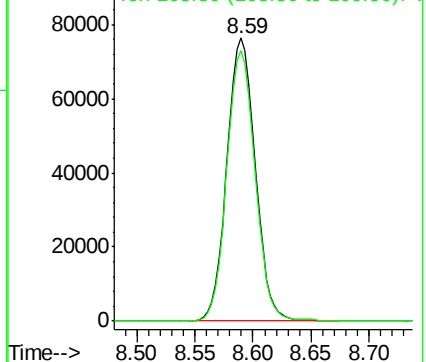
Ion Ratio Lower Upper

107 100

109 95.2 74.5 111.7



Abundance Ion 106.90 (106.60 to 107.60): V
Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 50.10 ug/l

RT: 10.31 min Scan# 3023

Delta R.T. -0.00 min

Lab File: VU025204.D

Acq: 05 Jul 2018 10:08

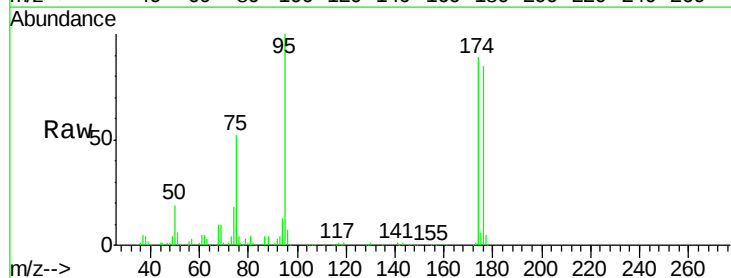
Tgt Ion: 95 Resp: 151417

Ion Ratio Lower Upper

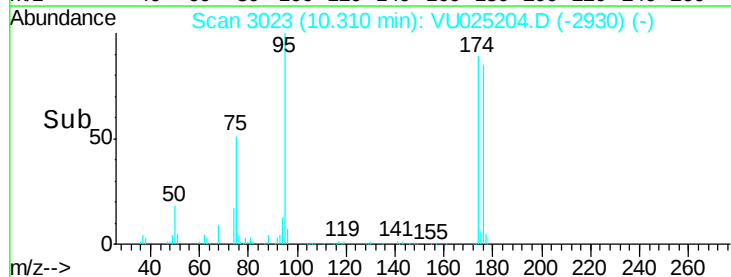
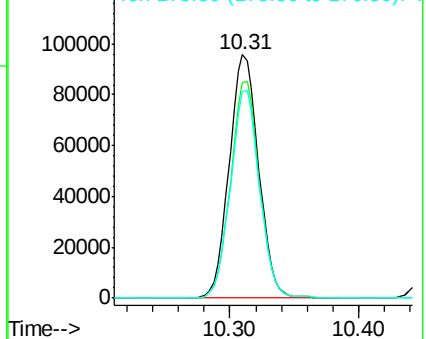
95 100

174 87.3 0.0 165.8

176 84.2 0.0 159.4



Abundance Ion 94.90 (94.60 to 95.60): VU0
Ion 173.80 (173.50 to 174.50): V
Ion 175.80 (175.50 to 176.50): V

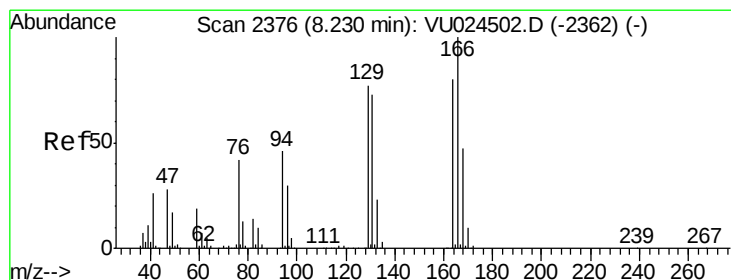
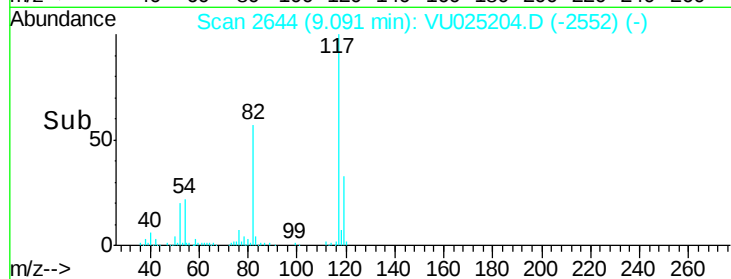
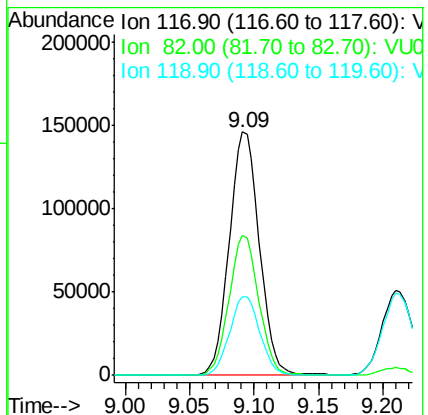
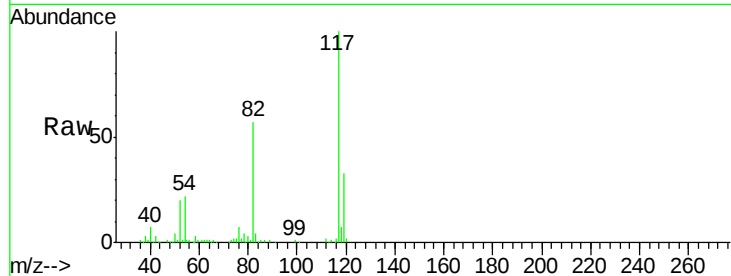




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.09 min Scan# 2644
Delta R.T. -0.00 min
Lab File: VU025204.D
Acq: 05 Jul 2018 10:08

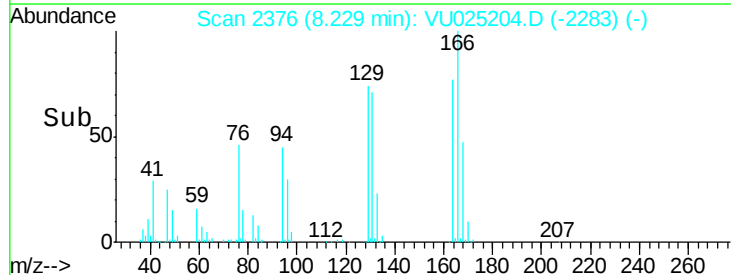
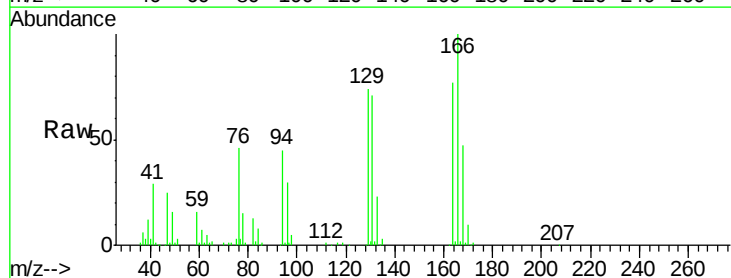
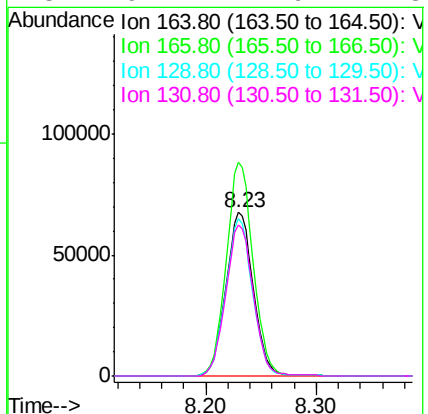
Instrument :
MSVOA_U
ClientSampleId :

Tot Ion:117 Resp: 236371
Ion Ratio Lower Upper
117 100
82 57.4 44.3 66.5
119 32.5 25.4 38.2



#64
Tetrachloroethene
Concen: 51.80 ug/l
RT: 8.23 min Scan# 2376
Delta R.T. -0.00 min
Lab File: VU025204.D
Acq: 05 Jul 2018 10:08

Tgt Ion:164 Resp: 116383
Ion Ratio Lower Upper
164 100
166 130.6 101.7 152.5
129 96.1 76.9 115.3
131 92.1 74.9 112.3

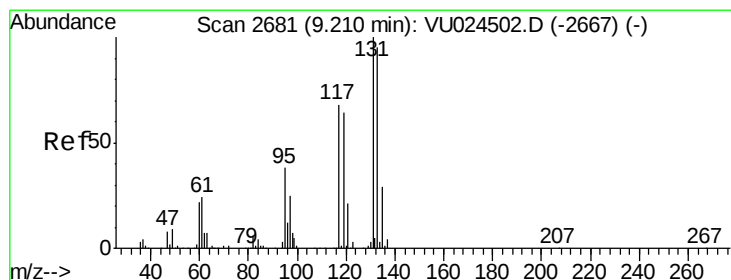
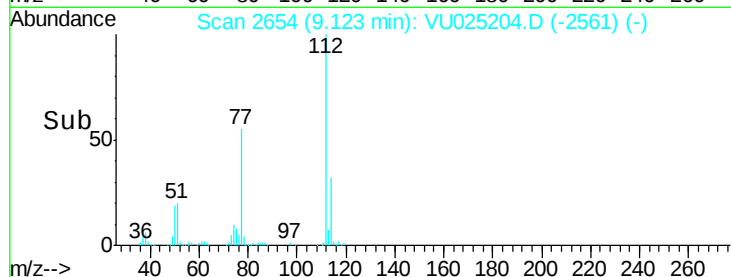
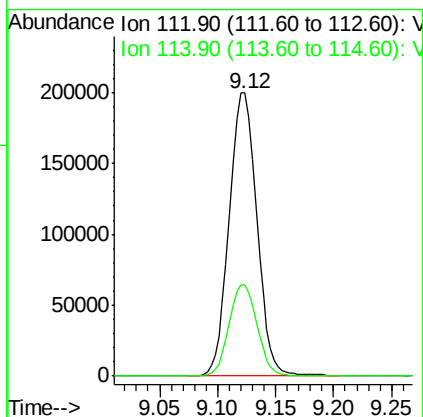
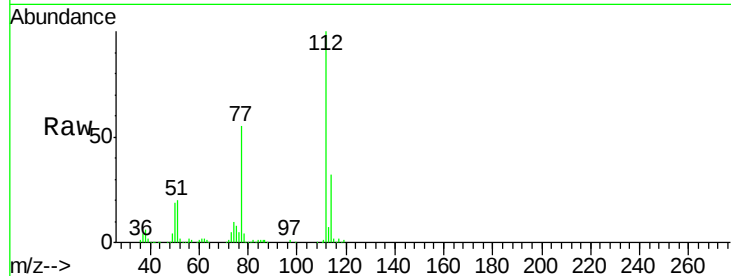




#65
Chlorobenzene
Concen: 54.73 ug/l
RT: 9.12 min Scan# 2654
Delta R.T. -0.00 min
Lab File: VU025204.D
Acq: 05 Jul 2018 10:08

