

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU063018\
 Data File : VU025079.D
 Acq On : 30 Jun 2018 11:22
 Operator : MD/SY
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Quant Time: Jul 02 05:33:58 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	180162	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	266020	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	252314	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	156844	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	131129	44.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.16%	
35) Dibromofluoromethane	4.89	113	108479	49.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.28%	
50) Toluene-d8	7.57	98	356312	44.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.50%	
62) 4-Bromofluorobenzene	10.31	95	152787	47.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.58%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	96234	42.675	ug/l	98
3) Chloromethane	1.33	50	96898	42.059	ug/l	99
4) Vinyl Chloride	1.40	62	107197	45.117	ug/l	99
5) Bromomethane	1.62	94	68792	59.893	ug/l	100
6) Chloroethane	1.69	64	68694	51.778	ug/l	100
7) Trichlorofluoromethane	1.89	101	180927	49.898	ug/l	98
8) Diethyl Ether	2.10	74	68742	55.932	ug/l	85
9) 1,1,2-Trichlorotrifluoroet	2.29	101	111908	49.748	ug/l	98
10) Methyl Iodide	2.41	142	108068	56.050	ug/l	97
11) Tert butyl alcohol	2.82	59	163348	228.356	ug/l	100
12) 1,1-Dichloroethene	2.28	96	98868	48.195	ug/l	98
13) Acrolein	2.19	56	58151	154.808	ug/l	99
14) Allyl chloride	2.59	41	195033	51.204	ug/l	92
15) Acrylonitrile	2.93	53	325655	233.991	ug/l	99
16) Acetone	2.32	43	392691	248.492	ug/l	98
17) Carbon Disulfide	2.48	76	279872	42.607	ug/l	99
18) Methyl Acetate	2.62	43	186496	55.049	ug/l	98
19) Methyl tert-butyl Ether	3.00	73	395501	51.289	ug/l	96
20) Methylene Chloride	2.70	84	118555	47.812	ug/l	95
21) trans-1,2-Dichloroethene	2.99	96	110893	49.080	ug/l	98
22) Diisopropyl ether	3.57	45	378382	50.113	ug/l	94
23) Vinyl Acetate	3.53	43	1587975	234.776	ug/l	99
24) 1,1-Dichloroethane	3.45	63	217014	49.961	ug/l	99
25) 2-Butanone	4.26	43	509277	239.920	ug/l	98
26) 2,2-Dichloropropane	4.23	77	210812	51.112	ug/l	97
27) cis-1,2-Dichloroethene	4.23	96	131849	50.759	ug/l	100
28) Bromochloromethane	4.55	49	84619	44.228	ug/l	86
29) Tetrahydrofuran	4.63	42	299752	228.032	ug/l	96
30) Chloroform	4.68	83	230822	52.501	ug/l	100
31) Cyclohexane	5.00	56	196046	50.858	ug/l	95
32) 1,1,1-Trichloroethane	4.92	97	211324	51.979	ug/l	96
36) 1,1-Dichloropropene	5.14	75	167745	53.662	ug/l	98
37) Ethyl Acetate	4.38	43	174248	51.143	ug/l	97
38) Carbon Tetrachloride	5.14	117	188296	54.777	ug/l	98

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 Quant Title : SW846 8260
 QLast Update : Wed Jun 13 13:55:26 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.42	83	210786	54.035	ug/l	96
40) Benzene	5.39	78	481092	54.011	ug/l	100
41) Methacrylonitrile	4.54	41	98269	53.496	ug/l	98
42) 1,2-Dichloroethane	5.41	62	196190	57.832	ug/l	100
43) Isopropyl Acetate	5.55	43	287871	48.881	ug/l	99
44) Trichloroethene	6.19	130	136197	53.727	ug/l	95
45) 1,2-Dichloropropane	6.44	63	127570	53.676	ug/l	98
46) Dibromomethane	6.56	93	91130	54.589	ug/l	95
47) Bromodichloromethane	6.76	83	179660	54.045	ug/l	99
48) Methyl methacrylate	6.62	41	150749	52.568	ug/l	99
49) 1,4-Dioxane	6.62	88	71173	1269.096	ug/l	96
51) 4-Methyl-2-Pentanone	7.46	43	915285	247.379	ug/l	98
52) Toluene	7.64	92	314075	54.807	ug/l	98
53) t-1,3-Dichloropropene	7.88	75	196497	52.636	ug/l	100
54) cis-1,3-Dichloropropene	7.27	75	203894	51.257	ug/l	97
55) 1,1,2-Trichloroethane	8.07	97	125597	53.918	ug/l	98
56) Ethyl methacrylate	8.02	69	195248	50.079	ug/l	99
57) 1,3-Dichloropropane	8.25	76	215332	54.798	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.13	63	337925	226.238	ug/l	95
59) 2-Hexanone	8.36	43	750169	248.348	ug/l	99
60) Dibromochloromethane	8.48	129	145526	50.099	ug/l	99
61) 1,2-Dibromoethane	8.59	107	138807	53.537	ug/l	99
64) Tetrachloroethene	8.23	164	130474	54.402	ug/l	98
65) Chlorobenzene	9.12	112	354701	55.029	ug/l	100
66) 1,1,1,2-Tetrachloroethane	9.21	131	133411	54.479	ug/l	98
67) Ethyl Benzene	9.25	91	615140	54.438	ug/l	98
68) m/p-Xylenes	9.38	106	483339	111.391	ug/l	98
69) o-Xylene	9.78	106	238248	55.480	ug/l	96
70) Styrene	9.80	104	381584	54.072	ug/l	99
71) Bromoform	9.96	173	114596	49.233	ug/l #	99
73) Isopropylbenzene	10.17	105	649104	53.904	ug/l	100
74) N-amyl acetate	10.01	43	264041	46.099	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.46	83	204574	50.697	ug/l	99
76) 1,2,3-Trichloropropane	10.50	75	247562	71.692	ug/l	82
77) Bromobenzene	10.45	156	163569	53.655	ug/l	95
78) n-propylbenzene	10.59	91	755923	53.290	ug/l	98
79) 2-Chlorotoluene	10.66	91	443394	53.005	ug/l	99
80) 1,3,5-Trimethylbenzene	10.78	105	567449	54.368	ug/l	100
81) trans-1,4-Dichloro-2-buten	10.50	75	247562	165.925	ug/l #	100
82) 4-Chlorotoluene	10.78	91	520472	53.457	ug/l	100
83) tert-Butylbenzene	11.10	119	555253	55.305	ug/l	100
84) 1,2,4-Trimethylbenzene	11.15	105	578056	54.347	ug/l	100
85) sec-Butylbenzene	11.33	105	676996	53.870	ug/l	97
86) p-Isopropyltoluene	11.48	119	611617	54.340	ug/l	99
87) 1,3-Dichlorobenzene	11.42	146	306383	54.398	ug/l	100
88) 1,4-Dichlorobenzene	11.51	146	305926	53.966	ug/l	99
89) n-Butylbenzene	11.89	91	513256	51.363	ug/l	97
90) Hexachloroethane	12.15	117	104783	47.723	ug/l	98
91) 1,2-Dichlorobenzene	11.88	146	314393	55.730	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.66	75	53373	47.935	ug/l	91

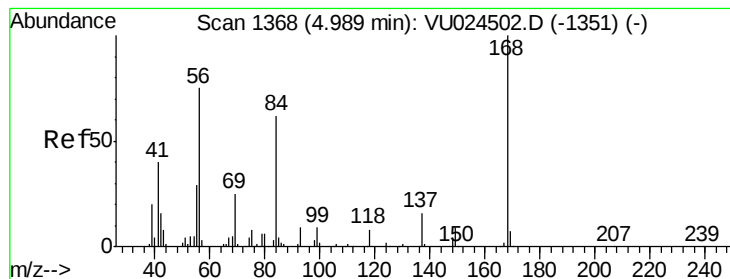
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU063018\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.51	180	212899	61.113	ug/l	99
94) Hexachlorobutadiene	13.70	225	113904	58.091	ug/l	100
95) Naphthalene	13.74	128	638949	55.330	ug/l	99
96) 1,2,3-Trichlorobenzene	13.99	180	215571	62.101	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.99 min Scan# 1367

Delta R.T. -0.00 min

Lab File: VU025079.D

Acq: 30 Jun 2018 11:22

Instrument :

MSVOA_U

ClientSampleId :

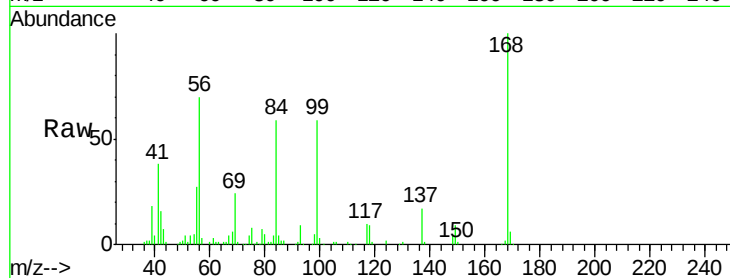
VSTDCCC050

Tgt Ion:168 Resp: 180162

Ion Ratio Lower Upper

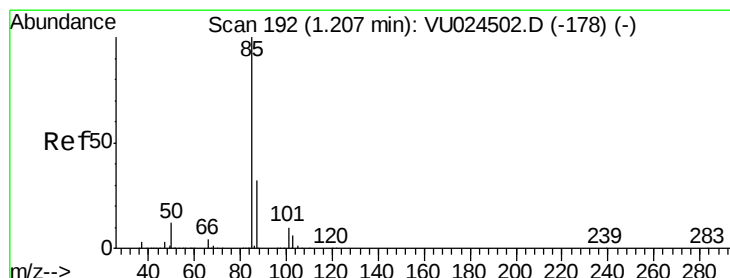
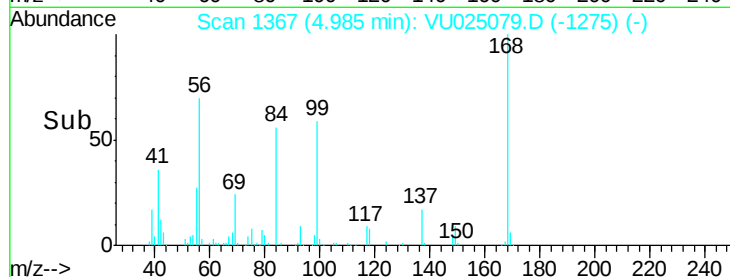
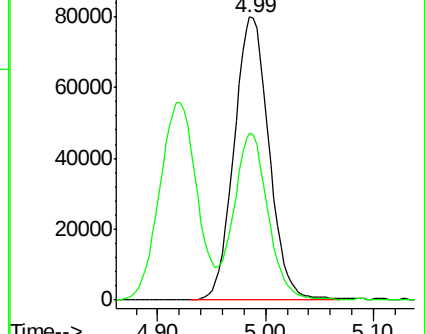
168 100

99 58.8 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: 42.675 ug/l

RT: 1.20 min Scan# 191

Delta R.T. -0.00 min

Lab File: VU025079.D

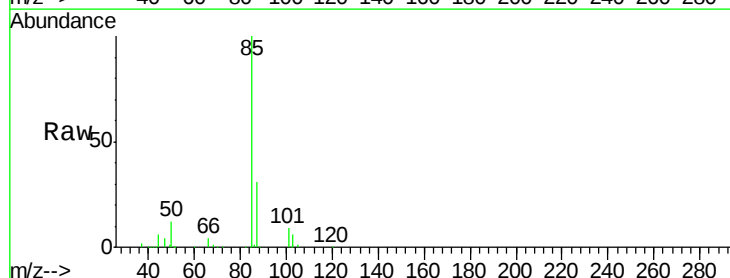
Acq: 30 Jun 2018 11:22

Tgt Ion: 85 Resp: 96234

Ion Ratio Lower Upper

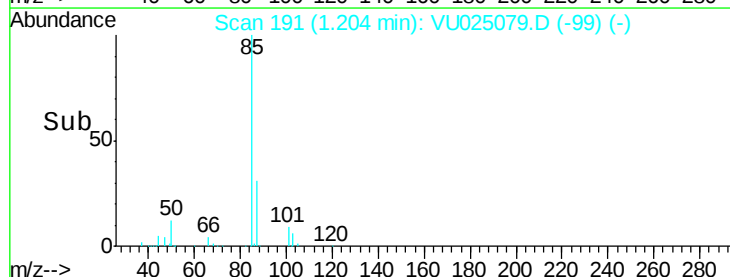
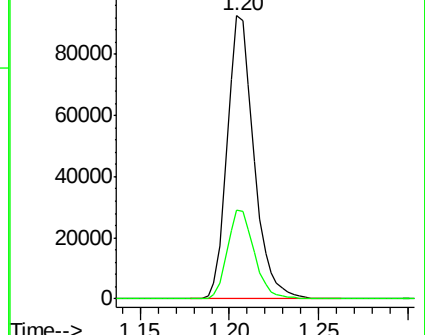
85 100

87 31.2 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) (-)

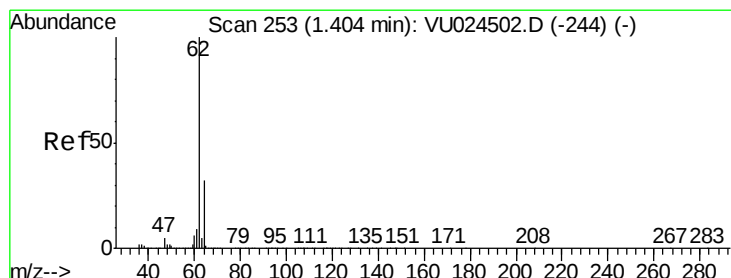
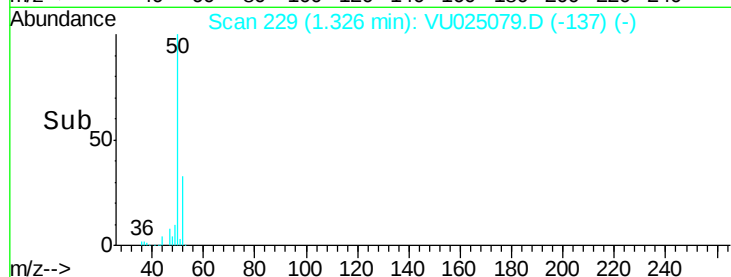
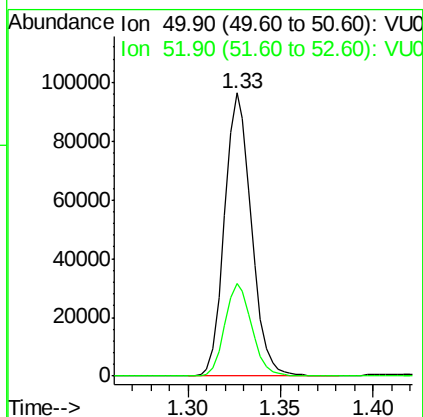
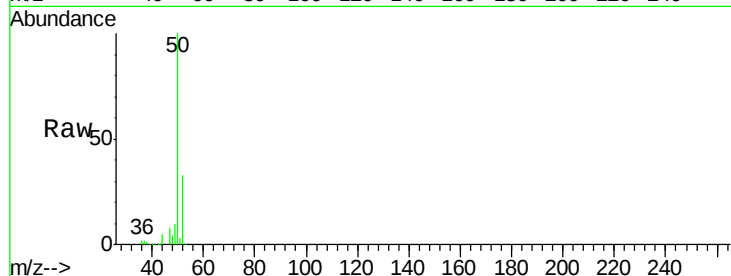




#3
Chloromethane
Concen: 42.059 ug/l
RT: 1.33 min Scan# 229
Delta R.T. -0.00 min
Lab File: VU025079.D
Acq: 30 Jun 2018 11:22

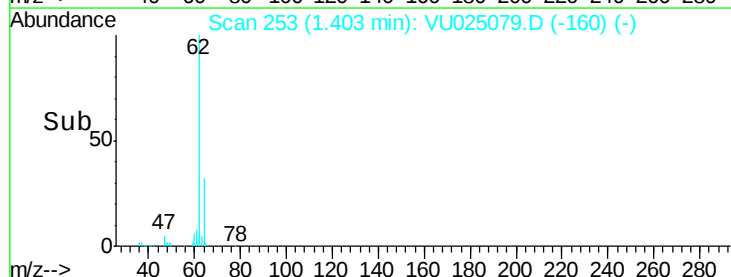
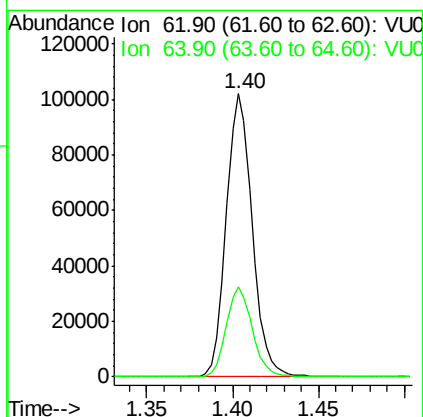
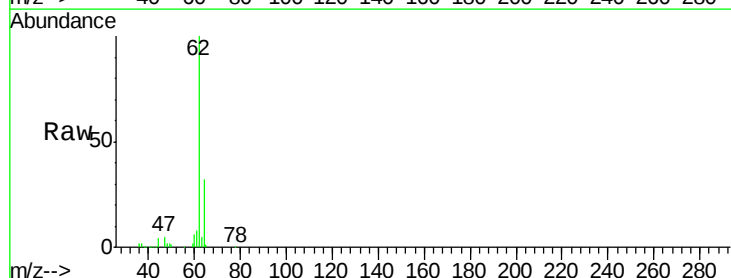
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tgt Ion: 50 Resp: 96898
Ion Ratio Lower Upper
50 100
52 32.6 26.4 39.6



#4
Vinyl Chloride
Concen: 45.117 ug/l
RT: 1.40 min Scan# 253
Delta R.T. -0.00 min
Lab File: VU025079.D
Acq: 30 Jun 2018 11:22

Tgt Ion: 62 Resp: 107197
Ion Ratio Lower Upper
62 100
64 31.7 24.8 37.2





#5

Bromomethane

Concen: 59.893 ug/l

RT: 1.62 min Scan# 319

Delta R.T. -0.01 min

Lab File: VU025079.D

Acq: 30 Jun 2018 11:22

Instrument :

MSVOA_U

ClientSampleId :

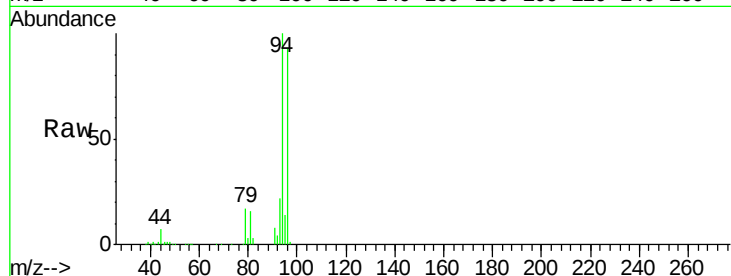
VSTDCCC050

Tgt Ion: 94 Resp: 68792

Ion Ratio Lower Upper

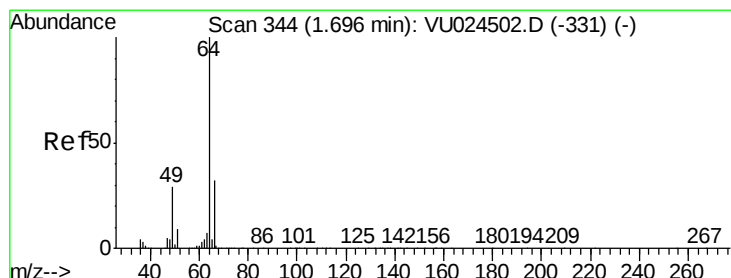
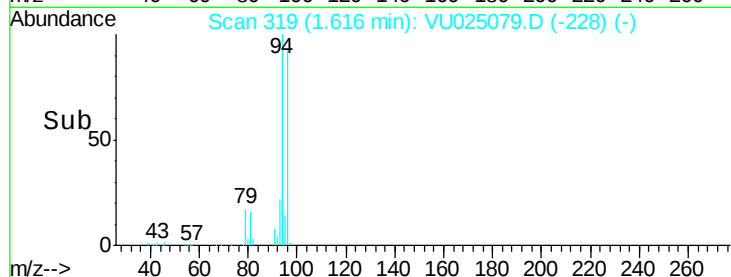
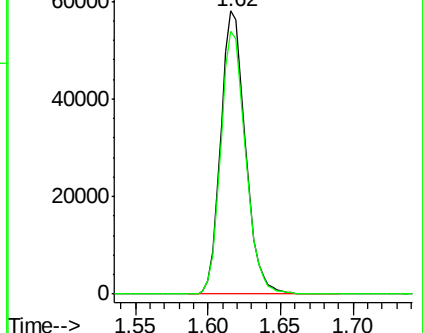
94 100

96 93.0 74.5 111.7



Abundance Ion 93.90 (93.60 to 94.60): VU024502.D (-311) (-)

Ion 95.90 (95.60 to 96.60): VU025079.D (-228) (-)



#6

Chloroethane

Concen: 51.778 ug/l

RT: 1.69 min Scan# 343

Delta R.T. -0.00 min

Lab File: VU025079.D

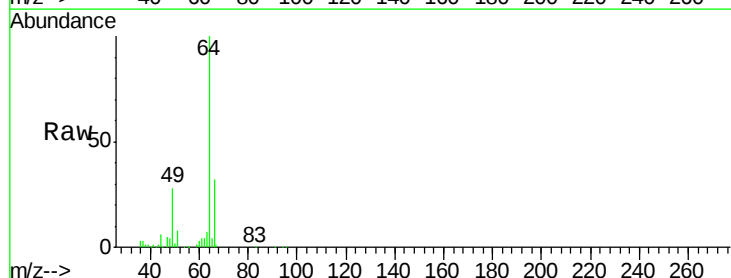
Acq: 30 Jun 2018 11:22

Tgt Ion: 64 Resp: 68694

Ion Ratio Lower Upper

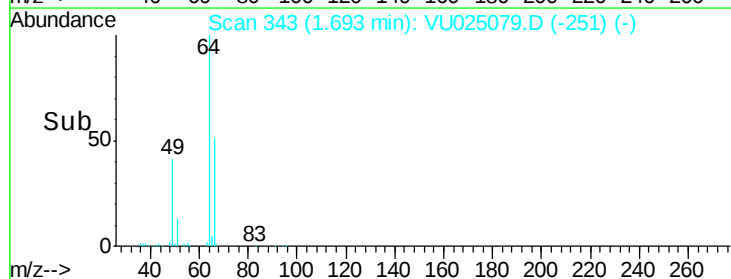
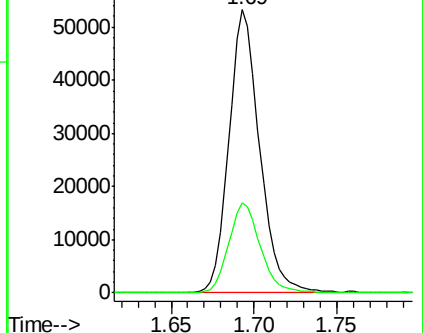
64 100

66 31.8 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VU024502.D (-331) (-)

Ion 65.90 (65.60 to 66.60): VU025079.D (-251) (-)



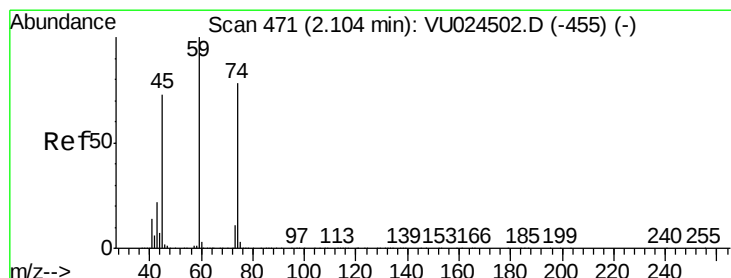
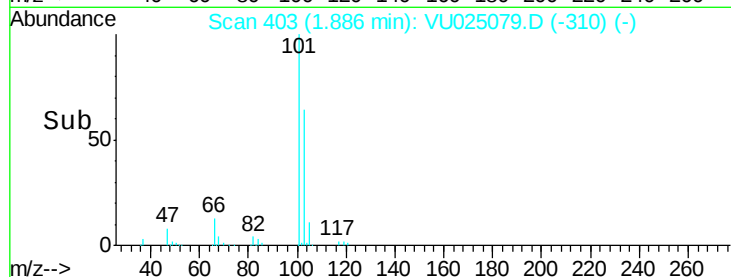
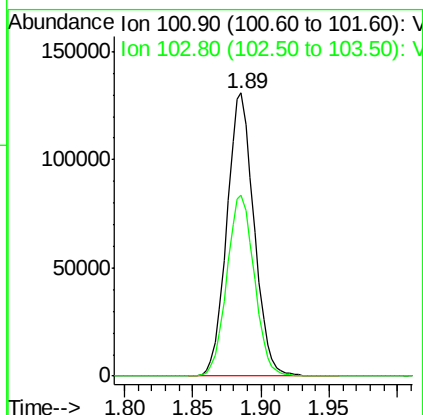
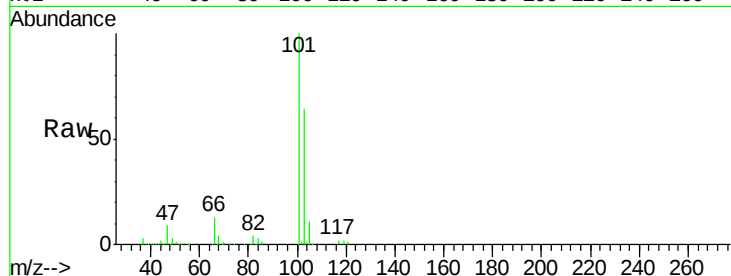


#7

Trichlorofluoromethane
 Concen: 49.898 ug/l
 RT: 1.89 min Scan# 403
 Delta R.T. -0.00 min
 Lab File: VU025079.D
 Acq: 30 Jun 2018 11:22

Instrument :
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 ClientSampleId :
 VSTDCCC050

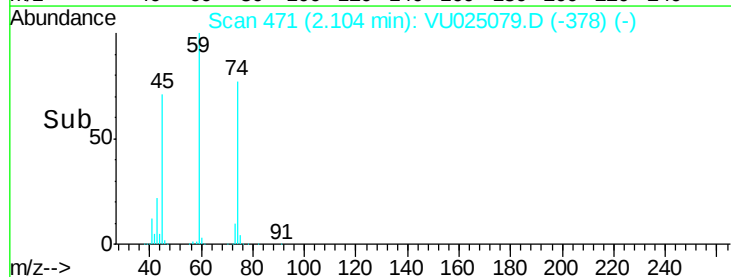
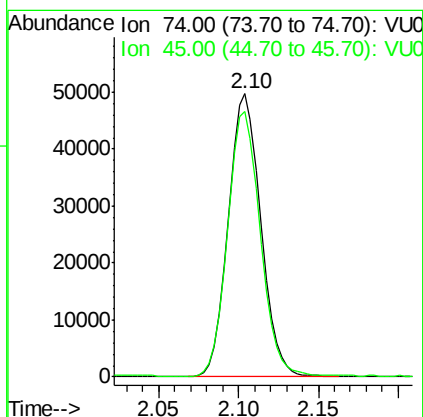
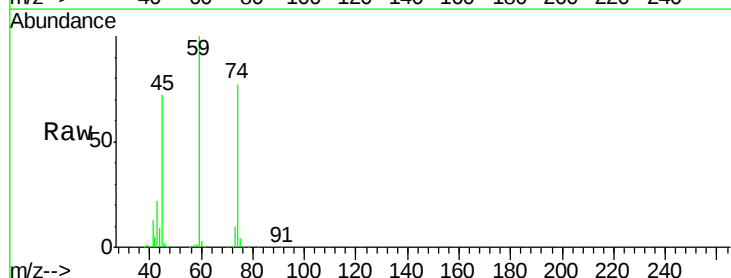
Tgt Ion: 101 Resp: 180927
 Ion Ratio Lower Upper
 101 100
 103 64.2 52.3 78.5



#8

Diethyl Ether
 Concen: 55.932 ug/l
 RT: 2.10 min Scan# 471
 Delta R.T. 0.00 min
 Lab File: VU025079.D
 Acq: 30 Jun 2018 11:22

Tgt Ion: 74 Resp: 68742
 Ion Ratio Lower Upper
 74 100
 45 94.6 55.0 165.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.748 ug/l

RT: 2.29 min Scan# 528

Delta R.T. -0.00 min

Lab File: VU025079.D

Acq: 30 Jun 2018 11:22

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

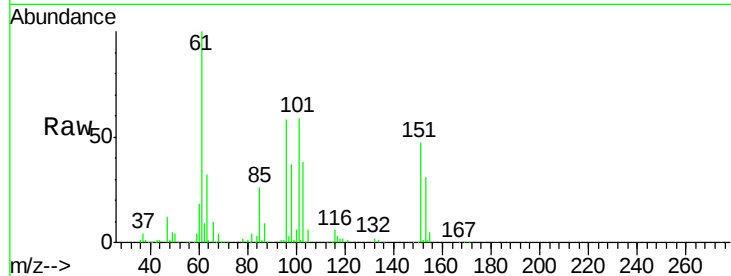
Tgt Ion:101 Resp: 111908

Ion Ratio Lower Upper

101 100

85 45.0 36.0 54.0

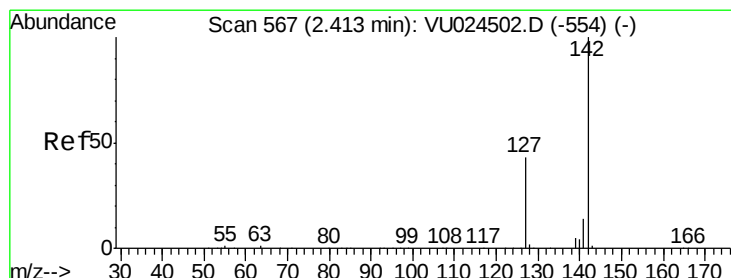
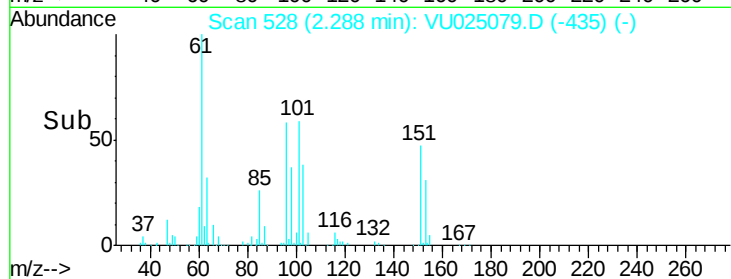
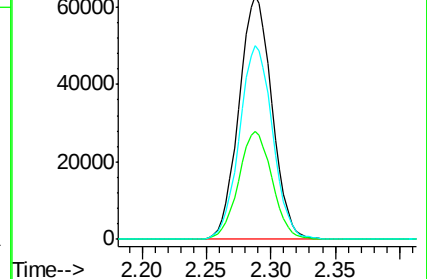
151 80.1 62.3 93.5



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 56.050 ug/l

RT: 2.41 min Scan# 567

Delta R.T. 0.00 min

Lab File: VU025079.D

Acq: 30 Jun 2018 11:22

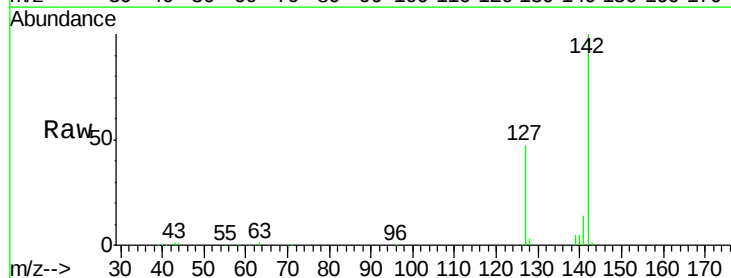
Tgt Ion:142 Resp: 108068

Ion Ratio Lower Upper

142 100

127 47.4 35.6 53.4

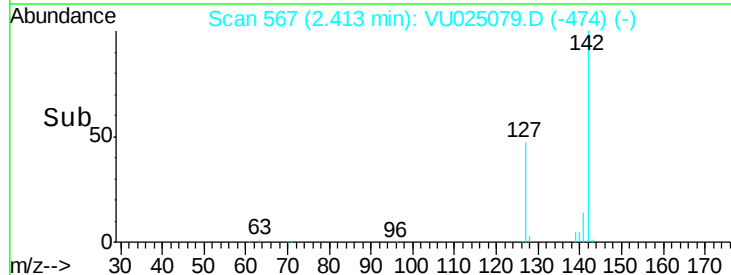
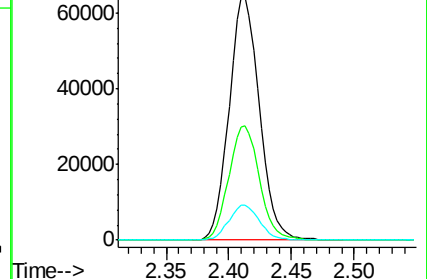
141 14.5 11.7 17.5



