

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU062718\
 Data File : VU024981.D
 Acq On : 27 Jun 2018 21:43
 Operator : MD/SY
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Quant Time: Jun 28 02:29:43 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	180672	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	274350	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	265310	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	165896	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	144162	48.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.76%	
35) Dibromofluoromethane	4.89	113	116559	51.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.38%	
50) Toluene-d8	7.57	98	393181	47.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.68%	
62) 4-Bromofluorobenzene	10.31	95	167625	50.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.66%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	97288	43.020	ug/l	99
3) Chloromethane	1.33	50	99663	43.137	ug/l	100
4) Vinyl Chloride	1.40	62	109450	45.936	ug/l	98
5) Bromomethane	1.61	94	64355	55.872	ug/l	99
6) Chloroethane	1.69	64	71430	53.728	ug/l	97
7) Trichlorofluoromethane	1.88	101	183292	50.408	ug/l	98
8) Diethyl Ether	2.10	74	67657	54.857	ug/l	88
9) 1,1,2-Trichlorotrifluoroet	2.29	101	106258	47.103	ug/l	98
10) Methyl Iodide	2.41	142	124415	63.564	ug/l	97
11) Tert butyl alcohol	2.82	59	165888	231.252	ug/l	100
12) 1,1-Dichloroethene	2.28	96	98914	48.081	ug/l	95
13) Acrolein	2.19	56	37047	98.347	ug/l	99
14) Allyl chloride	2.59	41	175509	45.948	ug/l	99
15) Acrylonitrile	2.93	53	342036	245.067	ug/l	99
16) Acetone	2.32	43	317819	200.546	ug/l	98
17) Carbon Disulfide	2.48	76	282134	42.830	ug/l	99
18) Methyl Acetate	2.62	43	197752	58.207	ug/l	99
19) Methyl tert-butyl Ether	3.00	73	396735	51.304	ug/l	96
20) Methylene Chloride	2.70	84	119582	48.090	ug/l	97
21) trans-1,2-Dichloroethene	2.99	96	111768	49.328	ug/l	96
22) Diisopropyl ether	3.57	45	382071	50.459	ug/l	95
23) Vinyl Acetate	3.53	43	1624071	239.435	ug/l	99
24) 1,1-Dichloroethane	3.45	63	218461	50.152	ug/l	99
25) 2-Butanone	4.26	43	496870	233.415	ug/l	98
26) 2,2-Dichloropropane	4.23	77	182906	44.221	ug/l	99
27) cis-1,2-Dichloroethene	4.23	96	129503	49.715	ug/l	99
28) Bromochloromethane	4.55	49	91278	47.574	ug/l	85
29) Tetrahydrofuran	4.63	42	320765	243.329	ug/l	97
30) Chloroform	4.68	83	231611	52.532	ug/l	99
31) Cyclohexane	5.00	56	201754	52.245	ug/l	97
32) 1,1,1-Trichloroethane	4.92	97	213715	52.419	ug/l	96
36) 1,1-Dichloropropene	5.14	75	165020	51.188	ug/l	98
37) Ethyl Acetate	4.38	43	187190	53.274	ug/l	98
38) Carbon Tetrachloride	5.14	117	188389	53.140	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.42	83	202303	50.286	ug/l	97
40) Benzene	5.39	78	481228	52.386	ug/l	99
41) Methacrylonitrile	4.54	41	104128	54.964	ug/l	98
42) 1,2-Dichloroethane	5.41	62	199459	57.010	ug/l	99
43) Isopropyl Acetate	5.55	43	299466	49.306	ug/l	99
44) Trichloroethene	6.19	130	136005	52.022	ug/l	97
45) 1,2-Dichloropropane	6.44	63	127518	52.025	ug/l	98
46) Dibromomethane	6.56	93	92899	53.959	ug/l	95
47) Bromodichloromethane	6.76	83	180446	52.634	ug/l	100
48) Methyl methacrylate	6.62	41	156781	53.011	ug/l	98
49) 1,4-Dioxane	6.62	88	70532	1219.480	ug/l	95
51) 4-Methyl-2-Pentanone	7.46	43	972035	254.741	ug/l	97
52) Toluene	7.64	92	312258	52.835	ug/l	100
53) t-1,3-Dichloropropene	7.88	75	192277	49.942	ug/l	99
54) cis-1,3-Dichloropropene	7.27	75	202120	49.268	ug/l	99
55) 1,1,2-Trichloroethane	8.07	97	125385	52.192	ug/l	98
56) Ethyl methacrylate	8.02	69	204187	50.781	ug/l	99
57) 1,3-Dichloropropane	8.25	76	217130	53.578	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.13	63	99001	64.268	ug/l	94
59) 2-Hexanone	8.36	43	789361	253.388	ug/l	100
60) Dibromochloromethane	8.48	129	148277	49.496	ug/l	99
61) 1,2-Dibromoethane	8.59	107	139938	52.335	ug/l	98
64) Tetrachloroethene	8.23	164	125551	49.785	ug/l	98
65) Chlorobenzene	9.12	112	358638	52.914	ug/l	100
66) 1,1,1,2-Tetrachloroethane	9.21	131	134062	52.063	ug/l	98
67) Ethyl Benzene	9.25	91	622744	52.411	ug/l	99
68) m/p-Xylenes	9.38	106	484096	106.100	ug/l	98
69) o-Xylene	9.78	106	243460	53.917	ug/l	96
70) Styrene	9.80	104	388176	52.312	ug/l	99
71) Bromoform	9.96	173	117992	48.209	ug/l #	99
73) Isopropylbenzene	10.17	105	652211	51.207	ug/l	99
74) N-amyl acetate	10.01	43	280125	46.239	ug/l	97
75) 1,1,2,2-Tetrachloroethane	10.46	83	218039	51.085	ug/l	99
76) 1,2,3-Trichloropropane	10.50	75	257800	70.583	ug/l	84
77) Bromobenzene	10.45	156	166827	51.737	ug/l	94
78) n-propylbenzene	10.59	91	743180	49.533	ug/l	97
79) 2-Chlorotoluene	10.66	91	452006	51.086	ug/l	99
80) 1,3,5-Trimethylbenzene	10.78	105	569339	51.573	ug/l	100
81) trans-1,4-Dichloro-2-buten	10.50	75	257800	163.359	ug/l #	100
82) 4-Chlorotoluene	10.78	91	516459	50.150	ug/l	99
83) tert-Butylbenzene	11.10	119	563012	53.018	ug/l	100
84) 1,2,4-Trimethylbenzene	11.15	105	579722	51.529	ug/l	99
85) sec-Butylbenzene	11.33	105	677967	51.004	ug/l	98
86) p-Isopropyltoluene	11.48	119	602300	50.593	ug/l	99
87) 1,3-Dichlorobenzene	11.42	146	306670	51.478	ug/l	99
88) 1,4-Dichlorobenzene	11.51	146	307833	51.340	ug/l	99
89) n-Butylbenzene	11.89	91	492849	46.630	ug/l	98
90) Hexachloroethane	12.15	117	106468	45.845	ug/l	97
91) 1,2-Dichlorobenzene	11.88	146	320985	53.794	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.66	75	58066	49.304	ug/l	93

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

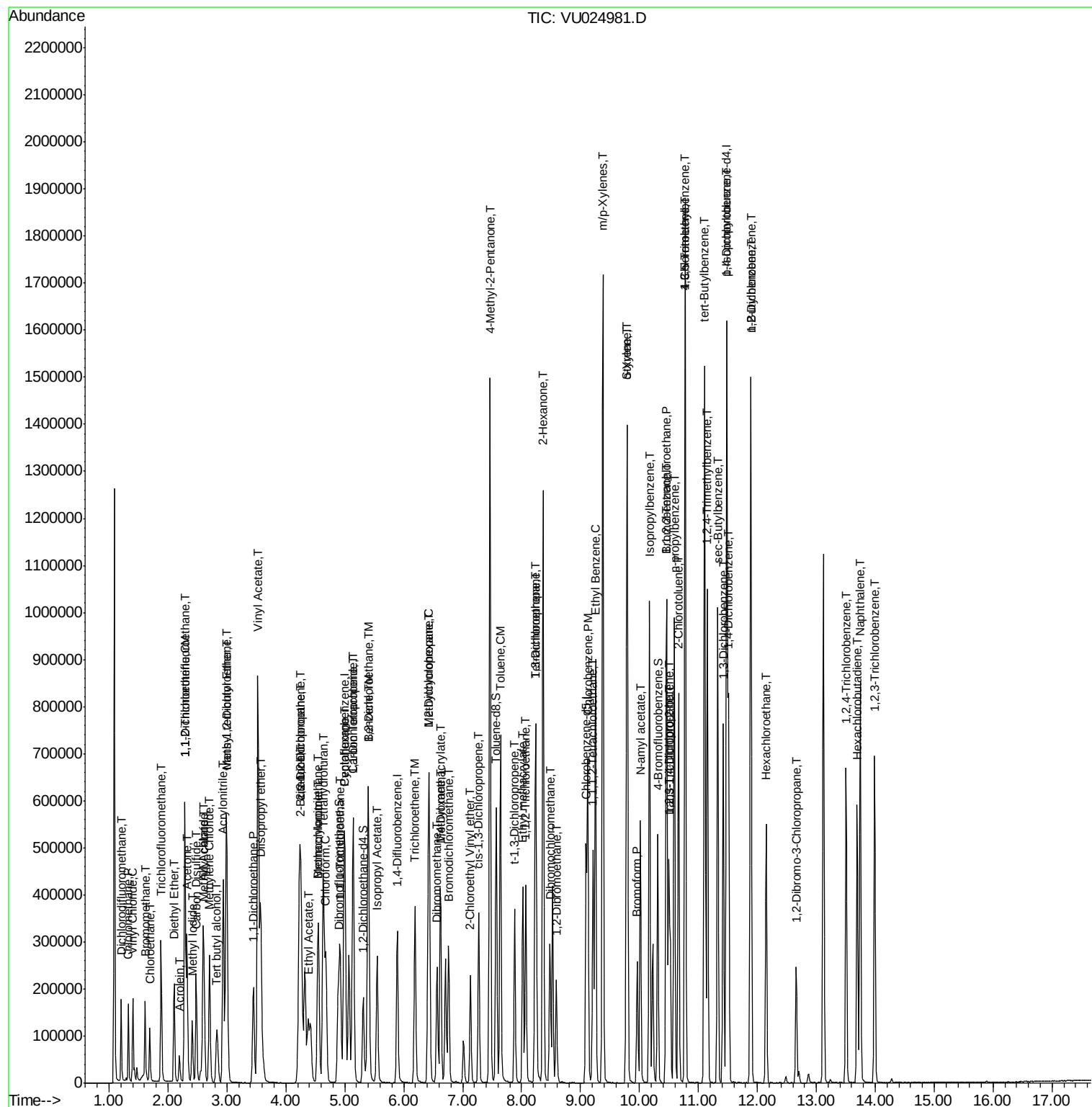
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.51	180	206902	56.151	ug/l	99
94) Hexachlorobutadiene	13.70	225	110489	53.274	ug/l	99
95) Naphthalene	13.74	128	669617	54.828	ug/l	99
96) 1,2,3-Trichlorobenzene	13.99	180	214646	58.461	ug/l	99

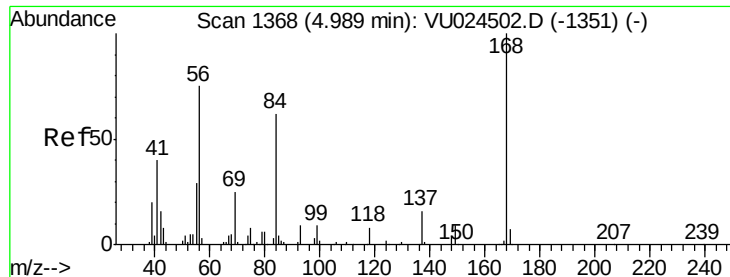
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.99 min Scan# 1368

Delta R.T. 0.00 min

Lab File: VU024981.D

Acq: 27 Jun 2018 21:43

Instrument :

MSVOA_U

ClientSampleId :

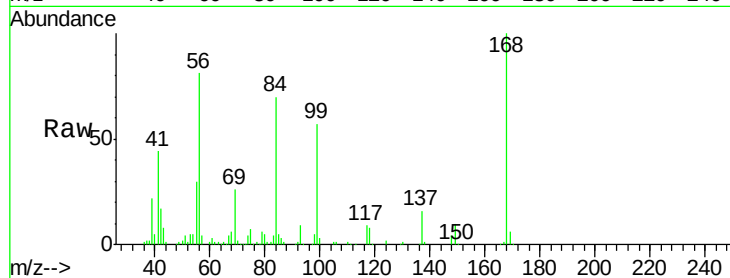
VSTDCCC050

Tgt Ion:168 Resp: 180672

Ion Ratio Lower Upper

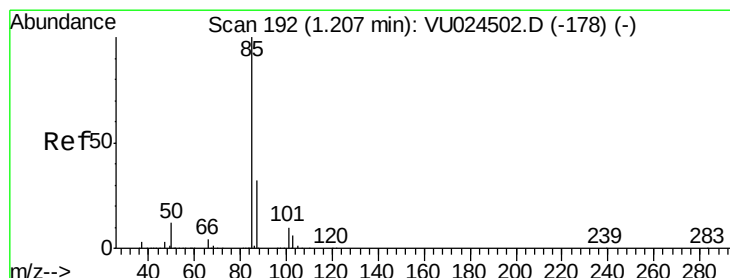
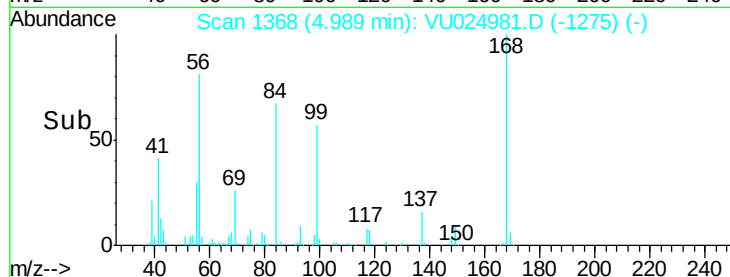
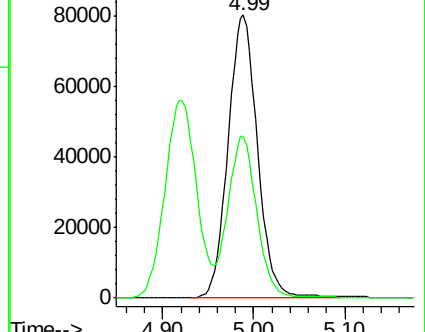
168 100

99 56.9 43.2 64.8



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

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



#2

Dichlorodifluoromethane

Concen: 43.020 ug/l

RT: 1.20 min Scan# 191

Delta R.T. -0.00 min

Lab File: VU024981.D

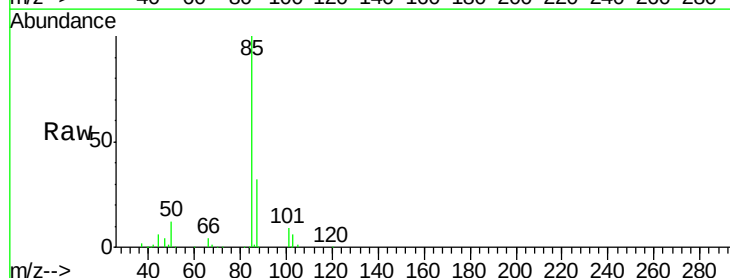
Acq: 27 Jun 2018 21:43

Tgt Ion: 85 Resp: 97288

Ion Ratio Lower Upper

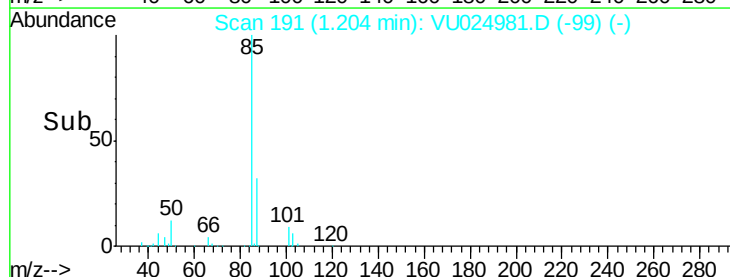
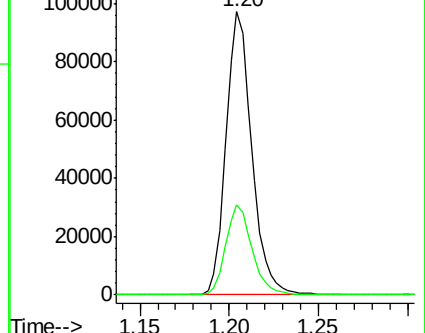
85 100

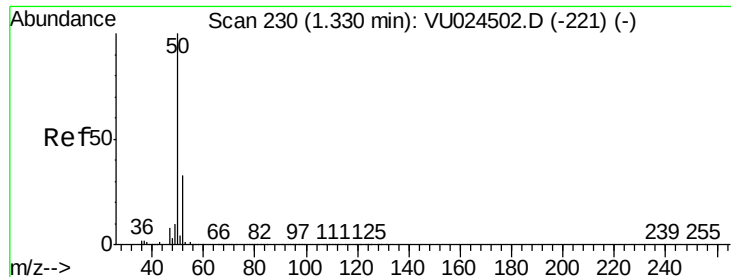
87 31.7 16.1 48.2



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: 43.137 ug/l

RT: 1.33 min Scan# 229

Delta R.T. -0.00 min

Lab File: VU024981.D

Acq: 27 Jun 2018 21:43

Instrument :

MSVOA_U

ClientSampleId :

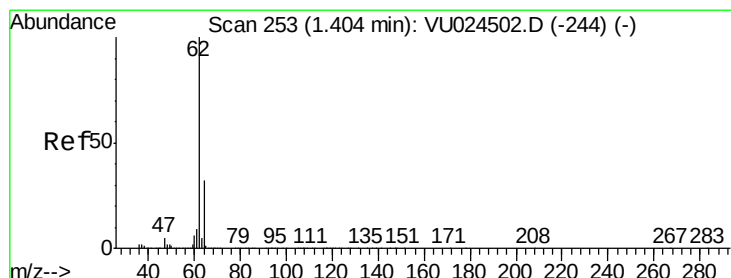
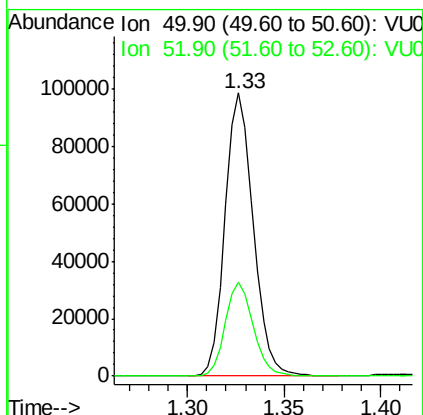
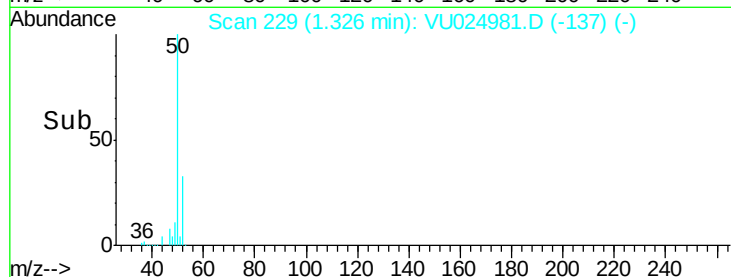
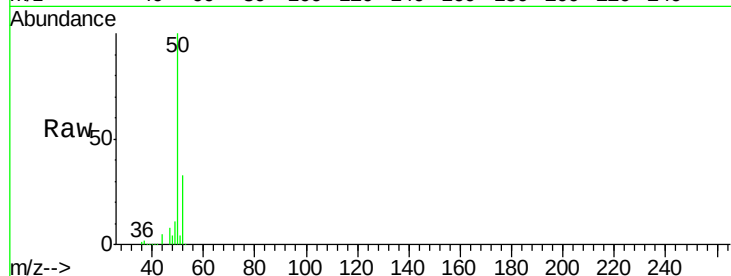
VSTDCCC050

Tgt Ion: 50 Resp: 99663

Ion Ratio Lower Upper

50 100

52 33.1 26.4 39.6



#4

Vinyl Chloride

Concen: 45.936 ug/l

RT: 1.40 min Scan# 253

Delta R.T. 0.00 min

Lab File: VU024981.D

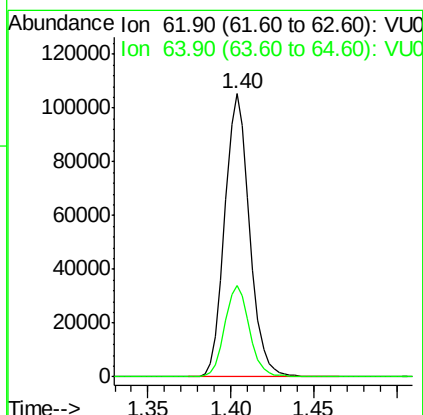
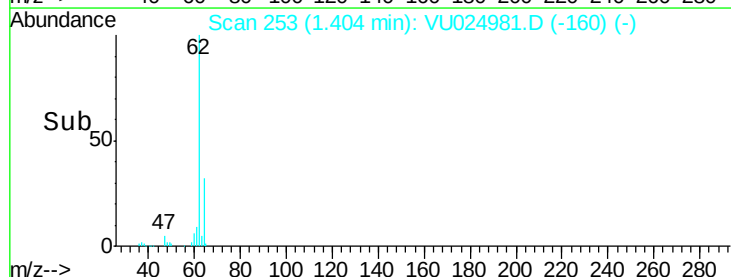
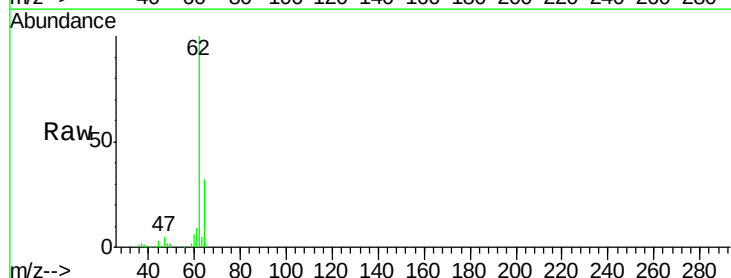
Acq: 27 Jun 2018 21:43

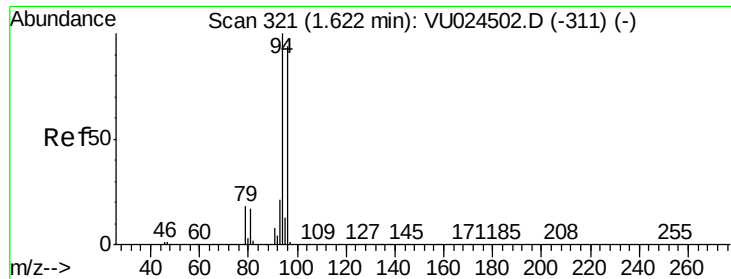
Tgt Ion: 62 Resp: 109450

Ion Ratio Lower Upper

62 100

64 32.2 24.8 37.2





#5

Bromomethane

Concen: 55.872 ug/l

RT: 1.61 min Scan# 318

Delta R.T. -0.01 min

Lab File: VU024981.D

Acq: 27 Jun 2018 21:43

Instrument :

MSVOA_U

ClientSampleId :

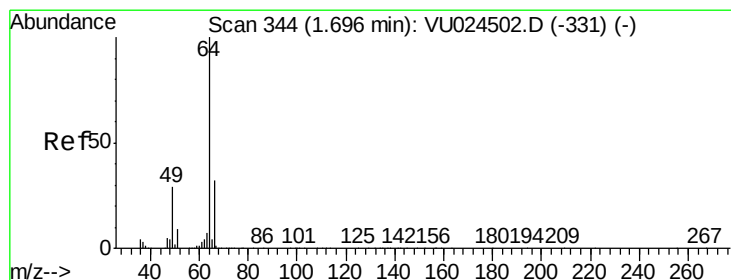
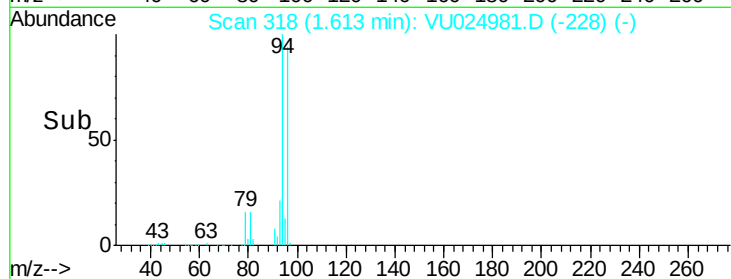
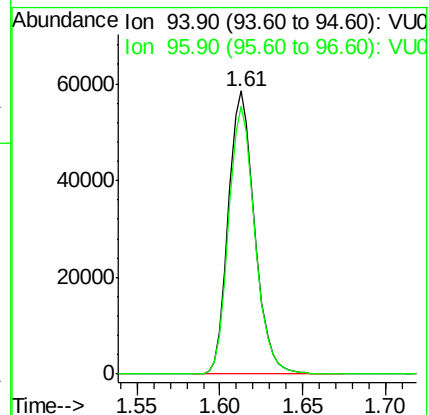
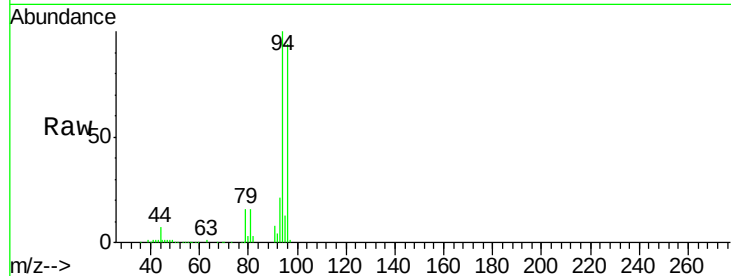
VSTDCCC050

Tgt Ion: 94 Resp: 64355

Ion Ratio Lower Upper

94 100

96 94.5 74.5 111.7



#6

Chloroethane

Concen: 53.728 ug/l

RT: 1.69 min Scan# 342

Delta R.T. -0.01 min

Lab File: VU024981.D

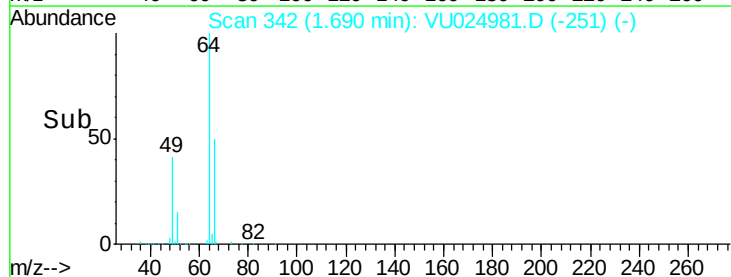
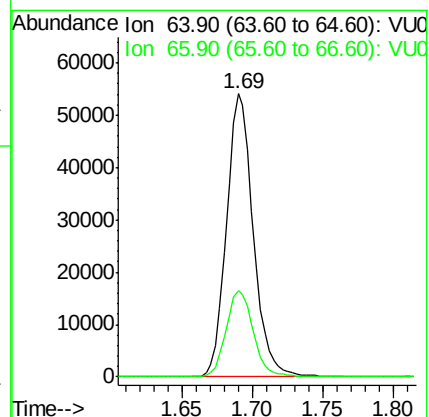
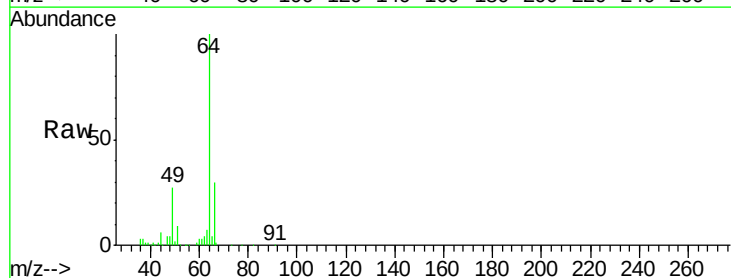
Acq: 27 Jun 2018 21:43

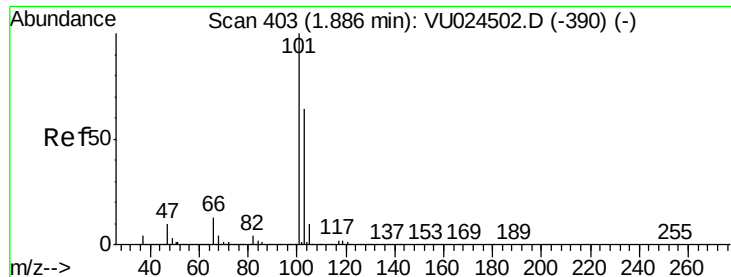
Tgt Ion: 64 Resp: 71430

Ion Ratio Lower Upper

64 100

66 30.3 25.5 38.3



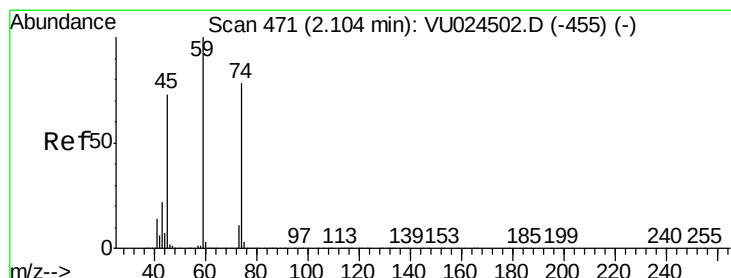
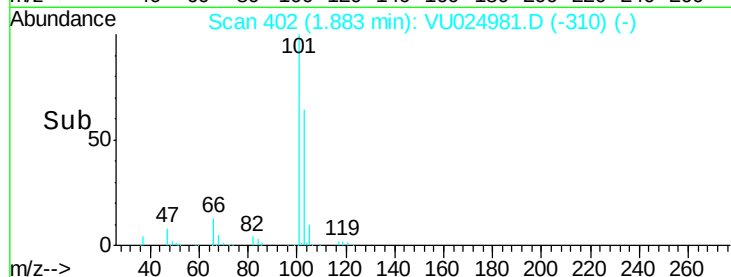
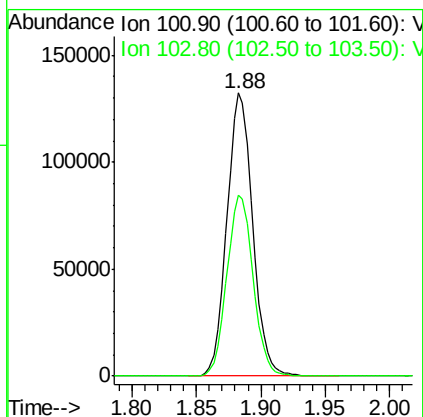
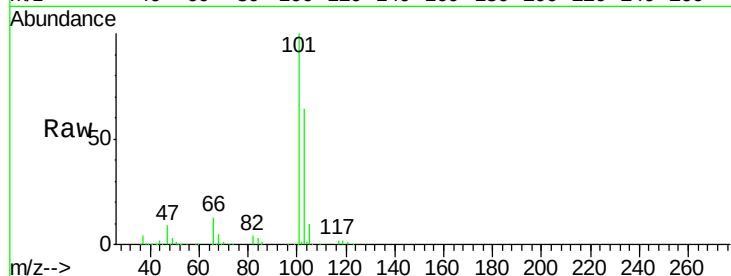


