

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU062718\
 Data File : VU024979.D
 Acq On : 27 Jun 2018 20:31
 Operator : MD/SY
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jun 28 02:29:06 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	183145	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	284538	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	269794	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	166494	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.31	65	145278	48.59	ug/l	0.00
Spiked Amount 50.000			Recovery =	97.18%		
35) Dibromofluoromethane	4.89	113	115527	48.92	ug/l	0.00
Spiked Amount 50.000			Recovery =	97.84%		
50) Toluene-d8	7.57	98	394319	45.78	ug/l	0.00
Spiked Amount 50.000			Recovery =	91.56%		
62) 4-Bromofluorobenzene	10.31	95	164075	47.98	ug/l	0.00
Spiked Amount 50.000			Recovery =	95.96%		

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	99009	43.190	ug/l	99
3) Chloromethane	1.33	50	105157	44.900	ug/l	99
4) Vinyl Chloride	1.40	62	112578	46.610	ug/l	100
5) Bromomethane	1.61	94	61734	52.873	ug/l	98
6) Chloroethane	1.69	64	74503	55.314	ug/l	99
7) Trichlorofluoromethane	1.88	101	185512	50.329	ug/l	100
8) Diethyl Ether	2.10	74	70588	56.518	ug/l	86
9) 1,1,2-Trichlorotrifluoroet	2.29	101	112229	49.078	ug/l	98
10) Methyl Iodide	2.41	142	128031	64.448	ug/l	99
11) Tert butyl alcohol	2.83	59	170169	234.017	ug/l	99
12) 1,1-Dichloroethene	2.28	96	102713	49.254	ug/l	97
13) Acrolein	2.19	56	37811	99.020	ug/l	98
14) Allyl chloride	2.59	41	183116	47.292	ug/l	98
15) Acrylonitrile	2.93	53	355967	251.605	ug/l	98
16) Acetone	2.32	43	332874	207.210	ug/l	98
17) Carbon Disulfide	2.48	76	291441	43.646	ug/l	98
18) Methyl Acetate	2.62	43	208820	60.634	ug/l	98
19) Methyl tert-butyl Ether	3.00	73	415615	53.020	ug/l	95
20) Methylene Chloride	2.70	84	124029	49.205	ug/l	95
21) trans-1,2-Dichloroethene	2.99	96	114421	49.817	ug/l	99
22) Diisopropyl ether	3.57	45	395021	51.464	ug/l	97
23) Vinyl Acetate	3.53	43	1663029	241.868	ug/l	99
24) 1,1-Dichloroethane	3.45	63	225649	51.103	ug/l	99
25) 2-Butanone	4.26	43	518444	240.261	ug/l	97
26) 2,2-Dichloropropane	4.23	77	192734	45.968	ug/l	98
27) cis-1,2-Dichloroethene	4.23	96	136218	51.587	ug/l	99
28) Bromochloromethane	4.55	49	42274	21.736	ug/l	88
29) Tetrahydrofuran	4.63	42	330268	247.155	ug/l	96
30) Chloroform	4.68	83	238113	53.278	ug/l	98
31) Cyclohexane	5.00	56	207214	52.962	ug/l	95
32) 1,1,1-Trichloroethane	4.92	97	216890	52.479	ug/l	96
36) 1,1-Dichloropropene	5.14	75	169224	50.612	ug/l	98
37) Ethyl Acetate	4.38	43	193124	52.995	ug/l	98
38) Carbon Tetrachloride	5.14	117	193134	52.528	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.42	83	208047	49.862	ug/l	97
40) Benzene	5.39	78	498055	52.277	ug/l	98
41) Methacrylonitrile	4.54	41	107825	54.878	ug/l	98
42) 1,2-Dichloroethane	5.41	62	203742	56.149	ug/l	100
43) Isopropyl Acetate	5.55	43	309163	49.080	ug/l	98
44) Trichloroethene	6.19	130	139292	51.372	ug/l	94
45) 1,2-Dichloropropane	6.44	63	132552	52.143	ug/l	98
46) Dibromomethane	6.56	93	94719	53.046	ug/l	95
47) Bromodichloromethane	6.76	83	182175	51.235	ug/l	99
48) Methyl methacrylate	6.62	41	159816	52.103	ug/l	99
49) 1,4-Dioxane	6.62	88	72191	1203.473	ug/l	97
51) 4-Methyl-2-Pentanone	7.46	43	994321	251.251	ug/l	98
52) Toluene	7.64	92	319637	52.147	ug/l	100
53) t-1,3-Dichloropropene	7.88	75	199023	49.843	ug/l	100
54) cis-1,3-Dichloropropene	7.27	75	209018	49.125	ug/l	99
55) 1,1,2-Trichloroethane	8.07	97	131922	52.947	ug/l	97
56) Ethyl methacrylate	8.02	69	209244	50.176	ug/l	100
57) 1,3-Dichloropropane	8.25	76	224547	53.424	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.13	63	122184	76.478	ug/l	96
59) 2-Hexanone	8.36	43	804236	248.920	ug/l	100
60) Dibromochloromethane	8.48	129	151482	48.755	ug/l	99
61) 1,2-Dibromoethane	8.59	107	144253	52.017	ug/l	99
64) Tetrachloroethene	8.23	164	131738	51.370	ug/l	97
65) Chlorobenzene	9.12	112	364356	52.865	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.21	131	136625	52.177	ug/l	97
67) Ethyl Benzene	9.25	91	633243	52.409	ug/l	98
68) m/p-Xylenes	9.38	106	496136	106.932	ug/l	97
69) o-Xylene	9.78	106	247366	53.872	ug/l	96
70) Styrene	9.80	104	391500	51.883	ug/l	98
71) Bromoform	9.96	173	118553	47.633	ug/l #	98
73) Isopropylbenzene	10.17	105	663038	51.870	ug/l	100
74) N-amyl acetate	10.01	43	285177	46.903	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.46	83	220827	51.553	ug/l	99
76) 1,2,3-Trichloropropane	10.50	75	260539	71.077	ug/l	82
77) Bromobenzene	10.45	156	168653	52.116	ug/l	95
78) n-propylbenzene	10.59	91	755368	50.164	ug/l	97
79) 2-Chlorotoluene	10.66	91	457172	51.484	ug/l	98
80) 1,3,5-Trimethylbenzene	10.78	105	569818	51.431	ug/l	99
81) trans-1,4-Dichloro-2-buten	10.50	75	260539	164.502	ug/l #	100
82) 4-Chlorotoluene	10.78	91	528046	51.091	ug/l	99
83) tert-Butylbenzene	11.10	119	567842	53.281	ug/l	100
84) 1,2,4-Trimethylbenzene	11.15	105	586132	51.912	ug/l	100
85) sec-Butylbenzene	11.33	105	690874	51.788	ug/l	98
86) p-Isopropyltoluene	11.48	119	613206	51.324	ug/l	99
87) 1,3-Dichlorobenzene	11.42	146	310919	52.004	ug/l	99
88) 1,4-Dichlorobenzene	11.51	146	314690	52.295	ug/l	100
89) n-Butylbenzene	11.89	91	507867	47.878	ug/l	97
90) Hexachloroethane	12.15	117	104341	44.767	ug/l	96
91) 1,2-Dichlorobenzene	11.88	146	324476	54.184	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.66	75	60847	51.480	ug/l	94

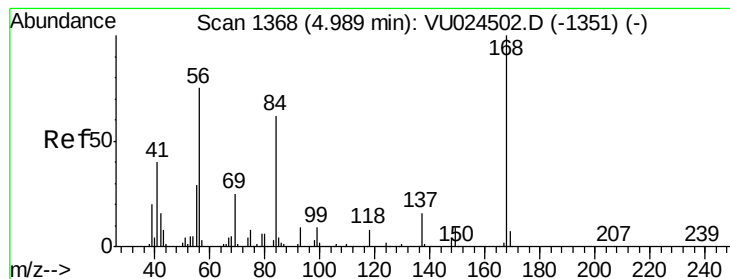
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU062718\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.51	180	213282	57.675	ug/l	99
94) Hexachlorobutadiene	13.70	225	112154	53.883	ug/l	99
95) Naphthalene	13.74	128	702918	57.316	ug/l	99
96) 1,2,3-Trichlorobenzene	13.99	180	224140	60.827	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.99 min Scan# 1368

Delta R.T. -0.00 min

Lab File: VU024979.D

Acq: 27 Jun 2018 20:31

Instrument :

MSVOA_U

ClientSampleId :

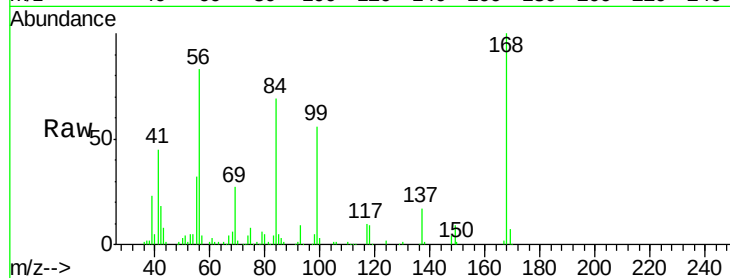
VSTDCCC050EC

Tgt Ion:168 Resp: 183145

Ion Ratio Lower Upper

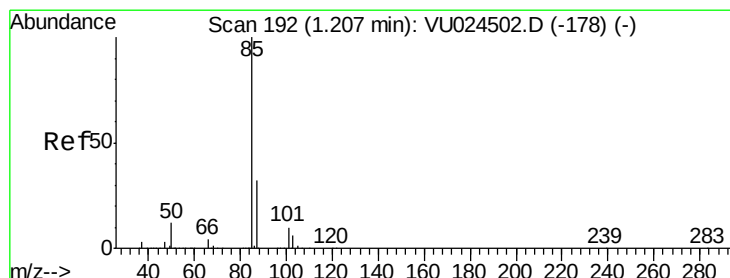
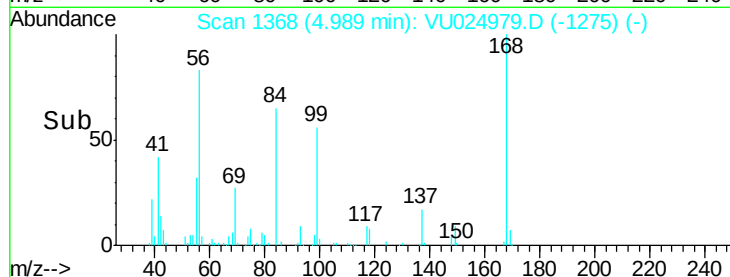
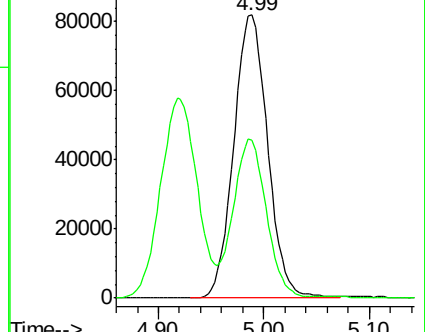
168 100

99 55.3 43.2 64.8



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

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



#2

Dichlorodifluoromethane

Concen: 43.190 ug/l

RT: 1.20 min Scan# 191

Delta R.T. -0.00 min

Lab File: VU024979.D

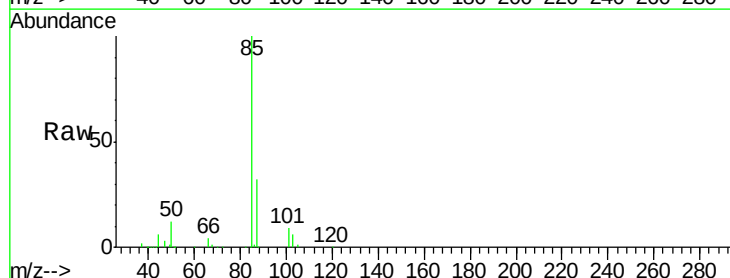
Acq: 27 Jun 2018 20:31

Tgt Ion: 85 Resp: 99009

Ion Ratio Lower Upper

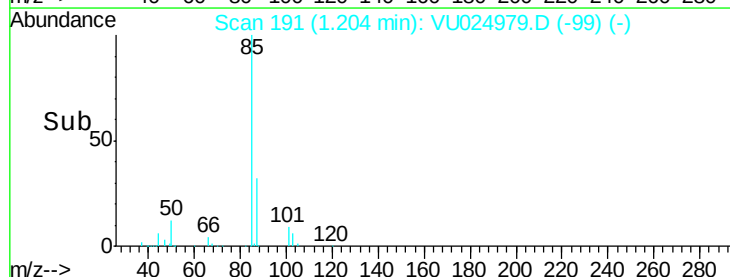
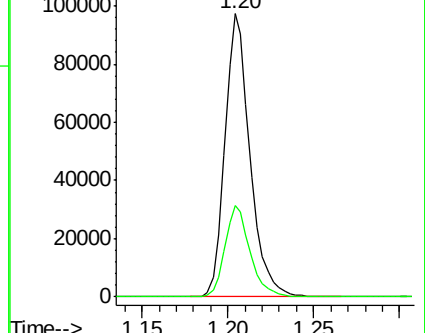
85 100

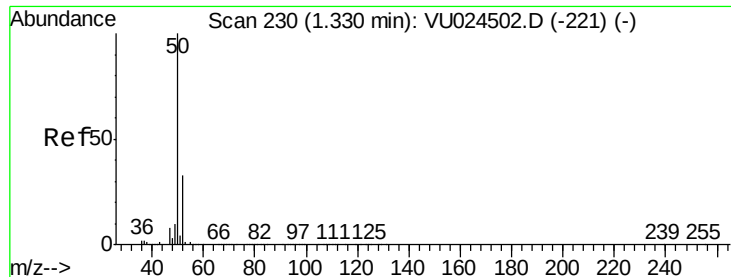
87 32.5 16.1 48.2



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

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





#3

Chloromethane

Concen: 44.900 ug/l

RT: 1.33 min Scan# 229

Delta R.T. -0.00 min

Lab File: VU024979.D

Acq: 27 Jun 2018 20:31

Instrument :

MSVOA_U

ClientSampleId :

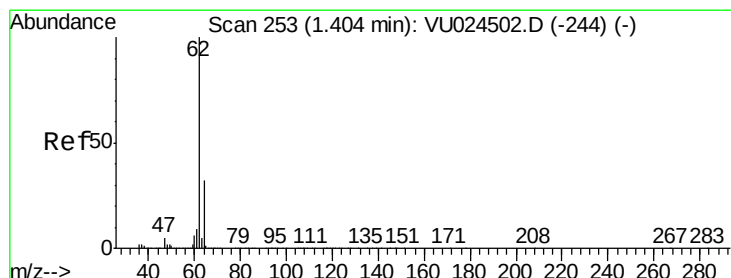
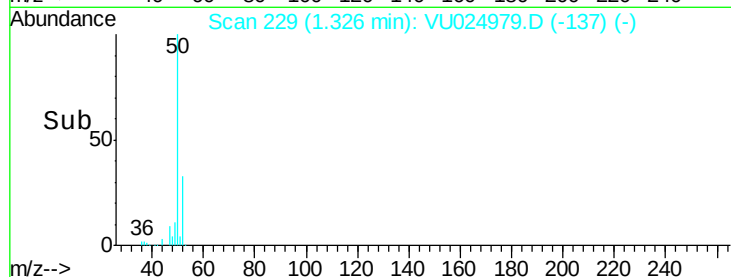
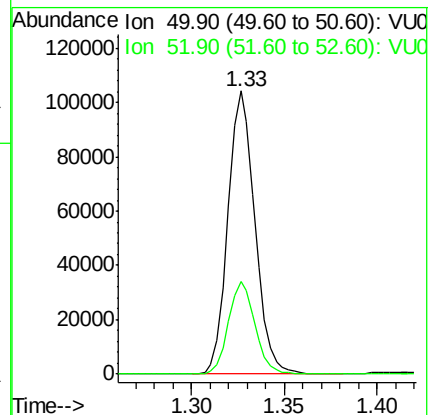
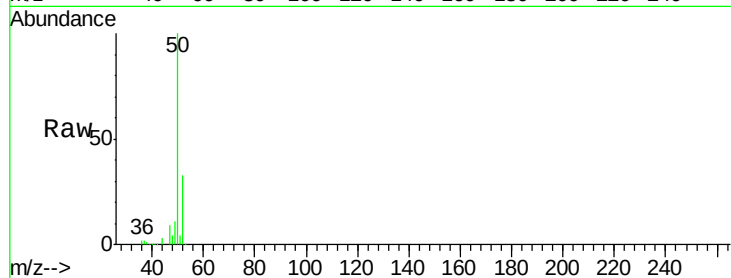
VSTDCCC050EC

Tgt Ion: 50 Resp: 105157

Ion Ratio Lower Upper

50 100

52 32.5 26.4 39.6



#4

Vinyl Chloride

Concen: 46.610 ug/l

RT: 1.40 min Scan# 253

Delta R.T. -0.00 min

Lab File: VU024979.D

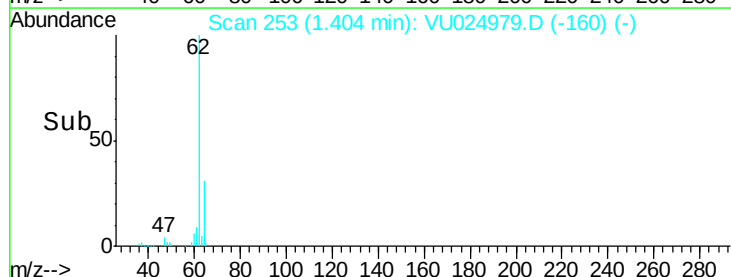
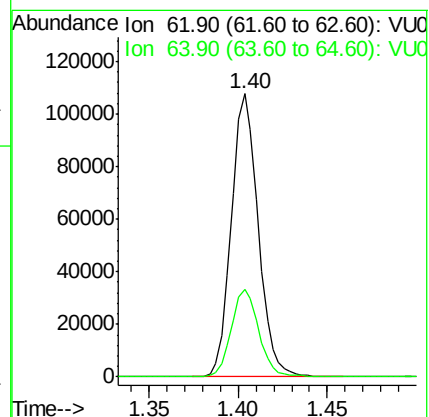
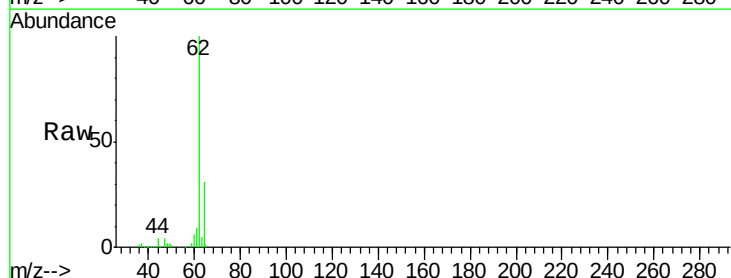
Acq: 27 Jun 2018 20:31

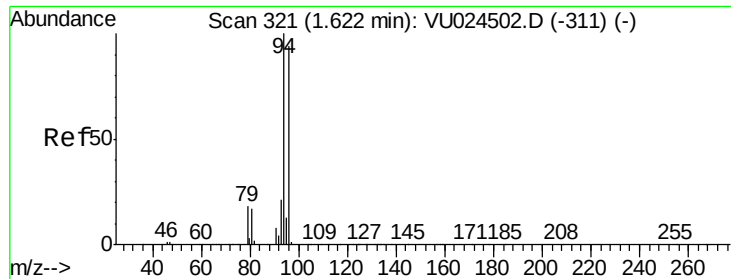
Tgt Ion: 62 Resp: 112578

Ion Ratio Lower Upper

62 100

64 31.1 24.8 37.2





#5

Bromomethane

Concen: 52.873 ug/l

RT: 1.61 min Scan# 318

Delta R.T. -0.01 min

Lab File: VU024979.D

Acq: 27 Jun 2018 20:31

Instrument :

MSVOA_U

ClientSampleId :

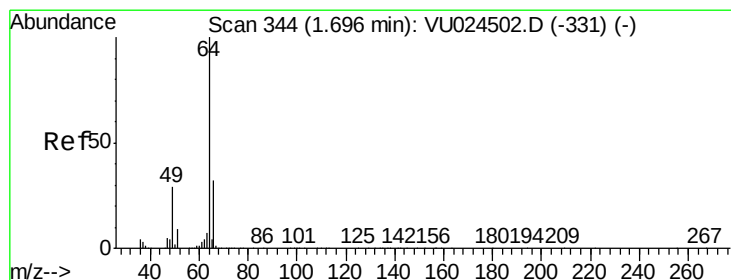
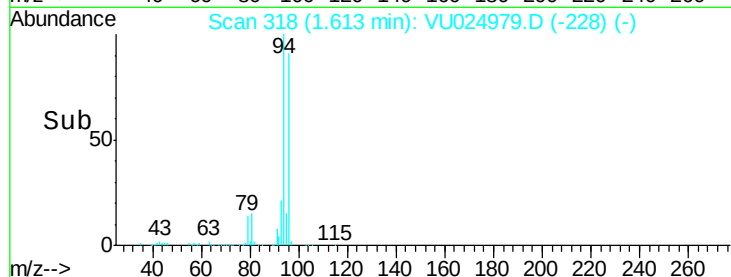
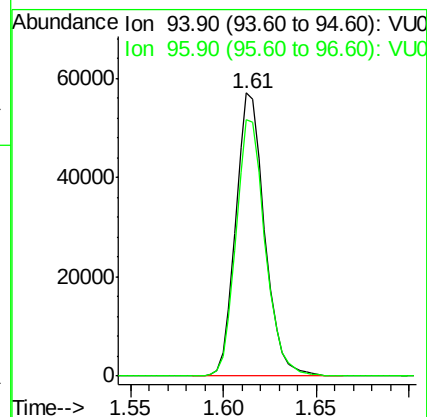
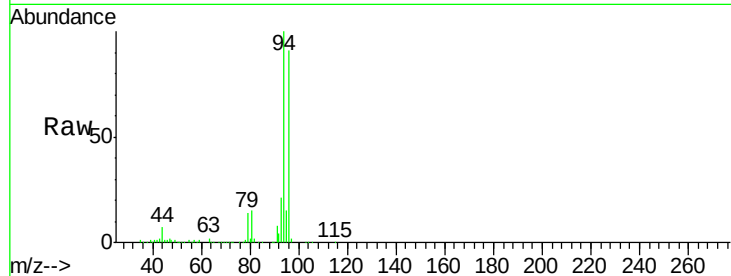
VSTDCCC050EC

Tgt Ion: 94 Resp: 61734

Ion Ratio Lower Upper

94 100

96 90.7 74.5 111.7



#6

Chloroethane

Concen: 55.314 ug/l

RT: 1.69 min Scan# 342

Delta R.T. -0.01 min

Lab File: VU024979.D

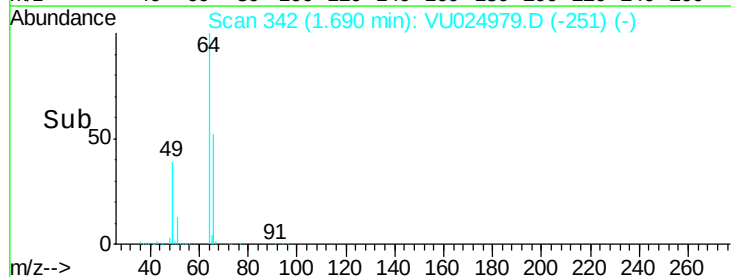
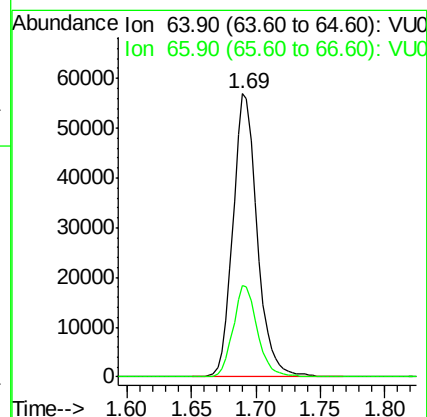
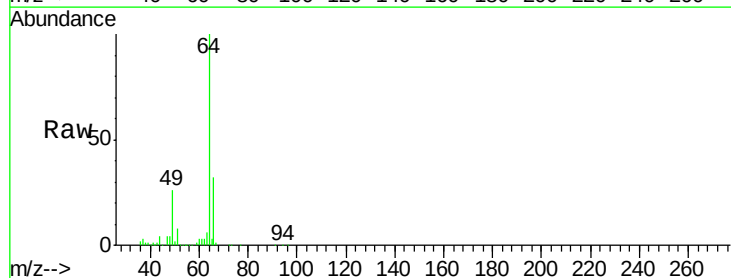
Acq: 27 Jun 2018 20:31

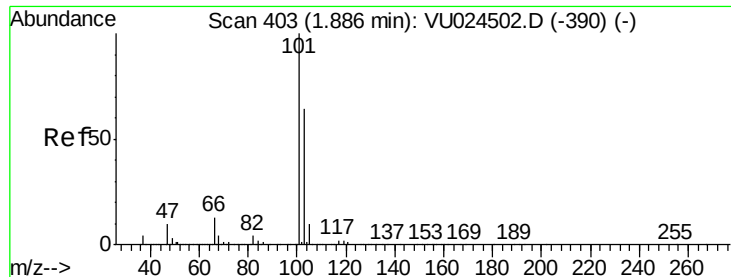
Tgt Ion: 64 Resp: 74503

Ion Ratio Lower Upper

64 100

66 32.4 25.5 38.3



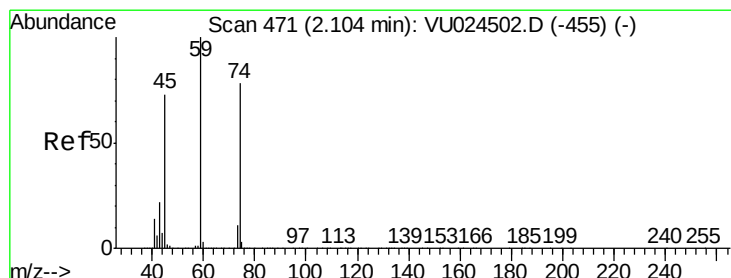
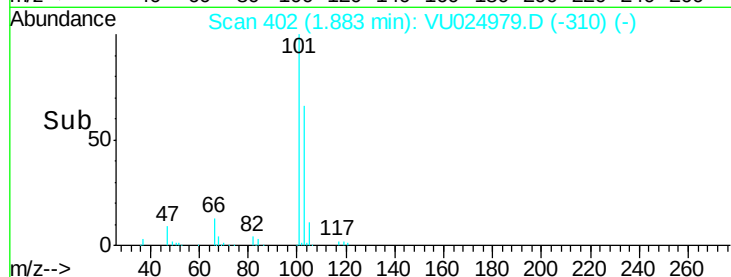
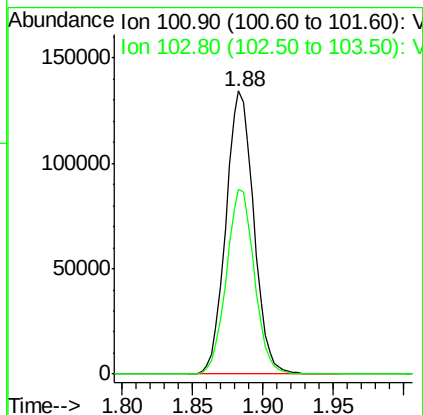
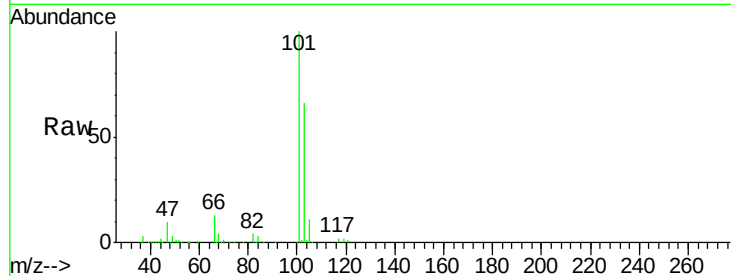


#7

Trichlorofluoromethane
Concen: 50.329 ug/l
RT: 1.88 min Scan# 402
Delta R.T. -0.00 min
Lab File: VU024979.D
Acq: 27 Jun 2018 20:31

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

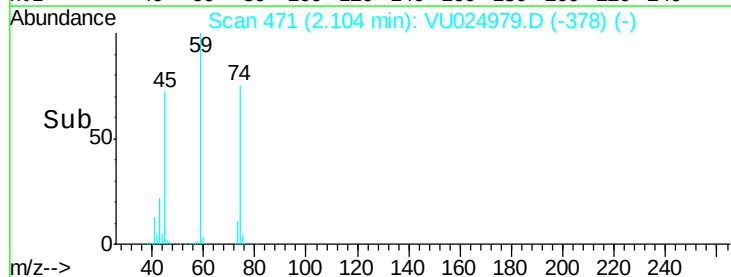
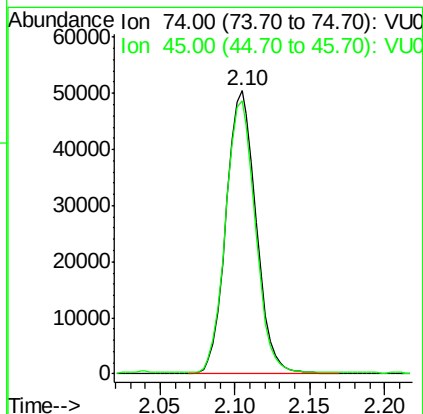
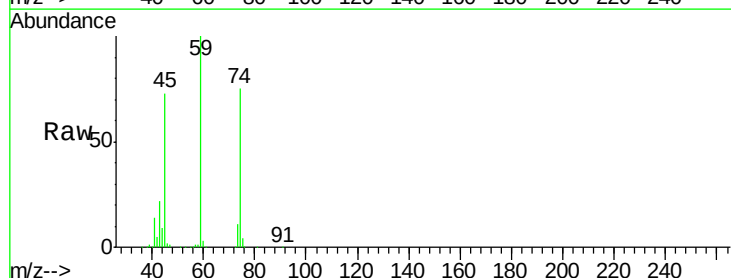
Tgt Ion:101 Resp: 185512
Ion Ratio Lower Upper
101 100
103 65.5 52.3 78.5

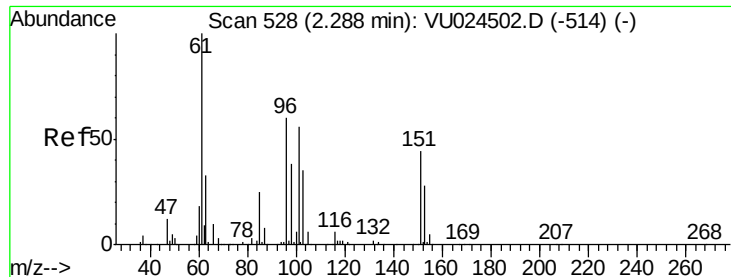


#8

Diethyl Ether
Concen: 56.518 ug/l
RT: 2.10 min Scan# 471
Delta R.T. 0.00 min
Lab File: VU024979.D
Acq: 27 Jun 2018 20:31

Tgt Ion: 74 Resp: 70588
Ion Ratio Lower Upper
74 100
45 95.3 55.0 165.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.078 ug/l

RT: 2.29 min Scan# 528

Delta R.T. -0.00 min

Lab File: VU024979.D

Acq: 27 Jun 2018 20:31

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

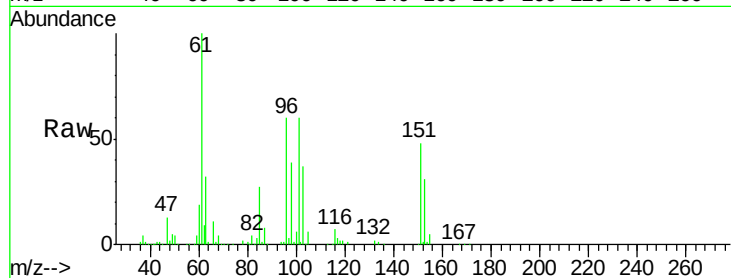
Tgt Ion:101 Resp: 112229

Ion Ratio Lower Upper

101 100

85 44.9 36.0 54.0

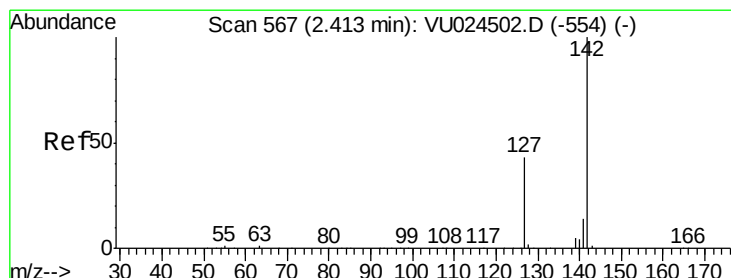
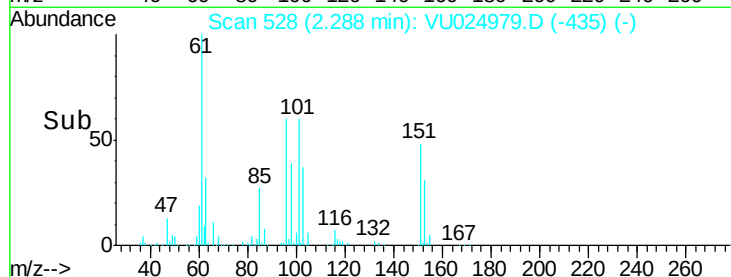
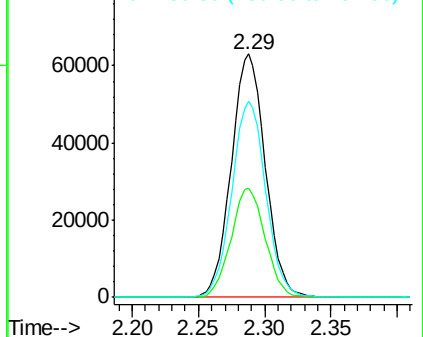
151 80.4 62.3 93.5



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: 64.448 ug/l

RT: 2.41 min Scan# 566

Delta R.T. -0.00 min

Lab File: VU024979.D

Acq: 27 Jun 2018 20:31

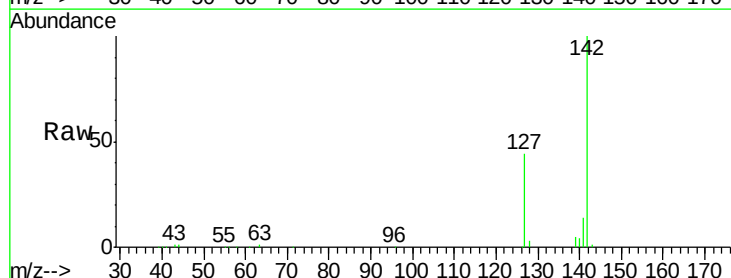
Tgt Ion:142 Resp: 128031

Ion Ratio Lower Upper

142 100

127 44.3 35.6 53.4

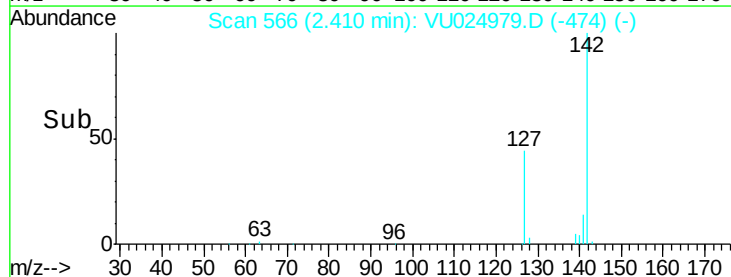
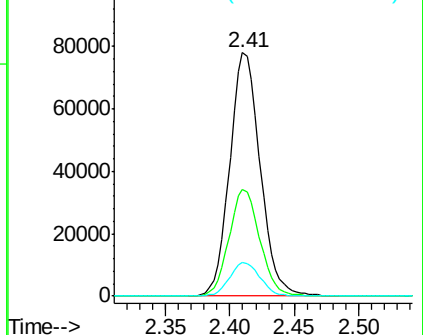
141 13.9 11.7 17.5