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



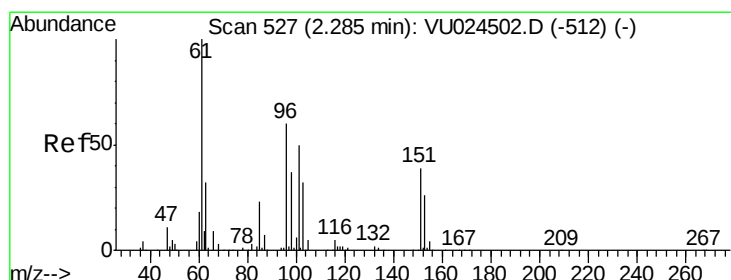
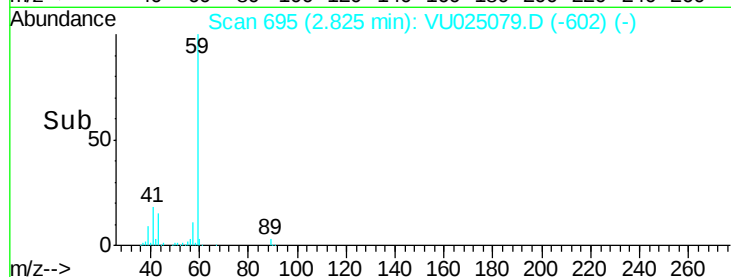
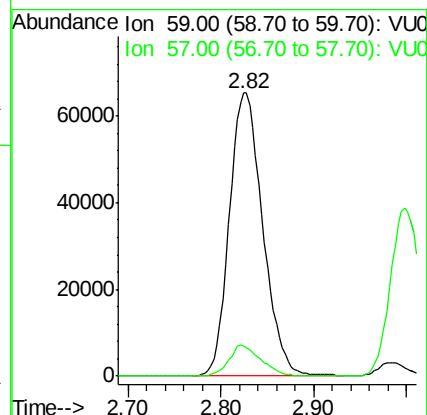
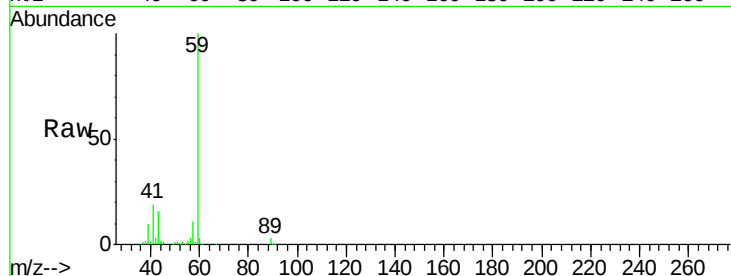


#11

Tert butyl alcohol
 Concen: 228.356 ug/l
 RT: 2.82 min Scan# 695
 Delta R.T. -0.00 min
 Lab File: VU025079.D
 Acq: 30 Jun 2018 11:22

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

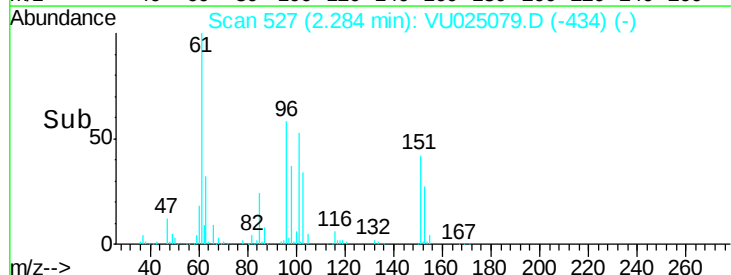
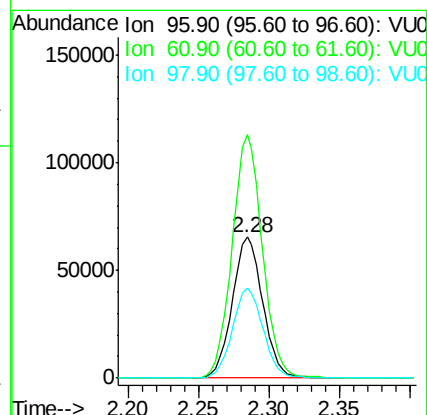
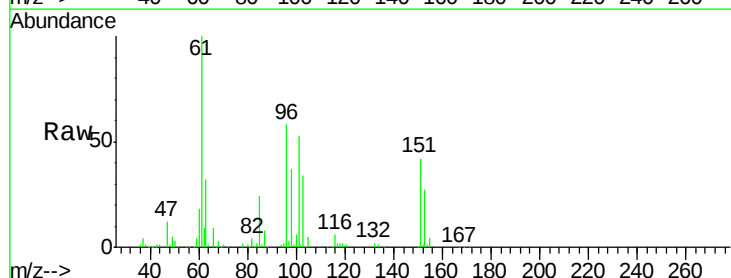
Tgt Ion: 59 Resp: 163348
 Ion Ratio Lower Upper
 59 100
 57 10.5 8.5 12.7



#12

1,1-Dichloroethene
 Concen: 48.195 ug/l
 RT: 2.28 min Scan# 527
 Delta R.T. -0.00 min
 Lab File: VU025079.D
 Acq: 30 Jun 2018 11:22

Tgt Ion: 96 Resp: 98868
 Ion Ratio Lower Upper
 96 100
 61 173.1 141.7 212.5
 98 63.8 51.6 77.4





#13

Acrolein

Concen: 154.808 ug/l

RT: 2.19 min Scan# 499

Delta R.T. -0.00 min

Lab File: VU025079.D

Acq: 30 Jun 2018 11:22

Instrument :

MSVOA_U

ClientSampleId :

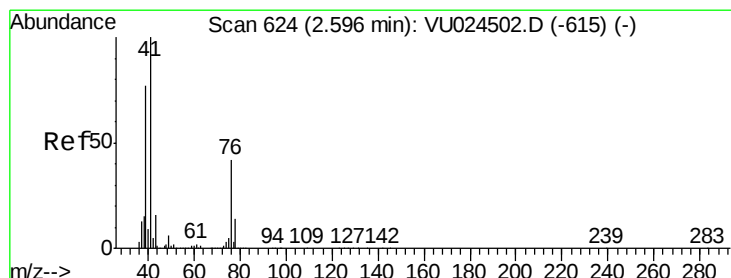
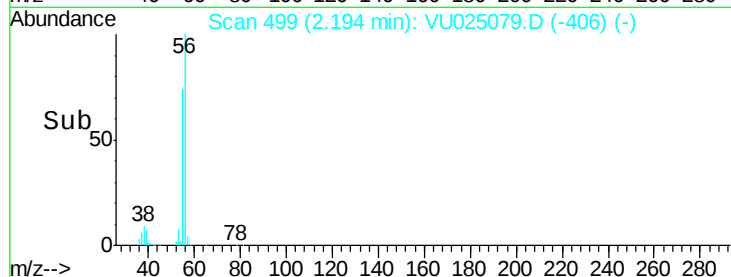
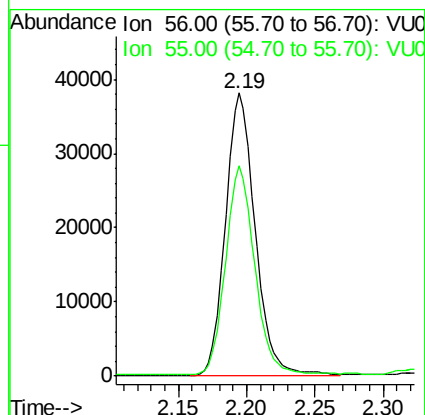
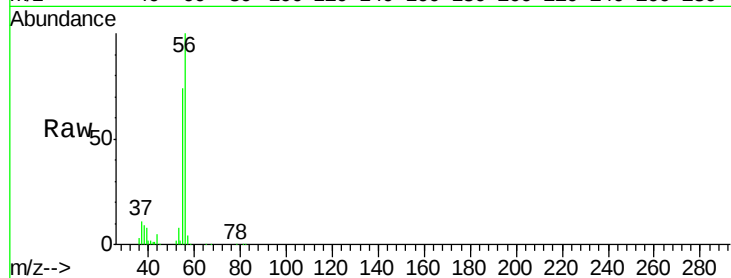
VSTDCCC050

Tgt Ion: 56 Resp: 58151

Ion Ratio Lower Upper

56 100

55 71.9 58.4 87.6



#14

Allyl chloride

Concen: 51.204 ug/l

RT: 2.59 min Scan# 623

Delta R.T. -0.00 min

Lab File: VU025079.D

Acq: 30 Jun 2018 11:22

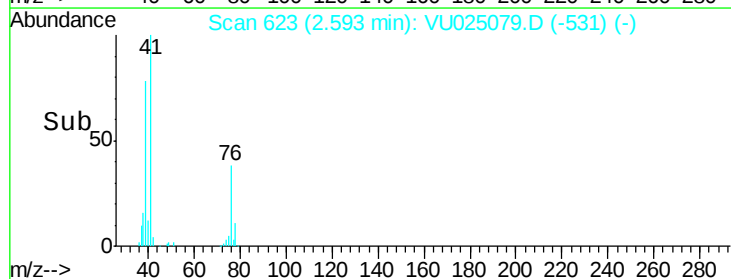
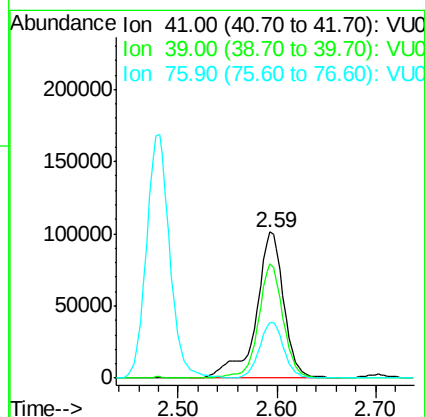
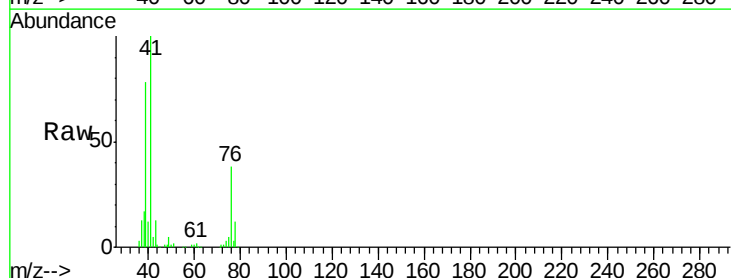
Tgt Ion: 41 Resp: 195033

Ion Ratio Lower Upper

41 100

39 69.5 61.6 92.4

76 33.7 29.7 44.5

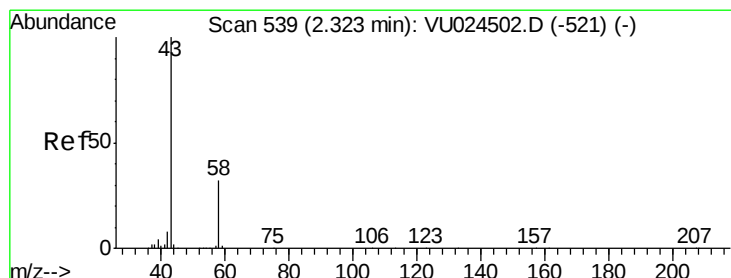
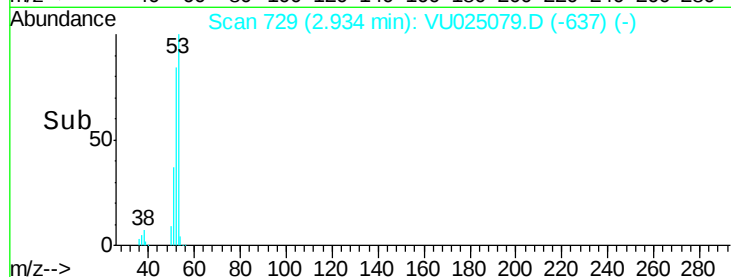
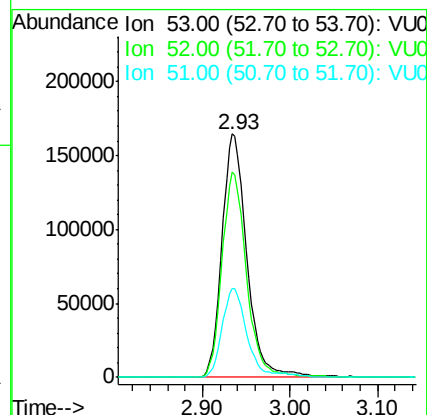
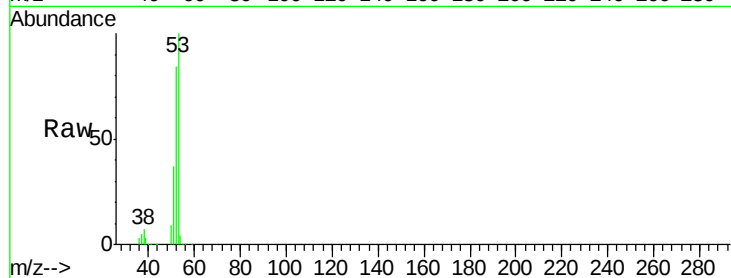




#15
 Acrylonitrile
 Concen: 233.991 ug/l
 RT: 2.93 min Scan# 729
 Delta R.T. -0.00 min
 Lab File: VU025079.D
 Acq: 30 Jun 2018 11:22

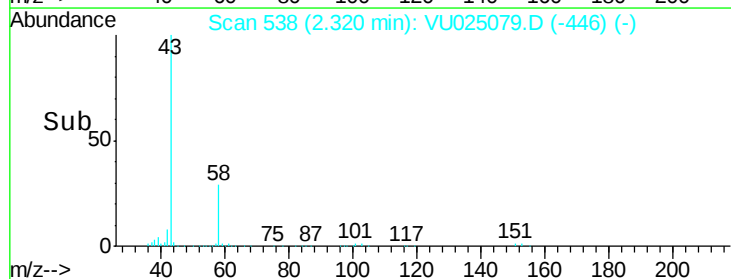
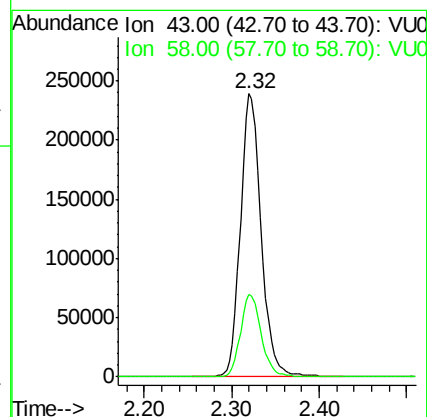
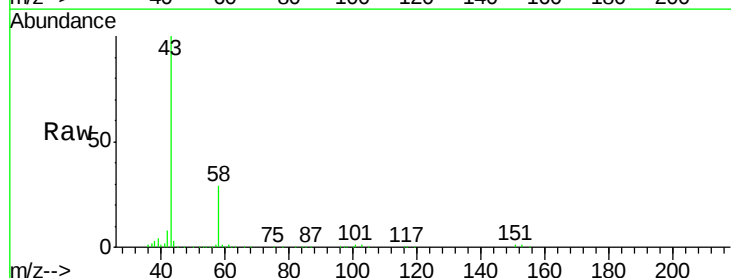
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

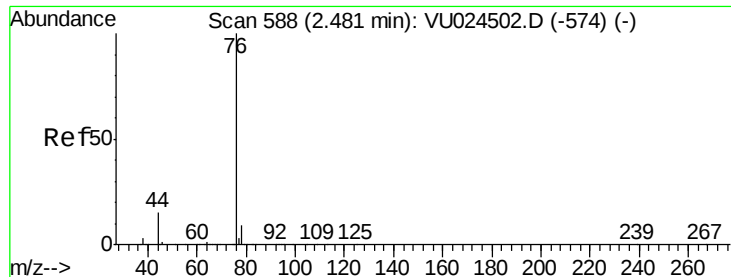
Tgt Ion	Ratio	Lower	Upper
53	100		
52	83.3	67.1	100.7
51	37.1	28.4	42.6



#16
 Acetone
 Concen: 248.492 ug/l
 RT: 2.32 min Scan# 538
 Delta R.T. -0.00 min
 Lab File: VU025079.D
 Acq: 30 Jun 2018 11:22

Tgt Ion	Ratio	Lower	Upper
43	100		
58	29.3	24.4	36.6

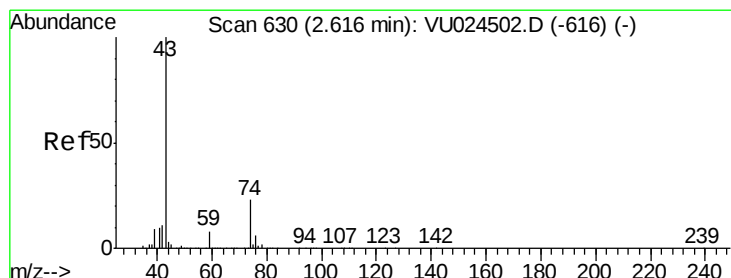
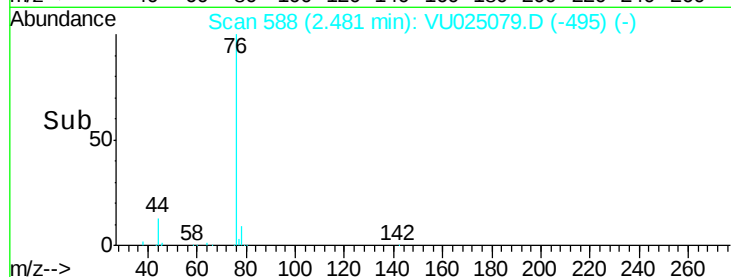
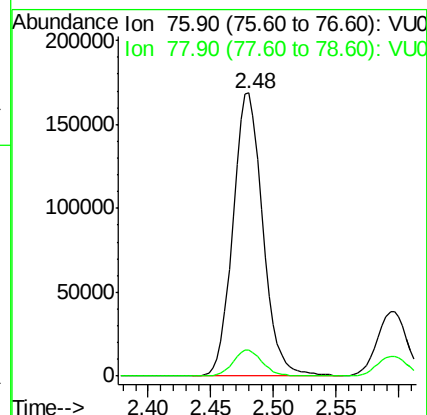
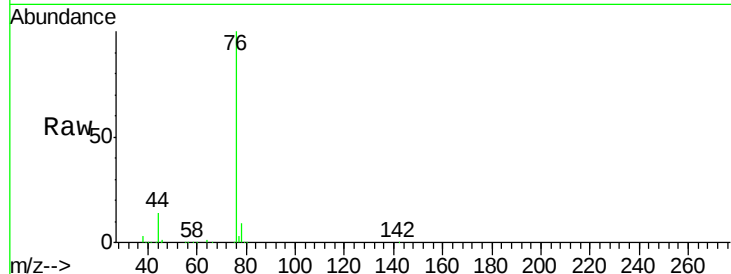




#17
Carbon Disulfide
Concen: 42.607 ug/l
RT: 2.48 min Scan# 588
Delta R.T. -0.00 min
Lab File: VU025079.D
Acq: 30 Jun 2018 11:22

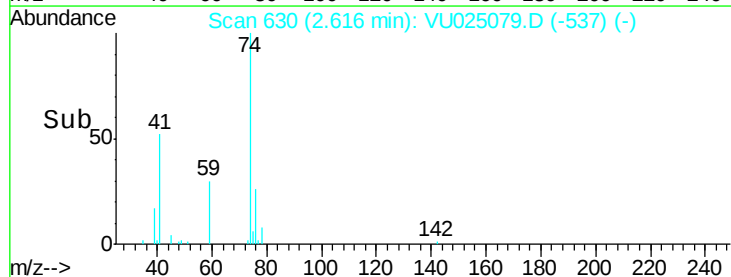
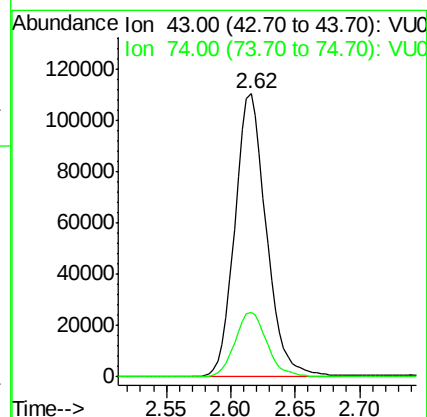
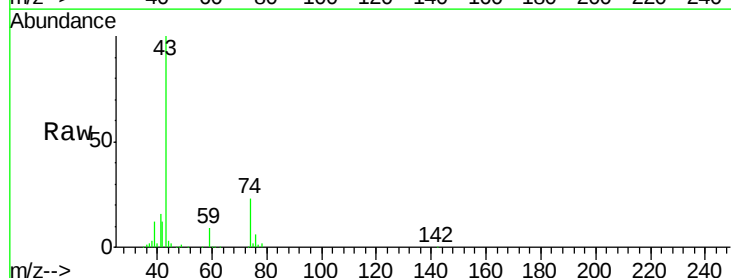
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 279872
Ion Ratio Lower Upper
76 100
78 9.2 7.1 10.7



#18
Methyl Acetate
Concen: 55.049 ug/l
RT: 2.62 min Scan# 630
Delta R.T. -0.00 min
Lab File: VU025079.D
Acq: 30 Jun 2018 11:22

Tgt Ion: 43 Resp: 186496
Ion Ratio Lower Upper
43 100
74 23.3 18.0 27.0

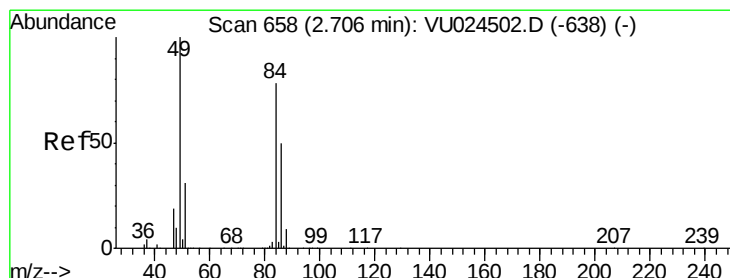
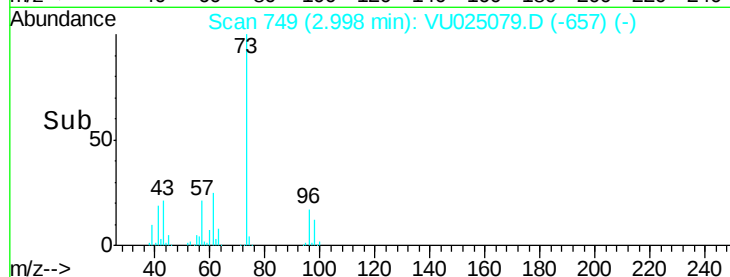
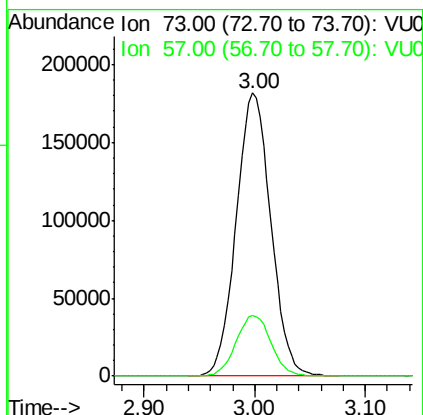
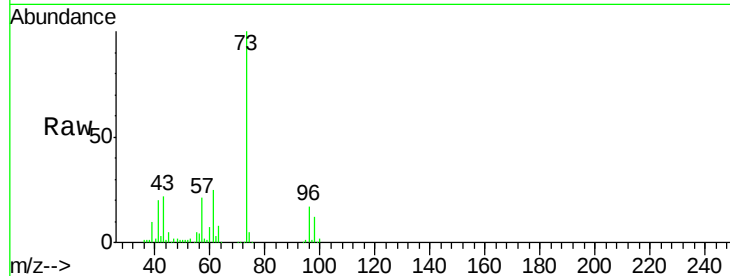




#19
Methyl tert-butyl Ether
Concen: 51.289 ug/l
RT: 3.00 min Scan# 749
Delta R.T. -0.00 min
Lab File: VU025079.D
Acq: 30 Jun 2018 11:22

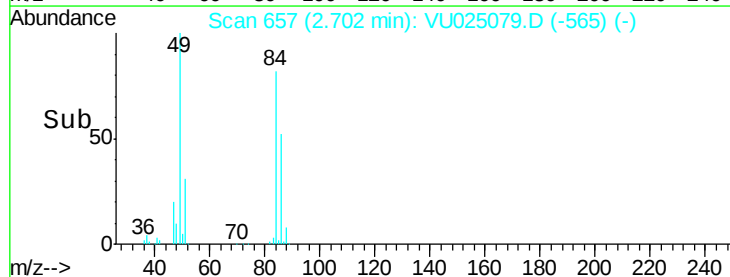
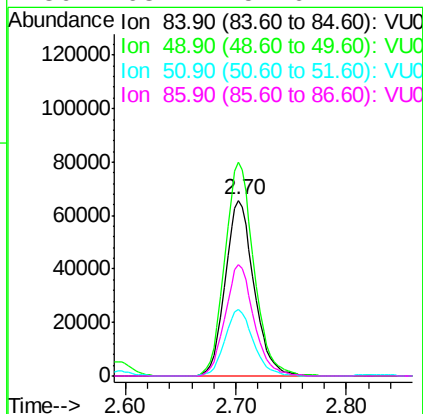
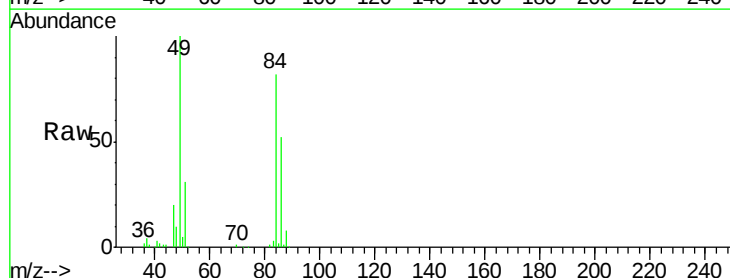
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

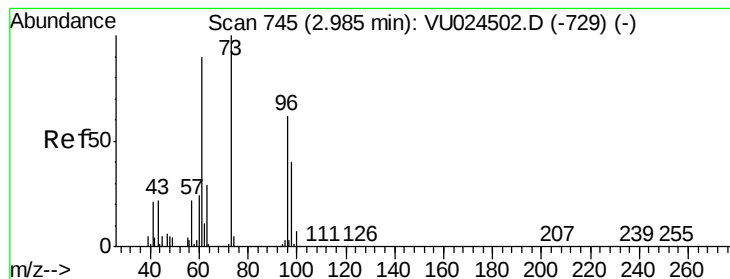
Tgt Ion: 73 Resp: 395501
Ion Ratio Lower Upper
73 100
57 21.3 18.8 28.2



#20
Methylene Chloride
Concen: 47.812 ug/l
RT: 2.70 min Scan# 657
Delta R.T. -0.00 min
Lab File: VU025079.D
Acq: 30 Jun 2018 11:22

Tgt Ion: 84 Resp: 118555
Ion Ratio Lower Upper
84 100
49 121.7 103.8 155.8
51 37.7 32.0 48.0
86 63.1 51.6 77.4





#21

trans-1,2-Dichloroethene

Concen: 49.080 ug/l

RT: 2.99 min Scan# 745

Delta R.T. -0.00 min

Lab File: VU025079.D

Acq: 30 Jun 2018 11:22

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

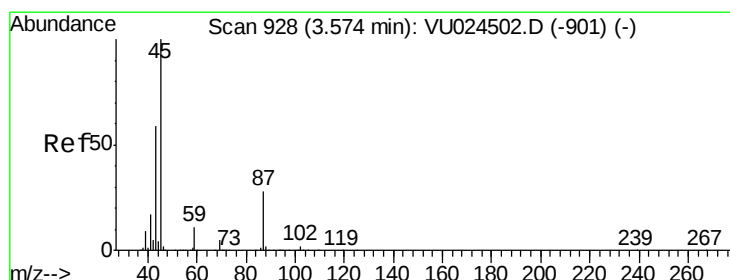
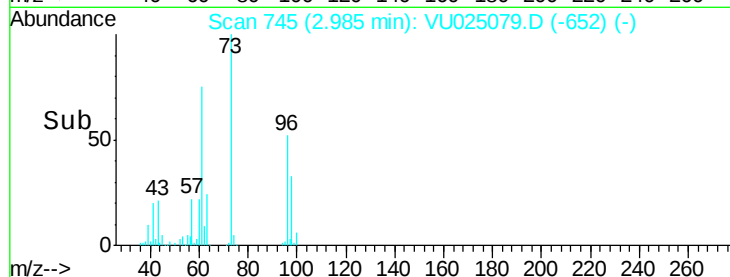
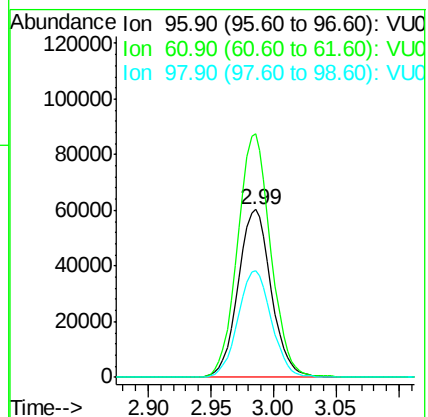
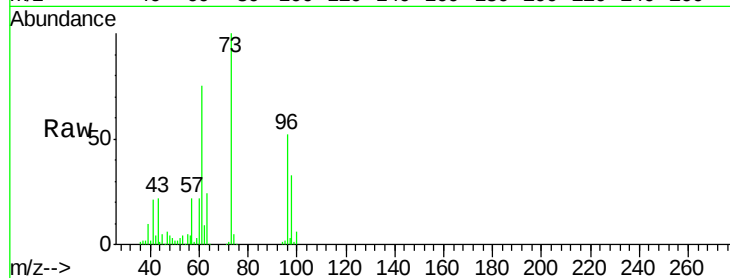
Tgt Ion: 96 Resp: 110893

Ion Ratio Lower Upper

96 100

61 144.9 119.4 179.0

98 63.6 51.1 76.7



#22

Diisopropyl ether

Concen: 50.113 ug/l

RT: 3.57 min Scan# 927

Delta R.T. -0.00 min

Lab File: VU025079.D

Acq: 30 Jun 2018 11:22

Tgt Ion: 45 Resp: 378382

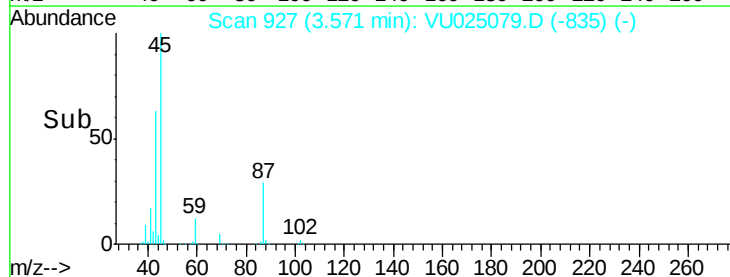
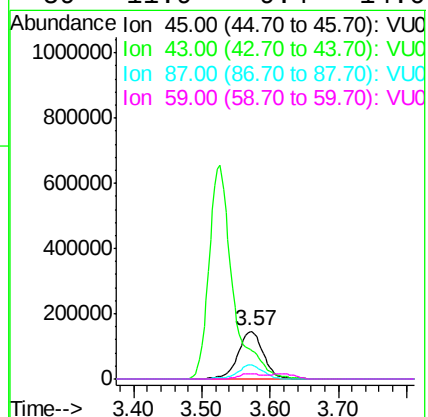
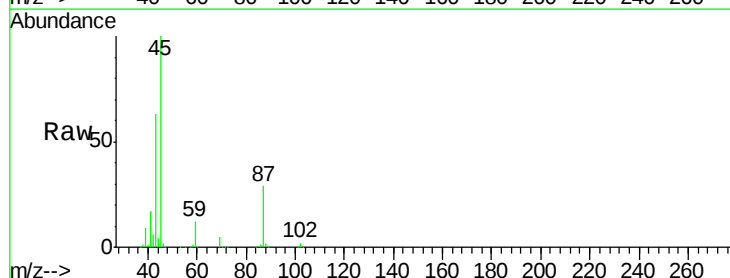
Ion Ratio Lower Upper