#7

Trichlorofluoromethane
Concen: 50.408 ug/l
RT: 1.88 min Scan# 402
Delta R.T. -0.00 min
Lab File: VU024981.D
Acq: 27 Jun 2018 21:43

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

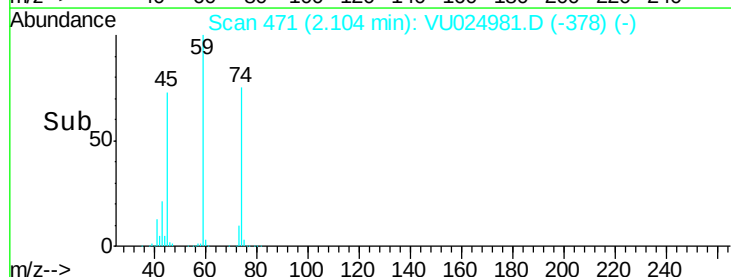
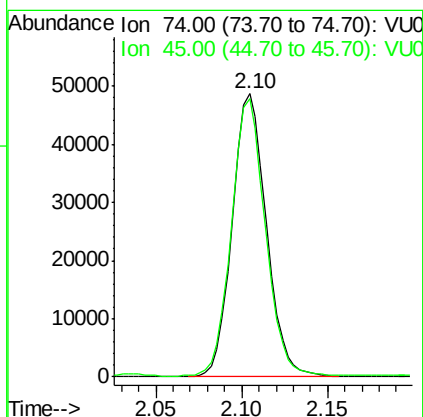
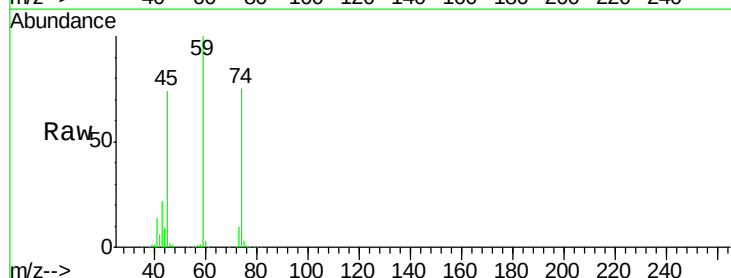
Tgt Ion:101 Resp: 183292
Ion Ratio Lower Upper
101 100
103 64.0 52.3 78.5

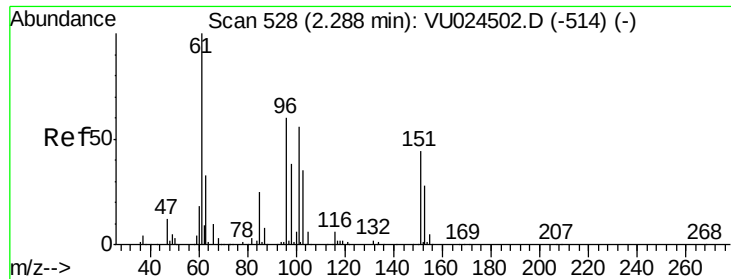


#8

Diethyl Ether
Concen: 54.857 ug/l
RT: 2.10 min Scan# 471
Delta R.T. 0.00 min
Lab File: VU024981.D
Acq: 27 Jun 2018 21:43

Tgt Ion: 74 Resp: 67657
Ion Ratio Lower Upper
74 100
45 97.3 55.0 165.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.103 ug/l

RT: 2.29 min Scan# 528

Delta R.T. 0.00 min

Lab File: VU024981.D

Acq: 27 Jun 2018 21:43

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

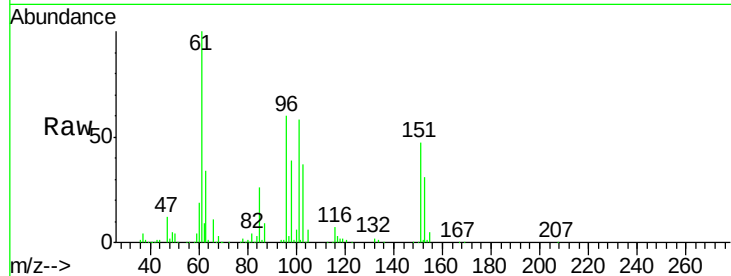
Tgt Ion:101 Resp: 106258

Ion Ratio Lower Upper

101 100

85 45.3 36.0 54.0

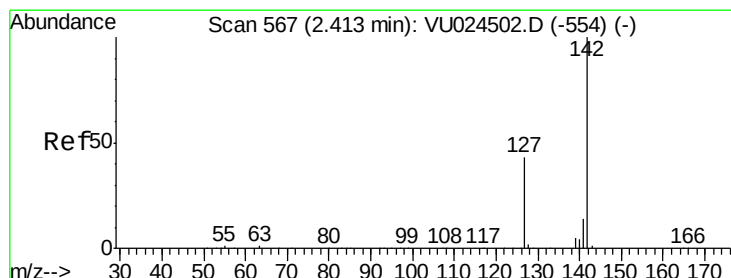
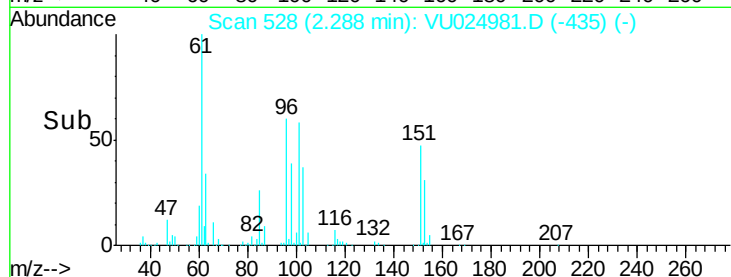
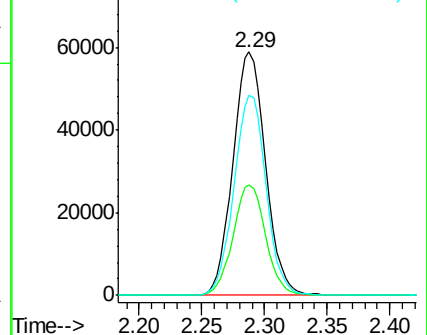
151 80.9 62.3 93.5



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VU0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 63.564 ug/l

RT: 2.41 min Scan# 567

Delta R.T. 0.00 min

Lab File: VU024981.D

Acq: 27 Jun 2018 21:43

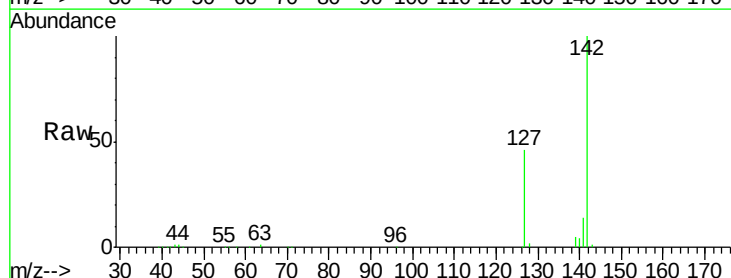
Tgt Ion:142 Resp: 124415

Ion Ratio Lower Upper

142 100

127 47.4 35.6 53.4

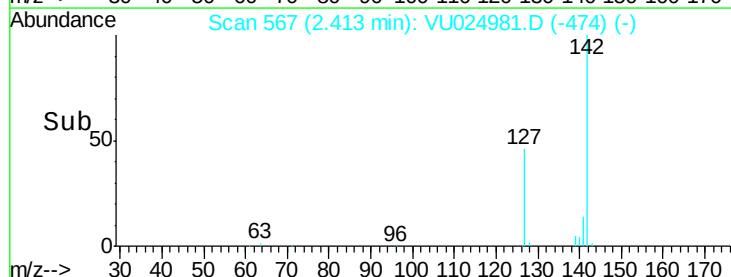
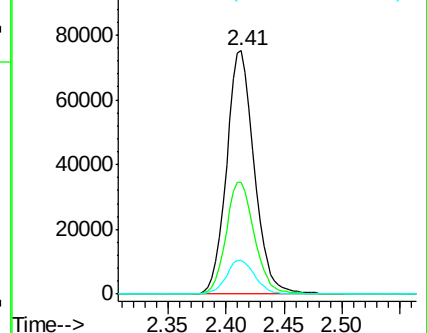
141 14.5 11.7 17.5

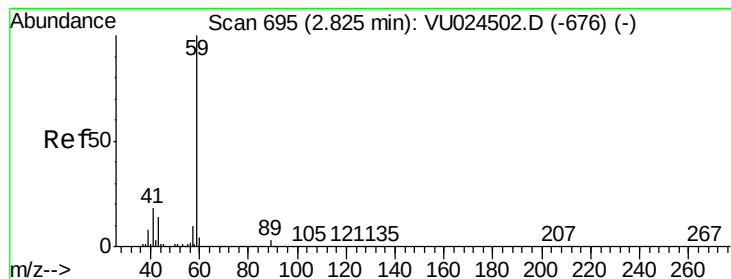


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



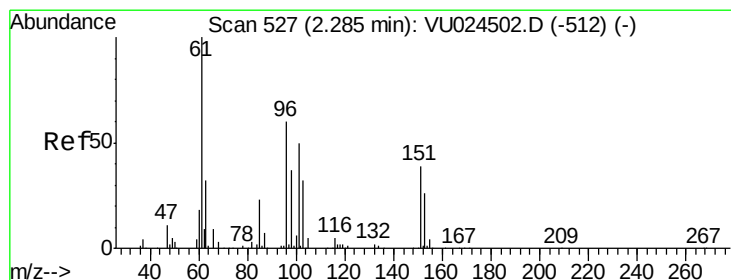
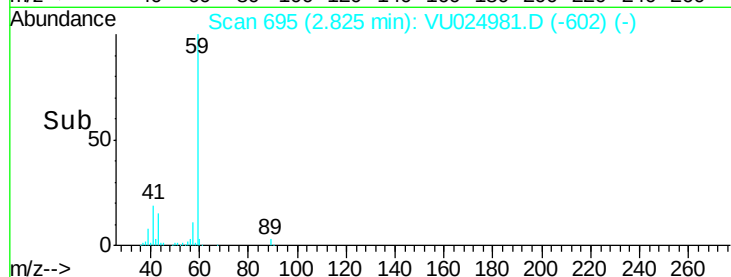
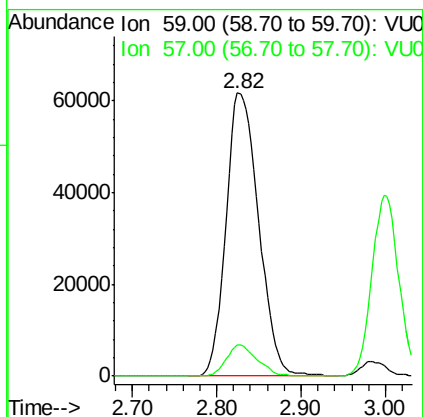
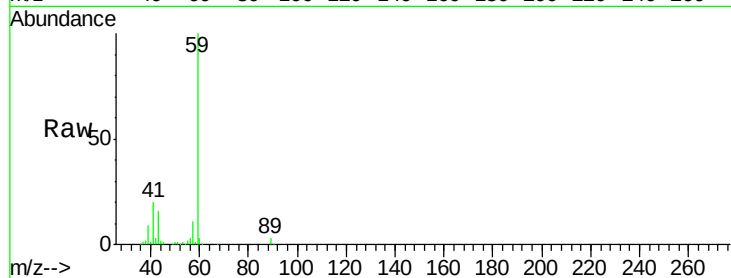


#11

Tert butyl alcohol
 Concen: 231.252 ug/l
 RT: 2.82 min Scan# 695
 Delta R.T. 0.00 min
 Lab File: VU024981.D
 Acq: 27 Jun 2018 21:43

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

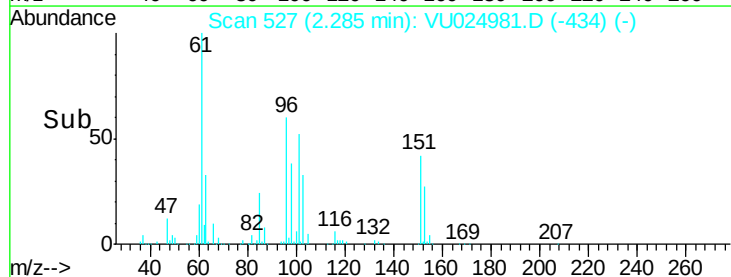
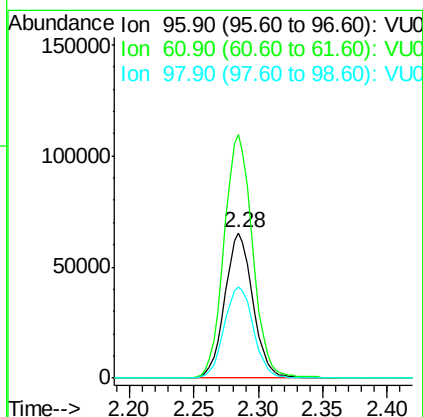
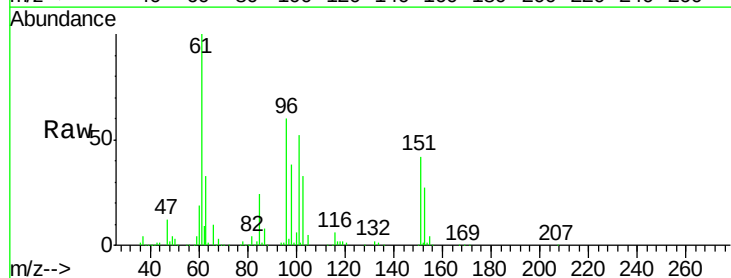
Tgt Ion: 59 Resp: 165888
 Ion Ratio Lower Upper
 59 100
 57 10.5 8.5 12.7

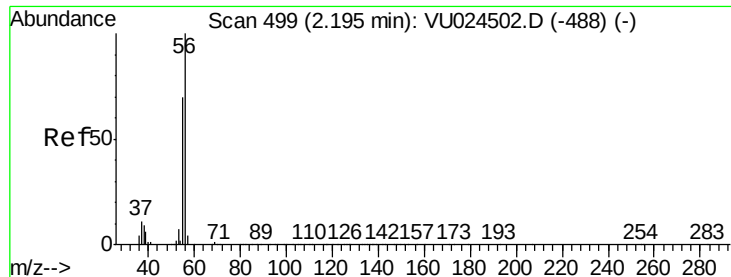


#12

1,1-Dichloroethene
 Concen: 48.081 ug/l
 RT: 2.28 min Scan# 527
 Delta R.T. 0.00 min
 Lab File: VU024981.D
 Acq: 27 Jun 2018 21:43

Tgt Ion: 96 Resp: 98914
 Ion Ratio Lower Upper
 96 100
 61 167.6 141.7 212.5
 98 63.2 51.6 77.4





#13

Acrolein

Concen: 98.347 ug/l

RT: 2.19 min Scan# 499

Delta R.T. 0.00 min

Lab File: VU024981.D

Acq: 27 Jun 2018 21:43

Instrument :

MSVOA_U

ClientSampleId :

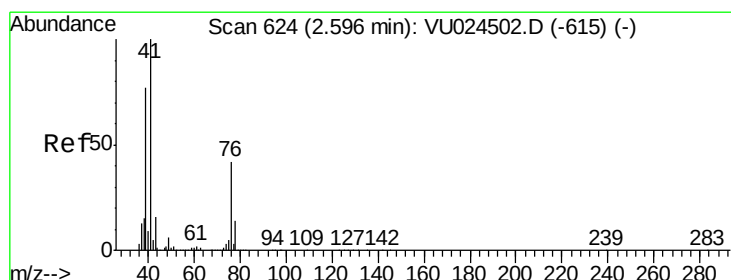
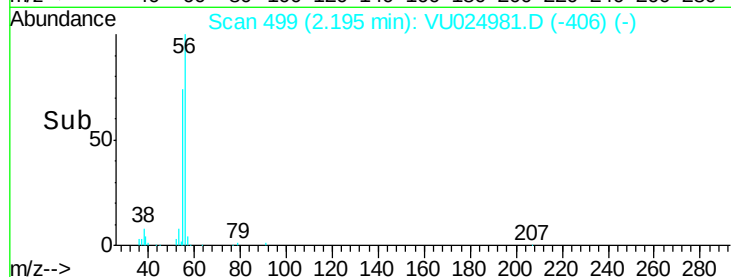
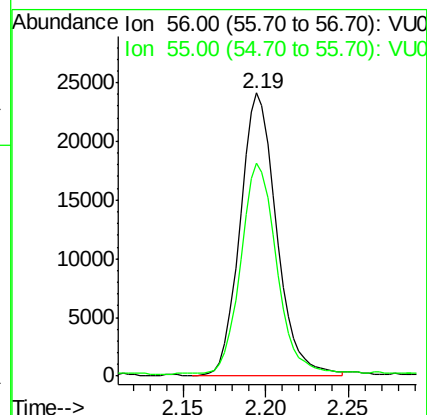
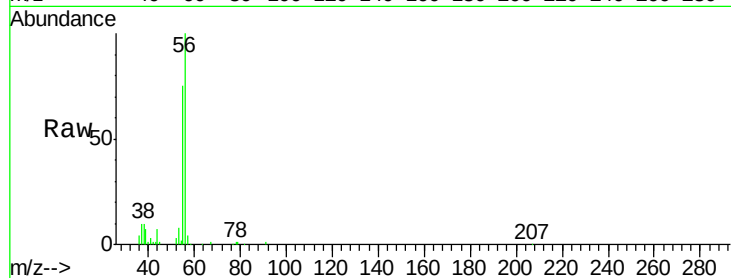
VSTDCCC050

Tgt Ion: 56 Resp: 37047

Ion Ratio Lower Upper

56 100

55 72.2 58.4 87.6



#14

Allyl chloride

Concen: 45.948 ug/l

RT: 2.59 min Scan# 623

Delta R.T. -0.00 min

Lab File: VU024981.D

Acq: 27 Jun 2018 21:43

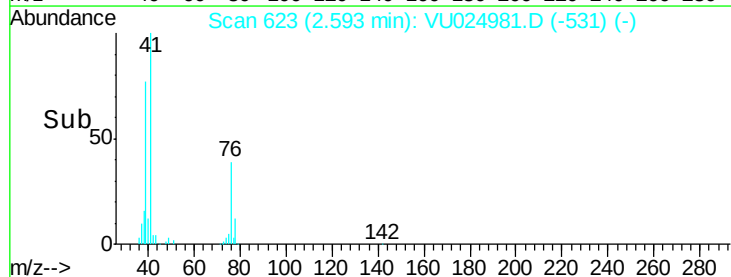
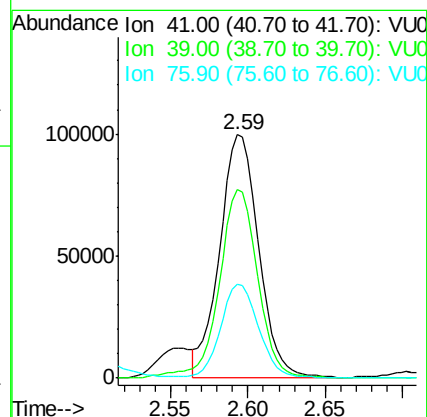
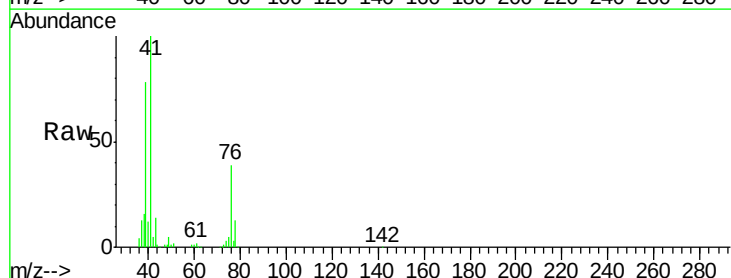
Tgt Ion: 41 Resp: 175509

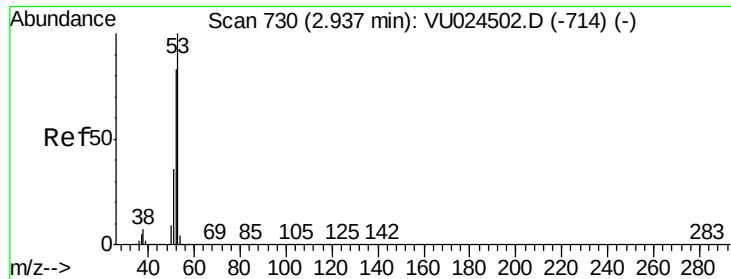
Ion Ratio Lower Upper

41 100

39 76.1 61.6 92.4

76 37.7 29.7 44.5





#15

Acrylonitrile

Concen: 245.067 ug/l

RT: 2.93 min Scan# 729

Delta R.T. -0.00 min

Lab File: VU024981.D

Acq: 27 Jun 2018 21:43

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

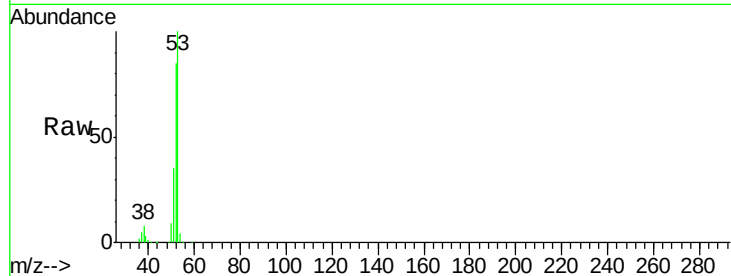
Tgt Ion: 53 Resp: 342036

Ion Ratio Lower Upper

53 100

52 83.4 67.1 100.7

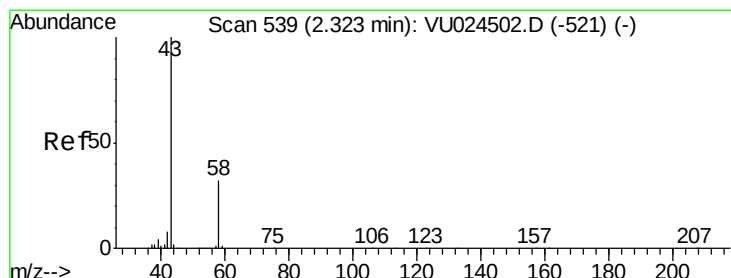
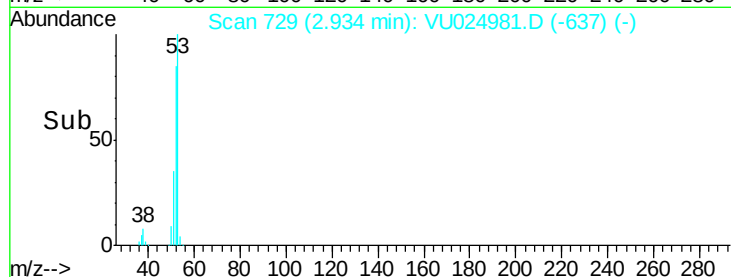
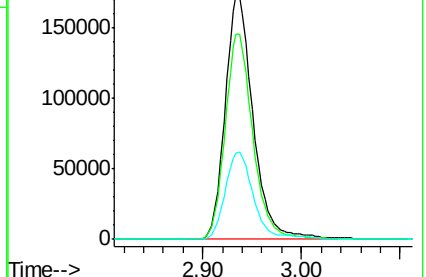
51 36.7 28.4 42.6



Abundance Ion 53.00 (52.70 to 53.70): VU024981.D (-637) (-)

Ion 52.00 (51.70 to 52.70): VU024981.D (-637) (-)

Ion 51.00 (50.70 to 51.70): VU024981.D (-637) (-)



#16

Acetone

Concen: 200.546 ug/l

RT: 2.32 min Scan# 538

Delta R.T. -0.00 min

Lab File: VU024981.D

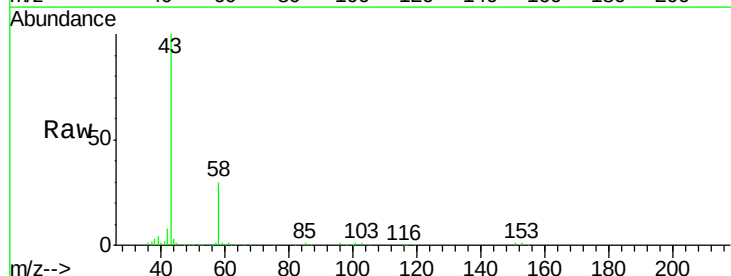
Acq: 27 Jun 2018 21:43

Tgt Ion: 43 Resp: 317819

Ion Ratio Lower Upper

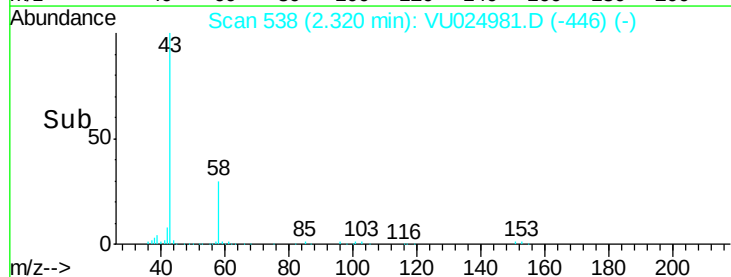
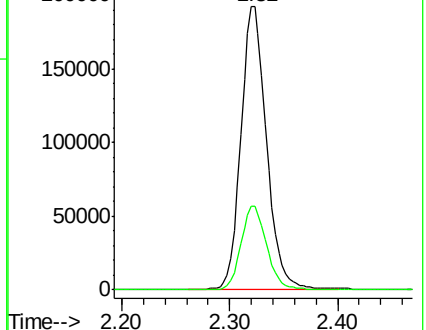
43 100

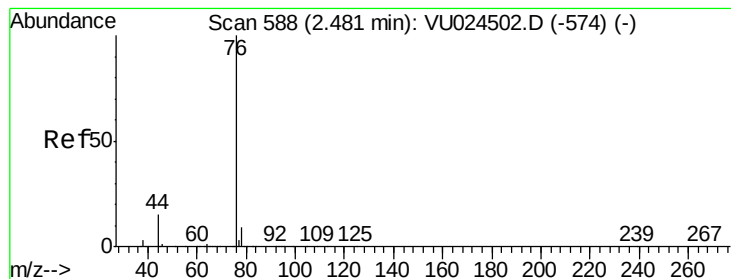
58 29.5 24.4 36.6



Abundance Ion 43.00 (42.70 to 43.70): VU024981.D (-446) (-)

Ion 58.00 (57.70 to 58.70): VU024981.D (-446) (-)





#17

Carbon Disulfide

Concen: 42.830 ug/l

RT: 2.48 min Scan# 587

Delta R.T. -0.00 min

Lab File: VU024981.D

Acq: 27 Jun 2018 21:43

Instrument :

MSVOA_U

ClientSampleId :

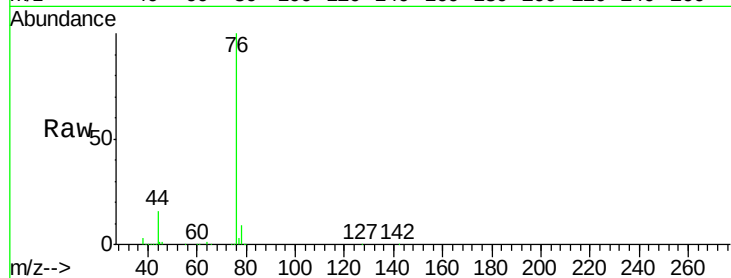
VSTDCCC050

Tgt Ion: 76 Resp: 282134

Ion Ratio Lower Upper

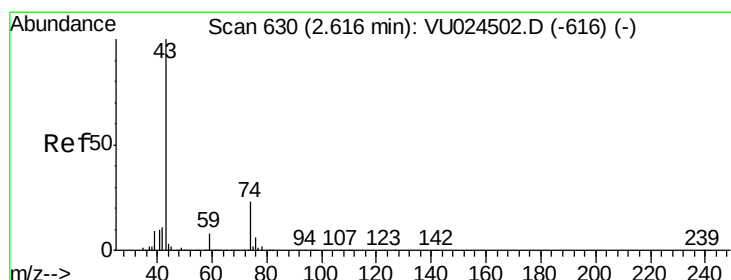
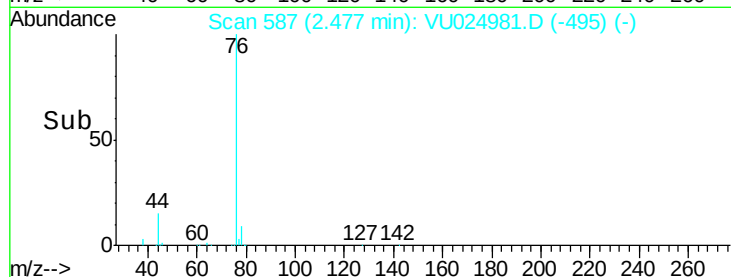
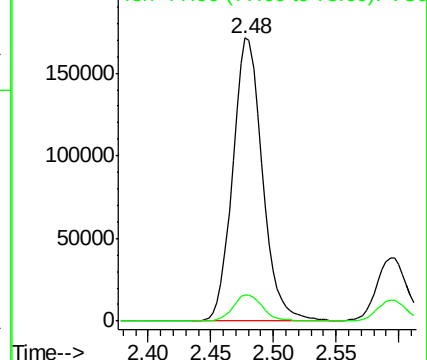
76 100

78 9.3 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VU0

Ion 77.90 (77.60 to 78.60): VU0



#18

Methyl Acetate

Concen: 58.207 ug/l

RT: 2.62 min Scan# 630

Delta R.T. 0.00 min

Lab File: VU024981.D

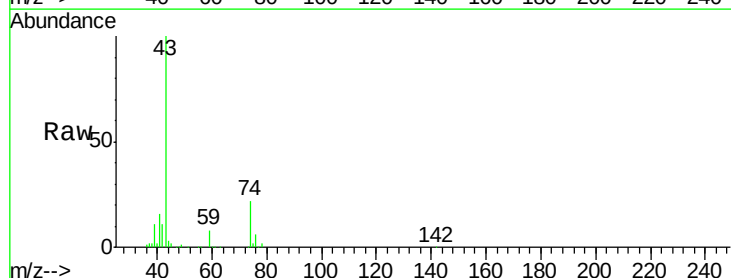
Acq: 27 Jun 2018 21:43

Tgt Ion: 43 Resp: 197752

Ion Ratio Lower Upper

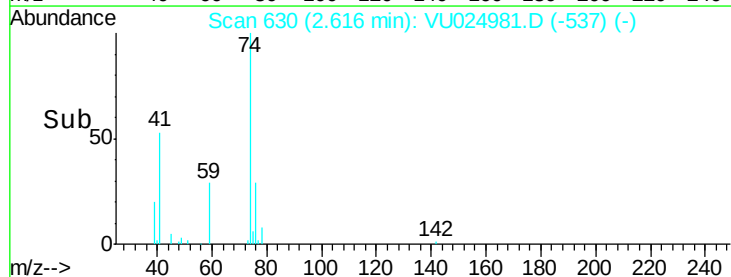
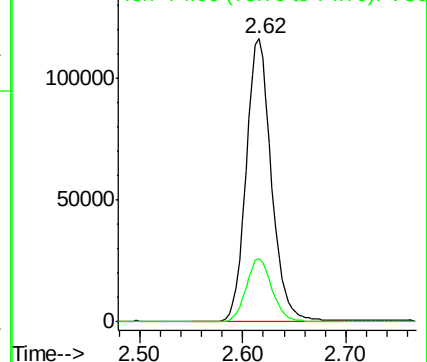
43 100