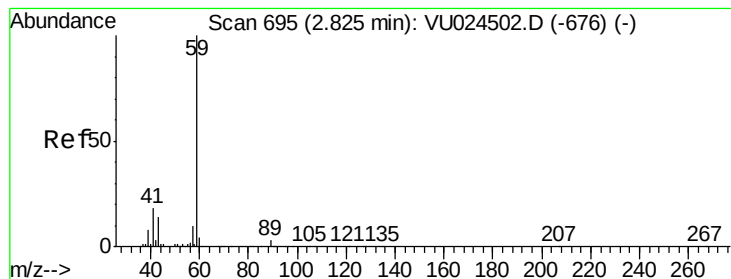


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



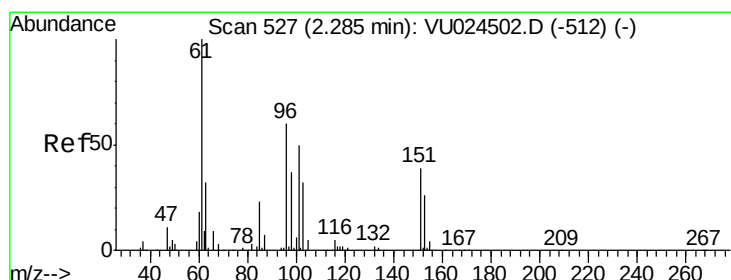
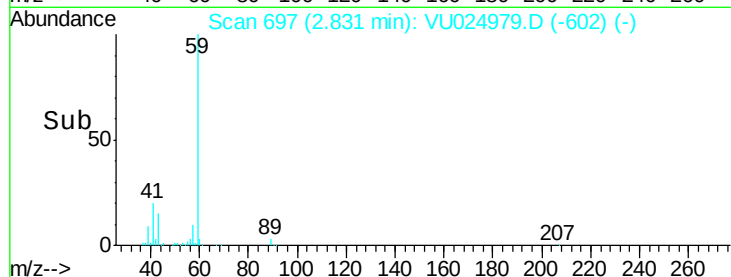
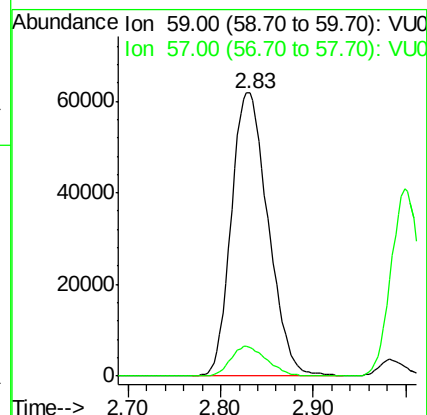
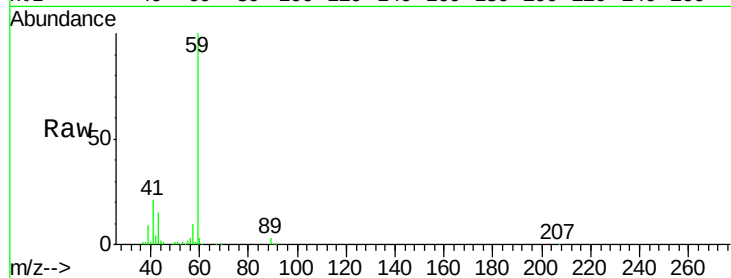


#11

Tert butyl alcohol
Concen: 234.017 ug/l
RT: 2.83 min Scan# 697
Delta R.T. 0.01 min
Lab File: VU024979.D
Acq: 27 Jun 2018 20:31

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

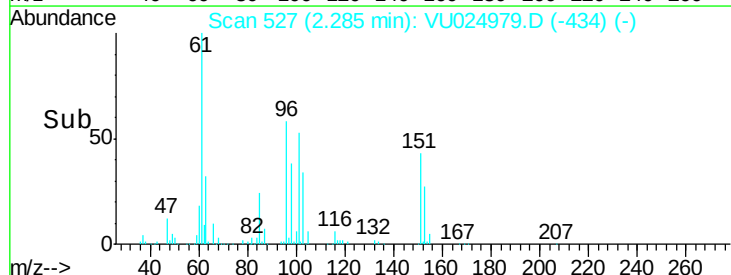
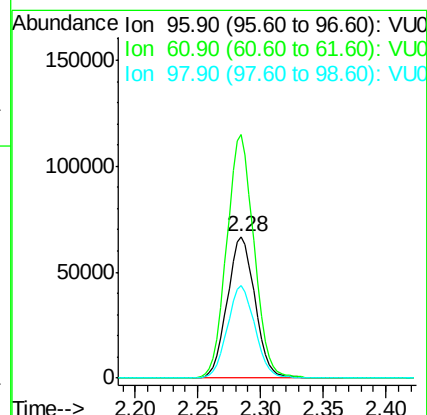
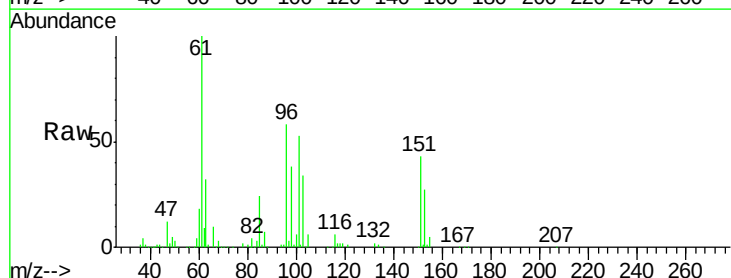
Tgt Ion: 59 Resp: 170169
Ion Ratio Lower Upper
59 100
57 10.3 8.5 12.7

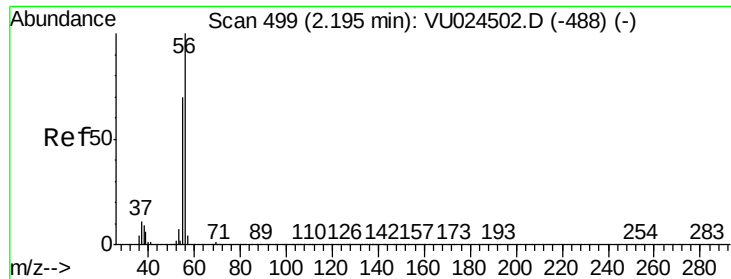


#12

1,1-Dichloroethene
Concen: 49.254 ug/l
RT: 2.28 min Scan# 527
Delta R.T. -0.00 min
Lab File: VU024979.D
Acq: 27 Jun 2018 20:31

Tgt Ion: 96 Resp: 102713
Ion Ratio Lower Upper
96 100
61 171.8 141.7 212.5
98 65.2 51.6 77.4





#13

Acrolein

Concen: 99.020 ug/l

RT: 2.19 min Scan# 499

Delta R.T. -0.00 min

Lab File: VU024979.D

Acq: 27 Jun 2018 20:31

Instrument :

MSVOA_U

ClientSampleId :

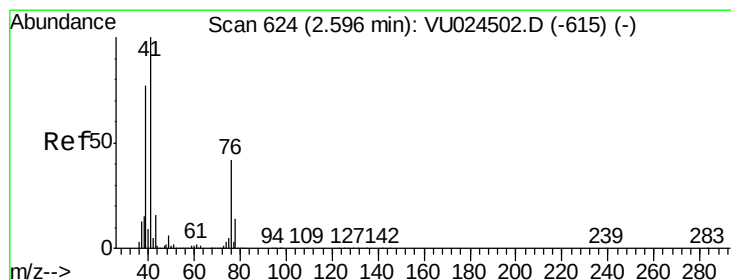
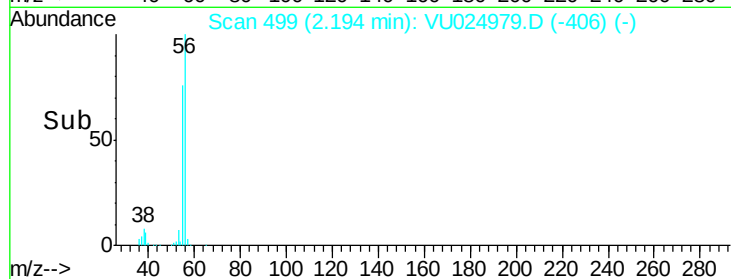
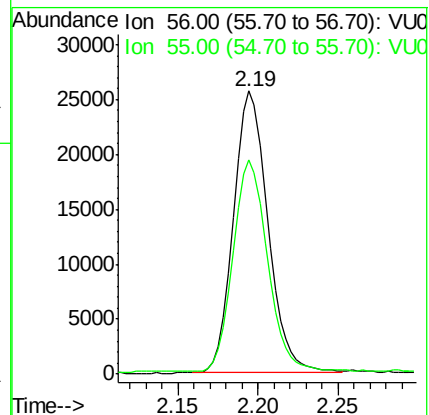
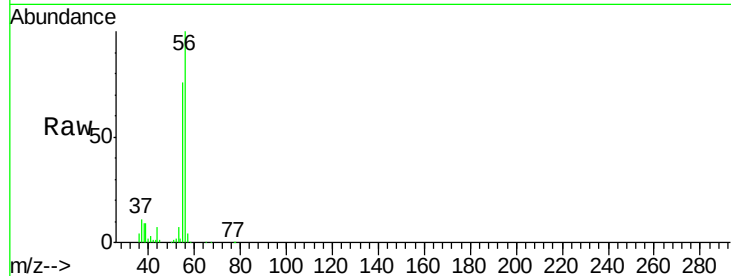
VSTDCCC050EC

Tgt Ion: 56 Resp: 37811

Ion Ratio Lower Upper

56 100

55 74.8 58.4 87.6



#14

Allyl chloride

Concen: 47.292 ug/l

RT: 2.59 min Scan# 623

Delta R.T. -0.00 min

Lab File: VU024979.D

Acq: 27 Jun 2018 20:31

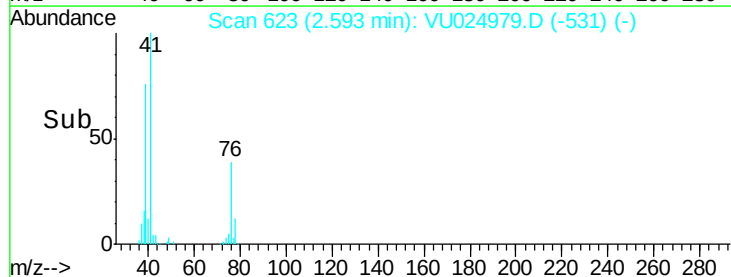
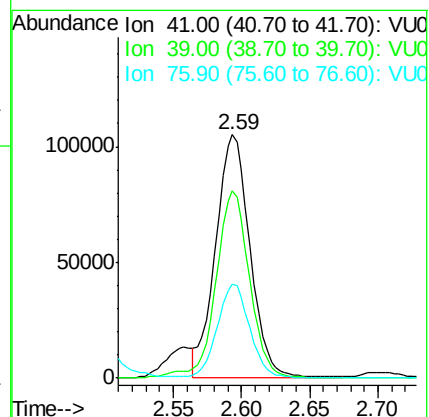
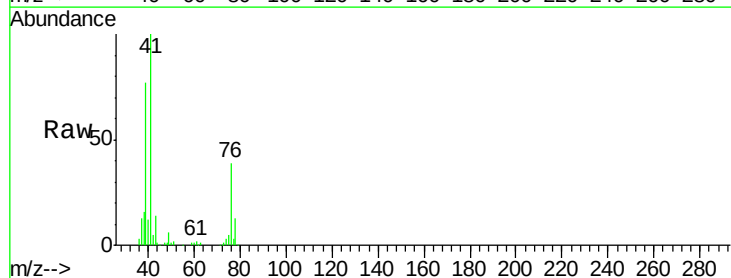
Tgt Ion: 41 Resp: 183116

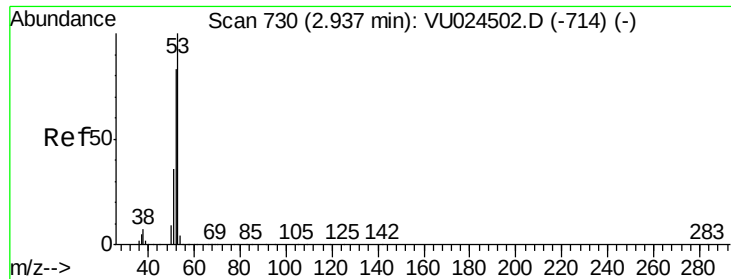
Ion Ratio Lower Upper

41 100

39 75.3 61.6 92.4

76 36.4 29.7 44.5

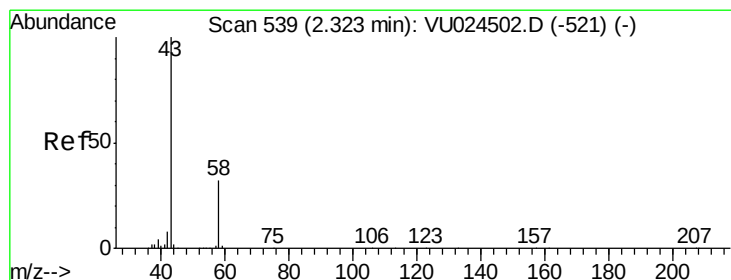
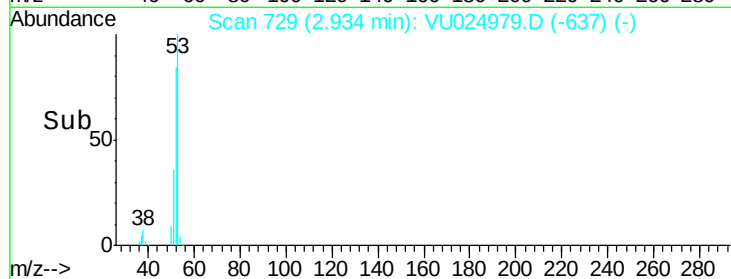
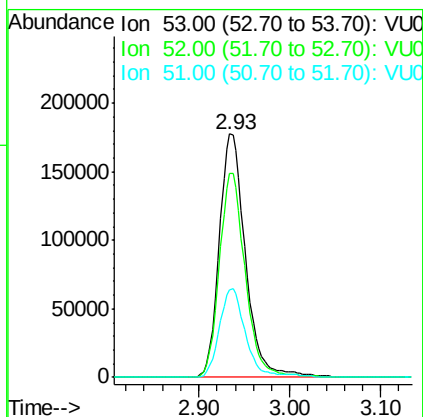
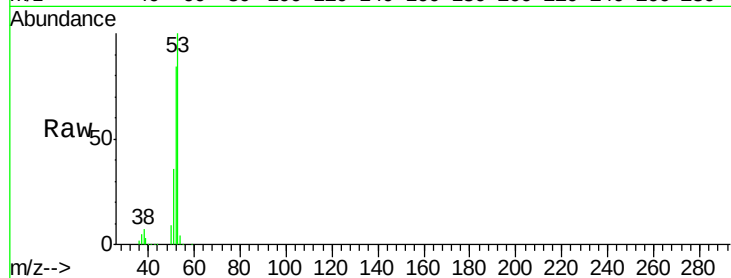




#15
 Acrylonitrile
 Concen: 251.605 ug/l
 RT: 2.93 min Scan# 729
 Delta R.T. -0.00 min
 Lab File: VU024979.D
 Acq: 27 Jun 2018 20:31

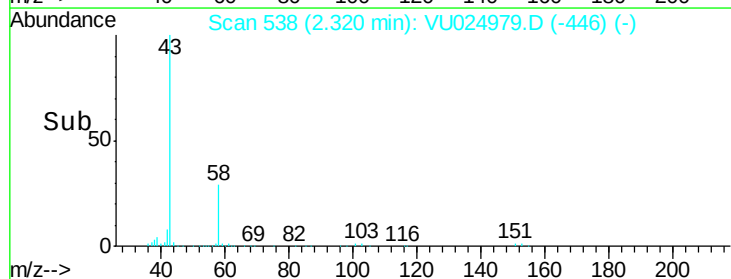
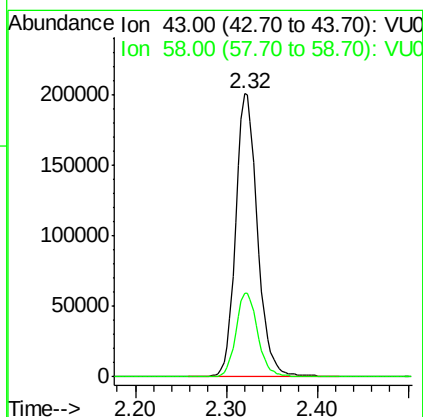
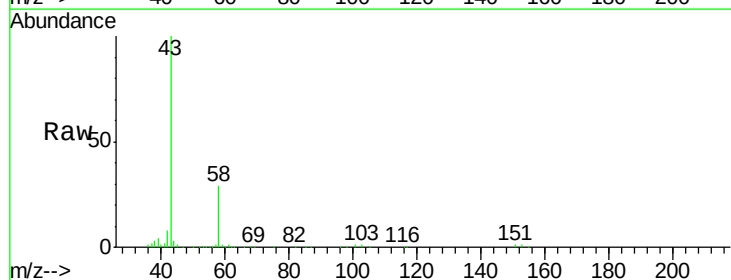
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

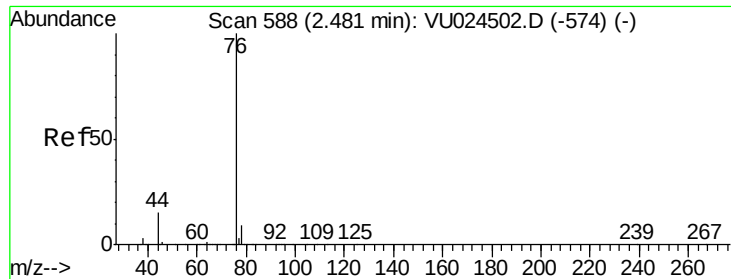
Tgt Ion:	53	Resp:	355967
Ion	Ratio	Lower	Upper
53	100		
52	82.6	67.1	100.7
51	36.8	28.4	42.6



#16
 Acetone
 Concen: 207.210 ug/l
 RT: 2.32 min Scan# 538
 Delta R.T. -0.00 min
 Lab File: VU024979.D
 Acq: 27 Jun 2018 20:31

Tgt Ion:	43	Resp:	332874
Ion	Ratio	Lower	Upper
43	100		
58	29.3	24.4	36.6





#17

Carbon Disulfide

Concen: 43.646 ug/l

RT: 2.48 min Scan# 587

Delta R.T. -0.00 min

Lab File: VU024979.D

Acq: 27 Jun 2018 20:31

Instrument :

MSVOA_U

ClientSampleId :

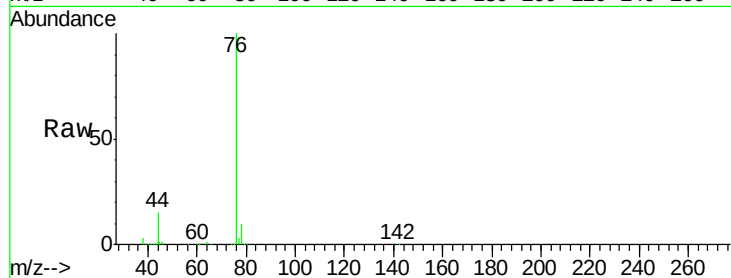
VSTDCCC050EC

Tgt Ion: 76 Resp: 291441

Ion Ratio Lower Upper

76 100

78 9.7 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VU0

Ion 77.90 (77.60 to 78.60): VU0

2.48

200000

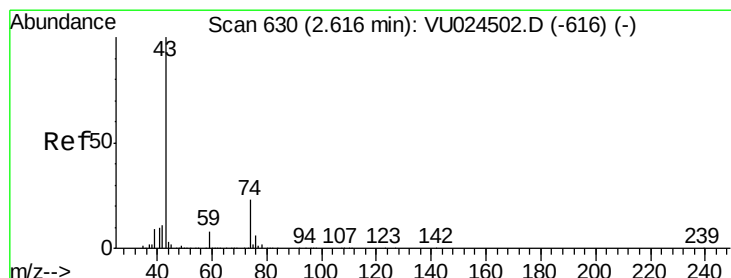
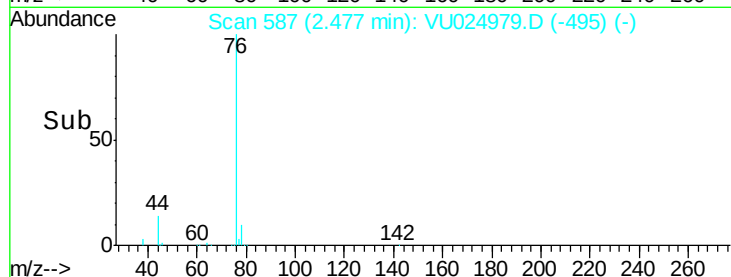
150000

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 60.634 ug/l

RT: 2.62 min Scan# 630

Delta R.T. -0.00 min

Lab File: VU024979.D

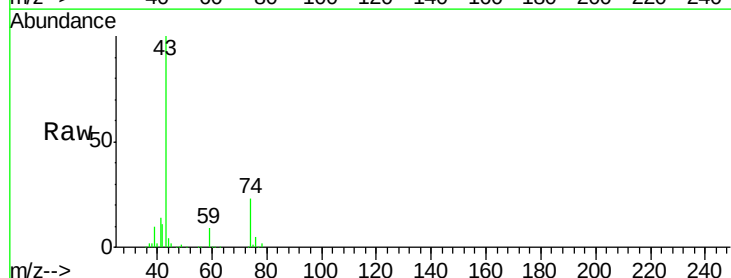
Acq: 27 Jun 2018 20:31

Tgt Ion: 43 Resp: 208820

Ion Ratio Lower Upper

43 100

74 23.4 18.0 27.0



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 74.00 (73.70 to 74.70): VU0

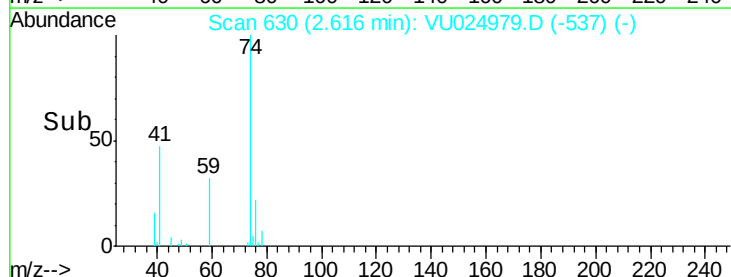
2.62

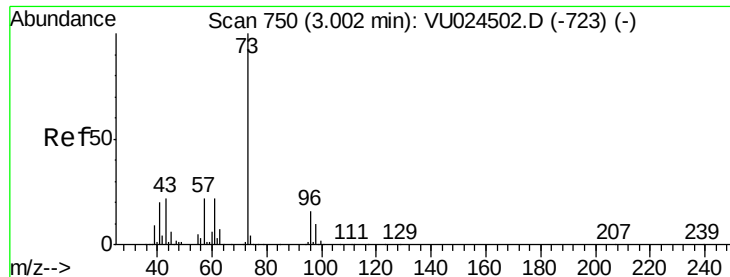
100000

50000

0

Time-->

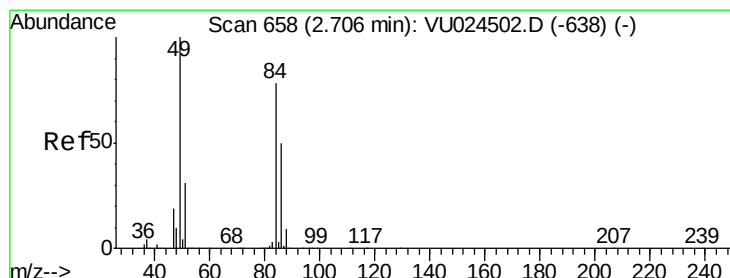
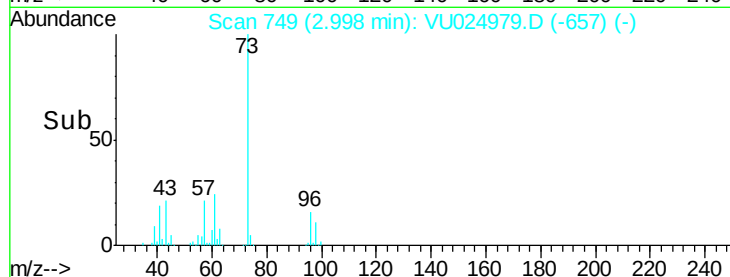
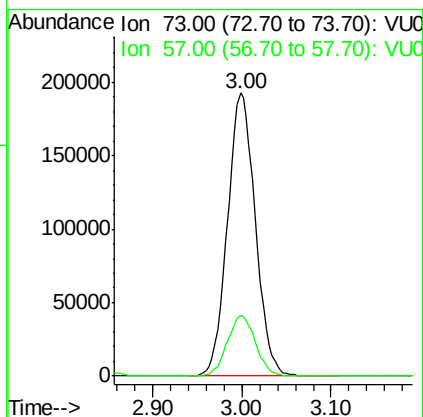
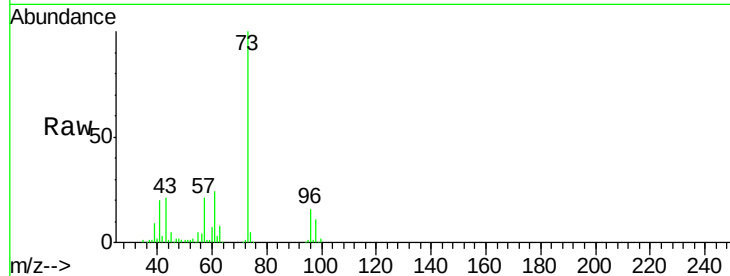




#19
Methyl tert-butyl Ether
Concen: 53.020 ug/l
RT: 3.00 min Scan# 749
Delta R.T. -0.00 min
Lab File: VU024979.D
Acq: 27 Jun 2018 20:31

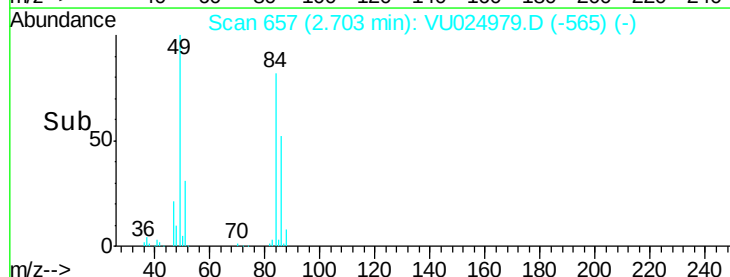
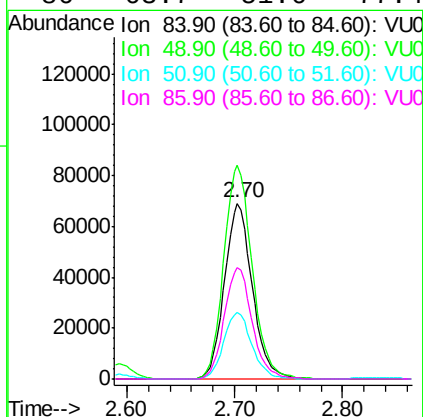
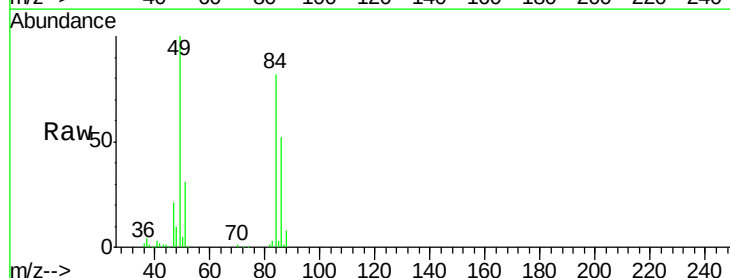
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

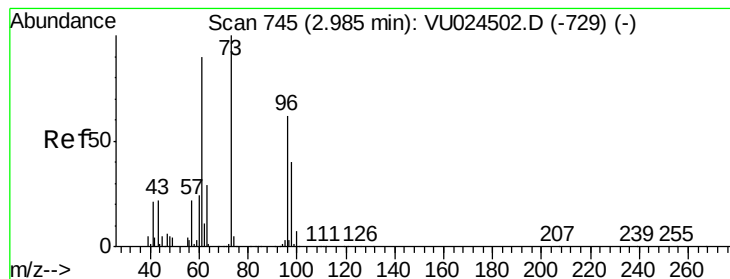
Tgt Ion: 73 Resp: 415615
Ion Ratio Lower Upper
73 100
57 21.3 18.8 28.2



#20
Methylene Chloride
Concen: 49.205 ug/l
RT: 2.70 min Scan# 657
Delta R.T. -0.00 min
Lab File: VU024979.D
Acq: 27 Jun 2018 20:31

Tgt Ion: 84 Resp: 124029
Ion Ratio Lower Upper
84 100
49 121.8 103.8 155.8
51 37.8 32.0 48.0
86 63.7 51.6 77.4





#21

trans-1,2-Dichloroethene

Concen: 49.817 ug/l

RT: 2.99 min Scan# 745

Delta R.T. -0.00 min

Lab File: VU024979.D

Acq: 27 Jun 2018 20:31

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

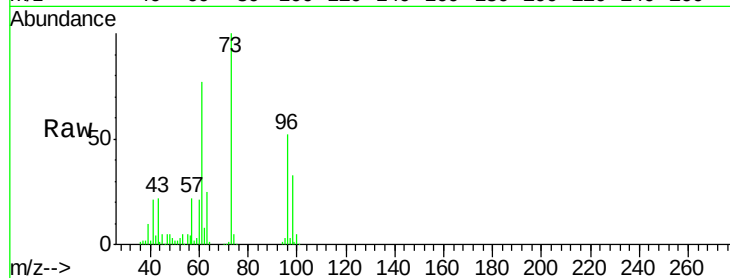
Tgt Ion: 96 Resp: 114421

Ion Ratio Lower Upper

96 100

61 147.4 119.4 179.0

98 63.9 51.1 76.7

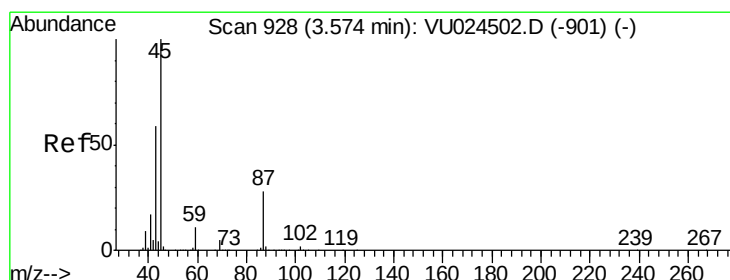
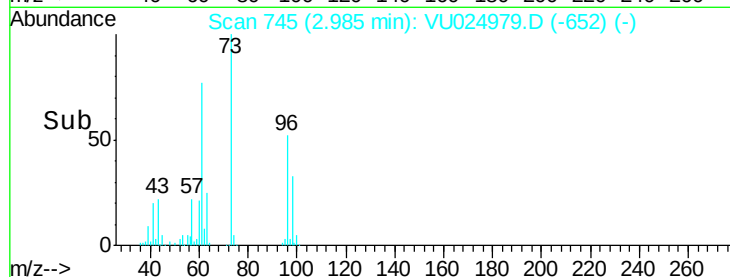
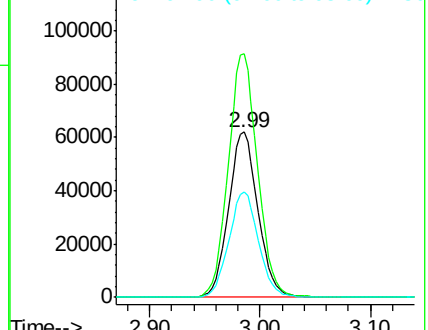


Abundance

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: 51.464 ug/l

RT: 3.57 min Scan# 928

Delta R.T. -0.00 min

Lab File: VU024979.D

Acq: 27 Jun 2018 20:31

Tgt Ion: 45 Resp: 395021

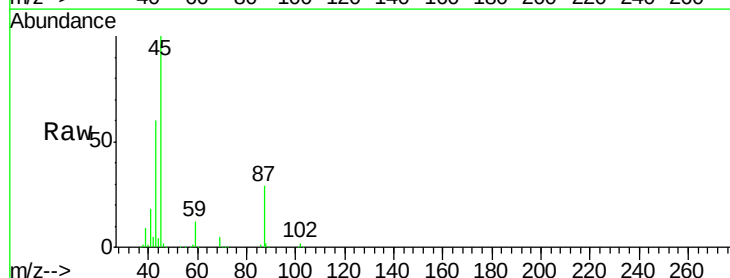
Ion Ratio Lower Upper

45 100

43 59.0 45.8 68.6

87 28.7 20.6 31.0

59 11.6 9.4 14.0



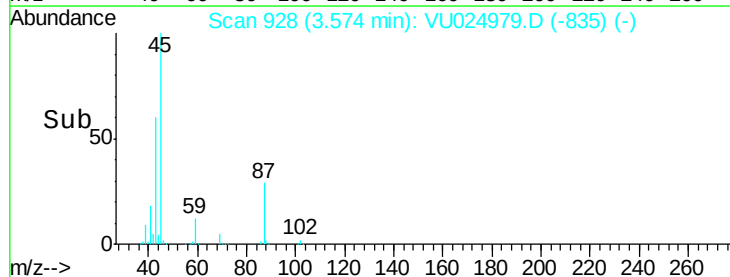
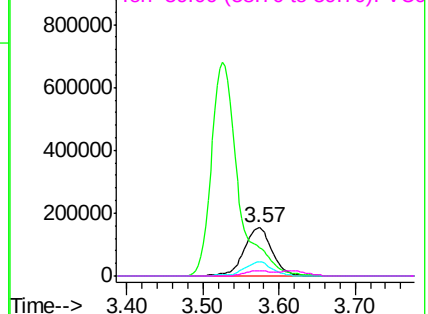
Abundance

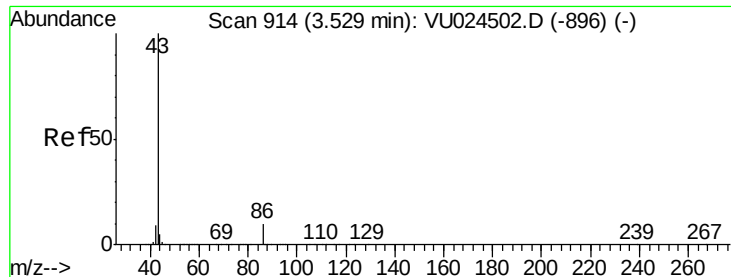
Ion 45.00 (44.70 to 45.70): VU0

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: 241.868 ug/l

RT: 3.53 min Scan# 913

Delta R.T. -0.00 min

Lab File: VU024979.D

Acq: 27 Jun 2018 20:31

Instrument :