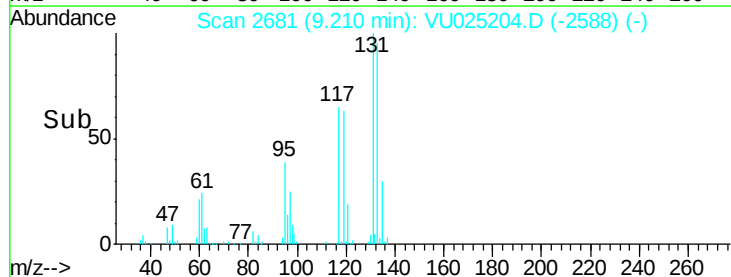
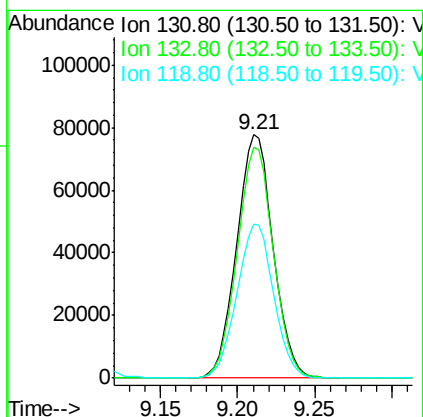
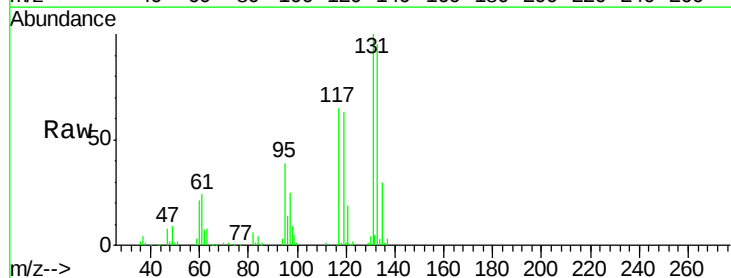
Instrument :
MSVOA_U
ClientSampleId :

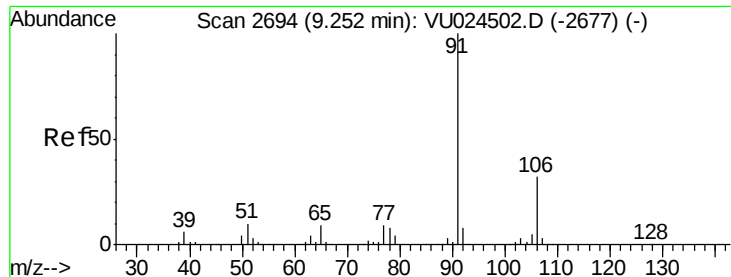
Tot Ion:112 Resp: 330453
Ion Ratio Lower Upper
112 100
114 32.4 25.6 38.4



#66
1,1,1,2-Tetrachloroethane
Concen: 55.43 ug/l
RT: 9.21 min Scan# 2681
Delta R.T. -0.00 min
Lab File: VU025204.D
Acq: 05 Jul 2018 10:08

Tgt Ion:131 Resp: 127162
Ion Ratio Lower Upper
131 100
133 94.4 46.9 140.8
119 63.8 33.5 100.4

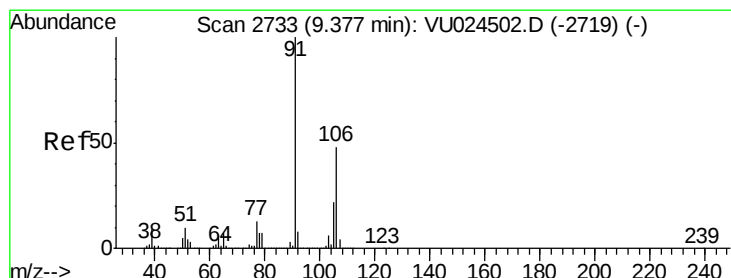
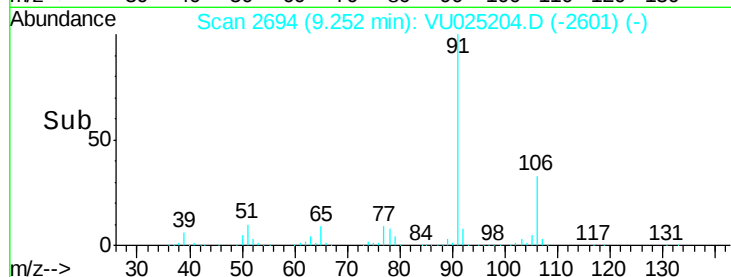
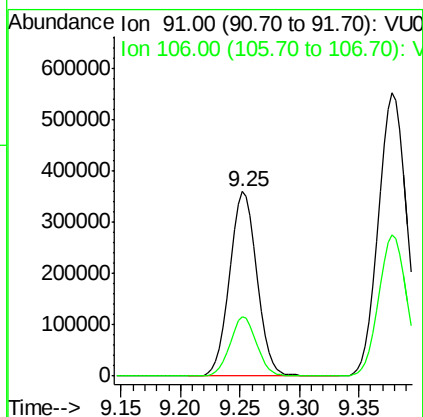
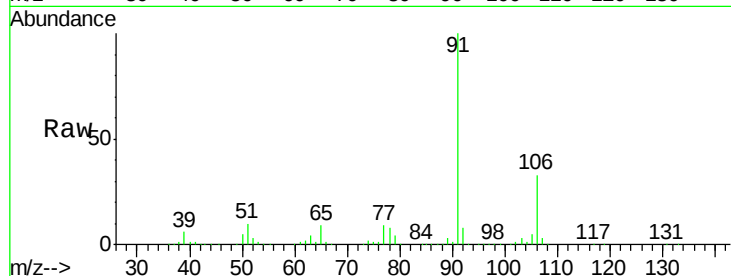




#67
Ethyl Benzene
Concen: 54.17 ug/l
RT: 9.25 min Scan# 2694
Delta R.T. -0.00 min
Lab File: VU025204.D
Acq: 05 Jul 2018 10:08

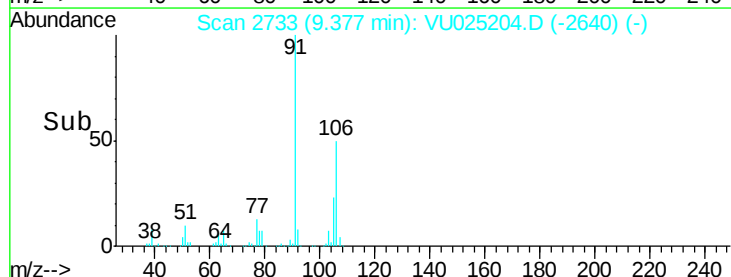
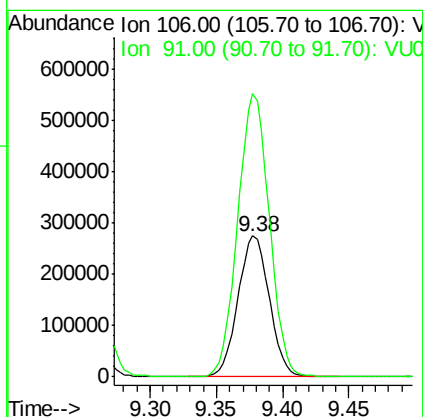
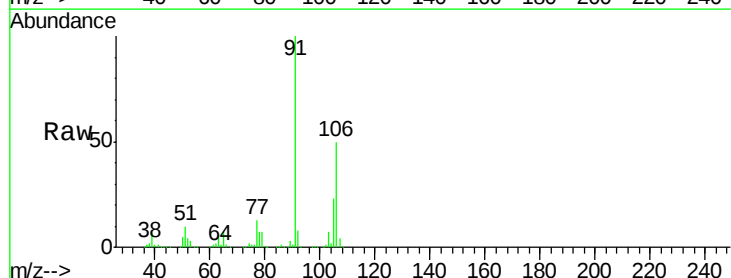
Instrument :
MSVOA_U
ClientSampled :

Tot Ion: 91 Resp: 573386
Ion Ratio Lower Upper
91 100
106 32.6 24.2 36.4



#68
m/p-Xylenes
Concen: 110.90 ug/l
RT: 9.38 min Scan# 2733
Delta R.T. -0.00 min
Lab File: VU025204.D
Acq: 05 Jul 2018 10:08

Tgt Ion: 106 Resp: 450789
Ion Ratio Lower Upper
106 100
91 203.2 166.5 249.7

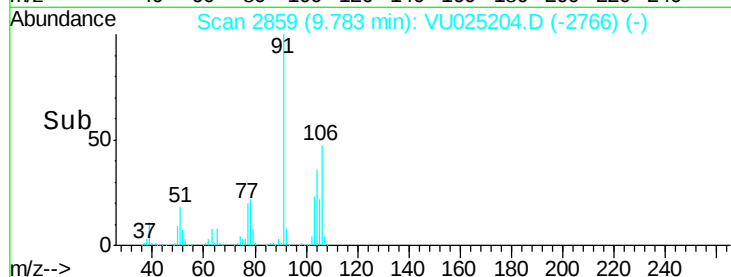
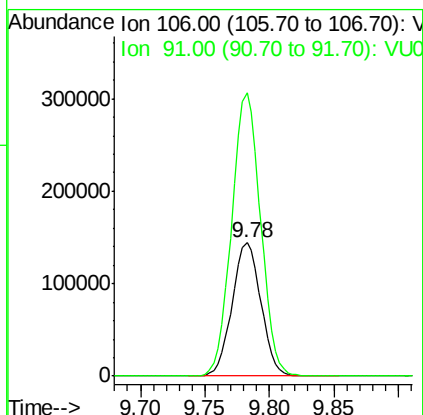
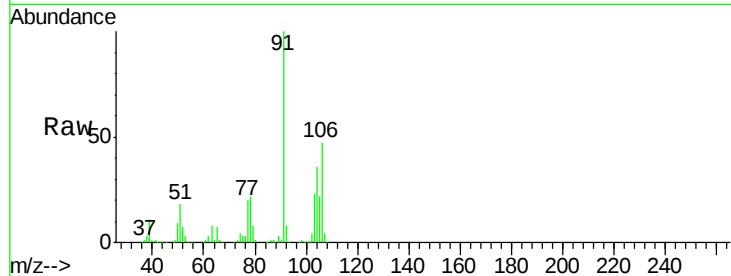




#69
o-Xylene
Concen: 55.63 ug/l
RT: 9.78 min Scan# 2859
Delta R.T. -0.00 min
Lab File: VU025204.D
Acq: 05 Jul 2018 10:08

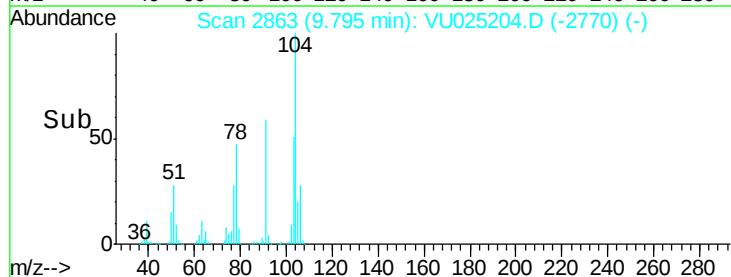
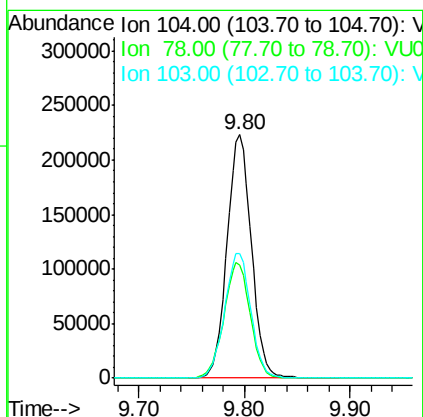
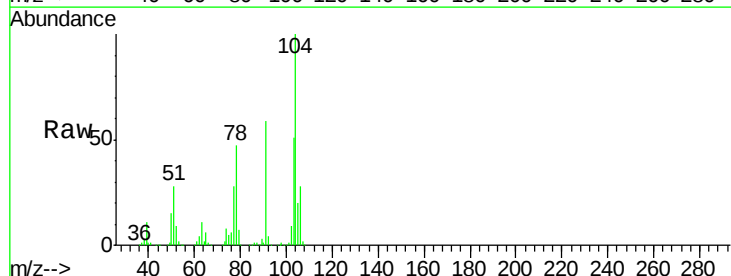
Instrument :
MSVOA_U
ClientSampled :