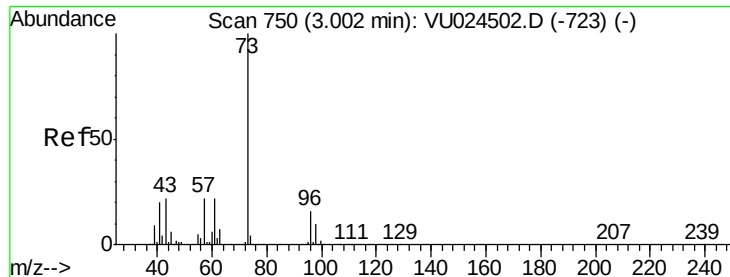
74 23.0 18.0 27.0



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 74.00 (73.70 to 74.70): VU0





#19

Methyl tert-butyl Ether

Concen: 51.304 ug/l

RT: 3.00 min Scan# 749

Delta R.T. -0.00 min

Lab File: VU024981.D

Acq: 27 Jun 2018 21:43

Instrument :

MSVOA_U

ClientSampleId :

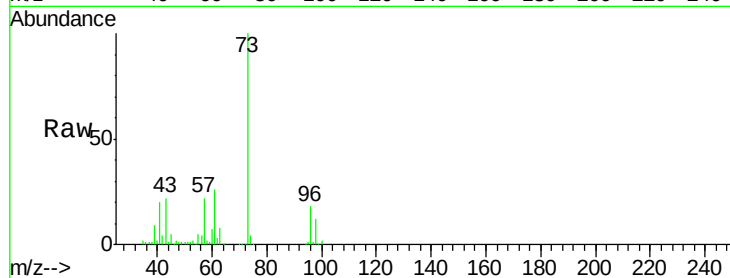
VSTDCCC050

Tgt Ion: 73 Resp: 396735

Ion Ratio Lower Upper

73 100

57 21.8 18.8 28.2



Abundance Ion 73.00 (72.70 to 73.70): VU024502.D (-723) (-)

Ion 57.00 (56.70 to 57.70): VU024502.D (-723) (-)

3.00

200000

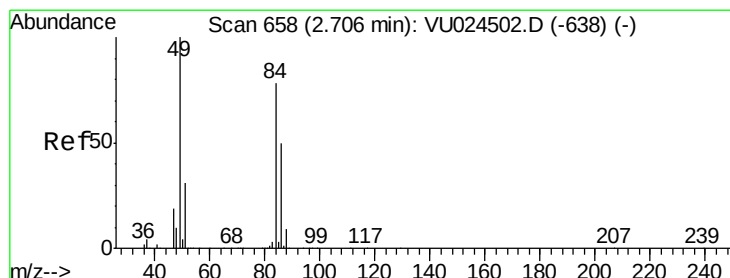
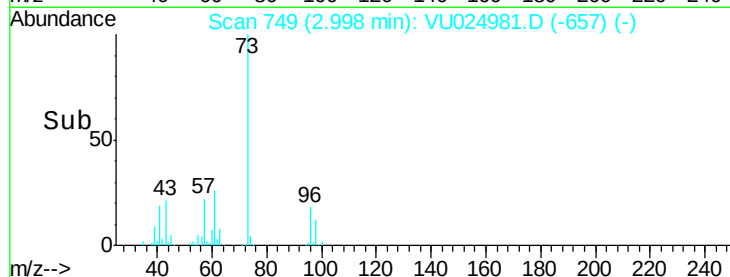
150000

100000

50000

0

Time-->



#20

Methylene Chloride

Concen: 48.090 ug/l

RT: 2.70 min Scan# 657

Delta R.T. -0.00 min

Lab File: VU024981.D

Acq: 27 Jun 2018 21:43

Tgt Ion: 84 Resp: 119582

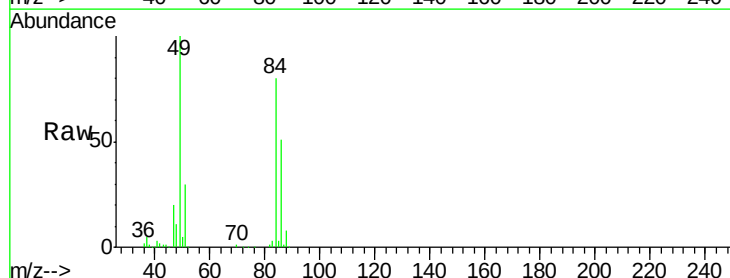
Ion Ratio Lower Upper

84 100

49 125.0 103.8 155.8

51 37.9 32.0 48.0

86 64.3 51.6 77.4



Abundance Ion 83.90 (83.60 to 84.60): VU024502.D (-638) (-)

Ion 48.90 (48.60 to 49.60): VU024502.D (-638) (-)

Ion 50.90 (50.60 to 51.60): VU024502.D (-638) (-)

Ion 85.90 (85.60 to 86.60): VU024502.D (-638) (-)

120000

100000

80000

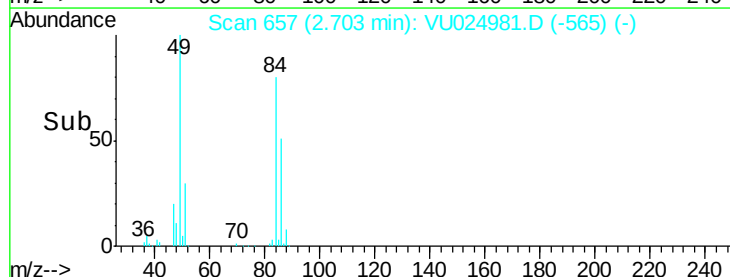
60000

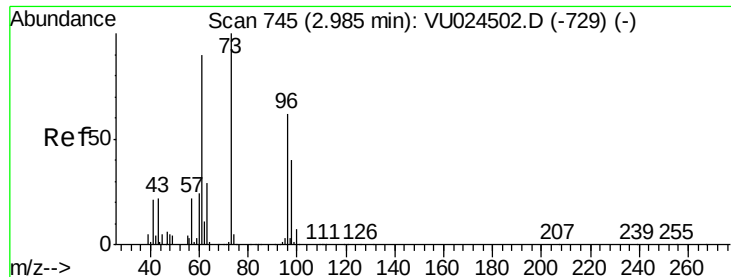
40000

20000

0

Time-->





#21

trans-1,2-Dichloroethene

Concen: 49.328 ug/l

RT: 2.99 min Scan# 745

Delta R.T. 0.00 min

Lab File: VU024981.D

Acq: 27 Jun 2018 21:43

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

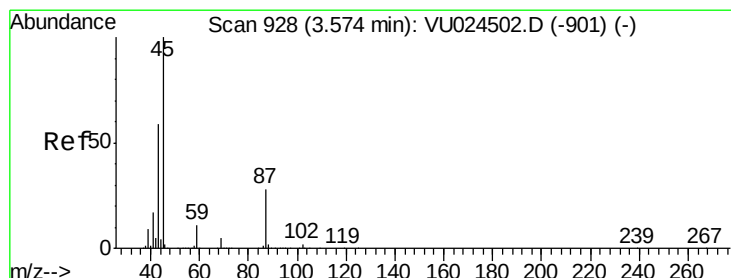
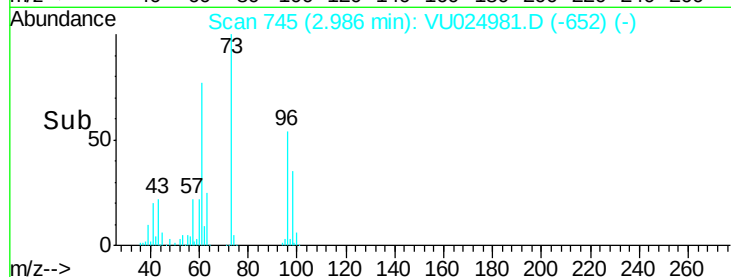
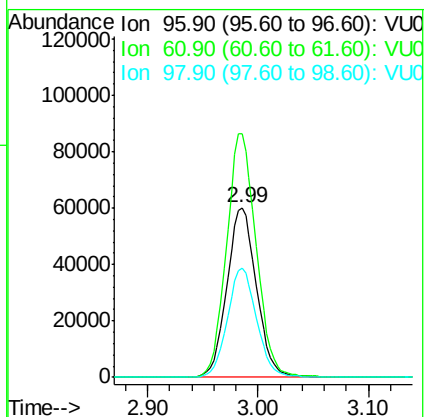
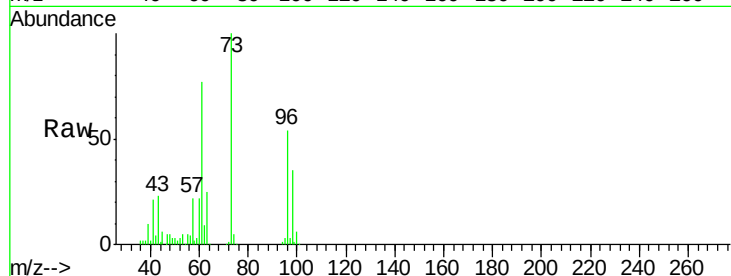
Tgt Ion: 96 Resp: 111768

Ion Ratio Lower Upper

96 100

61 143.3 119.4 179.0

98 64.5 51.1 76.7



#22

Diisopropyl ether

Concen: 50.459 ug/l

RT: 3.57 min Scan# 927

Delta R.T. -0.00 min

Lab File: VU024981.D

Acq: 27 Jun 2018 21:43

Tgt Ion: 45 Resp: 382071

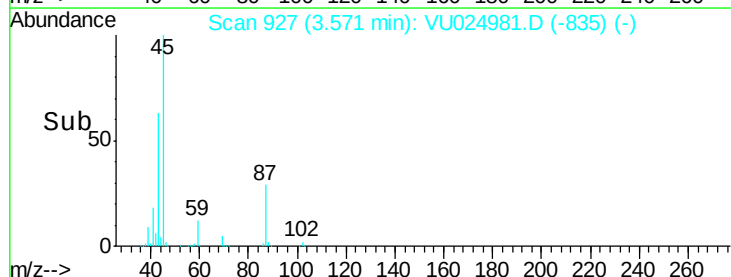
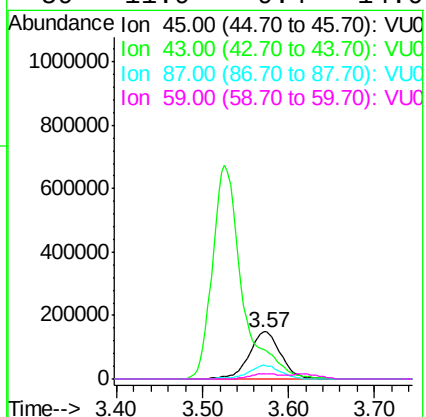
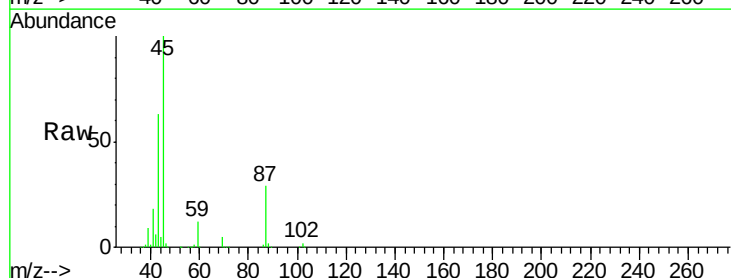
Ion Ratio Lower Upper

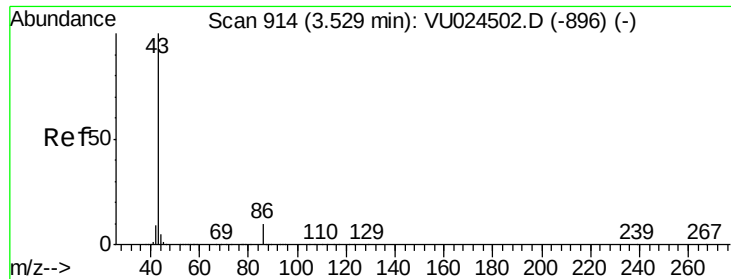
45 100

43 61.6 45.8 68.6

87 28.7 20.6 31.0

59 11.9 9.4 14.0

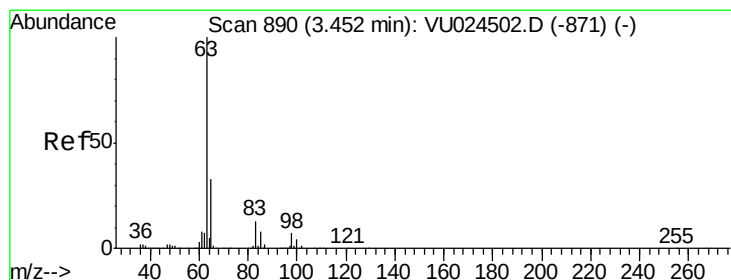
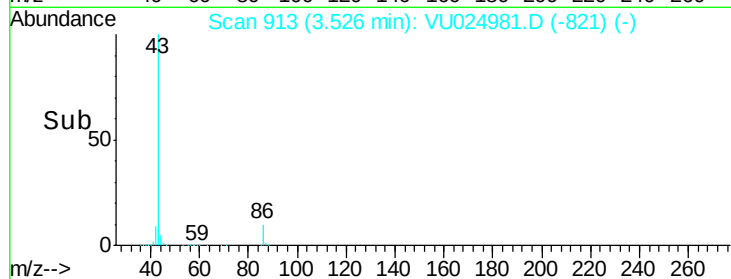
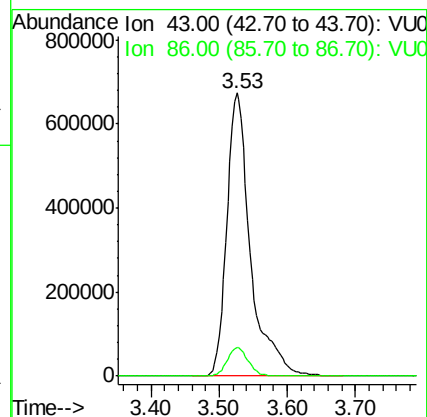
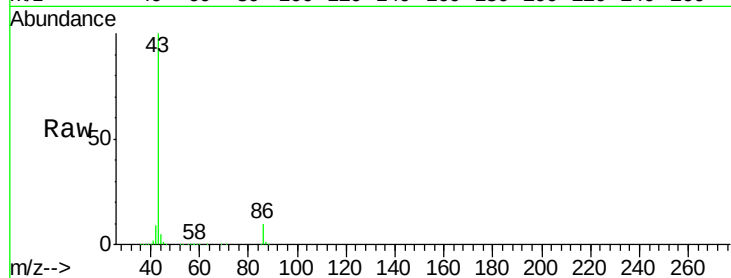




#23
 Vinyl Acetate
 Concen: 239.435 ug/l
 RT: 3.53 min Scan# 913
 Delta R.T. -0.00 min
 Lab File: VU024981.D
 Acq: 27 Jun 2018 21:43

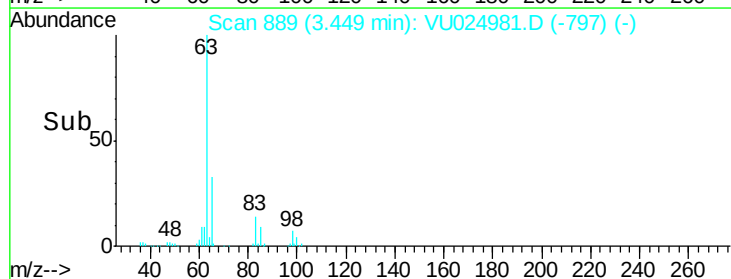
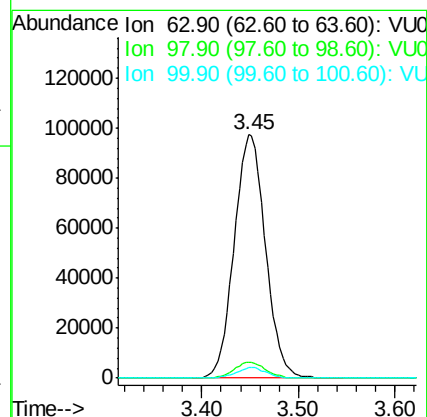
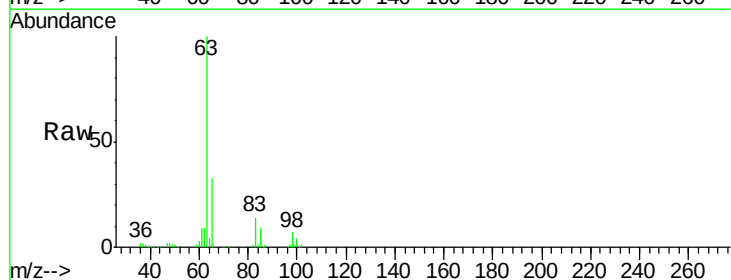
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

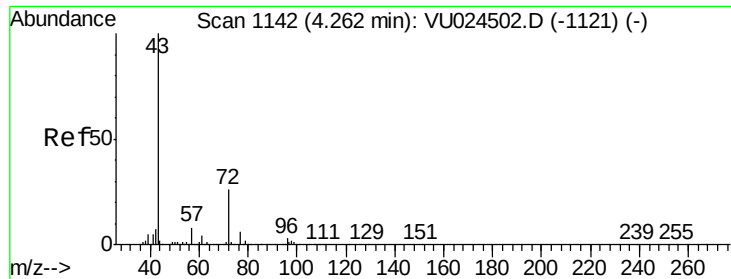
Tgt Ion: 43 Resp: 1624071
 Ion Ratio Lower Upper
 43 100
 86 10.3 7.8 11.8



#24
 1,1-Dichloroethane
 Concen: 50.152 ug/l
 RT: 3.45 min Scan# 889
 Delta R.T. -0.00 min
 Lab File: VU024981.D
 Acq: 27 Jun 2018 21:43

Tgt Ion: 63 Resp: 218461
 Ion Ratio Lower Upper
 63 100
 98 6.5 3.5 10.4
 100 4.3 1.8 5.5

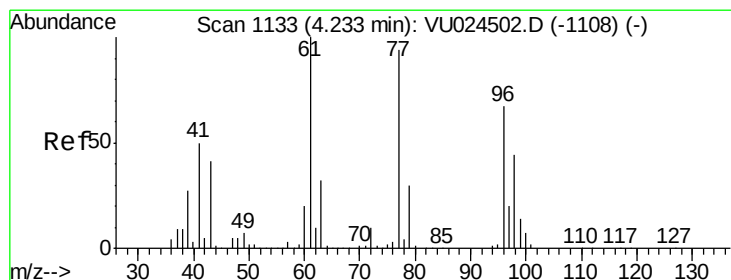
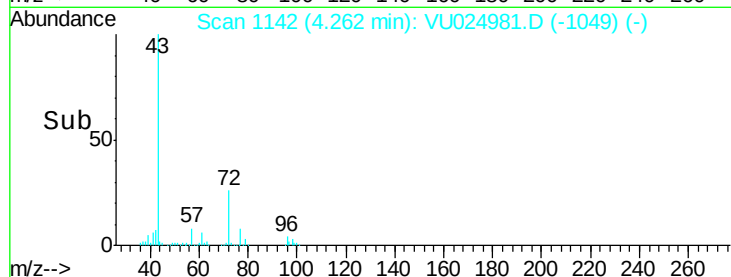
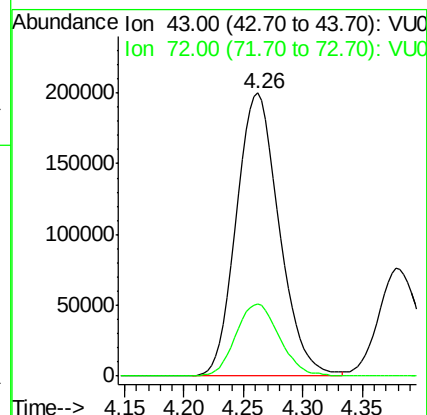
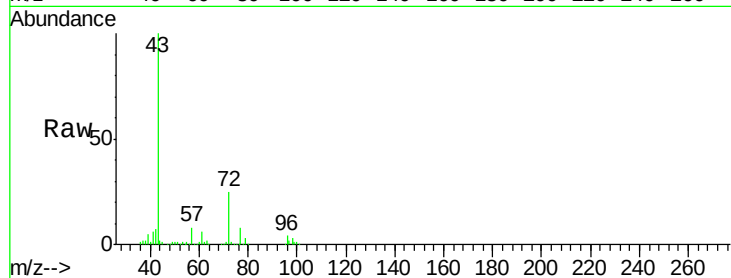




#25
2-Butanone
Concen: 233.415 ug/l
RT: 4.26 min Scan# 1142
Delta R.T. 0.00 min
Lab File: VU024981.D
Acq: 27 Jun 2018 21:43

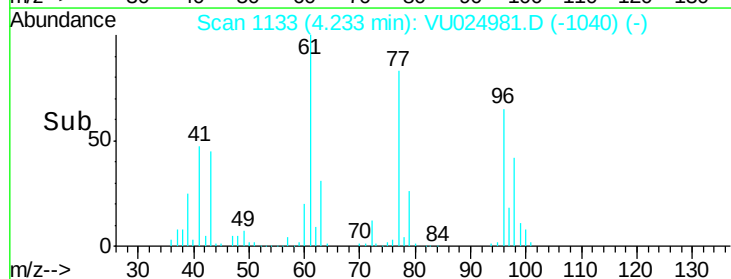
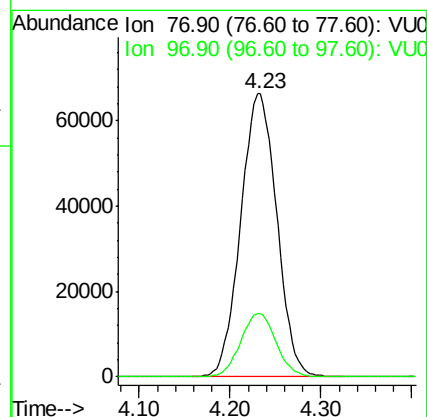
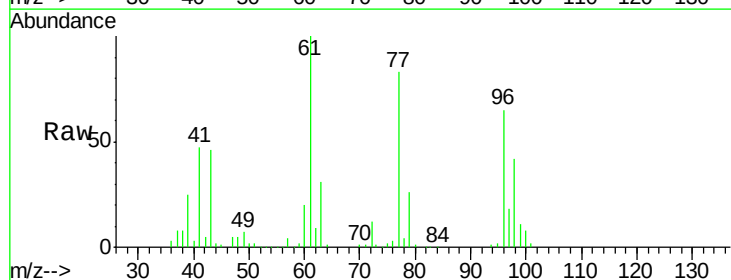
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

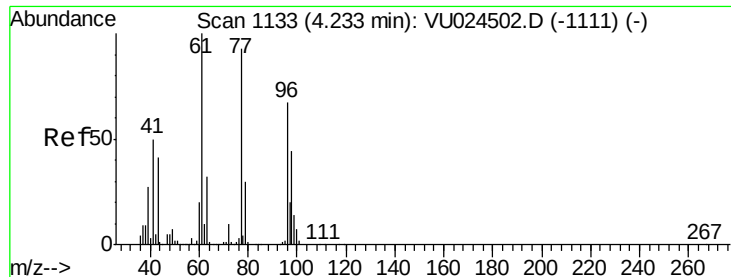
Tgt Ion: 43 Resp: 496870
Ion Ratio Lower Upper
43 100
72 25.4 19.6 29.4



#26
2,2-Dichloropropane
Concen: 44.221 ug/l
RT: 4.23 min Scan# 1133
Delta R.T. 0.00 min
Lab File: VU024981.D
Acq: 27 Jun 2018 21:43

Tgt Ion: 77 Resp: 182906
Ion Ratio Lower Upper
77 100
97 21.9 11.3 33.8





#27

cis-1,2-Dichloroethene

Concen: 49.715 ug/l

RT: 4.23 min Scan# 1132

Delta R.T. -0.00 min

Lab File: VU024981.D

Acq: 27 Jun 2018 21:43

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

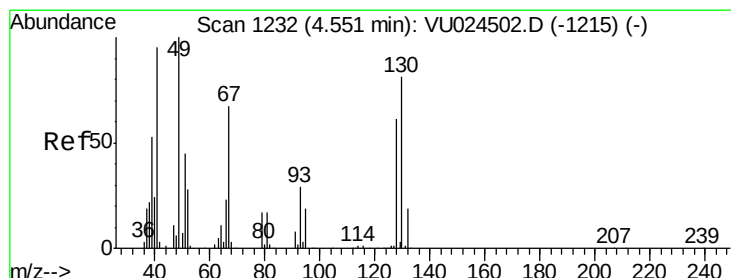
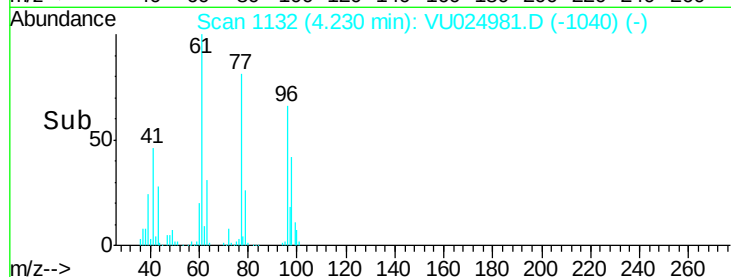
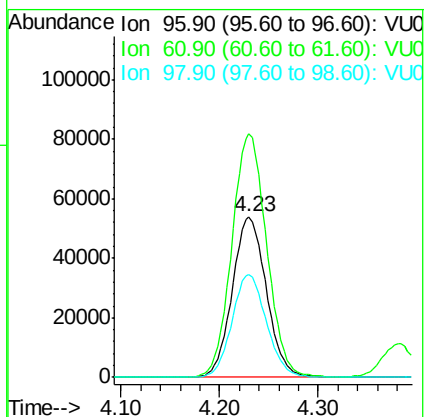
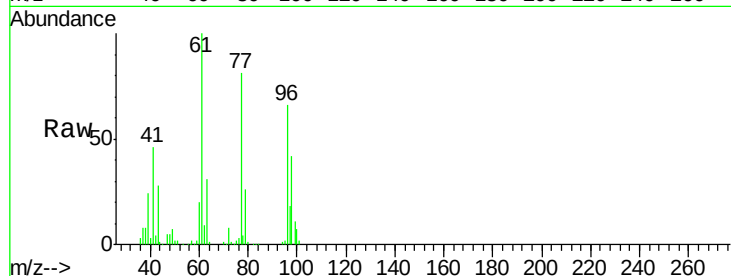
Tgt Ion: 96 Resp: 129503

Ion Ratio Lower Upper

96 100

61 154.9 0.0 306.6

98 65.0 0.0 128.8



#28

Bromochloromethane

Concen: 47.574 ug/l

RT: 4.55 min Scan# 1232

Delta R.T. 0.00 min

Lab File: VU024981.D

Acq: 27 Jun 2018 21:43

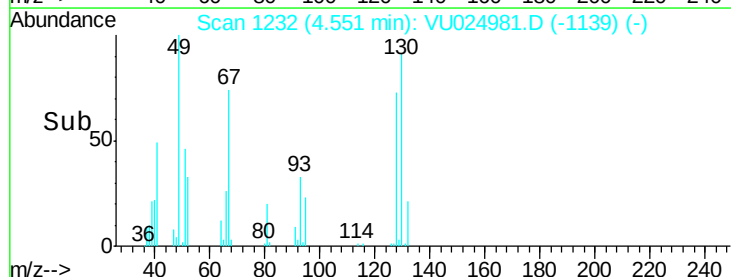
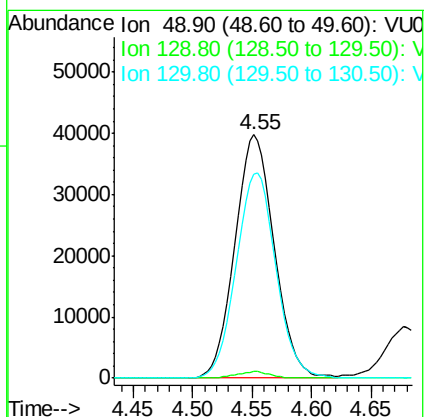
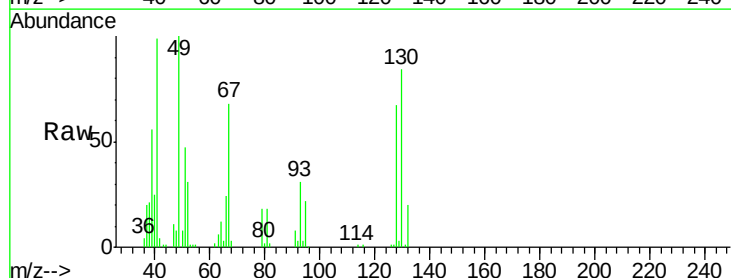
Tgt Ion: 49 Resp: 91278