MSVOA_U

ClientSampleId :

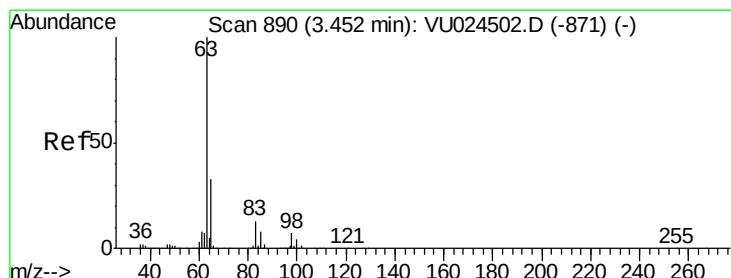
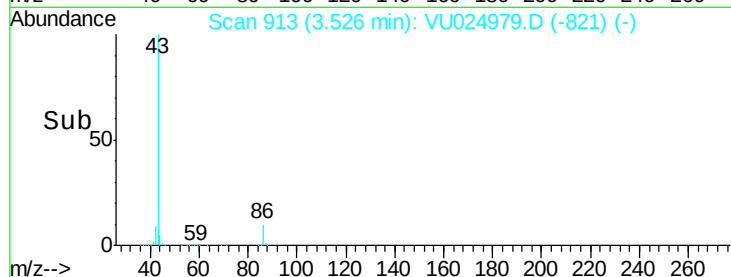
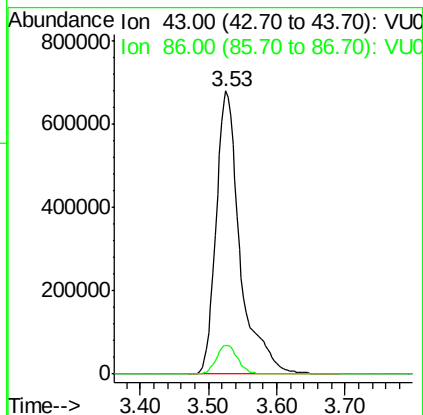
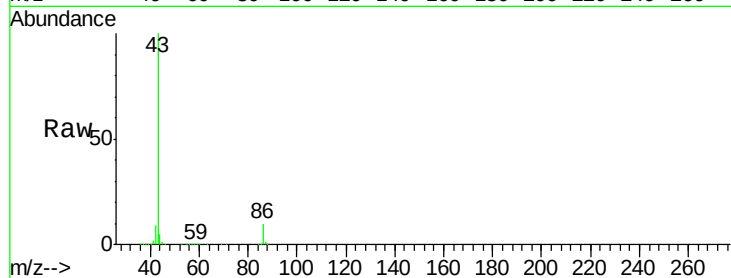
VSTDCCC050EC

Tgt Ion: 43 Resp: 1663029

Ion Ratio Lower Upper

43 100

86 10.3 7.8 11.8



#24

1,1-Dichloroethane

Concen: 51.103 ug/l

RT: 3.45 min Scan# 889

Delta R.T. -0.00 min

Lab File: VU024979.D

Acq: 27 Jun 2018 20:31

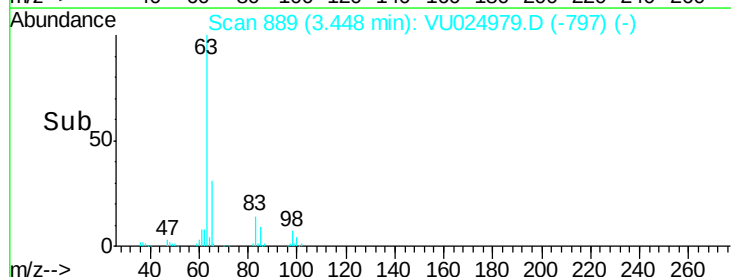
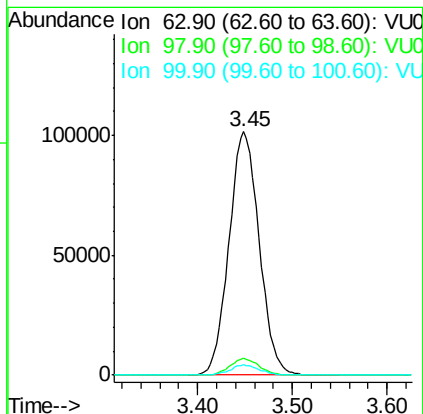
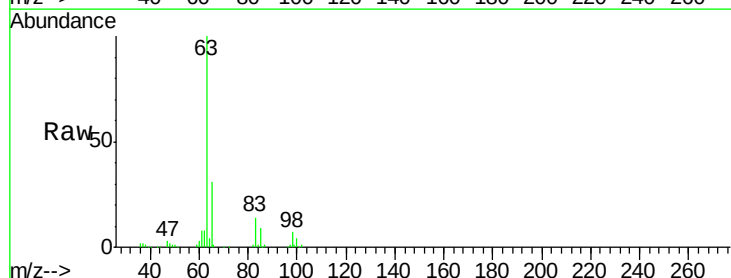
Tgt Ion: 63 Resp: 225649

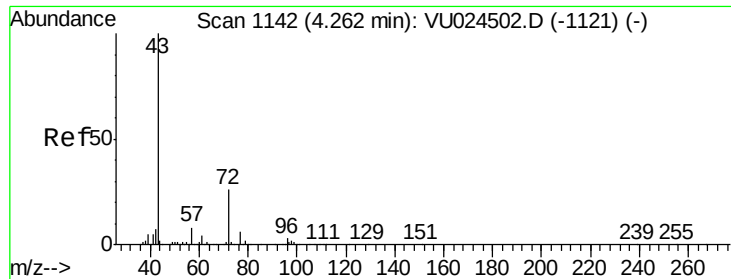
Ion Ratio Lower Upper

63 100

98 6.8 3.5 10.4

100 4.2 1.8 5.5

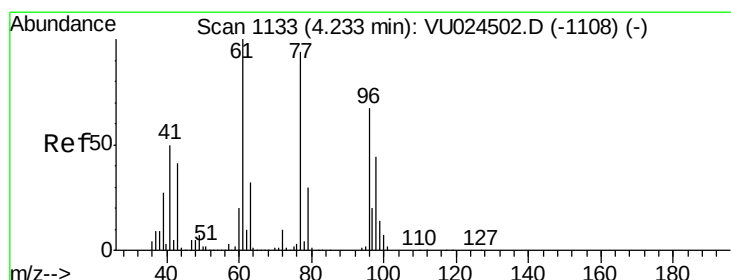
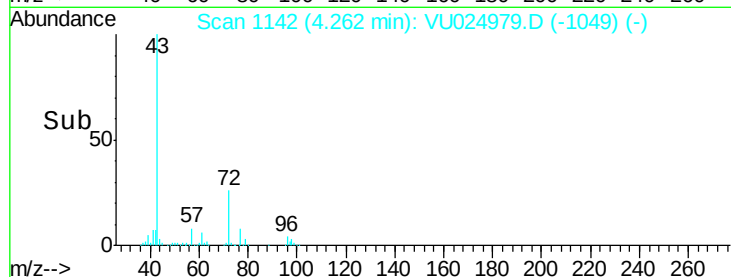
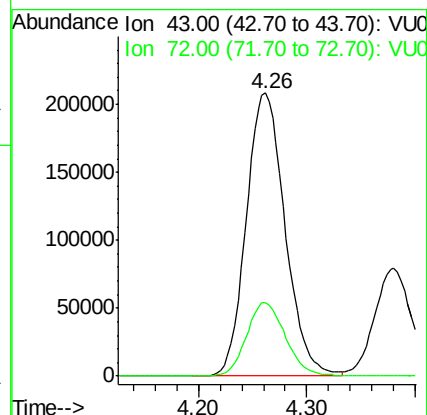
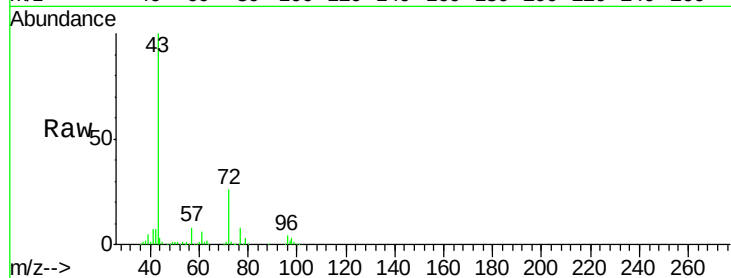




#25
 2-Butanone
 Concen: 240.261 ug/l
 RT: 4.26 min Scan# 1142
 Delta R.T. -0.00 min
 Lab File: VU024979.D
 Acq: 27 Jun 2018 20:31

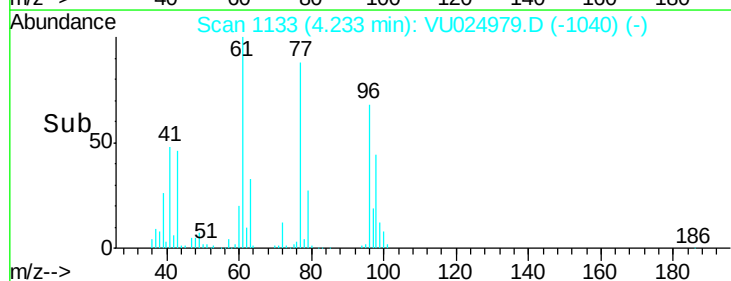
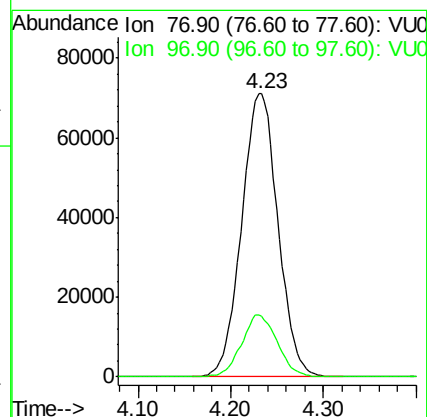
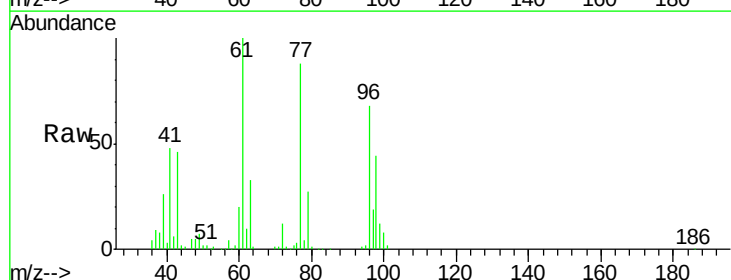
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

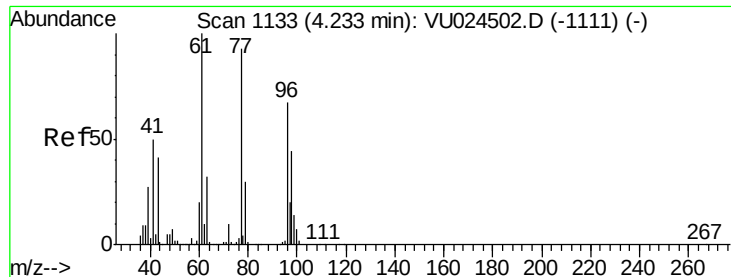
Tgt Ion: 43 Resp: 518444
 Ion Ratio Lower Upper
 43 100
 72 26.1 19.6 29.4



#26
 2,2-Dichloropropane
 Concen: 45.968 ug/l
 RT: 4.23 min Scan# 1133
 Delta R.T. -0.00 min
 Lab File: VU024979.D
 Acq: 27 Jun 2018 20:31

Tgt Ion: 77 Resp: 192734
 Ion Ratio Lower Upper
 77 100
 97 21.5 11.3 33.8





#27

cis-1,2-Dichloroethene

Concen: 51.587 ug/l

RT: 4.23 min Scan# 1132

Delta R.T. -0.00 min

Lab File: VU024979.D

Acq: 27 Jun 2018 20:31

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

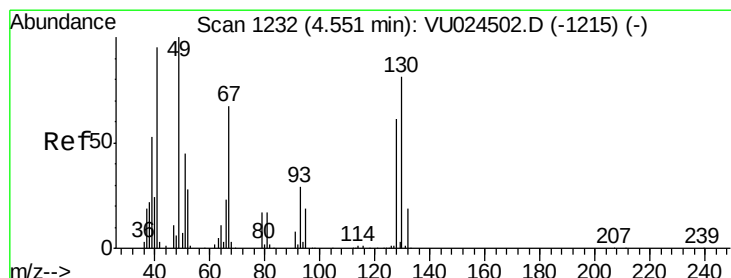
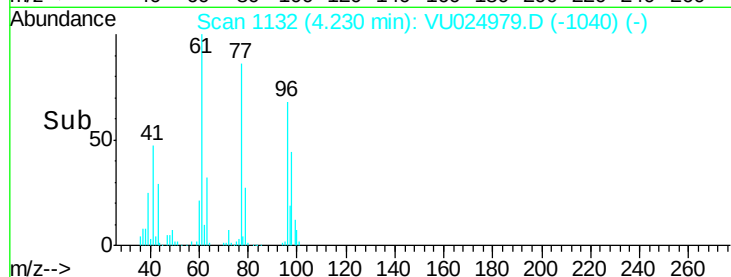
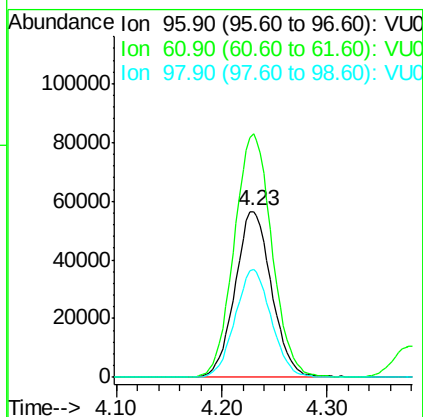
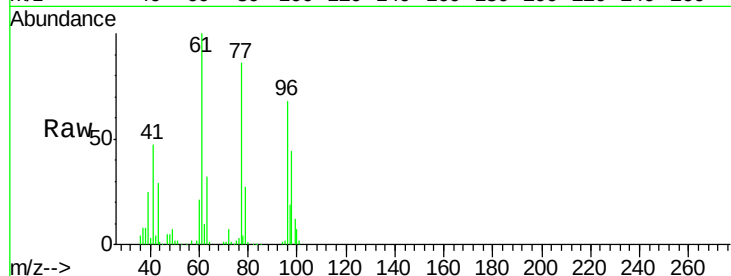
Tgt Ion: 96 Resp: 136218

Ion Ratio Lower Upper

96 100

61 151.4 0.0 306.6

98 64.3 0.0 128.8



#28

Bromochloromethane

Concen: 21.736 ug/l

RT: 4.55 min Scan# 1232

Delta R.T. -0.00 min

Lab File: VU024979.D

Acq: 27 Jun 2018 20:31

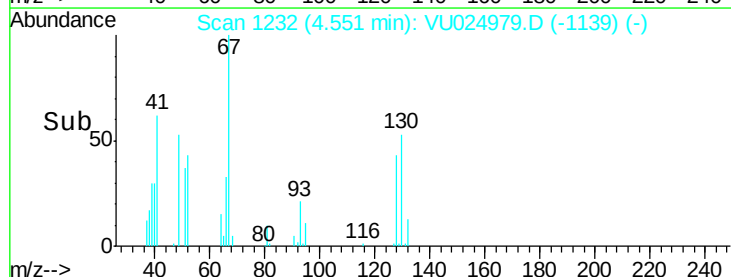
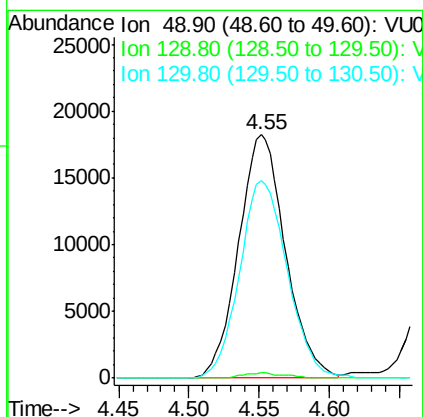
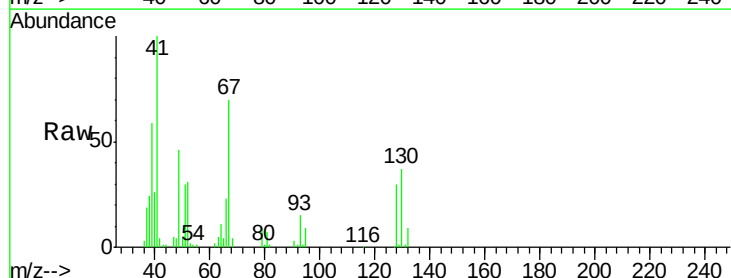
Tgt Ion: 49 Resp: 42274

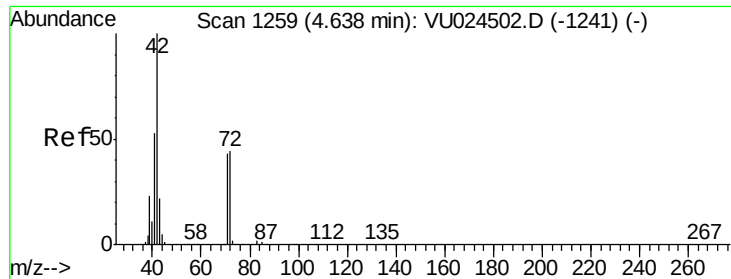
Ion Ratio Lower Upper

49 100

129 1.8 0.0 3.8

130 82.8 57.8 86.6





#29

Tetrahydrofuran

Concen: 247.155 ug/l

RT: 4.63 min Scan# 1258

Delta R.T. -0.00 min

Lab File: VU024979.D

Acq: 27 Jun 2018 20:31

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

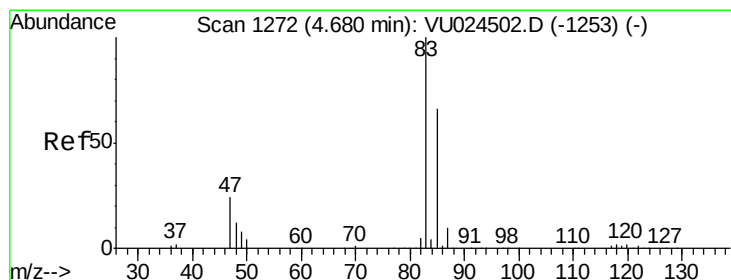
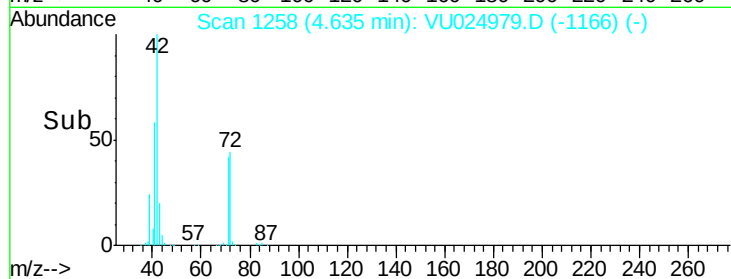
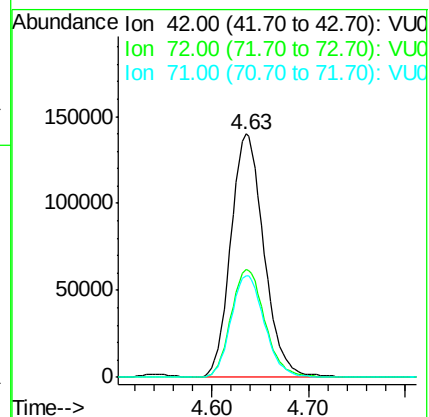
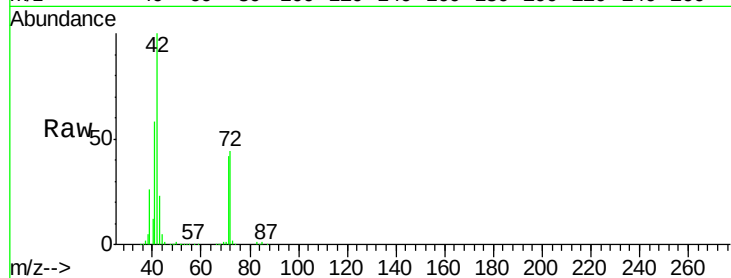
Tgt Ion: 42 Resp: 330268

Ion Ratio Lower Upper

42 100

72 45.8 34.5 51.7

71 42.6 32.2 48.4



#30

Chloroform

Concen: 53.278 ug/l

RT: 4.68 min Scan# 1271

Delta R.T. -0.00 min

Lab File: VU024979.D

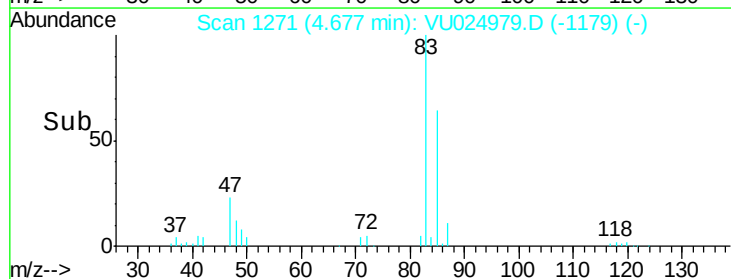
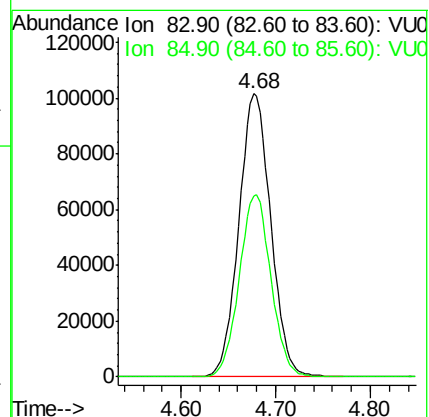
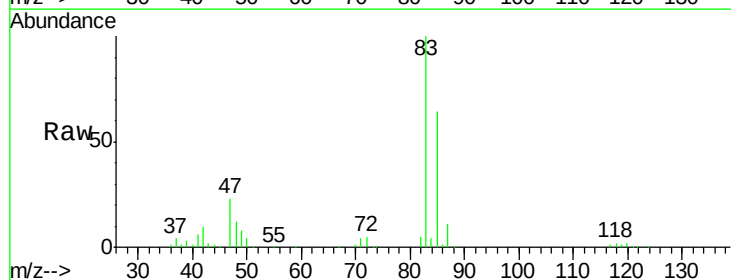
Acq: 27 Jun 2018 20:31

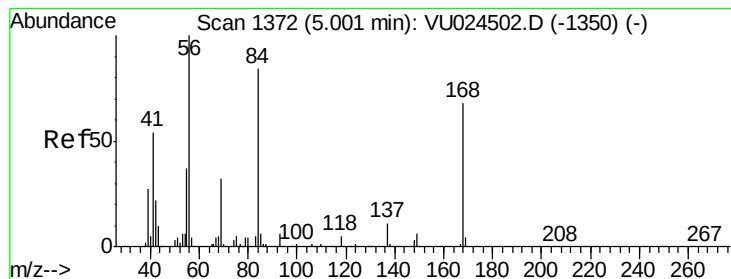
Tgt Ion: 83 Resp: 238113

Ion Ratio Lower Upper

83 100

85 64.1 52.4 78.6





#31

Cyclohexane

Concen: 52.962 ug/l

RT: 5.00 min Scan# 1371

Delta R.T. -0.00 min

Lab File: VU024979.D

Acq: 27 Jun 2018 20:31

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

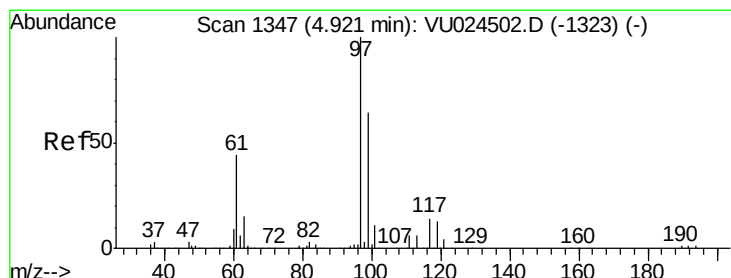
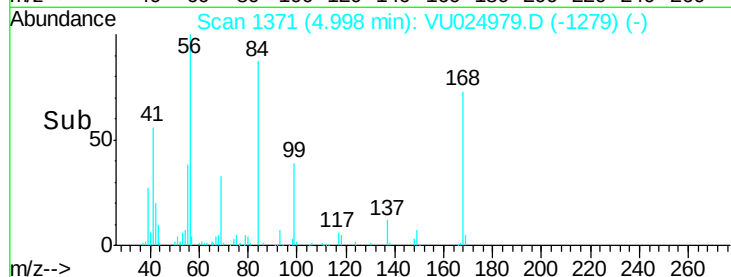
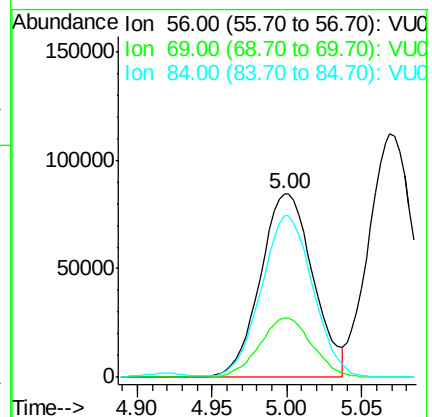
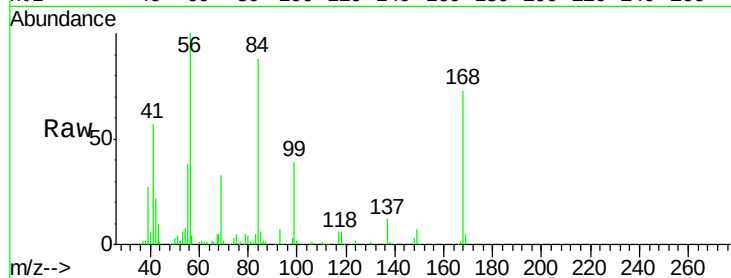
Tgt Ion: 56 Resp: 207214

Ion Ratio Lower Upper

56 100

69 32.6 24.8 37.2

84 87.0 65.2 97.8



#32

1,1,1-Trichloroethane

Concen: 52.479 ug/l

RT: 4.92 min Scan# 1347

Delta R.T. -0.00 min

Lab File: VU024979.D

Acq: 27 Jun 2018 20:31

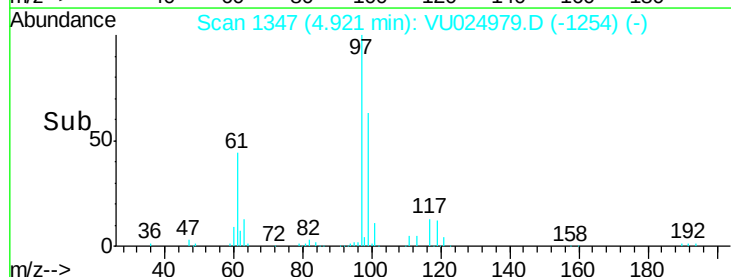
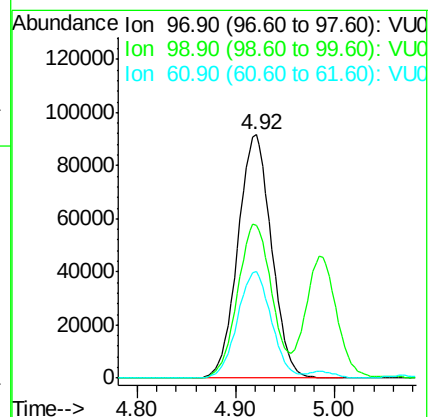
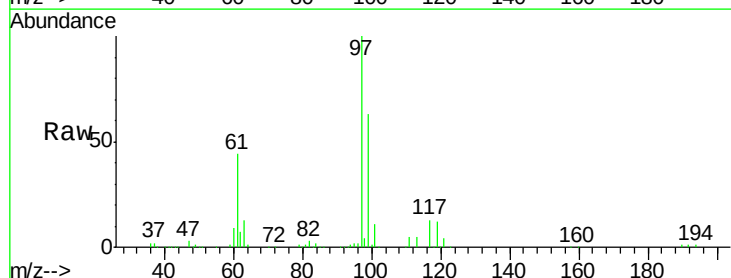
Tgt Ion: 97 Resp: 216890

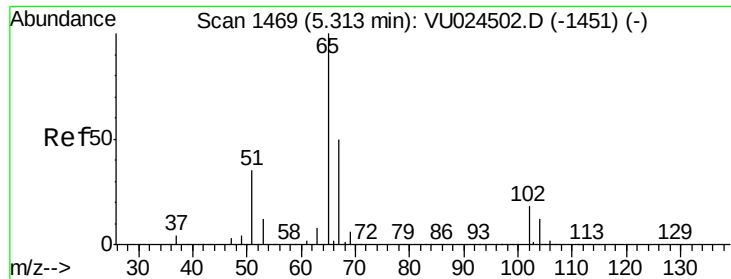
Ion Ratio Lower Upper

97 100

99 64.8 51.0 76.6

61 44.3 39.4 59.0

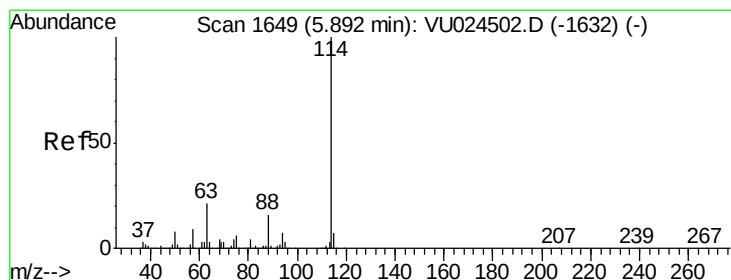
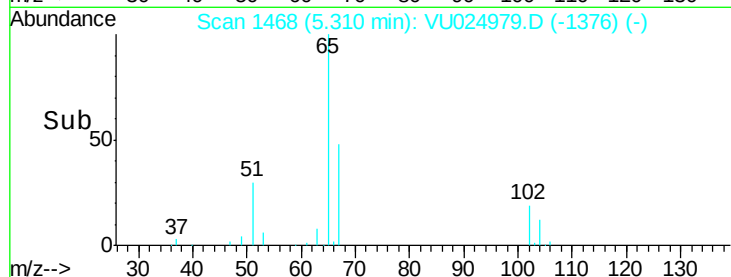
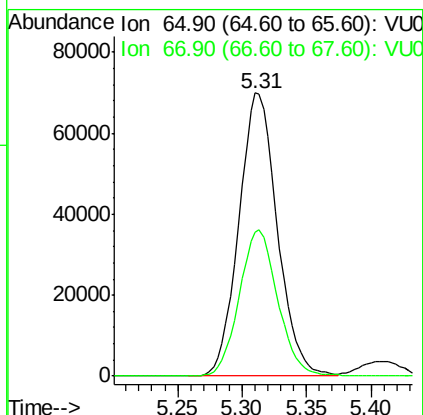
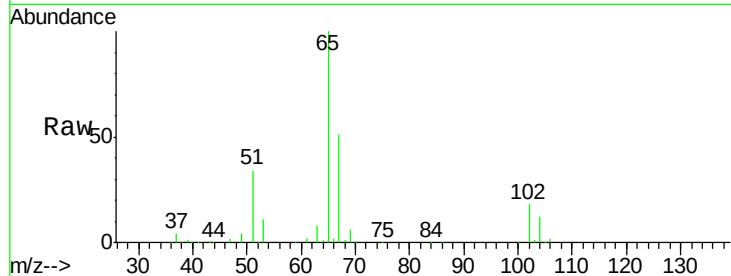




#33
 1,2-Dichloroethane-d4
 Concen: 48.590 ug/l
 RT: 5.31 min Scan# 1468
 Delta R.T. -0.00 min
 Lab File: VU024979.D
 Acq: 27 Jun 2018 20:31

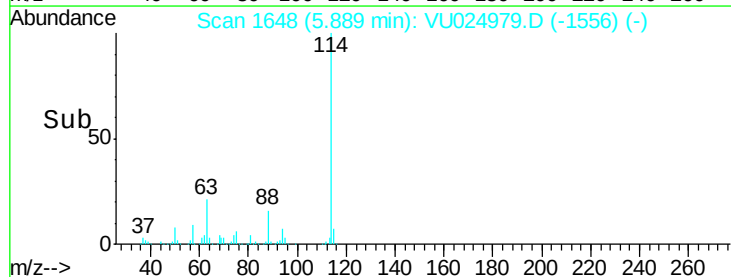
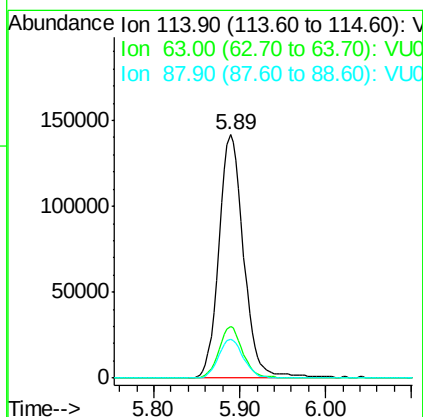
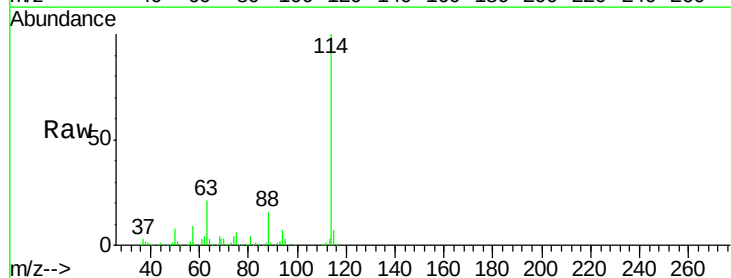
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

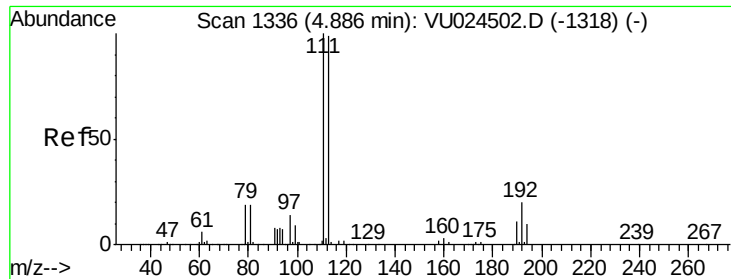
Tgt Ion: 65 Resp: 145278
 Ion Ratio Lower Upper
 65 100
 67 51.6 0.0 107.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1648
 Delta R.T. -0.00 min
 Lab File: VU024979.D
 Acq: 27 Jun 2018 20:31

Tgt Ion: 114 Resp: 284538
 Ion Ratio Lower Upper
 114 100
 63 21.3 0.0 45.4
 88 15.8 0.0 31.0