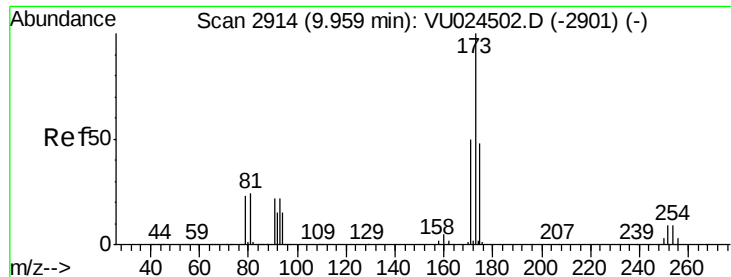
Tot Ion:106 Resp: 223790
Ion Ratio Lower Upper
106 100
91 213.1 110.7 331.9



#70
Styrene
Concen: 53.96 ug/l
RT: 9.80 min Scan# 2863
Delta R.T. -0.00 min
Lab File: VU025204.D
Acq: 05 Jul 2018 10:08

Tgt Ion:104 Resp: 356717
Ion Ratio Lower Upper
104 100
78 51.1 40.6 60.8
103 55.2 44.7 67.1





#71

Bromoform

Concen: 51.54 ug/l

RT: 9.96 min Scan# 2915

Delta R.T. 0.00 min

Lab File: VU025204.D

Acq: 05 Jul 2018 10:08

Instrument :
MSVOA_U
ClientSampleId :

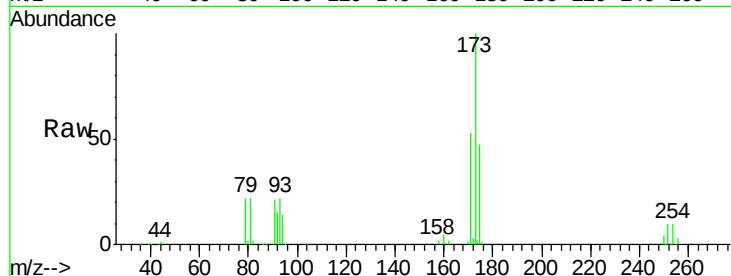
Tot Ion:173 Resp: 112394

Ion Ratio Lower Upper

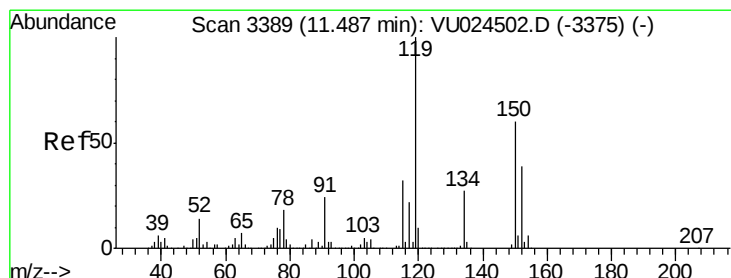
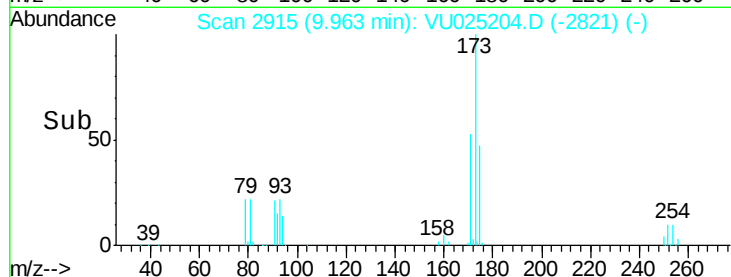
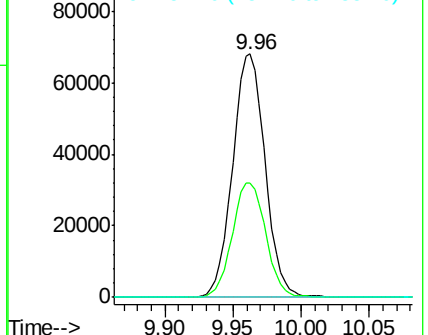
173 100

175 48.6 24.6 74.0

254 0.1 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: 50.00 ug/l

RT: 11.49 min Scan# 3389

Delta R.T. -0.00 min

Lab File: VU025204.D

Acq: 05 Jul 2018 10:08

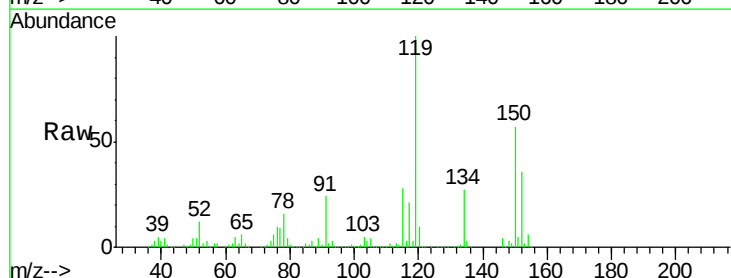
Tgt Ion:152 Resp: 149368

Ion Ratio Lower Upper

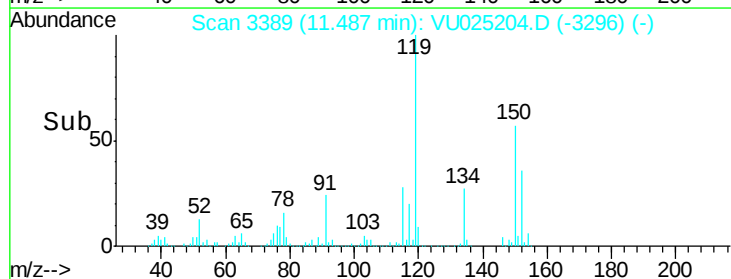
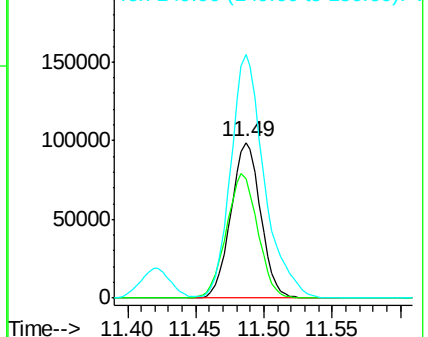
152 100

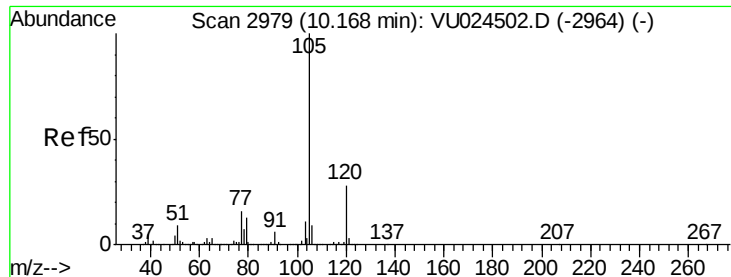
115 84.4 43.0 129.0

150 177.0 0.0 354.0



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





#73

Isopropylbenzene

Concen: 52.46 ug/l

RT: 10.17 min Scan# 2979

Delta R.T. -0.00 min

Lab File: VU025204.D

Acq: 05 Jul 2018 10:08

Instrument :

MSVOA_U

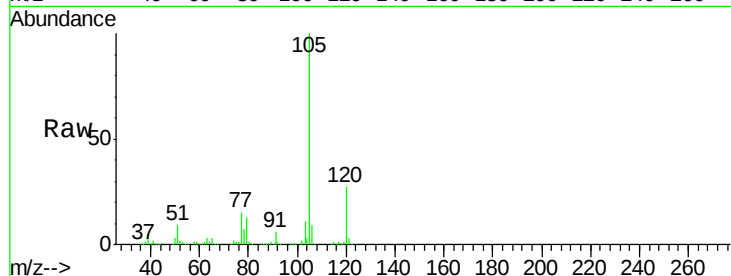
ClientSampleId :

Tot Ion:105 Resp: 601607

Ion Ratio Lower Upper

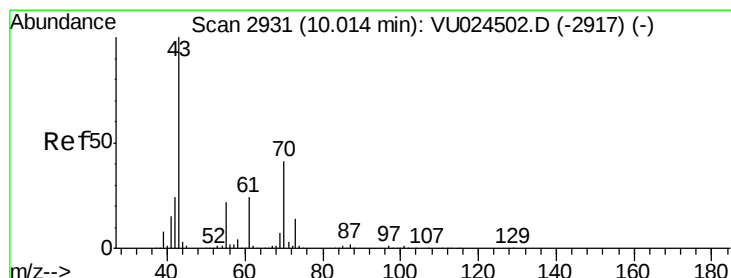
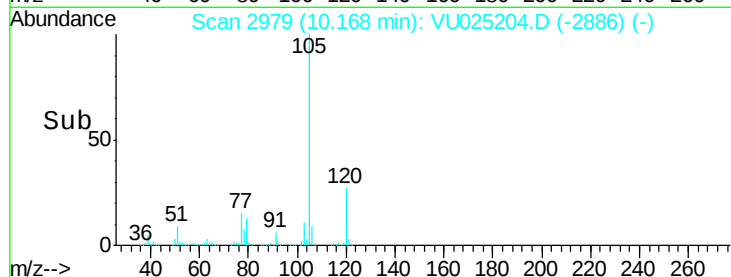
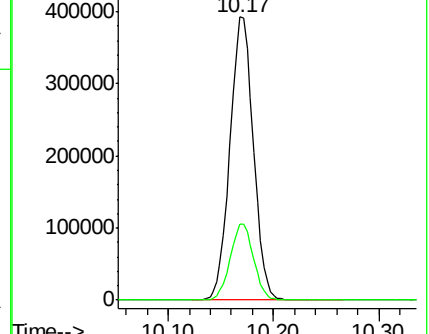
105 100

120 26.7 13.2 39.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 46.09 ug/l

RT: 10.01 min Scan# 2931

Delta R.T. -0.00 min

Lab File: VU025204.D

Acq: 05 Jul 2018 10:08

Tgt Ion: 43 Resp: 251426

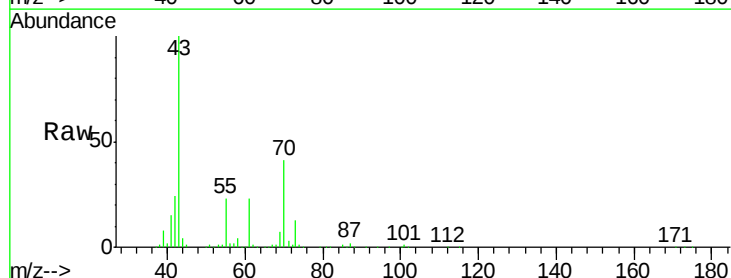
Ion Ratio Lower Upper

43 100

70 41.0 32.2 48.4

55 23.4 20.5 30.7

61 23.5 18.7 28.1

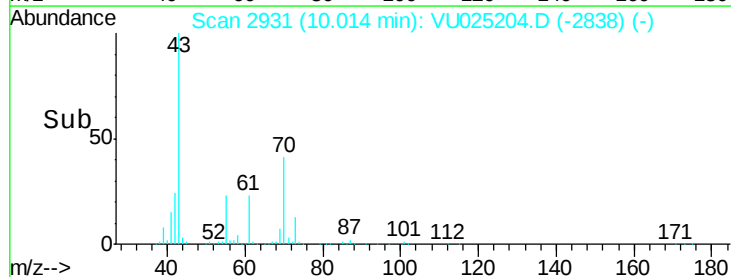
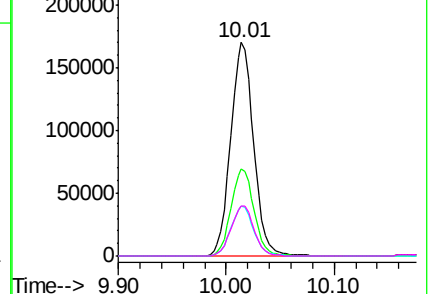