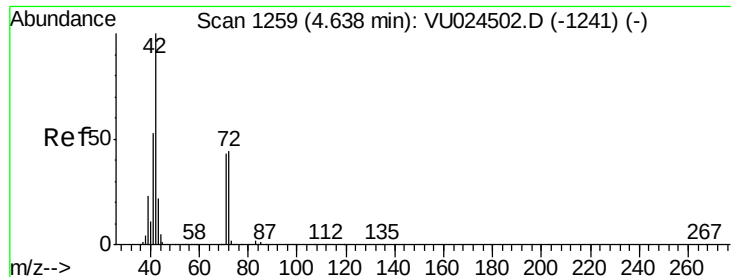
Ion Ratio Lower Upper

49 100

129 2.2 0.0 3.8

130 85.2 57.8 86.6





#29

Tetrahydrofuran

Concen: 243.329 ug/l

RT: 4.63 min Scan# 1258

Delta R.T. -0.00 min

Lab File: VU024981.D

Acq: 27 Jun 2018 21:43

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

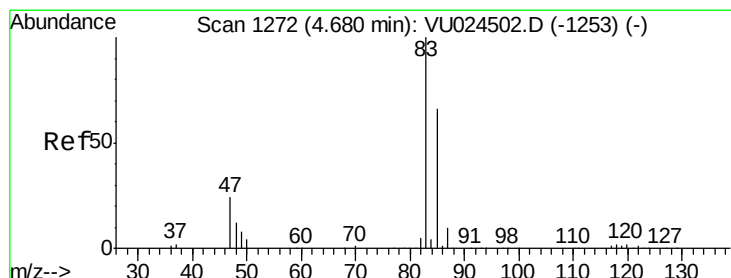
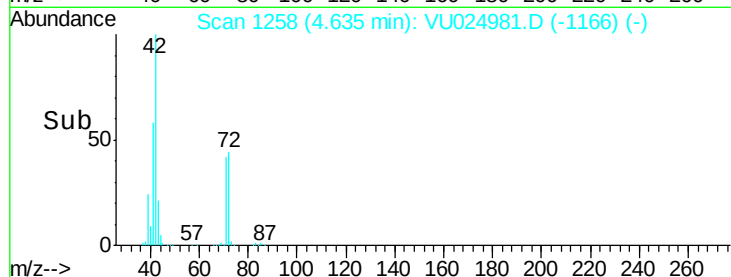
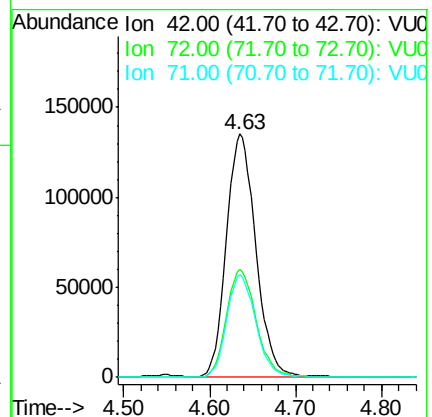
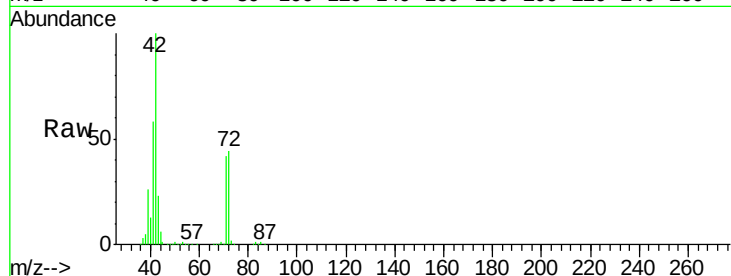
Tgt Ion: 42 Resp: 320765

Ion Ratio Lower Upper

42 100

72 45.1 34.5 51.7

71 41.5 32.2 48.4



#30

Chloroform

Concen: 52.532 ug/l

RT: 4.68 min Scan# 1271

Delta R.T. -0.00 min

Lab File: VU024981.D

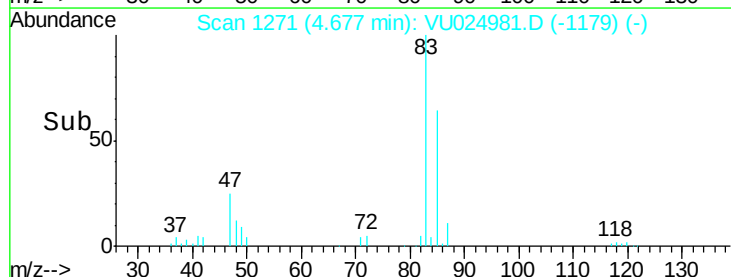
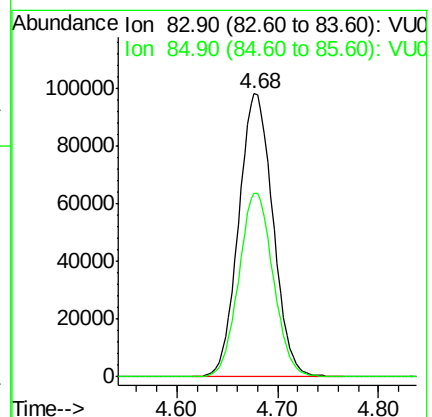
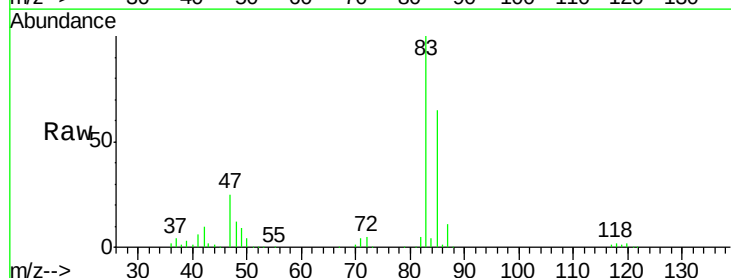
Acq: 27 Jun 2018 21:43

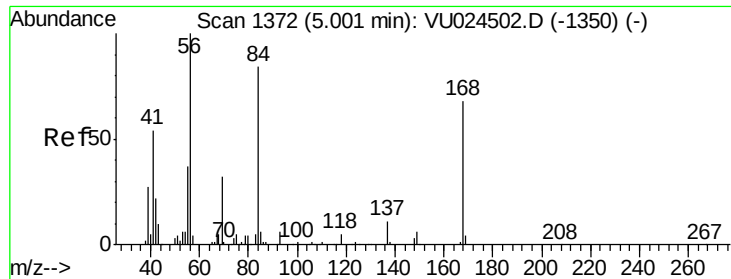
Tgt Ion: 83 Resp: 231611

Ion Ratio Lower Upper

83 100

85 64.9 52.4 78.6

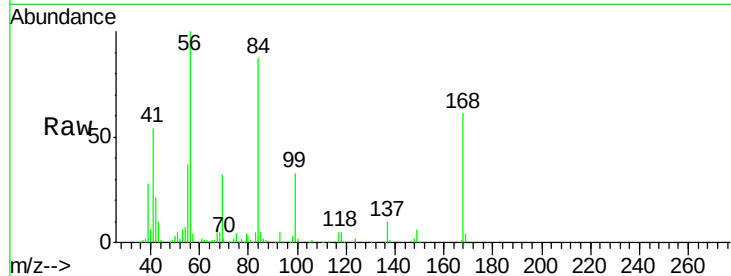




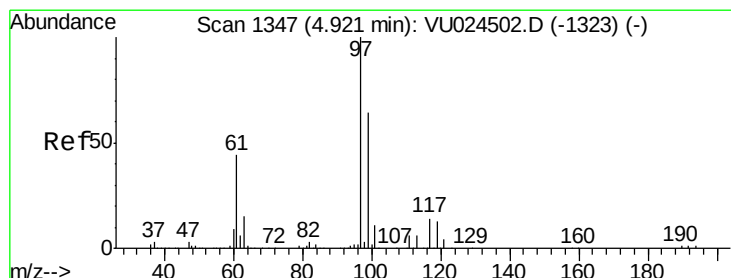
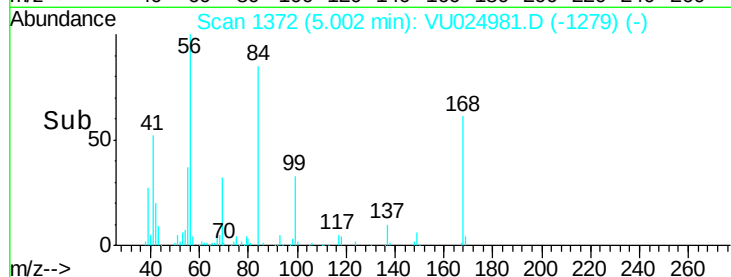
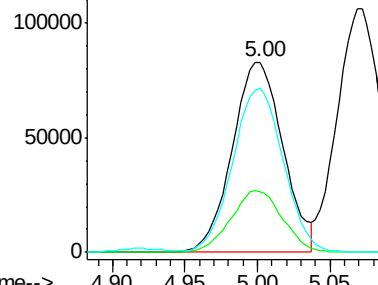
#31
Cyclohexane
Concen: 52.245 ug/l
RT: 5.00 min Scan# 1372
Delta R.T. 0.00 min
Lab File: VU024981.D
Acq: 27 Jun 2018 21:43

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tgt Ion: 56 Resp: 201754
Ion Ratio Lower Upper
56 100
69 32.0 24.8 37.2
84 85.1 65.2 97.8

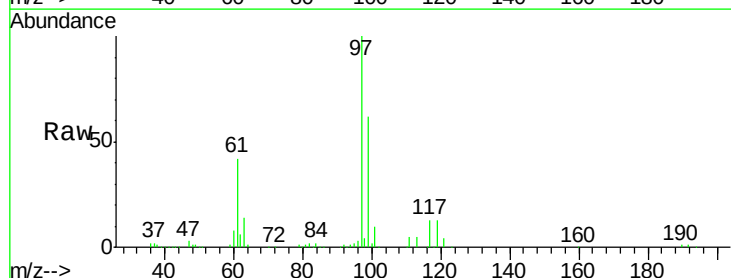


Abundance Ion 56.00 (55.70 to 56.70): VU0
Ion 69.00 (68.70 to 69.70): VU0
Ion 84.00 (83.70 to 84.70): VU0

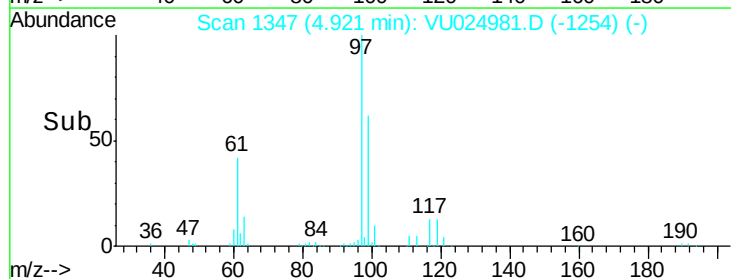
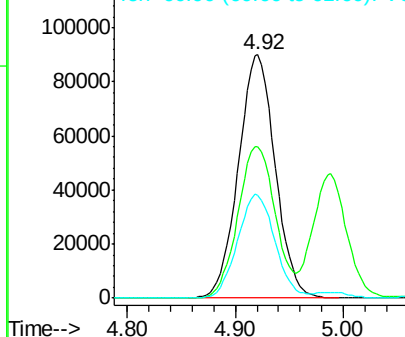


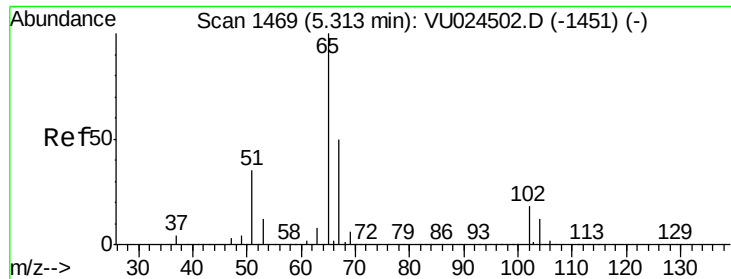
#32
1,1,1-Trichloroethane
Concen: 52.419 ug/l
RT: 4.92 min Scan# 1347
Delta R.T. 0.00 min
Lab File: VU024981.D
Acq: 27 Jun 2018 21:43

Tgt Ion: 97 Resp: 213715
Ion Ratio Lower Upper
97 100
99 63.9 51.0 76.6
61 43.5 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

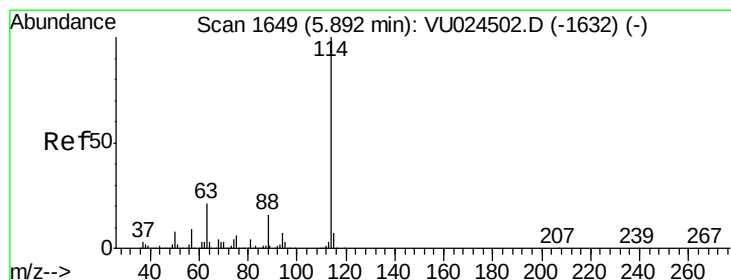
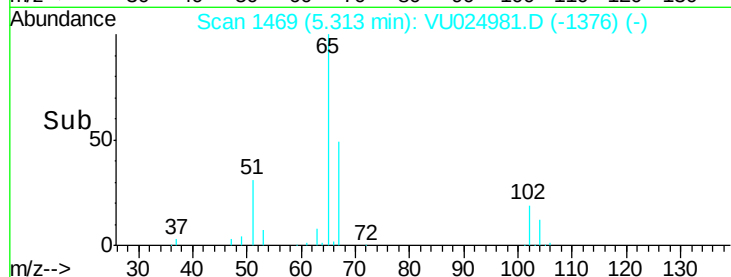
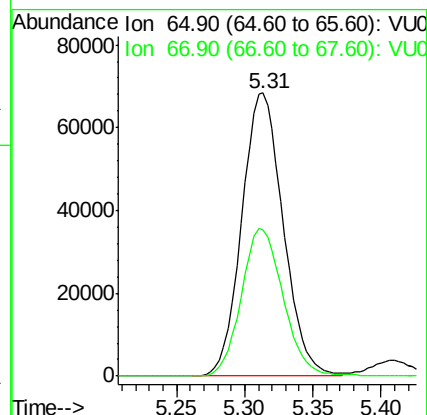
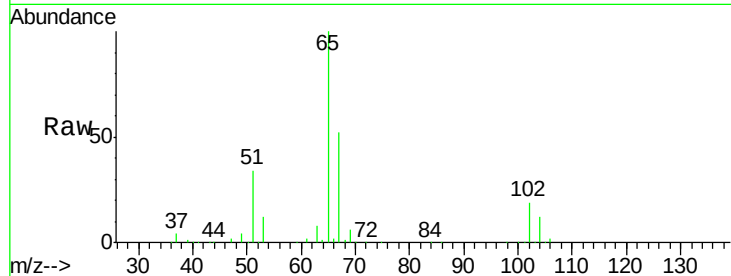




#33
 1,2-Dichloroethane-d4
 Concen: 48.877 ug/l
 RT: 5.31 min Scan# 1469
 Delta R.T. 0.00 min
 Lab File: VU024981.D
 Acq: 27 Jun 2018 21:43

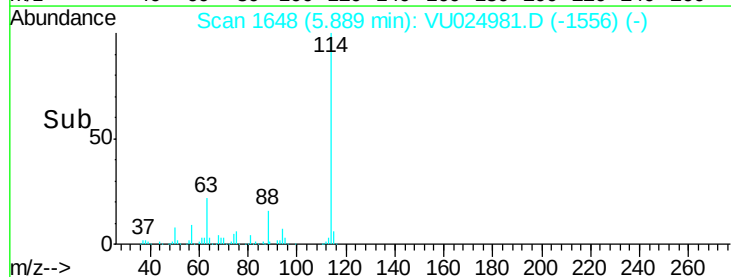
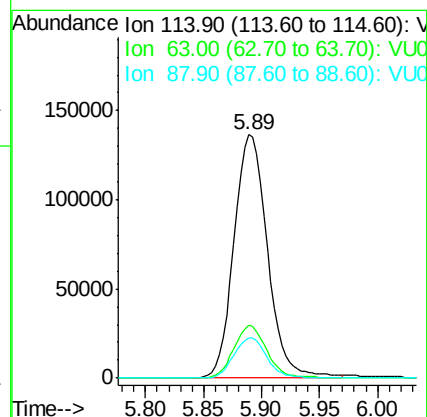
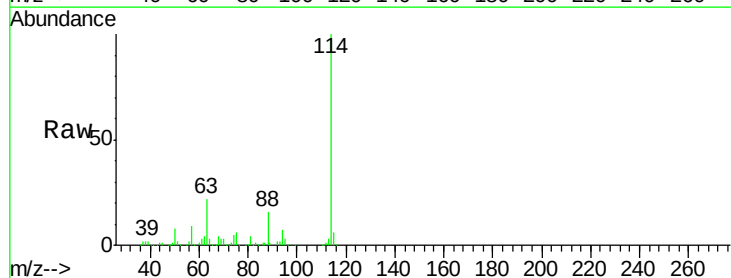
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

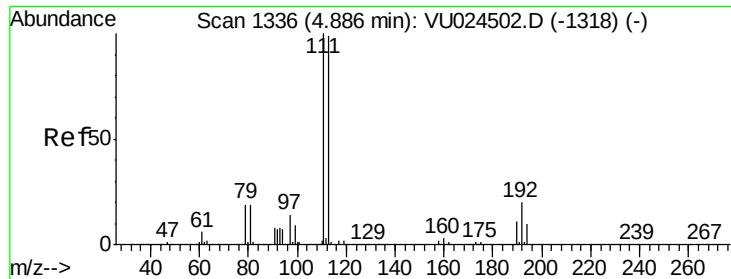
Tgt Ion: 65 Resp: 144162
 Ion Ratio Lower Upper
 65 100
 67 52.7 0.0 107.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1648
 Delta R.T. -0.00 min
 Lab File: VU024981.D
 Acq: 27 Jun 2018 21:43

Tgt Ion: 114 Resp: 274350
 Ion Ratio Lower Upper
 114 100
 63 21.7 0.0 45.4
 88 16.2 0.0 31.0

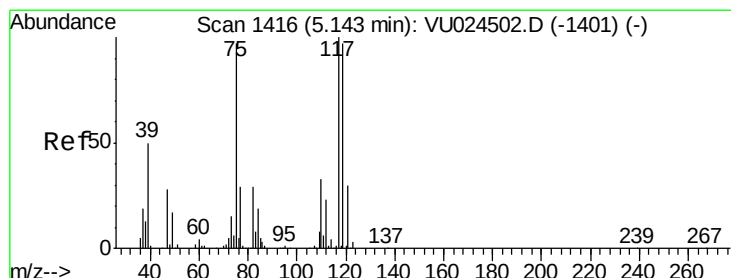
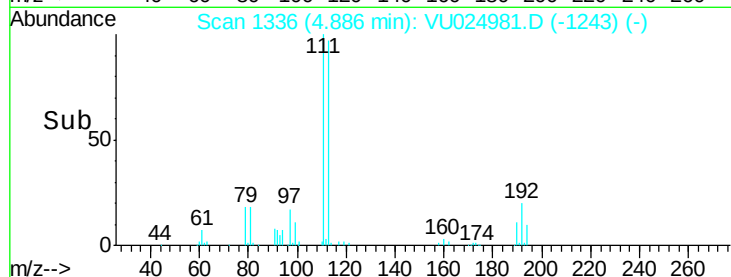
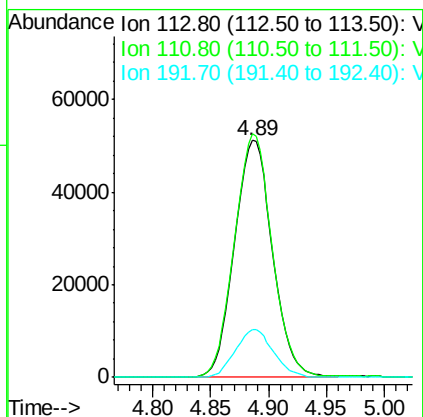
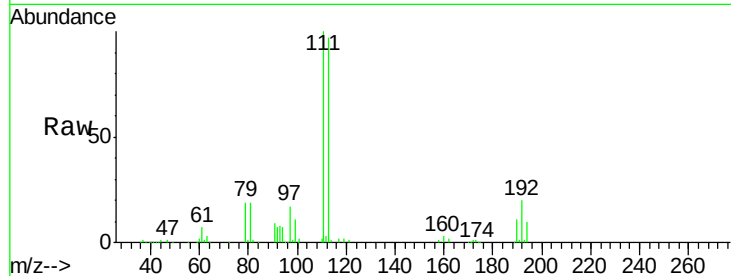




#35
 Dibromofluoromethane
 Concen: 51.192 ug/l
 RT: 4.89 min Scan# 1336
 Delta R.T. 0.00 min
 Lab File: VU024981.D
 Acq: 27 Jun 2018 21:43

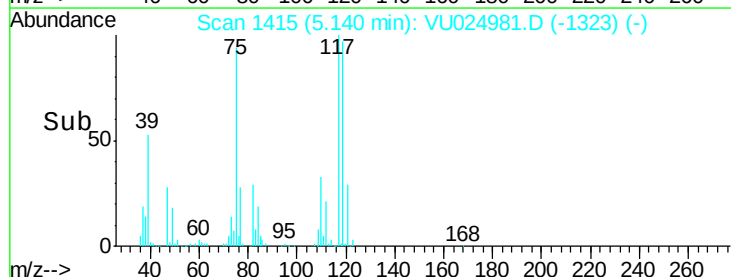
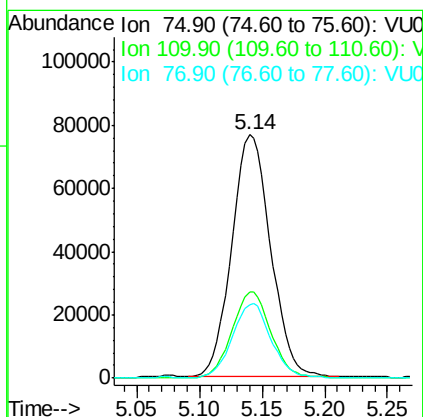
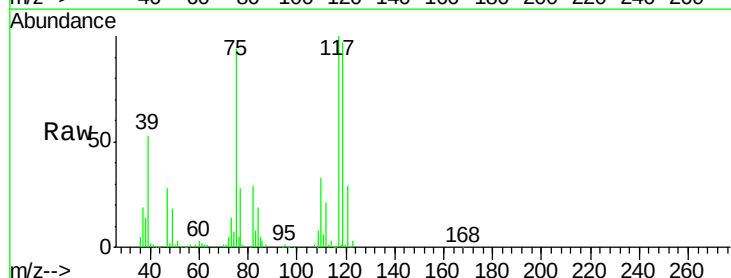
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

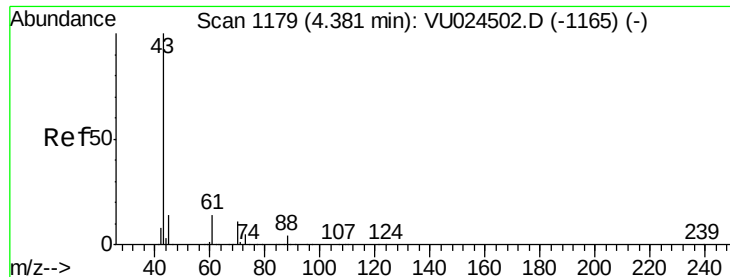
Tgt Ion: 113 Resp: 116559
 Ion Ratio Lower Upper
 113 100
 111 101.8 82.2 123.4
 192 20.3 16.2 24.4



#36
 1,1-Dichloropropene
 Concen: 51.188 ug/l
 RT: 5.14 min Scan# 1415
 Delta R.T. -0.00 min
 Lab File: VU024981.D
 Acq: 27 Jun 2018 21:43

Tgt Ion: 75 Resp: 165020
 Ion Ratio Lower Upper
 75 100
 110 35.7 17.0 50.9
 77 30.4 24.2 36.4

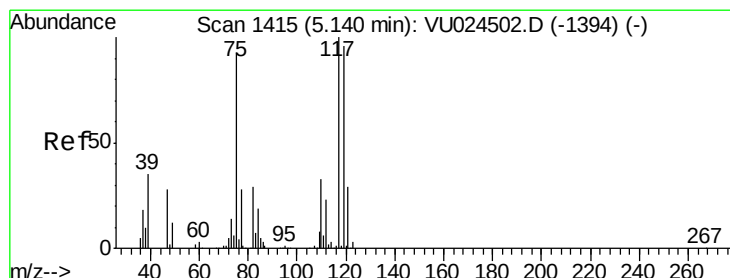
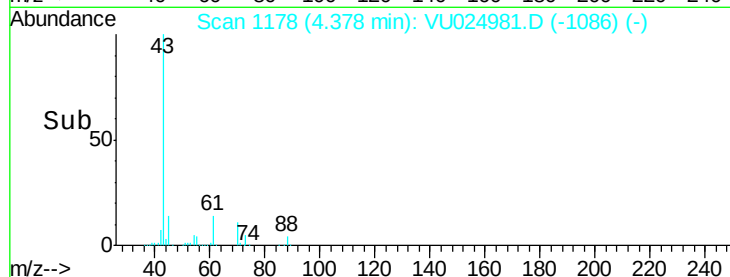
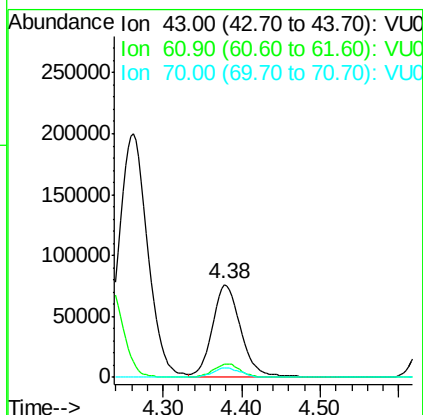
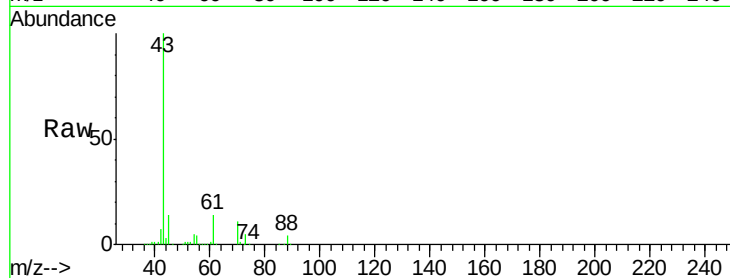




#37
 Ethyl Acetate
 Concen: 53.274 ug/l
 RT: 4.38 min Scan# 1178
 Delta R.T. -0.00 min
 Lab File: VU024981.D
 Acq: 27 Jun 2018 21:43

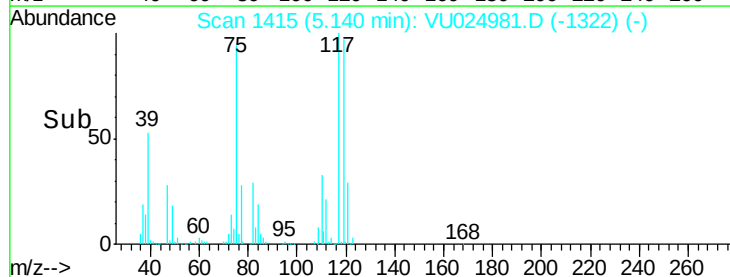
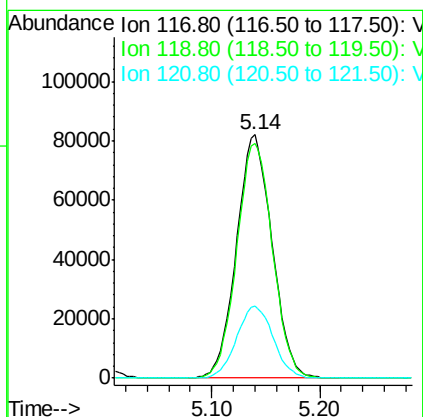
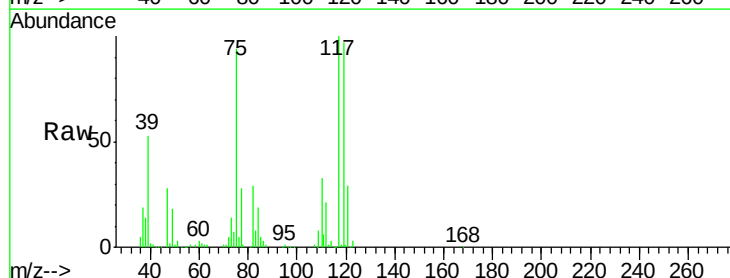
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

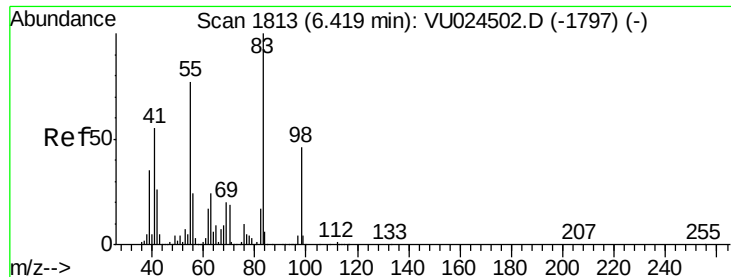
Tgt Ion: 43 Resp: 187190
 Ion Ratio Lower Upper
 43 100
 61 13.8 10.5 15.7
 70 10.3 7.4 11.2



#38
 Carbon Tetrachloride
 Concen: 53.140 ug/l
 RT: 5.14 min Scan# 1415
 Delta R.T. 0.00 min
 Lab File: VU024981.D
 Acq: 27 Jun 2018 21:43

Tgt Ion: 117 Resp: 188389
 Ion Ratio Lower Upper
 117 100
 119 96.6 76.1 114.1
 121 29.5 23.7 35.5

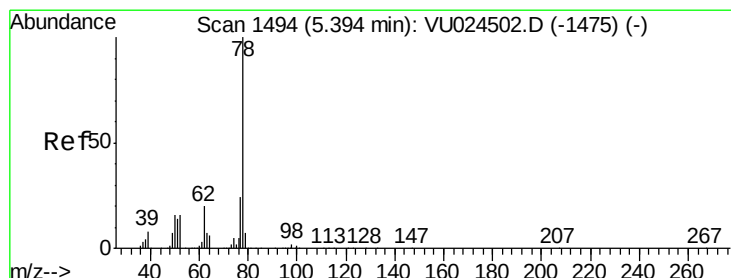
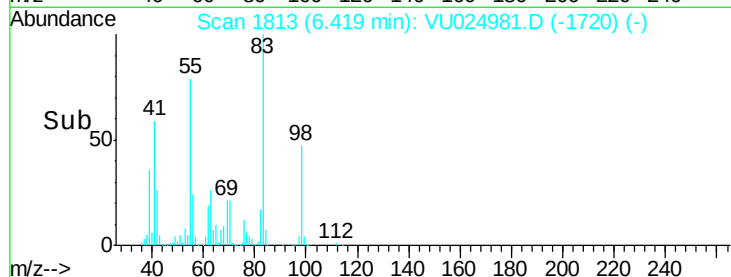
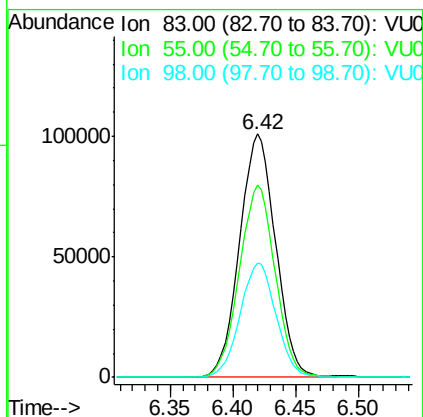
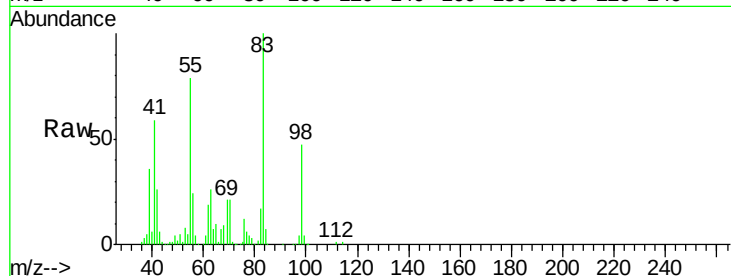