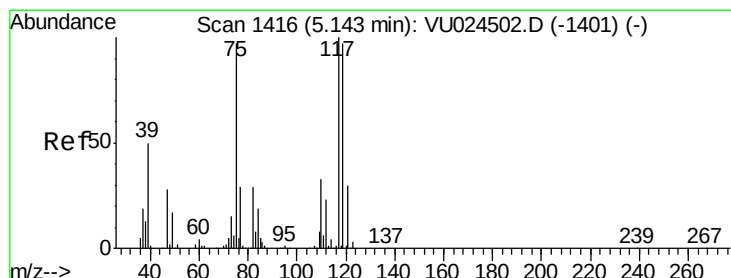
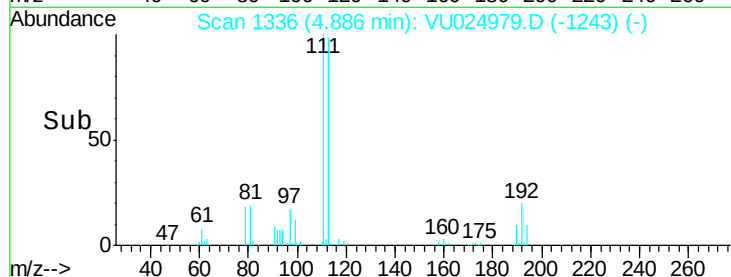
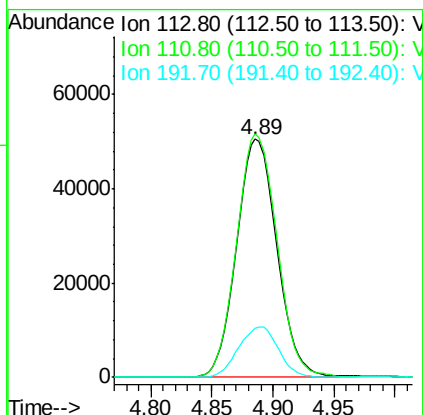
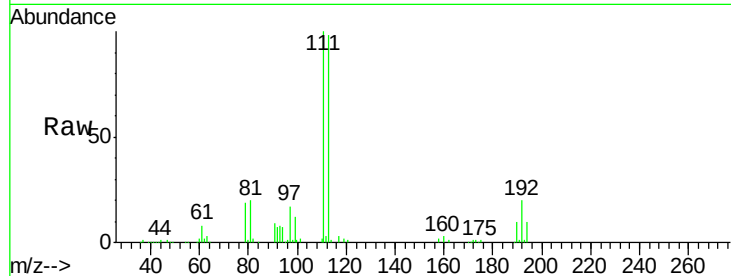




#35
 Dibromofluoromethane
 Concen: 48.922 ug/l
 RT: 4.89 min Scan# 1336
 Delta R.T. -0.00 min
 Lab File: VU024979.D
 Acq: 27 Jun 2018 20:31

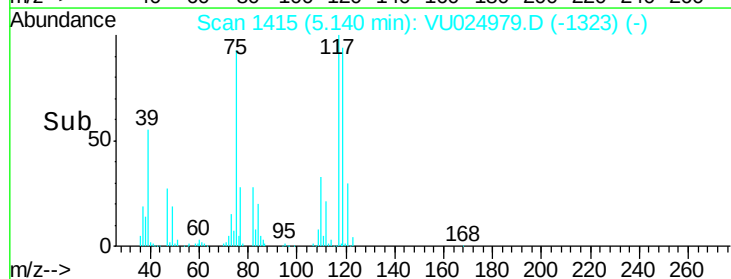
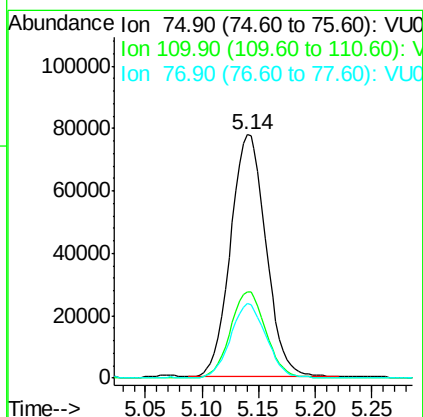
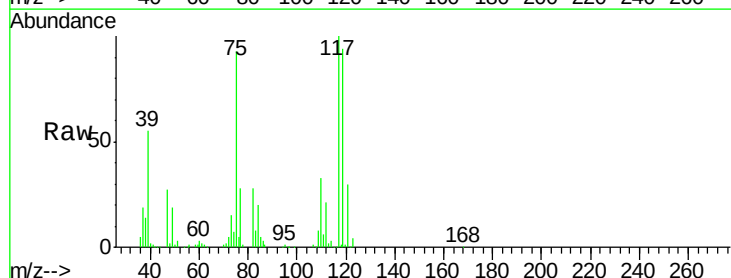
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

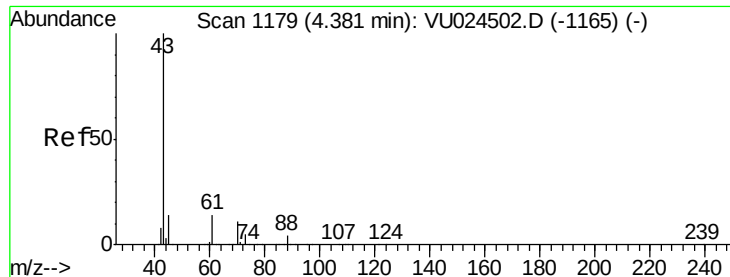
Tgt Ion: 113 Resp: 115527
 Ion Ratio Lower Upper
 113 100
 111 102.5 82.2 123.4
 192 21.0 16.2 24.4



#36
 1,1-Dichloropropene
 Concen: 50.612 ug/l
 RT: 5.14 min Scan# 1415
 Delta R.T. -0.00 min
 Lab File: VU024979.D
 Acq: 27 Jun 2018 20:31

Tgt Ion: 75 Resp: 169224
 Ion Ratio Lower Upper
 75 100
 110 36.0 17.0 50.9
 77 30.4 24.2 36.4

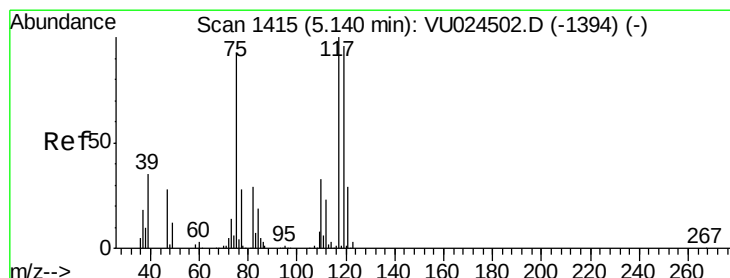
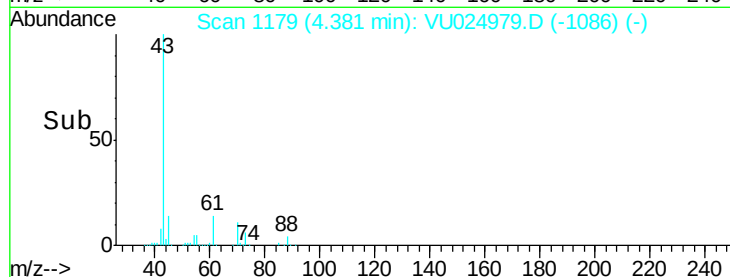
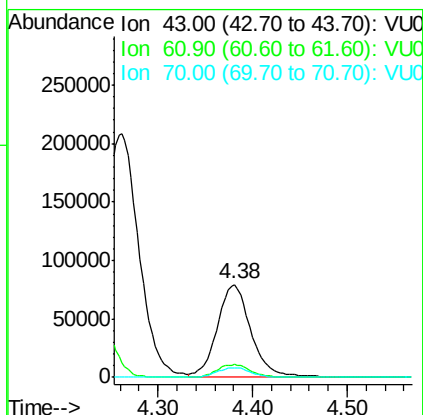
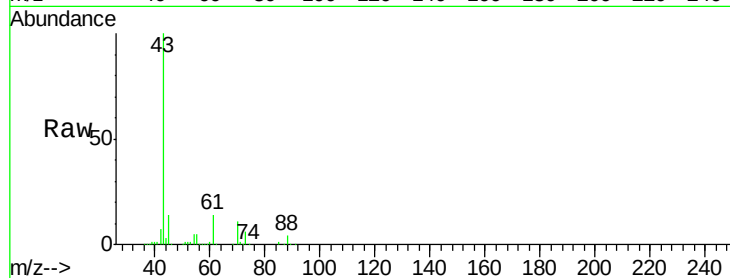




#37
Ethyl Acetate
Concen: 52.995 ug/l
RT: 4.38 min Scan# 1179
Delta R.T. -0.00 min
Lab File: VU024979.D
Acq: 27 Jun 2018 20:31

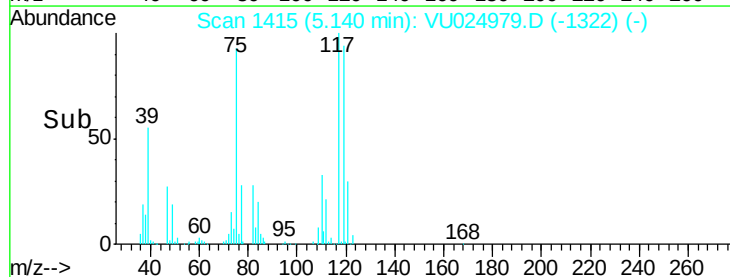
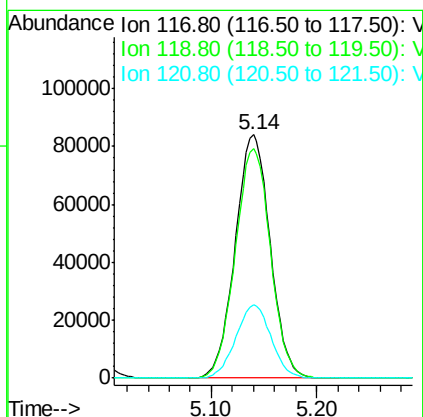
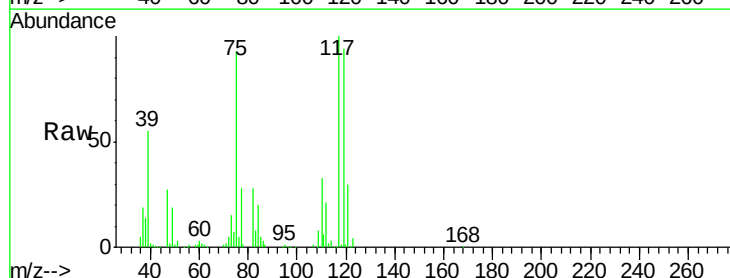
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

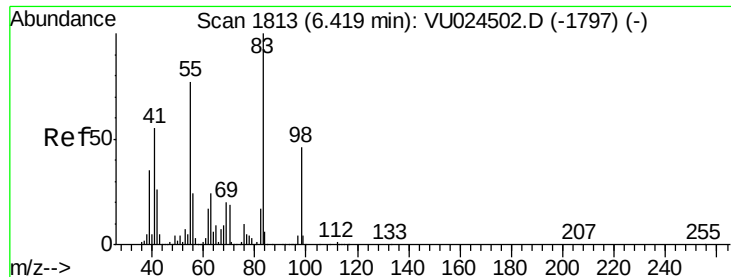
Tgt Ion: 43 Resp: 193124
Ion Ratio Lower Upper
43 100
61 13.4 10.5 15.7
70 10.6 7.4 11.2



#38
Carbon Tetrachloride
Concen: 52.528 ug/l
RT: 5.14 min Scan# 1415
Delta R.T. -0.00 min
Lab File: VU024979.D
Acq: 27 Jun 2018 20:31

Tgt Ion: 117 Resp: 193134
Ion Ratio Lower Upper
117 100
119 94.3 76.1 114.1
121 30.1 23.7 35.5

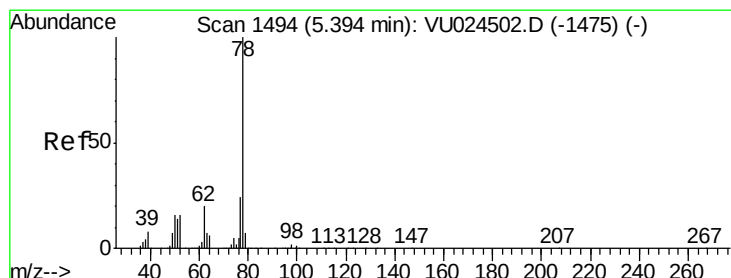
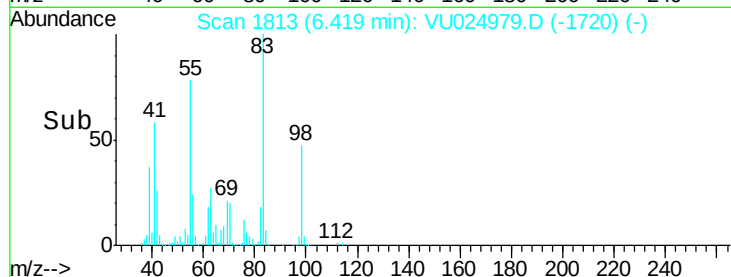
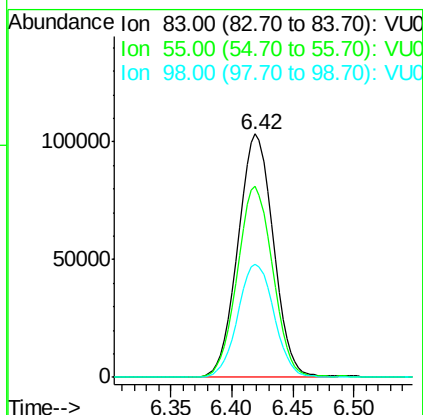
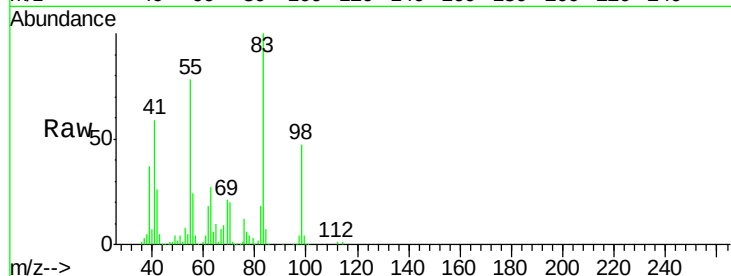




#39
Methylcyclohexane
Concen: 49.862 ug/l
RT: 6.42 min Scan# 1813
Delta R.T. -0.00 min
Lab File: VU024979.D
Acq: 27 Jun 2018 20:31

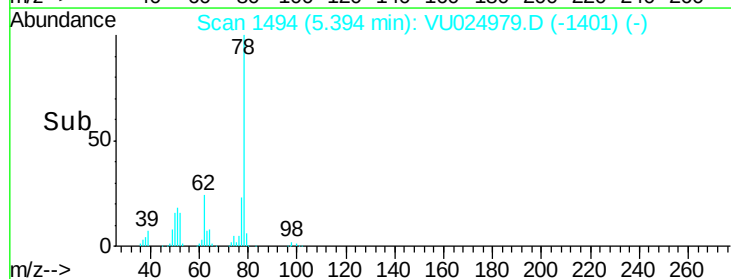
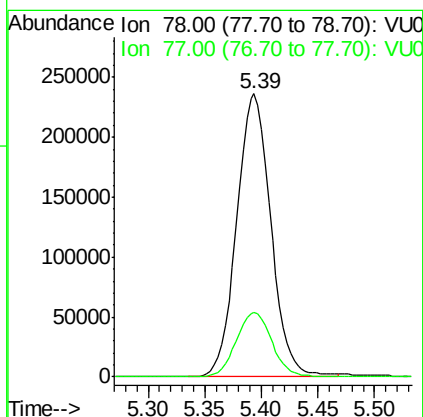
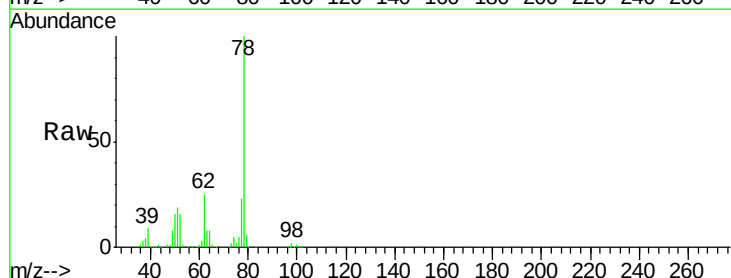
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

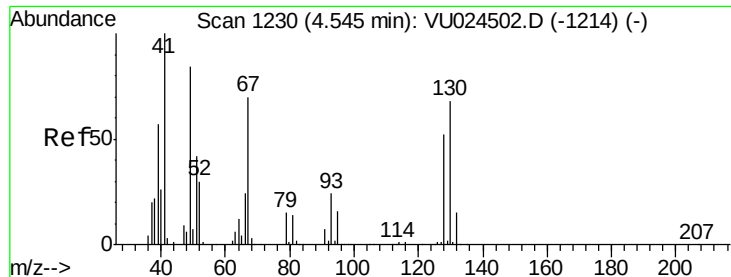
Tgt Ion: 83 Resp: 208047
Ion Ratio Lower Upper
83 100
55 78.4 65.8 98.6
98 46.6 36.7 55.1



#40
Benzene
Concen: 52.277 ug/l
RT: 5.39 min Scan# 1494
Delta R.T. -0.00 min
Lab File: VU024979.D
Acq: 27 Jun 2018 20:31

Tgt Ion: 78 Resp: 498055
Ion Ratio Lower Upper
78 100
77 23.0 19.2 28.8

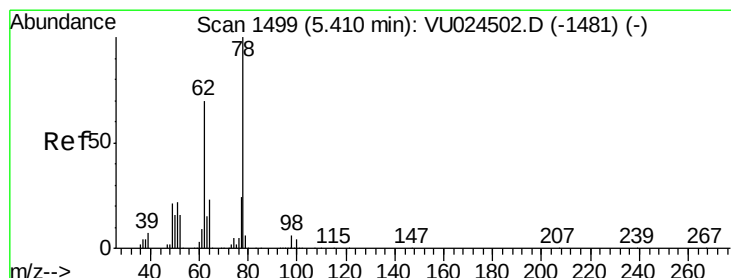
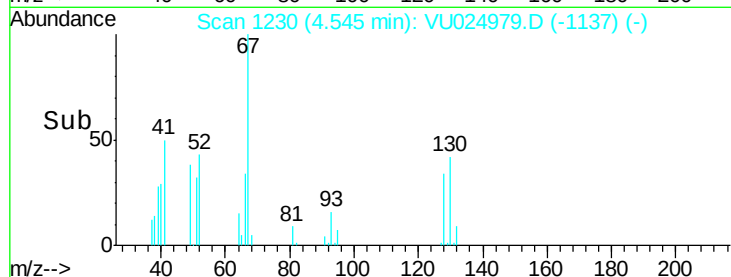
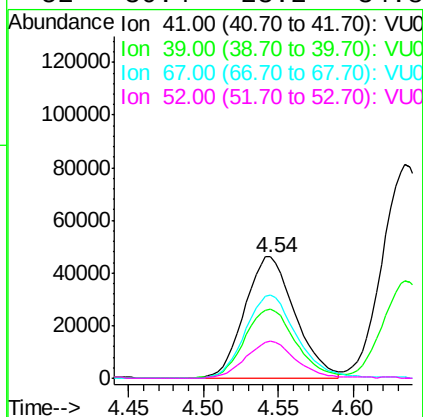
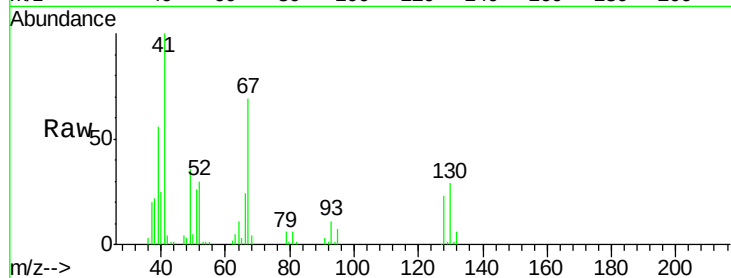




#41
Methacrylonitrile
Concen: 54.878 ug/l
RT: 4.54 min Scan# 1230
Delta R.T. -0.00 min
Lab File: VU024979.D
Acq: 27 Jun 2018 20:31

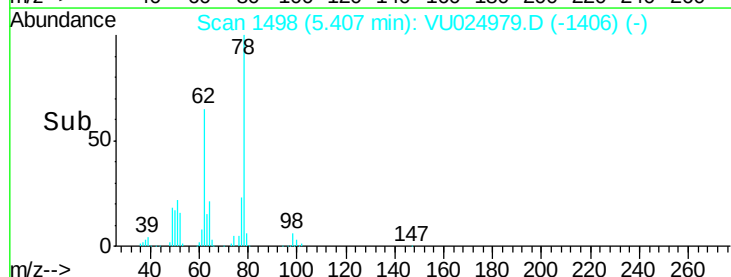
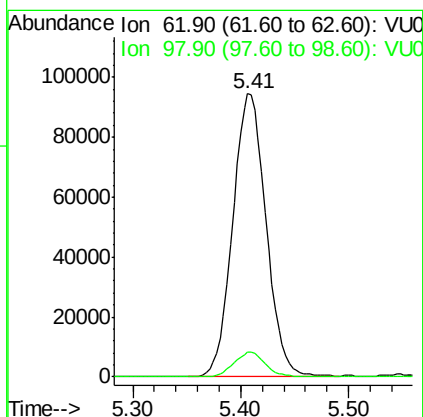
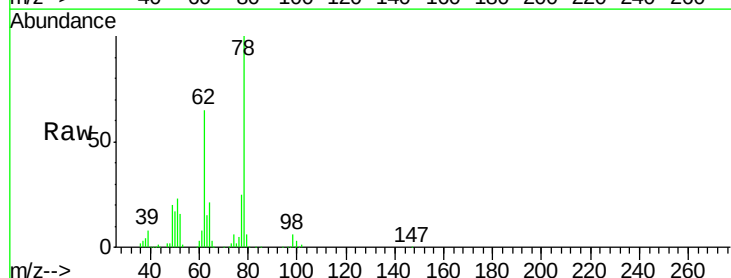
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

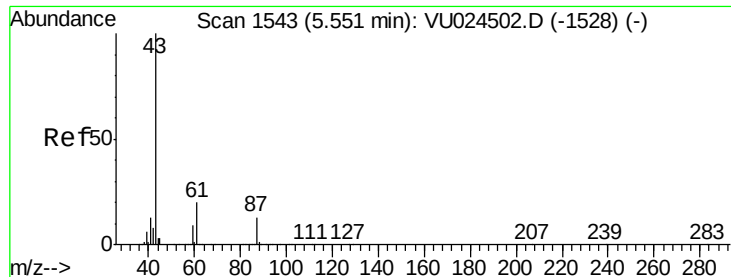
Tgt Ion:	41	Resp:	107825
Ion	Ratio	Lower	Upper
41	100		
39	58.0	43.8	65.6
67	70.1	56.3	84.5
52	30.4	23.2	34.8



#42
1,2-Dichloroethane
Concen: 56.149 ug/l
RT: 5.41 min Scan# 1498
Delta R.T. -0.00 min
Lab File: VU024979.D
Acq: 27 Jun 2018 20:31

Tgt Ion:	62	Resp:	203742
Ion	Ratio	Lower	Upper
62	100		
98	8.3	0.0	16.6





#43

Isopropyl Acetate

Concen: 49.080 ug/l

RT: 5.55 min Scan# 1542

Delta R.T. -0.00 min

Lab File: VU024979.D

Acq: 27 Jun 2018 20:31

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

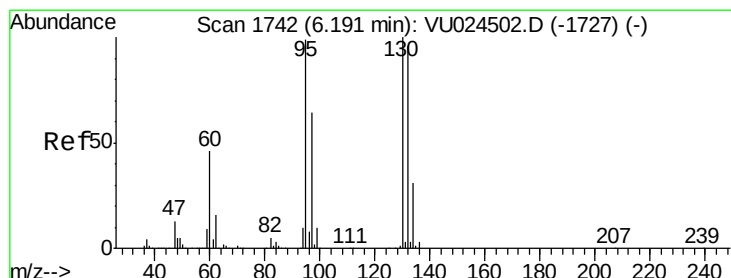
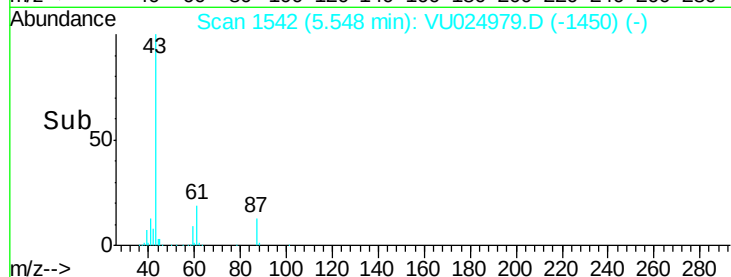
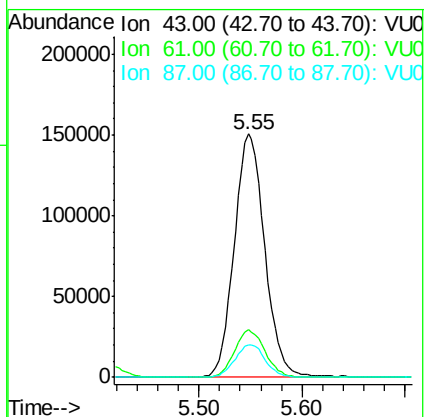
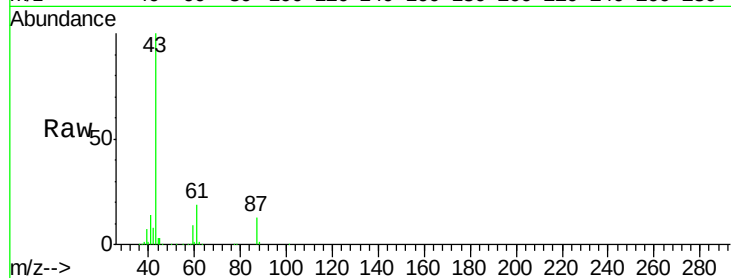
Tgt Ion: 43 Resp: 309163

Ion Ratio Lower Upper

43 100

61 19.8 15.4 23.0

87 13.4 10.0 15.0



#44

Trichloroethene

Concen: 51.372 ug/l

RT: 6.19 min Scan# 1742

Delta R.T. -0.00 min

Lab File: VU024979.D

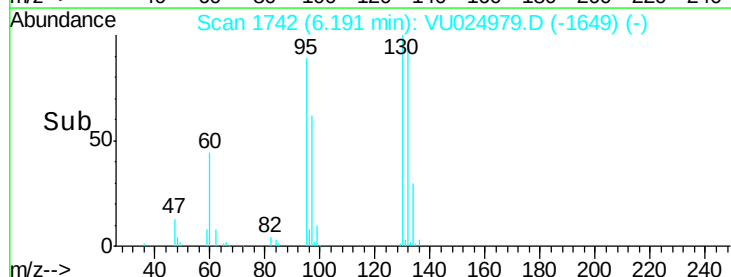
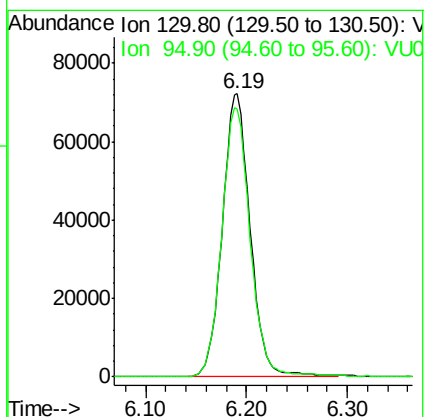
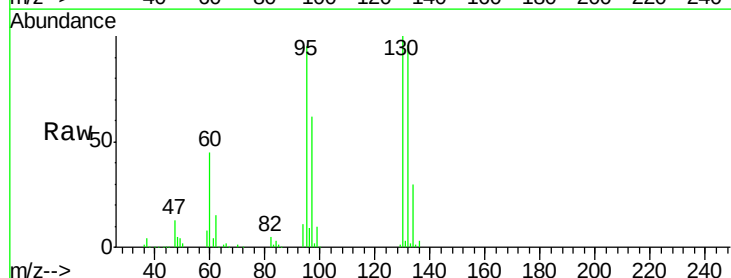
Acq: 27 Jun 2018 20:31

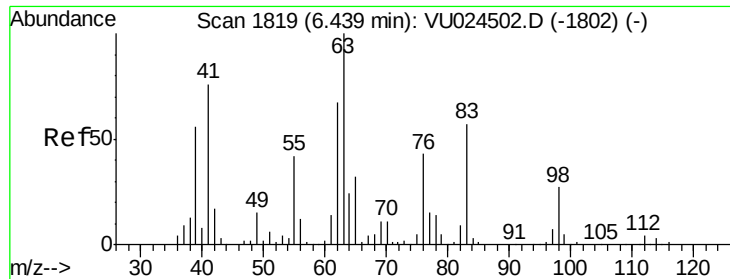
Tgt Ion: 130 Resp: 139292

Ion Ratio Lower Upper

130 100

95 94.8 0.0 202.4

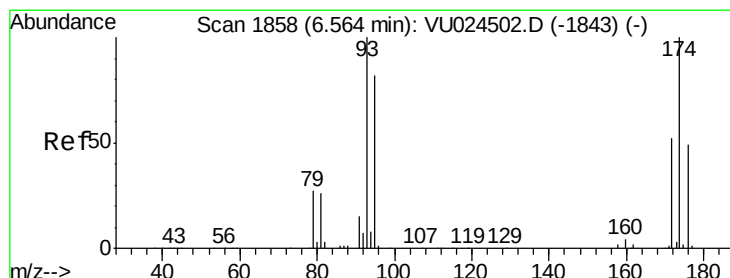
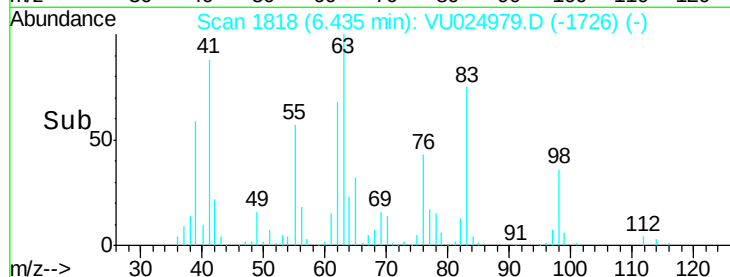
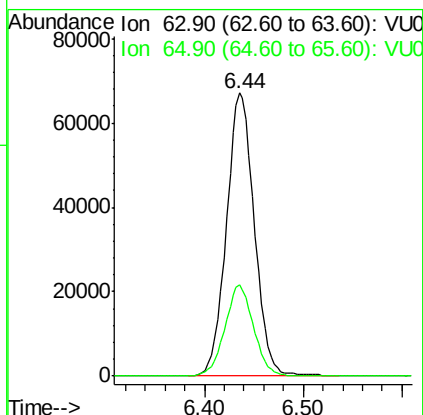
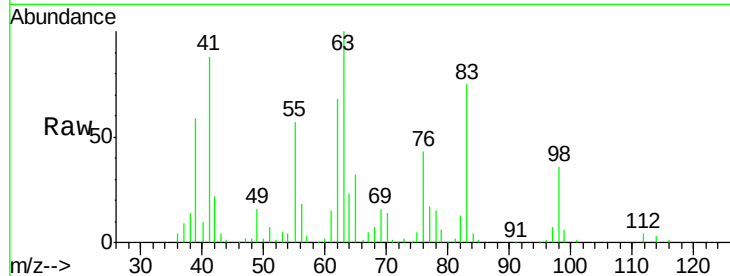




#45
 1,2-Dichloropropane
 Concen: 52.143 ug/l
 RT: 6.44 min Scan# 1818
 Delta R.T. -0.00 min
 Lab File: VU024979.D
 Acq: 27 Jun 2018 20:31

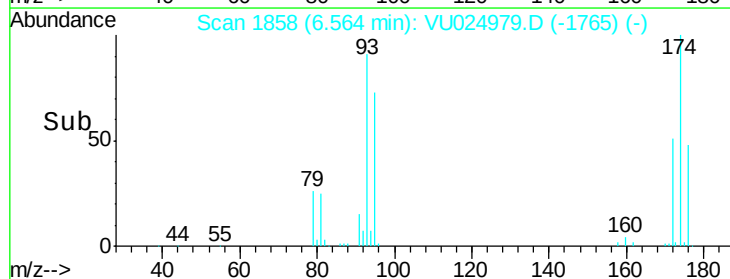
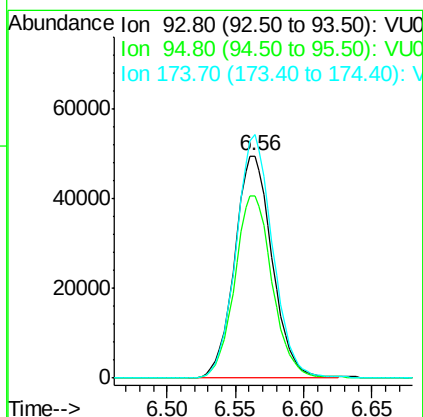
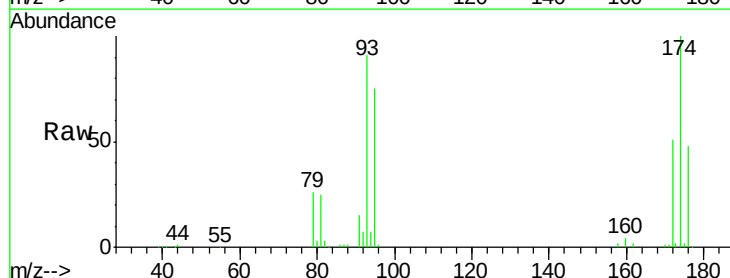
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

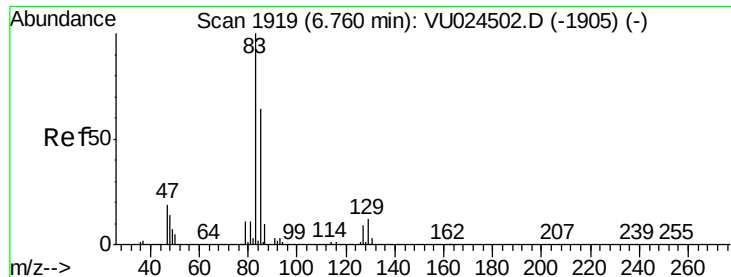
Tgt Ion: 63 Resp: 132552
 Ion Ratio Lower Upper
 63 100
 65 32.1 24.8 37.2



#46
 Dibromomethane
 Concen: 53.046 ug/l
 RT: 6.56 min Scan# 1858
 Delta R.T. -0.00 min
 Lab File: VU024979.D
 Acq: 27 Jun 2018 20:31

Tgt Ion: 93 Resp: 94719
 Ion Ratio Lower Upper
 93 100
 95 82.3 65.5 98.3
 174 107.0 78.7 118.1