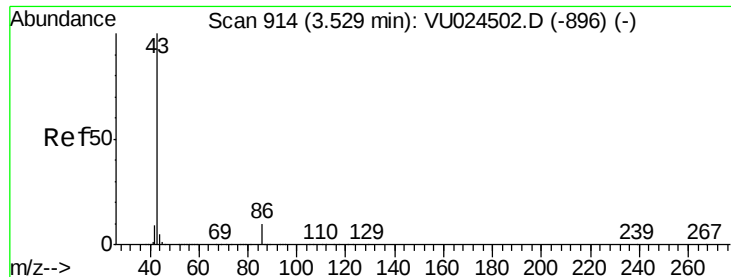
45 100

43 62.1 45.8 68.6

87 28.7 20.6 31.0

59 11.9 9.4 14.0





#23

Vinyl Acetate

Concen: 234.776 ug/l

RT: 3.53 min Scan# 913

Delta R.T. -0.00 min

Lab File: VU025079.D

Acq: 30 Jun 2018 11:22

Instrument :

MSVOA_U

ClientSampleId :

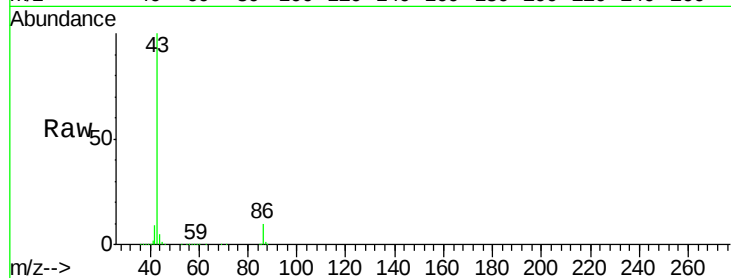
VSTDCCC050

Tgt Ion: 43 Resp: 1587975

Ion Ratio Lower Upper

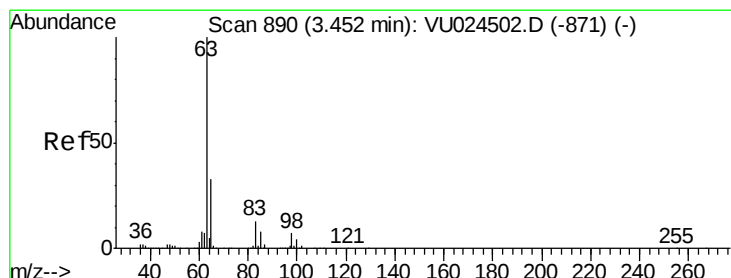
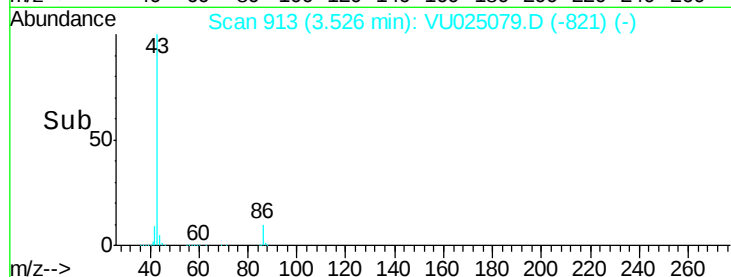
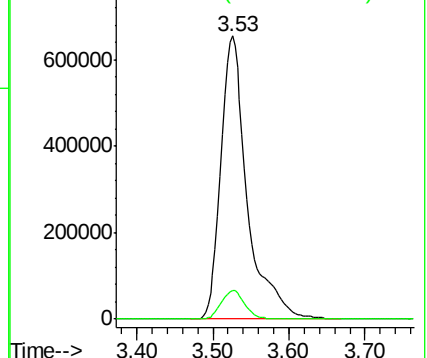
43 100

86 10.3 7.8 11.8



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 86.00 (85.70 to 86.70): VU0



#24

1,1-Dichloroethane

Concen: 49.961 ug/l

RT: 3.45 min Scan# 889

Delta R.T. -0.00 min

Lab File: VU025079.D

Acq: 30 Jun 2018 11:22

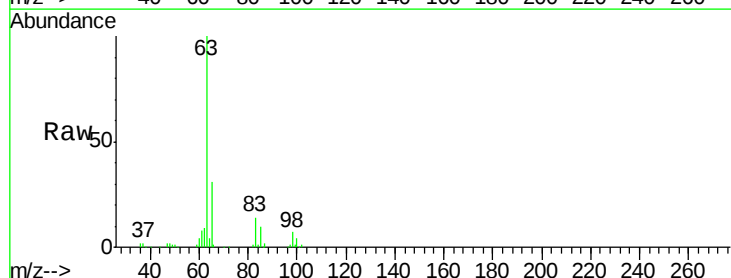
Tgt Ion: 63 Resp: 217014

Ion Ratio Lower Upper

63 100

98 7.1 3.5 10.4

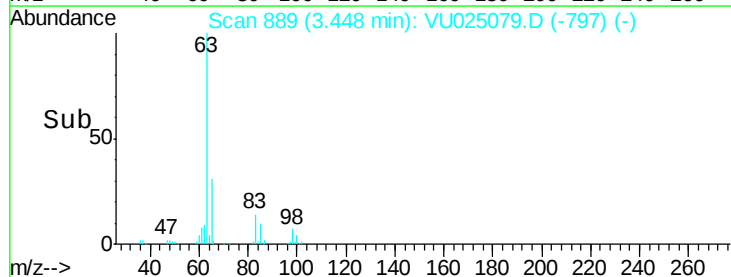
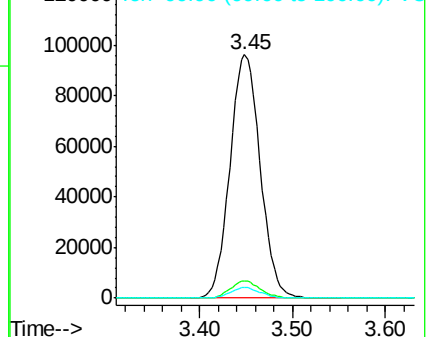
100 4.4 1.8 5.5



Abundance Ion 62.90 (62.60 to 63.60): VU0

Ion 97.90 (97.60 to 98.60): VU0

Ion 99.90 (99.60 to 100.60): VU0

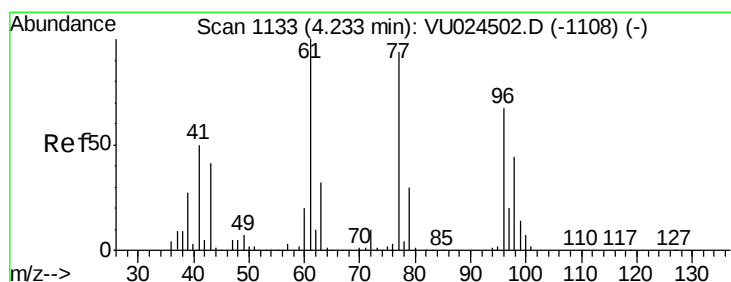
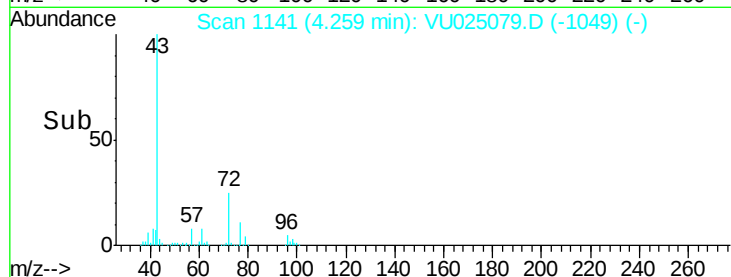
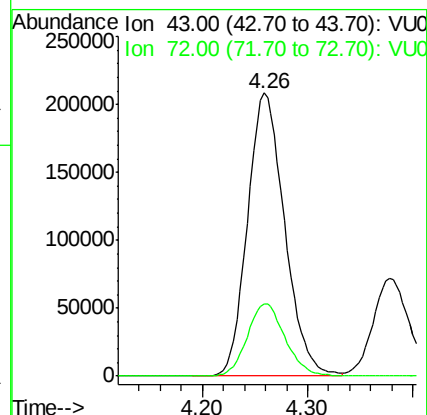
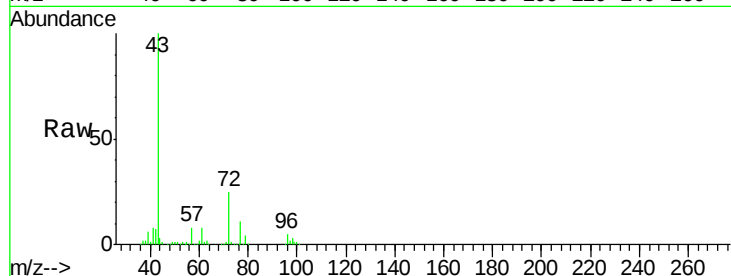




#25
2-Butanone
Concen: 239.920 ug/l
RT: 4.26 min Scan# 1141
Delta R.T. -0.00 min
Lab File: VU025079.D
Acq: 30 Jun 2018 11:22

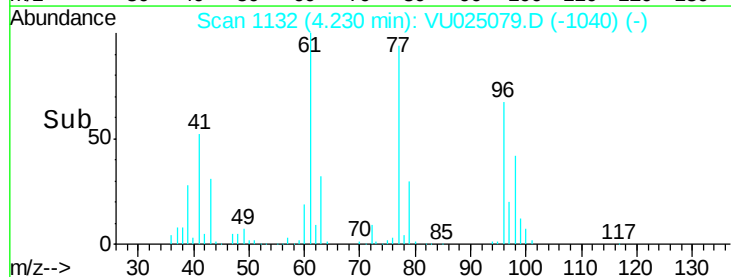
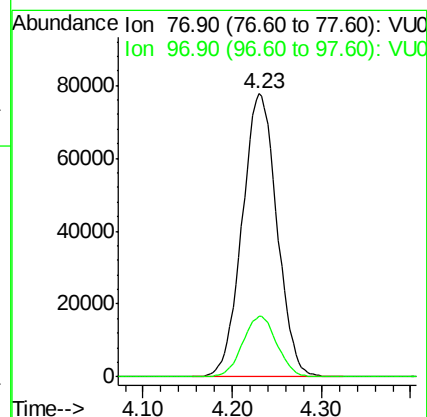
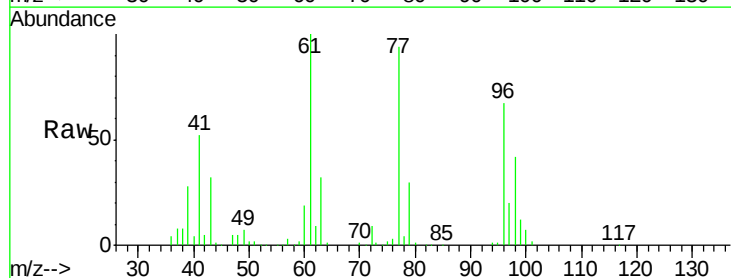
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 509277
Ion Ratio Lower Upper
43 100
72 25.4 19.6 29.4



#26
2,2-Dichloropropane
Concen: 51.112 ug/l
RT: 4.23 min Scan# 1132
Delta R.T. -0.00 min
Lab File: VU025079.D
Acq: 30 Jun 2018 11:22

Tgt Ion: 77 Resp: 210812
Ion Ratio Lower Upper
77 100
97 21.1 11.3 33.8

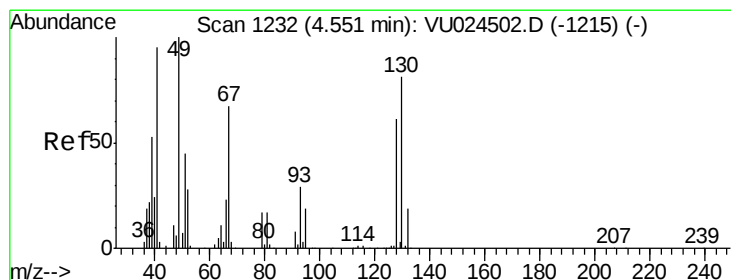
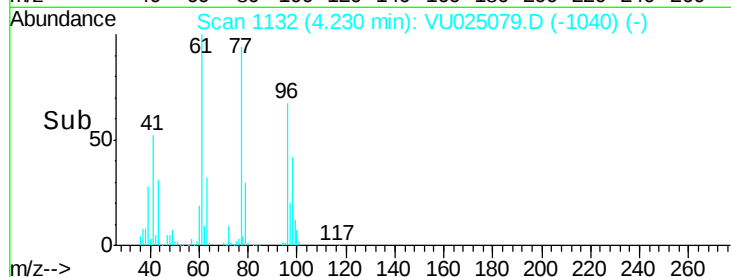
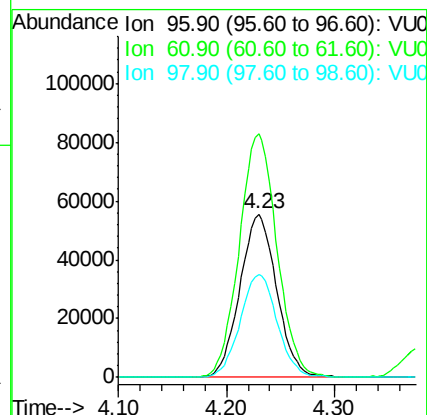
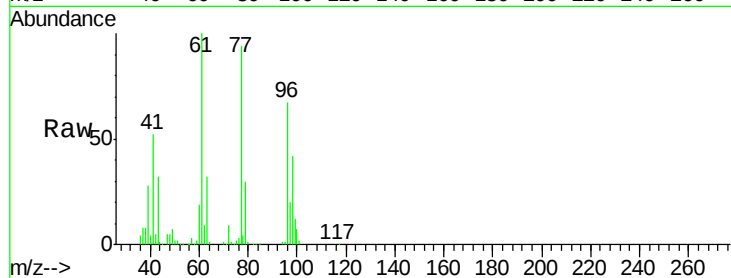




#27
 cis-1,2-Dichloroethene
 Concen: 50.759 ug/l
 RT: 4.23 min Scan# 1132
 Delta R.T. -0.00 min
 Lab File: VU025079.D
 Acq: 30 Jun 2018 11:22

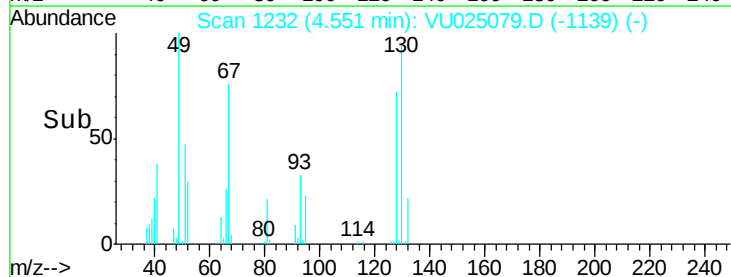
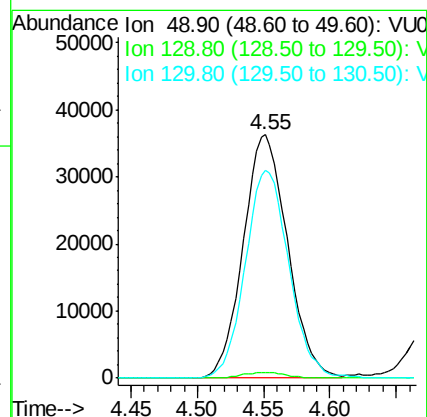
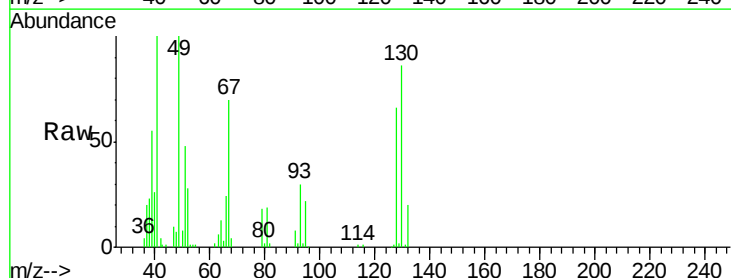
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 96 Resp: 131849
 Ion Ratio Lower Upper
 96 100
 61 152.9 0.0 306.6
 98 64.0 0.0 128.8



#28
 Bromochloromethane
 Concen: 44.228 ug/l
 RT: 4.55 min Scan# 1232
 Delta R.T. -0.00 min
 Lab File: VU025079.D
 Acq: 30 Jun 2018 11:22

Tgt Ion: 49 Resp: 84619
 Ion Ratio Lower Upper
 49 100
 129 2.2 0.0 3.8
 130 84.1 57.8 86.6

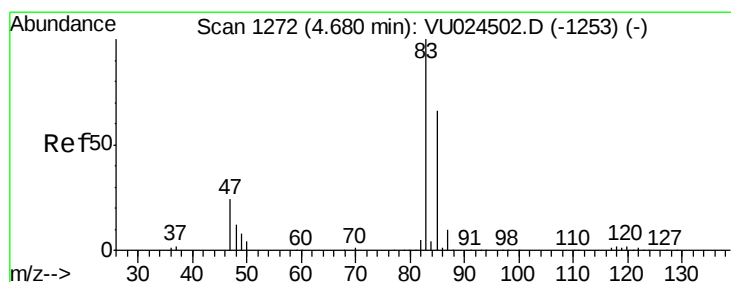
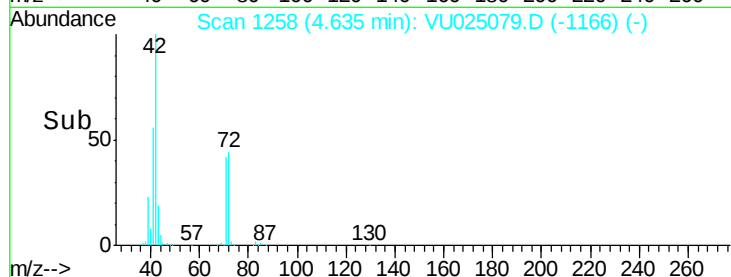
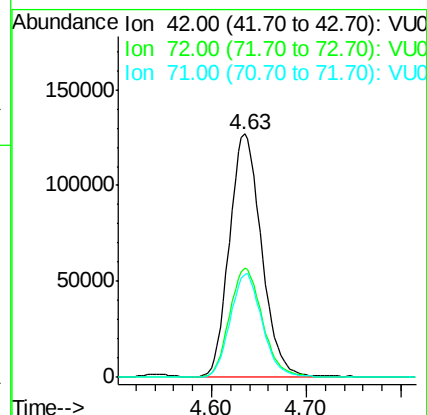
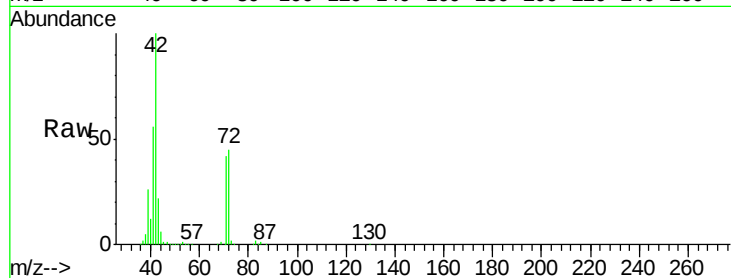




#29
Tetrahydrofuran
Concen: 228.032 ug/l
RT: 4.63 min Scan# 1258
Delta R.T. -0.00 min
Lab File: VU025079.D
Acq: 30 Jun 2018 11:22

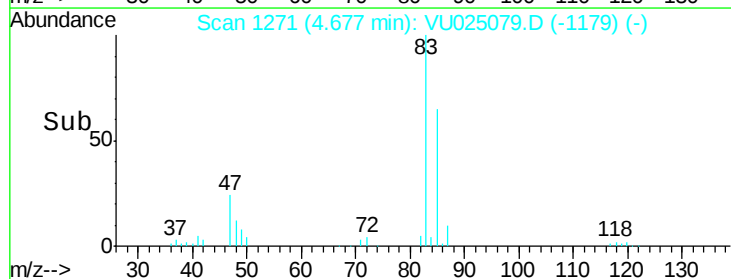
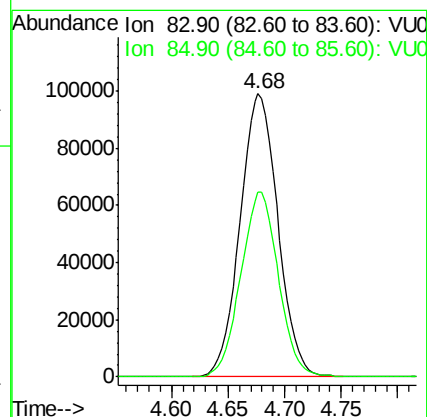
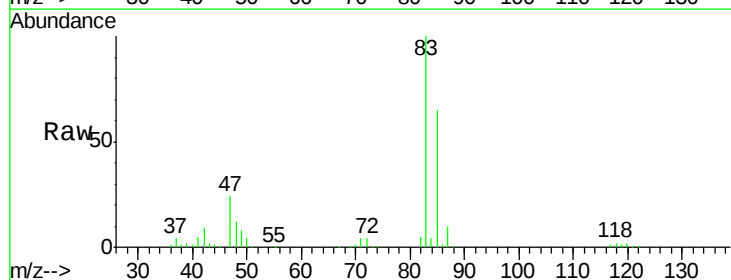
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tgt Ion: 42 Resp: 299752
Ion Ratio Lower Upper
42 100
72 46.0 34.5 51.7
71 42.5 32.2 48.4



#30
Chloroform
Concen: 52.501 ug/l
RT: 4.68 min Scan# 1271
Delta R.T. -0.00 min
Lab File: VU025079.D
Acq: 30 Jun 2018 11:22

Tgt Ion: 83 Resp: 230822
Ion Ratio Lower Upper
83 100
85 65.1 52.4 78.6

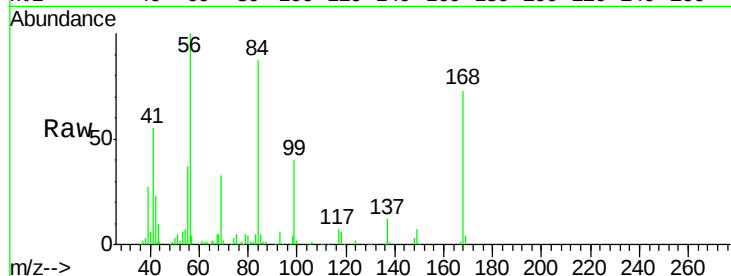




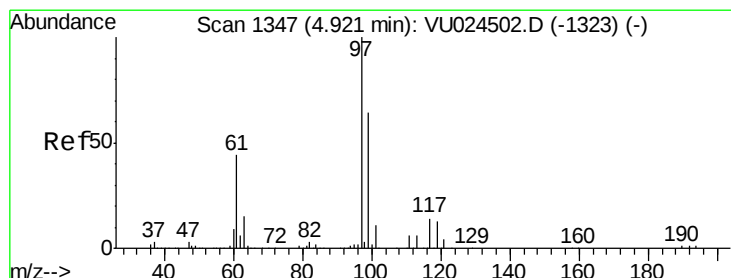
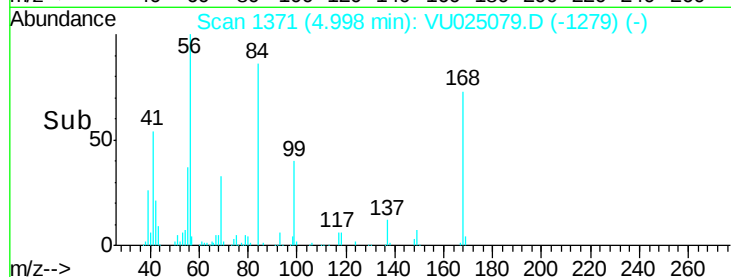
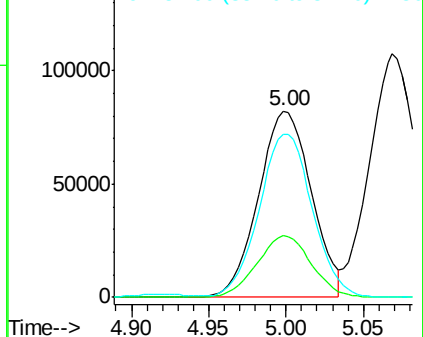
#31
Cyclohexane
Concen: 50.858 ug/l
RT: 5.00 min Scan# 1371
Delta R.T. -0.00 min
Lab File: VU025079.D
Acq: 30 Jun 2018 11:22

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
56	100		
69	33.0	24.8	37.2
84	86.5	65.2	97.8

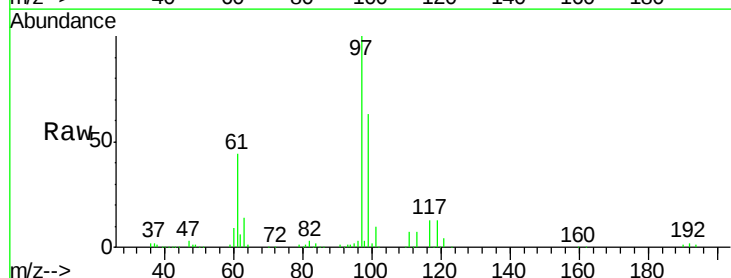


Abundance Ion 56.00 (55.70 to 56.70): VU0
Ion 69.00 (68.70 to 69.70): VU0
Ion 84.00 (83.70 to 84.70): VU0

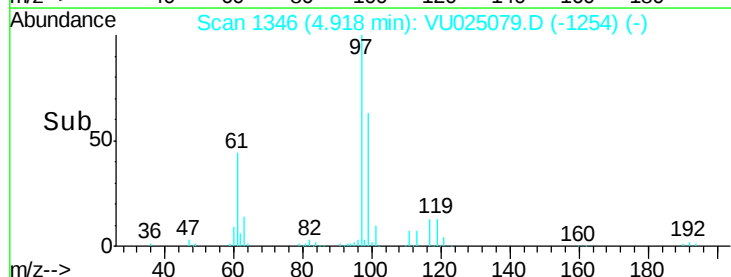
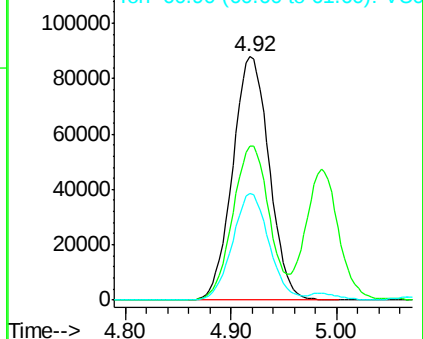


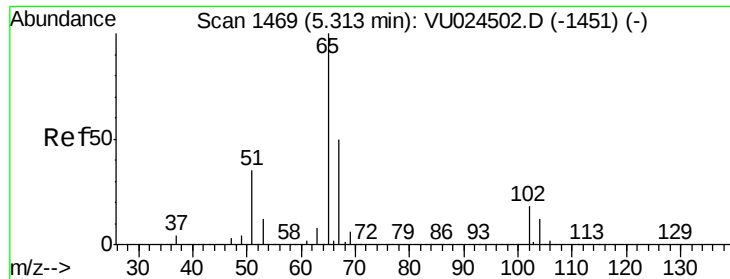
#32
1,1,1-Trichloroethane
Concen: 51.979 ug/l
RT: 4.92 min Scan# 1346
Delta R.T. -0.00 min
Lab File: VU025079.D
Acq: 30 Jun 2018 11:22

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.2	51.0	76.6
61	43.8	39.4	59.0



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

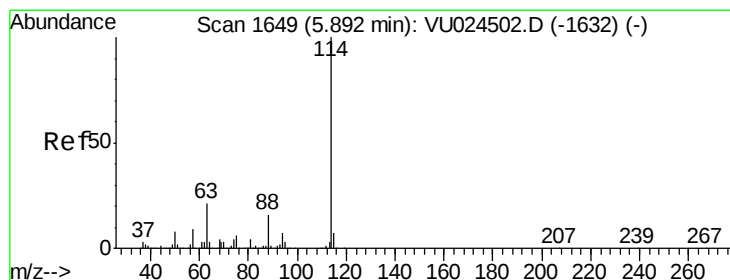
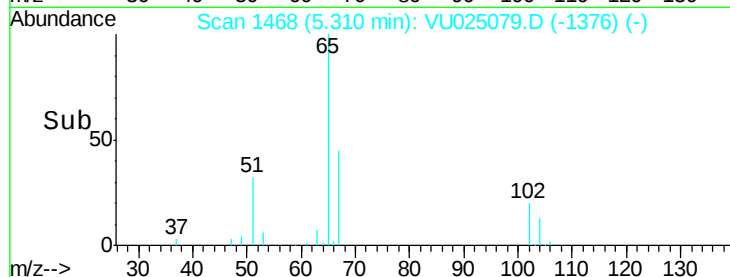
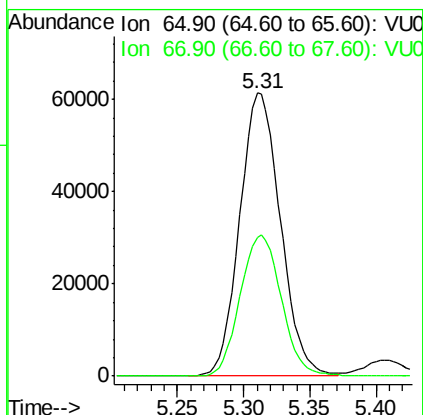
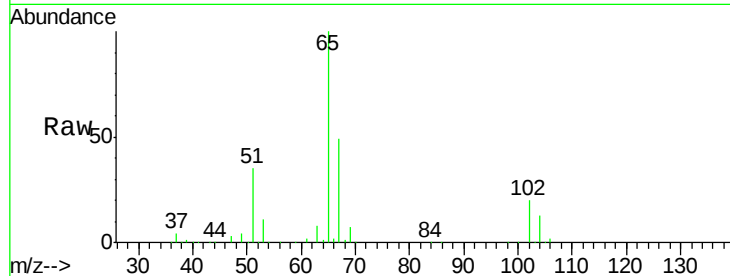




#33
 1,2-Dichloroethane-d4
 Concen: 44.584 ug/l
 RT: 5.31 min Scan# 1468
 Delta R.T. -0.00 min
 Lab File: VU025079.D
 Acq: 30 Jun 2018 11:22

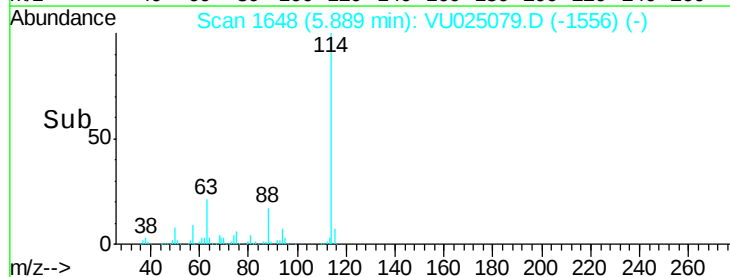
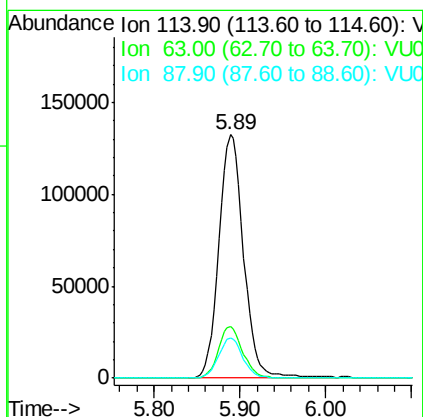
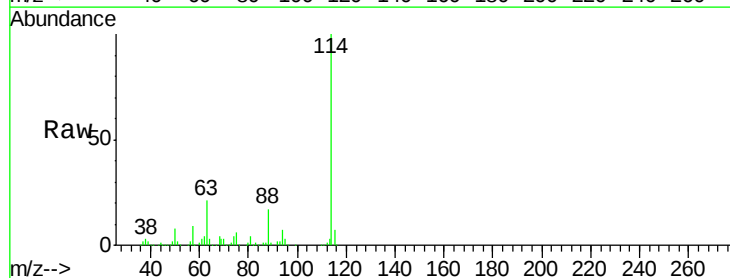
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