Abundance Ion 43.00 (42.70 to 43.70): VU0

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





#75

1,1,2,2-Tetrachloroethane

Concen: 50.83 ug/l

RT: 10.46 min Scan# 3070

Delta R.T. -0.00 min

Lab File: VU025204.D

Acq: 05 Jul 2018 10:08

Instrument :

MSVOA_U

ClientSampleId :

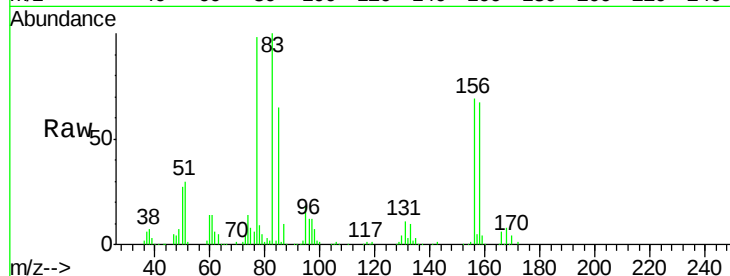
Tot Ion: 83 Resp: 195326

Ion Ratio Lower Upper

83 100

131 10.3 4.7 14.1

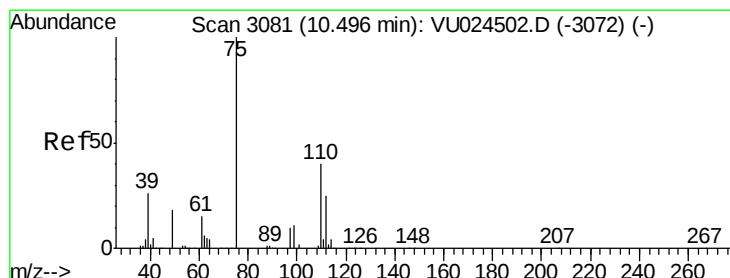
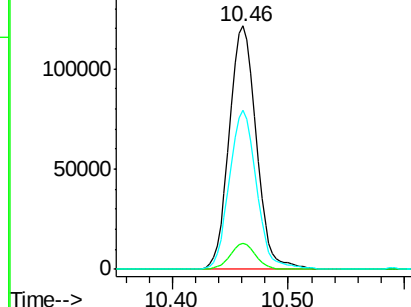
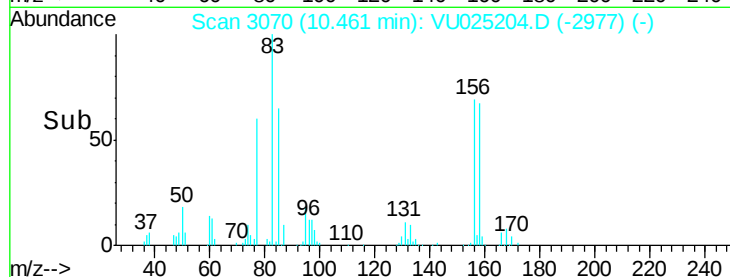
85 65.6 32.5 97.5



Abundance Ion 82.90 (82.60 to 83.60): VU025204.D (-2977) (-)

Ion 130.80 (130.50 to 131.50): VU025204.D (-2977) (-)

Ion 84.90 (84.60 to 85.60): VU025204.D (-2977) (-)



#76

1,2,3-Trichloropropane

Concen: 72.02 ug/l

RT: 10.50 min Scan# 3081

Delta R.T. -0.00 min

Lab File: VU025204.D

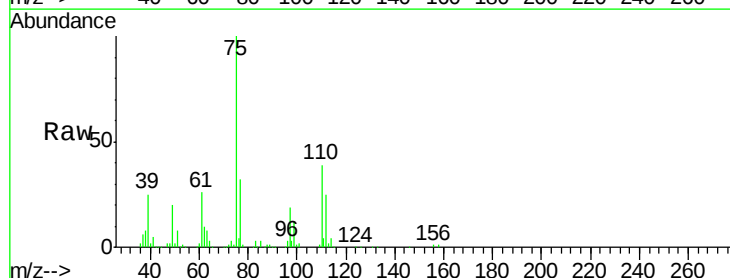
Acq: 05 Jul 2018 10:08

Tgt Ion: 75 Resp: 236832

Ion Ratio Lower Upper

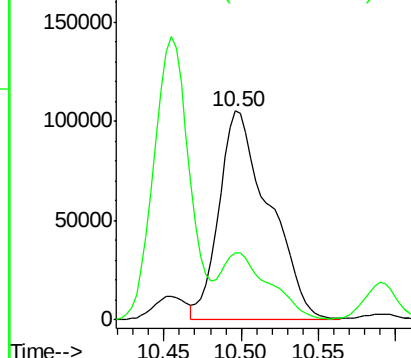
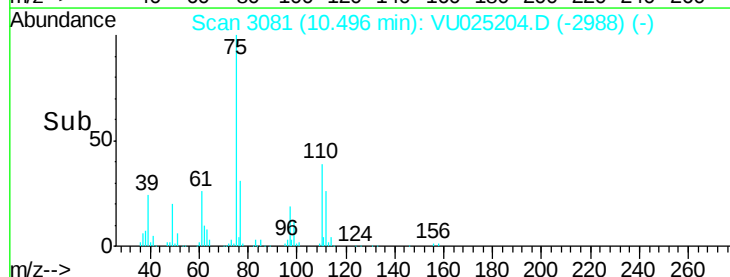
75 100

77 29.8 20.9 62.7



Abundance Ion 74.90 (74.60 to 75.60): VU025204.D (-2988) (-)

Ion 77.00 (76.70 to 77.70): VU025204.D (-2988) (-)





#77

Bromobenzene

Concen: 53.29 ug/l

RT: 10.45 min Scan# 3068

Delta R.T. -0.00 min

Lab File: VU025204.D

Acq: 05 Jul 2018 10:08

Instrument :

MSVOA_U

ClientSampled :

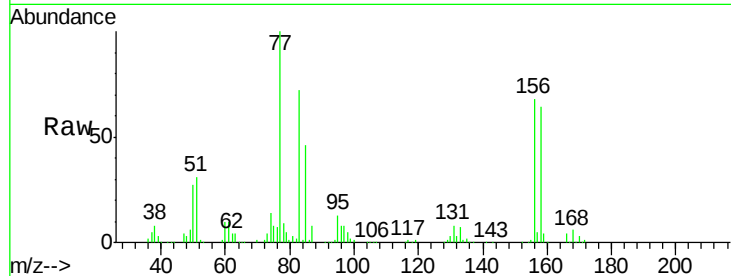
Tot Ion:156 Resp: 154705

Ion Ratio Lower Upper

156 100

77 147.3 80.5 241.3

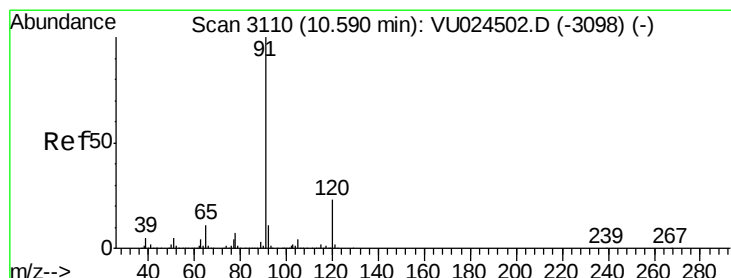
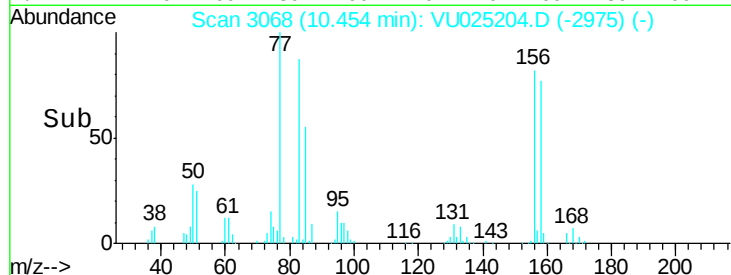
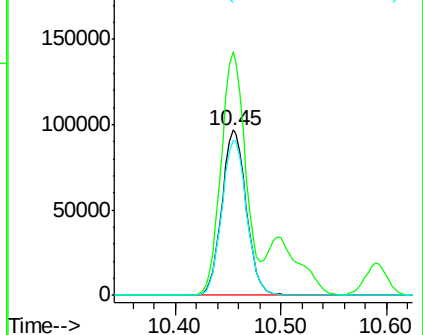
158 95.5 48.2 144.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VU0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 51.56 ug/l

RT: 10.59 min Scan# 3110

Delta R.T. -0.00 min

Lab File: VU025204.D

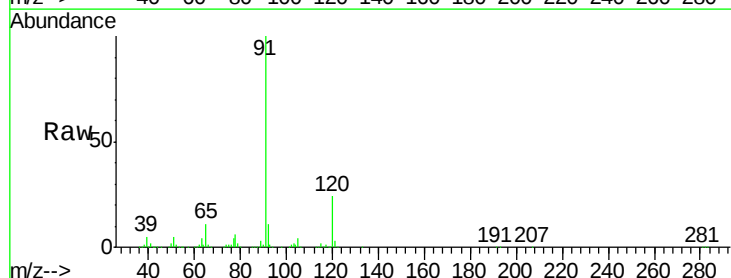
Acq: 05 Jul 2018 10:08

Tgt Ion: 91 Resp: 696492

Ion Ratio Lower Upper

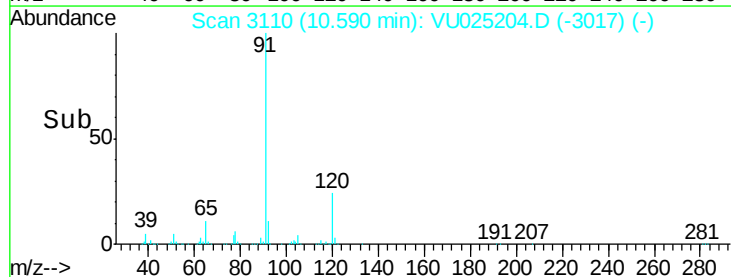
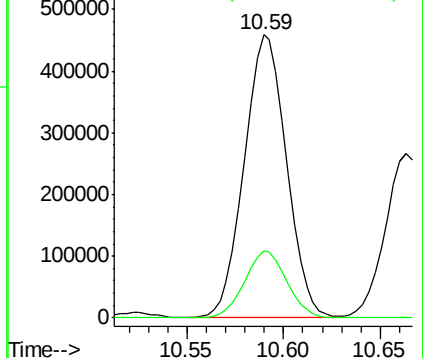
91 100