#47

Bromodichloromethane

Concen: 51.235 ug/l

RT: 6.76 min Scan# 1919

Delta R.T. -0.00 min

Lab File: VU024979.D

Acq: 27 Jun 2018 20:31

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

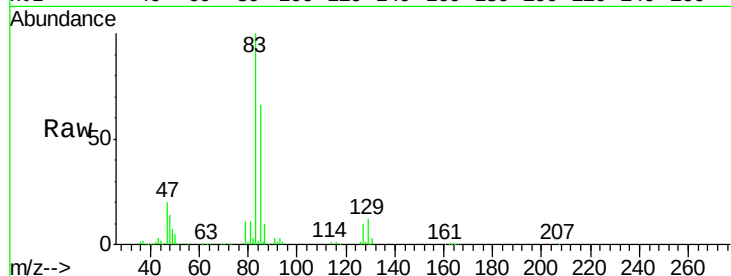
Tgt Ion: 83 Resp: 182175

Ion Ratio Lower Upper

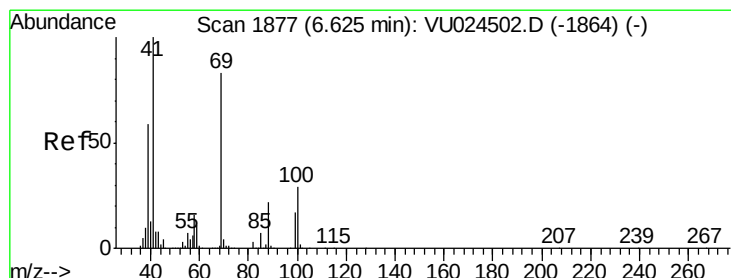
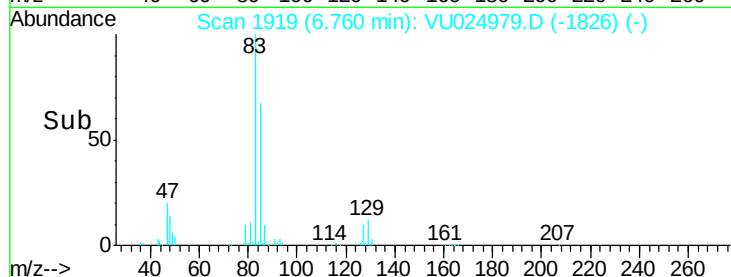
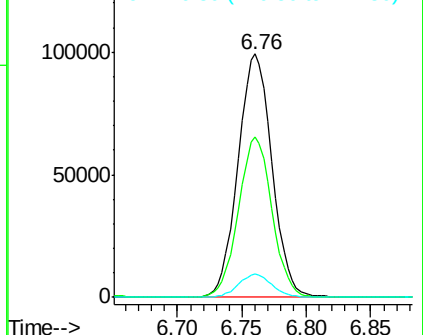
83 100

85 65.8 51.9 77.9

127 9.6 6.6 9.8



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



#48

Methyl methacrylate

Concen: 52.103 ug/l

RT: 6.62 min Scan# 1876

Delta R.T. -0.00 min

Lab File: VU024979.D

Acq: 27 Jun 2018 20:31

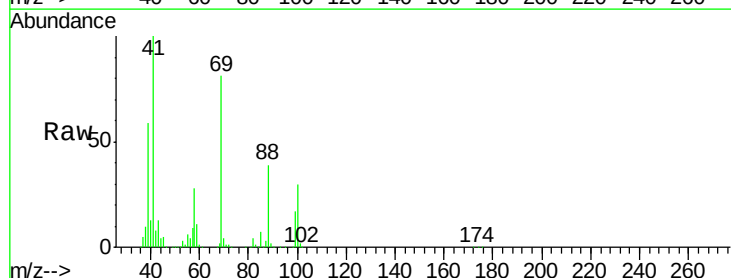
Tgt Ion: 41 Resp: 159816

Ion Ratio Lower Upper

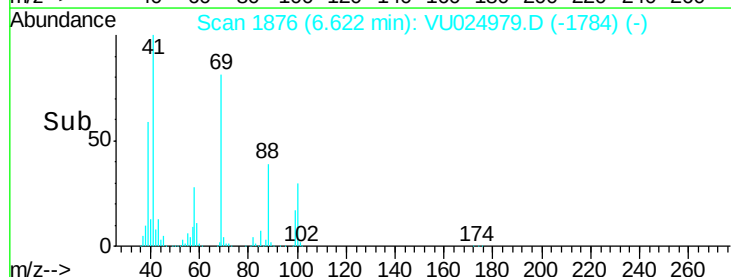
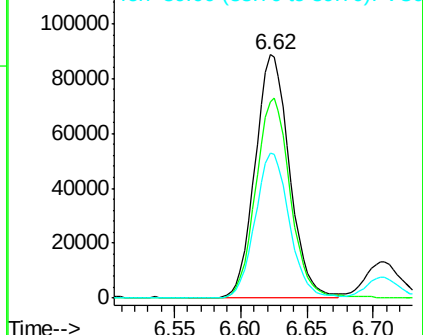
41 100

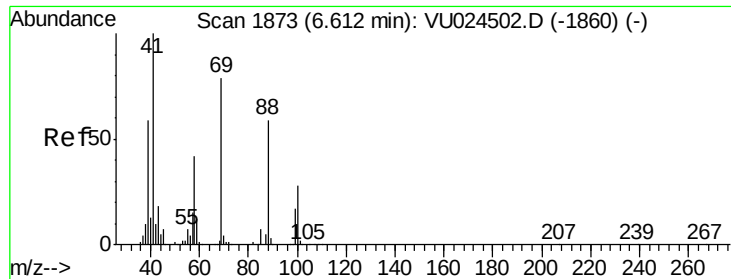
69 83.1 67.3 100.9

39 58.9 46.5 69.7



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

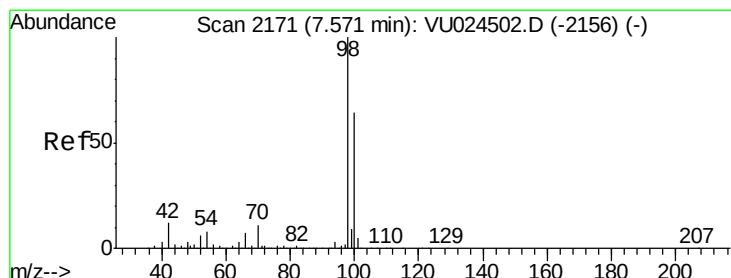
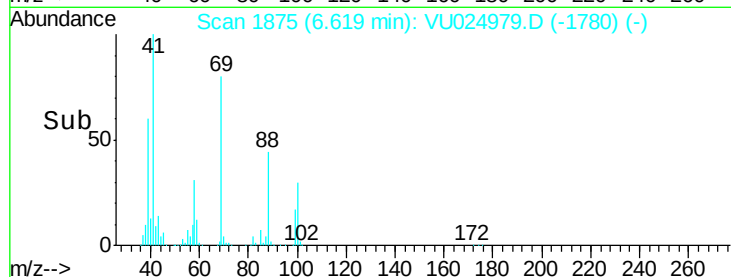
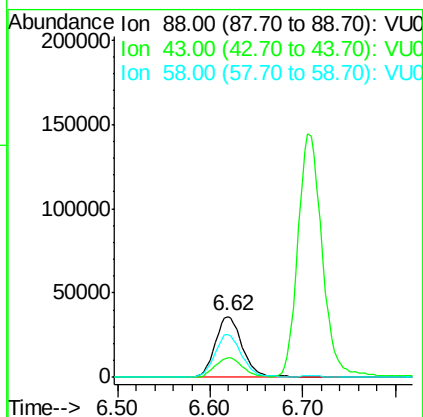
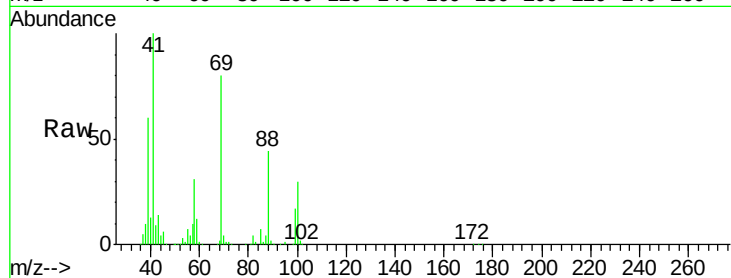




#49
1,4-Dioxane
Concen: 1203.473 ug/l
RT: 6.62 min Scan# 1875
Delta R.T. 0.01 min
Lab File: VU024979.D
Acq: 27 Jun 2018 20:31

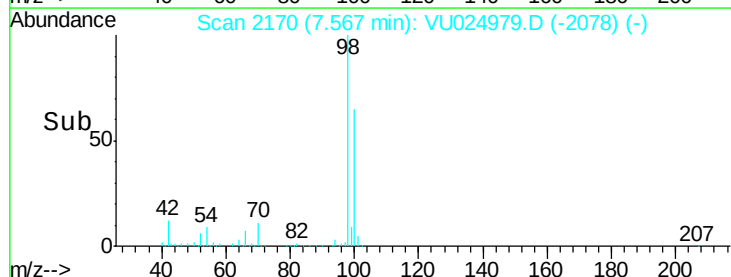
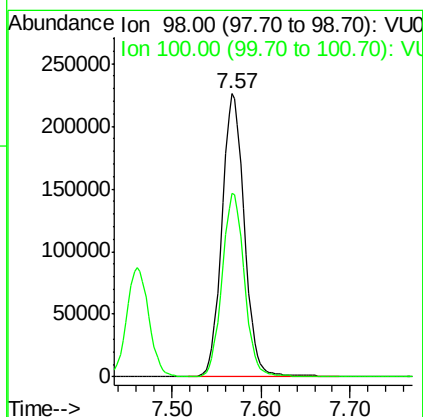
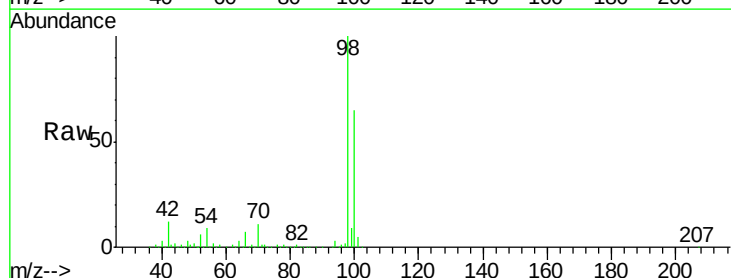
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

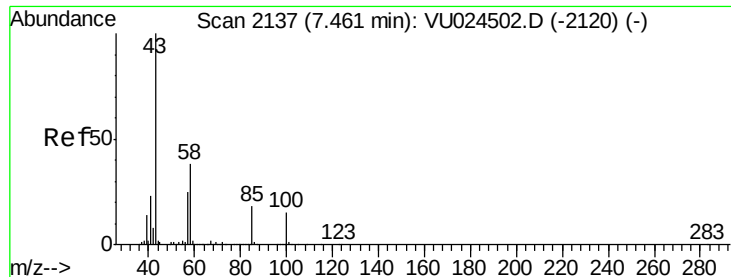
Tgt Ion: 88 Resp: 72191
Ion Ratio Lower Upper
88 100
43 33.2 28.6 42.8
58 70.3 58.2 87.4



#50
Toluene-d8
Concen: 45.779 ug/l
RT: 7.57 min Scan# 2170
Delta R.T. -0.00 min
Lab File: VU024979.D
Acq: 27 Jun 2018 20:31

Tgt Ion: 98 Resp: 394319
Ion Ratio Lower Upper
98 100
100 63.6 51.1 76.7





#51

4-Methyl-2-Pentanone

Concen: 251.251 ug/l

RT: 7.46 min Scan# 2137

Delta R.T. -0.00 min

Lab File: VU024979.D

Acq: 27 Jun 2018 20:31

Instrument :

MSVOA_U

ClientSampleId :

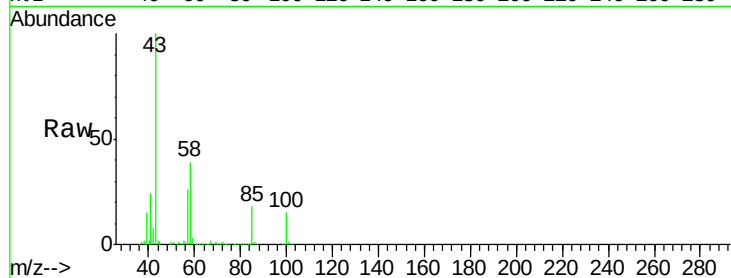
VSTDCCC050EC

Tgt Ion: 43 Resp: 994321

Ion Ratio Lower Upper

43 100

58 38.8 30.0 45.0



Abundance Ion 43.00 (42.70 to 43.70): VU024502.D (-2120) (-)

Ion 58.00 (57.70 to 58.70): VU024502.D (-2120) (-)

7.46

600000

500000

400000

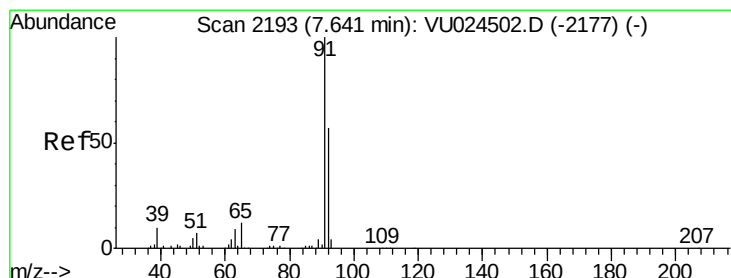
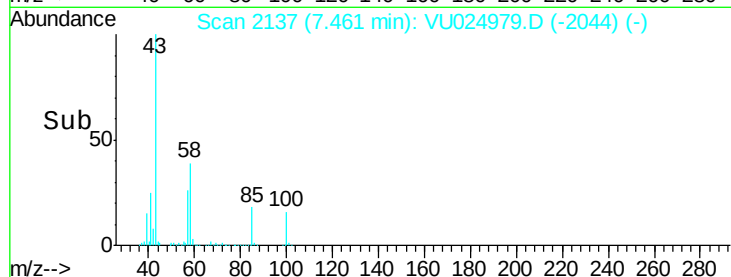
300000

200000

100000

0

Time-->



#52

Toluene

Concen: 52.147 ug/l

RT: 7.64 min Scan# 2193

Delta R.T. -0.00 min

Lab File: VU024979.D

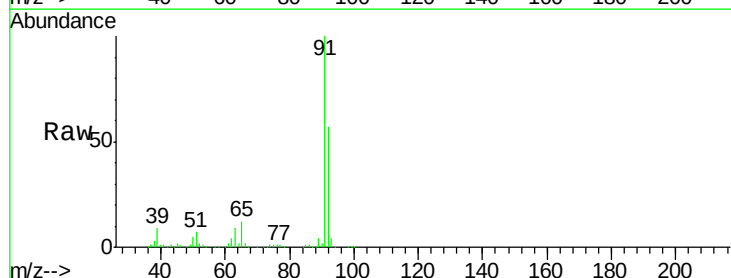
Acq: 27 Jun 2018 20:31

Tgt Ion: 92 Resp: 319637

Ion Ratio Lower Upper

92 100

91 175.9 140.5 210.7



Abundance Ion 92.00 (91.70 to 92.70): VU024502.D (-2177) (-)

Ion 91.00 (90.70 to 91.70): VU024502.D (-2177) (-)

7.64

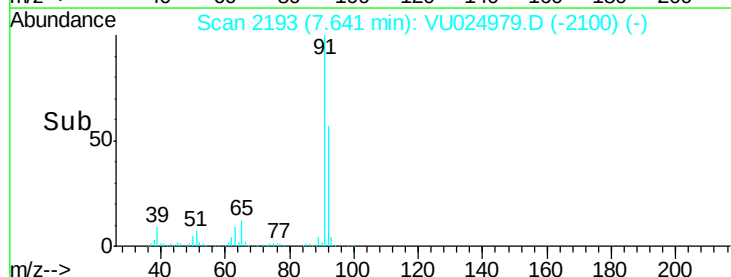
300000

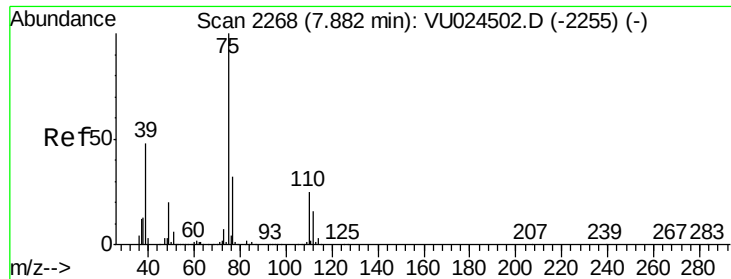
200000

100000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 49.843 ug/l

RT: 7.88 min Scan# 2268

Delta R.T. -0.00 min

Lab File: VU024979.D

Acq: 27 Jun 2018 20:31

Instrument :

MSVOA_U

ClientSampleId :

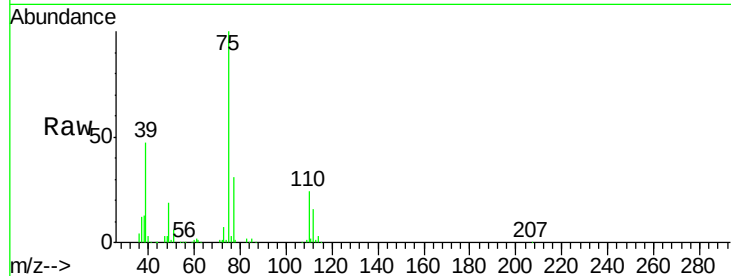
VSTDCCC050EC

Tgt Ion: 75 Resp: 199023

Ion Ratio Lower Upper

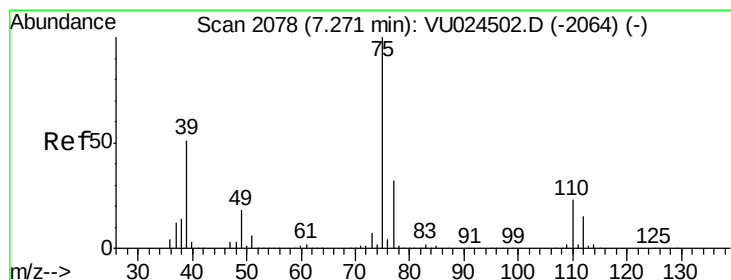
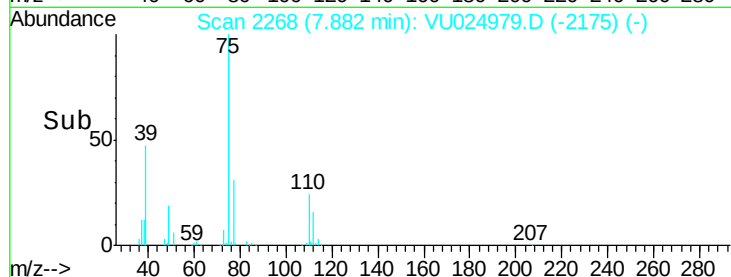
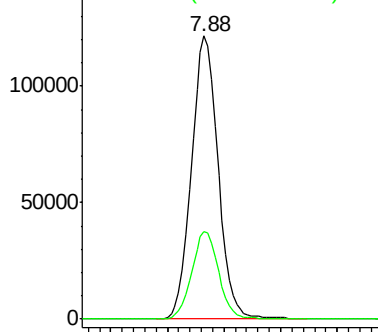
75 100

77 31.1 24.8 37.2



Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 76.90 (76.60 to 77.60): VU0



#54

cis-1,3-Dichloropropene

Concen: 49.125 ug/l

RT: 7.27 min Scan# 2078

Delta R.T. -0.00 min

Lab File: VU024979.D

Acq: 27 Jun 2018 20:31

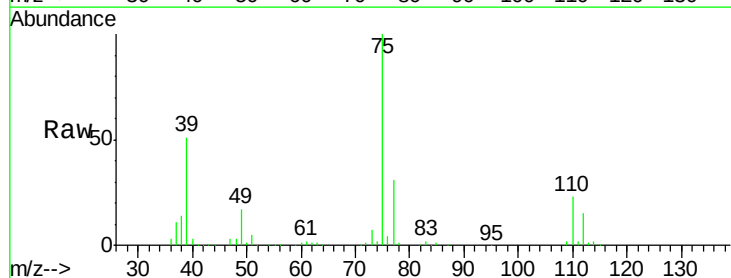
Tgt Ion: 75 Resp: 209018

Ion Ratio Lower Upper

75 100

77 30.9 24.6 36.8

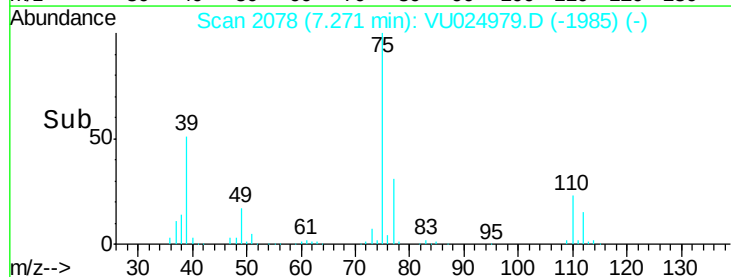
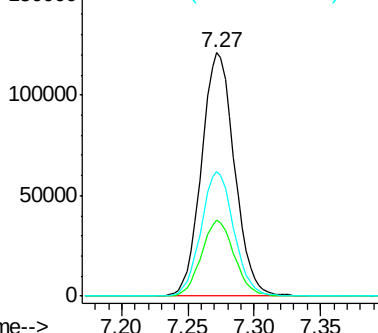
39 51.1 39.8 59.6

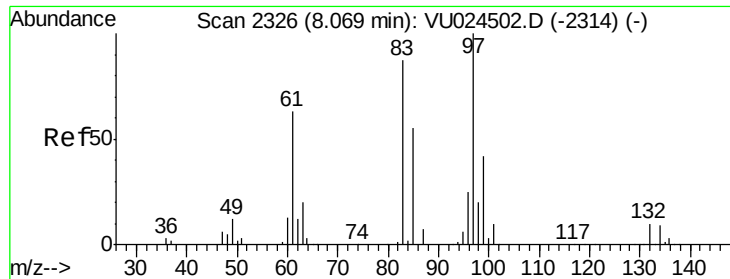


Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 76.90 (76.60 to 77.60): VU0

Ion 39.00 (38.70 to 39.70): VU0

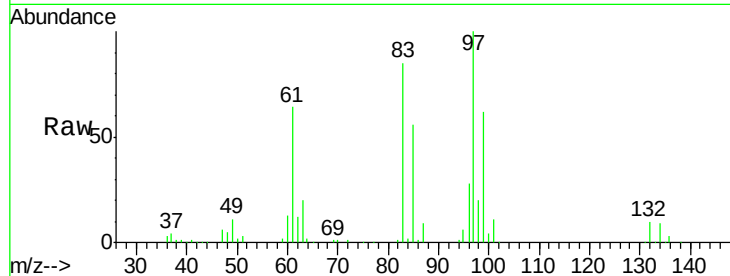




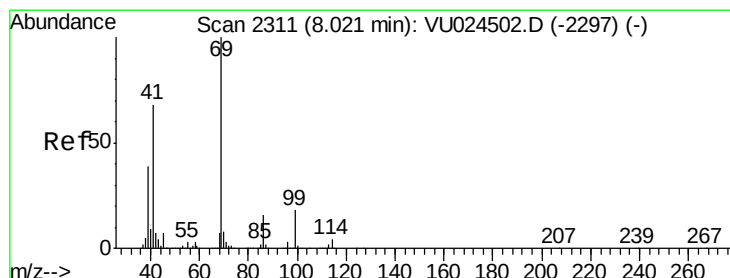
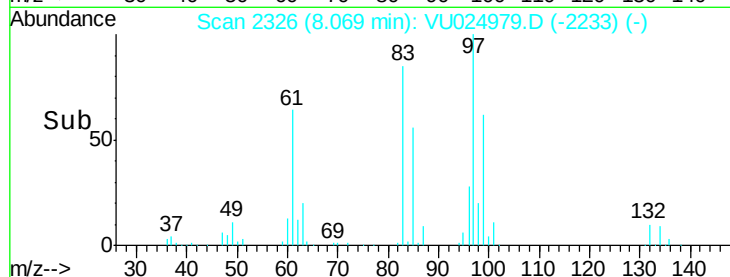
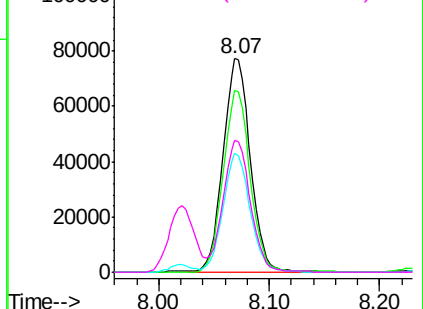
#55
 1,1,2-Trichloroethane
 Concen: 52.947 ug/l
 RT: 8.07 min Scan# 2326
 Delta R.T. -0.00 min
 Lab File: VU024979.D
 Acq: 27 Jun 2018 20:31

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:	97	Resp:	131922
Ion	Ratio	Lower	Upper
97	100		
83	85.1	70.5	105.7
85	55.9	46.4	69.6
99	61.4	50.2	75.2

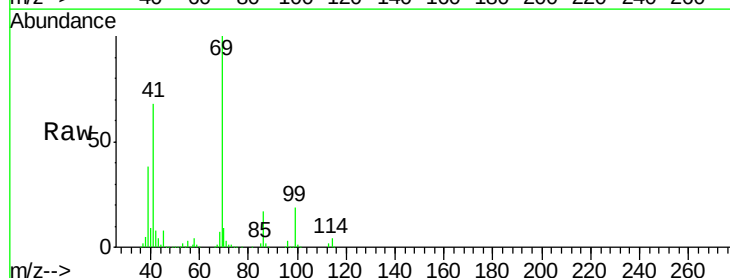


Abundance Ion 96.90 (96.60 to 97.60): VU0
 Ion 82.90 (82.60 to 83.60): VU0
 Ion 84.90 (84.60 to 85.60): VU0
 Ion 98.90 (98.60 to 99.60): VU0

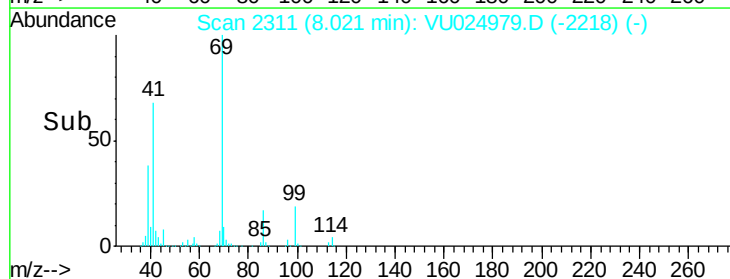
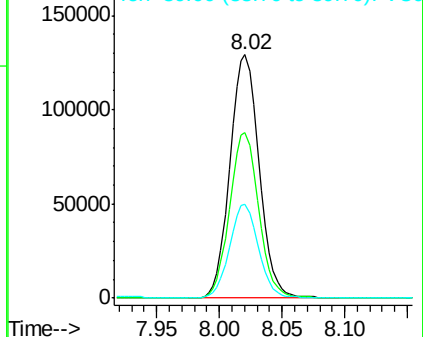


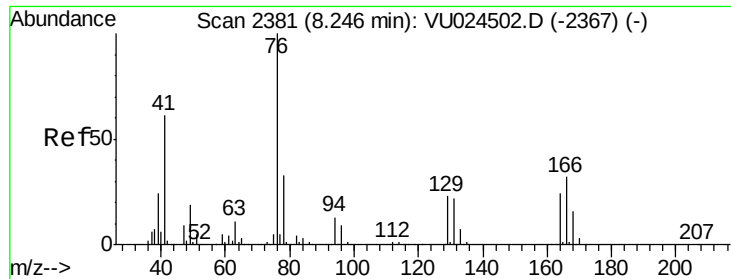
#56
 Ethyl methacrylate
 Concen: 50.176 ug/l
 RT: 8.02 min Scan# 2311
 Delta R.T. -0.00 min
 Lab File: VU024979.D
 Acq: 27 Jun 2018 20:31

Tgt Ion:	69	Resp:	209244
Ion	Ratio	Lower	Upper
69	100		
41	67.1	54.1	81.1
39	37.7	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

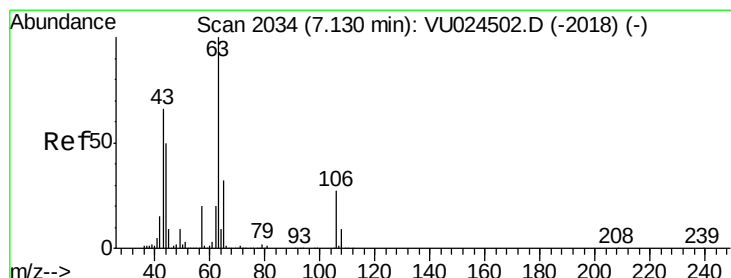
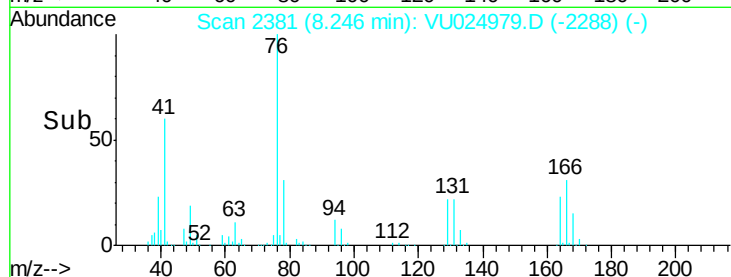
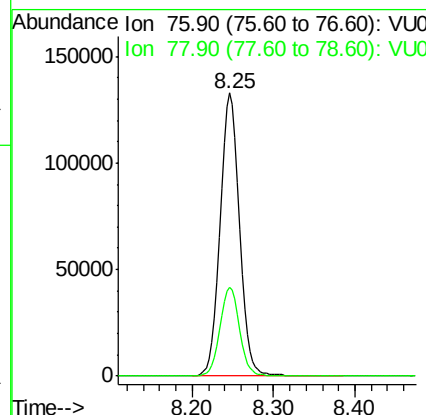
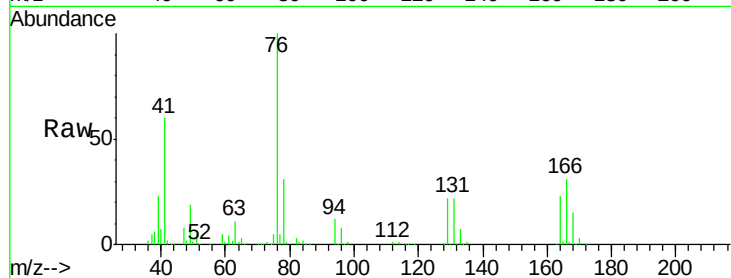




#57
 1,3-Dichloropropane
 Concen: 53.424 ug/l
 RT: 8.25 min Scan# 2381
 Delta R.T. -0.00 min
 Lab File: VU024979.D
 Acq: 27 Jun 2018 20:31

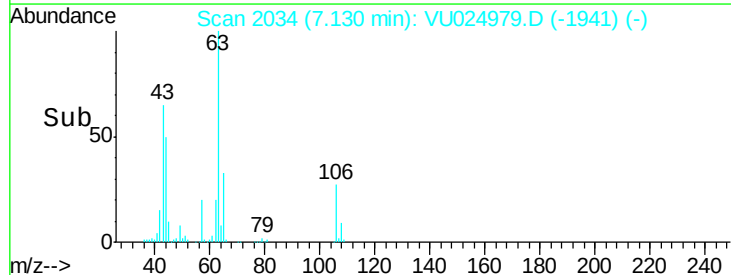
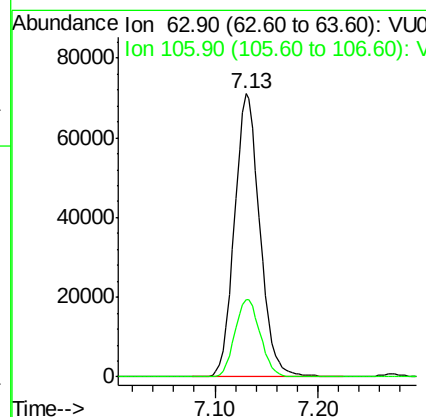
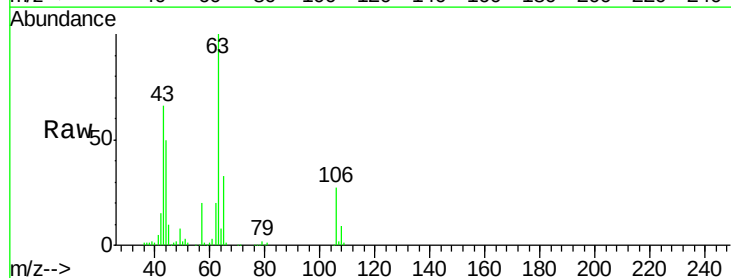
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

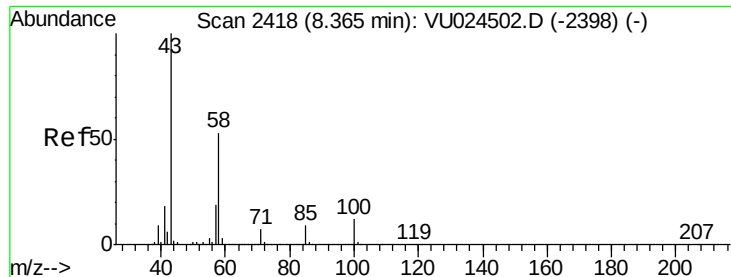
Tgt Ion: 76 Resp: 224547
 Ion Ratio Lower Upper
 76 100
 78 31.6 25.2 37.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 76.478 ug/l
 RT: 7.13 min Scan# 2034
 Delta R.T. -0.00 min
 Lab File: VU024979.D
 Acq: 27 Jun 2018 20:31