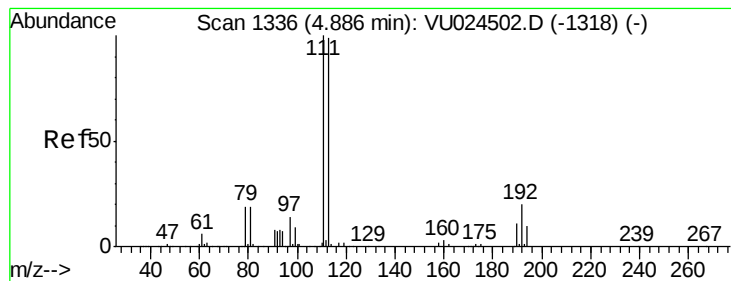
Tgt Ion: 65 Resp: 131129
 Ion Ratio Lower Upper
 65 100
 67 50.5 0.0 107.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1648
 Delta R.T. -0.00 min
 Lab File: VU025079.D
 Acq: 30 Jun 2018 11:22

Tgt Ion: 114 Resp: 266020
 Ion Ratio Lower Upper
 114 100
 63 21.3 0.0 45.4
 88 16.6 0.0 31.0





#35

Dibromofluoromethane

Concen: 49.135 ug/l

RT: 4.89 min Scan# 1336

Delta R.T. -0.00 min

Lab File: VU025079.D

Acq: 30 Jun 2018 11:22

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

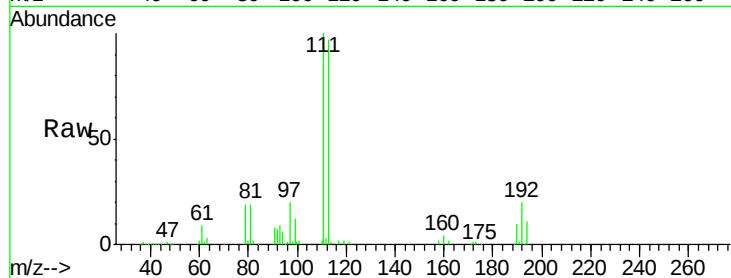
Tgt Ion:113 Resp: 108479

Ion Ratio Lower Upper

113 100

111 101.4 82.2 123.4

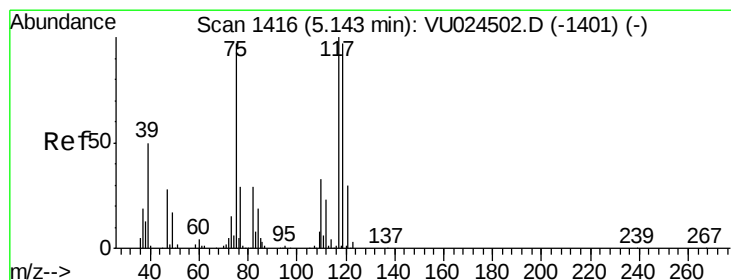
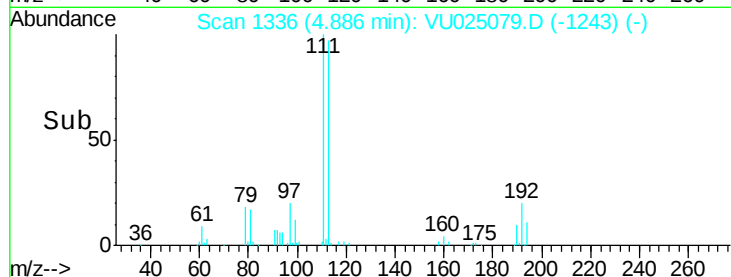
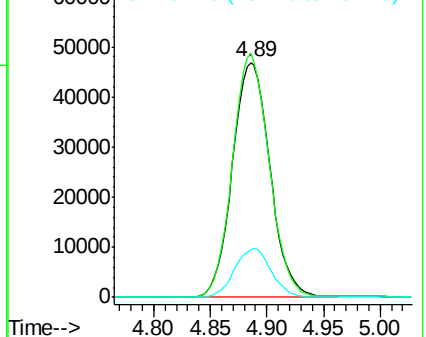
192 20.4 16.2 24.4



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 53.662 ug/l

RT: 5.14 min Scan# 1415

Delta R.T. -0.00 min

Lab File: VU025079.D

Acq: 30 Jun 2018 11:22

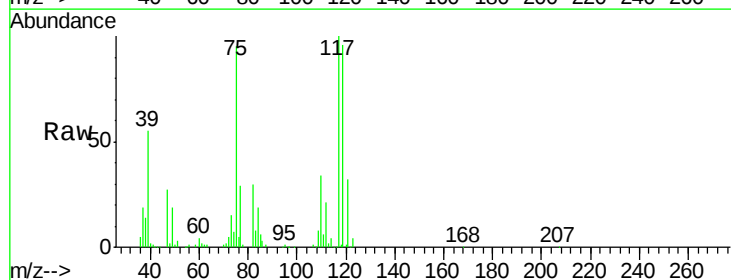
Tgt Ion: 75 Resp: 167745

Ion Ratio Lower Upper

75 100

110 35.8 17.0 50.9

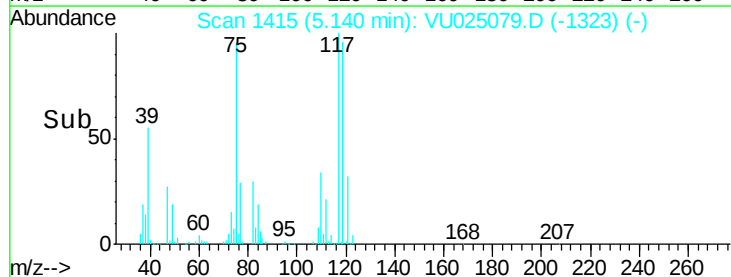
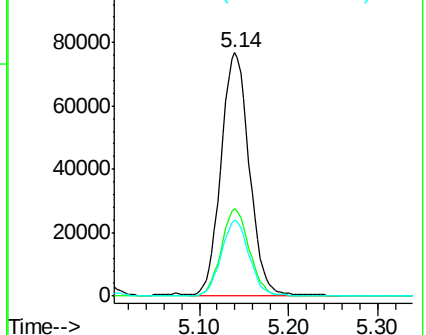
77 30.3 24.2 36.4

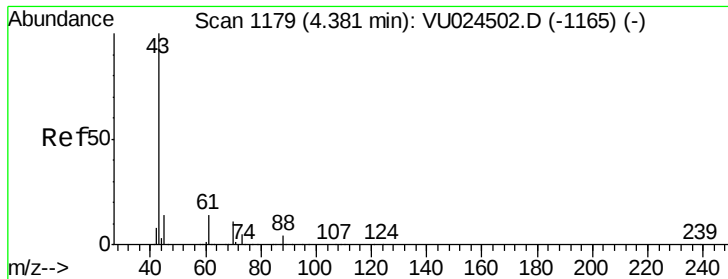


Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VU0

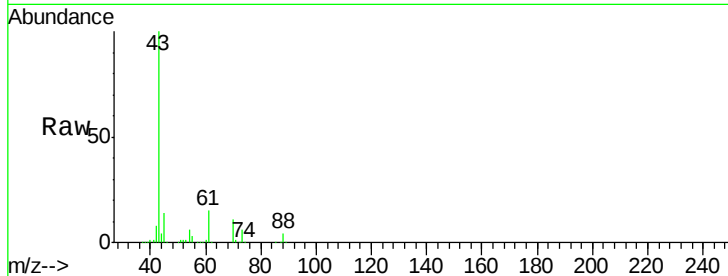




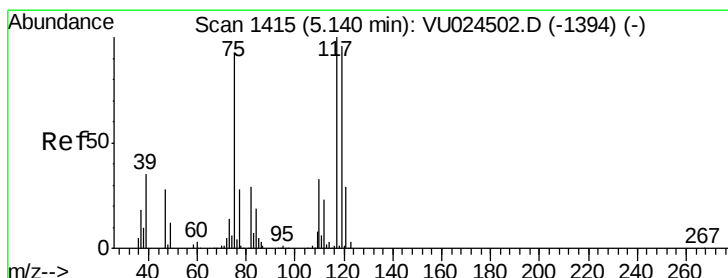
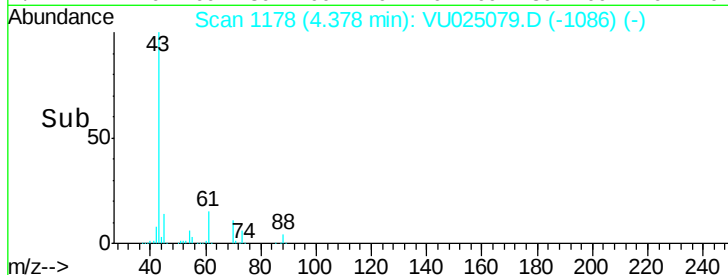
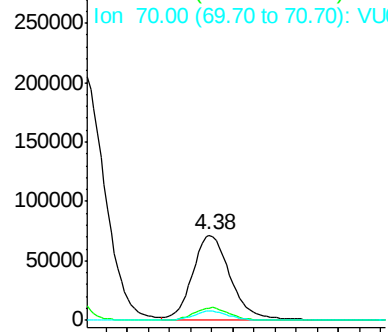
#37
 Ethyl Acetate
 Concen: 51.143 ug/l
 RT: 4.38 min Scan# 1178
 Delta R.T. -0.00 min
 Lab File: VU025079.D
 Acq: 30 Jun 2018 11:22

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 174248
 Ion Ratio Lower Upper
 43 100
 61 14.0 10.5 15.7
 70 10.6 7.4 11.2

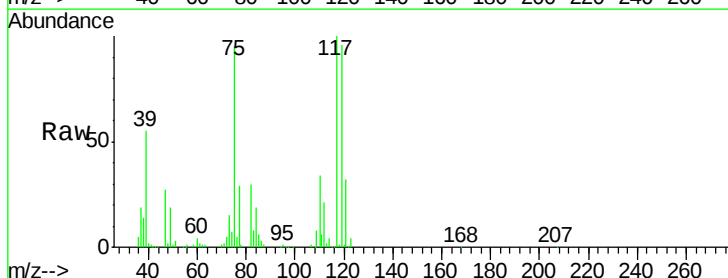


Abundance Ion 43.00 (42.70 to 43.70): VU024502.D (-1165) (-)
 Ion 60.90 (60.60 to 61.60): VU024502.D (-1165) (-)
 Ion 70.00 (69.70 to 70.70): VU024502.D (-1165) (-)

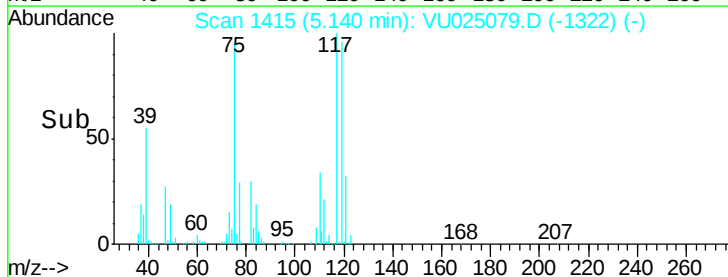
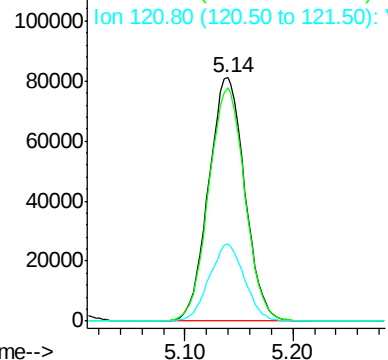


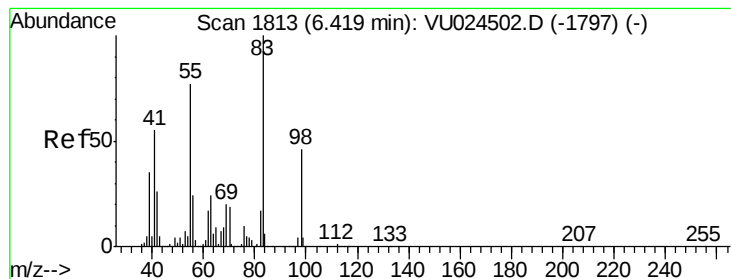
#38
 Carbon Tetrachloride
 Concen: 54.777 ug/l
 RT: 5.14 min Scan# 1415
 Delta R.T. -0.00 min
 Lab File: VU025079.D
 Acq: 30 Jun 2018 11:22

Tgt Ion: 117 Resp: 188296
 Ion Ratio Lower Upper
 117 100
 119 96.1 76.1 114.1
 121 31.8 23.7 35.5



Abundance Ion 116.80 (116.50 to 117.50): VU024502.D (-1394) (-)
 Ion 118.80 (118.50 to 119.50): VU024502.D (-1394) (-)
 Ion 120.80 (120.50 to 121.50): VU024502.D (-1394) (-)





#39

Methylcyclohexane

Concen: 54.035 ug/l

RT: 6.42 min Scan# 1813

Delta R.T. -0.00 min

Lab File: VU025079.D

Acq: 30 Jun 2018 11:22

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

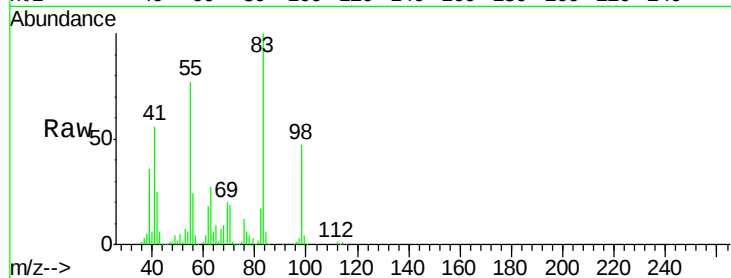
Tgt Ion: 83 Resp: 210786

Ion Ratio Lower Upper

83 100

55 76.7 65.8 98.6

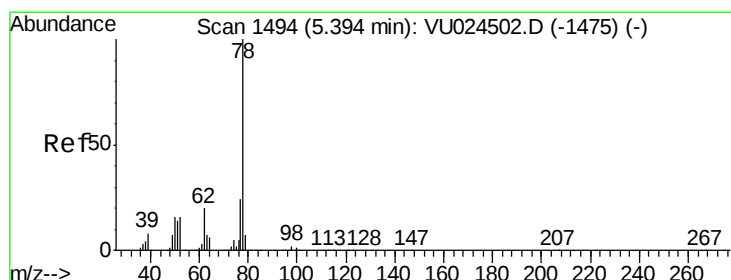
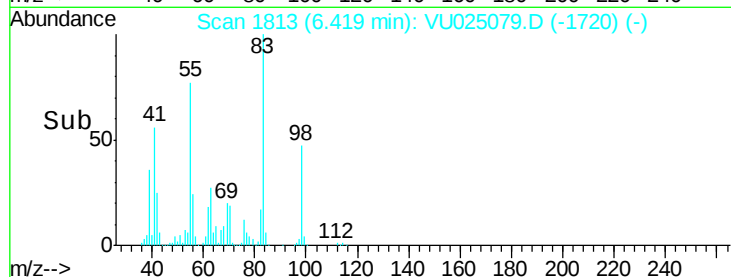
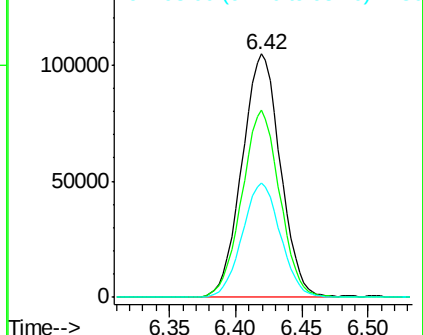
98 46.8 36.7 55.1



Abundance Ion 83.00 (82.70 to 83.70): VU025079.D (-1720) (-)

Ion 55.00 (54.70 to 55.70): VU025079.D (-1720) (-)

Ion 98.00 (97.70 to 98.70): VU025079.D (-1720) (-)



#40

Benzene

Concen: 54.011 ug/l

RT: 5.39 min Scan# 1494

Delta R.T. -0.00 min

Lab File: VU025079.D

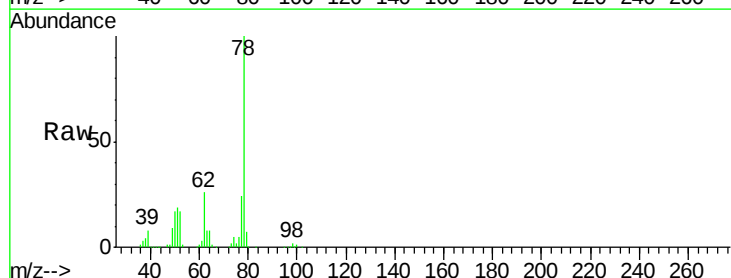
Acq: 30 Jun 2018 11:22

Tgt Ion: 78 Resp: 481092

Ion Ratio Lower Upper

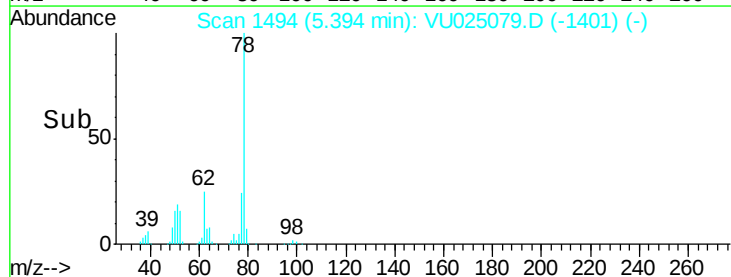
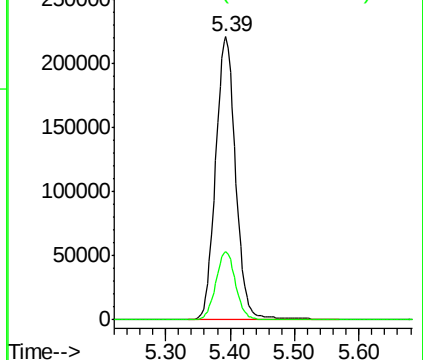
78 100

77 24.1 19.2 28.8



Abundance Ion 78.00 (77.70 to 78.70): VU025079.D (-1401) (-)

Ion 77.00 (76.70 to 77.70): VU025079.D (-1401) (-)

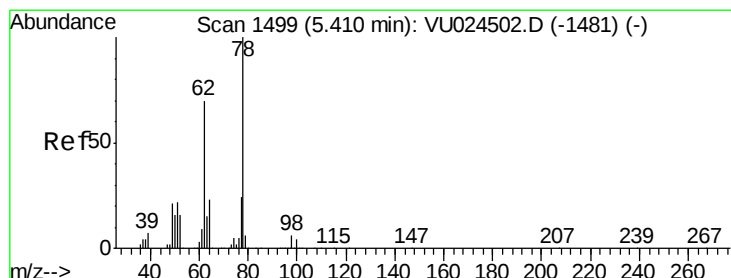
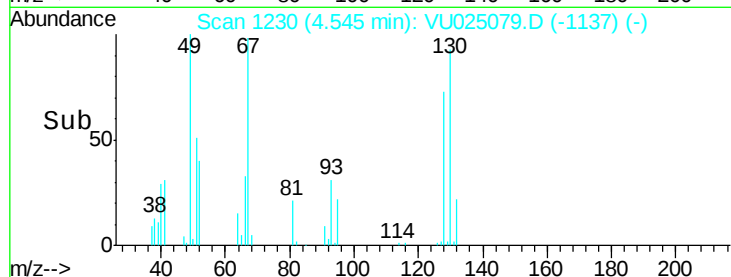
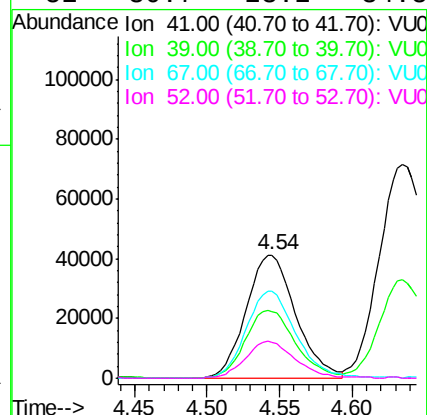
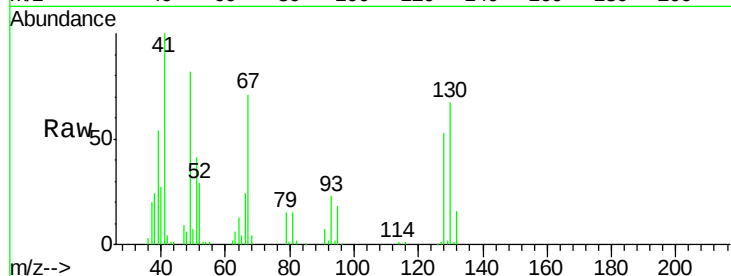




#41
Methacrylonitrile
Concen: 53.496 ug/l
RT: 4.54 min Scan# 1230
Delta R.T. -0.00 min
Lab File: VU025079.D
Acq: 30 Jun 2018 11:22

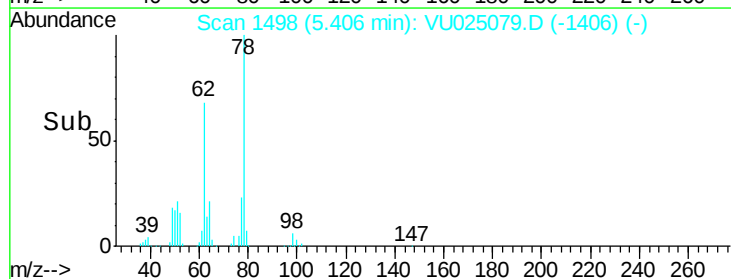
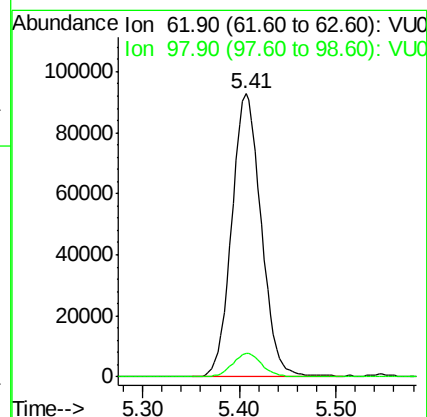
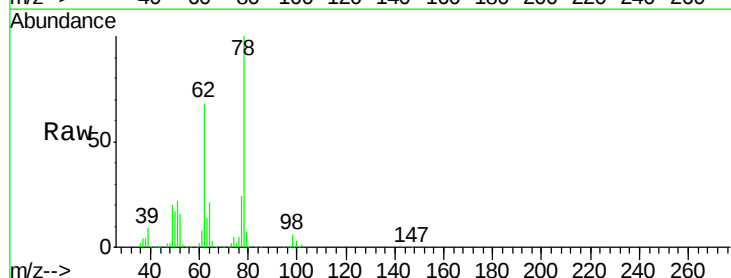
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tgt Ion:	41	Resp:	98269
Ion	Ratio	Lower	Upper
41	100		
39	55.9	43.8	65.6
67	71.1	56.3	84.5
52	30.7	23.2	34.8



#42
1,2-Dichloroethane
Concen: 57.832 ug/l
RT: 5.41 min Scan# 1498
Delta R.T. -0.00 min
Lab File: VU025079.D
Acq: 30 Jun 2018 11:22

Tgt Ion:	62	Resp:	196190
Ion	Ratio	Lower	Upper
62	100		
98	8.2	0.0	16.6





#43

Isopropyl Acetate

Concen: 48.881 ug/l

RT: 5.55 min Scan# 1542

Delta R.T. -0.00 min

Lab File: VU025079.D

Acq: 30 Jun 2018 11:22

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

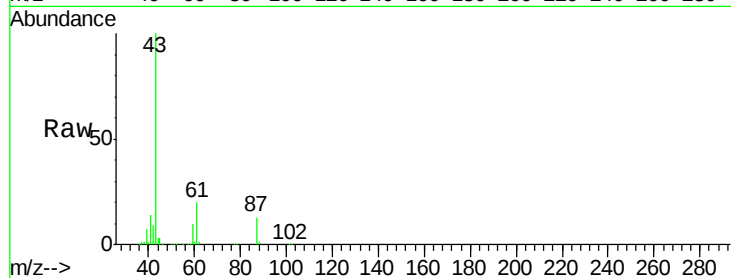
Tgt Ion: 43 Resp: 287871

Ion Ratio Lower Upper

43 100

61 19.6 15.4 23.0

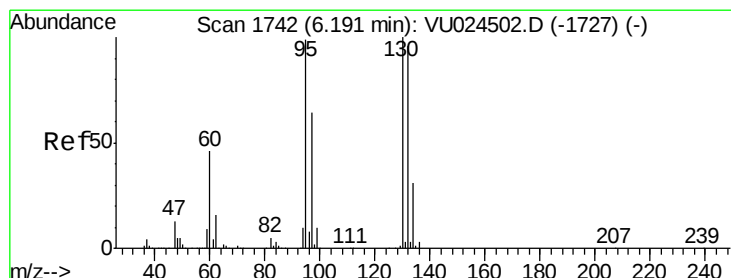
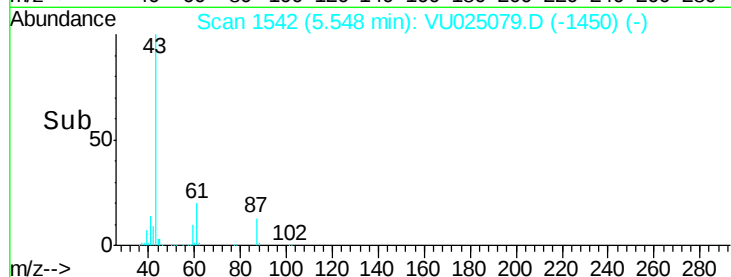
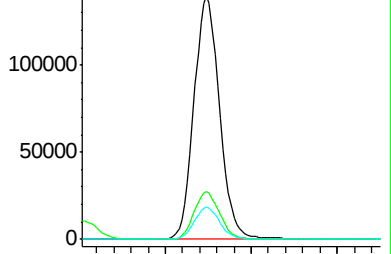
87 13.1 10.0 15.0



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

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

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



#44

Trichloroethene

Concen: 53.727 ug/l

RT: 6.19 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VU025079.D

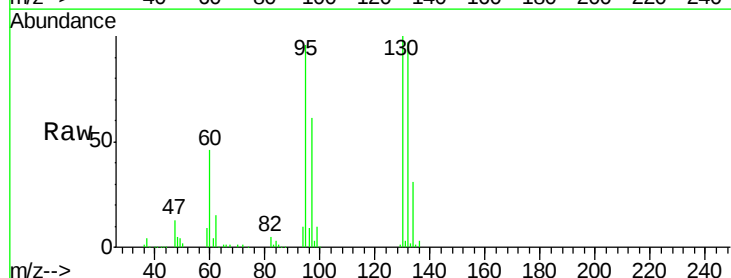
Acq: 30 Jun 2018 11:22

Tgt Ion: 130 Resp: 136197

Ion Ratio Lower Upper

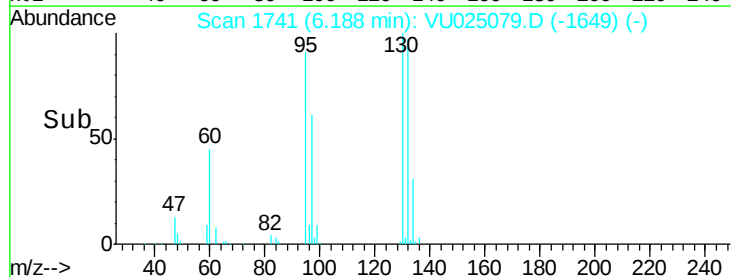
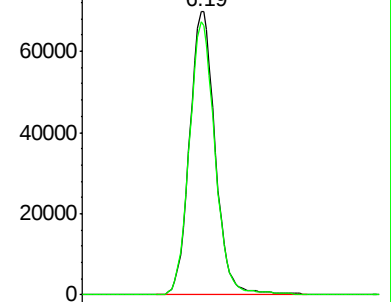
130 100

95 96.3 0.0 202.4



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

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





#45

1,2-Dichloropropane

Concen: 53.676 ug/l

RT: 6.44 min Scan# 1819

Delta R.T. -0.00 min

Lab File: VU025079.D

Acq: 30 Jun 2018 11:22

Instrument :

MSVOA_U

ClientSampleId :

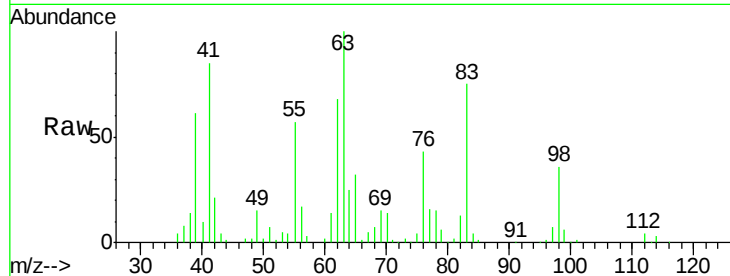
VSTDCCC050

Tgt Ion: 63 Resp: 127570

Ion Ratio Lower Upper

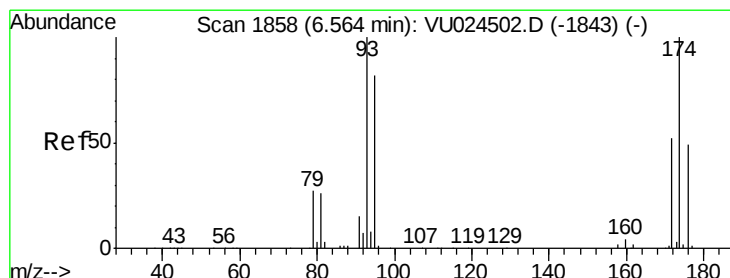
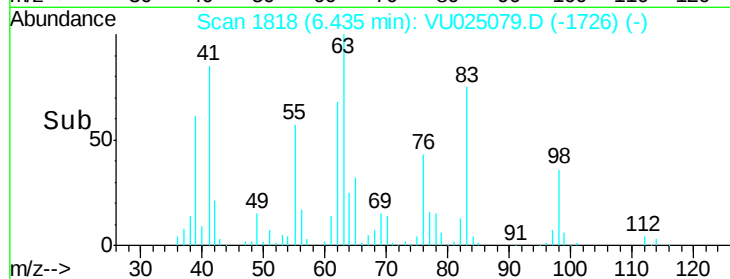
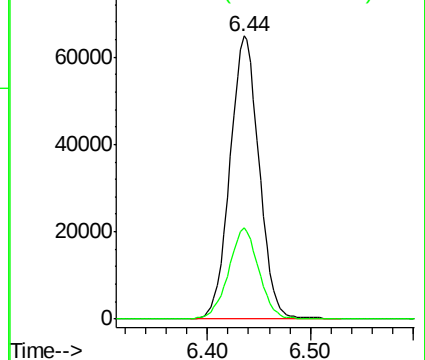
63 100

65 32.1 24.8 37.2



Abundance Ion 62.90 (62.60 to 63.60): VU0

Ion 64.90 (64.60 to 65.60): VU0



#46

Dibromomethane

Concen: 54.589 ug/l

RT: 6.56 min Scan# 1858

Delta R.T. -0.00 min

Lab File: VU025079.D

Acq: 30 Jun 2018 11:22

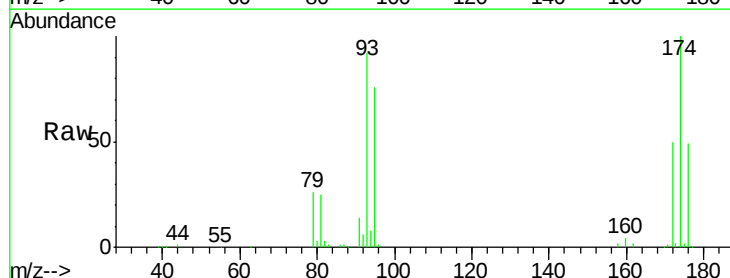
Tgt Ion: 93 Resp: 91130

Ion Ratio Lower Upper

93 100

95 82.5 65.5 98.3

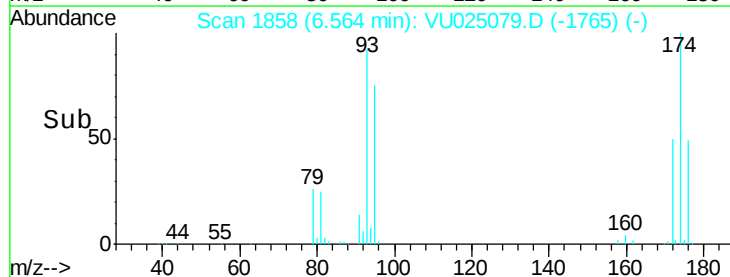
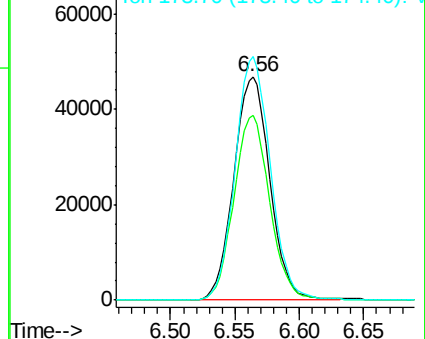
174 107.0 78.7 118.1