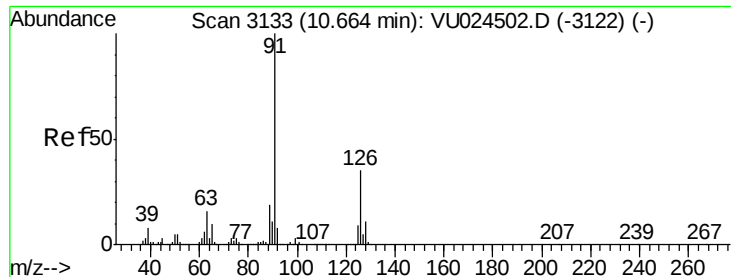
120 23.7 11.2 33.5



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 51.41 ug/l

RT: 10.66 min Scan# 3133

Delta R.T. -0.00 min

Lab File: VU025204.D

Acq: 05 Jul 2018 10:08

Instrument :

MSVOA_U

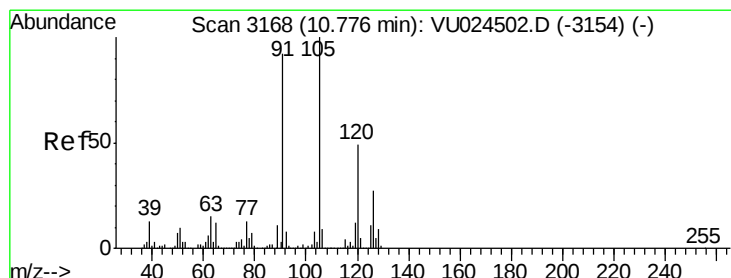
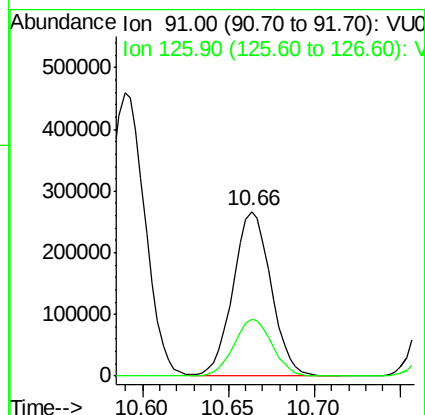
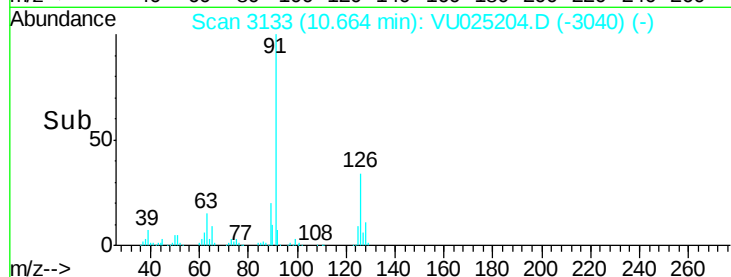
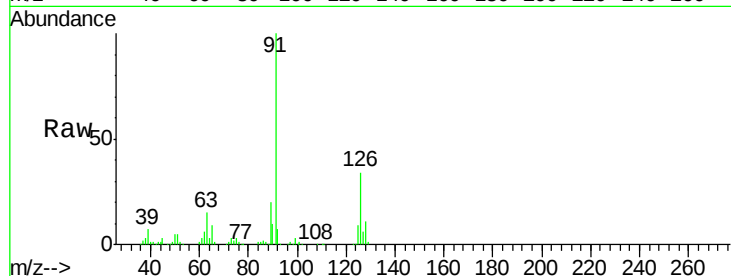
ClientSampleId :

Tot Ion: 91 Resp: 409580

Ion Ratio Lower Upper

91 100

126 34.9 16.9 50.7



#80

1,3,5-Trimethylbenzene

Concen: 52.84 ug/l

RT: 10.78 min Scan# 3168

Delta R.T. -0.00 min

Lab File: VU025204.D

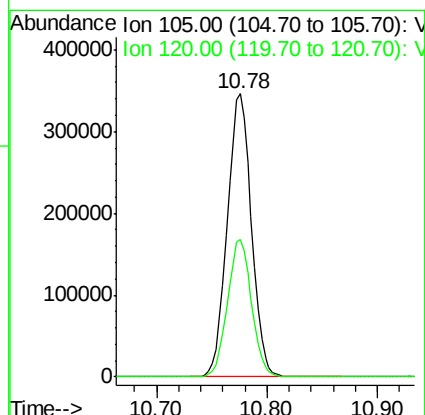
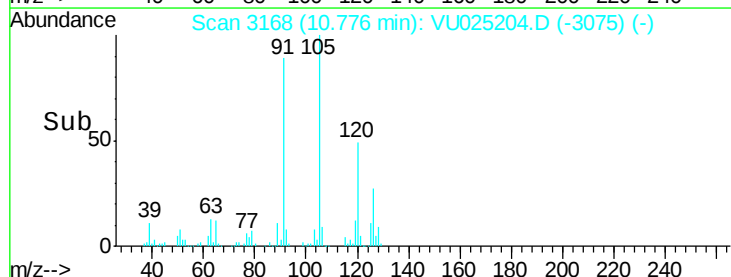
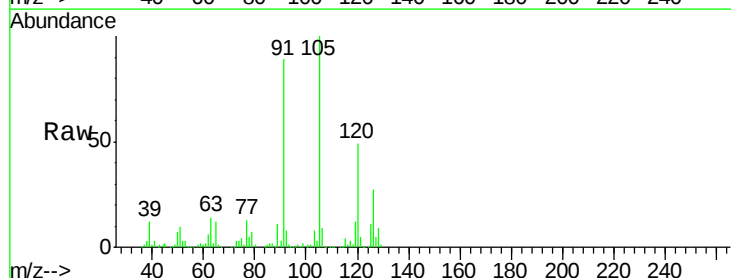
Acq: 05 Jul 2018 10:08

Tgt Ion:105 Resp: 525188

Ion Ratio Lower Upper

105 100

120 48.3 24.1 72.2

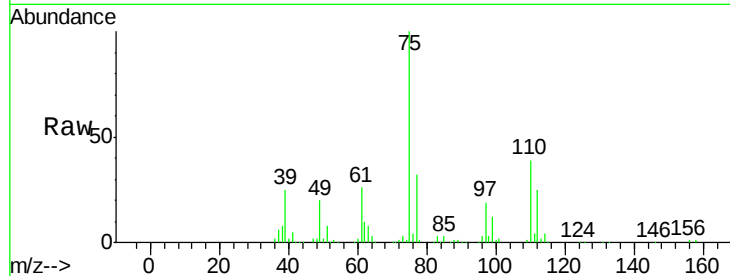




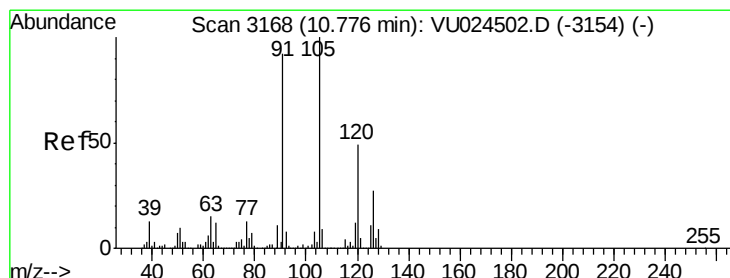
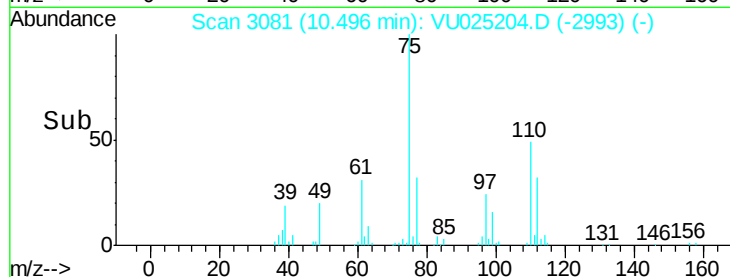
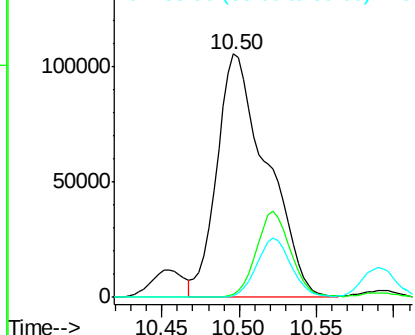
#81
trans-1,4-Dichloro-2-butene
Concen: 166.68 ug/l
RT: 10.50 min Scan# 3081
Delta R.T. -0.02 min
Lab File: VU025204.D
Acq: 05 Jul 2018 10:08

Instrument :
MSVOA_U
ClientSampled :

Tot Ion: 75 Resp: 236838
Ion Ratio Lower Upper
75 100
53 0.0 0.0 0.0
89 0.0 0.0 0.0

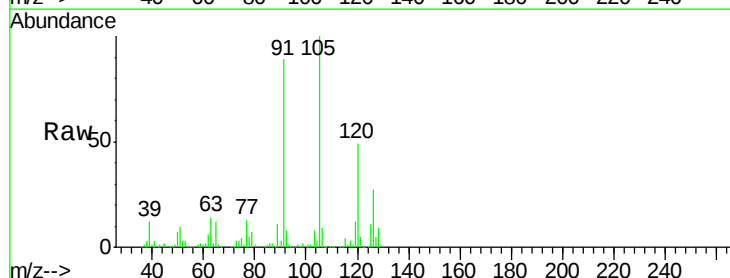


Abundance Ion 74.90 (74.60 to 75.60): VU0
Ion 53.00 (52.70 to 53.70): VU0
Ion 88.90 (88.60 to 89.60): VU0

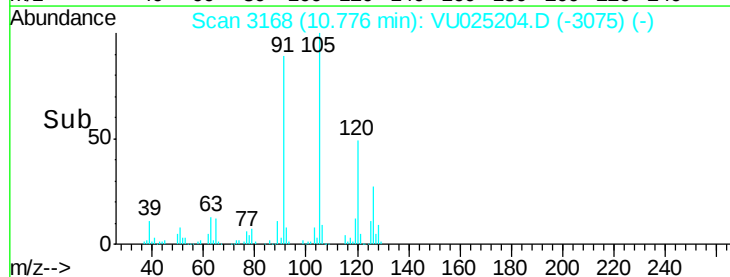
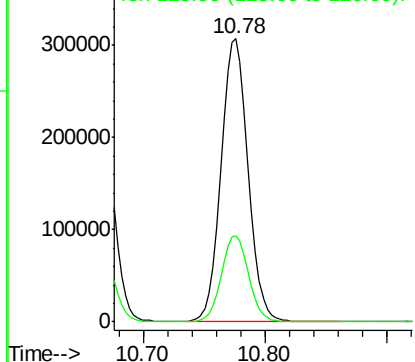


#82
4-Chlorotoluene
Concen: 51.49 ug/l
RT: 10.78 min Scan# 3168
Delta R.T. -0.00 min
Lab File: VU025204.D
Acq: 05 Jul 2018 10:08

Tgt Ion: 91 Resp: 477441
Ion Ratio Lower Upper
91 100
126 30.9 14.9 44.9



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





#83

tert-Butylbenzene

Concen: 54.37 ug/l

RT: 11.10 min Scan# 3270

Delta R.T. -0.00 min

Lab File: VU025204.D

Acq: 05 Jul 2018 10:08

Instrument :

MSVOA_U

ClientSampled :