Tgt Ion: 63 Resp: 122184
 Ion Ratio Lower Upper
 63 100
 106 27.3 20.2 30.2

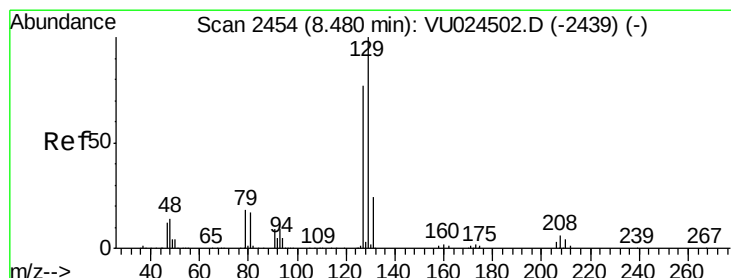
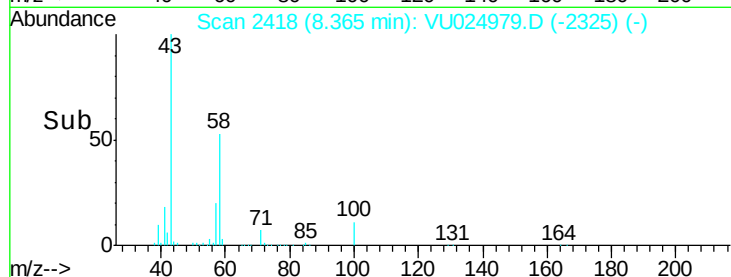
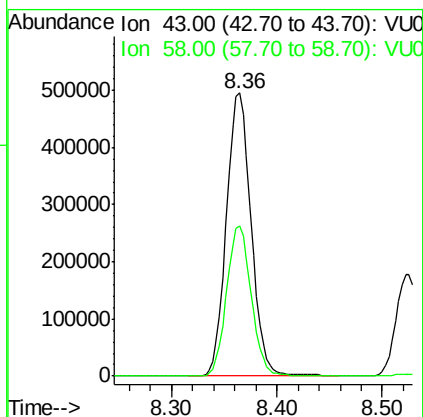
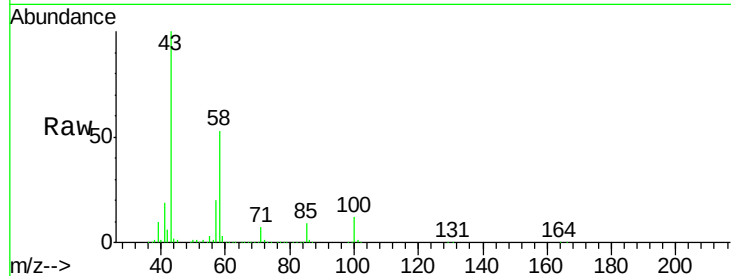




#59
2-Hexanone
Concen: 248.920 ug/l
RT: 8.36 min Scan# 2418
Delta R.T. -0.00 min
Lab File: VU024979.D
Acq: 27 Jun 2018 20:31

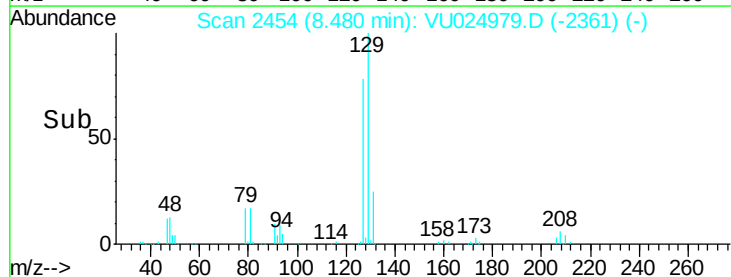
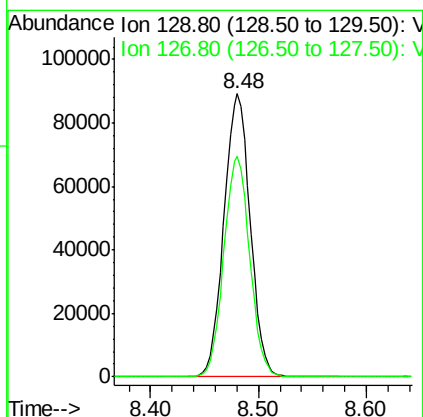
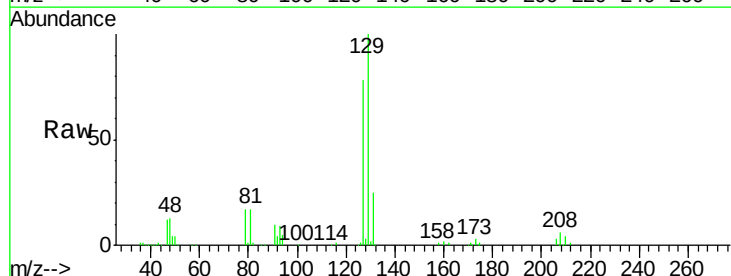
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

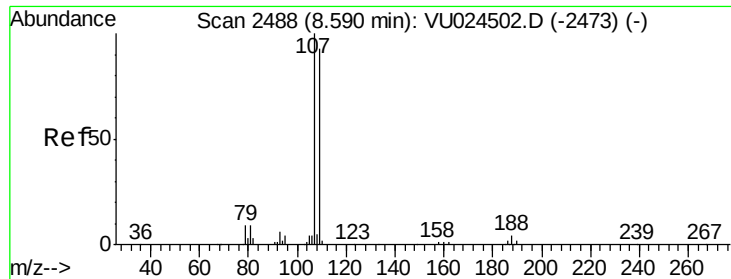
Tgt Ion: 43 Resp: 804236
Ion Ratio Lower Upper
43 100
58 53.0 26.4 79.0



#60
Dibromochloromethane
Concen: 48.755 ug/l
RT: 8.48 min Scan# 2454
Delta R.T. -0.00 min
Lab File: VU024979.D
Acq: 27 Jun 2018 20:31

Tgt Ion: 129 Resp: 151482
Ion Ratio Lower Upper
129 100
127 76.8 38.6 116.0





#61

1,2-Dibromoethane

Concen: 52.017 ug/l

RT: 8.59 min Scan# 2488

Delta R.T. -0.00 min

Lab File: VU024979.D

Acq: 27 Jun 2018 20:31

Instrument :

MSVOA_U

ClientSampleId :

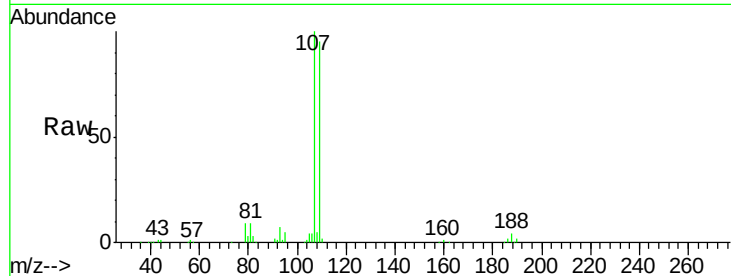
VSTDCCC050EC

Tgt Ion: 107 Resp: 144253

Ion Ratio Lower Upper

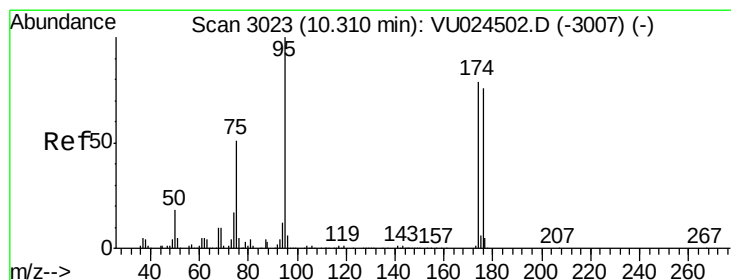
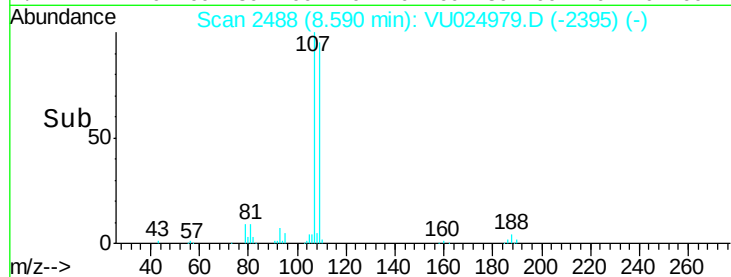
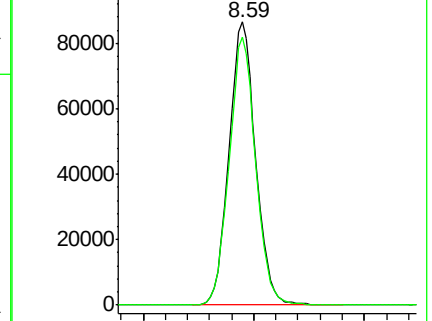
107 100

109 94.3 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: 47.976 ug/l

RT: 10.31 min Scan# 3023

Delta R.T. -0.00 min

Lab File: VU024979.D

Acq: 27 Jun 2018 20:31

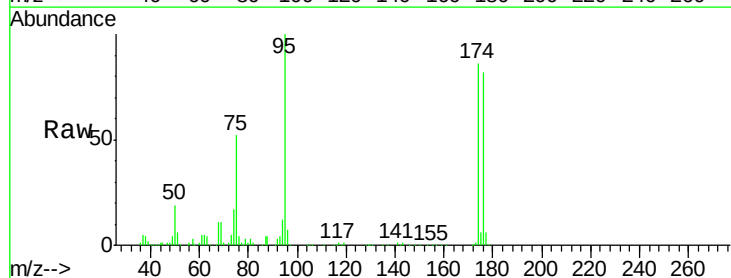
Tgt Ion: 95 Resp: 164075

Ion Ratio Lower Upper

95 100

174 85.8 0.0 165.8

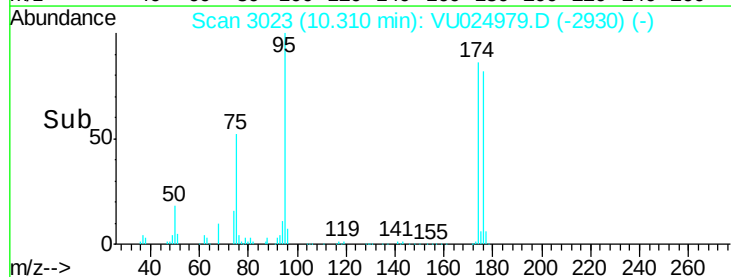
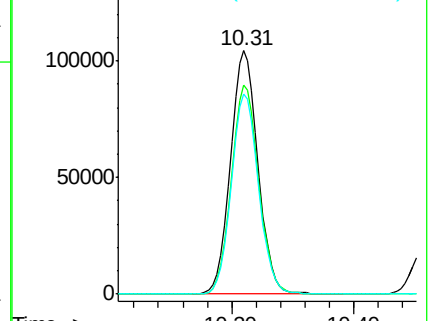
176 81.8 0.0 159.4

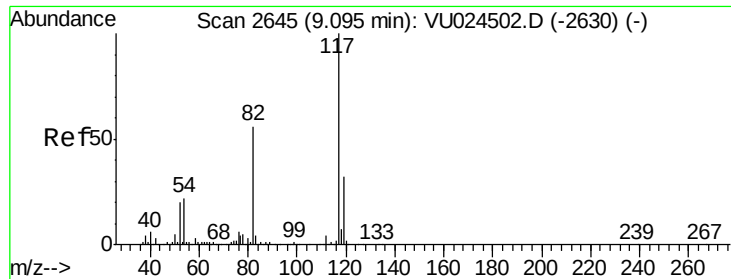


Abundance Ion 94.90 (94.60 to 95.60): VU0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

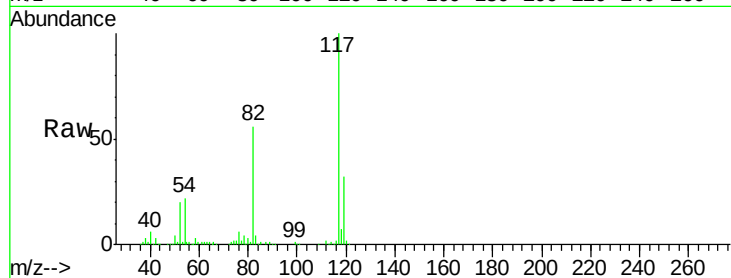




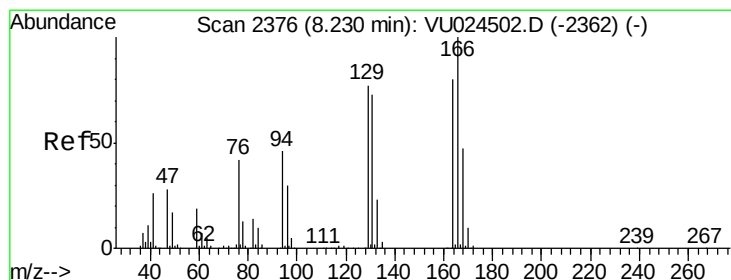
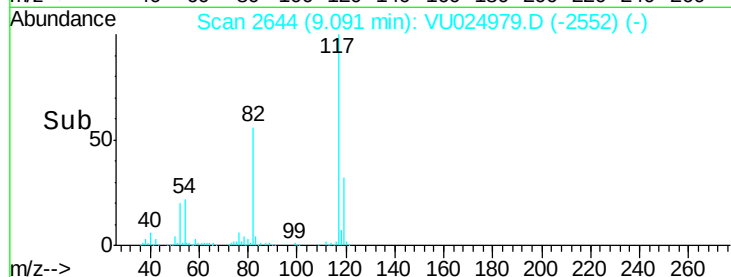
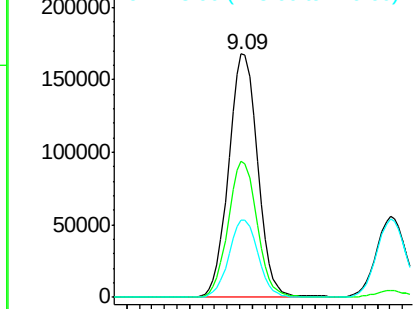
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2644
Delta R.T. -0.00 min
Lab File: VU024979.D
Acq: 27 Jun 2018 20:31

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
117	100		
82	56.1	44.3	66.5
119	31.6	25.4	38.2



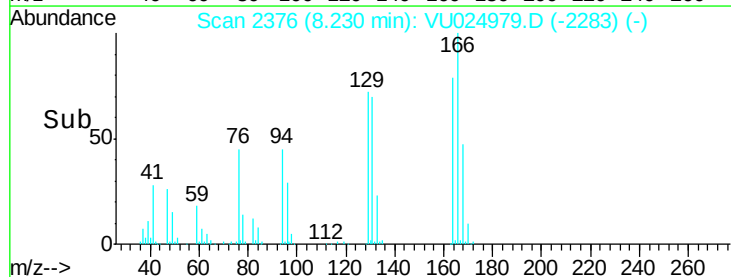
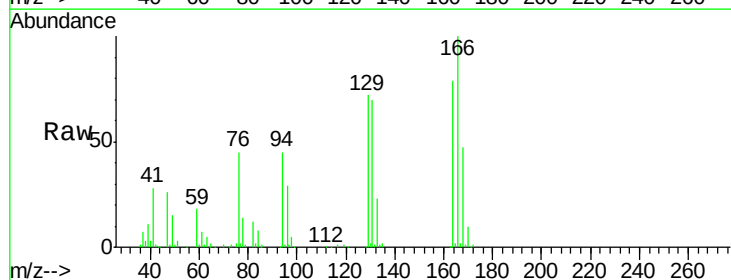
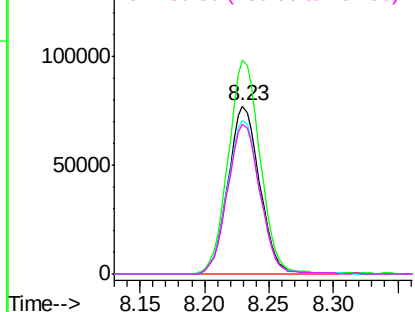
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

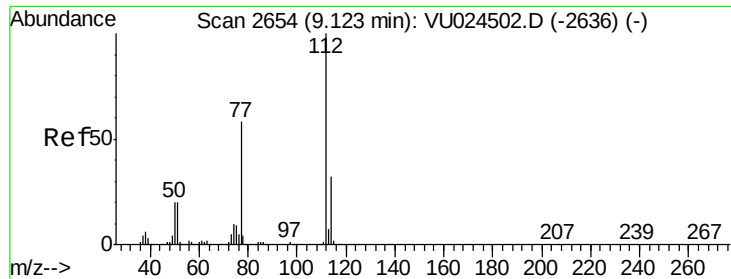


#64
Tetrachloroethene
Concen: 51.370 ug/l
RT: 8.23 min Scan# 2376
Delta R.T. -0.00 min
Lab File: VU024979.D
Acq: 27 Jun 2018 20:31

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.4	101.7	152.5
129	91.9	76.9	115.3
131	89.3	74.9	112.3

Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

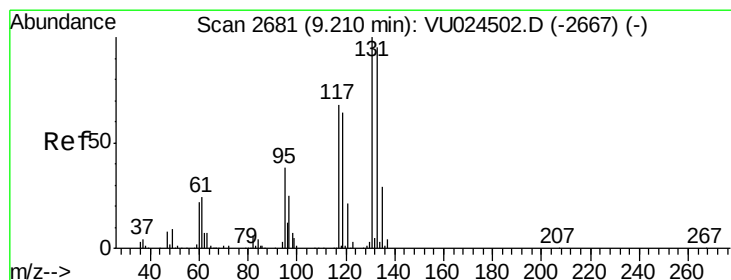
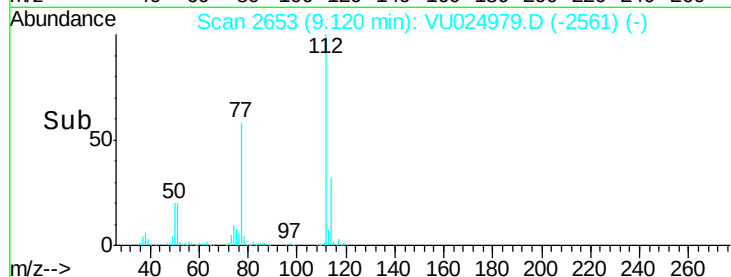
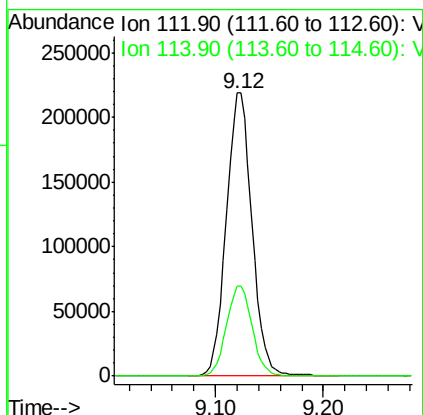
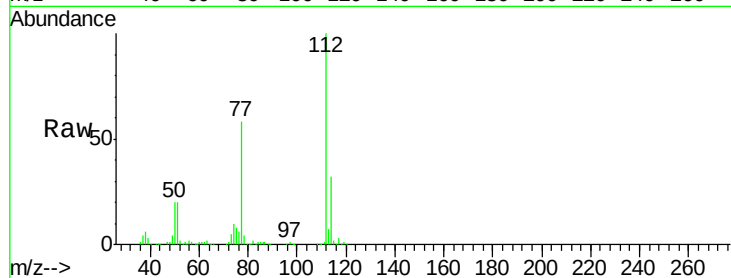




#65
Chlorobenzene
Concen: 52.865 ug/l
RT: 9.12 min Scan# 2653
Delta R.T. -0.00 min
Lab File: VU024979.D
Acq: 27 Jun 2018 20:31

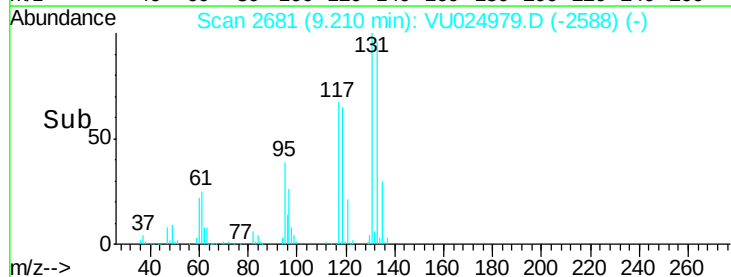
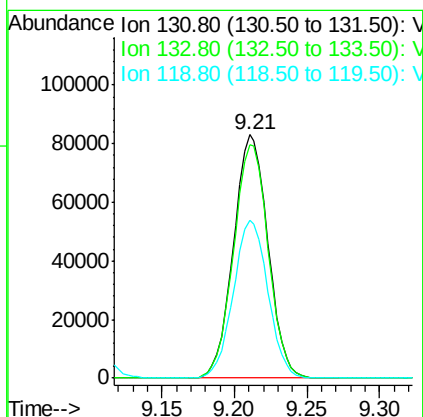
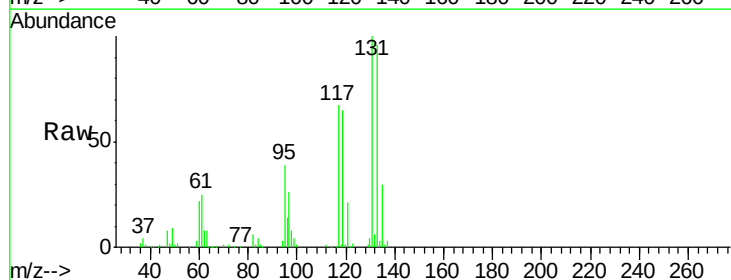
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

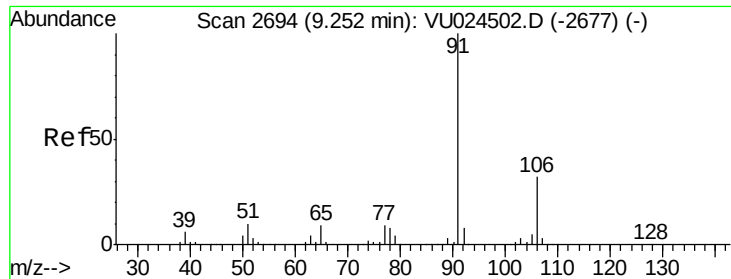
Tgt Ion:112 Resp: 364356
Ion Ratio Lower Upper
112 100
114 31.7 25.6 38.4



#66
1,1,1,2-Tetrachloroethane
Concen: 52.177 ug/l
RT: 9.21 min Scan# 2681
Delta R.T. -0.00 min
Lab File: VU024979.D
Acq: 27 Jun 2018 20:31

Tgt Ion:131 Resp: 136625
Ion Ratio Lower Upper
131 100
133 96.7 46.9 140.8
119 65.2 33.5 100.4





#67

Ethyl Benzene

Concen: 52.409 ug/l

RT: 9.25 min Scan# 2694

Delta R.T. -0.00 min

Lab File: VU024979.D

Acq: 27 Jun 2018 20:31

Instrument :

MSVOA_U

ClientSampleId :

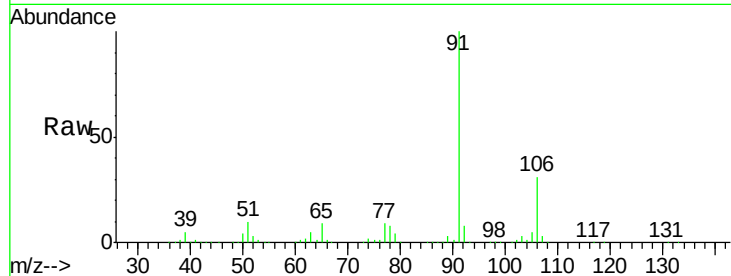
VSTDCCC050EC

Tgt Ion: 91 Resp: 633243

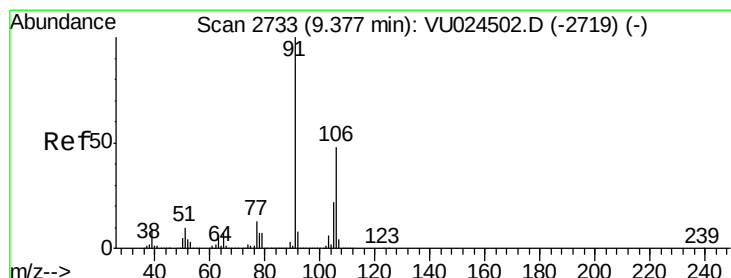
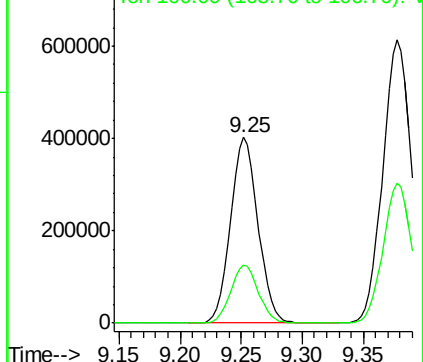
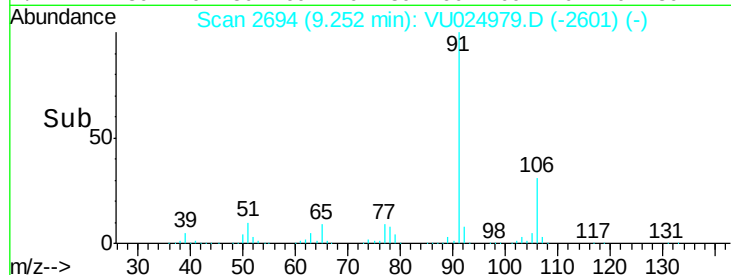
Ion Ratio Lower Upper

91 100

106 31.4 24.2 36.4



Abundance Ion 91.00 (90.70 to 91.70): VU024979.D (-2601) (-)



#68

m/p-Xylenes

Concen: 106.932 ug/l

RT: 9.38 min Scan# 2733

Delta R.T. -0.00 min

Lab File: VU024979.D

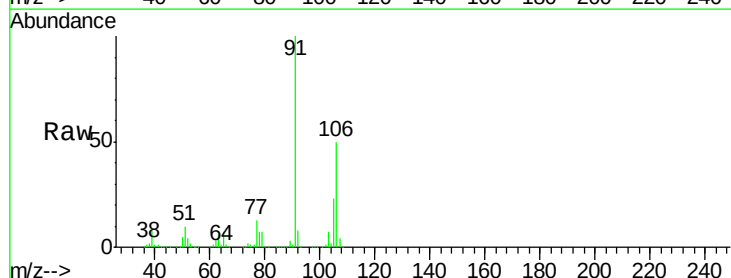
Acq: 27 Jun 2018 20:31

Tgt Ion: 106 Resp: 496136

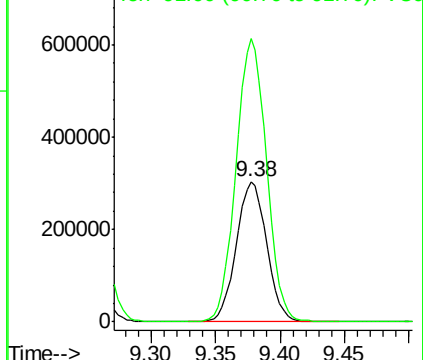
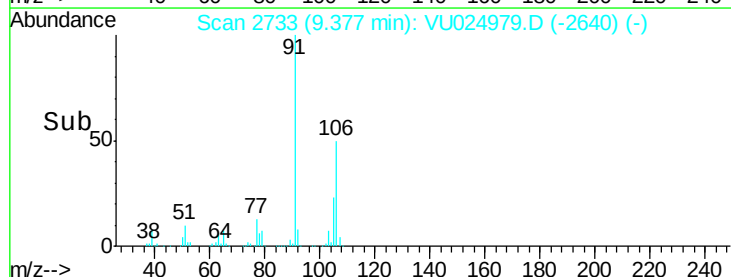
Ion Ratio Lower Upper

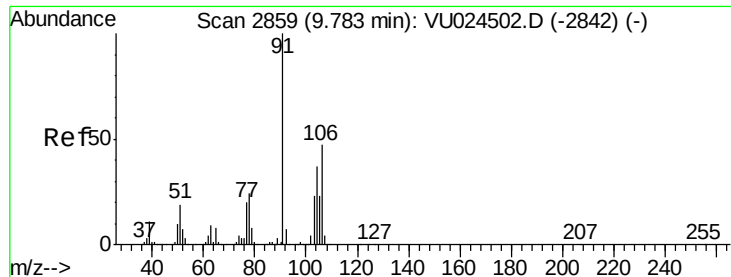
106 100

91 203.7 166.5 249.7



Abundance Ion 106.00 (105.70 to 106.70): VU024979.D (-2640) (-)

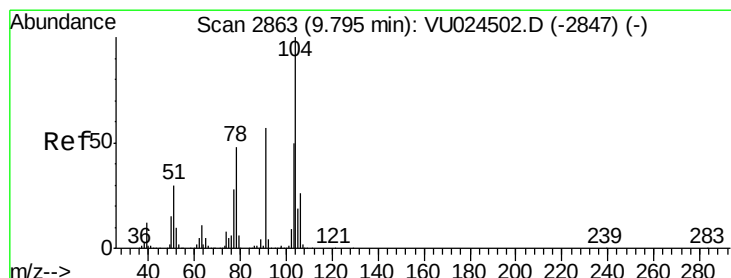
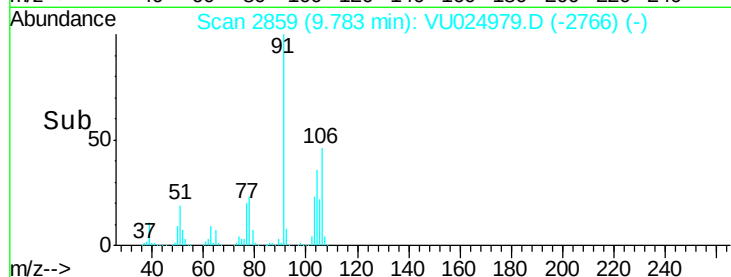
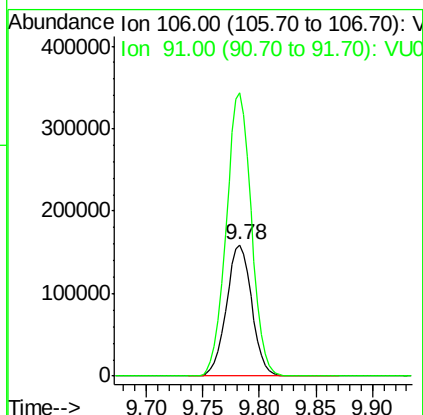
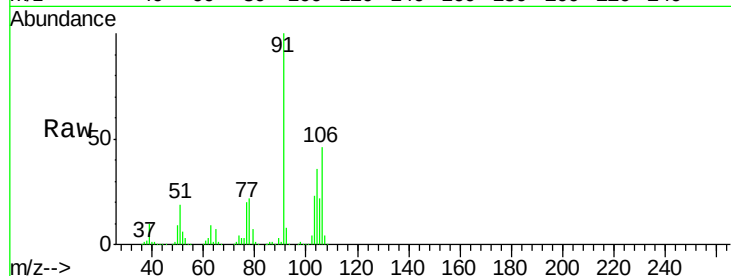




#69
o-Xylene
Concen: 53.872 ug/l
RT: 9.78 min Scan# 2859
Delta R.T. -0.00 min
Lab File: VU024979.D
Acq: 27 Jun 2018 20:31

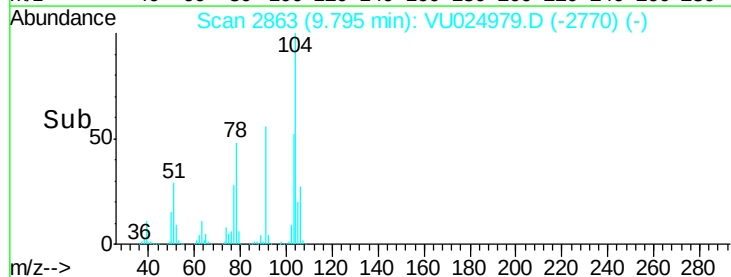
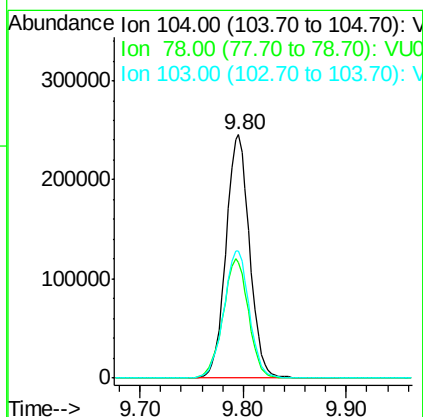
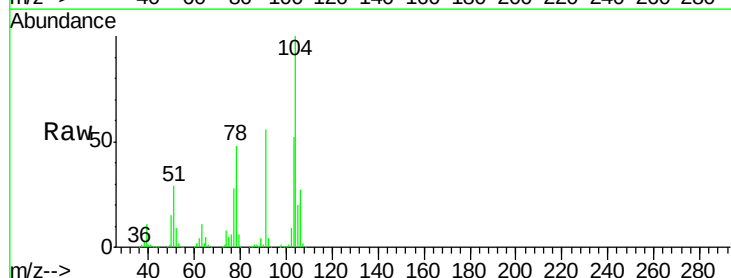
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

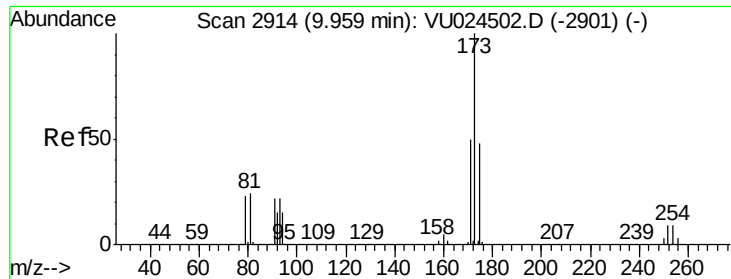
Tgt Ion:106 Resp: 247366
Ion Ratio Lower Upper
106 100
91 214.4 110.7 331.9



#70
Styrene
Concen: 51.883 ug/l
RT: 9.80 min Scan# 2863
Delta R.T. -0.00 min
Lab File: VU024979.D
Acq: 27 Jun 2018 20:31

Tgt Ion:104 Resp: 391500
Ion Ratio Lower Upper
104 100
78 52.7 40.6 60.8
103 56.3 44.7 67.1





#71

Bromoform

Concen: 47.633 ug/l

RT: 9.96 min Scan# 2915

Delta R.T. 0.00 min

Lab File: VU024979.D

Acq: 27 Jun 2018 20:31

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

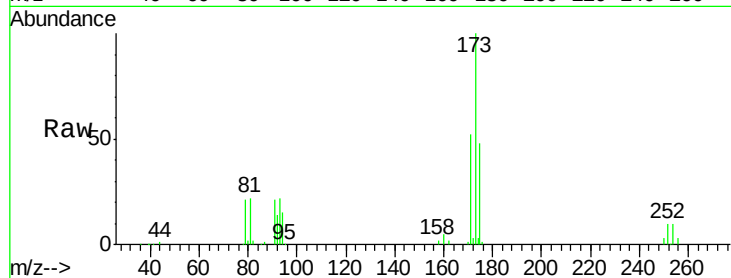
Tgt Ion:173 Resp: 118553

Ion Ratio Lower Upper

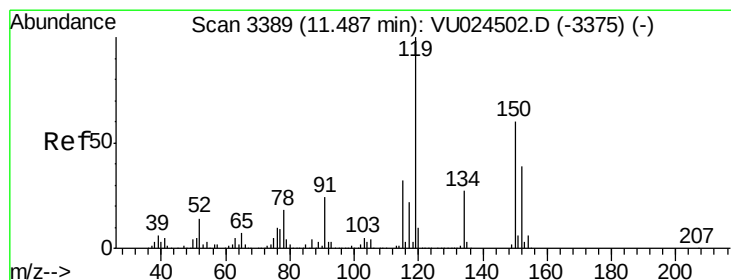
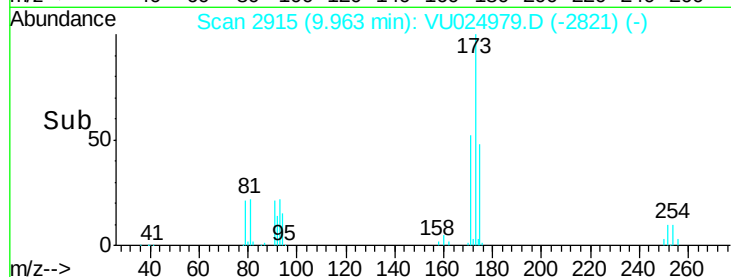
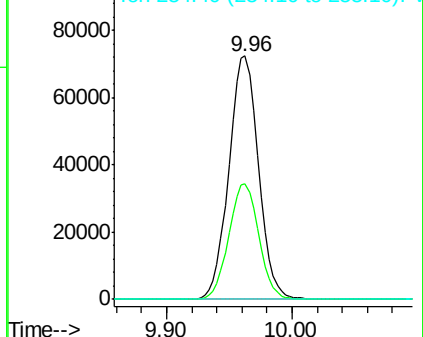
173 100