Abundance Ion 92.80 (92.50 to 93.50): VU0

Ion 94.80 (94.50 to 95.50): VU0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 54.045 ug/l

RT: 6.76 min Scan# 1919

Delta R.T. -0.00 min

Lab File: VU025079.D

Acq: 30 Jun 2018 11:22

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

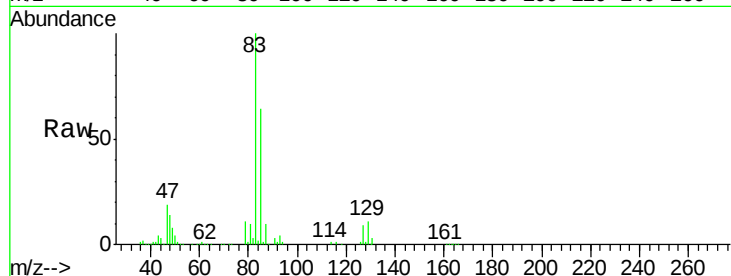
Tgt Ion: 83 Resp: 179660

Ion Ratio Lower Upper

83 100

85 64.0 51.9 77.9

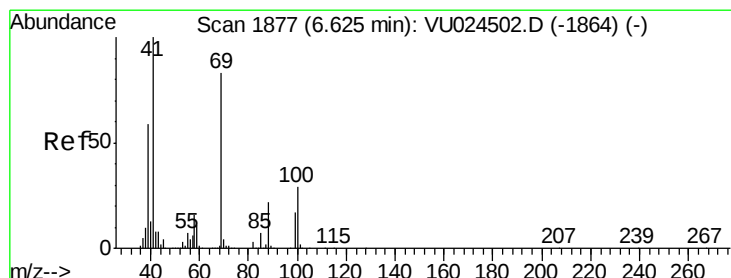
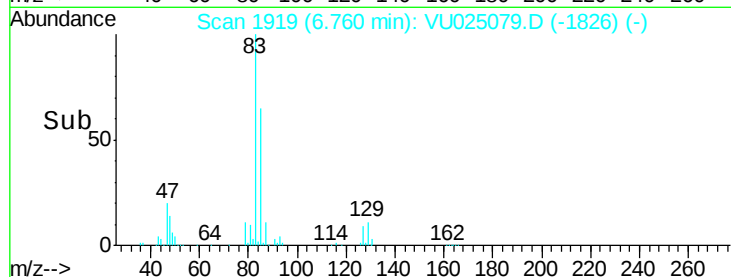
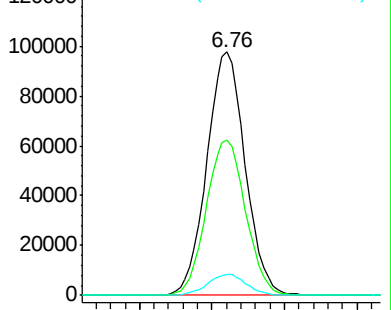
127 8.6 6.6 9.8



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: 52.568 ug/l

RT: 6.62 min Scan# 1876

Delta R.T. -0.00 min

Lab File: VU025079.D

Acq: 30 Jun 2018 11:22

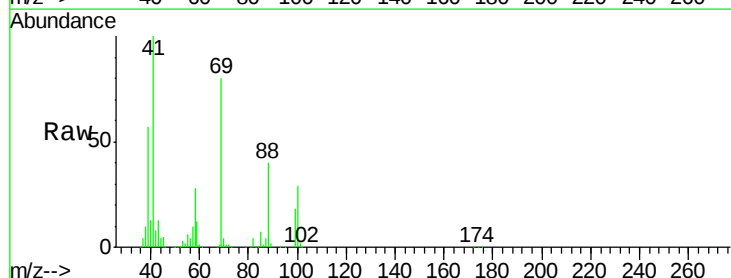
Tgt Ion: 41 Resp: 150749

Ion Ratio Lower Upper

41 100

69 82.7 67.3 100.9

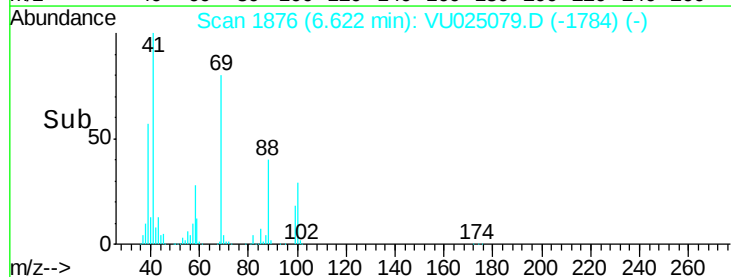
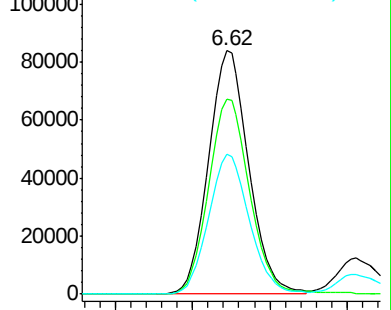
39 58.2 46.5 69.7



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

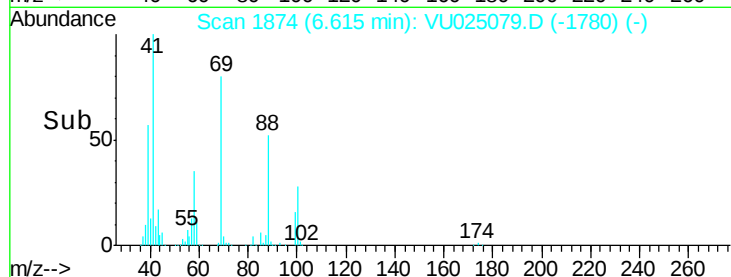
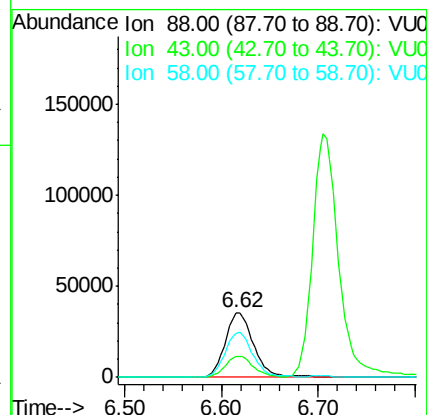
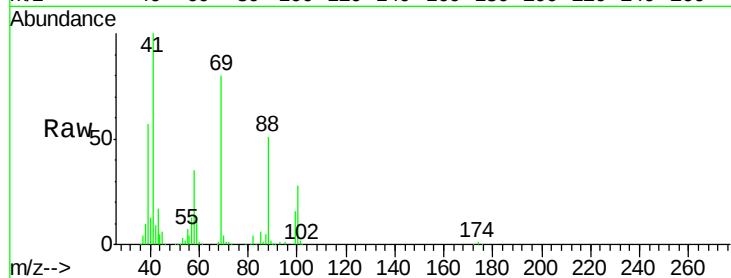




#49
 1,4-Dioxane
 Concen: 1269.096 ug/l
 RT: 6.62 min Scan# 1874
 Delta R.T. 0.00 min
 Lab File: VU025079.D
 Acq: 30 Jun 2018 11:22

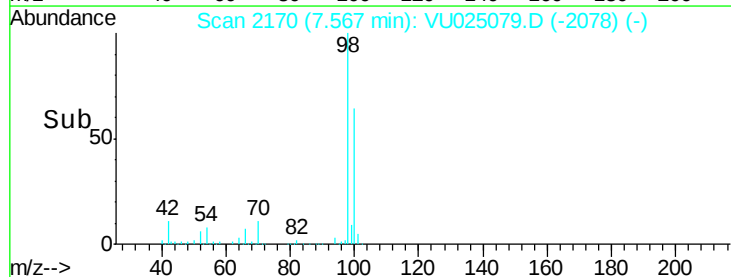
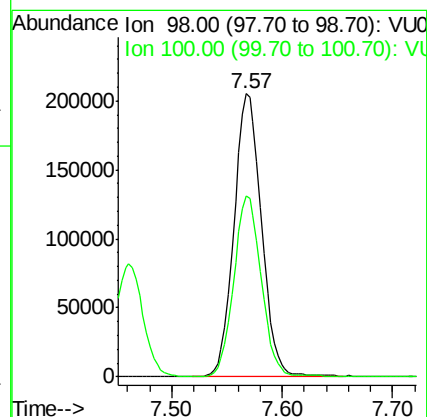
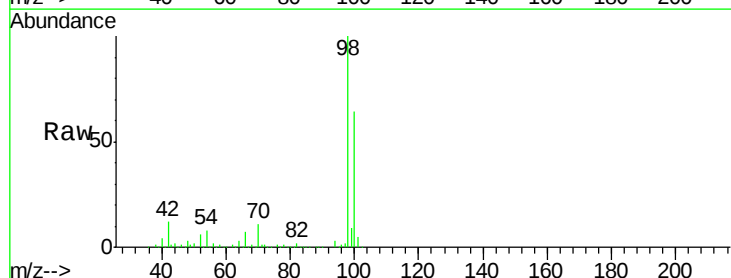
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

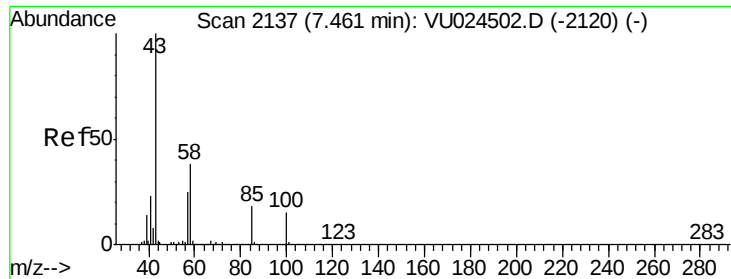
Tgt Ion: 88 Resp: 71173
 Ion Ratio Lower Upper
 88 100
 43 33.0 28.6 42.8
 58 69.6 58.2 87.4



#50
 Toluene-d8
 Concen: 44.246 ug/l
 RT: 7.57 min Scan# 2170
 Delta R.T. -0.00 min
 Lab File: VU025079.D
 Acq: 30 Jun 2018 11:22

Tgt Ion: 98 Resp: 356312
 Ion Ratio Lower Upper
 98 100
 100 63.3 51.1 76.7

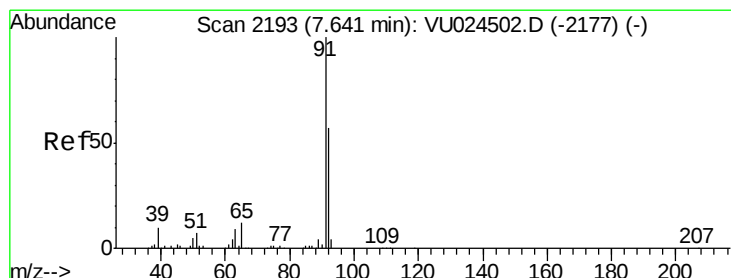
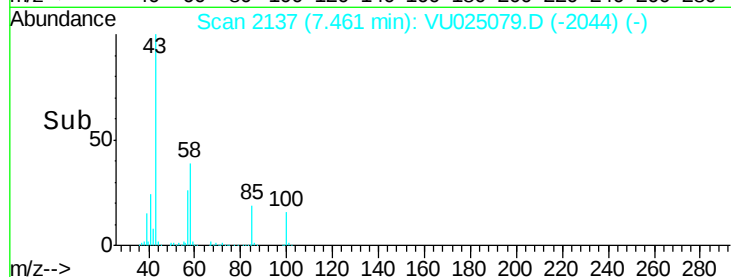
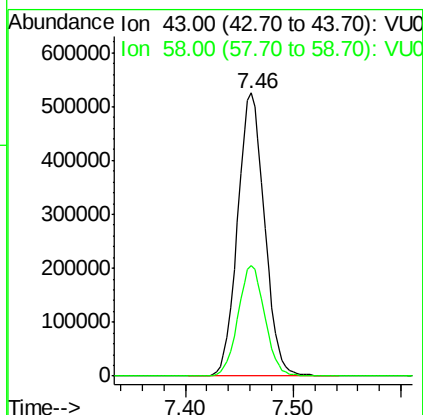
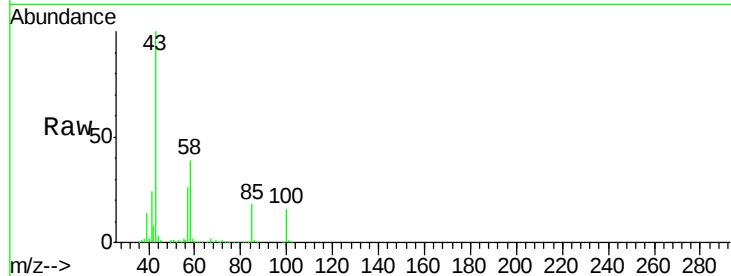




#51
 4-Methyl-2-Pentanone
 Concen: 247.379 ug/l
 RT: 7.46 min Scan# 2137
 Delta R.T. -0.00 min
 Lab File: VU025079.D
 Acq: 30 Jun 2018 11:22

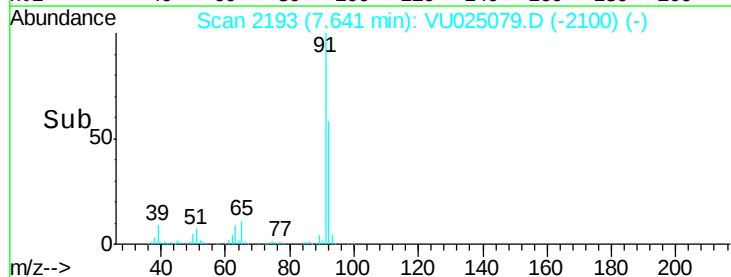
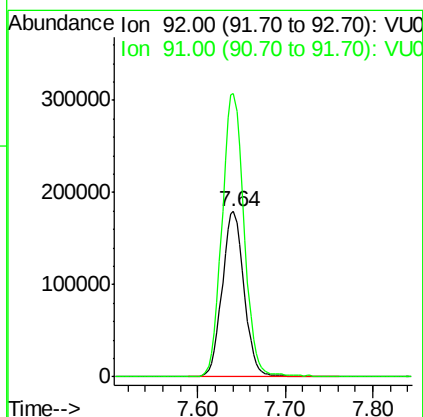
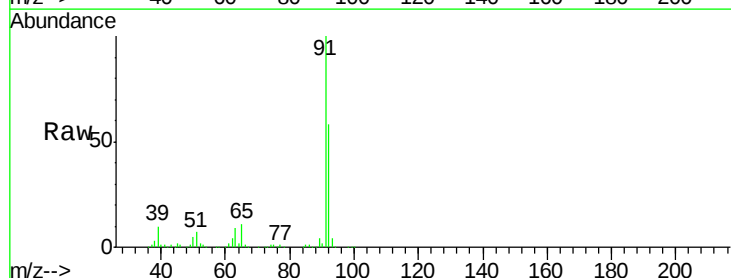
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 915285
 Ion Ratio Lower Upper
 43 100
 58 38.7 30.0 45.0



#52
 Toluene
 Concen: 54.807 ug/l
 RT: 7.64 min Scan# 2193
 Delta R.T. -0.00 min
 Lab File: VU025079.D
 Acq: 30 Jun 2018 11:22

Tgt Ion: 92 Resp: 314075
 Ion Ratio Lower Upper
 92 100
 91 172.3 140.5 210.7

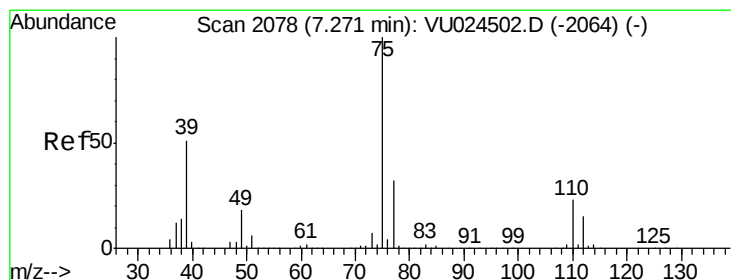
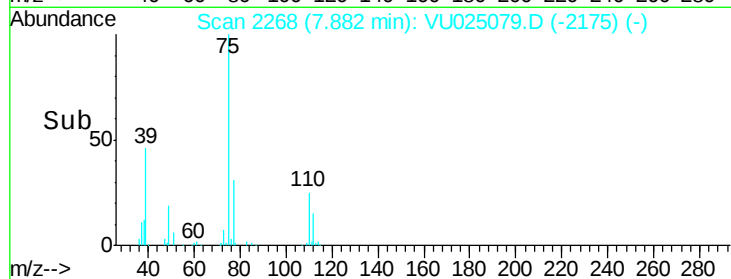
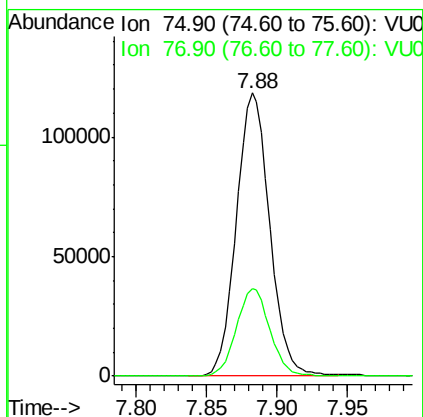
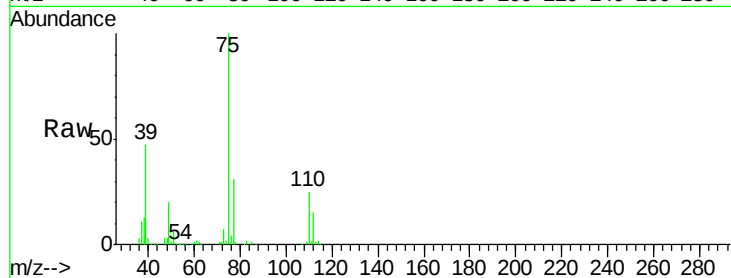




#53
t-1,3-Dichloropropene
Concen: 52.636 ug/l
RT: 7.88 min Scan# 2268
Delta R.T. -0.00 min
Lab File: VU025079.D
Acq: 30 Jun 2018 11:22

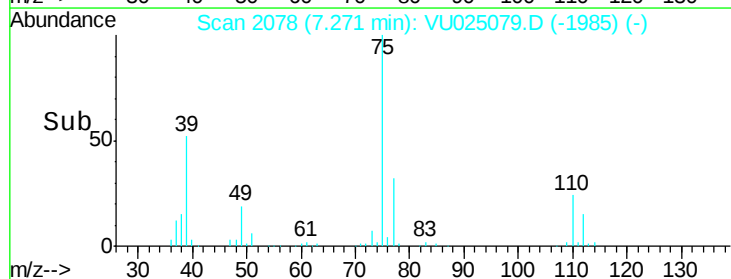
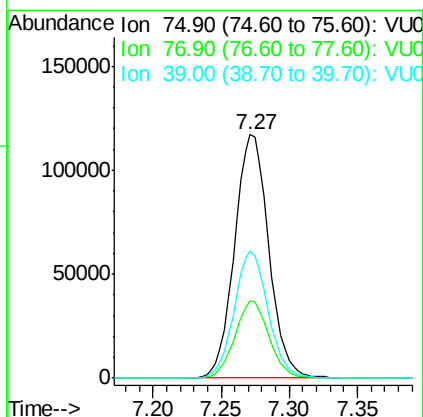
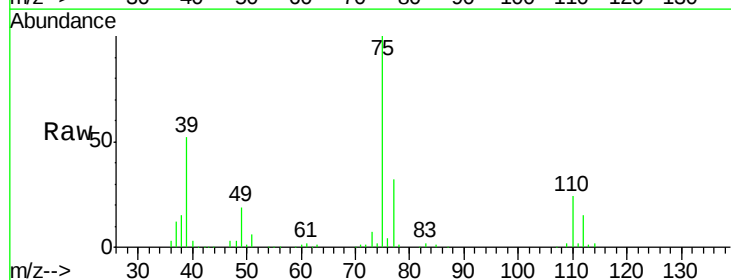
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 196497
Ion Ratio Lower Upper
75 100
77 30.9 24.8 37.2



#54
cis-1,3-Dichloropropene
Concen: 51.257 ug/l
RT: 7.27 min Scan# 2078
Delta R.T. -0.00 min
Lab File: VU025079.D
Acq: 30 Jun 2018 11:22

Tgt Ion: 75 Resp: 203894
Ion Ratio Lower Upper
75 100
77 31.7 24.6 36.8
39 51.9 39.8 59.6

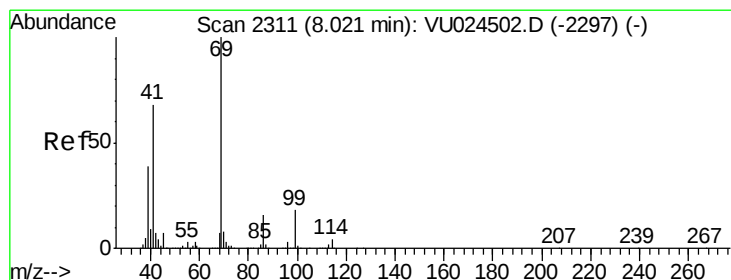
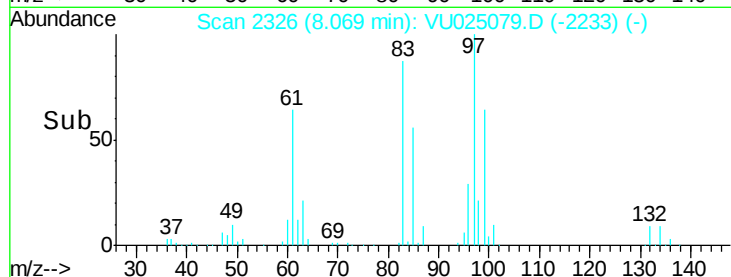
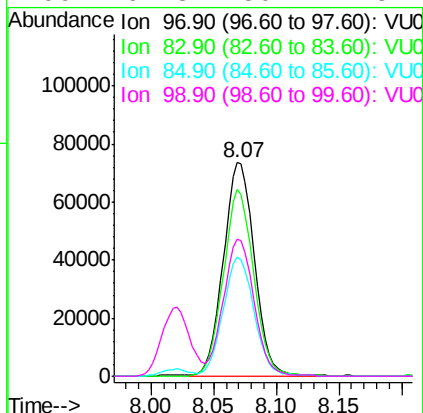
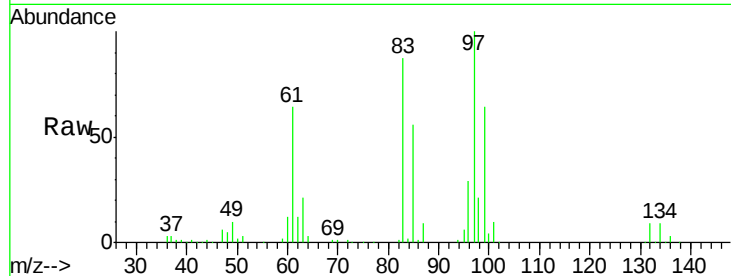




#55
 1,1,2-Trichloroethane
 Concen: 53.918 ug/l
 RT: 8.07 min Scan# 2326
 Delta R.T. -0.00 min
 Lab File: VU025079.D
 Acq: 30 Jun 2018 11:22

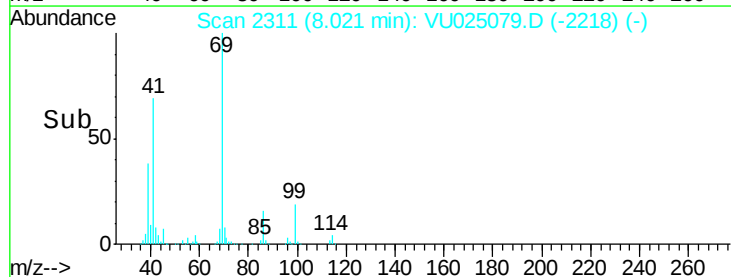
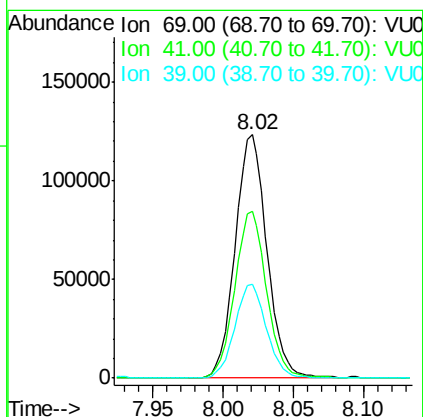
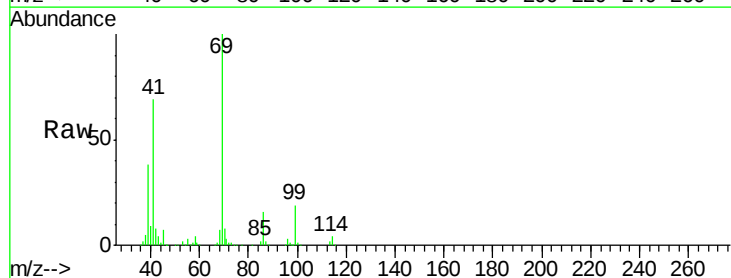
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

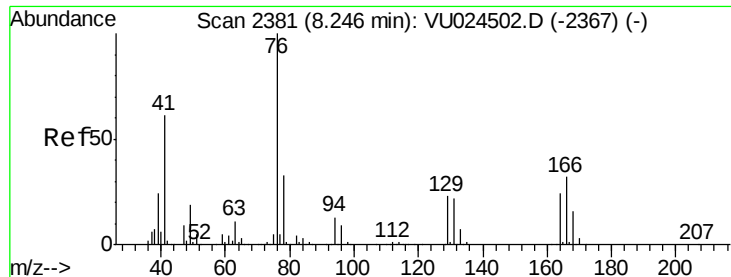
Tgt Ion:	97	Resp:	125597
Ion	Ratio	Lower	Upper
97	100		
83	87.2	70.5	105.7
85	55.9	46.4	69.6
99	64.3	50.2	75.2



#56
 Ethyl methacrylate
 Concen: 50.079 ug/l
 RT: 8.02 min Scan# 2311
 Delta R.T. -0.00 min
 Lab File: VU025079.D
 Acq: 30 Jun 2018 11:22

Tgt Ion:	69	Resp:	195248
Ion	Ratio	Lower	Upper
69	100		
41	68.8	54.1	81.1
39	38.0	30.3	45.5





#57

1,3-Dichloropropane

Concen: 54.798 ug/l

RT: 8.25 min Scan# 2381

Delta R.T. -0.00 min

Lab File: VU025079.D

Acq: 30 Jun 2018 11:22

Instrument :

MSVOA_U

ClientSampleId :

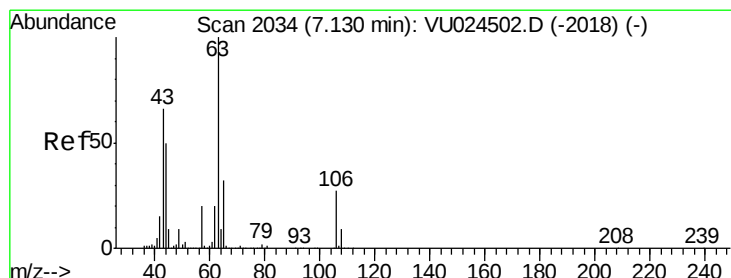
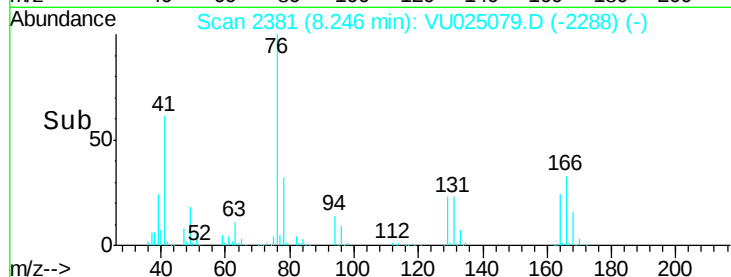
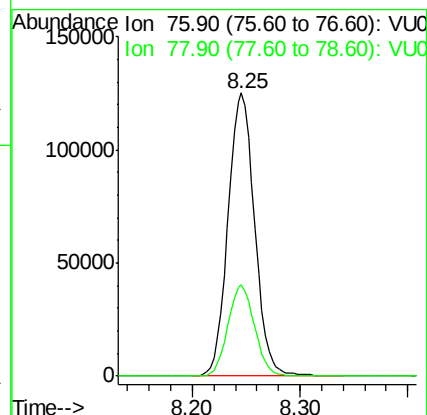
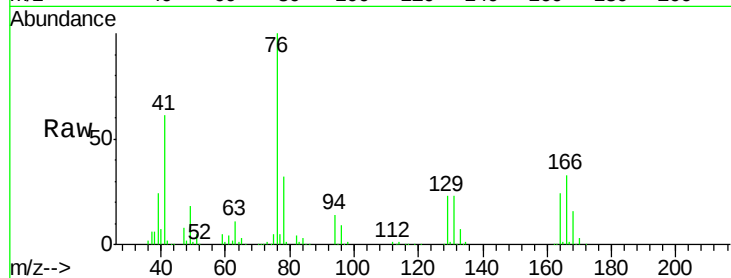
VSTDCCC050

Tgt Ion: 76 Resp: 215332

Ion Ratio Lower Upper

76 100

78 32.2 25.2 37.8



#58

2-Chloroethyl Vinyl ether

Concen: 226.238 ug/l

RT: 7.13 min Scan# 2034

Delta R.T. -0.00 min

Lab File: VU025079.D

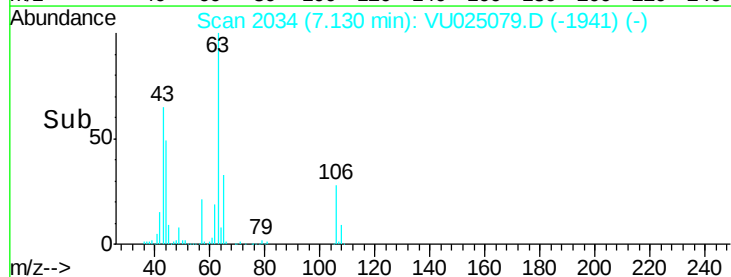
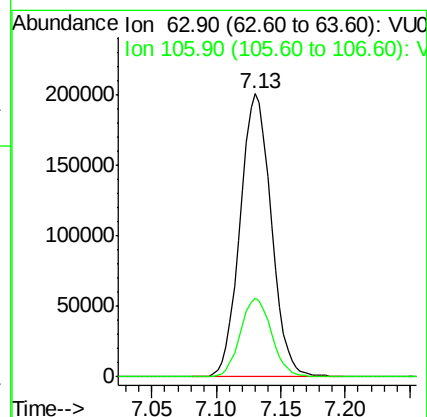
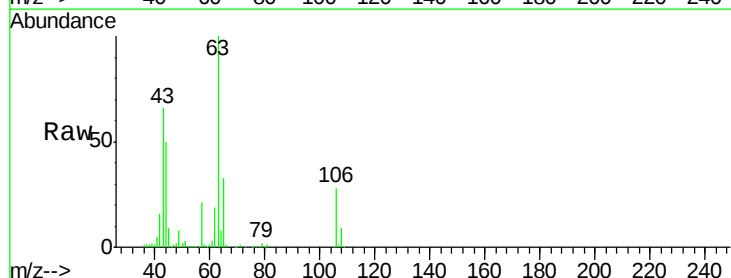
Acq: 30 Jun 2018 11:22