#39
Methylcyclohexane
Concen: 50.286 ug/l
RT: 6.42 min Scan# 1813
Delta R.T. 0.00 min
Lab File: VU024981.D
Acq: 27 Jun 2018 21:43

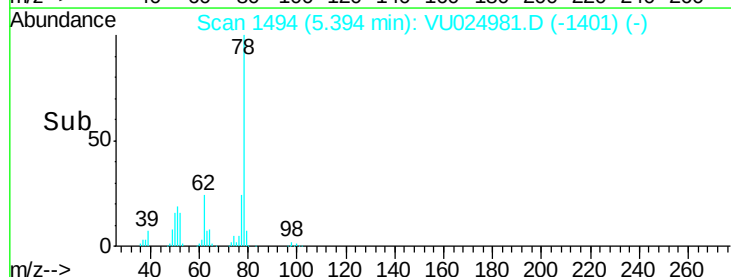
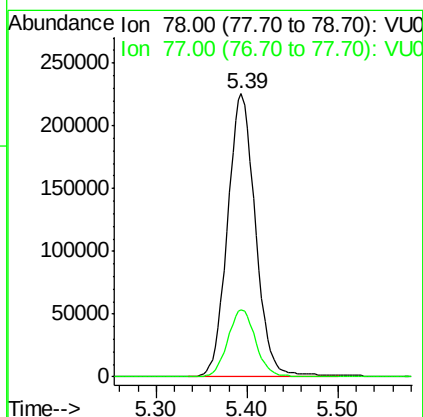
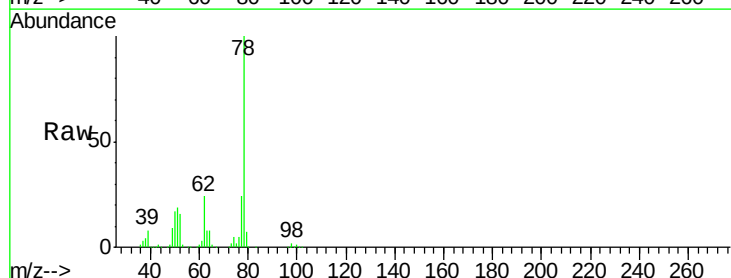
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

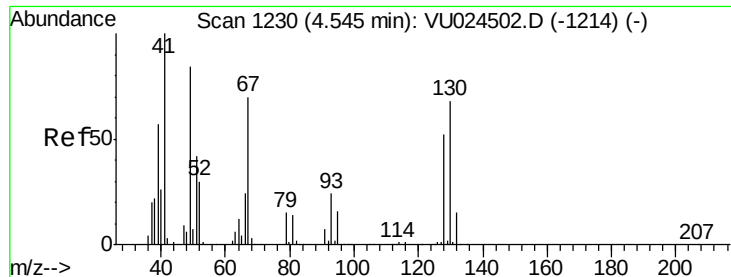
Tgt Ion: 83 Resp: 202303
Ion Ratio Lower Upper
83 100
55 78.9 65.8 98.6
98 46.9 36.7 55.1



#40
Benzene
Concen: 52.386 ug/l
RT: 5.39 min Scan# 1494
Delta R.T. 0.00 min
Lab File: VU024981.D
Acq: 27 Jun 2018 21:43

Tgt Ion: 78 Resp: 481228
Ion Ratio Lower Upper
78 100
77 23.6 19.2 28.8





#41

Methacrylonitrile

Concen: 54.964 ug/l

RT: 4.54 min Scan# 1230

Delta R.T. 0.00 min

Lab File: VU024981.D

Acq: 27 Jun 2018 21:43

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

Tgt Ion: 41 Resp: 104128

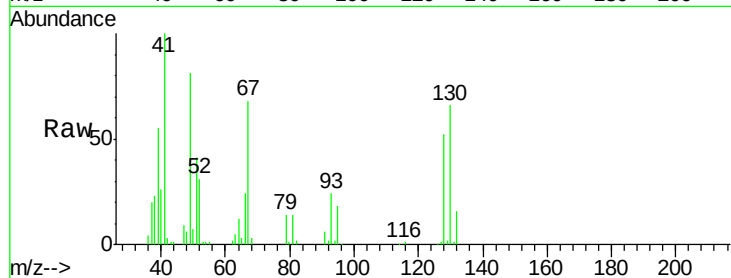
Ion Ratio Lower Upper

41 100

39 56.5 43.8 65.6

67 69.3 56.3 84.5

52 30.7 23.2 34.8

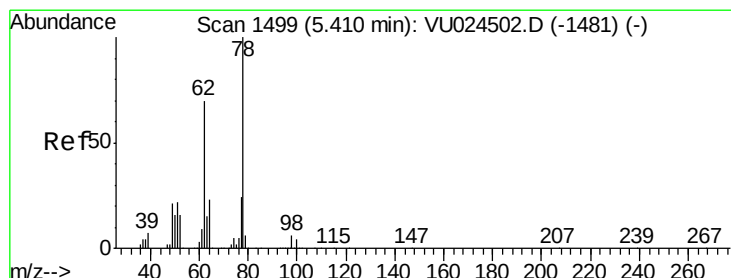
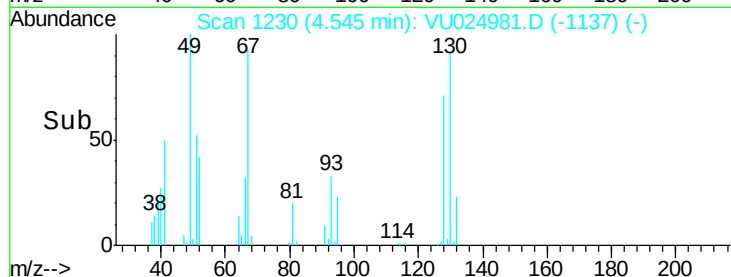
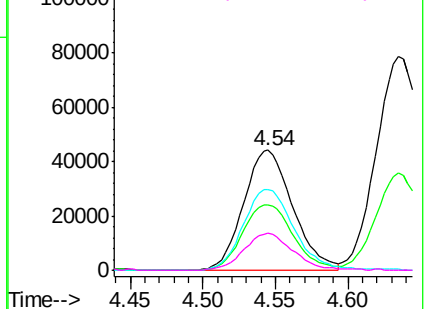


Abundance Ion 41.00 (40.70 to 41.70): VU0

Ion 39.00 (38.70 to 39.70): VU0

Ion 67.00 (66.70 to 67.70): VU0

Ion 52.00 (51.70 to 52.70): VU0



#42

1,2-Dichloroethane

Concen: 57.010 ug/l

RT: 5.41 min Scan# 1498

Delta R.T. -0.00 min

Lab File: VU024981.D

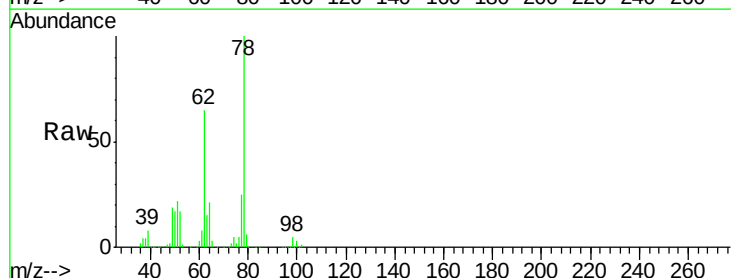
Acq: 27 Jun 2018 21:43

Tgt Ion: 62 Resp: 199459

Ion Ratio Lower Upper

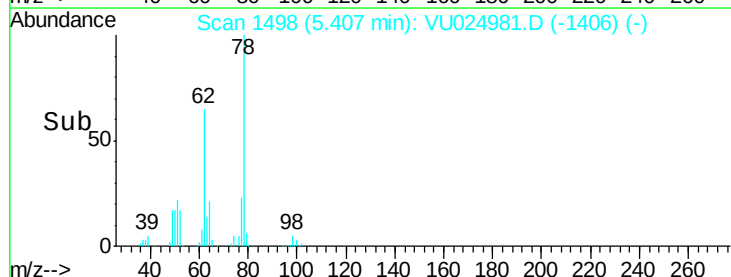
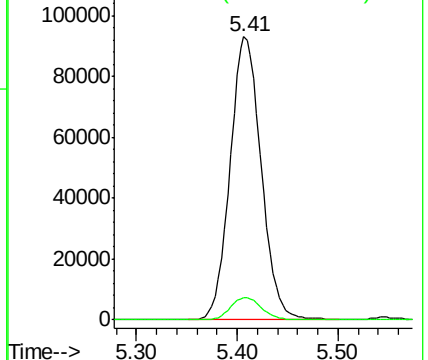
62 100

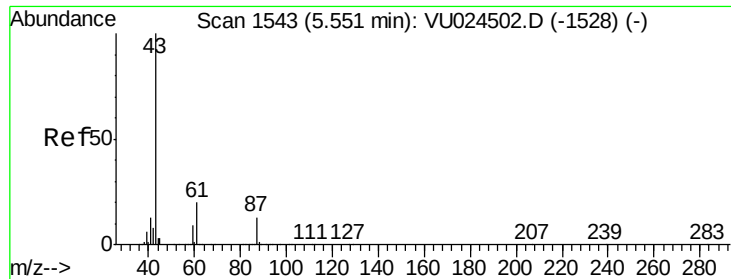
98 7.9 0.0 16.6



Abundance Ion 61.90 (61.60 to 62.60): VU0

Ion 97.90 (97.60 to 98.60): VU0





#43

Isopropyl Acetate

Concen: 49.306 ug/l

RT: 5.55 min Scan# 1542

Delta R.T. -0.00 min

Lab File: VU024981.D

Acq: 27 Jun 2018 21:43

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

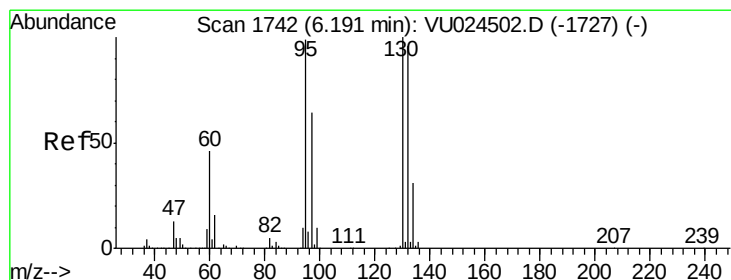
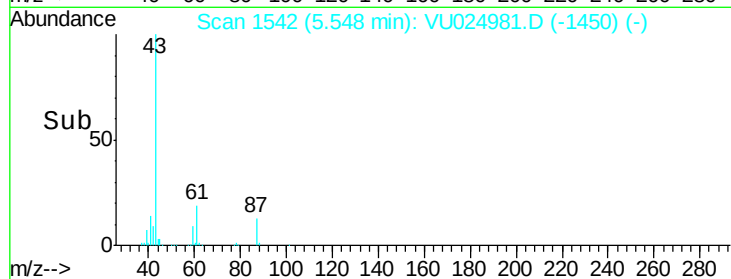
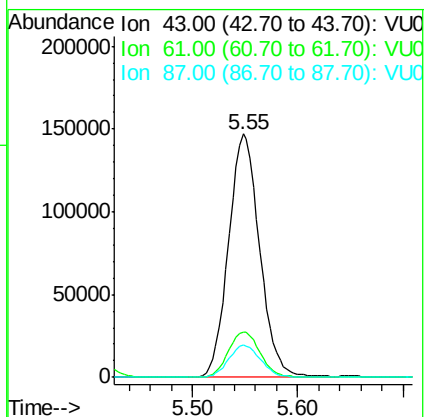
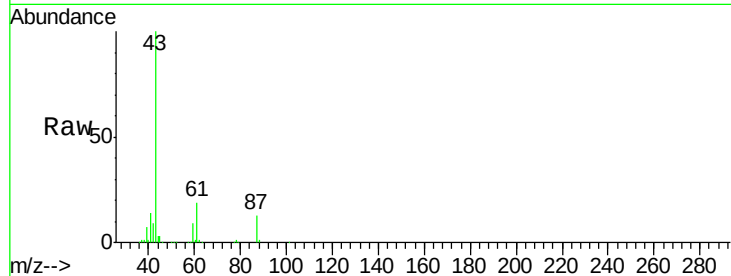
Tgt Ion: 43 Resp: 299466

Ion Ratio Lower Upper

43 100

61 19.2 15.4 23.0

87 13.6 10.0 15.0



#44

Trichloroethene

Concen: 52.022 ug/l

RT: 6.19 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VU024981.D

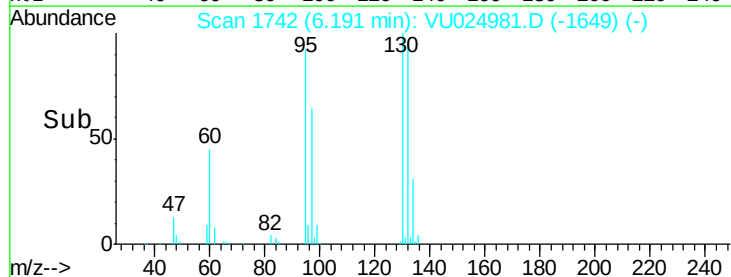
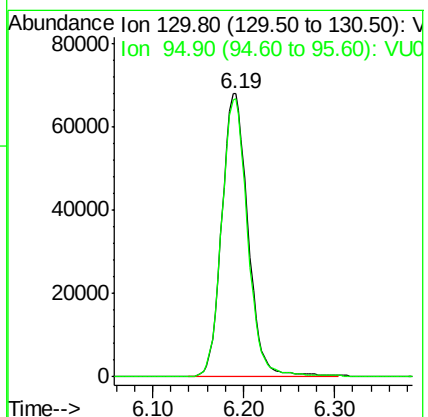
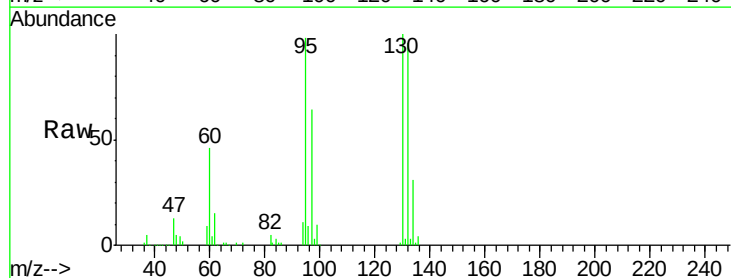
Acq: 27 Jun 2018 21:43

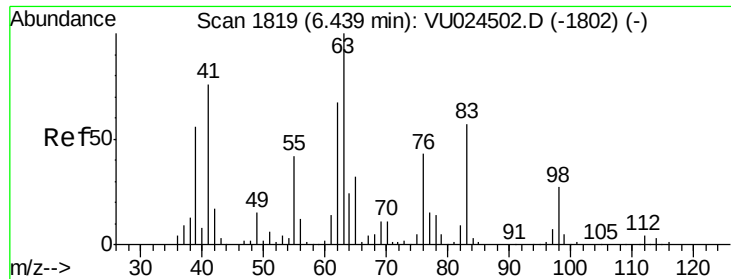
Tgt Ion: 130 Resp: 136005

Ion Ratio Lower Upper

130 100

95 98.2 0.0 202.4

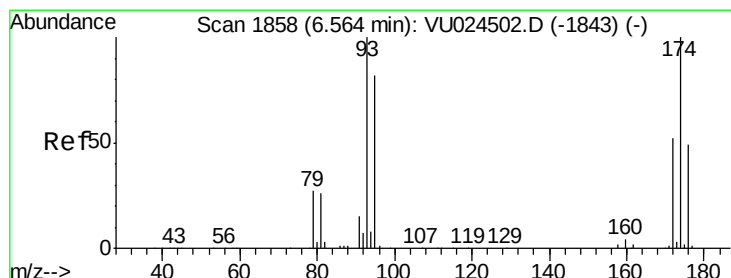
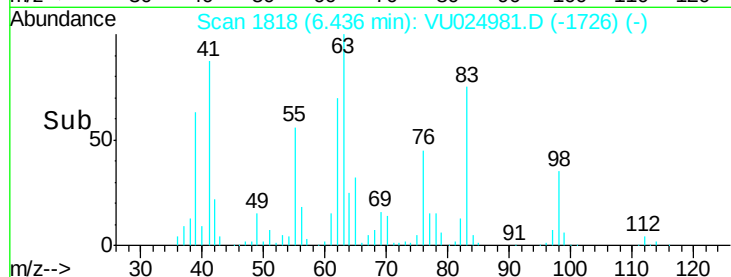
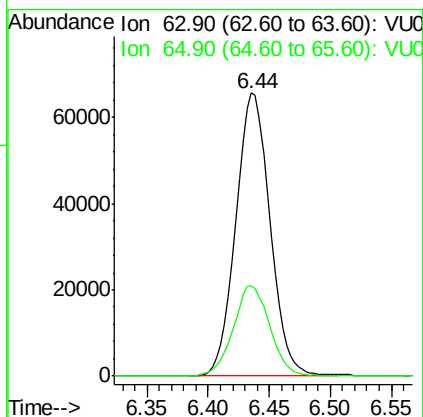
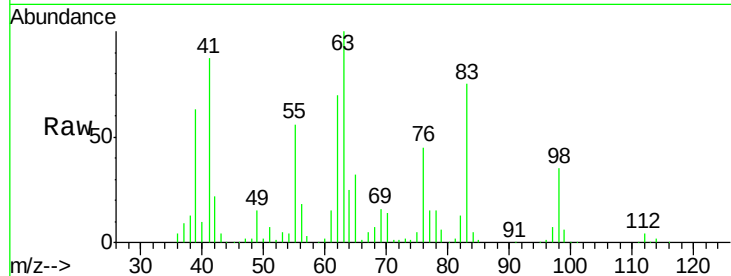




#45
 1,2-Dichloropropane
 Concen: 52.025 ug/l
 RT: 6.44 min Scan# 1819
 Delta R.T. -0.00 min
 Lab File: VU024981.D
 Acq: 27 Jun 2018 21:43

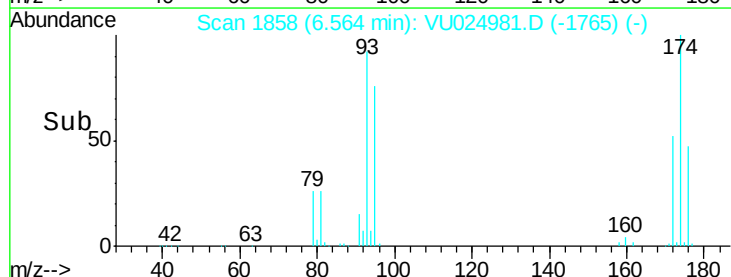
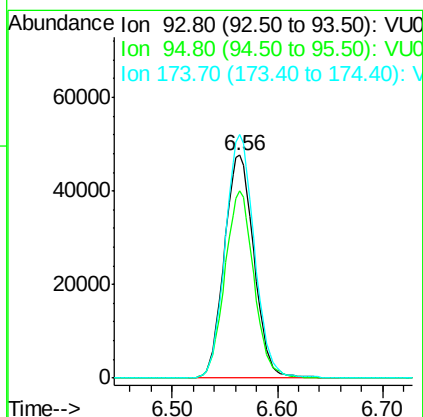
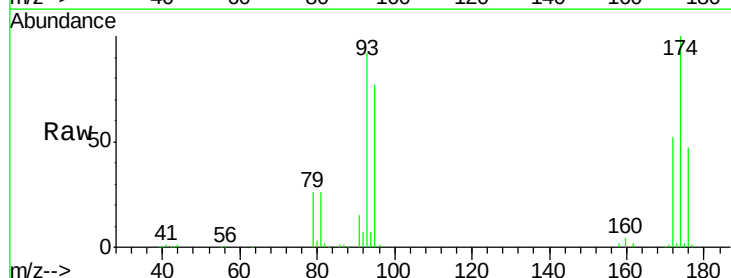
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

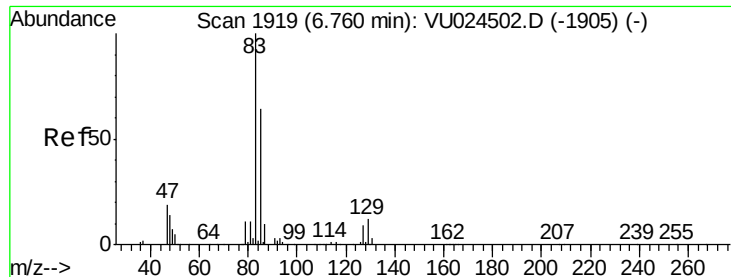
Tgt Ion: 63 Resp: 127518
 Ion Ratio Lower Upper
 63 100
 65 31.9 24.8 37.2



#46
 Dibromomethane
 Concen: 53.959 ug/l
 RT: 6.56 min Scan# 1858
 Delta R.T. 0.00 min
 Lab File: VU024981.D
 Acq: 27 Jun 2018 21:43

Tgt Ion: 93 Resp: 92899
 Ion Ratio Lower Upper
 93 100
 95 82.4 65.5 98.3
 174 107.3 78.7 118.1





#47

Bromodichloromethane

Concen: 52.634 ug/l

RT: 6.76 min Scan# 1919

Delta R.T. 0.00 min

Lab File: VU024981.D

Acq: 27 Jun 2018 21:43

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

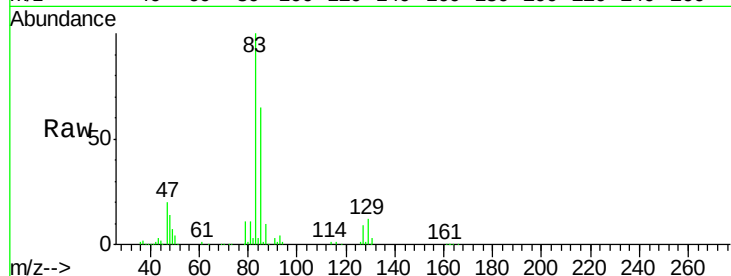
Tgt Ion: 83 Resp: 180446

Ion Ratio Lower Upper

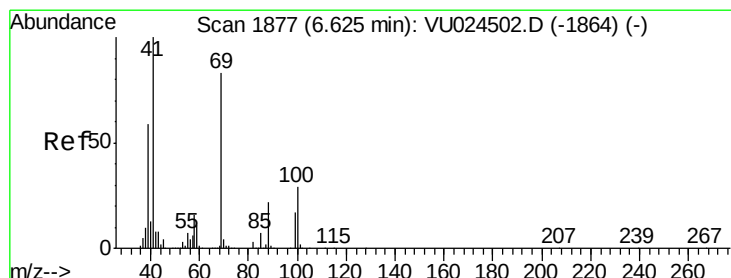
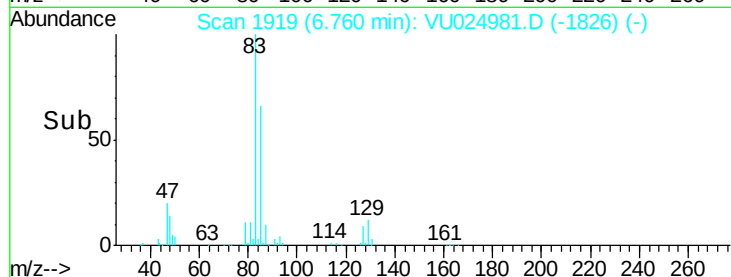
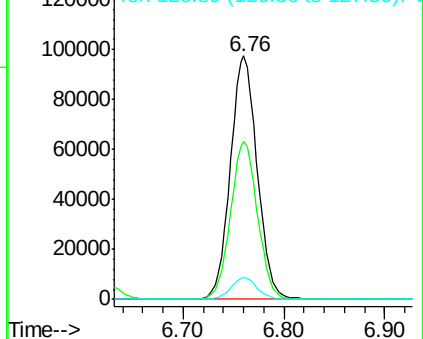
83 100

85 64.9 51.9 77.9

127 9.0 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: 53.011 ug/l

RT: 6.62 min Scan# 1876

Delta R.T. -0.00 min

Lab File: VU024981.D

Acq: 27 Jun 2018 21:43

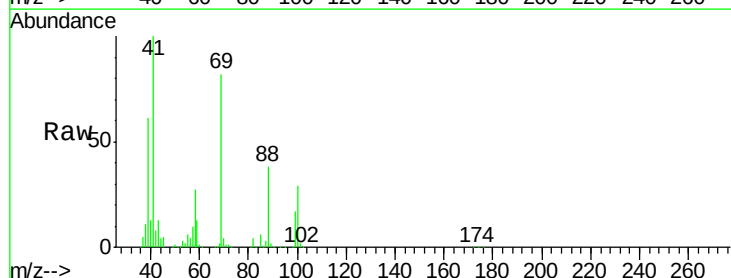
Tgt Ion: 41 Resp: 156781

Ion Ratio Lower Upper

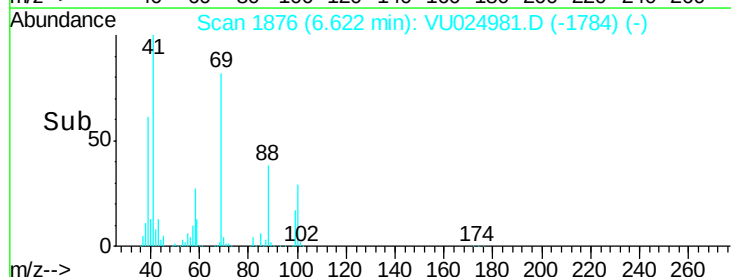
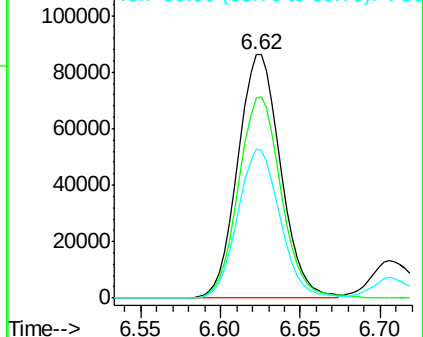
41 100

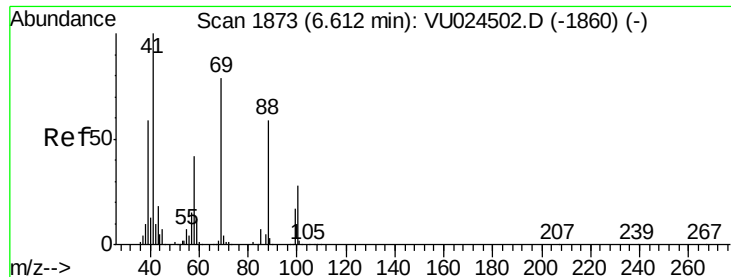
69 83.0 67.3 100.9

39 60.6 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

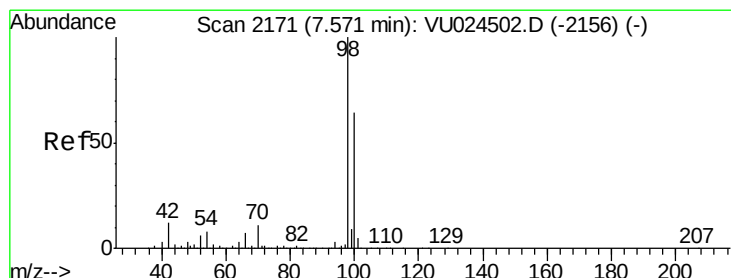
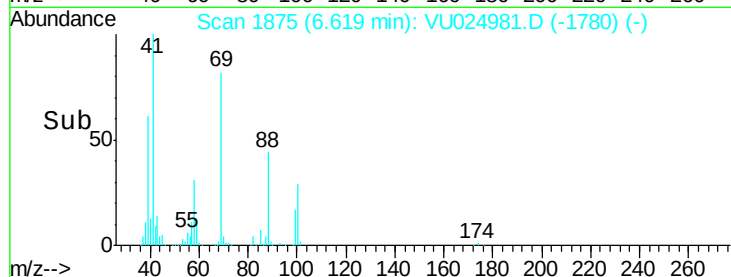
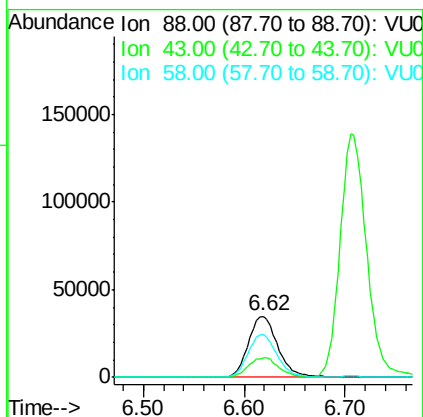
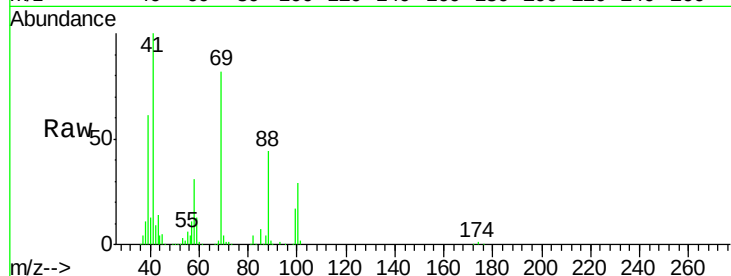




#49
1,4-Dioxane
Concen: 1219.480 ug/l
RT: 6.62 min Scan# 1875
Delta R.T. 0.01 min
Lab File: VU024981.D
Acq: 27 Jun 2018 21:43

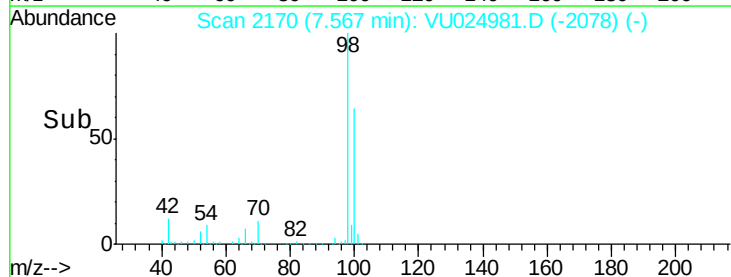
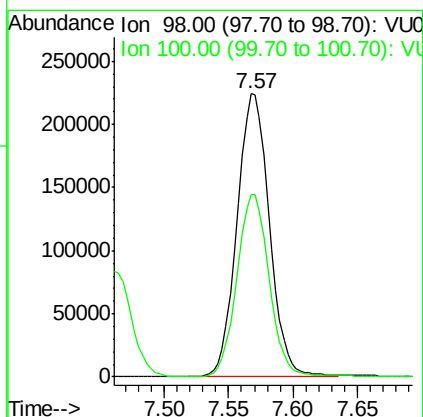
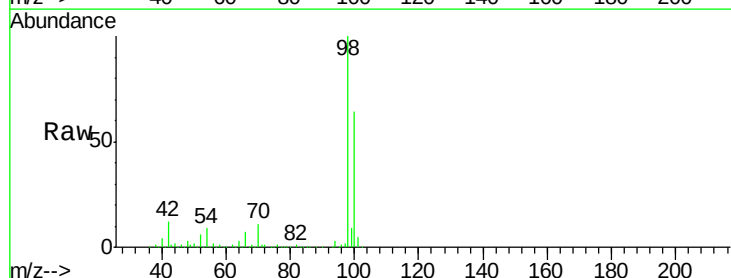
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