175 48.0 24.6 74.0

254 0.0 0.0 0.0#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.49 min Scan# 3389

Delta R.T. -0.00 min

Lab File: VU024979.D

Acq: 27 Jun 2018 20:31

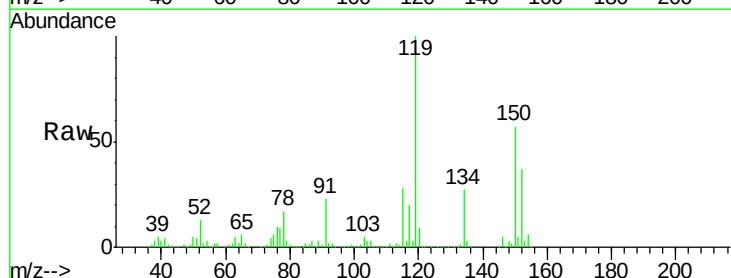
Tgt Ion:152 Resp: 166494

Ion Ratio Lower Upper

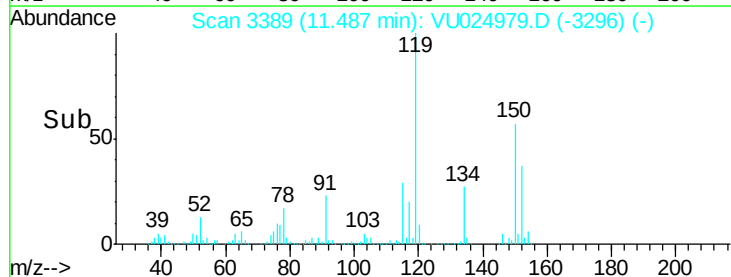
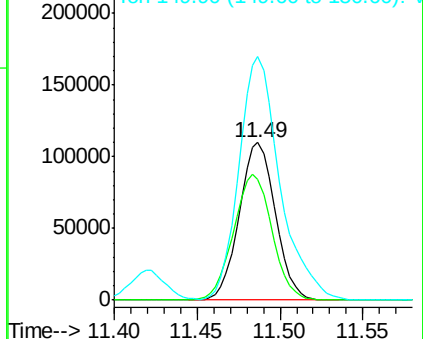
152 100

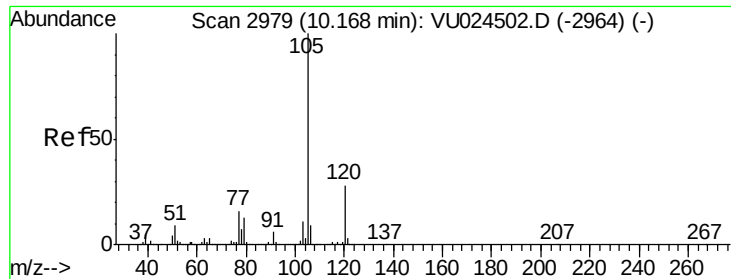
115 84.8 43.0 129.0

150 175.8 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: 51.870 ug/l

RT: 10.17 min Scan# 2979

Delta R.T. -0.00 min

Lab File: VU024979.D

Acq: 27 Jun 2018 20:31

Instrument :

MSVOA_U

ClientSampleId :

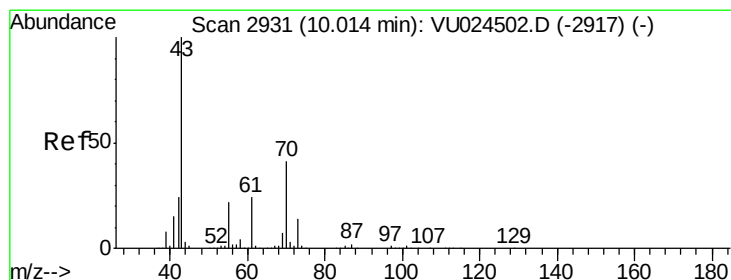
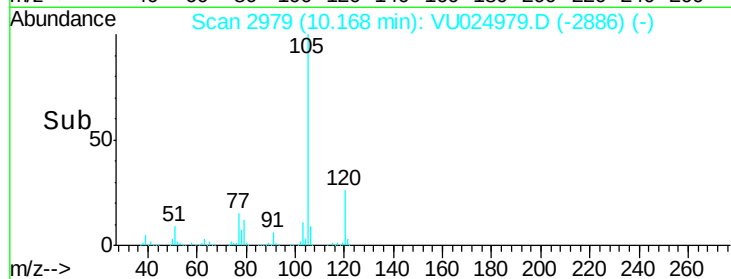
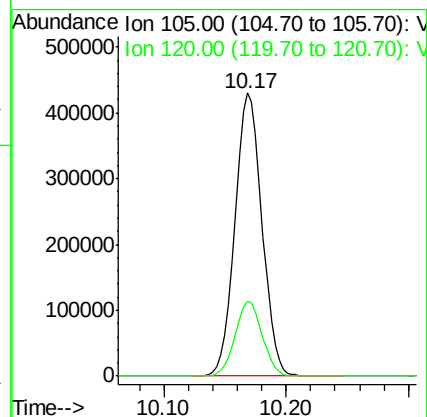
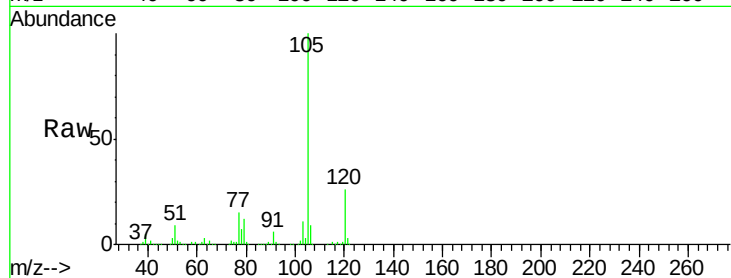
VSTDCCC050EC

Tgt Ion: 105 Resp: 663038

Ion Ratio Lower Upper

105 100

120 26.6 13.2 39.6



#74

N-ethyl acetate

Concen: 46.903 ug/l

RT: 10.01 min Scan# 2931

Delta R.T. -0.00 min

Lab File: VU024979.D

Acq: 27 Jun 2018 20:31

Tgt Ion: 43 Resp: 285177

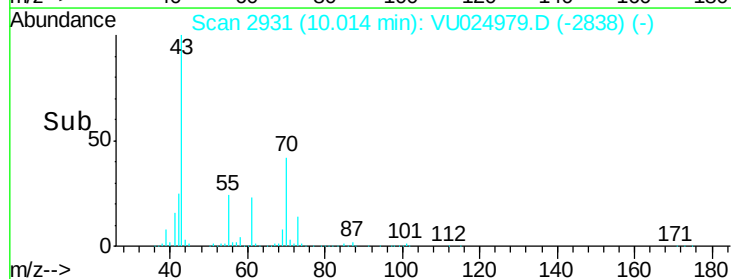
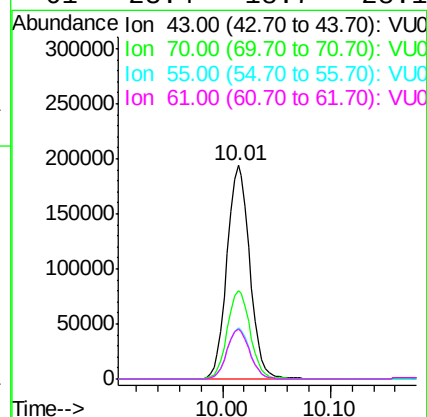
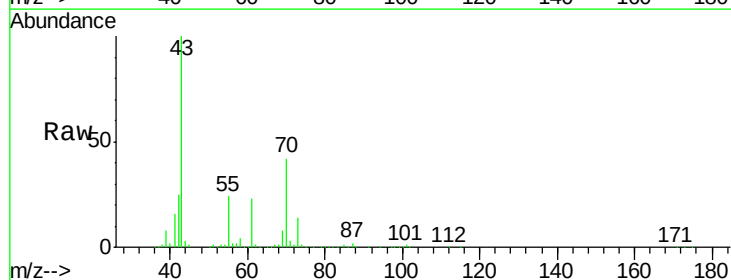
Ion Ratio Lower Upper

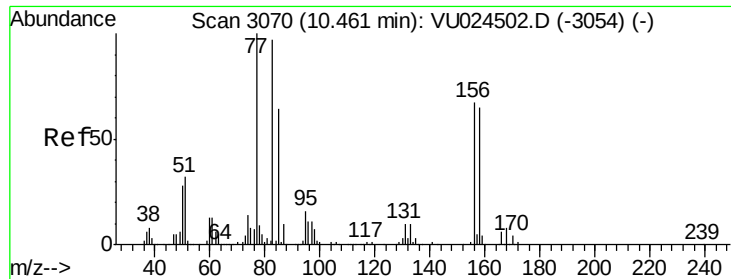
43 100

70 41.8 32.2 48.4

55 24.0 20.5 30.7

61 23.4 18.7 28.1





#75

1,1,2,2-Tetrachloroethane

Concen: 51.553 ug/l

RT: 10.46 min Scan# 3070

Delta R.T. -0.00 min

Lab File: VU024979.D

Acq: 27 Jun 2018 20:31

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

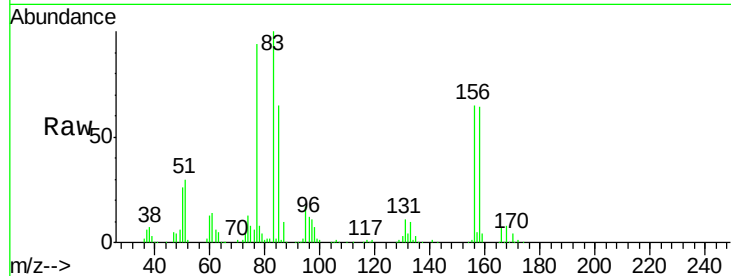
Tgt Ion: 83 Resp: 220827

Ion Ratio Lower Upper

83 100

131 11.0 4.7 14.1

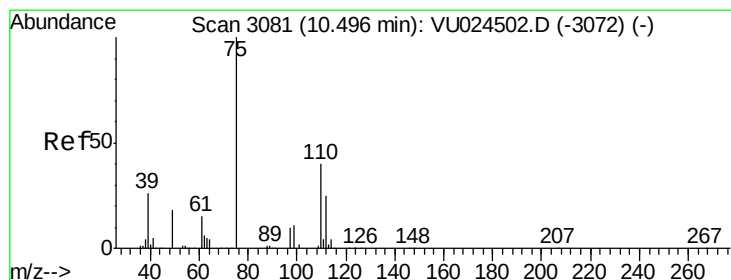
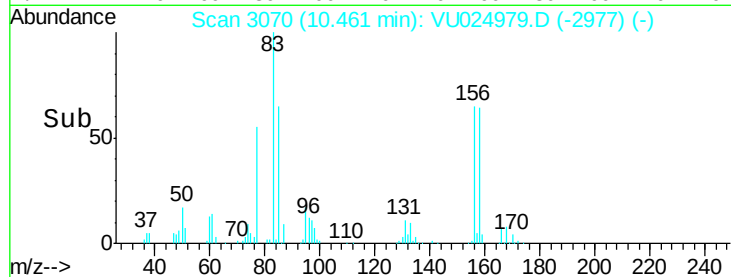
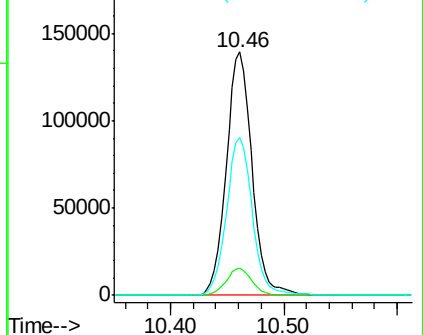
85 65.1 32.5 97.5



Abundance Ion 82.90 (82.60 to 83.60): VU024979.D (-2977) (-)

Ion 130.80 (130.50 to 131.50): VU024979.D (-2977) (-)

Ion 84.90 (84.60 to 85.60): VU024979.D (-2977) (-)



#76

1,2,3-Trichloropropane

Concen: 71.077 ug/l

RT: 10.50 min Scan# 3081

Delta R.T. -0.00 min

Lab File: VU024979.D

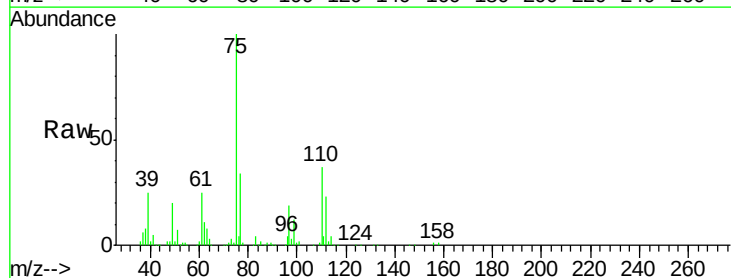
Acq: 27 Jun 2018 20:31

Tgt Ion: 75 Resp: 260539

Ion Ratio Lower Upper

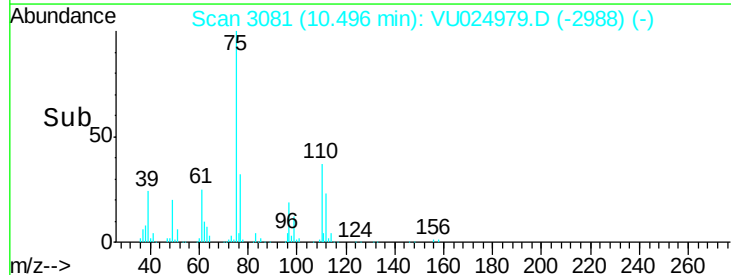
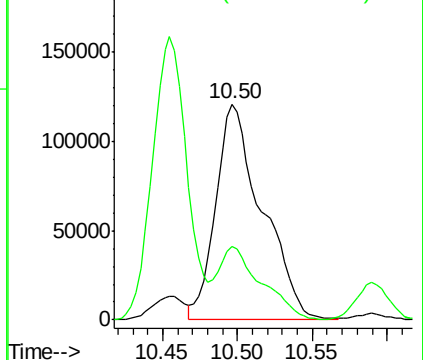
75 100

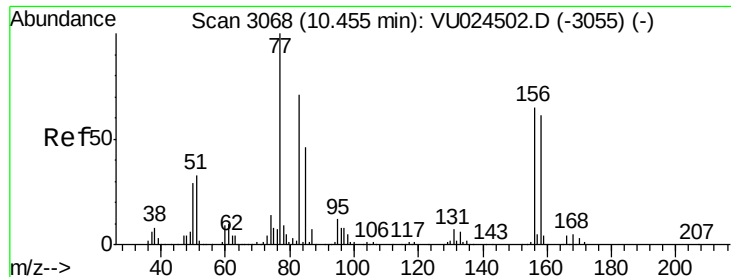
77 30.5 20.9 62.7



Abundance Ion 74.90 (74.60 to 75.60): VU024979.D (-2988) (-)

Ion 77.00 (76.70 to 77.70): VU024979.D (-2988) (-)





#77

Bromobenzene

Concen: 52.116 ug/l

RT: 10.45 min Scan# 3068

Delta R.T. -0.00 min

Lab File: VU024979.D

Acq: 27 Jun 2018 20:31

Instrument :

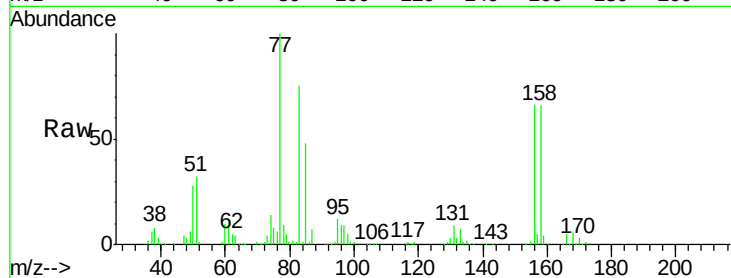
MSVOA_U

ClientSampleId :

VSTDCCC050EC

Tgt Ion:156 Resp: 168653

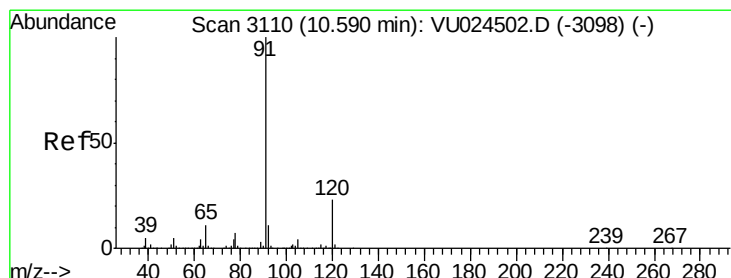
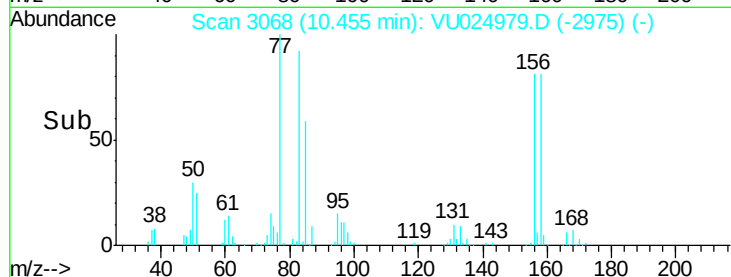
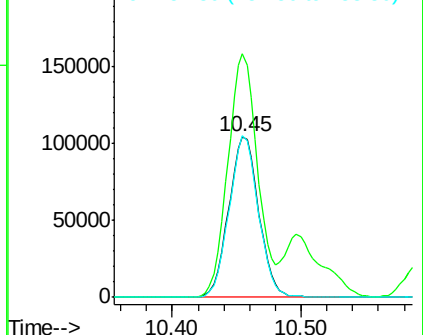
Ion	Ratio	Lower	Upper
156	100		
77	150.6	80.5	241.3
158	98.0	48.2	144.6



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: 50.164 ug/l

RT: 10.59 min Scan# 3110

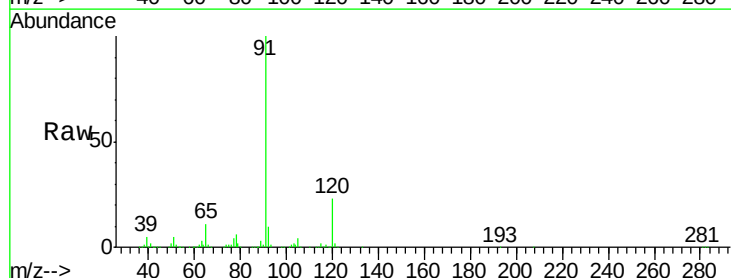
Delta R.T. -0.00 min

Lab File: VU024979.D

Acq: 27 Jun 2018 20:31

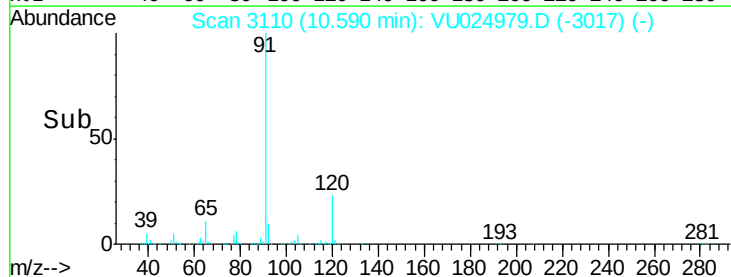
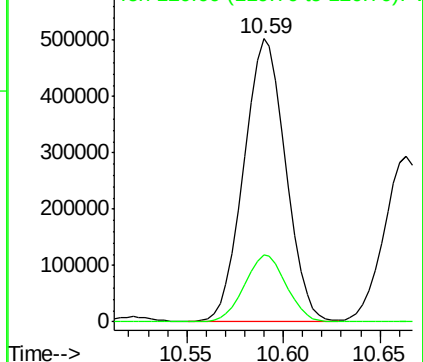
Tgt Ion: 91 Resp: 755368

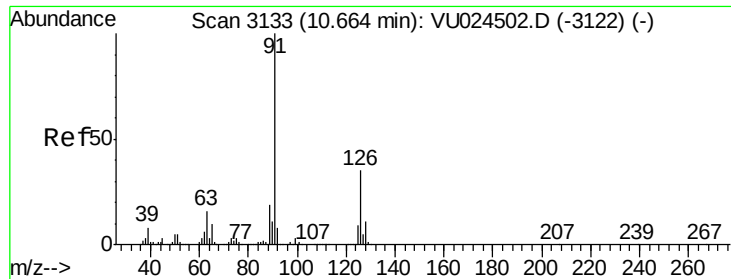
Ion	Ratio	Lower	Upper
91	100		
120	23.7	11.2	33.5



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 51.484 ug/l

RT: 10.66 min Scan# 3133

Delta R.T. -0.00 min

Lab File: VU024979.D

Acq: 27 Jun 2018 20:31

Instrument :

MSVOA_U

ClientSampleId :

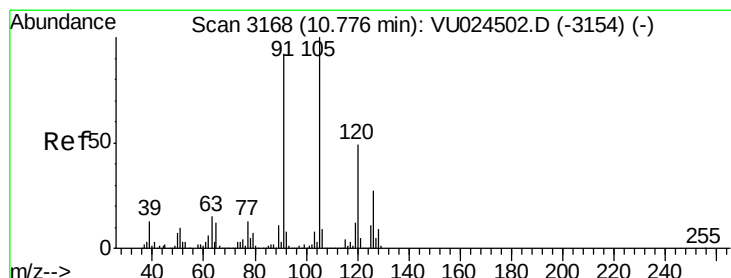
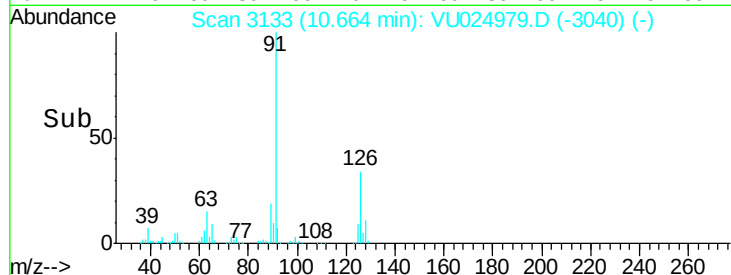
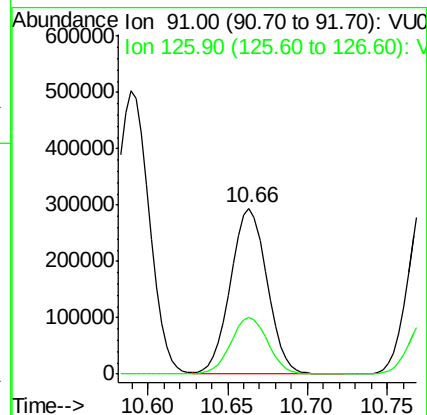
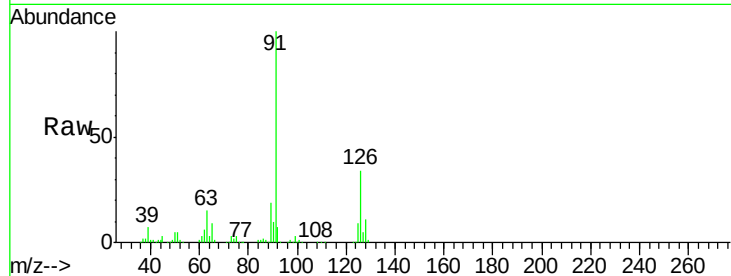
VSTDCCC050EC

Tgt Ion: 91 Resp: 457172

Ion Ratio Lower Upper

91 100

126 34.7 16.9 50.7



#80

1,3,5-Trimethylbenzene

Concen: 51.431 ug/l

RT: 10.78 min Scan# 3168

Delta R.T. -0.00 min

Lab File: VU024979.D

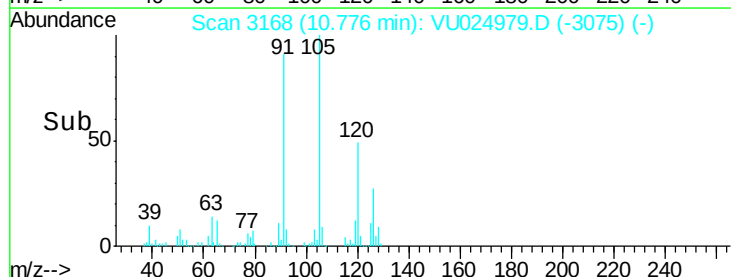
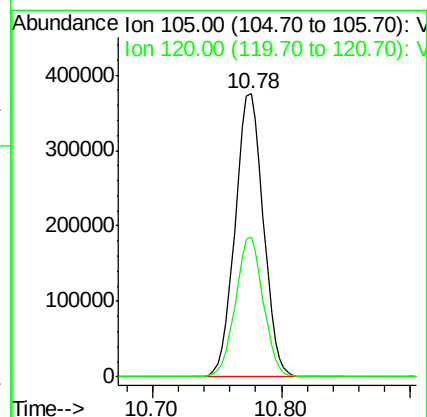
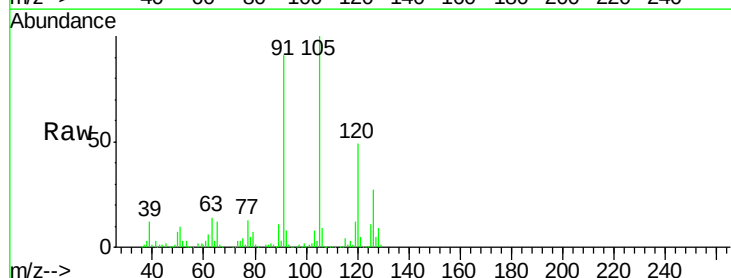
Acq: 27 Jun 2018 20:31

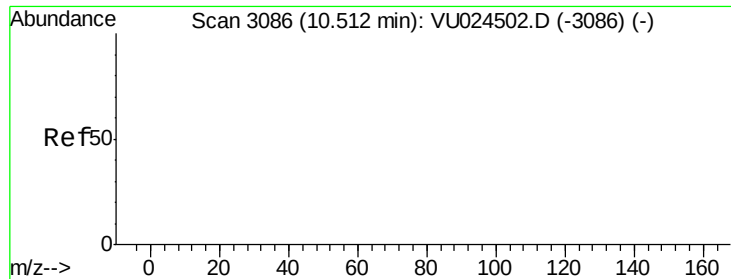
Tgt Ion: 105 Resp: 569818

Ion Ratio Lower Upper

105 100

120 48.5 24.1 72.2





#81

trans-1,4-Dichloro-2-butene

Concen: 164.502 ug/l

RT: 10.50 min Scan# 3081

Delta R.T. -0.02 min

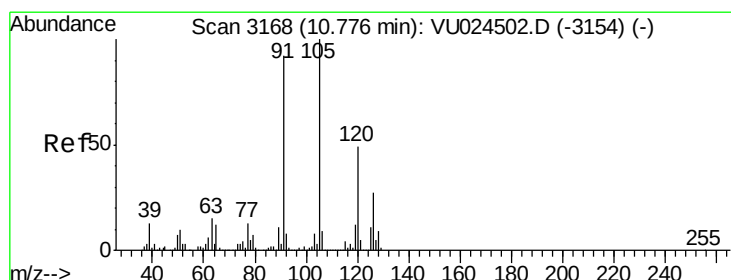
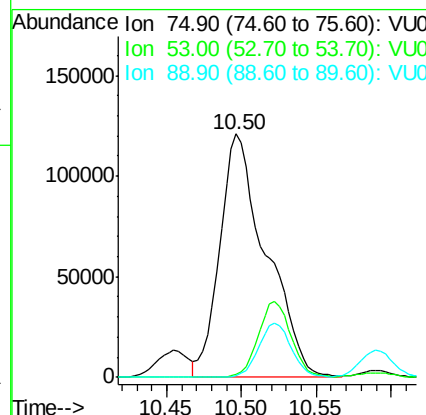
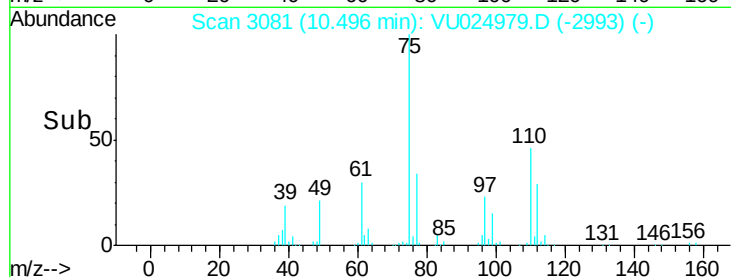
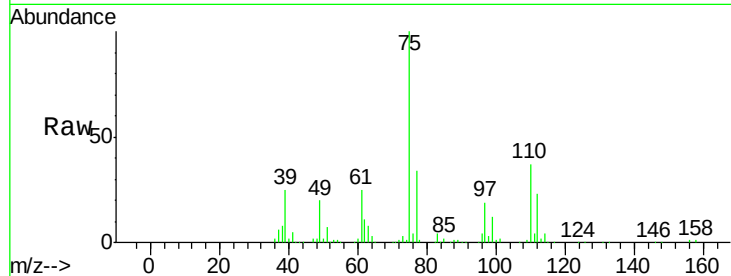
Lab File: VU024979.D

Acq: 27 Jun 2018 20:31

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 260539

Ion	Ratio	Lower	Upper
75	100		
53	0.0	0.0	0.0
89	0.0	0.0	0.0



#82

4-Chlorotoluene

Concen: 51.091 ug/l

RT: 10.78 min Scan# 3168

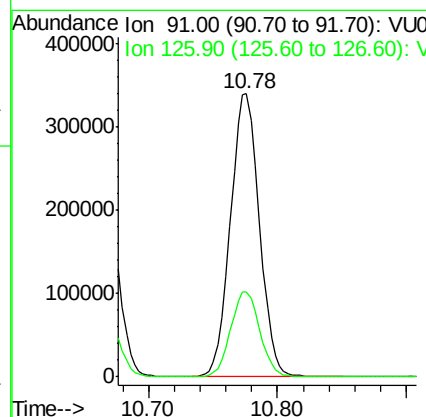
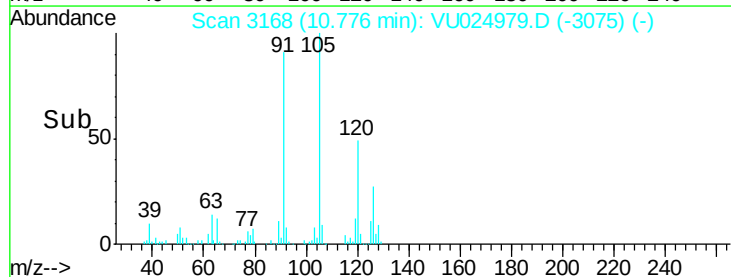
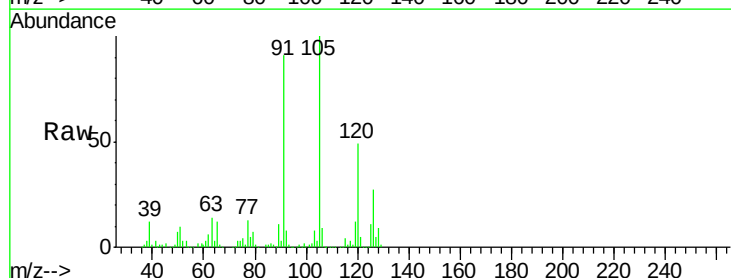
Delta R.T. -0.00 min

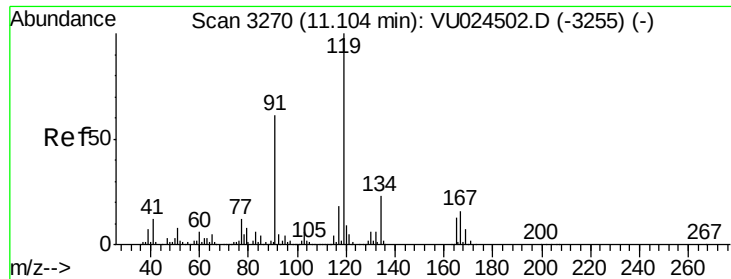
Lab File: VU024979.D

Acq: 27 Jun 2018 20:31

Tgt Ion: 91 Resp: 528046

Ion	Ratio	Lower	Upper
91	100		
126	30.3	14.9	44.9

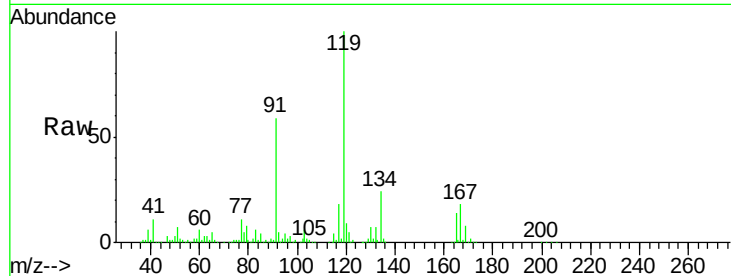




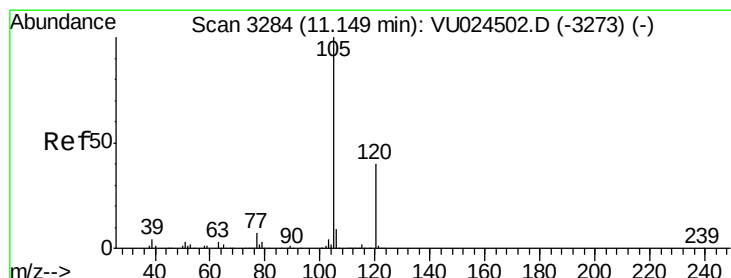
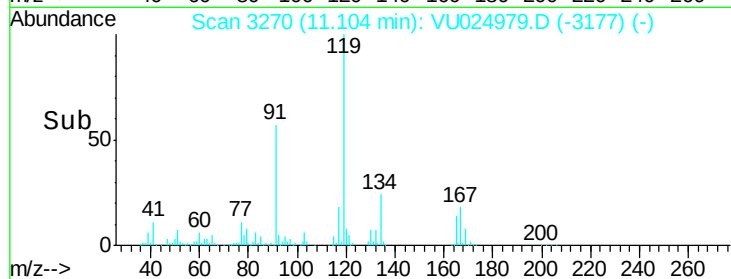
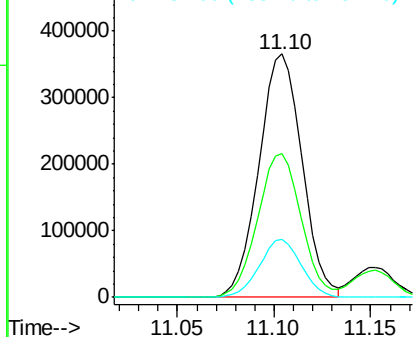
#83
 tert-Butylbenzene
 Concen: 53.281 ug/l
 RT: 11.10 min Scan# 3270
 Delta R.T. -0.00 min
 Lab File: VU024979.D
 Acq: 27 Jun 2018 20:31