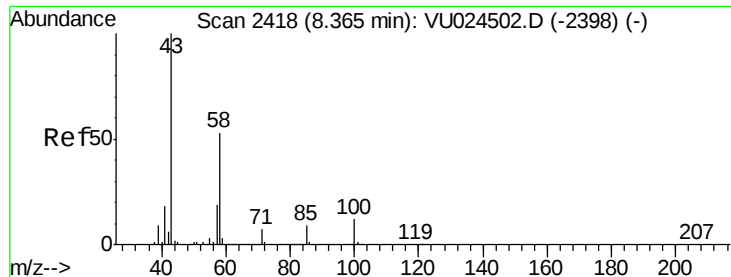
Tgt Ion: 63 Resp: 337925

Ion Ratio Lower Upper

63 100

106 27.8 20.2 30.2

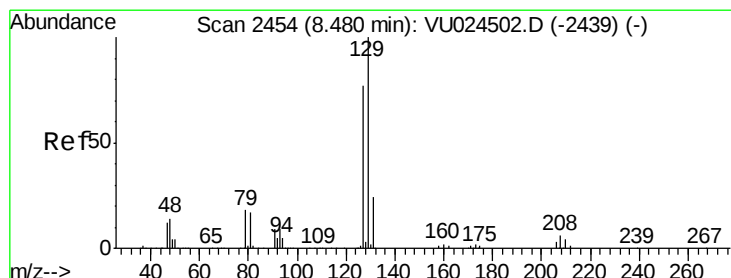
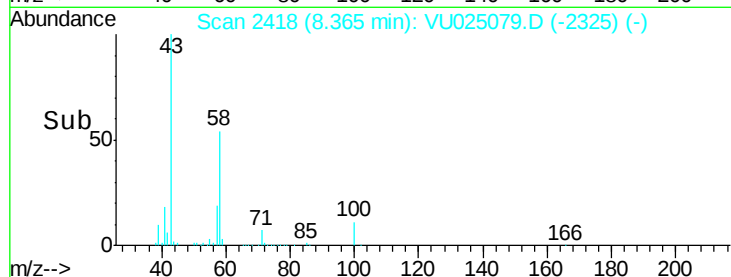
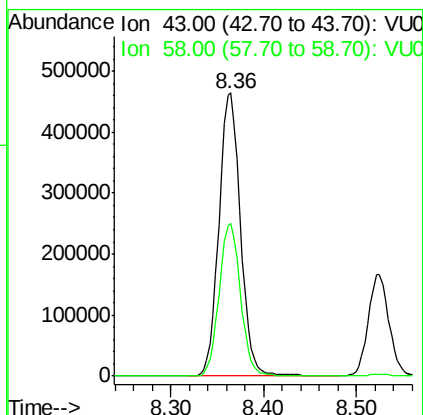
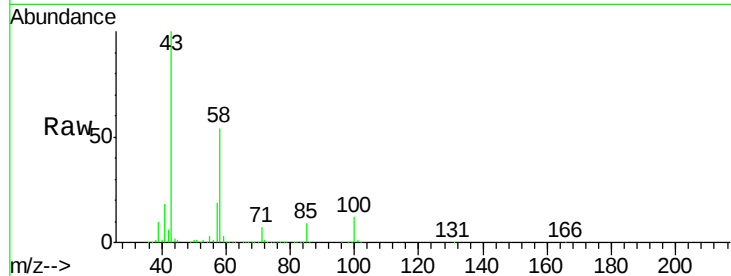




#59
2-Hexanone
Concen: 248.348 ug/l
RT: 8.36 min Scan# 2418
Delta R.T. -0.00 min
Lab File: VU025079.D
Acq: 30 Jun 2018 11:22

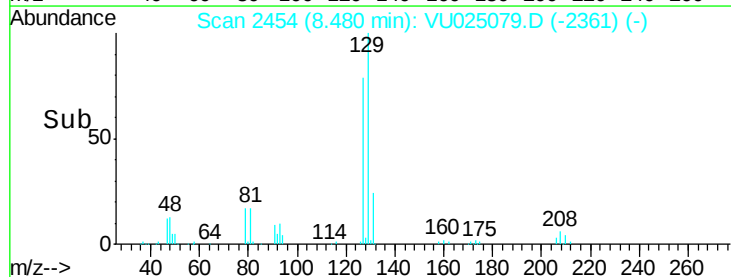
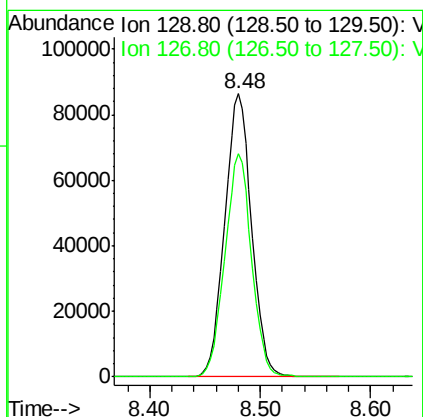
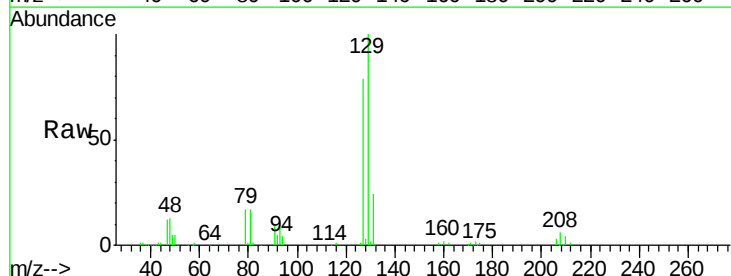
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

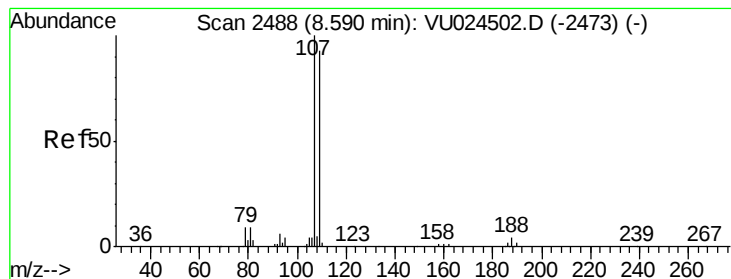
Tgt Ion: 43 Resp: 750169
Ion Ratio Lower Upper
43 100
58 53.4 26.4 79.0



#60
Dibromochloromethane
Concen: 50.099 ug/l
RT: 8.48 min Scan# 2454
Delta R.T. -0.00 min
Lab File: VU025079.D
Acq: 30 Jun 2018 11:22

Tgt Ion: 129 Resp: 145526
Ion Ratio Lower Upper
129 100
127 78.2 38.6 116.0





#61

1,2-Dibromoethane

Concen: 53.537 ug/l

RT: 8.59 min Scan# 2488

Delta R.T. -0.00 min

Lab File: VU025079.D

Acq: 30 Jun 2018 11:22

Instrument :

MSVOA_U

ClientSampleId :

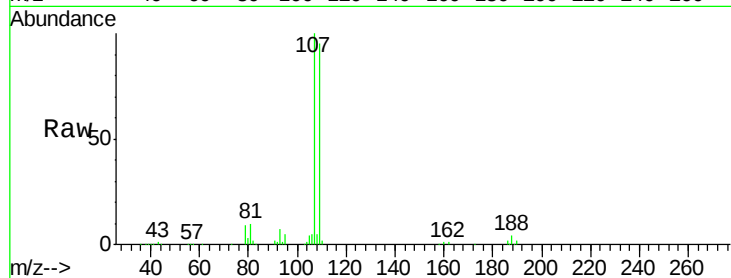
VSTDCCC050

Tgt Ion: 107 Resp: 138807

Ion Ratio Lower Upper

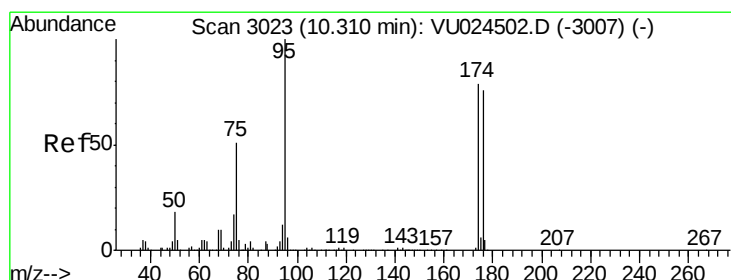
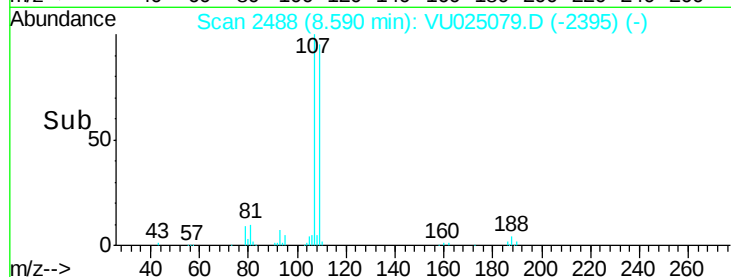
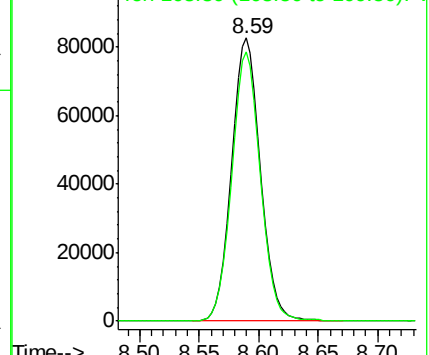
107 100

109 94.4 74.5 111.7



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 47.785 ug/l

RT: 10.31 min Scan# 3023

Delta R.T. -0.00 min

Lab File: VU025079.D

Acq: 30 Jun 2018 11:22

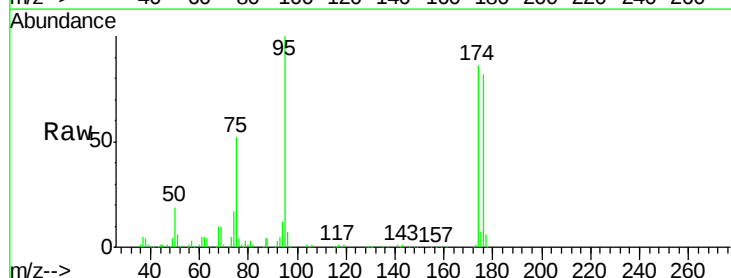
Tgt Ion: 95 Resp: 152787

Ion Ratio Lower Upper

95 100

174 85.6 0.0 165.8

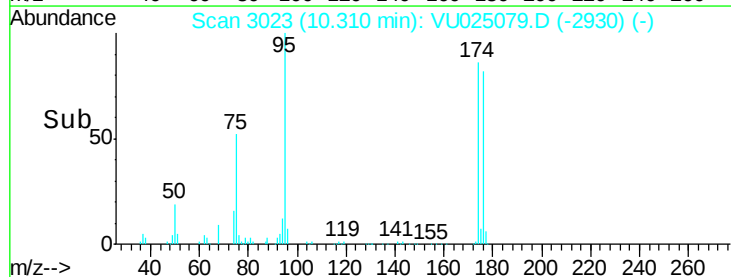
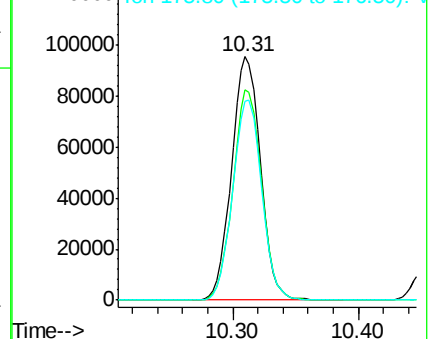
176 82.3 0.0 159.4



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

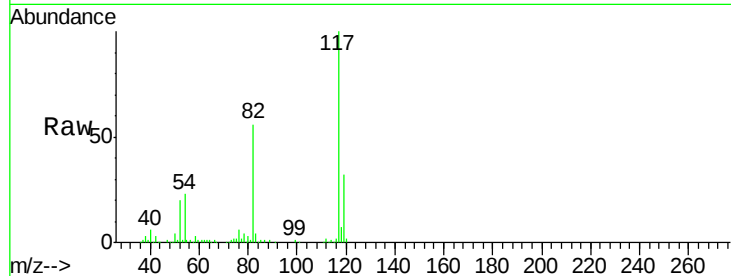




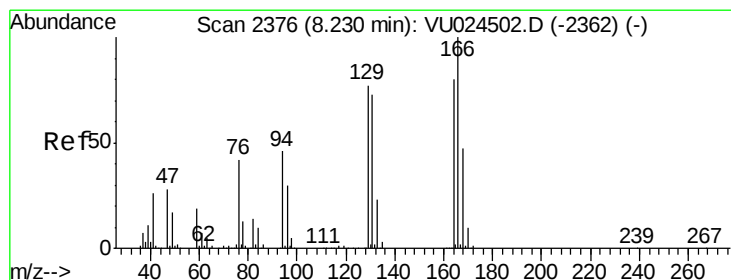
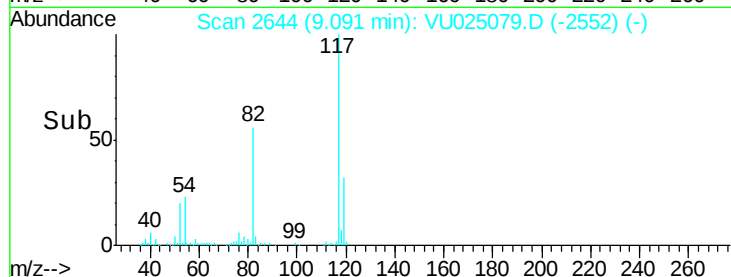
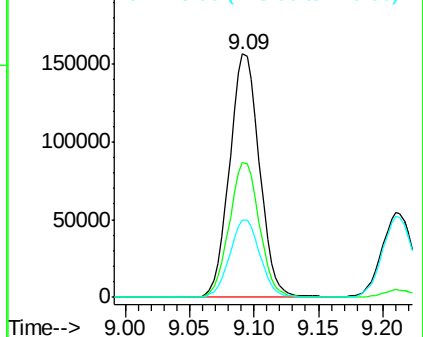
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2644
Delta R.T. -0.00 min
Lab File: VU025079.D
Acq: 30 Jun 2018 11:22

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tgt Ion:117 Resp: 252314
Ion Ratio Lower Upper
117 100
82 55.6 44.3 66.5
119 31.7 25.4 38.2



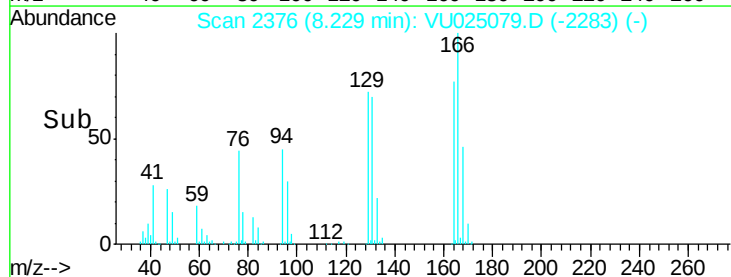
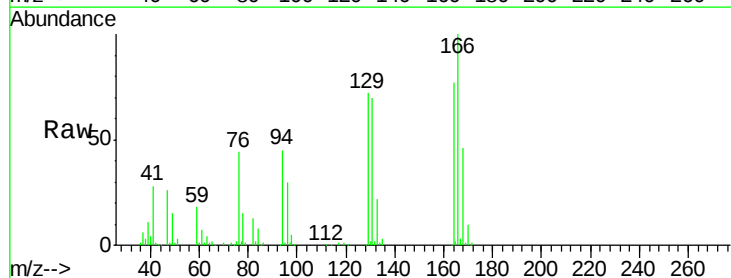
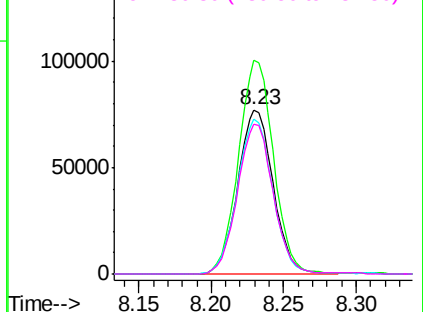
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#64
Tetrachloroethene
Concen: 54.402 ug/l
RT: 8.23 min Scan# 2376
Delta R.T. -0.00 min
Lab File: VU025079.D
Acq: 30 Jun 2018 11:22

Tgt Ion:164 Resp: 130474
Ion Ratio Lower Upper
164 100
166 130.0 101.7 152.5
129 94.1 76.9 115.3
131 91.5 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: 55.029 ug/l

RT: 9.12 min Scan# 2653

Delta R.T. -0.00 min

Lab File: VU025079.D

Acq: 30 Jun 2018 11:22

Instrument :

MSVOA_U

ClientSampleId :

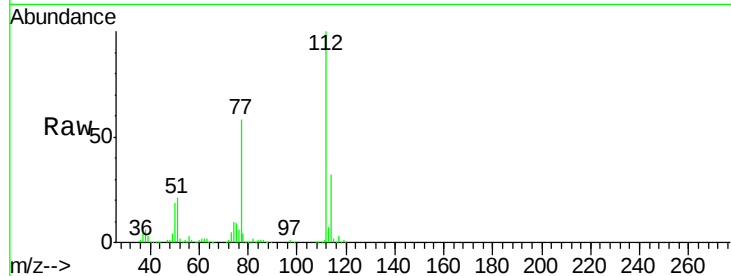
VSTDCCC050

Tgt Ion:112 Resp: 354701

Ion Ratio Lower Upper

112 100

114 31.8 25.6 38.4



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

250000

200000

150000

100000

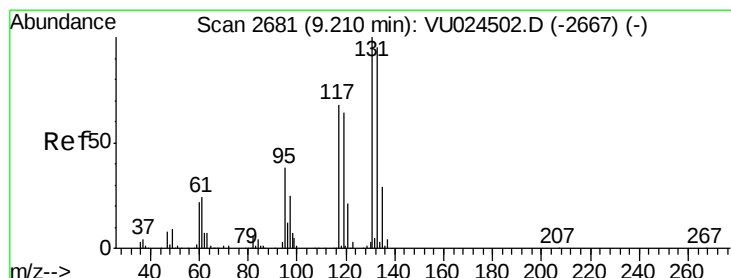
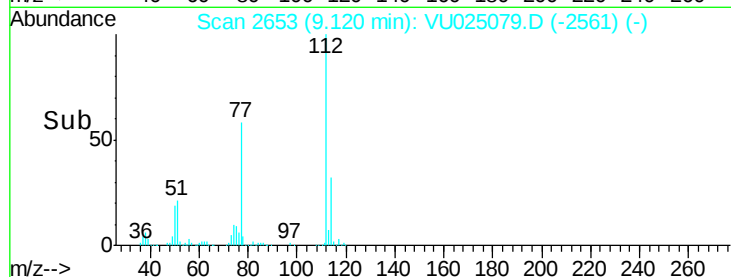
50000

0

9.12

9.10 9.20 9.30

Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 54.479 ug/l

RT: 9.21 min Scan# 2681

Delta R.T. -0.00 min

Lab File: VU025079.D

Acq: 30 Jun 2018 11:22

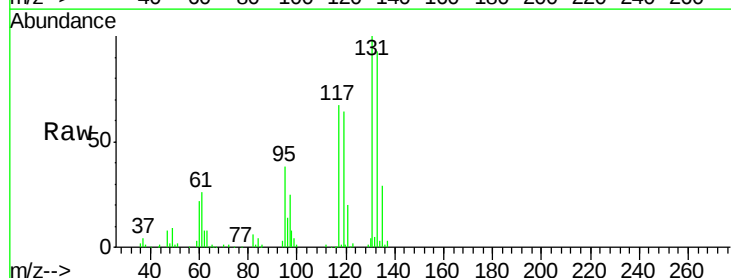
Tgt Ion:131 Resp: 133411

Ion Ratio Lower Upper

131 100

133 95.3 46.9 140.8

119 64.2 33.5 100.4



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

100000

80000

60000

40000

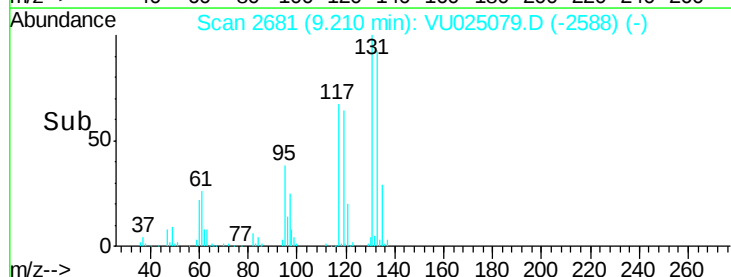
20000

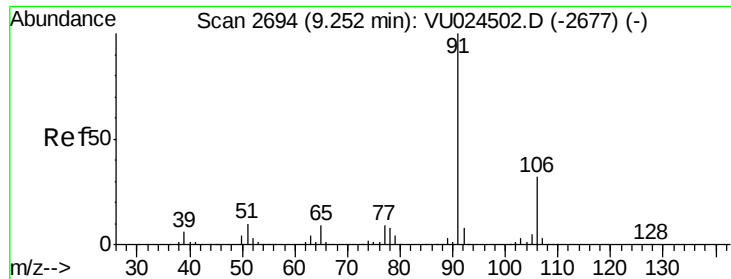
0

9.21

9.15 9.25 9.30

Time-->

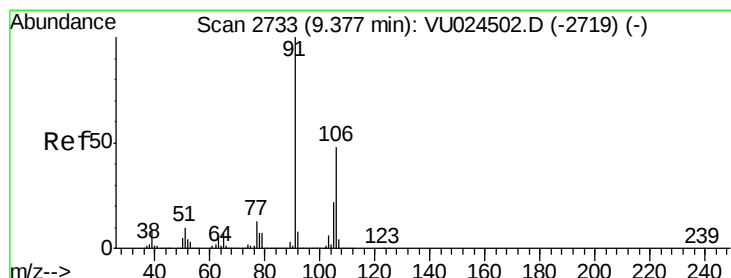
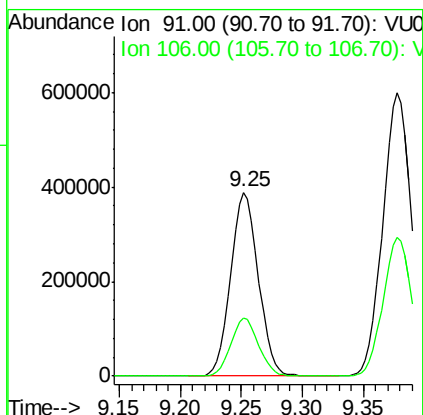
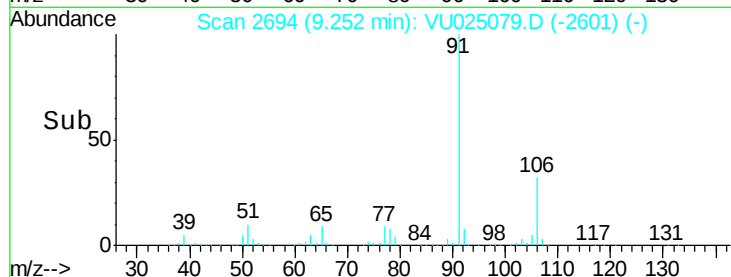
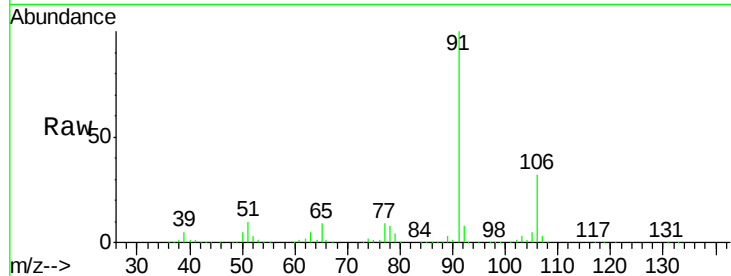




#67
Ethyl Benzene
Concen: 54.438 ug/l
RT: 9.25 min Scan# 2694
Delta R.T. -0.00 min
Lab File: VU025079.D
Acq: 30 Jun 2018 11:22

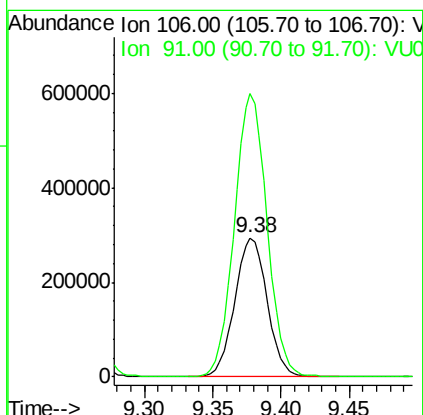
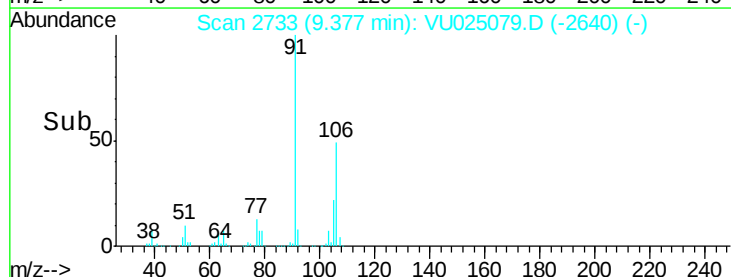
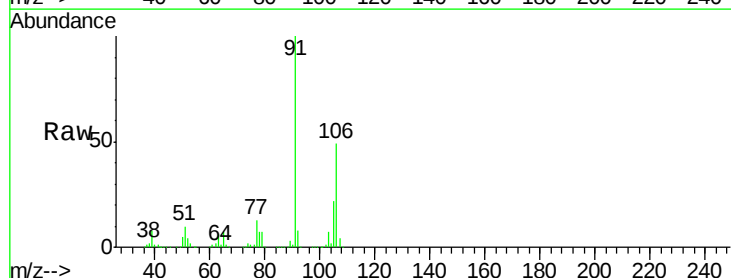
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 615140
Ion Ratio Lower Upper
91 100
106 31.5 24.2 36.4



#68
m/p-Xylenes
Concen: 111.391 ug/l
RT: 9.38 min Scan# 2733
Delta R.T. -0.00 min
Lab File: VU025079.D
Acq: 30 Jun 2018 11:22

Tgt Ion: 106 Resp: 483339
Ion Ratio Lower Upper
106 100
91 205.2 166.5 249.7

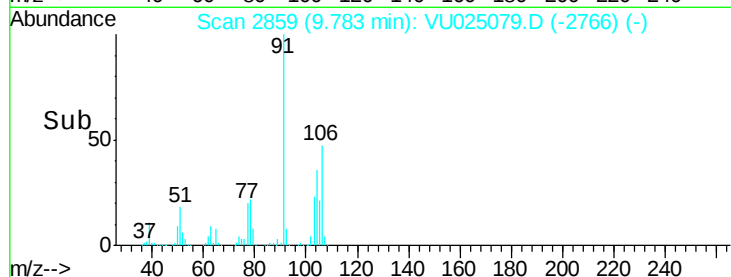
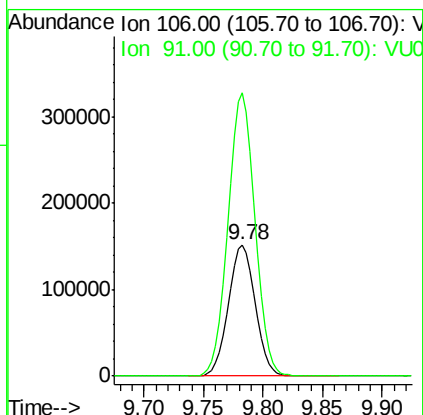
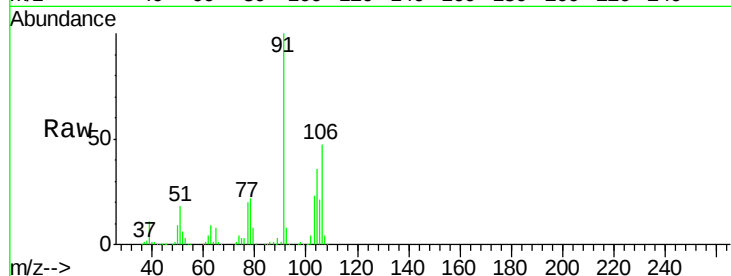




#69
o-Xylene
Concen: 55.480 ug/l
RT: 9.78 min Scan# 2859
Delta R.T. -0.00 min
Lab File: VU025079.D
Acq: 30 Jun 2018 11:22

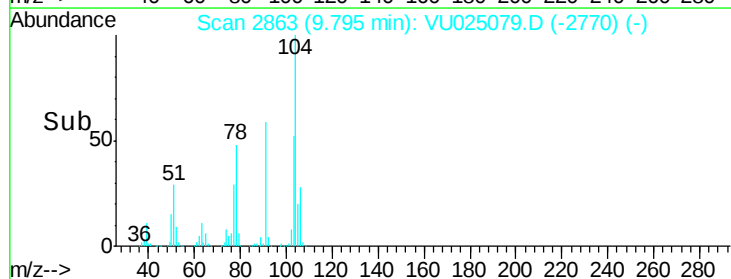
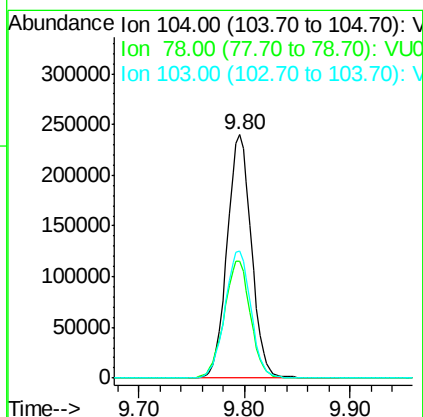
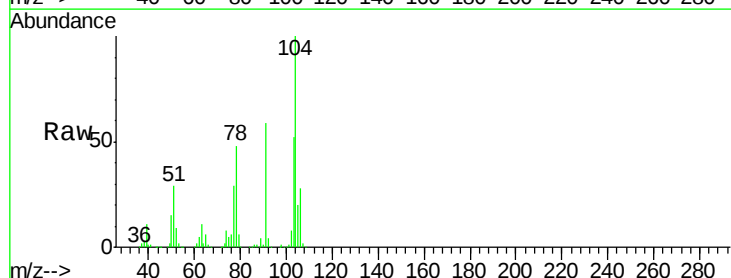
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

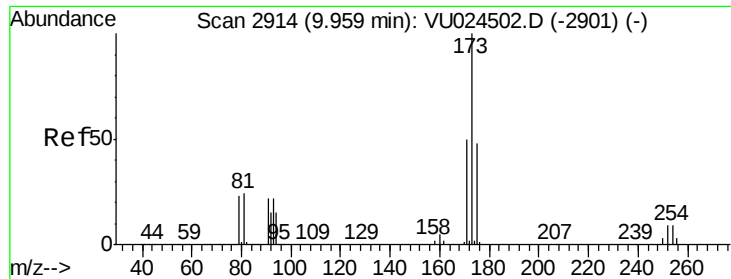
Tgt Ion:106 Resp: 238248
Ion Ratio Lower Upper
106 100
91 215.5 110.7 331.9



#70
Styrene
Concen: 54.072 ug/l
RT: 9.80 min Scan# 2863
Delta R.T. -0.00 min
Lab File: VU025079.D
Acq: 30 Jun 2018 11:22

Tgt Ion:104 Resp: 381584
Ion Ratio Lower Upper
104 100
78 52.1 40.6 60.8
103 55.9 44.7 67.1