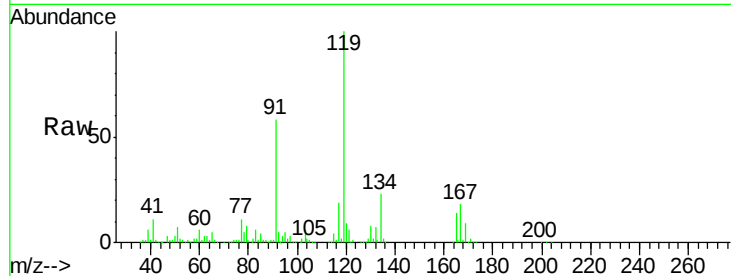
Tot Ion:119 Resp: 519818

Ion Ratio Lower Upper

119 100

91 58.2 29.7 89.1

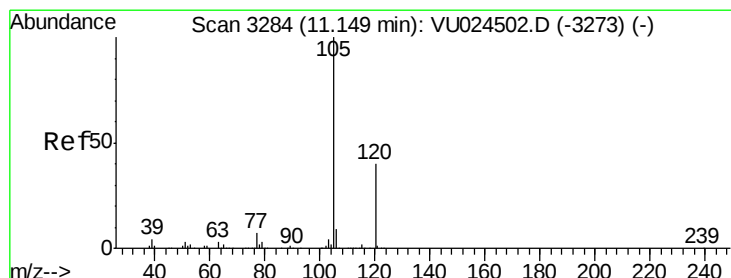
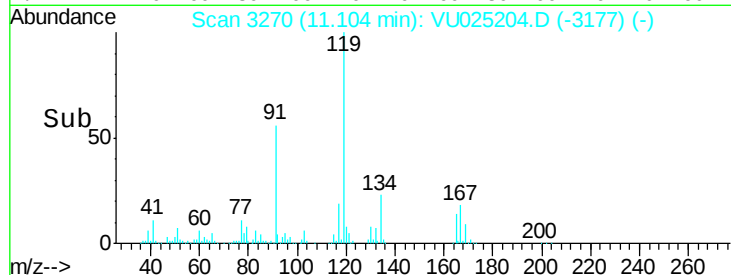
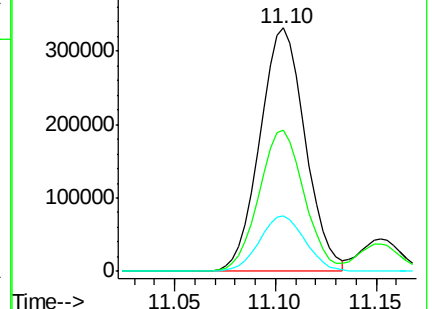
134 22.9 11.6 34.7



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 52.81 ug/l

RT: 11.15 min Scan# 3285

Delta R.T. 0.00 min

Lab File: VU025204.D

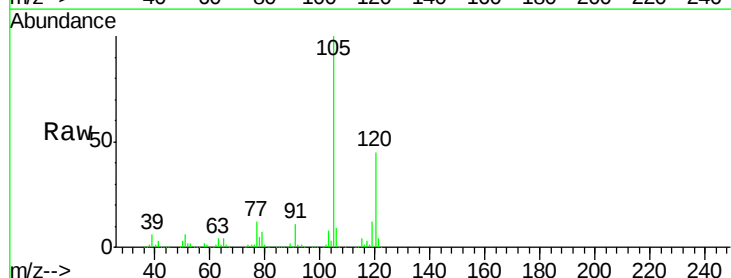
Acq: 05 Jul 2018 10:08

Tgt Ion:105 Resp: 534970

Ion Ratio Lower Upper

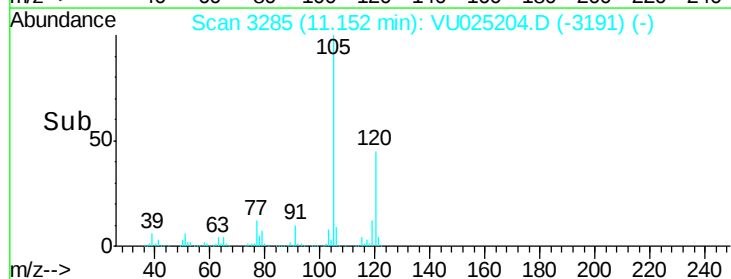
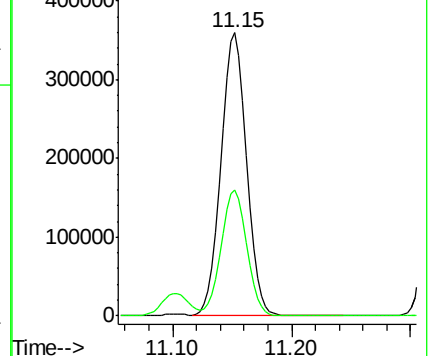
105 100

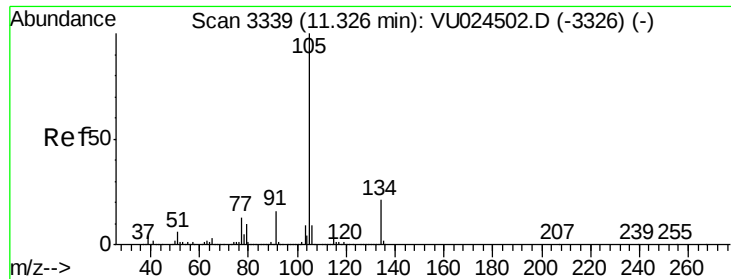
120 44.8 22.6 67.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 52.79 ug/l

RT: 11.33 min Scan# 3339

Delta R.T. -0.00 min

Lab File: VU025204.D

Acq: 05 Jul 2018 10:08

Instrument :

MSVOA_U

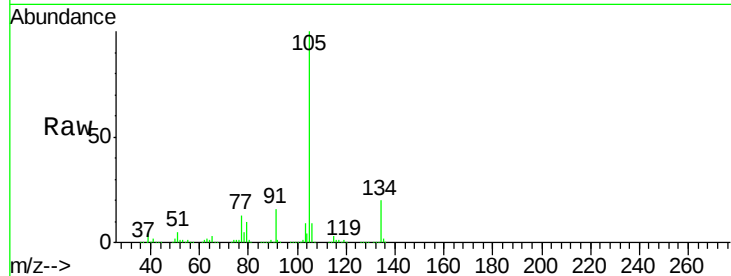
ClientSampled :

Tot Ion:105 Resp: 631746

Ion Ratio Lower Upper

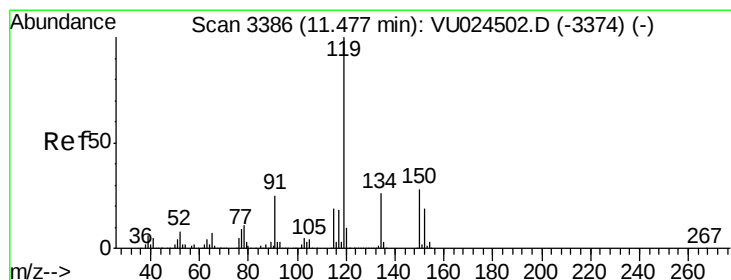
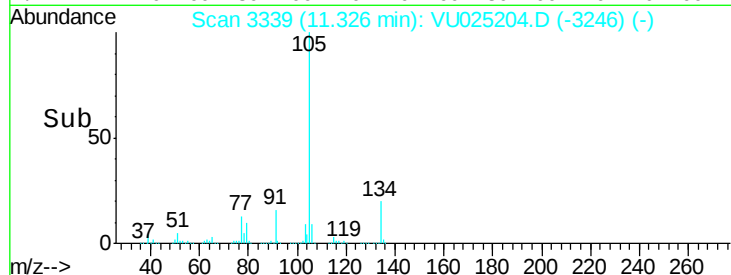
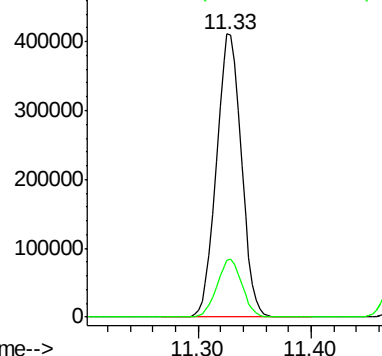
105 100

134 20.3 9.7 29.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 52.67 ug/l

RT: 11.48 min Scan# 3386

Delta R.T. -0.00 min

Lab File: VU025204.D

Acq: 05 Jul 2018 10:08

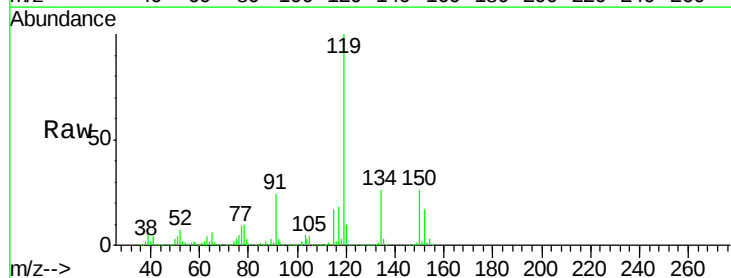
Tgt Ion:119 Resp: 564519

Ion Ratio Lower Upper

119 100

134 26.3 12.9 38.6

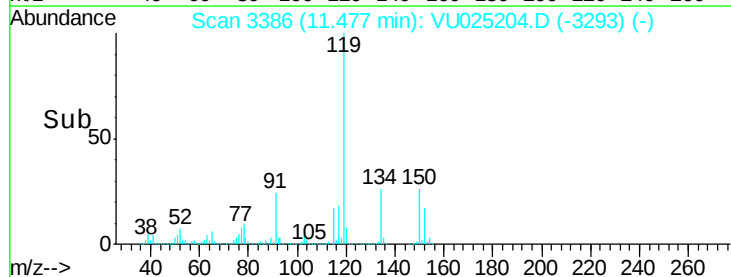
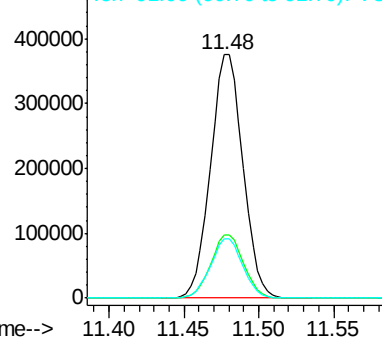
91 24.2 12.0 36.1

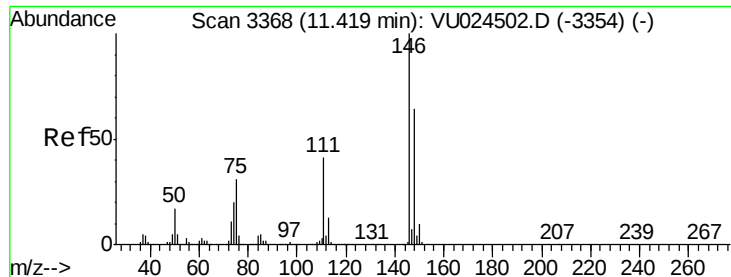


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VU0

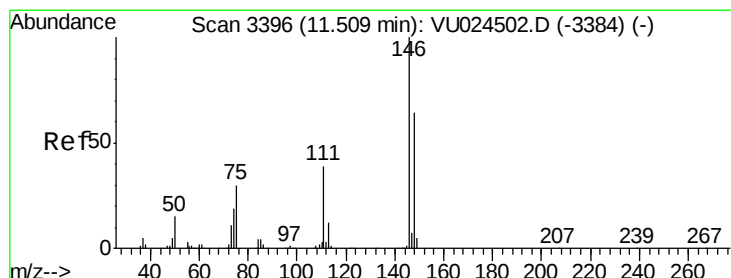
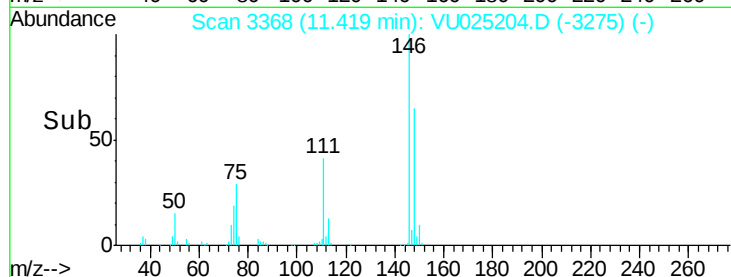
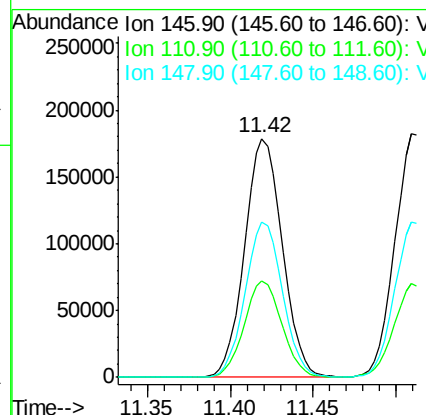
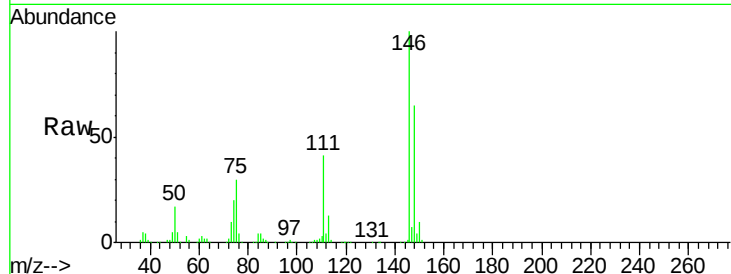