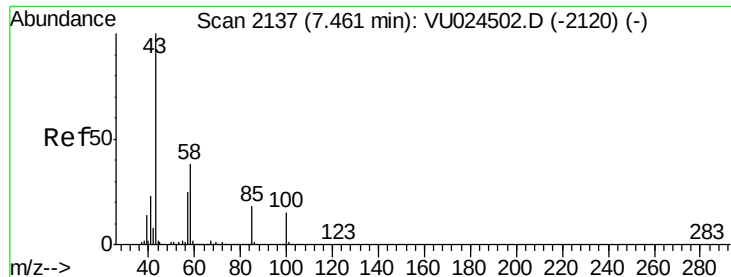
Tgt Ion: 88 Resp: 70532
Ion Ratio Lower Upper
88 100
43 33.1 28.6 42.8
58 69.0 58.2 87.4



#50
Toluene-d8
Concen: 47.342 ug/l
RT: 7.57 min Scan# 2170
Delta R.T. -0.00 min
Lab File: VU024981.D
Acq: 27 Jun 2018 21:43

Tgt Ion: 98 Resp: 393181
Ion Ratio Lower Upper
98 100
100 63.3 51.1 76.7

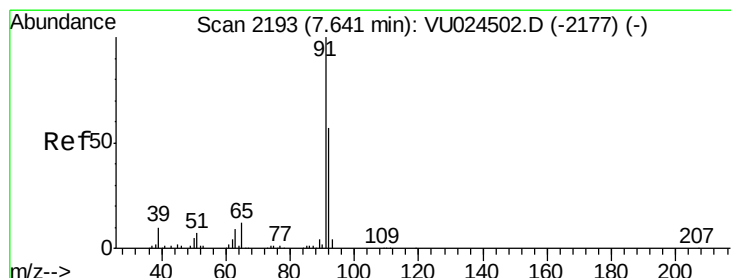
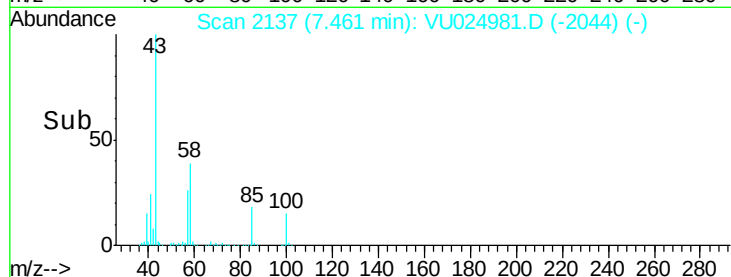
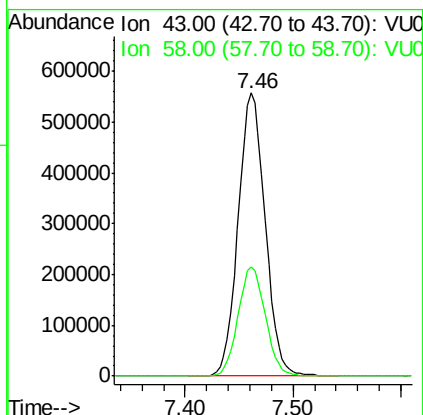
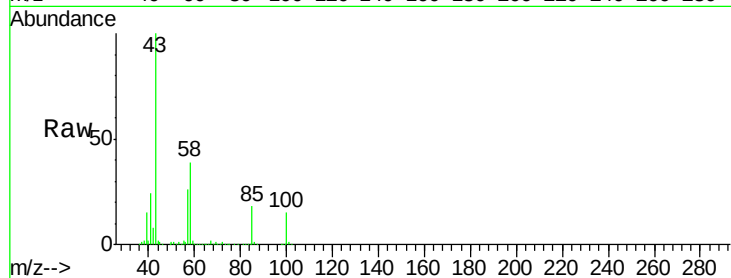




#51
 4-Methyl-2-Pentanone
 Concen: 254.741 ug/l
 RT: 7.46 min Scan# 2137
 Delta R.T. 0.00 min
 Lab File: VU024981.D
 Acq: 27 Jun 2018 21:43

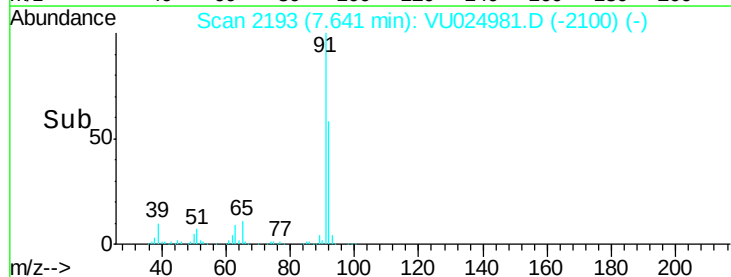
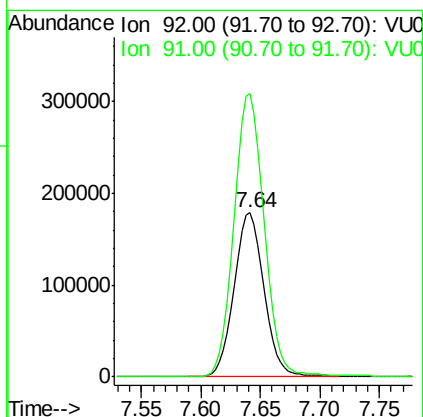
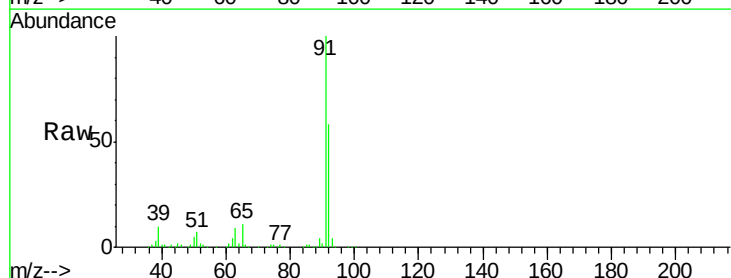
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

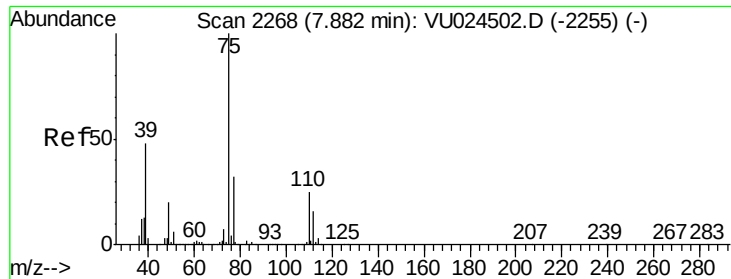
Tgt Ion: 43 Resp: 972035
 Ion Ratio Lower Upper
 43 100
 58 39.0 30.0 45.0



#52
 Toluene
 Concen: 52.835 ug/l
 RT: 7.64 min Scan# 2193
 Delta R.T. 0.00 min
 Lab File: VU024981.D
 Acq: 27 Jun 2018 21:43

Tgt Ion: 92 Resp: 312258
 Ion Ratio Lower Upper
 92 100
 91 175.3 140.5 210.7





#53

t-1,3-Dichloropropene

Concen: 49.942 ug/l

RT: 7.88 min Scan# 2268

Delta R.T. 0.00 min

Lab File: VU024981.D

Acq: 27 Jun 2018 21:43

Instrument :

MSVOA_U

ClientSampleId :

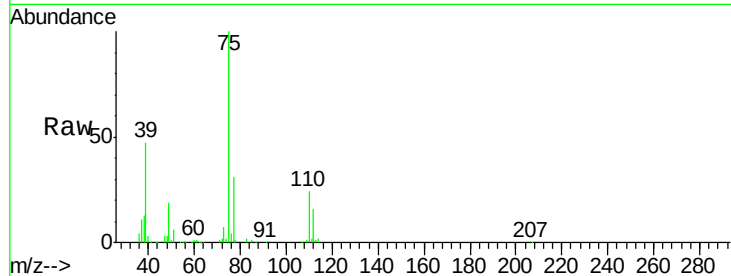
VSTDCCC050

Tgt Ion: 75 Resp: 192277

Ion Ratio Lower Upper

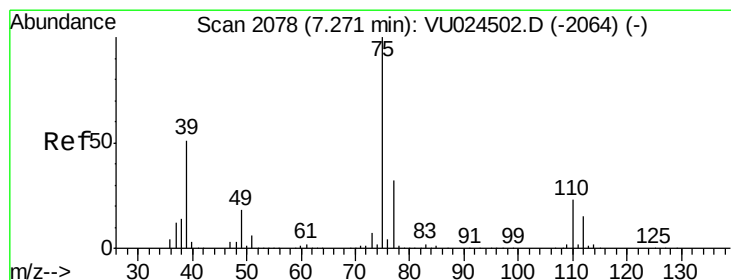
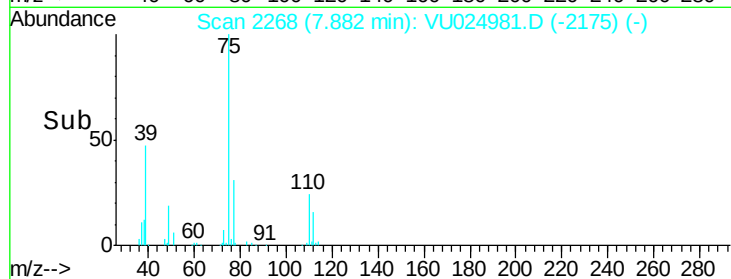
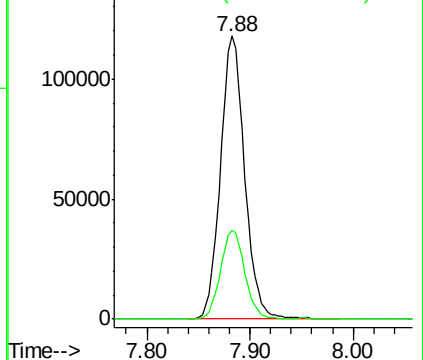
75 100

77 31.4 24.8 37.2



Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 76.90 (76.60 to 77.60): VU0



#54

cis-1,3-Dichloropropene

Concen: 49.268 ug/l

RT: 7.27 min Scan# 2078

Delta R.T. 0.00 min

Lab File: VU024981.D

Acq: 27 Jun 2018 21:43

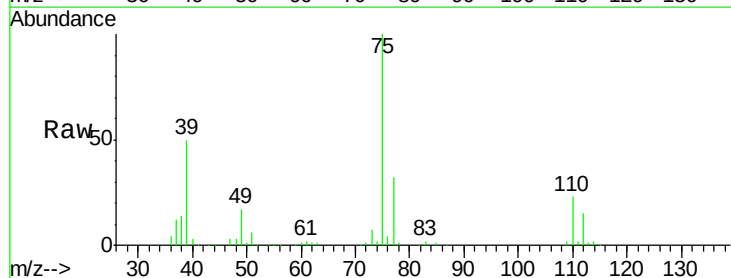
Tgt Ion: 75 Resp: 202120

Ion Ratio Lower Upper

75 100

77 31.7 24.6 36.8

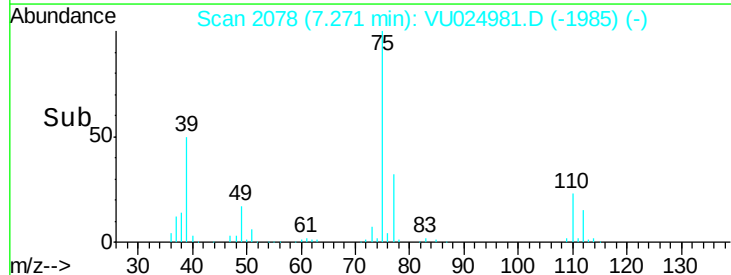
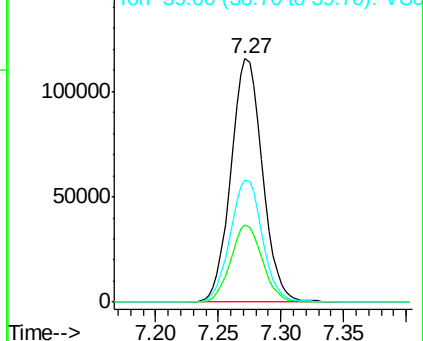
39 50.1 39.8 59.6

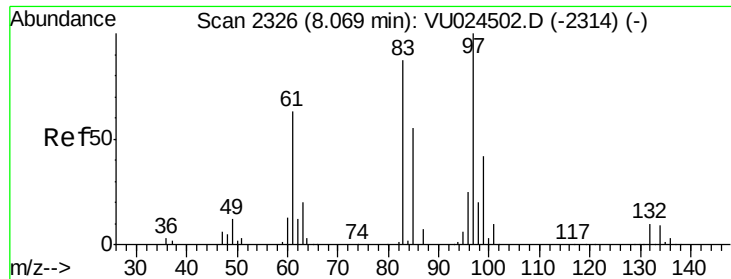


Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 76.90 (76.60 to 77.60): VU0

Ion 39.00 (38.70 to 39.70): VU0

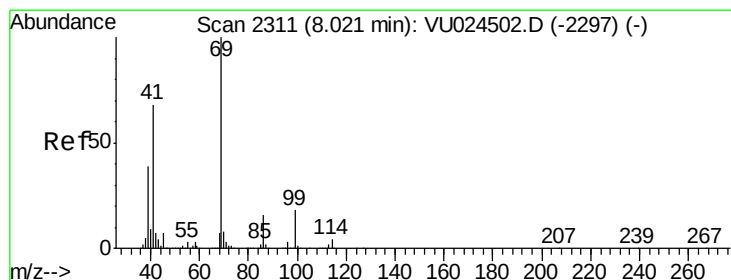
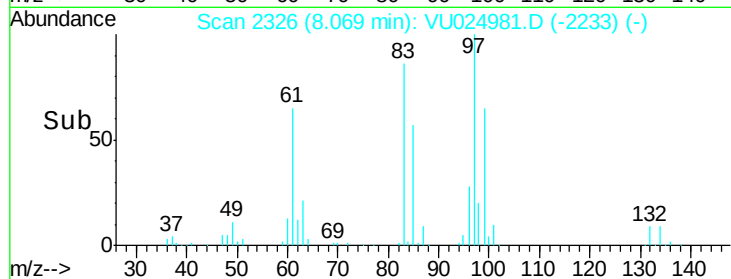
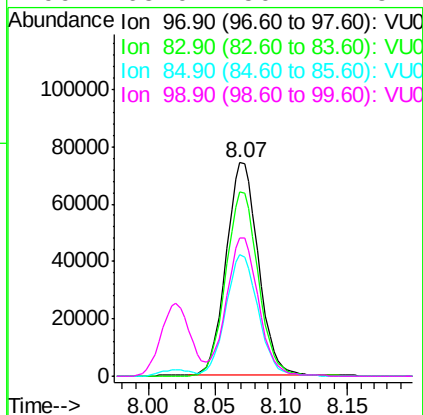
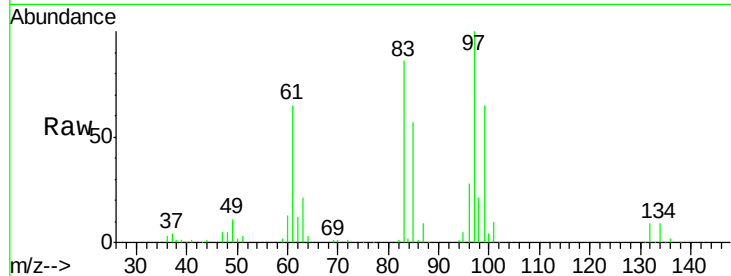




#55
 1,1,2-Trichloroethane
 Concen: 52.192 ug/l
 RT: 8.07 min Scan# 2326
 Delta R.T. 0.00 min
 Lab File: VU024981.D
 Acq: 27 Jun 2018 21:43

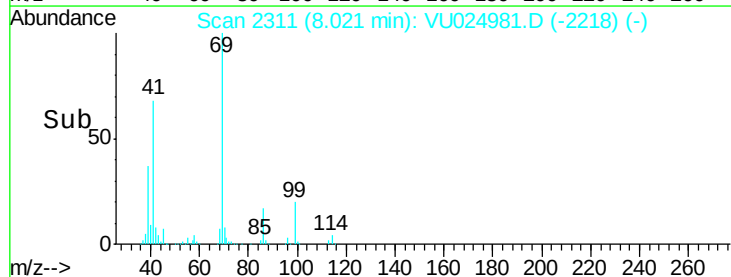
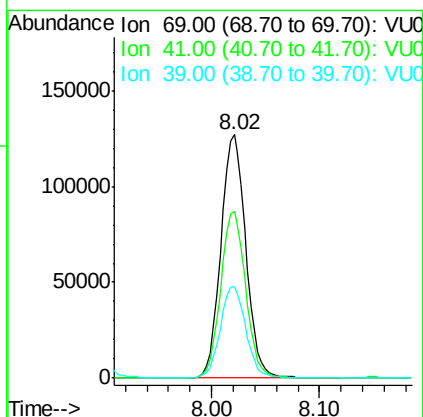
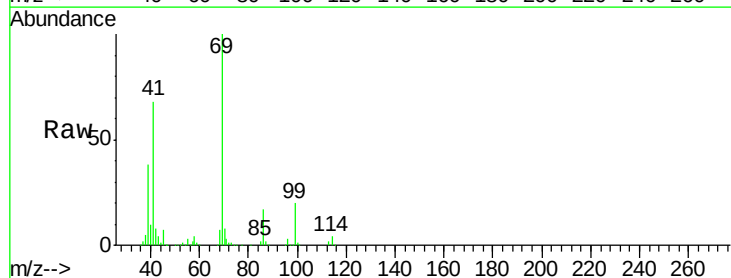
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

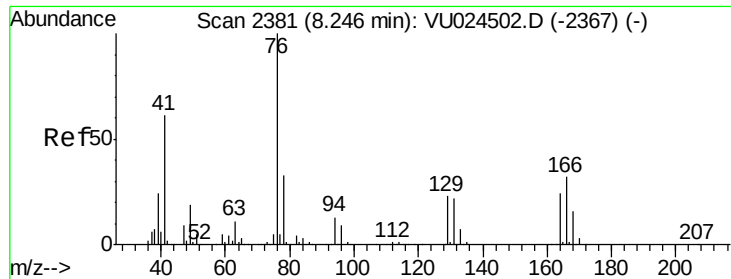
Tgt Ion:	97	Resp:	125385
Ion	Ratio	Lower	Upper
97	100		
83	86.2	70.5	105.7
85	56.8	46.4	69.6
99	65.0	50.2	75.2



#56
 Ethyl methacrylate
 Concen: 50.781 ug/l
 RT: 8.02 min Scan# 2311
 Delta R.T. 0.00 min
 Lab File: VU024981.D
 Acq: 27 Jun 2018 21:43

Tgt Ion:	69	Resp:	204187
Ion	Ratio	Lower	Upper
69	100		
41	68.8	54.1	81.1
39	37.9	30.3	45.5

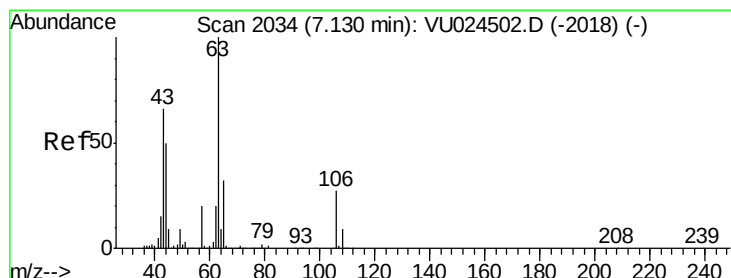
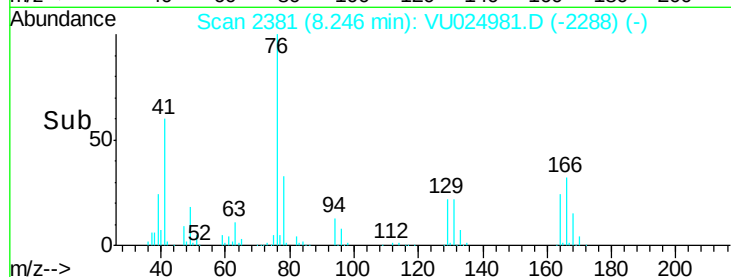
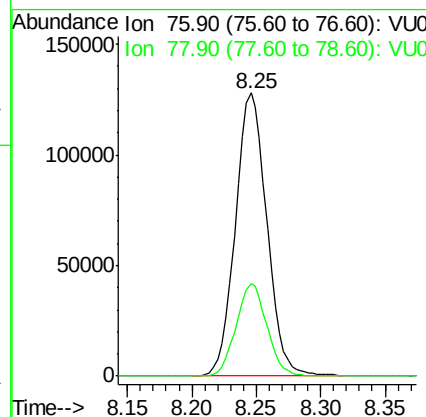
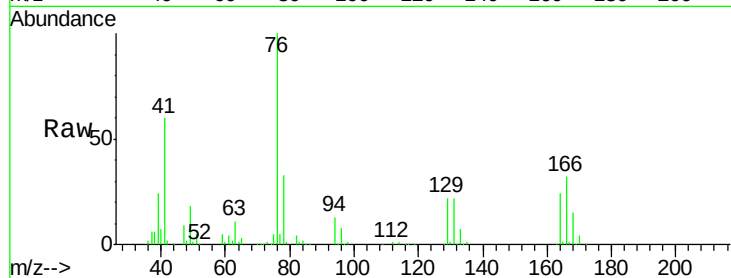




#57
 1,3-Dichloropropane
 Concen: 53.578 ug/l
 RT: 8.25 min Scan# 2381
 Delta R.T. 0.00 min
 Lab File: VU024981.D
 Acq: 27 Jun 2018 21:43

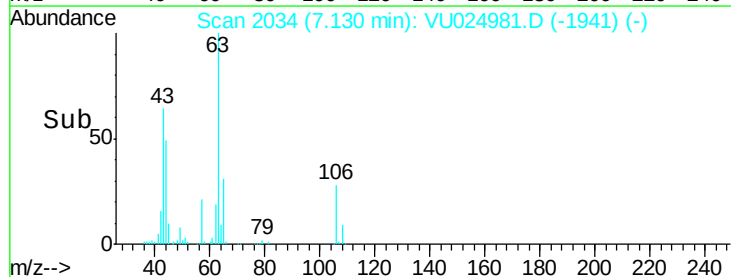
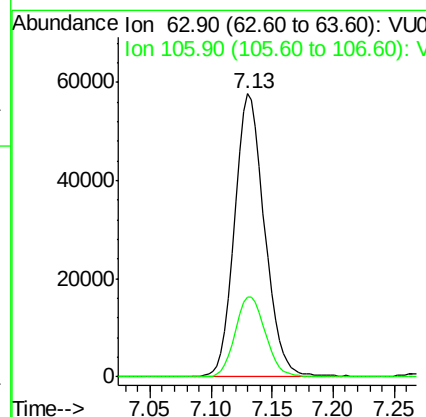
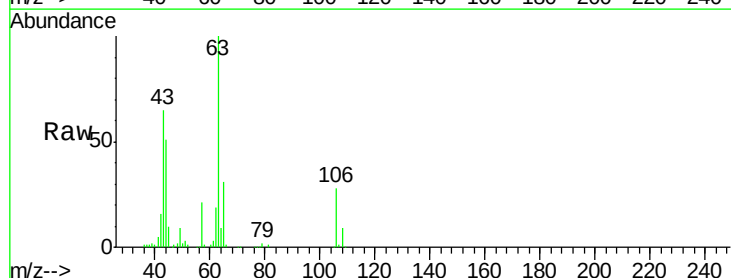
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

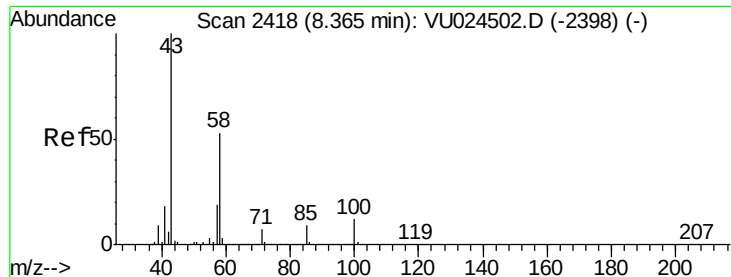
Tgt Ion: 76 Resp: 217130
 Ion Ratio Lower Upper
 76 100
 78 31.9 25.2 37.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 64.268 ug/l
 RT: 7.13 min Scan# 2034
 Delta R.T. 0.00 min
 Lab File: VU024981.D
 Acq: 27 Jun 2018 21:43

Tgt Ion: 63 Resp: 99001
 Ion Ratio Lower Upper
 63 100
 106 28.4 20.2 30.2

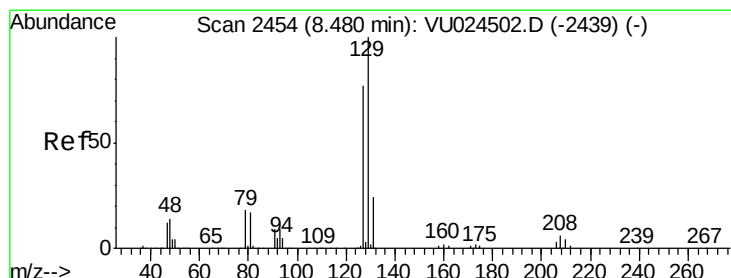
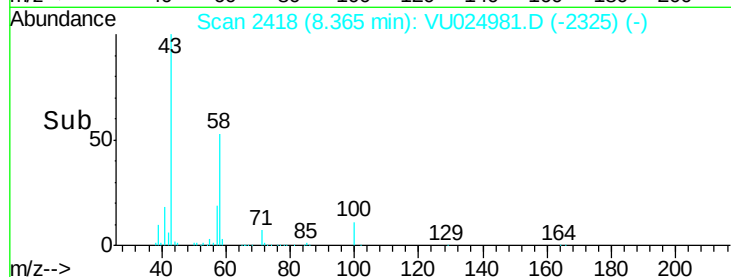
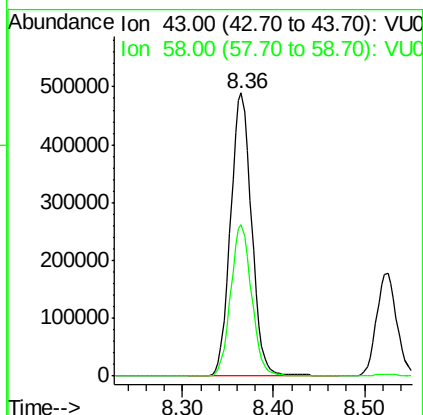
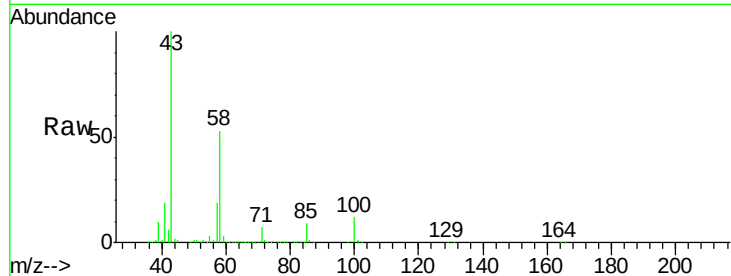




#59
2-Hexanone
Concen: 253.388 ug/l
RT: 8.36 min Scan# 2418
Delta R.T. 0.00 min
Lab File: VU024981.D
Acq: 27 Jun 2018 21:43

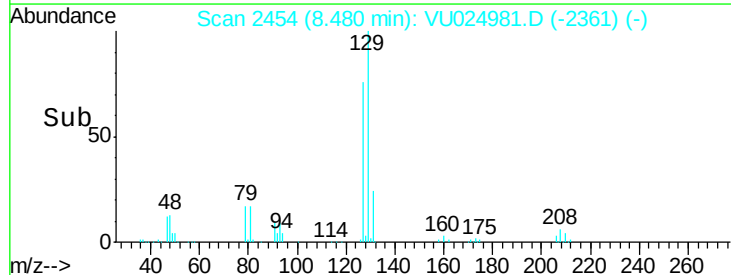
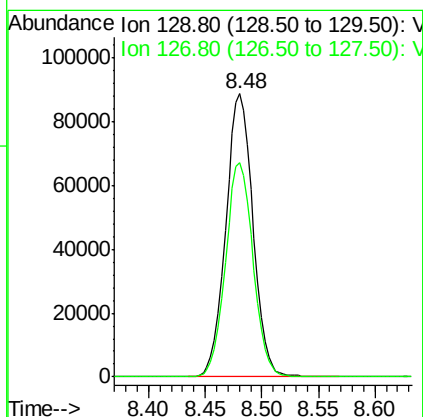
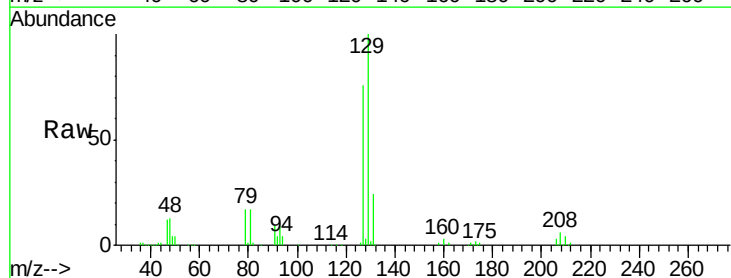
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

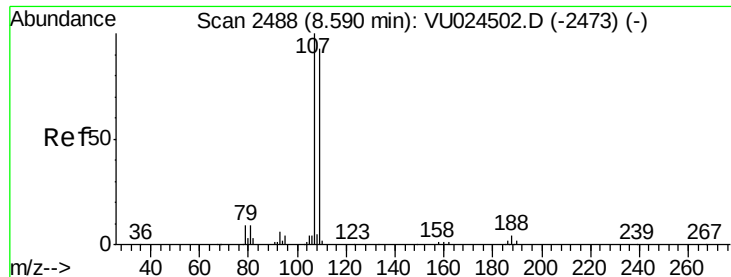
Tgt Ion: 43 Resp: 789361
Ion Ratio Lower Upper
43 100
58 53.0 26.4 79.0



#60
Dibromochloromethane
Concen: 49.496 ug/l
RT: 8.48 min Scan# 2454
Delta R.T. 0.00 min
Lab File: VU024981.D
Acq: 27 Jun 2018 21:43

Tgt Ion: 129 Resp: 148277
Ion Ratio Lower Upper
129 100
127 76.6 38.6 116.0





#61

1,2-Dibromoethane

Concen: 52.335 ug/l

RT: 8.59 min Scan# 2488

Delta R.T. 0.00 min

Lab File: VU024981.D

Acq: 27 Jun 2018 21:43

Instrument :

MSVOA_U

ClientSampleId :