#71

Bromoform

Concen: 49.233 ug/l

RT: 9.96 min Scan# 2915

Delta R.T. 0.00 min

Lab File: VU025079.D

Acq: 30 Jun 2018 11:22

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

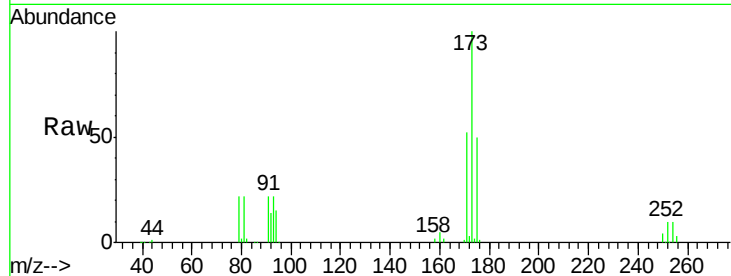
Tgt Ion:173 Resp: 114596

Ion Ratio Lower Upper

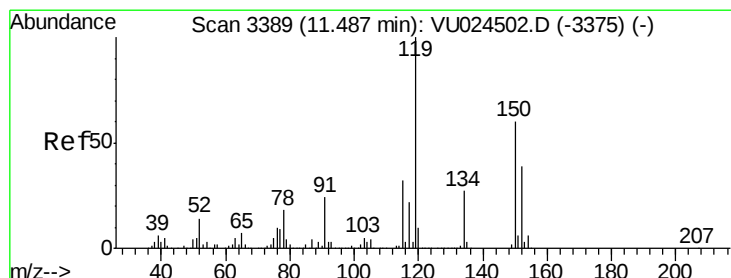
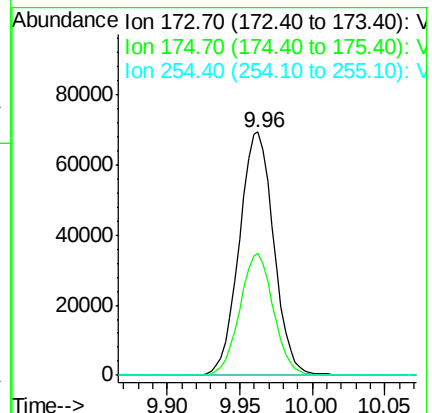
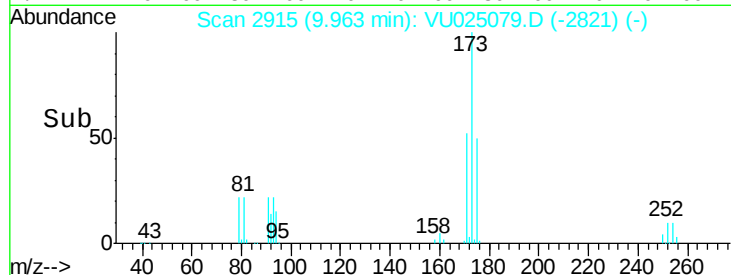
173 100

175 48.9 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: VU025079.D

Acq: 30 Jun 2018 11:22

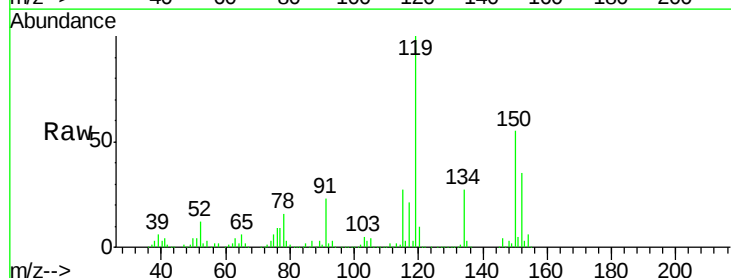
Tgt Ion:152 Resp: 156844

Ion Ratio Lower Upper

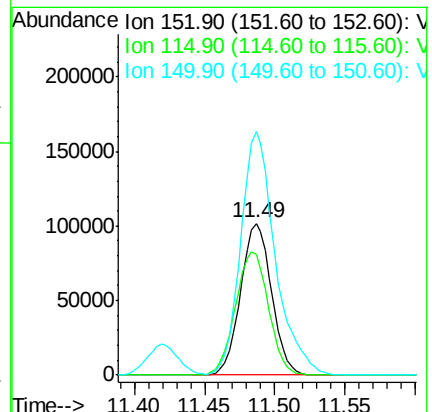
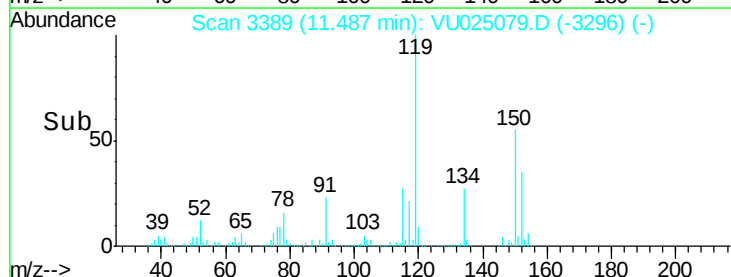
152 100

115 86.6 43.0 129.0

150 179.0 0.0 354.0



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





#73

Isopropylbenzene

Concen: 53.904 ug/l

RT: 10.17 min Scan# 2979

Delta R.T. -0.00 min

Lab File: VU025079.D

Acq: 30 Jun 2018 11:22

Instrument :

MSVOA_U

ClientSampleId :

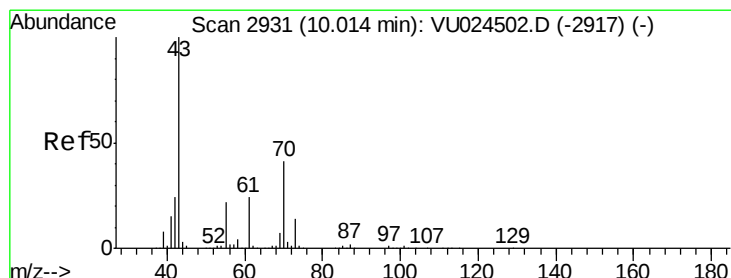
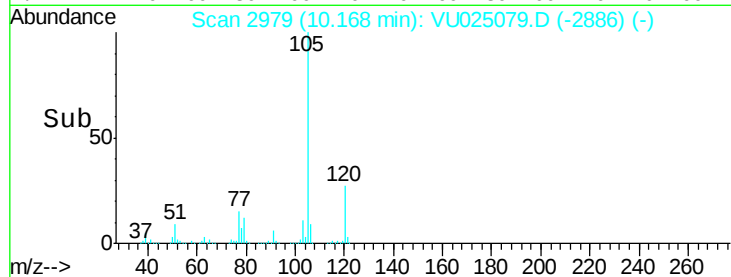
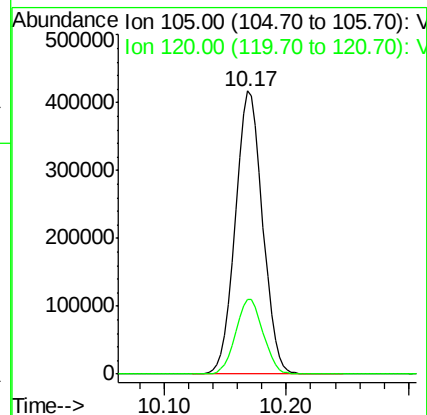
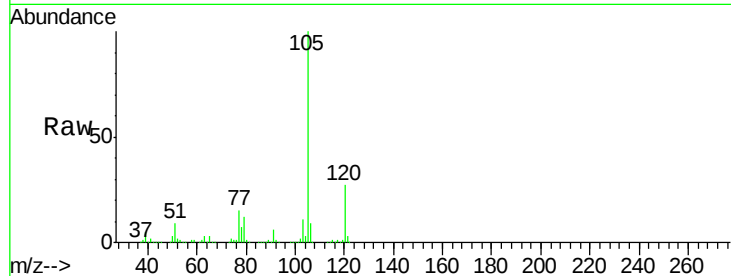
VSTDCCC050

Tgt Ion: 105 Resp: 649104

Ion Ratio Lower Upper

105 100

120 26.6 13.2 39.6



#74

N-ethyl acetate

Concen: 46.099 ug/l

RT: 10.01 min Scan# 2931

Delta R.T. -0.00 min

Lab File: VU025079.D

Acq: 30 Jun 2018 11:22

Tgt Ion: 43 Resp: 264041

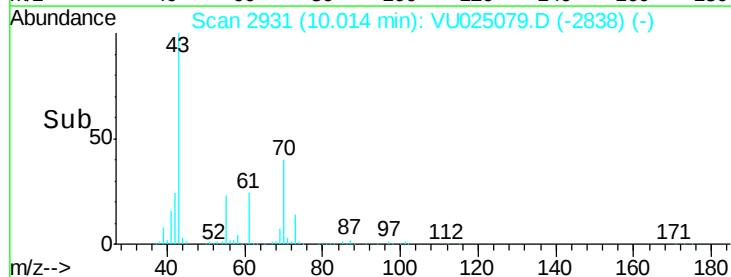
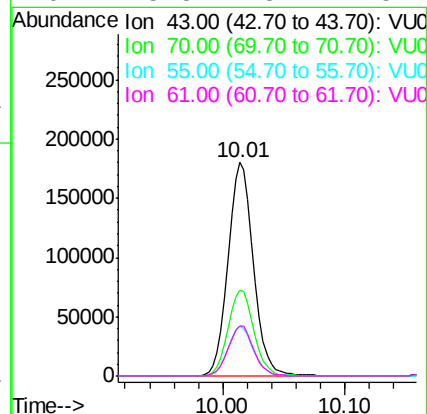
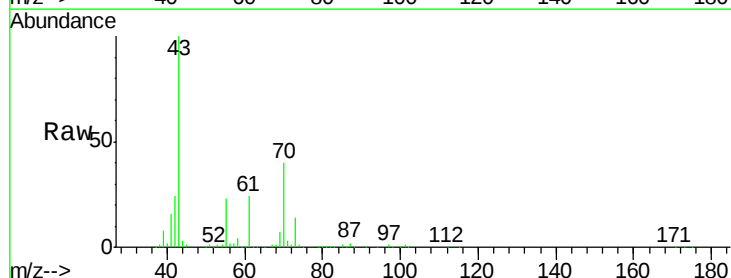
Ion Ratio Lower Upper

43 100

70 41.1 32.2 48.4

55 23.8 20.5 30.7

61 23.8 18.7 28.1





#75

1,1,2,2-Tetrachloroethane

Concen: 50.697 ug/l

RT: 10.46 min Scan# 3070

Delta R.T. -0.00 min

Lab File: VU025079.D

Acq: 30 Jun 2018 11:22

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

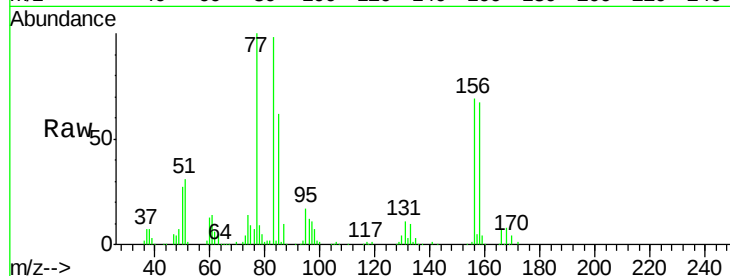
Tgt Ion: 83 Resp: 204574

Ion Ratio Lower Upper

83 100

131 11.1 4.7 14.1

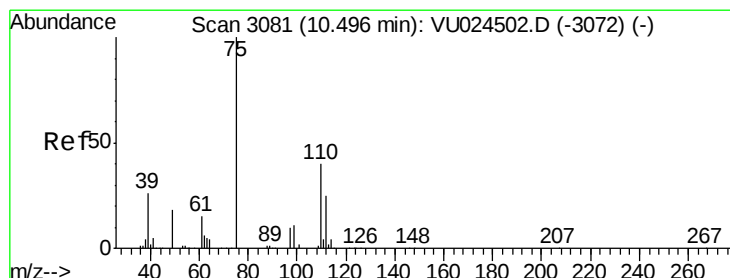
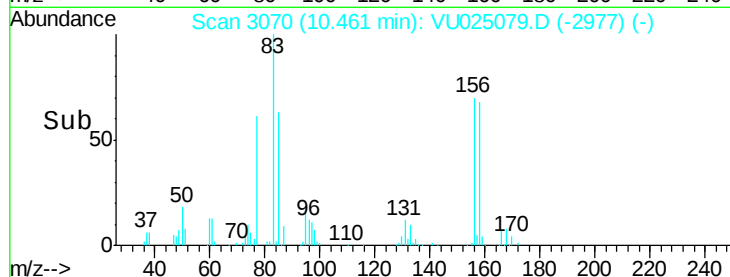
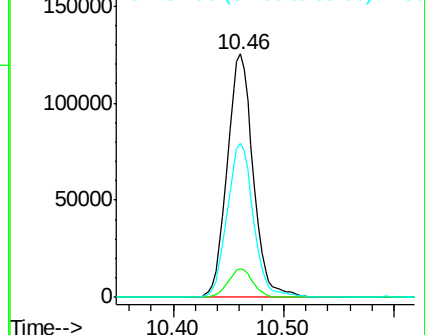
85 64.2 32.5 97.5



Abundance Ion 82.90 (82.60 to 83.60): VU0

Ion 130.80 (130.50 to 131.50): VU0

Ion 84.90 (84.60 to 85.60): VU0



#76

1,2,3-Trichloropropane

Concen: 71.692 ug/l

RT: 10.50 min Scan# 3081

Delta R.T. -0.00 min

Lab File: VU025079.D

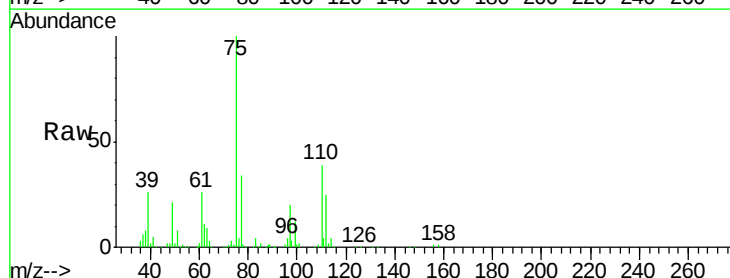
Acq: 30 Jun 2018 11:22

Tgt Ion: 75 Resp: 247562

Ion Ratio Lower Upper

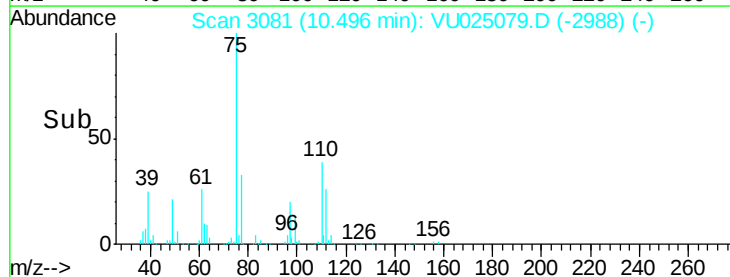
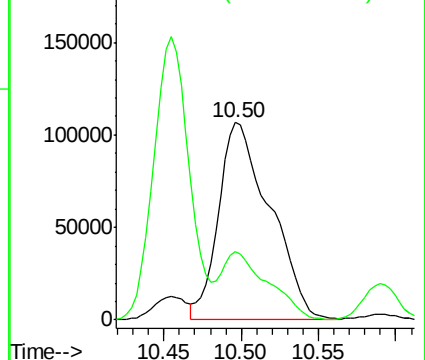
75 100

77 30.4 20.9 62.7



Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 77.00 (76.70 to 77.70): VU0





#77

Bromobenzene

Concen: 53.655 ug/l

RT: 10.45 min Scan# 3068

Delta R.T. -0.00 min

Lab File: VU025079.D

Acq: 30 Jun 2018 11:22

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

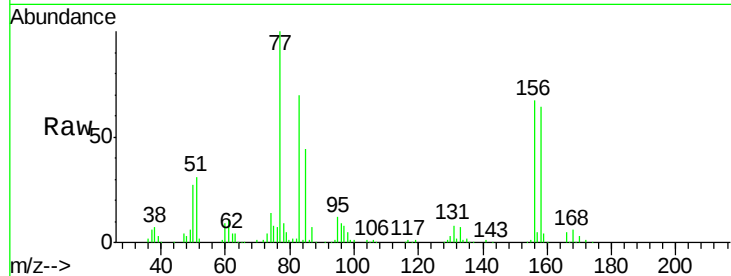
Tgt Ion:156 Resp: 163569

Ion Ratio Lower Upper

156 100

77 149.7 80.5 241.3

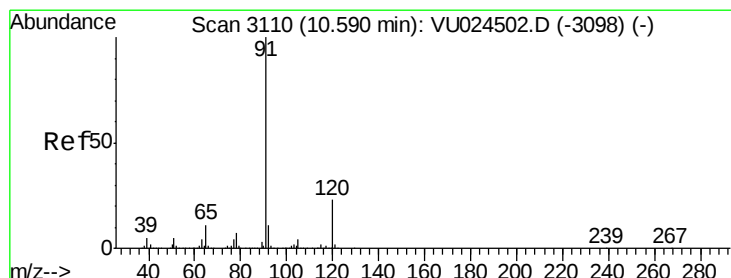
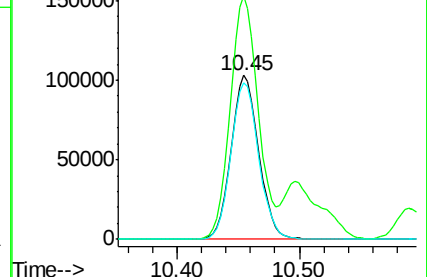
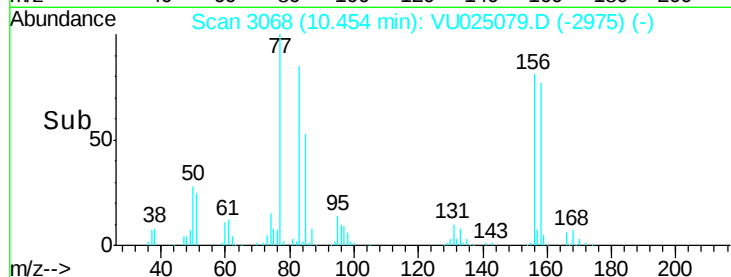
158 96.2 48.2 144.6



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: 53.290 ug/l

RT: 10.59 min Scan# 3110

Delta R.T. -0.00 min

Lab File: VU025079.D

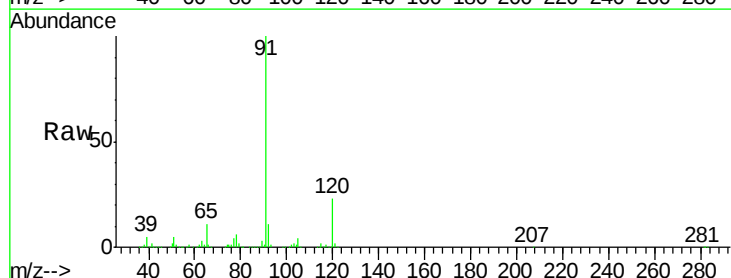
Acq: 30 Jun 2018 11:22

Tgt Ion: 91 Resp: 755923

Ion Ratio Lower Upper

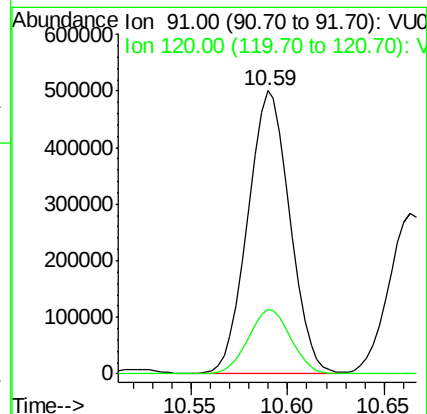
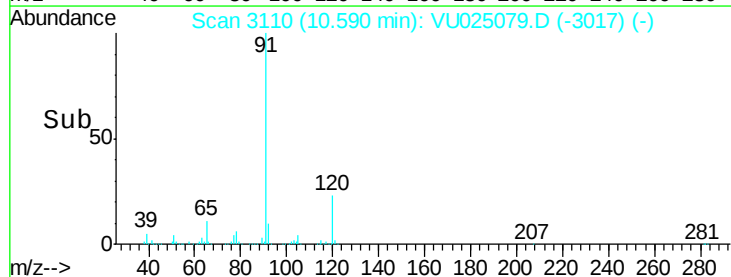
91 100

120 23.1 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: 53.005 ug/l

RT: 10.66 min Scan# 3133

Delta R.T. -0.00 min

Lab File: VU025079.D

Acq: 30 Jun 2018 11:22

Instrument :

MSVOA_U

ClientSampleId :

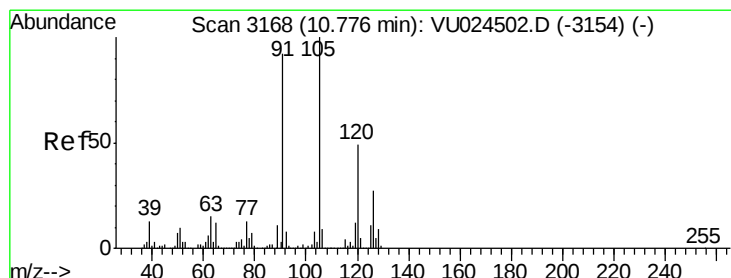
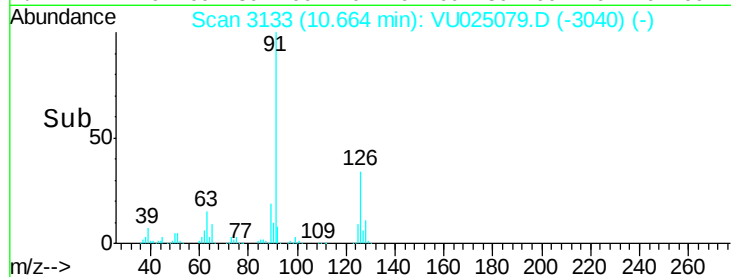
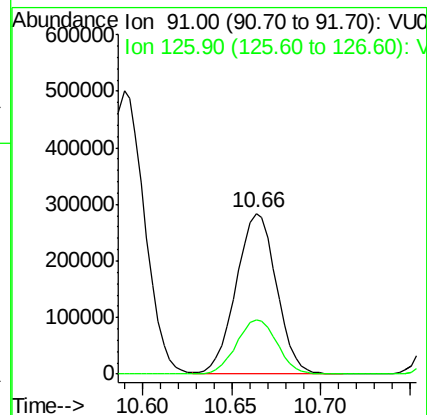
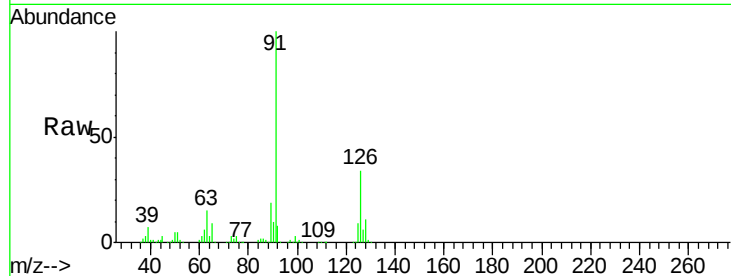
VSTDCCC050

Tgt Ion: 91 Resp: 443394

Ion Ratio Lower Upper

91 100

126 34.5 16.9 50.7



#80

1,3,5-Trimethylbenzene

Concen: 54.368 ug/l

RT: 10.78 min Scan# 3168

Delta R.T. -0.00 min

Lab File: VU025079.D

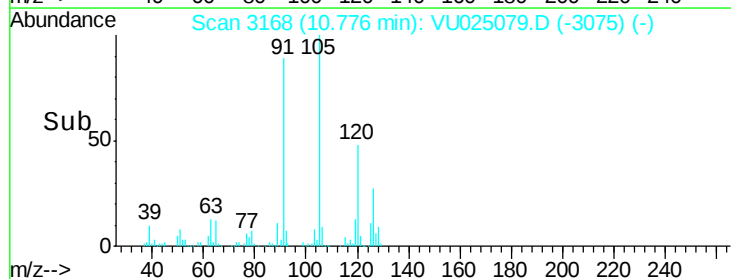
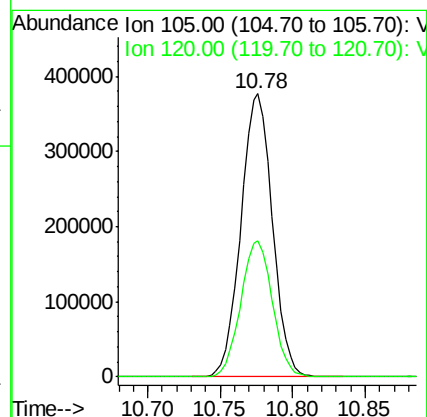
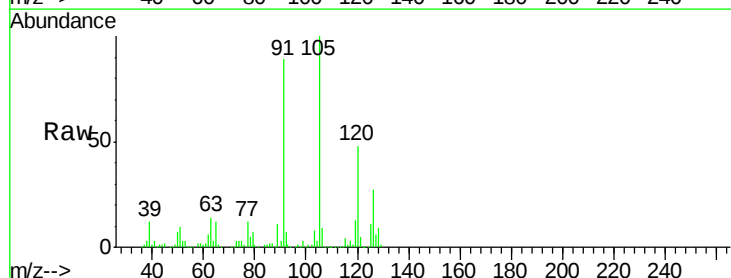
Acq: 30 Jun 2018 11:22

Tgt Ion: 105 Resp: 567449

Ion Ratio Lower Upper

105 100

120 48.2 24.1 72.2





#81

trans-1,4-Dichloro-2-butene

Concen: 165.925 ug/l

RT: 10.50 min Scan# 3081

Delta R.T. -0.02 min

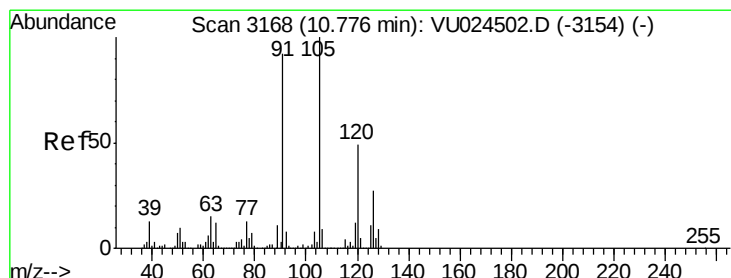
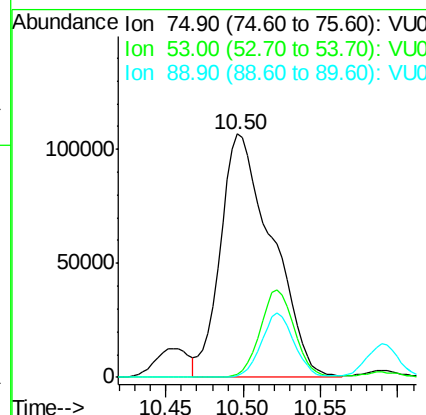
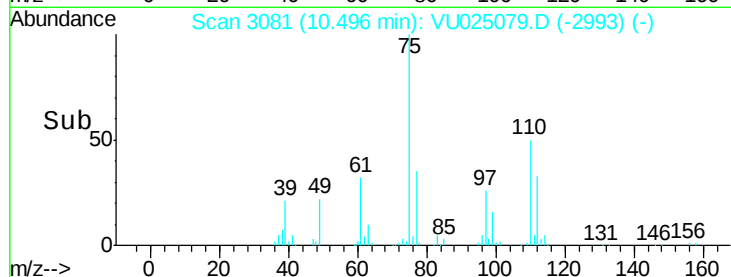
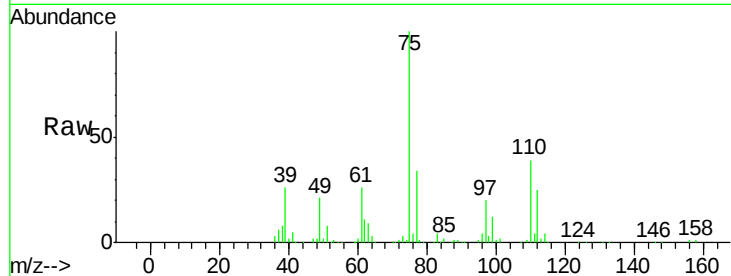
Lab File: VU025079.D

Acq: 30 Jun 2018 11:22

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 247562

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



#82

4-Chlorotoluene

Concen: 53.457 ug/l

RT: 10.78 min Scan# 3168

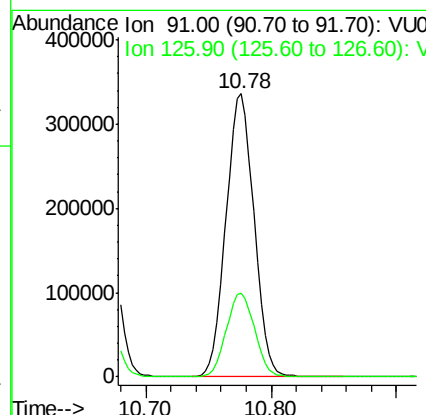
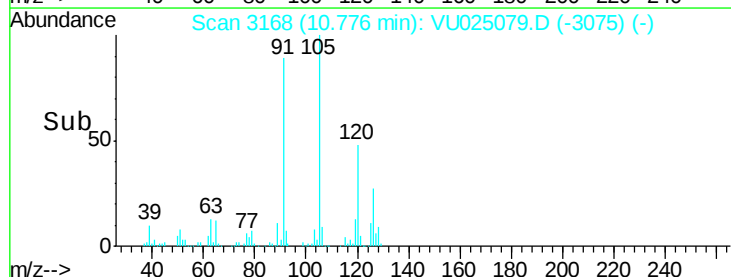
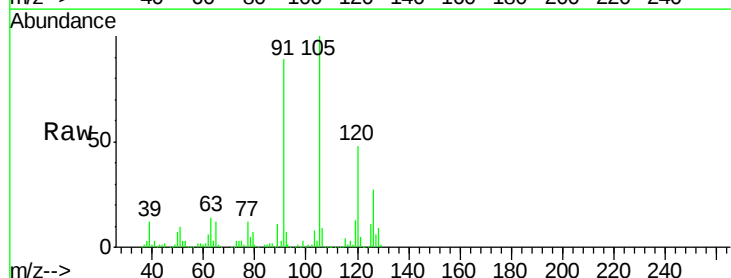
Delta R.T. -0.00 min

Lab File: VU025079.D

Acq: 30 Jun 2018 11:22

Tgt Ion: 91 Resp: 520472

Ion	Ratio	Lower	Upper
91	100		
126	29.9	14.9	44.9

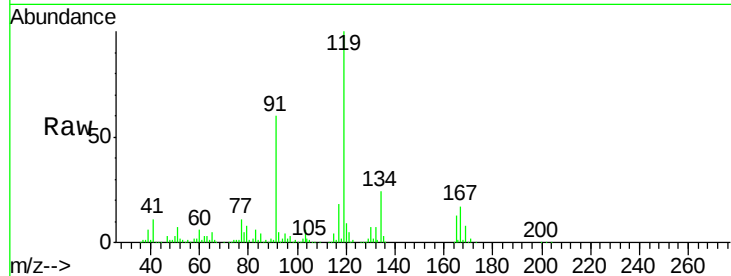




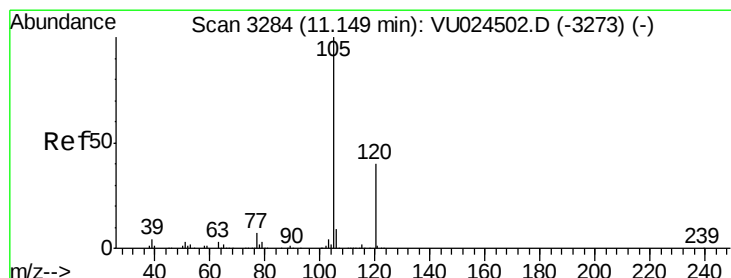
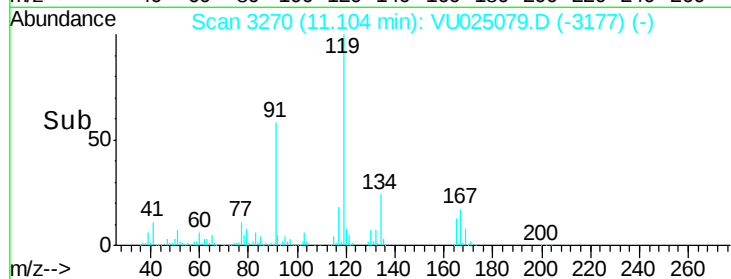
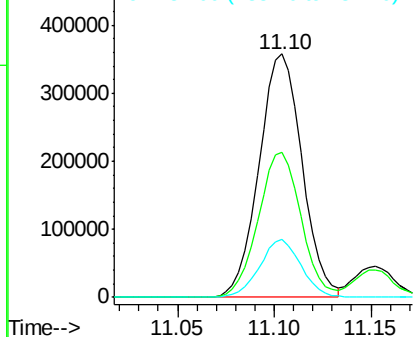
#83
 tert-Butylbenzene
 Concen: 55.305 ug/l
 RT: 11.10 min Scan# 3270
 Delta R.T. -0.00 min
 Lab File: VU025079.D
 Acq: 30 Jun 2018 11:22

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
119	100		
91	59.3	29.7	89.1
134	22.8	11.6	34.7