#87
 1,3-Dichlorobenzene
 Concen: 52.73 ug/l
 RT: 11.42 min Scan# 3368
 Delta R.T. -0.00 min
 Lab File: VU025204.D
 Acq: 05 Jul 2018 10:08

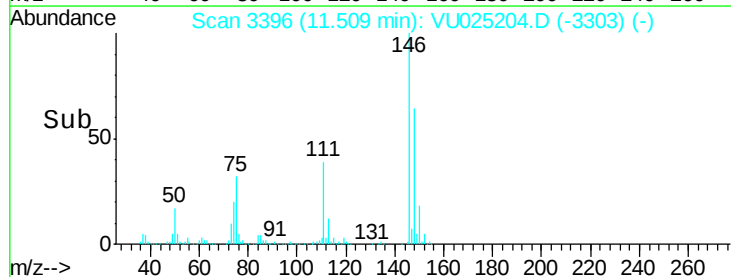
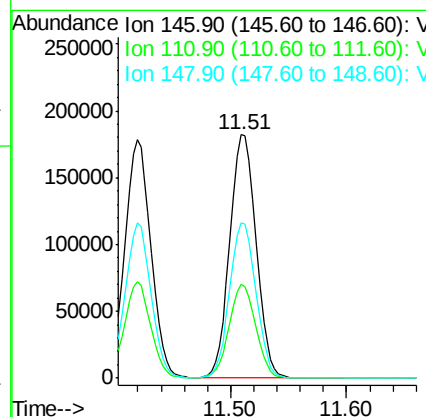
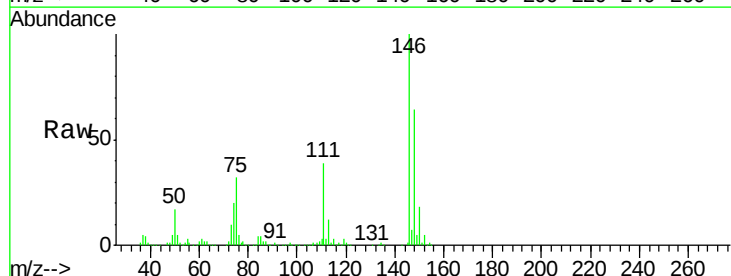
Instrument :
 MSVOA_U
 ClientSampleId :

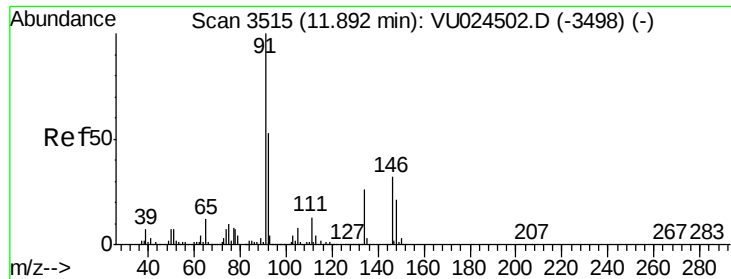
Tot Ion	Ratio	Lower	Upper
146	100		
111	40.3	20.0	60.0
148	64.4	32.1	96.5



#88
 1,4-Dichlorobenzene
 Concen: 53.07 ug/l
 RT: 11.51 min Scan# 3396
 Delta R.T. -0.00 min
 Lab File: VU025204.D
 Acq: 05 Jul 2018 10:08

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.9	19.5	58.5
148	63.8	32.4	97.0





#89

n-Butylbenzene

Concen: 49.94 ug/l

RT: 11.89 min Scan# 3515

Delta R.T. -0.00 min

Lab File: VU025204.D

Acq: 05 Jul 2018 10:08

Instrument :

MSVOA_U

ClientSampled :

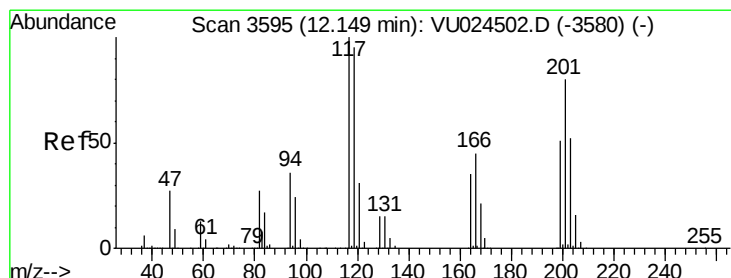
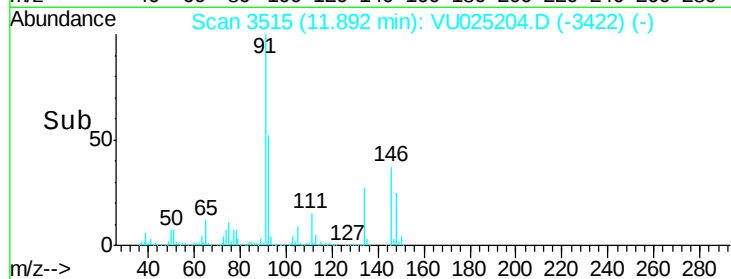
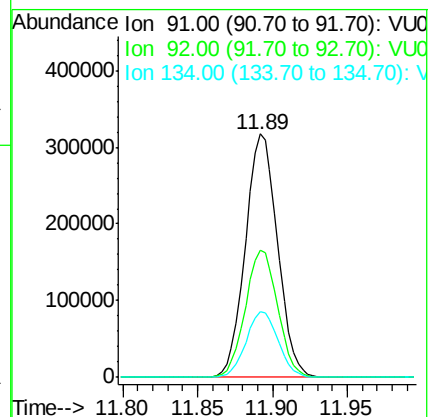
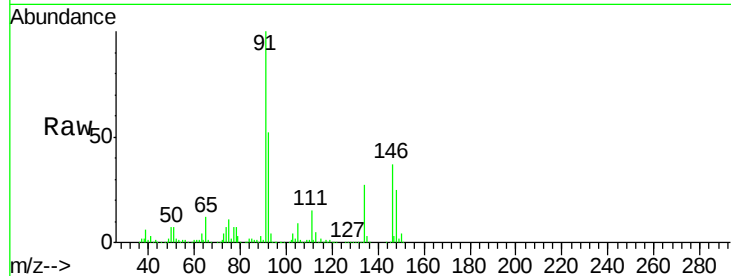
Tot Ion: 91 Resp: 475223

Ion Ratio Lower Upper

91 100

92 52.5 25.6 76.8

134 27.0 12.3 36.8



#90

Hexachloroethane

Concen: 48.05 ug/l

RT: 12.15 min Scan# 3595

Delta R.T. -0.00 min

Lab File: VU025204.D

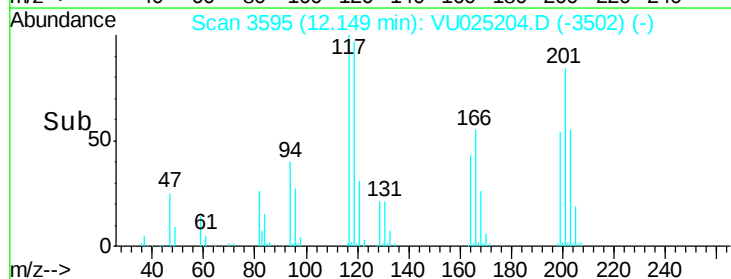
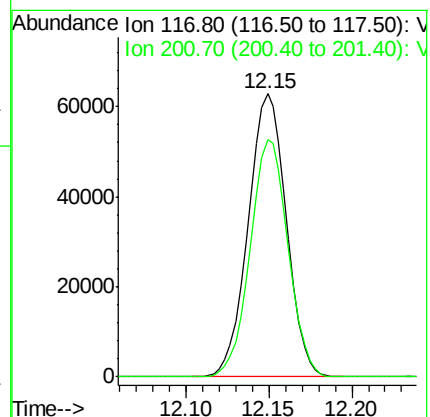
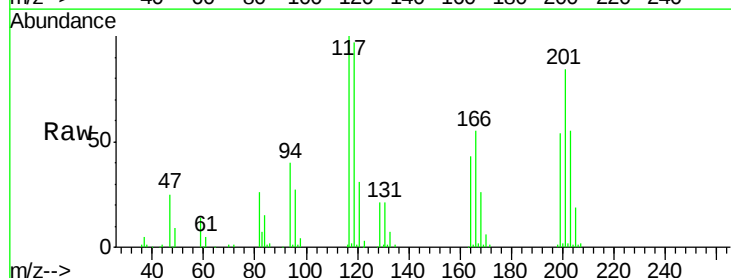
Acq: 05 Jul 2018 10:08

Tgt Ion: 117 Resp: 100468

Ion Ratio Lower Upper

117 100

201 83.2 41.1 123.3





#91

1,2-Dichlorobenzene

Concen: 54.21 ug/l

RT: 11.88 min Scan# 3512

Delta R.T. -0.00 min

Lab File: VU025204.D

Acq: 05 Jul 2018 10:08

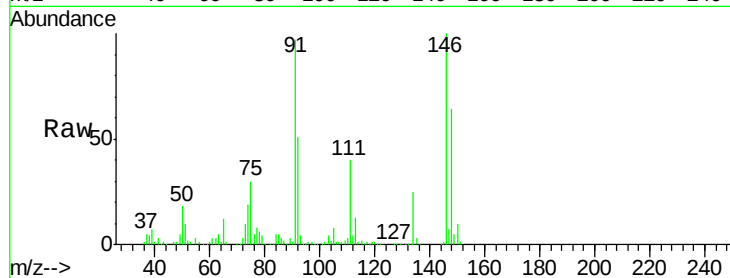
Instrument :

MSVOA_U

ClientSampleId :