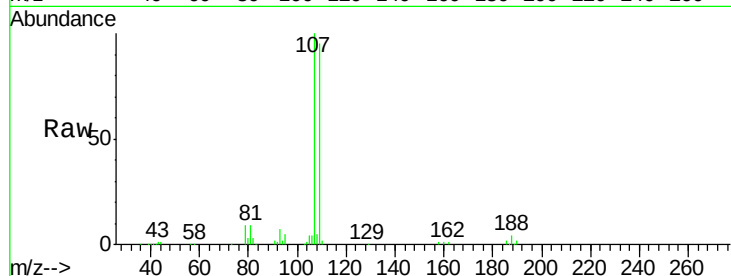
VSTDCCC050

Tgt Ion: 107 Resp: 139938

Ion Ratio Lower Upper

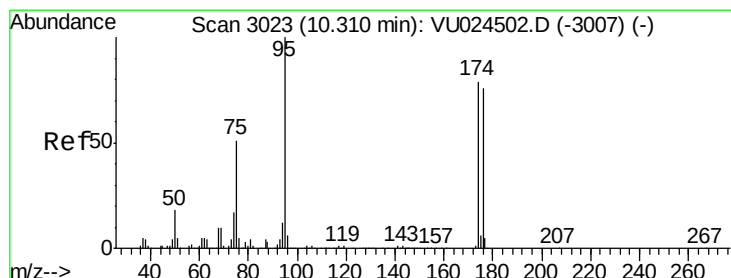
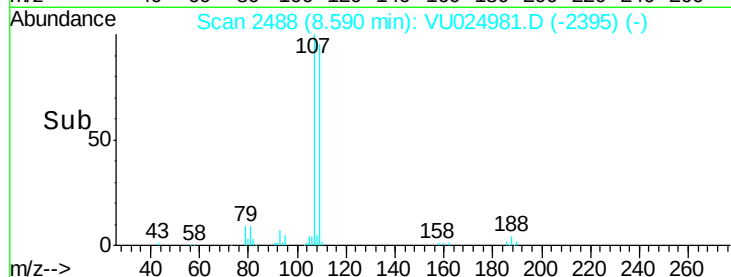
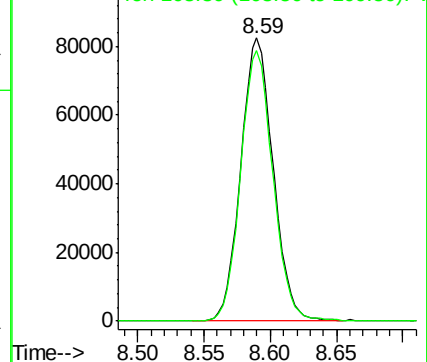
107 100

109 95.4 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: 50.834 ug/l

RT: 10.31 min Scan# 3023

Delta R.T. 0.00 min

Lab File: VU024981.D

Acq: 27 Jun 2018 21:43

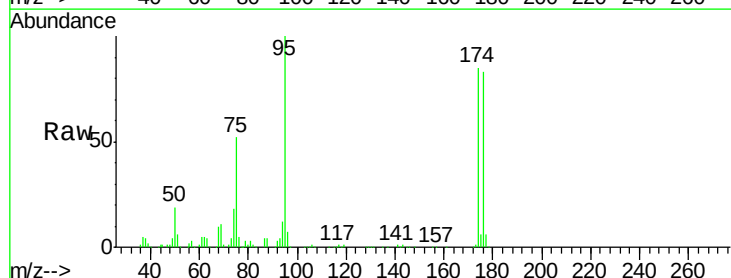
Tgt Ion: 95 Resp: 167625

Ion Ratio Lower Upper

95 100

174 84.0 0.0 165.8

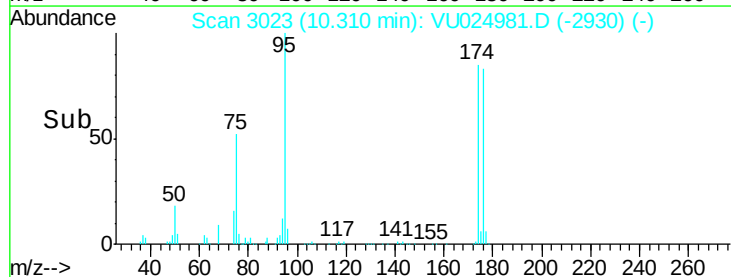
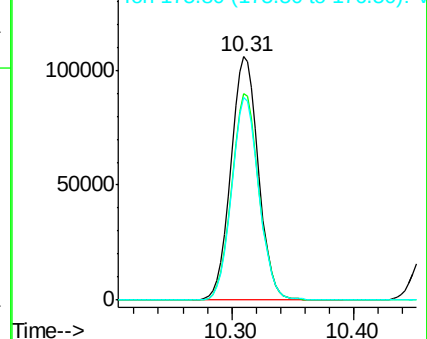
176 82.1 0.0 159.4

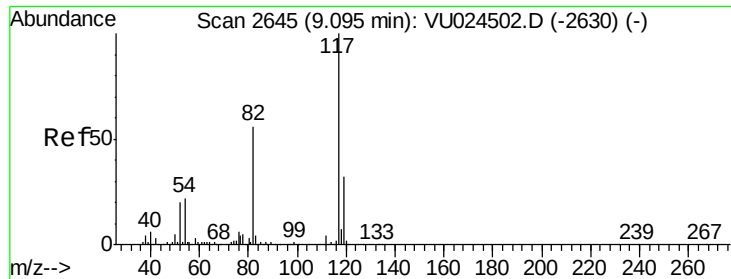


Abundance Ion 94.90 (94.60 to 95.60): VU0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

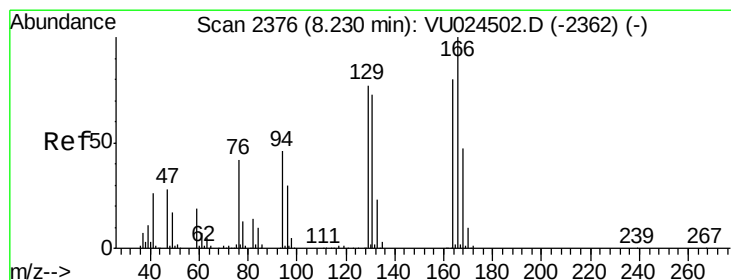
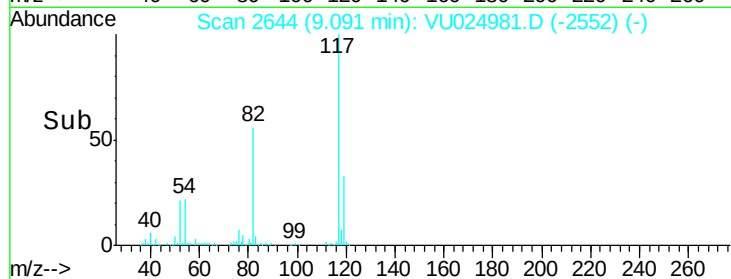
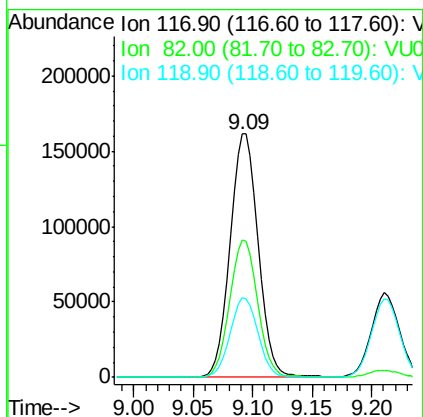
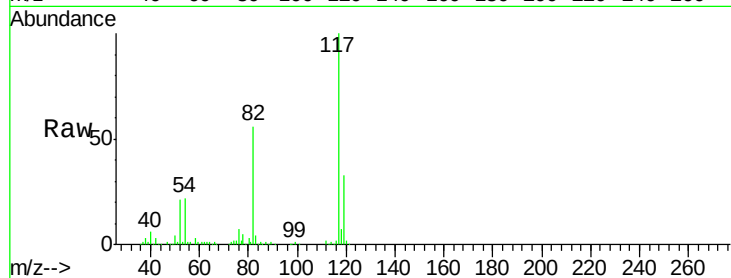




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2644
Delta R.T. -0.00 min
Lab File: VU024981.D
Acq: 27 Jun 2018 21:43

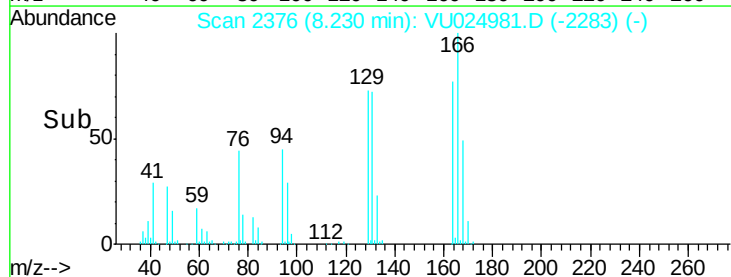
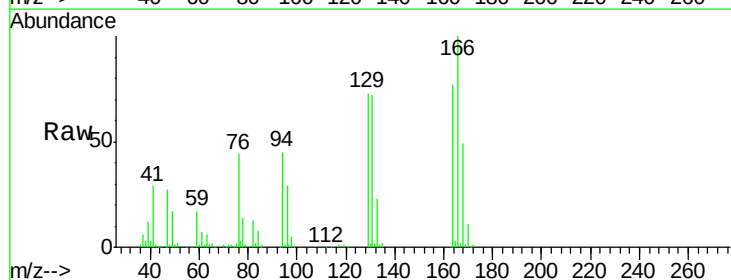
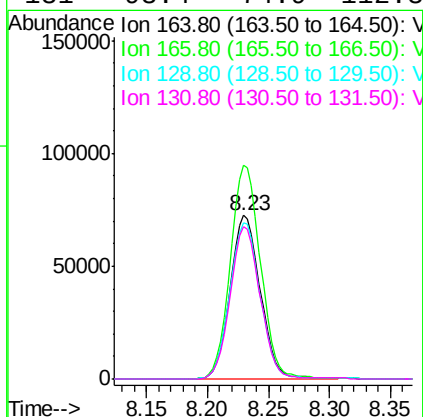
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

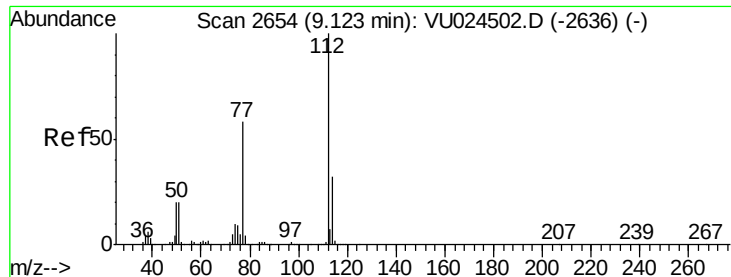
Tgt Ion	Ratio	Lower	Upper
117	100		
82	56.5	44.3	66.5
119	32.6	25.4	38.2



#64
Tetrachloroethene
Concen: 49.785 ug/l
RT: 8.23 min Scan# 2376
Delta R.T. 0.00 min
Lab File: VU024981.D
Acq: 27 Jun 2018 21:43

Tgt Ion	Ratio	Lower	Upper
164	100		
166	130.6	101.7	152.5
129	95.3	76.9	115.3
131	93.4	74.9	112.3

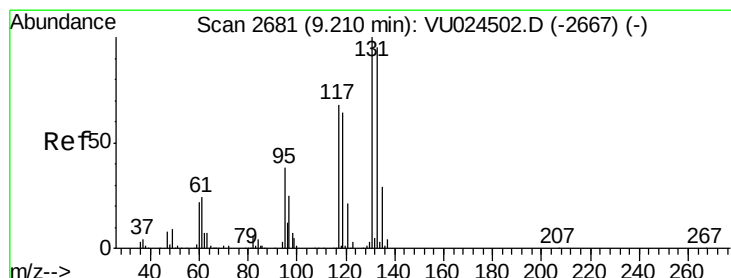
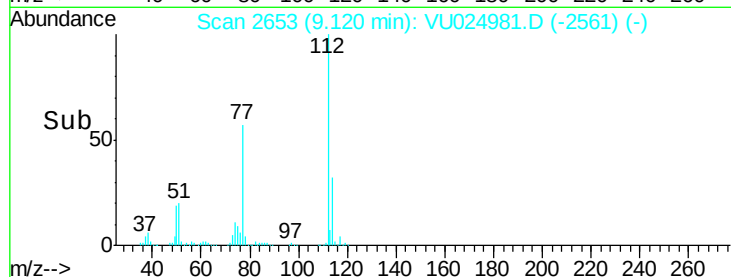
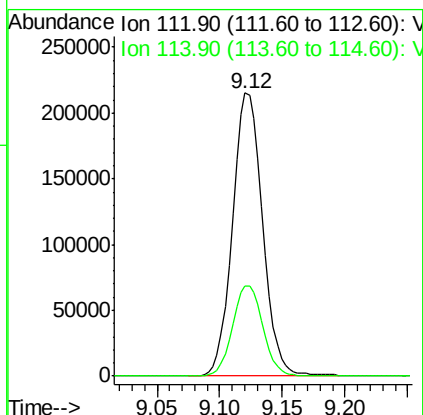
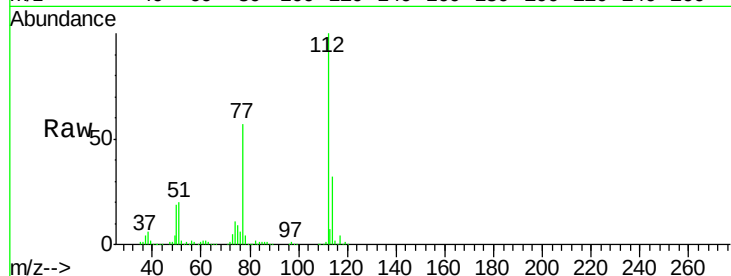




#65
Chlorobenzene
Concen: 52.914 ug/l
RT: 9.12 min Scan# 2653
Delta R.T. -0.00 min
Lab File: VU024981.D
Acq: 27 Jun 2018 21:43

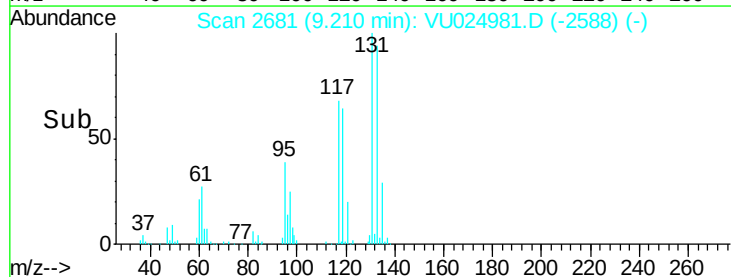
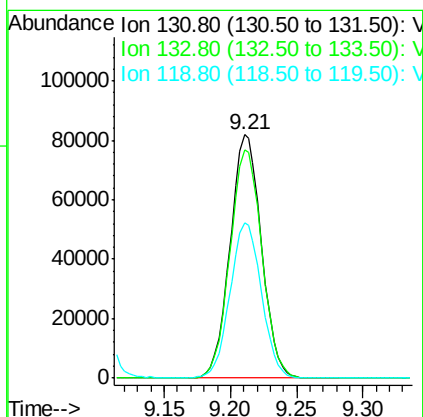
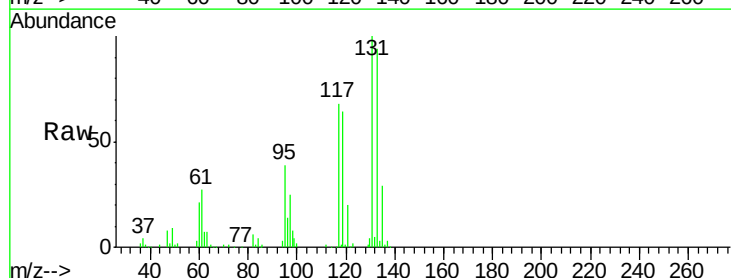
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

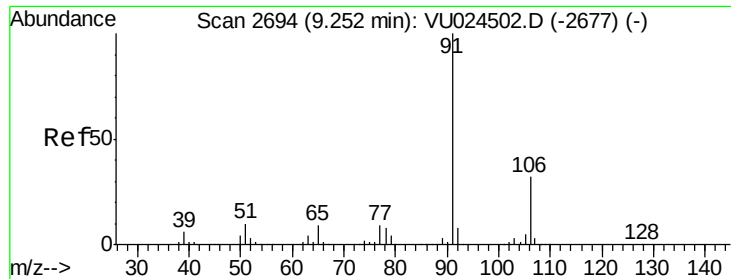
Tgt Ion:112 Resp: 358638
Ion Ratio Lower Upper
112 100
114 31.9 25.6 38.4



#66
1,1,1,2-Tetrachloroethane
Concen: 52.063 ug/l
RT: 9.21 min Scan# 2681
Delta R.T. 0.00 min
Lab File: VU024981.D
Acq: 27 Jun 2018 21:43

Tgt Ion:131 Resp: 134062
Ion Ratio Lower Upper
131 100
133 95.7 46.9 140.8
119 64.2 33.5 100.4

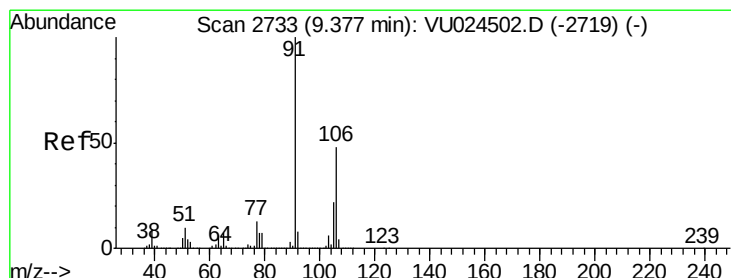
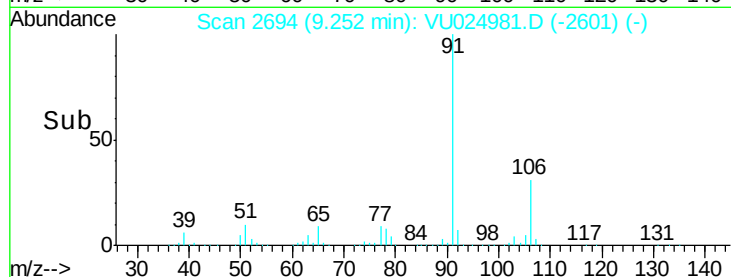
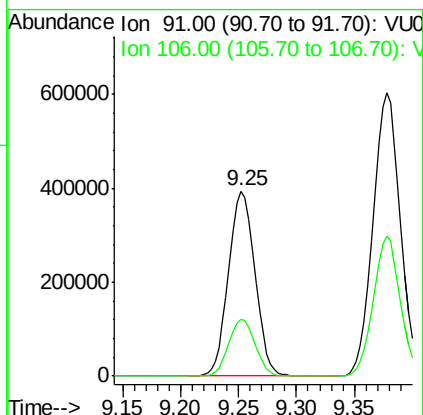
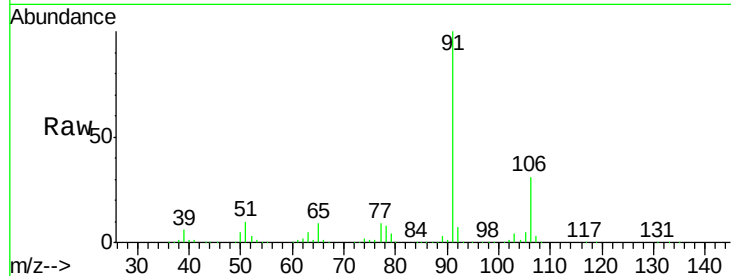




#67
 Ethyl Benzene
 Concen: 52.411 ug/l
 RT: 9.25 min Scan# 2694
 Delta R.T. 0.00 min
 Lab File: VU024981.D
 Acq: 27 Jun 2018 21:43

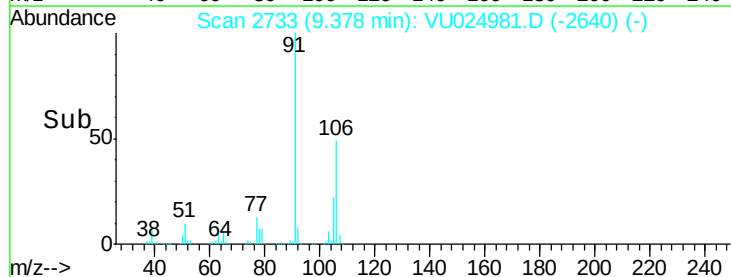
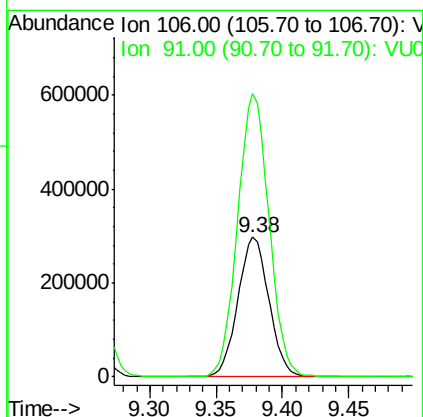
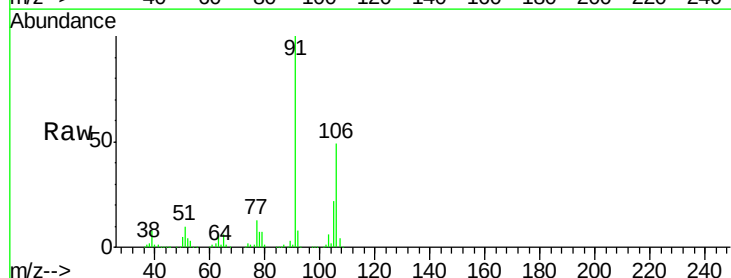
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

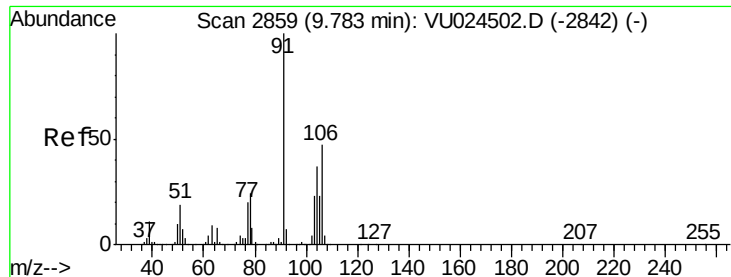
Tgt Ion: 91 Resp: 622744
 Ion Ratio Lower Upper
 91 100
 106 31.1 24.2 36.4



#68
 m/p-Xylenes
 Concen: 106.100 ug/l
 RT: 9.38 min Scan# 2733
 Delta R.T. 0.00 min
 Lab File: VU024981.D
 Acq: 27 Jun 2018 21:43

Tgt Ion: 106 Resp: 484096
 Ion Ratio Lower Upper
 106 100
 91 205.5 166.5 249.7

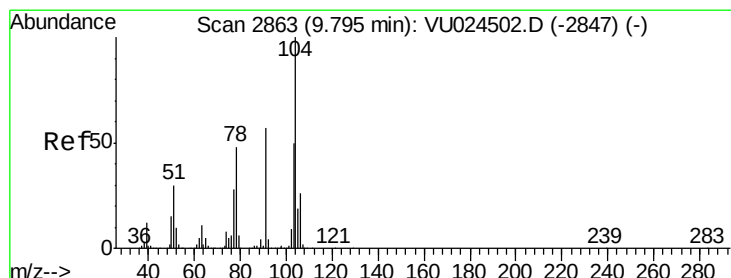
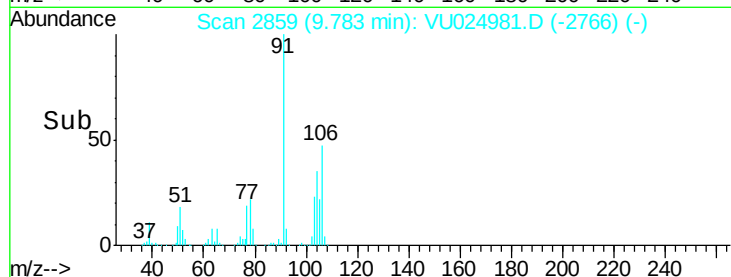
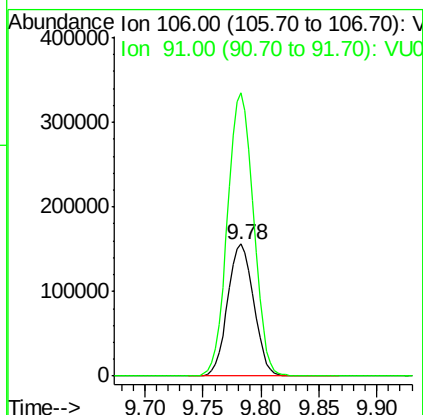
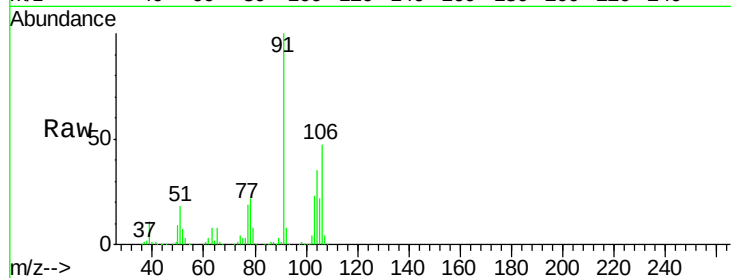




#69
o-Xylene
Concen: 53.917 ug/l
RT: 9.78 min Scan# 2859
Delta R.T. 0.00 min
Lab File: VU024981.D
Acq: 27 Jun 2018 21:43

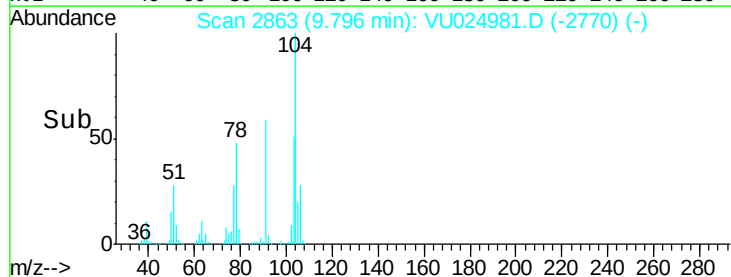
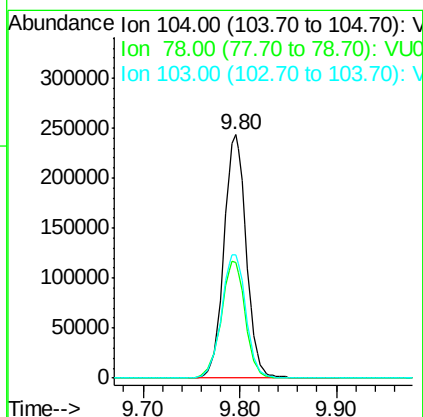
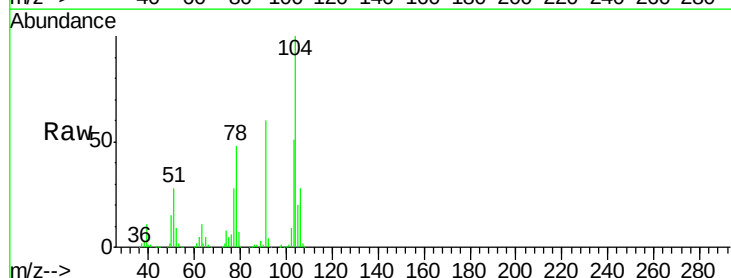
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

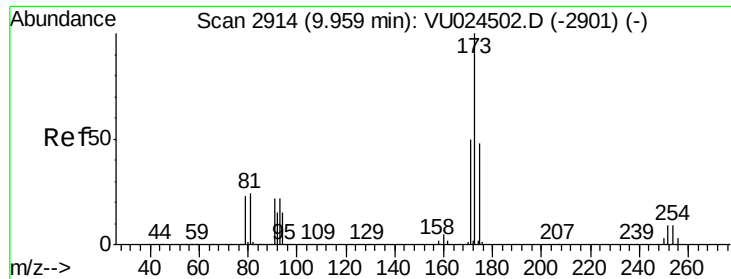
Tgt Ion:106 Resp: 243460
Ion Ratio Lower Upper
106 100
91 214.4 110.7 331.9



#70
Styrene
Concen: 52.312 ug/l
RT: 9.80 min Scan# 2863
Delta R.T. 0.00 min
Lab File: VU024981.D
Acq: 27 Jun 2018 21:43

Tgt Ion:104 Resp: 388176
Ion Ratio Lower Upper
104 100
78 51.7 40.6 60.8
103 55.5 44.7 67.1





#71

Bromoform

Concen: 48.209 ug/l

RT: 9.96 min Scan# 2915

Delta R.T. 0.00 min

Lab File: VU024981.D

Acq: 27 Jun 2018 21:43

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

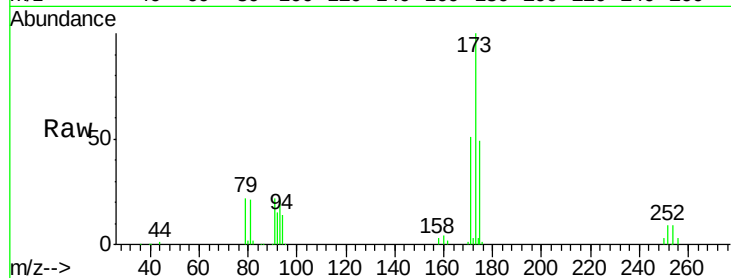
Tgt Ion:173 Resp: 117992

Ion Ratio Lower Upper

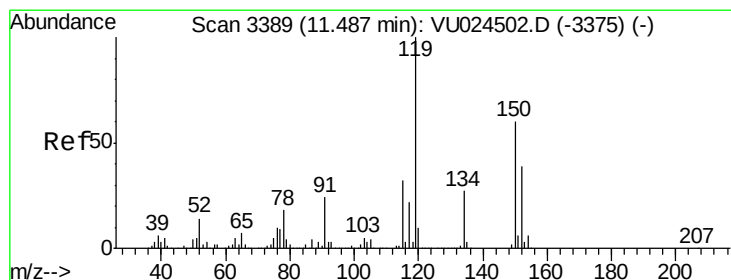
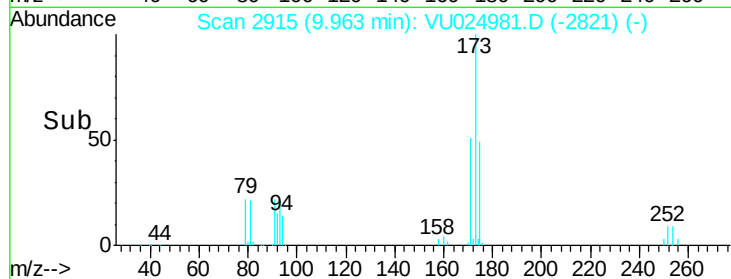
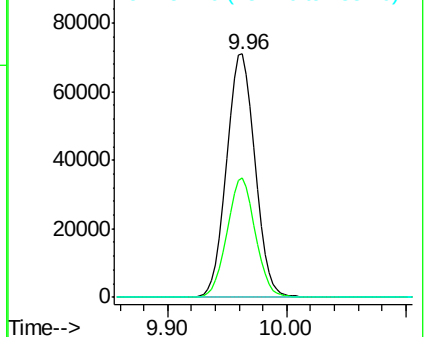
173 100