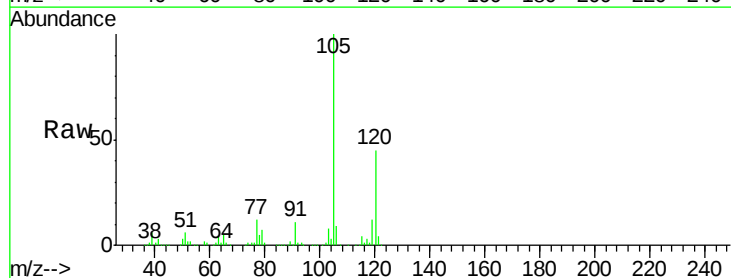


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): V
 Ion 134.00 (133.70 to 134.70): V

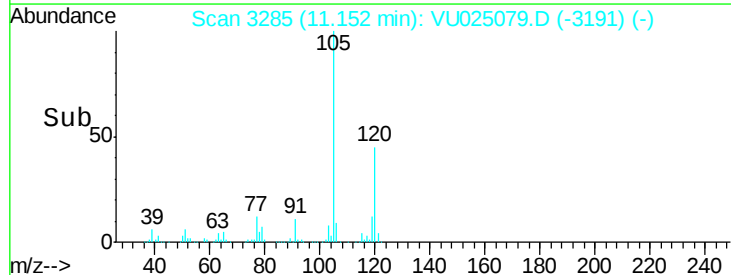
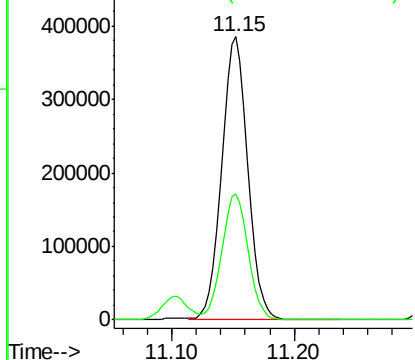


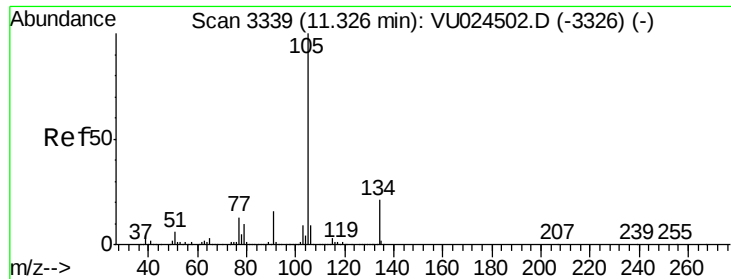
#84
 1,2,4-Trimethylbenzene
 Concen: 54.347 ug/l
 RT: 11.15 min Scan# 3285
 Delta R.T. 0.00 min
 Lab File: VU025079.D
 Acq: 30 Jun 2018 11:22

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.1	22.6	67.8



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

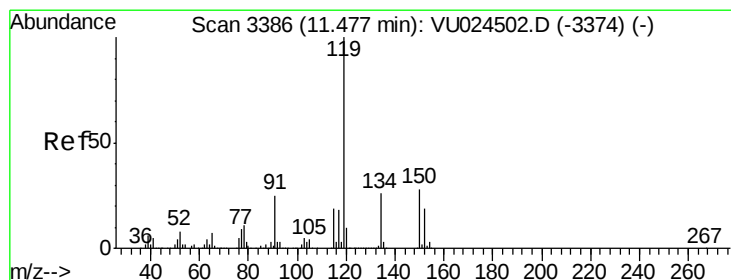
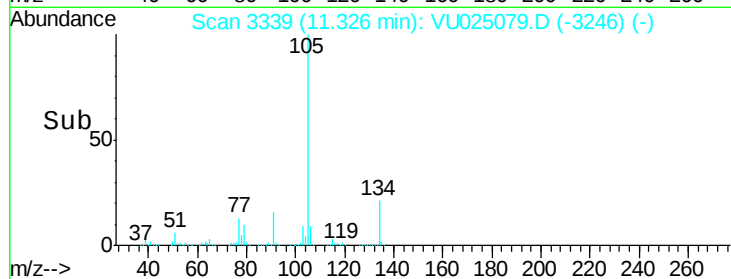
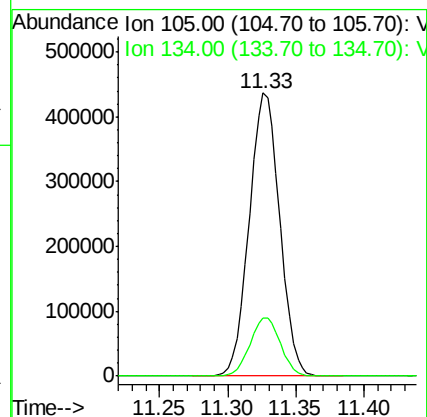
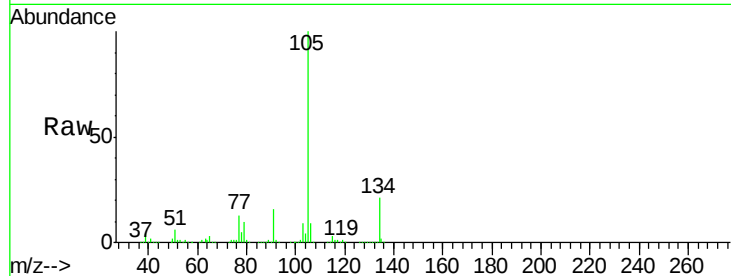




#85
 sec-Butylbenzene
 Concen: 53.870 ug/l
 RT: 11.33 min Scan# 3339
 Delta R.T. -0.00 min
 Lab File: VU025079.D
 Acq: 30 Jun 2018 11:22

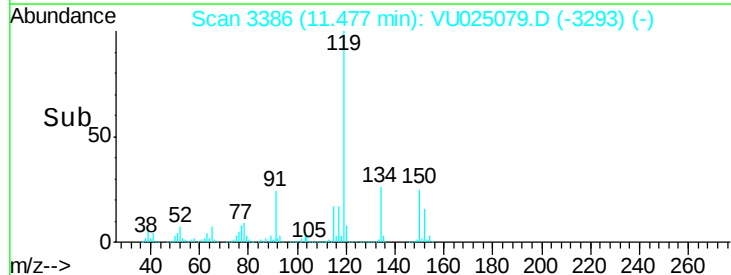
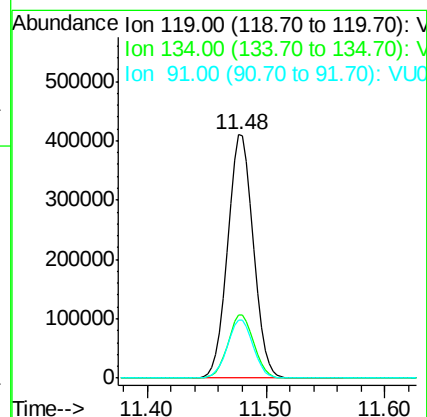
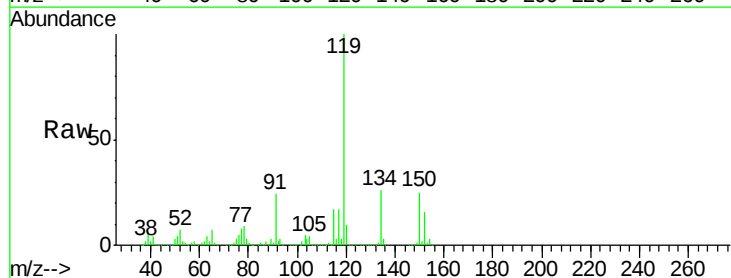
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Tgt Ion:105 Resp: 676996
 Ion Ratio Lower Upper
 105 100
 134 20.5 9.7 29.1



#86
 p-Isopropyltoluene
 Concen: 54.340 ug/l
 RT: 11.48 min Scan# 3386
 Delta R.T. -0.00 min
 Lab File: VU025079.D
 Acq: 30 Jun 2018 11:22

Tgt Ion:119 Resp: 611617
 Ion Ratio Lower Upper
 119 100
 134 26.3 12.9 38.6
 91 24.1 12.0 36.1

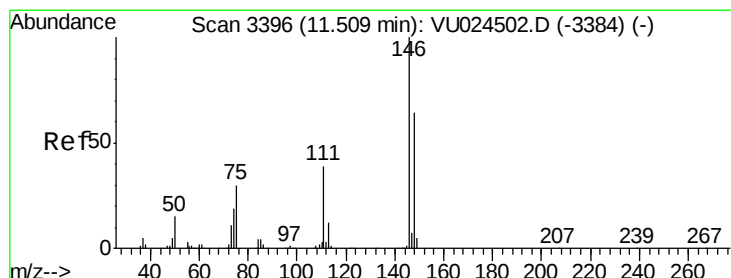
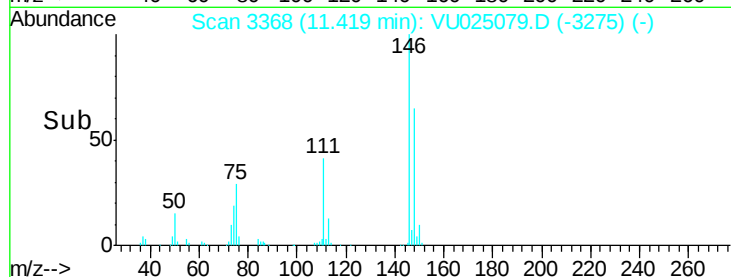
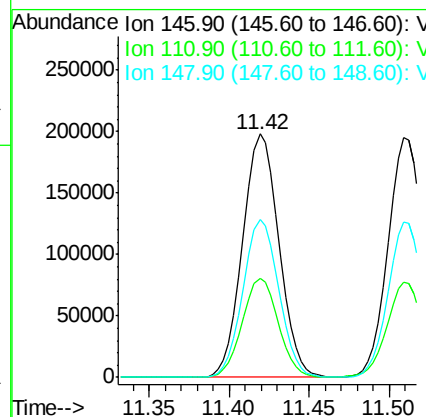
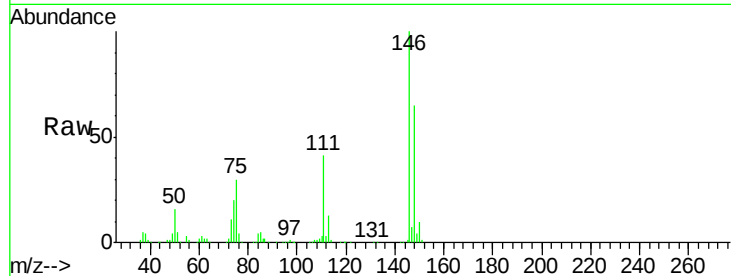




#87
 1,3-Dichlorobenzene
 Concen: 54.398 ug/l
 RT: 11.42 min Scan# 3368
 Delta R.T. -0.00 min
 Lab File: VU025079.D
 Acq: 30 Jun 2018 11:22

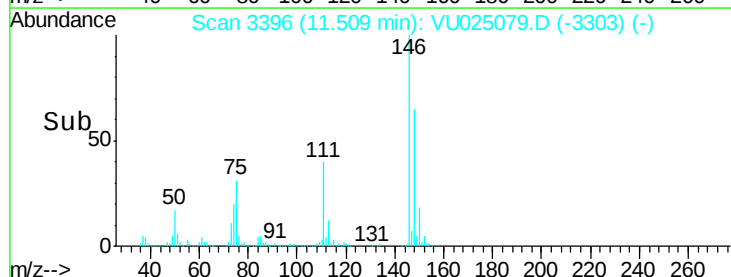
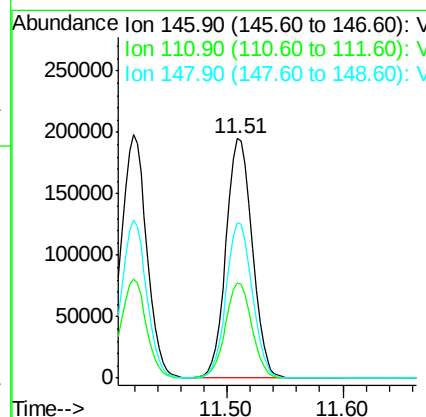
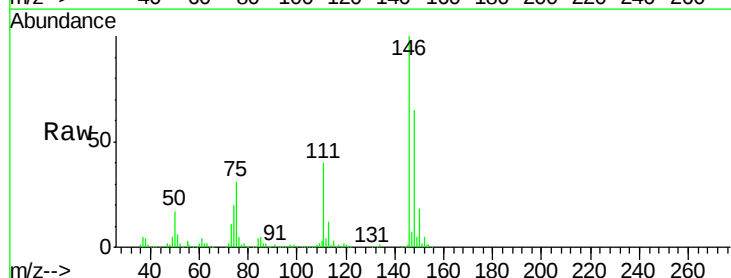
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

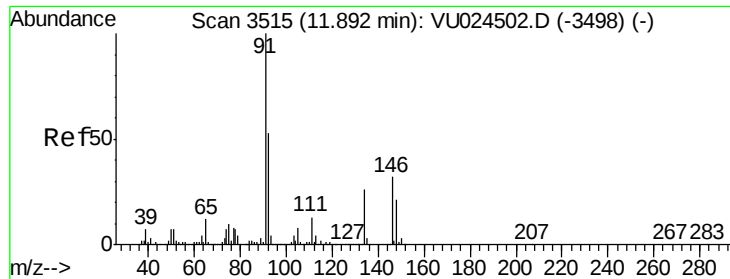
Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.2	20.0	60.0
148	64.0	32.1	96.5



#88
 1,4-Dichlorobenzene
 Concen: 53.966 ug/l
 RT: 11.51 min Scan# 3396
 Delta R.T. -0.00 min
 Lab File: VU025079.D
 Acq: 30 Jun 2018 11:22

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.9	19.5	58.5
148	64.5	32.4	97.0

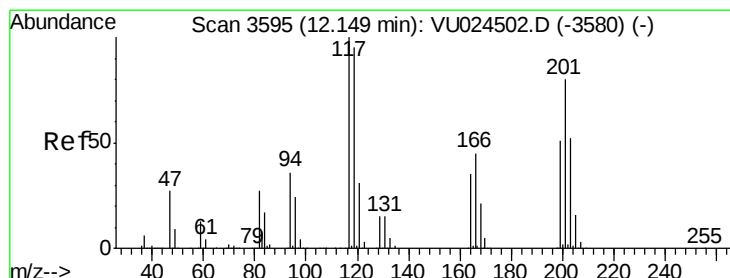
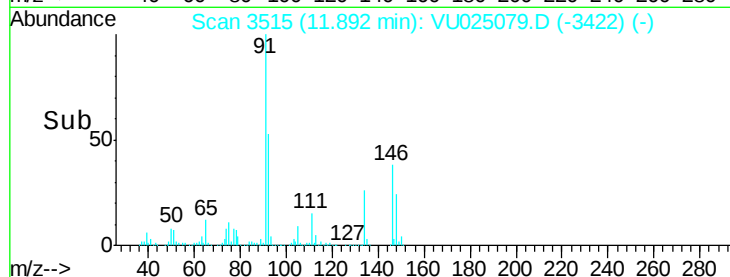
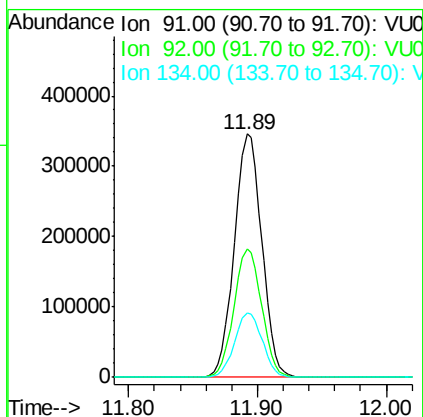
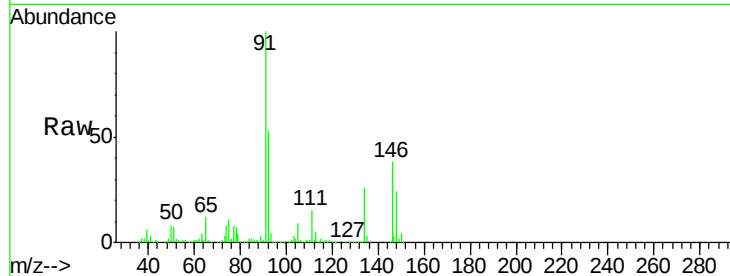




#89
n-Butylbenzene
Concen: 51.363 ug/l
RT: 11.89 min Scan# 3515
Delta R.T. -0.00 min
Lab File: VU025079.D
Acq: 30 Jun 2018 11:22

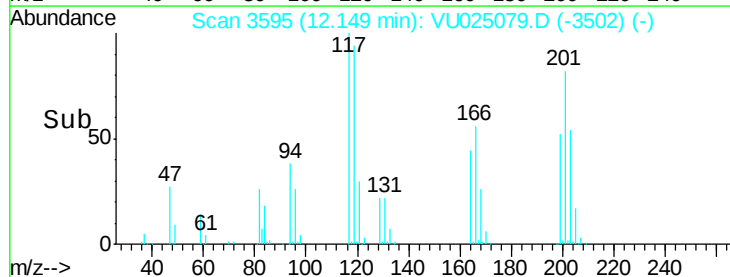
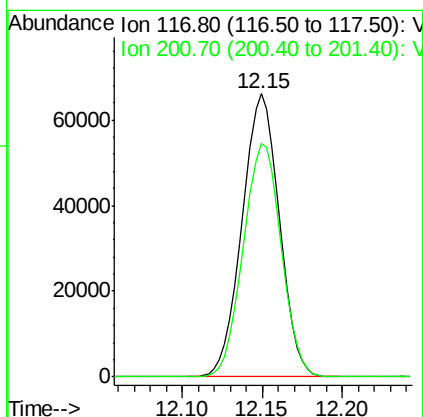
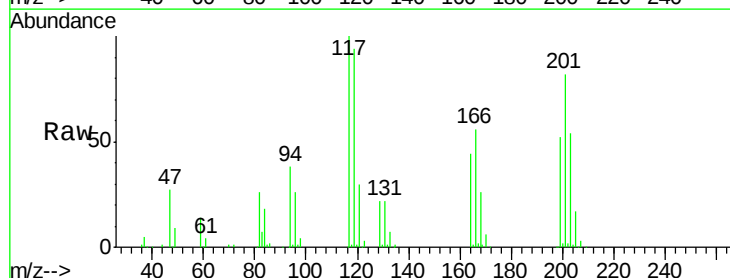
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 513256
Ion Ratio Lower Upper
91 100
92 52.9 25.6 76.8
134 26.7 12.3 36.8



#90
Hexachloroethane
Concen: 47.723 ug/l
RT: 12.15 min Scan# 3595
Delta R.T. -0.00 min
Lab File: VU025079.D
Acq: 30 Jun 2018 11:22

Tgt Ion: 117 Resp: 104783
Ion Ratio Lower Upper
117 100
201 83.9 41.1 123.3





#91

1,2-Dichlorobenzene

Concen: 55.730 ug/l

RT: 11.88 min Scan# 3512

Delta R.T. -0.00 min

Lab File: VU025079.D

Acq: 30 Jun 2018 11:22

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

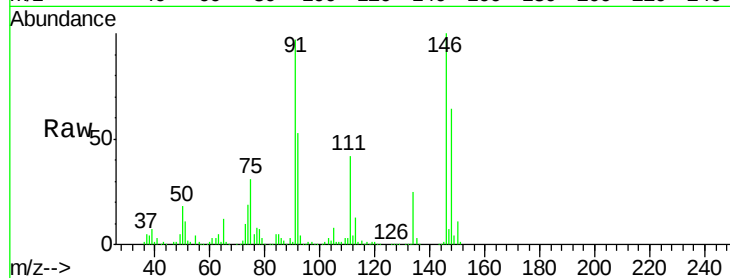
Tgt Ion:146 Resp: 314393

Ion Ratio Lower Upper

146 100

111 41.4 20.5 61.6

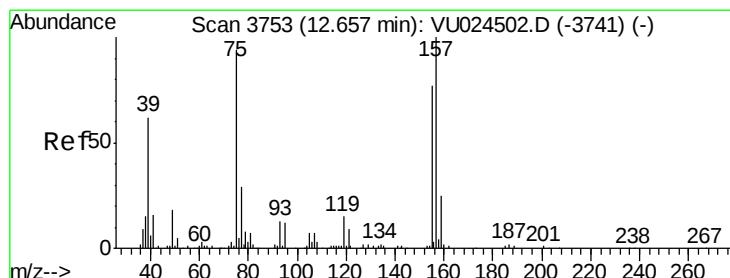
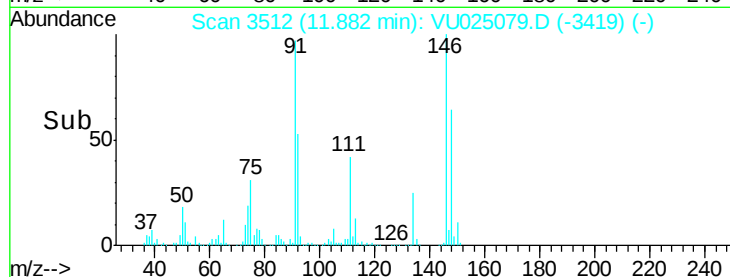
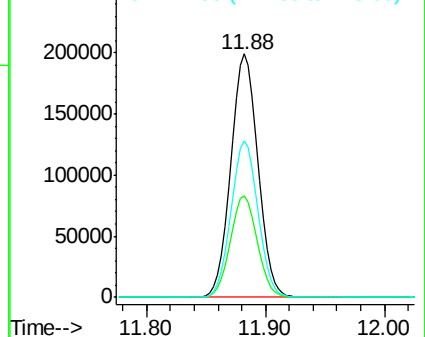
148 63.9 31.9 95.7



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: 47.935 ug/l

RT: 12.66 min Scan# 3754

Delta R.T. 0.00 min

Lab File: VU025079.D

Acq: 30 Jun 2018 11:22

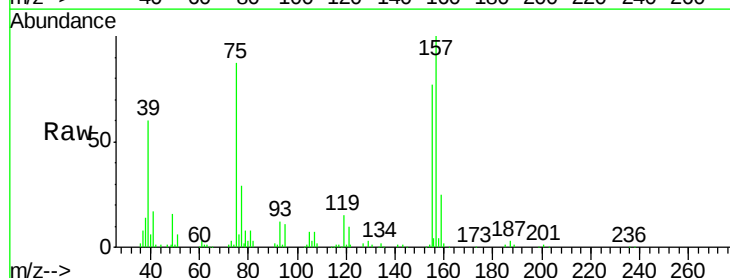
Tgt Ion: 75 Resp: 53373

Ion Ratio Lower Upper

75 100

155 87.2 40.4 121.2

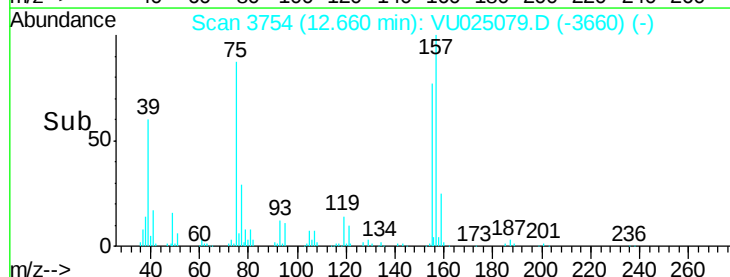
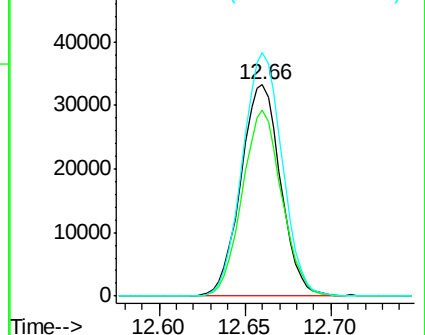
157 115.1 52.3 156.8

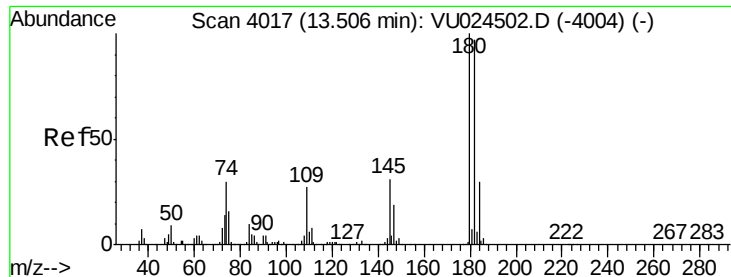


Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

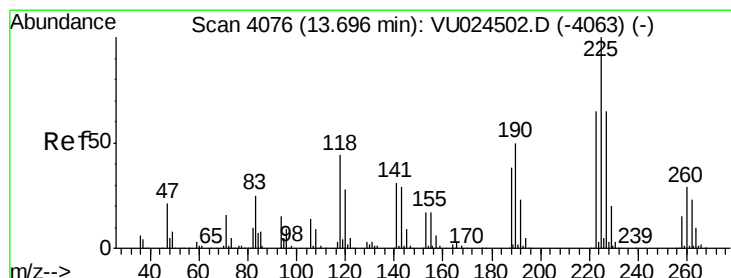
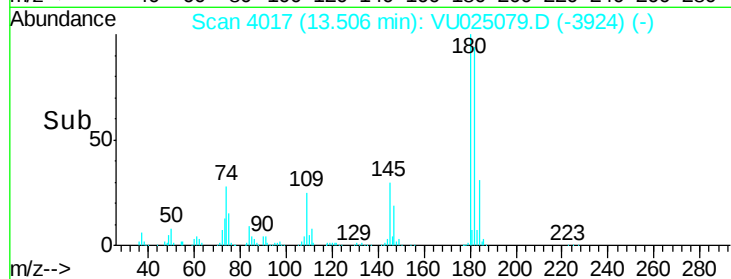
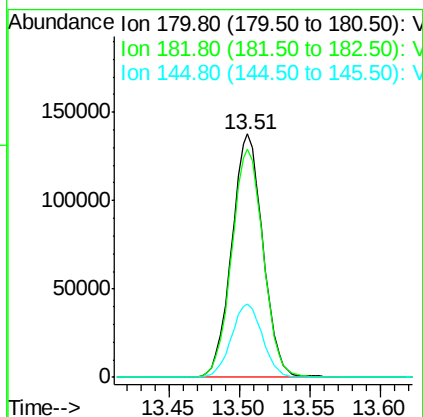
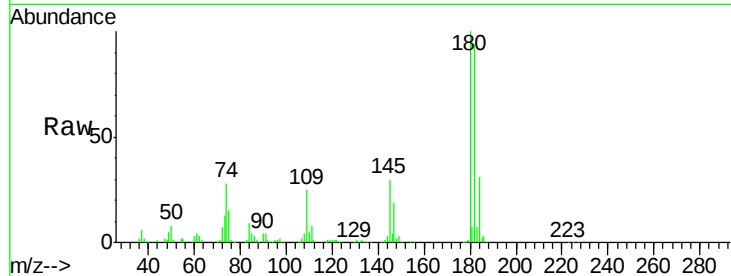




#93
 1,2,4-Trichlorobenzene
 Concen: 61.113 ug/l
 RT: 13.51 min Scan# 4017
 Delta R.T. -0.00 min
 Lab File: VU025079.D
 Acq: 30 Jun 2018 11:22

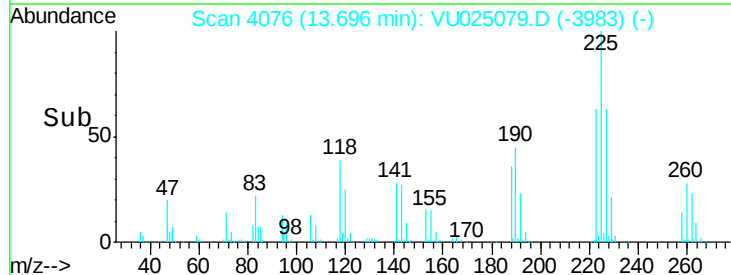
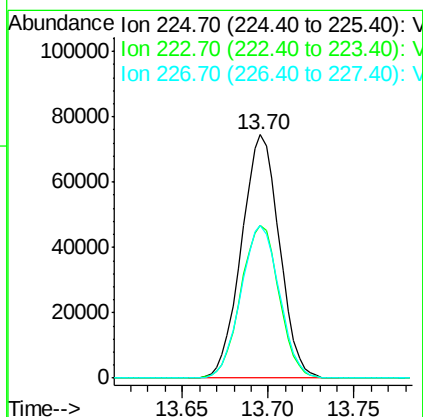
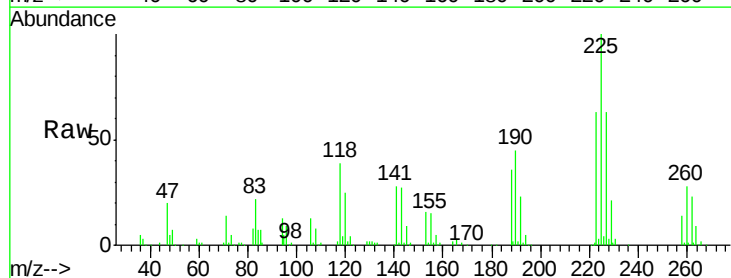
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.8	48.0	144.2
145	30.2	14.7	44.1



#94
 Hexachlorobutadiene
 Concen: 58.091 ug/l
 RT: 13.70 min Scan# 4076
 Delta R.T. -0.00 min
 Lab File: VU025079.D
 Acq: 30 Jun 2018 11:22

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.1	31.3	93.8
227	63.6	31.8	95.4

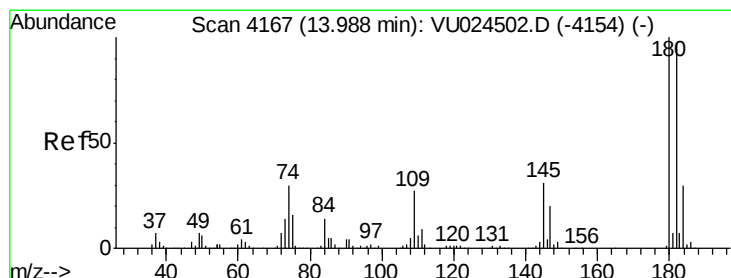
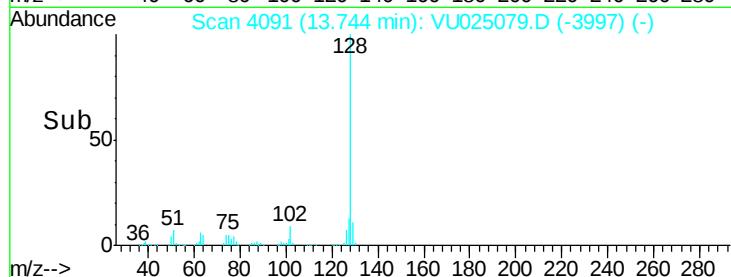
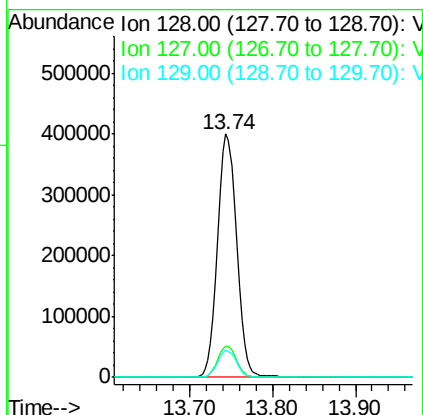
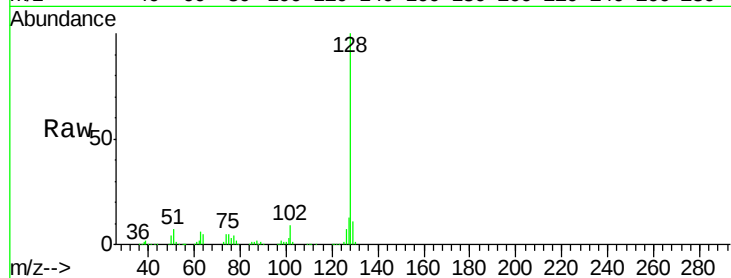




#95
Naphthalene
Concen: 55.330 ug/l
RT: 13.74 min Scan# 4091
Delta R.T. 0.00 min
Lab File: VU025079.D
Acq: 30 Jun 2018 11:22

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 638949
Ion Ratio Lower Upper
128 100
127 12.8 10.6 16.0
129 10.9 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 62.101 ug/l
RT: 13.99 min Scan# 4167
Delta R.T. -0.00 min
Lab File: VU025079.D
Acq: 30 Jun 2018 11:22

Tgt Ion:180 Resp: 215571
Ion Ratio Lower Upper
180 100
182 96.3 47.9 143.7
145 32.5 15.4 46.1