Tot Ion:146 Resp: 291227

Ion	Ratio	Lower	Upper
146	100		
111	40.8	20.5	61.6
148	64.6	31.9	95.7

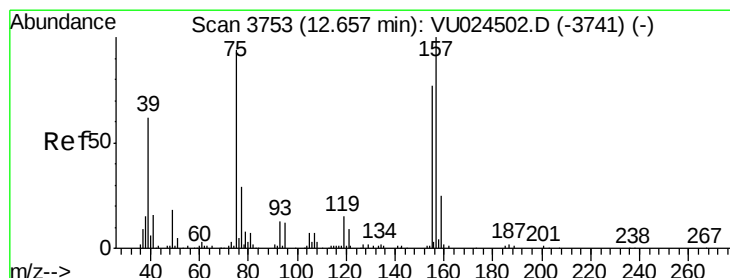
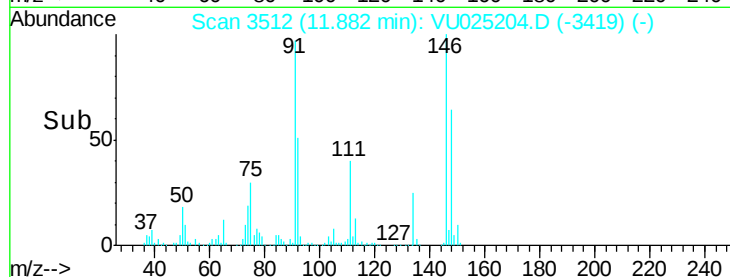
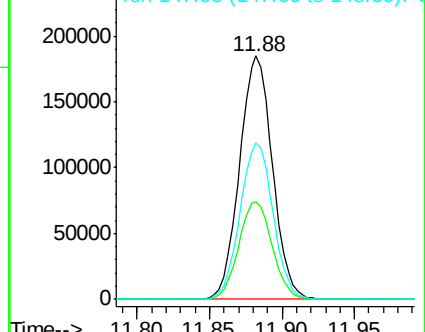


Abundance

Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 48.24 ug/l

RT: 12.66 min Scan# 3754

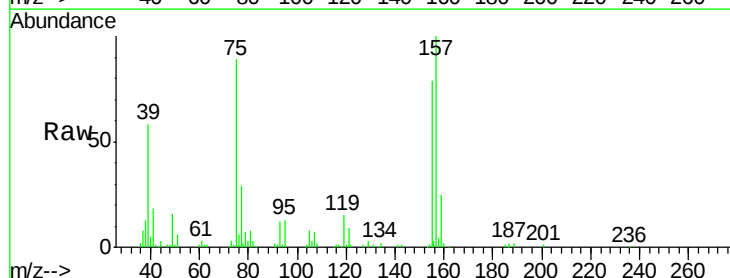
Delta R.T. 0.00 min

Lab File: VU025204.D

Acq: 05 Jul 2018 10:08

Tgt Ion: 75 Resp: 51155

Ion	Ratio	Lower	Upper
75	100		
155	87.1	40.4	121.2
157	111.4	52.3	156.8

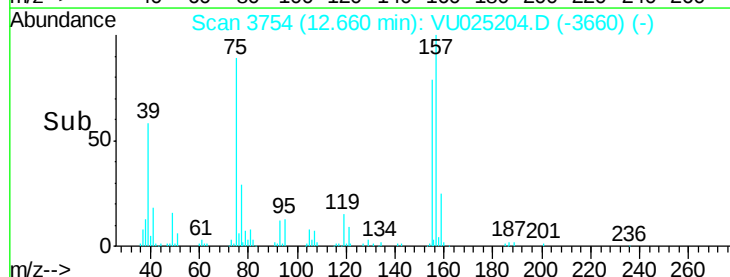
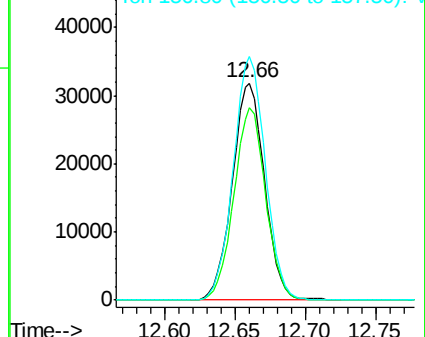


Abundance

Ion 74.90 (74.60 to 75.60): VU0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

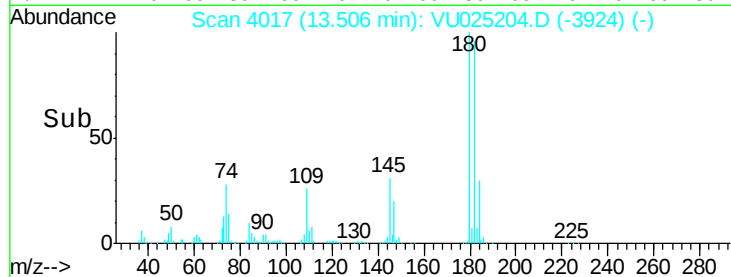
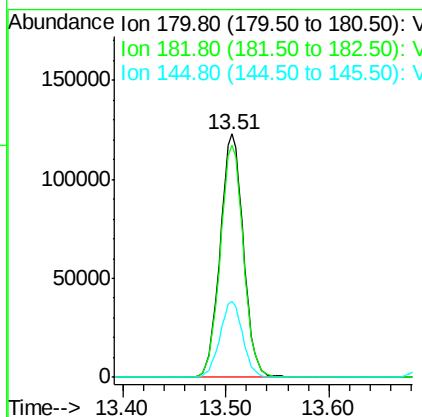
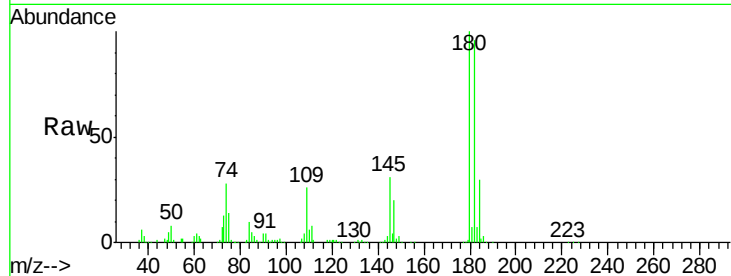




#93
 1,2,4-Trichlorobenzene
 Concen: 57.68 ug/l
 RT: 13.51 min Scan# 4017
 Delta R.T. -0.00 min
 Lab File: VU025204.D
 Acq: 05 Jul 2018 10:08

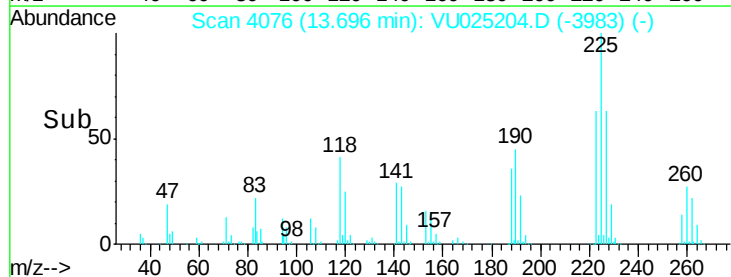
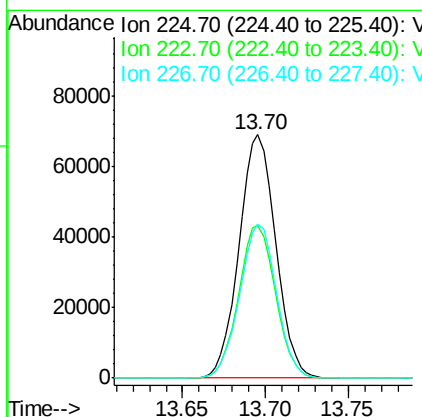
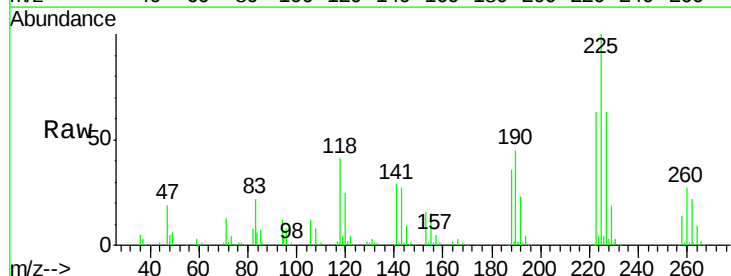
Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.2	48.0	144.2
145	30.5	14.7	44.1



#94
 Hexachlorobutadiene
 Concen: 56.82 ug/l
 RT: 13.70 min Scan# 4076
 Delta R.T. -0.00 min
 Lab File: VU025204.D
 Acq: 05 Jul 2018 10:08

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.0	31.3	93.8
227	63.3	31.8	95.4

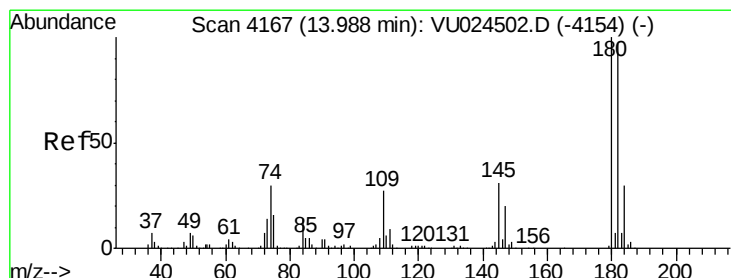
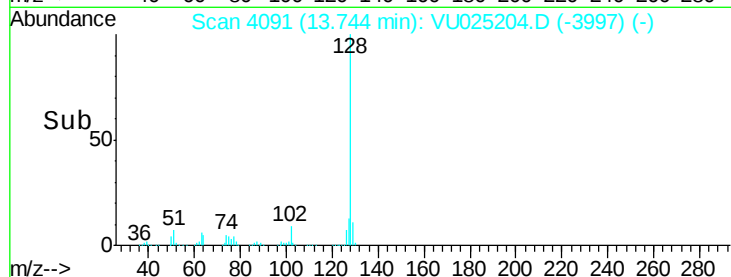
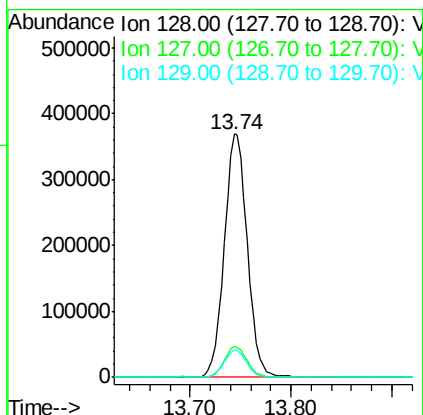
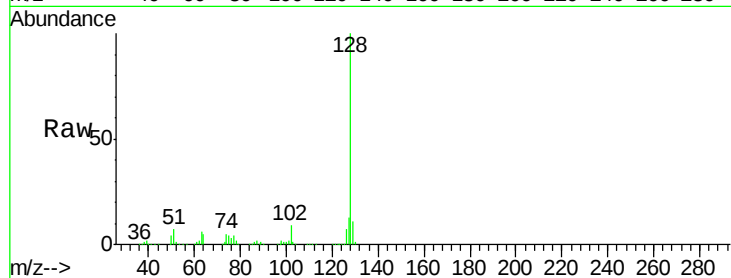




#95
Naphthalene
Concen: 53.58 ug/l
RT: 13.74 min Scan# 4091
Delta R.T. 0.00 min
Lab File: VU025204.D
Acq: 05 Jul 2018 10:08

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion:128 Resp: 589022
Ion Ratio Lower Upper
128 100
127 12.5 10.6 16.0
129 10.9 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 59.47 ug/l
RT: 13.99 min Scan# 4168
Delta R.T. 0.00 min
Lab File: VU025204.D
Acq: 05 Jul 2018 10:08

Tgt Ion:180 Resp: 196608
Ion Ratio Lower Upper
180 100
182 94.6 47.9 143.7
145 31.0 15.4 46.1