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:119 Resp: 567842
 Ion Ratio Lower Upper
 119 100
 91 59.4 29.7 89.1
 134 23.2 11.6 34.7

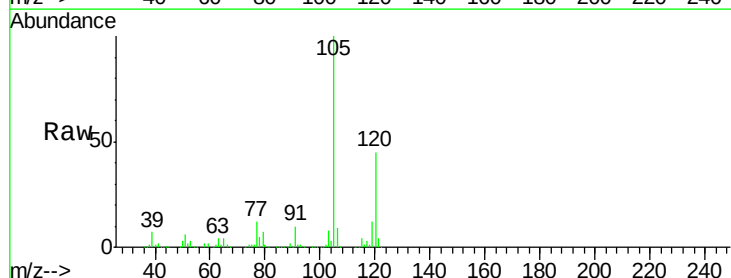


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): V
 Ion 134.00 (133.70 to 134.70): V

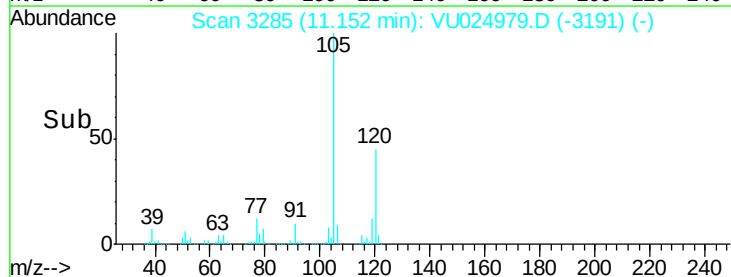
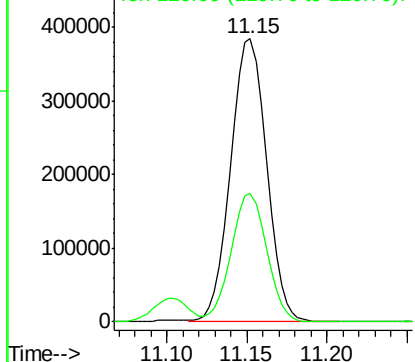


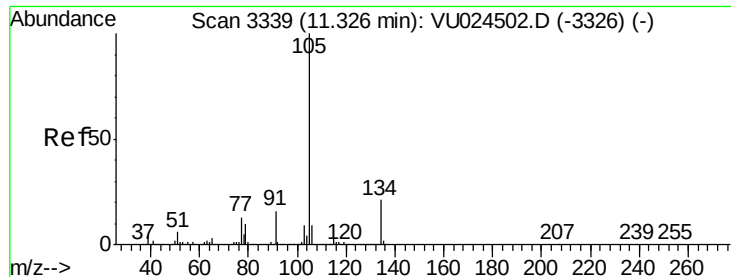
#84
 1,2,4-Trimethylbenzene
 Concen: 51.912 ug/l
 RT: 11.15 min Scan# 3285
 Delta R.T. 0.00 min
 Lab File: VU024979.D
 Acq: 27 Jun 2018 20:31

Tgt Ion:105 Resp: 586132
 Ion Ratio Lower Upper
 105 100
 120 44.9 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: 51.788 ug/l

RT: 11.33 min Scan# 3339

Delta R.T. -0.00 min

Lab File: VU024979.D

Acq: 27 Jun 2018 20:31

Instrument :

MSVOA_U

ClientSampleId :

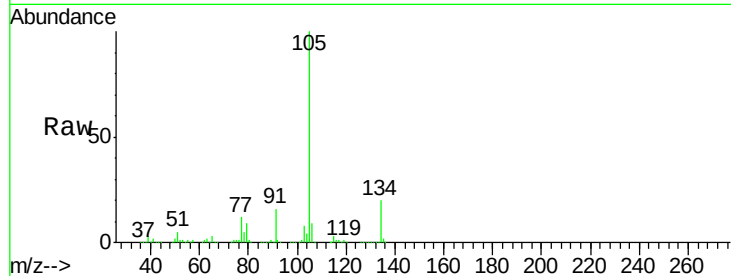
VSTDCCC050EC

Tgt Ion:105 Resp: 690874

Ion Ratio Lower Upper

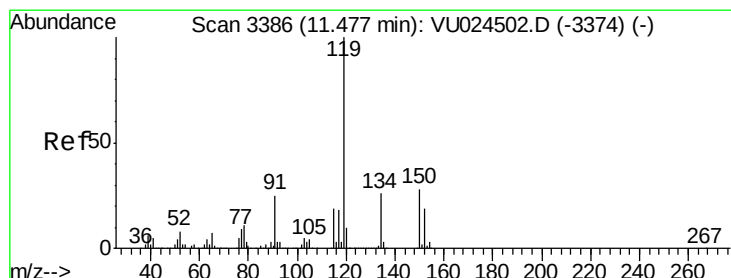
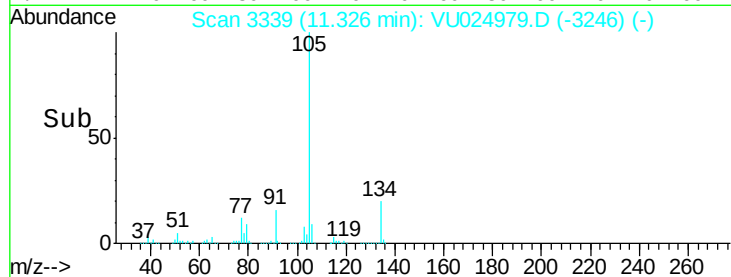
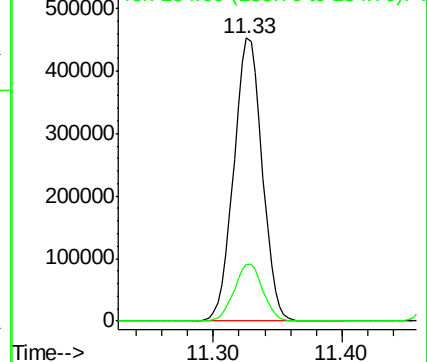
105 100

134 20.4 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: 51.324 ug/l

RT: 11.48 min Scan# 3387

Delta R.T. 0.00 min

Lab File: VU024979.D

Acq: 27 Jun 2018 20:31

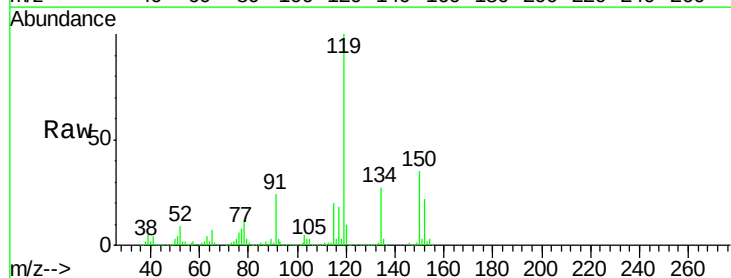
Tgt Ion:119 Resp: 613206

Ion Ratio Lower Upper

119 100

134 26.3 12.9 38.6

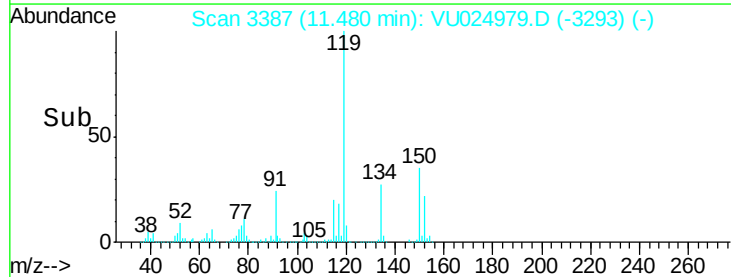
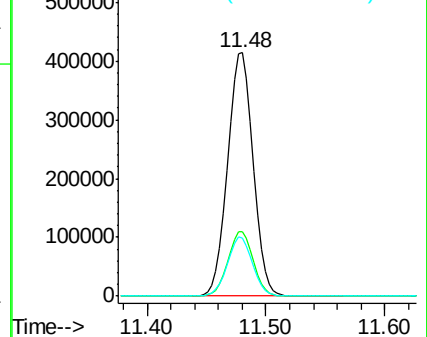
91 24.0 12.0 36.1

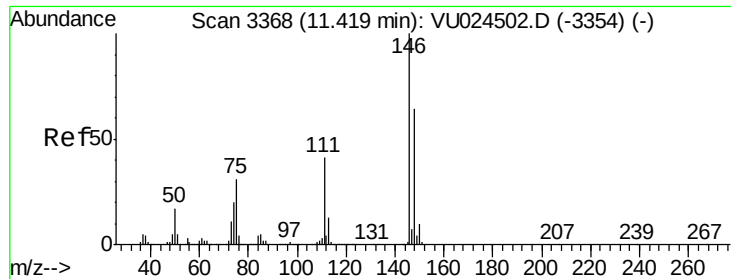


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VU0

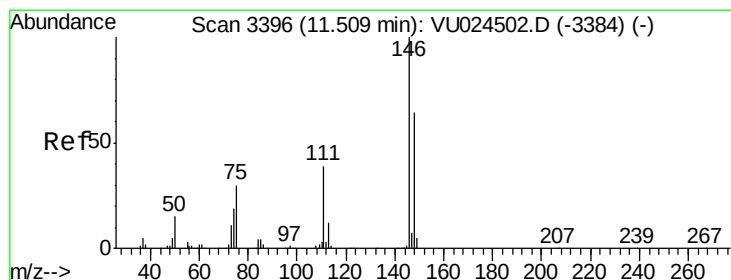
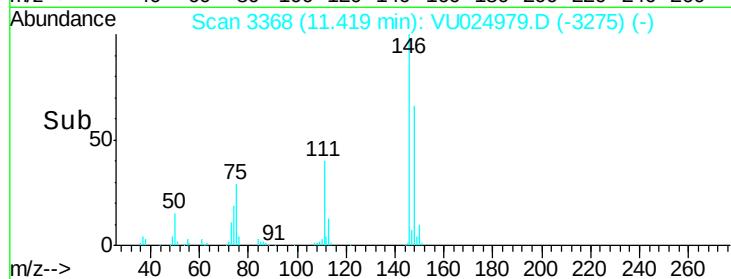
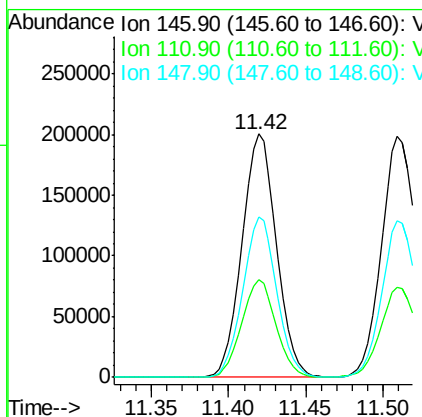
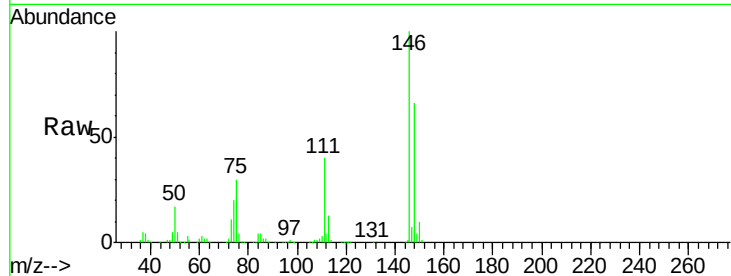




#87
 1,3-Dichlorobenzene
 Concen: 52.004 ug/l
 RT: 11.42 min Scan# 3368
 Delta R.T. -0.00 min
 Lab File: VU024979.D
 Acq: 27 Jun 2018 20:31

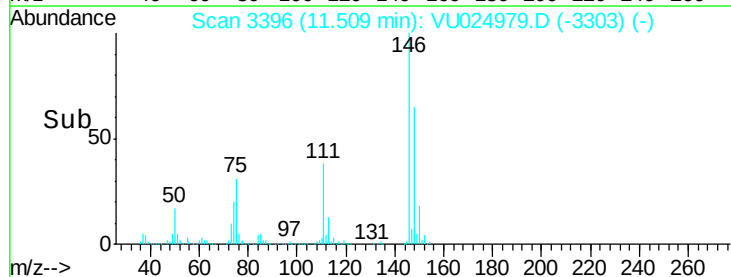
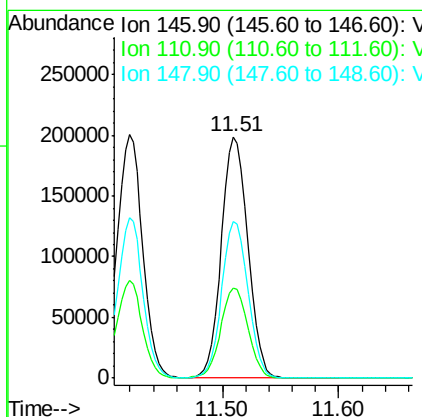
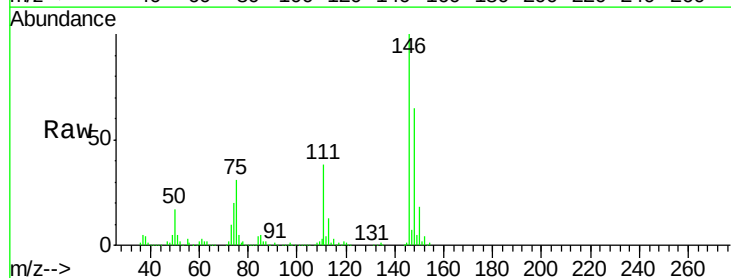
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

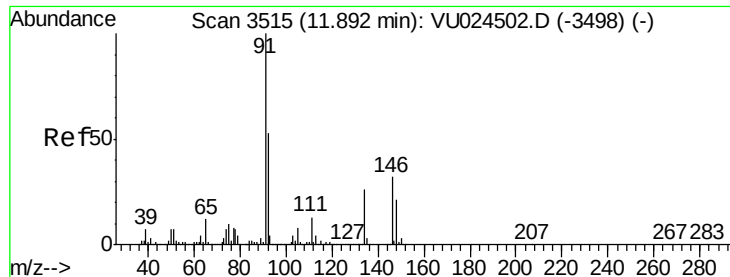
Tgt Ion:146 Resp: 310919
 Ion Ratio Lower Upper
 146 100
 111 39.8 20.0 60.0
 148 64.8 32.1 96.5



#88
 1,4-Dichlorobenzene
 Concen: 52.295 ug/l
 RT: 11.51 min Scan# 3396
 Delta R.T. -0.00 min
 Lab File: VU024979.D
 Acq: 27 Jun 2018 20:31

Tgt Ion:146 Resp: 314690
 Ion Ratio Lower Upper
 146 100
 111 38.4 19.5 58.5
 148 64.6 32.4 97.0

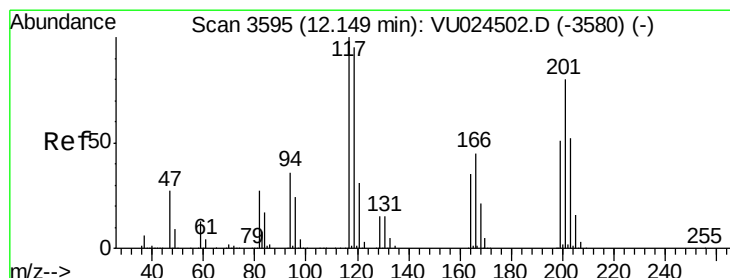
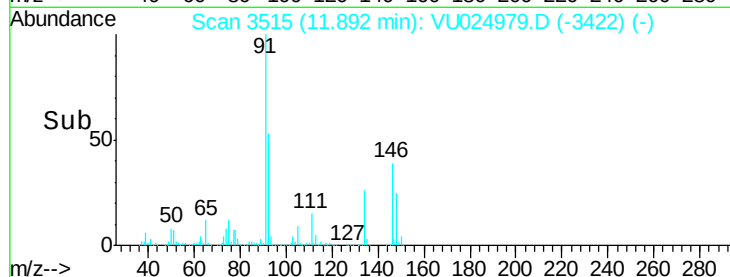
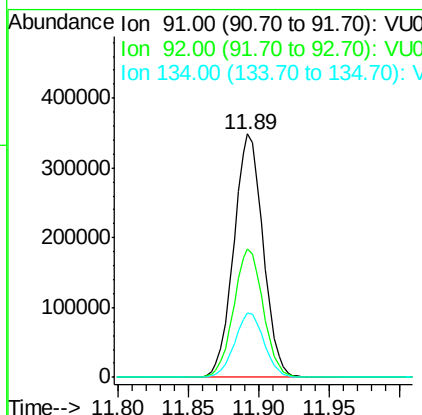
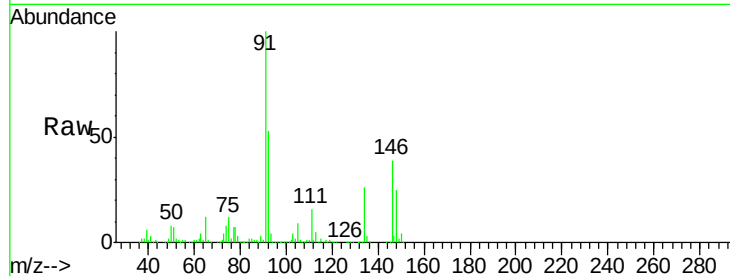




#89
n-Butylbenzene
Concen: 47.878 ug/l
RT: 11.89 min Scan# 3515
Delta R.T. -0.00 min
Lab File: VU024979.D
Acq: 27 Jun 2018 20:31

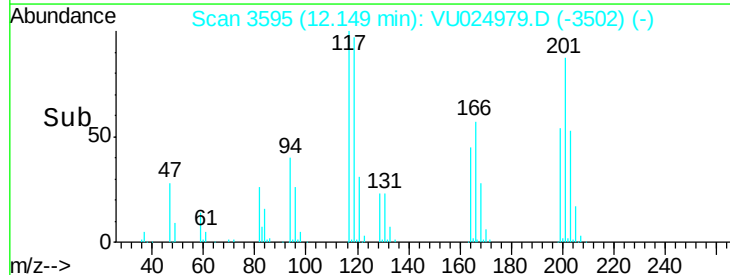
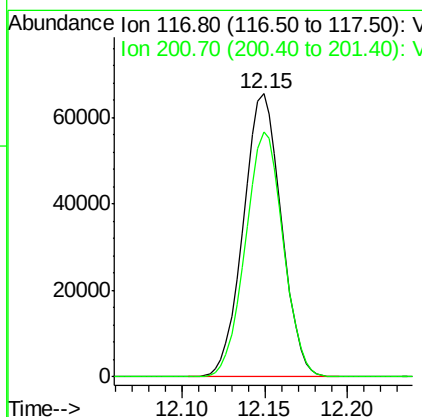
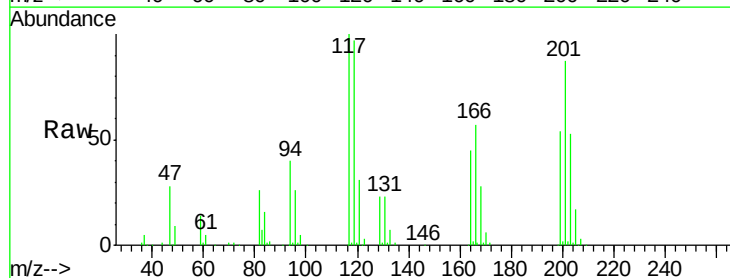
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

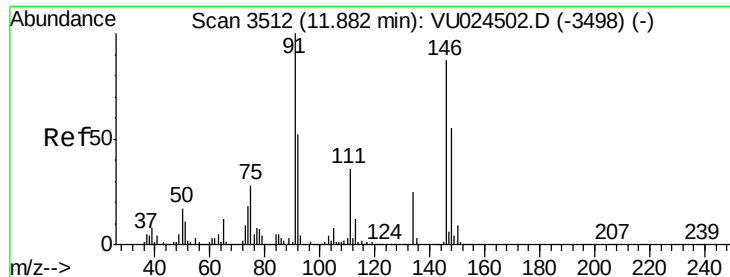
Tgt Ion: 91 Resp: 507867
Ion Ratio Lower Upper
91 100
92 53.1 25.6 76.8
134 26.6 12.3 36.8



#90
Hexachloroethane
Concen: 44.767 ug/l
RT: 12.15 min Scan# 3595
Delta R.T. -0.00 min
Lab File: VU024979.D
Acq: 27 Jun 2018 20:31

Tgt Ion: 117 Resp: 104341
Ion Ratio Lower Upper
117 100
201 86.1 41.1 123.3





#91

1,2-Dichlorobenzene

Concen: 54.184 ug/l

RT: 11.88 min Scan# 3512

Delta R.T. -0.00 min

Lab File: VU024979.D

Acq: 27 Jun 2018 20:31

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

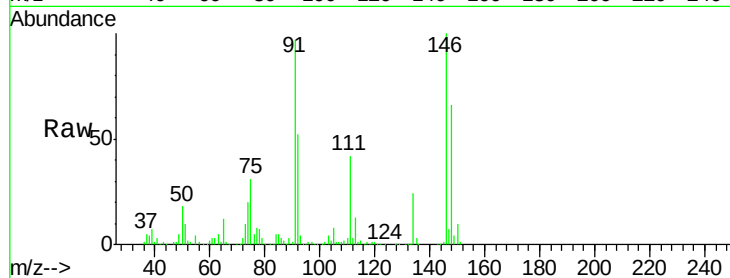
Tgt Ion:146 Resp: 324476

Ion Ratio Lower Upper

146 100

111 41.4 20.5 61.6

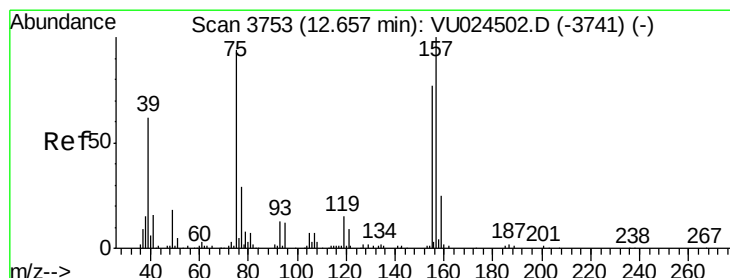
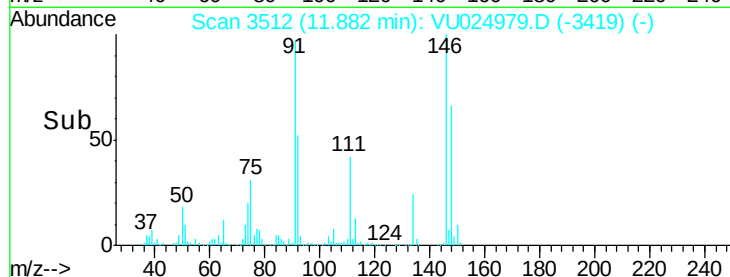
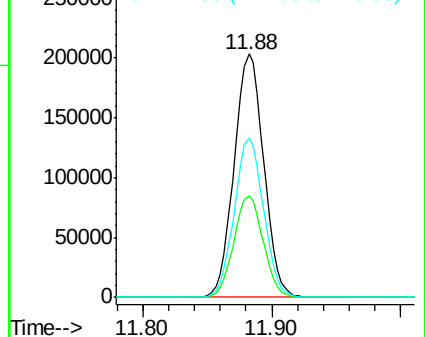
148 64.9 31.9 95.7



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 51.480 ug/l

RT: 12.66 min Scan# 3754

Delta R.T. 0.00 min

Lab File: VU024979.D

Acq: 27 Jun 2018 20:31

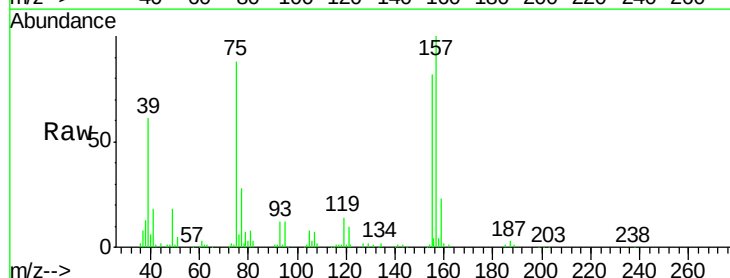
Tgt Ion: 75 Resp: 60847

Ion Ratio Lower Upper

75 100

155 87.8 40.4 121.2

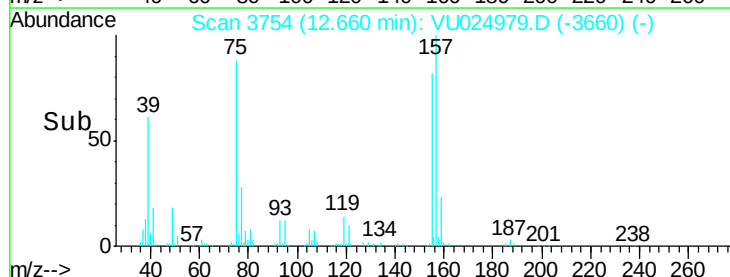
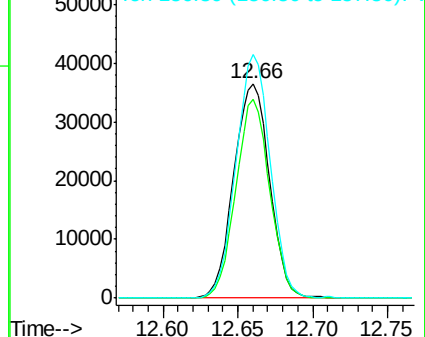
157 108.6 52.3 156.8

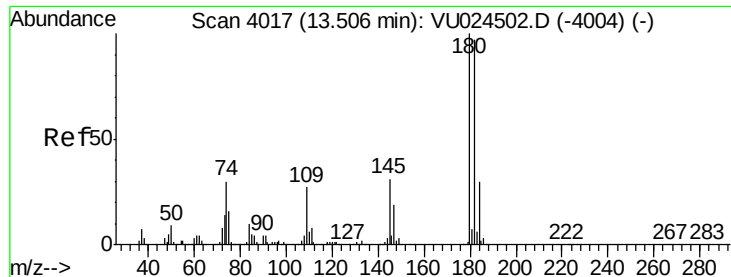


Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

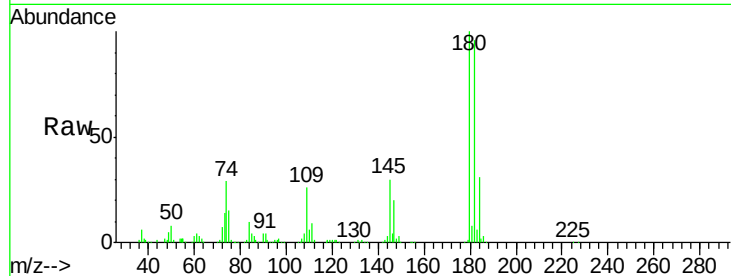




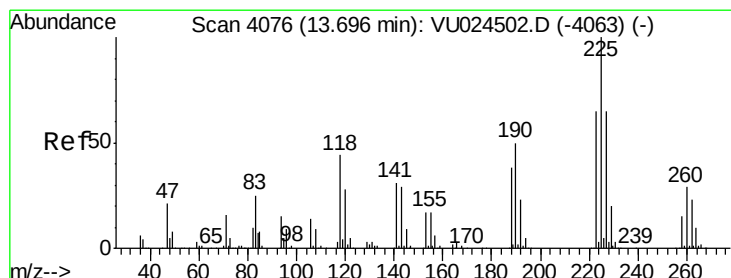
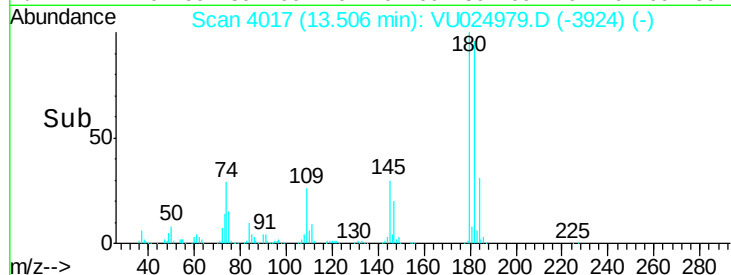
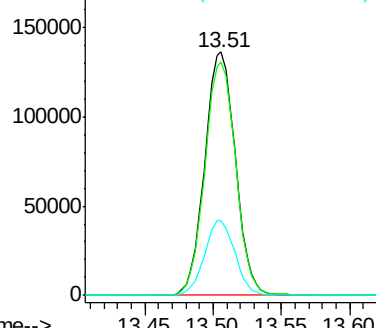
#93
 1,2,4-Trichlorobenzene
 Concen: 57.675 ug/l
 RT: 13.51 min Scan# 4017
 Delta R.T. -0.00 min
 Lab File: VU024979.D
 Acq: 27 Jun 2018 20:31

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:180 Resp: 213282
 Ion Ratio Lower Upper
 180 100
 182 96.4 48.0 144.2
 145 30.5 14.7 44.1

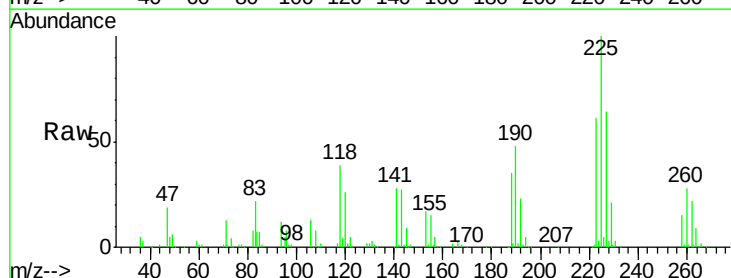


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

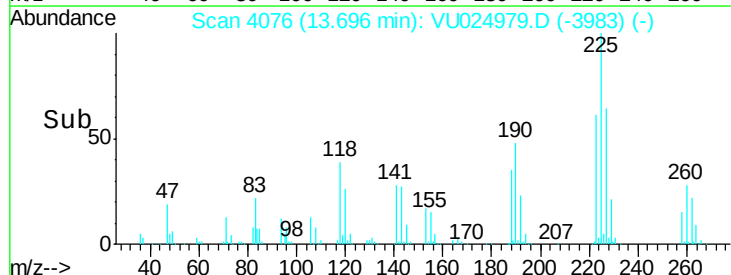
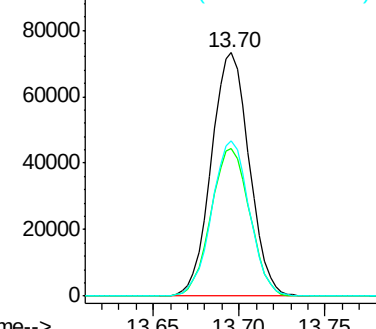


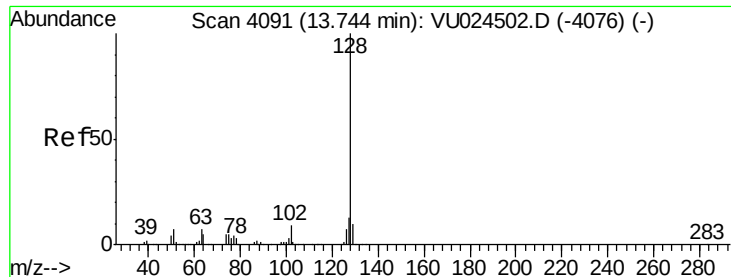
#94
 Hexachlorobutadiene
 Concen: 53.883 ug/l
 RT: 13.70 min Scan# 4076
 Delta R.T. -0.00 min
 Lab File: VU024979.D
 Acq: 27 Jun 2018 20:31

Tgt Ion:225 Resp: 112154
 Ion Ratio Lower Upper
 225 100
 223 61.9 31.3 93.8
 227 63.4 31.8 95.4



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V

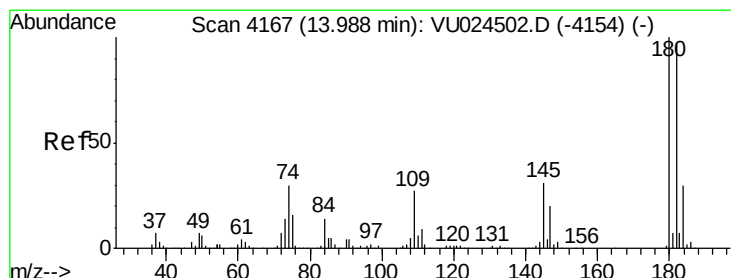
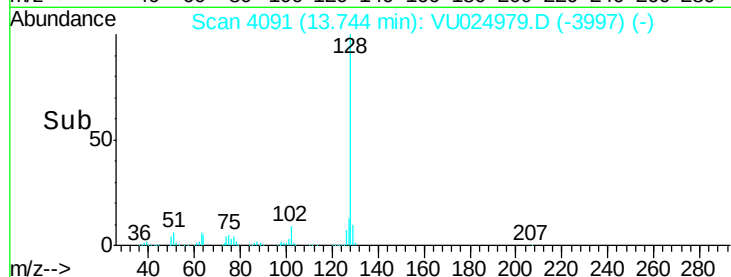
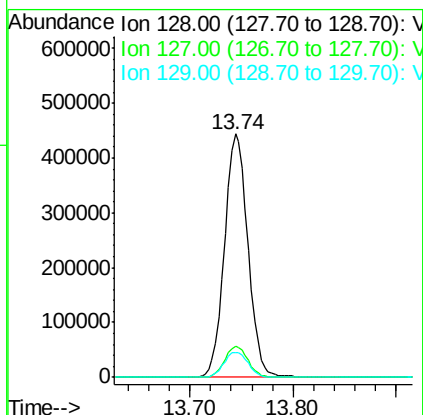
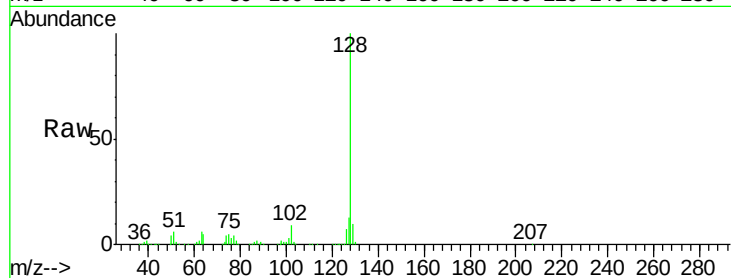




#95
Naphthalene
Concen: 57.316 ug/l
RT: 13.74 min Scan# 4091
Delta R.T. 0.00 min
Lab File: VU024979.D
Acq: 27 Jun 2018 20:31

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 702918
Ion Ratio Lower Upper
128 100
127 12.8 10.6 16.0
129 10.7 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 60.827 ug/l
RT: 13.99 min Scan# 4167
Delta R.T. -0.00 min
Lab File: VU024979.D
Acq: 27 Jun 2018 20:31

Tgt Ion:180 Resp: 224140
Ion Ratio Lower Upper
180 100
182 96.1 47.9 143.7
145 31.0 15.4 46.1