175 48.5 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: VU024981.D

Acq: 27 Jun 2018 21:43

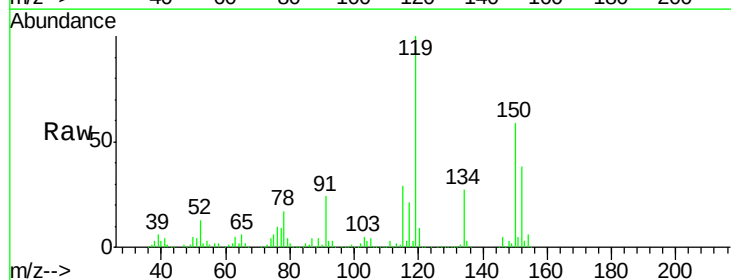
Tgt Ion:152 Resp: 165896

Ion Ratio Lower Upper

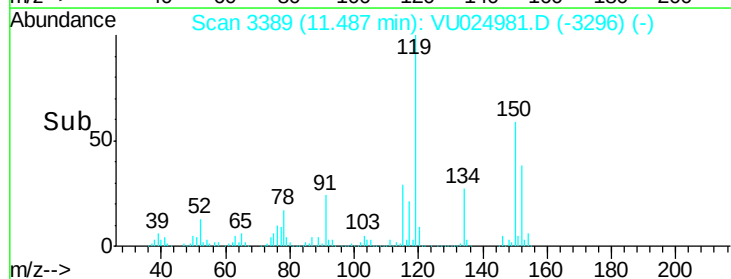
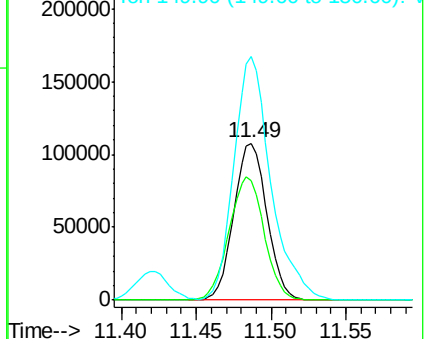
152 100

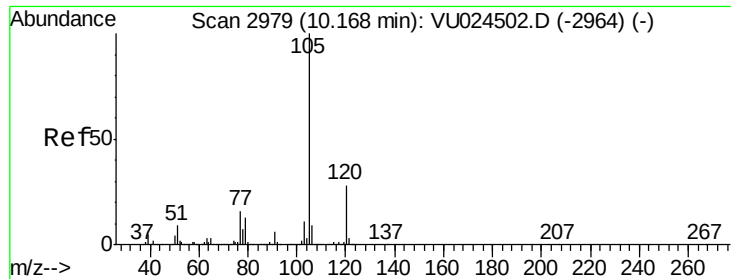
115 83.5 43.0 129.0

150 173.6 0.0 354.0



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





#73

Isopropylbenzene

Concen: 51.207 ug/l

RT: 10.17 min Scan# 2979

Delta R.T. 0.00 min

Lab File: VU024981.D

Acq: 27 Jun 2018 21:43

Instrument :

MSVOA_U

ClientSampleId :

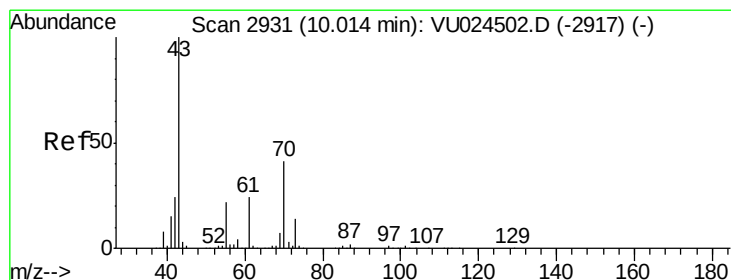
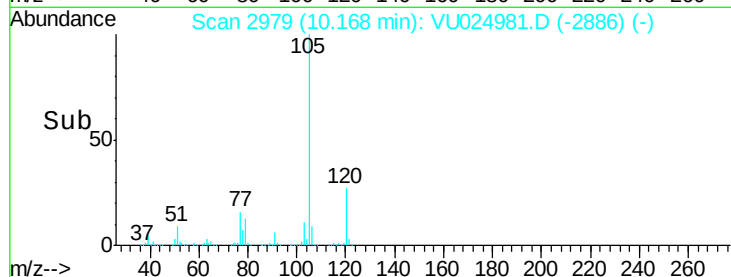
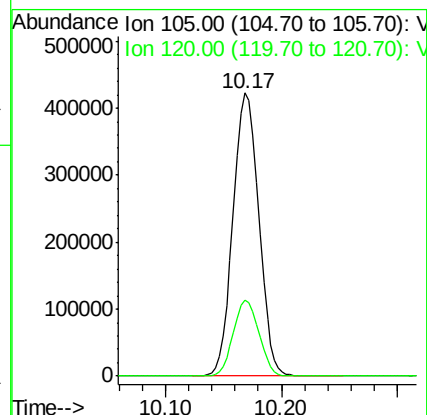
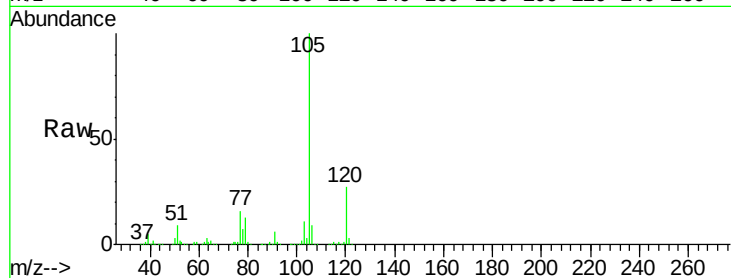
VSTDCCC050

Tgt Ion: 105 Resp: 652211

Ion Ratio Lower Upper

105 100

120 26.7 13.2 39.6



#74

N-ethyl acetate

Concen: 46.239 ug/l

RT: 10.01 min Scan# 2931

Delta R.T. 0.00 min

Lab File: VU024981.D

Acq: 27 Jun 2018 21:43

Tgt Ion: 43 Resp: 280125

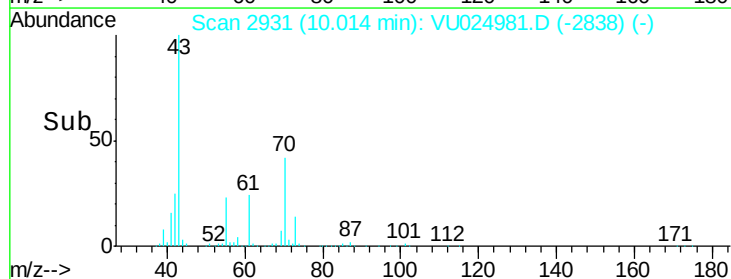
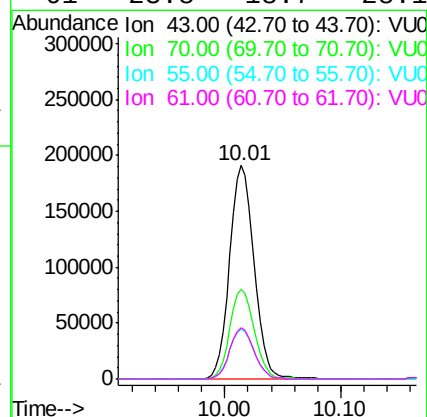
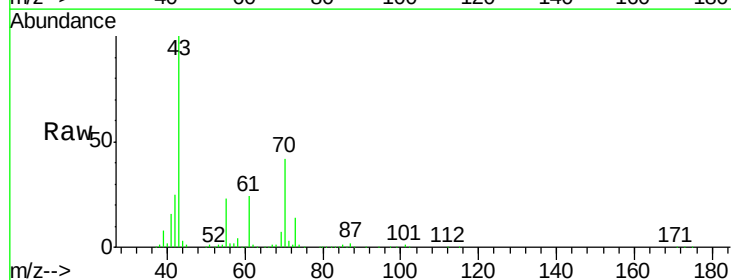
Ion Ratio Lower Upper

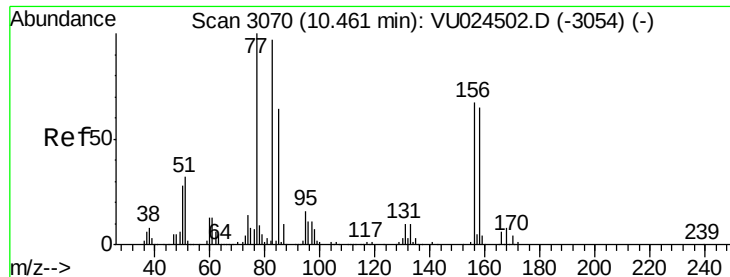
43 100

70 42.4 32.2 48.4

55 23.6 20.5 30.7

61 23.8 18.7 28.1





#75

1,1,2,2-Tetrachloroethane

Concen: 51.085 ug/l

RT: 10.46 min Scan# 3070

Delta R.T. 0.00 min

Lab File: VU024981.D

Acq: 27 Jun 2018 21:43

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

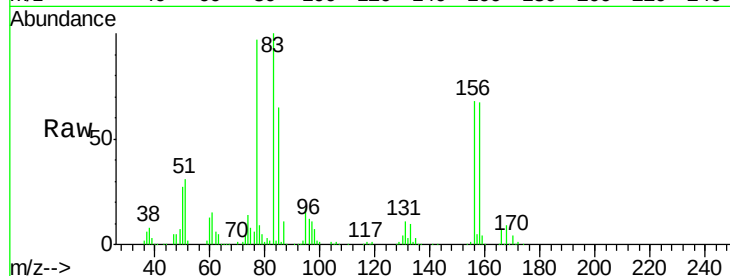
Tgt Ion: 83 Resp: 218039

Ion Ratio Lower Upper

83 100

131 10.6 4.7 14.1

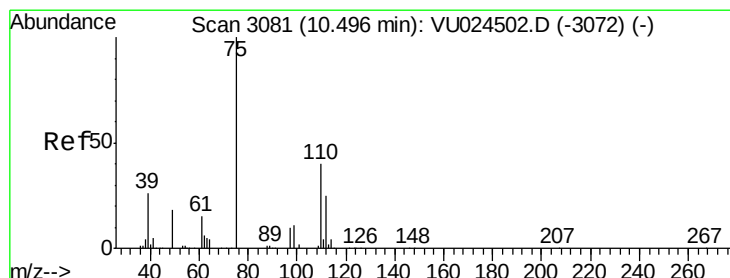
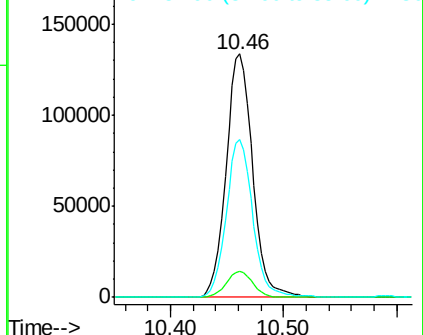
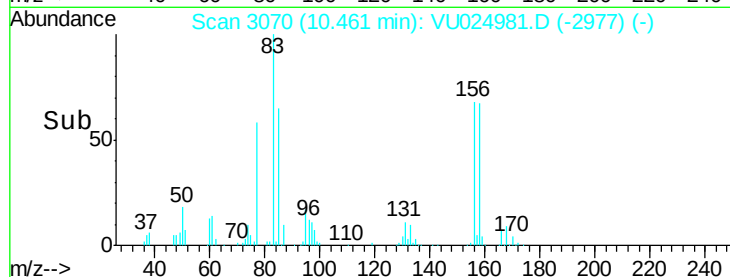
85 64.7 32.5 97.5



Abundance Ion 82.90 (82.60 to 83.60): VU024981.D (-2977) (-)

Ion 130.80 (130.50 to 131.50): VU024981.D (-2977) (-)

Ion 84.90 (84.60 to 85.60): VU024981.D (-2977) (-)



#76

1,2,3-Trichloropropane

Concen: 70.583 ug/l

RT: 10.50 min Scan# 3081

Delta R.T. 0.00 min

Lab File: VU024981.D

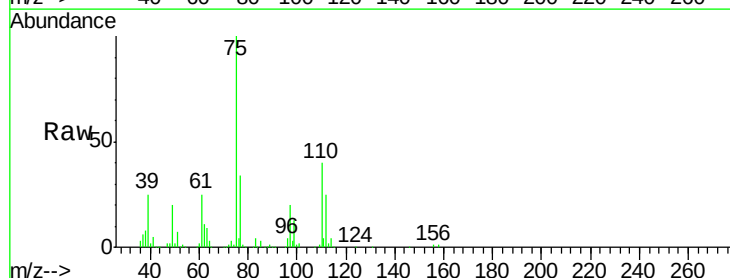
Acq: 27 Jun 2018 21:43

Tgt Ion: 75 Resp: 257800

Ion Ratio Lower Upper

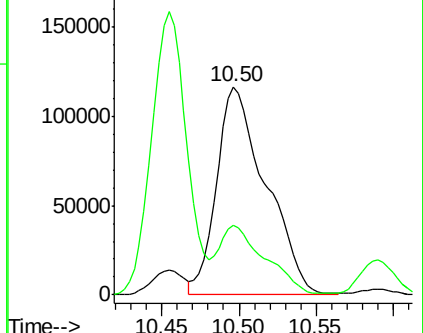
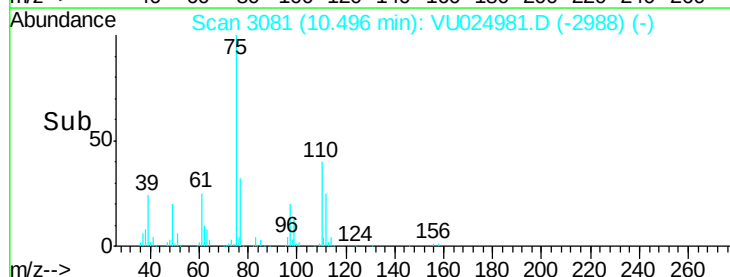
75 100

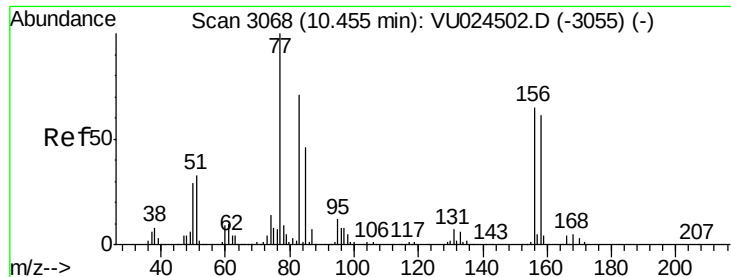
77 31.7 20.9 62.7



Abundance Ion 74.90 (74.60 to 75.60): VU024981.D (-2988) (-)

Ion 77.00 (76.70 to 77.70): VU024981.D (-2988) (-)





#77

Bromobenzene

Concen: 51.737 ug/l

RT: 10.45 min Scan# 3068

Delta R.T. 0.00 min

Lab File: VU024981.D

Acq: 27 Jun 2018 21:43

Instrument :

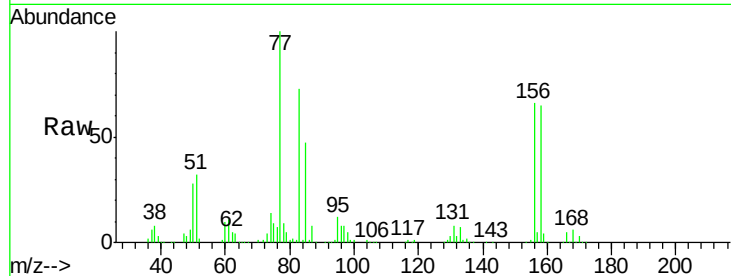
MSVOA_U

ClientSampleId :

VSTDCCC050

Tgt Ion:156 Resp: 166827

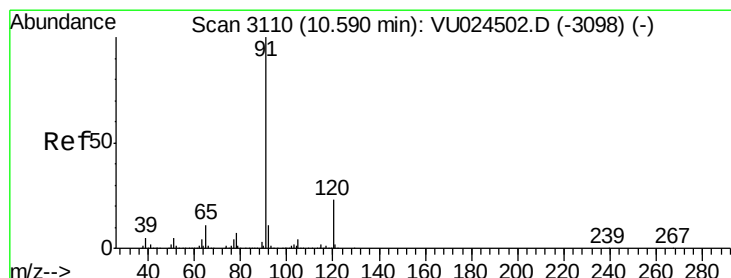
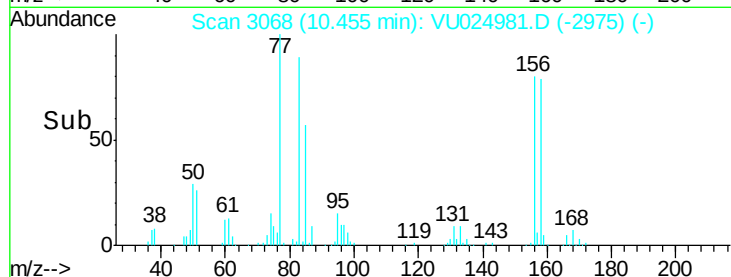
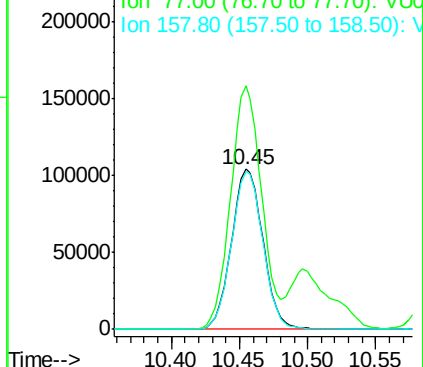
Ion	Ratio	Lower	Upper
156	100		
77	150.5	80.5	241.3
158	98.5	48.2	144.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VU0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 49.533 ug/l

RT: 10.59 min Scan# 3110

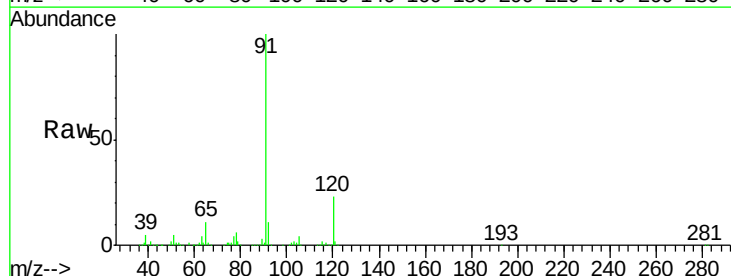
Delta R.T. 0.00 min

Lab File: VU024981.D

Acq: 27 Jun 2018 21:43

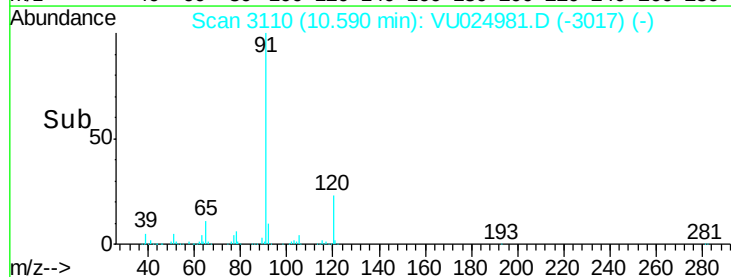
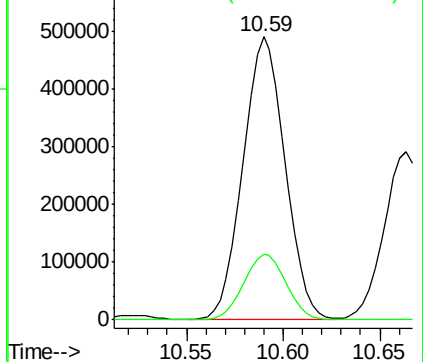
Tgt Ion: 91 Resp: 743180

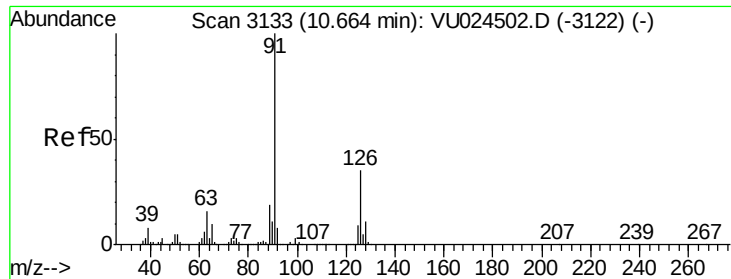
Ion	Ratio	Lower	Upper
91	100		
120	23.6	11.2	33.5



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 120.00 (119.70 to 120.70): V

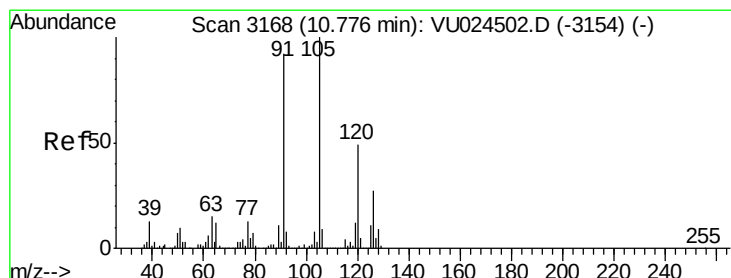
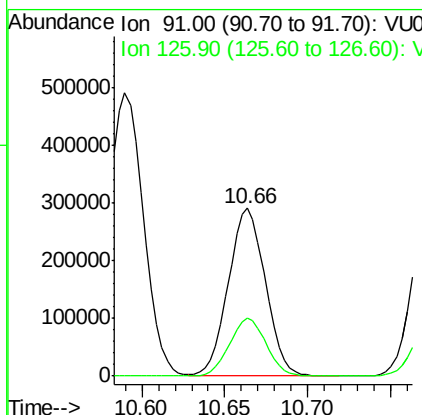
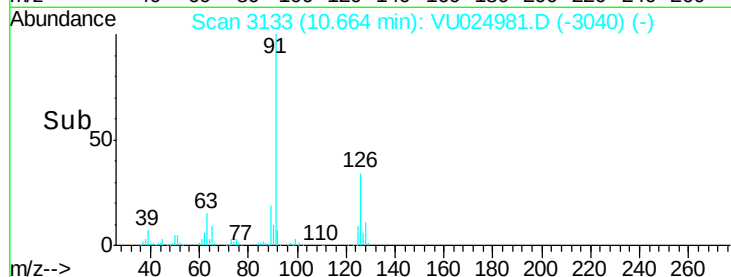
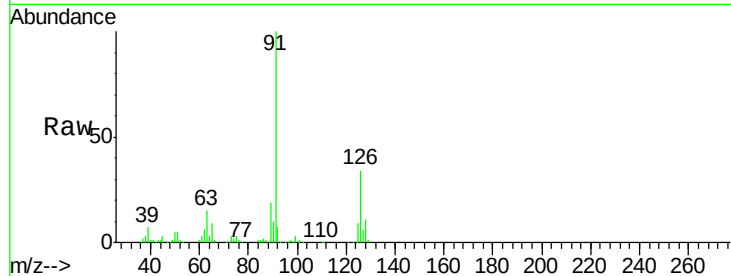




#79
 2-Chlorotoluene
 Concen: 51.086 ug/l
 RT: 10.66 min Scan# 3133
 Delta R.T. 0.00 min
 Lab File: VU024981.D
 Acq: 27 Jun 2018 21:43

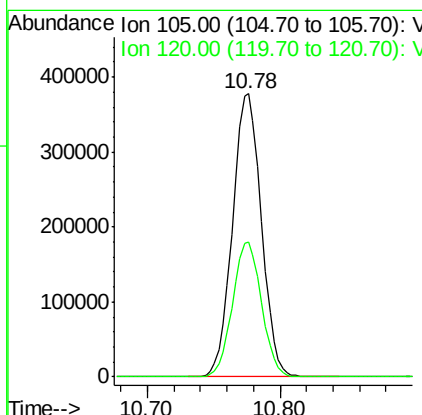
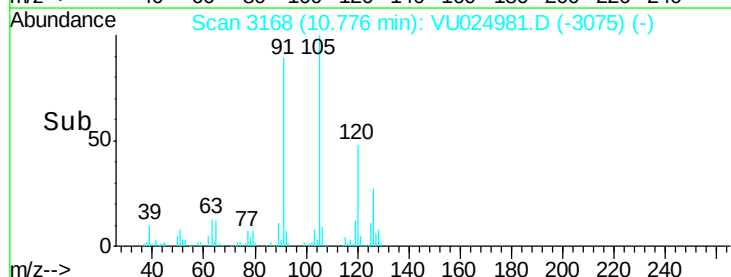
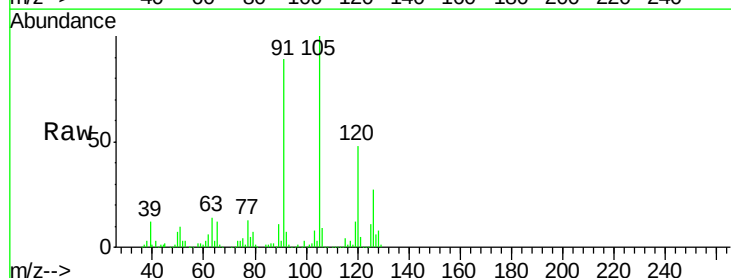
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

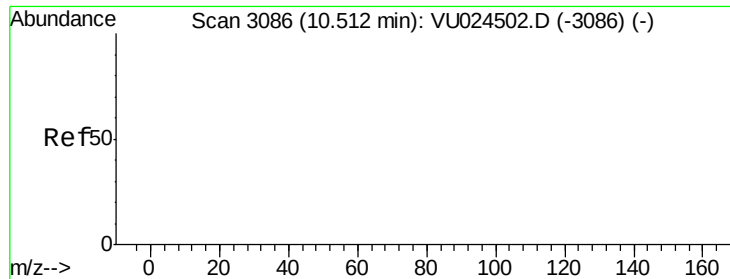
Tgt Ion: 91 Resp: 452006
 Ion Ratio Lower Upper
 91 100
 126 34.3 16.9 50.7



#80
 1,3,5-Trimethylbenzene
 Concen: 51.573 ug/l
 RT: 10.78 min Scan# 3168
 Delta R.T. 0.00 min
 Lab File: VU024981.D
 Acq: 27 Jun 2018 21:43

Tgt Ion: 105 Resp: 569339
 Ion Ratio Lower Upper
 105 100
 120 47.9 24.1 72.2





#81

trans-1,4-Dichloro-2-butene

Concen: 163.359 ug/l

RT: 10.50 min Scan# 3081

Delta R.T. -0.02 min

Lab File: VU024981.D

Acq: 27 Jun 2018 21:43

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

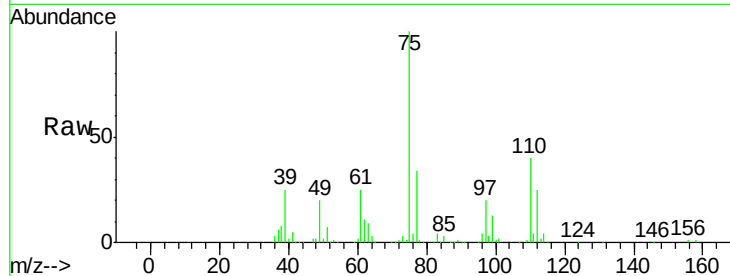
Tgt Ion: 75 Resp: 257800

Ion Ratio Lower Upper

75 100

53 0.0 0.0 0.0

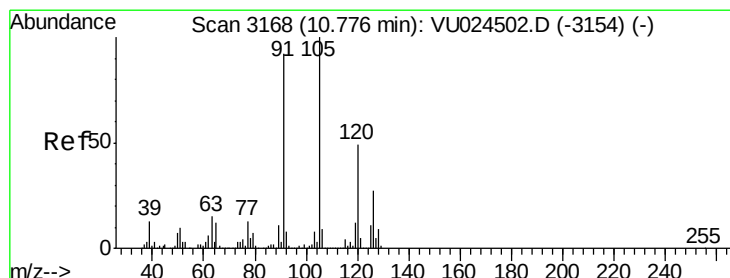
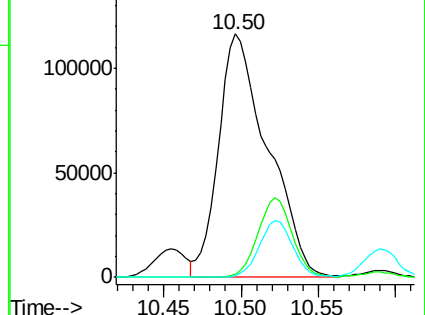
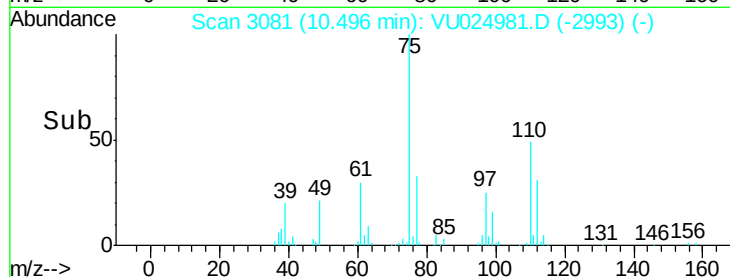
89 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 53.00 (52.70 to 53.70): VU0

Ion 88.90 (88.60 to 89.60): VU0



#82

4-Chlorotoluene

Concen: 50.150 ug/l

RT: 10.78 min Scan# 3168

Delta R.T. 0.00 min

Lab File: VU024981.D

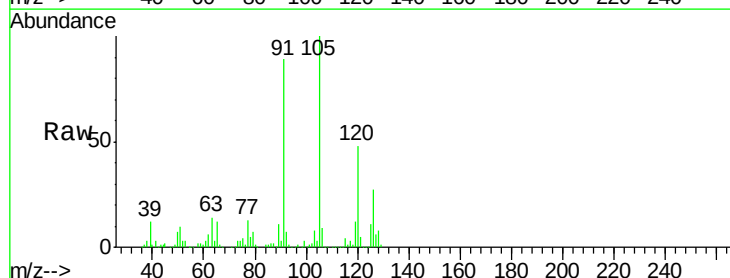
Acq: 27 Jun 2018 21:43

Tgt Ion: 91 Resp: 516459

Ion Ratio Lower Upper

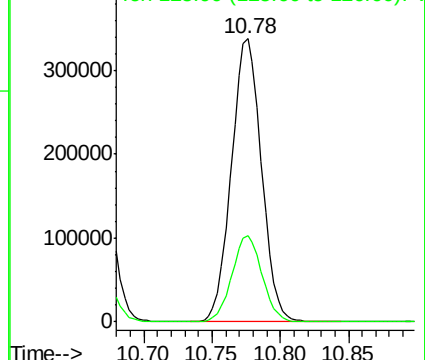
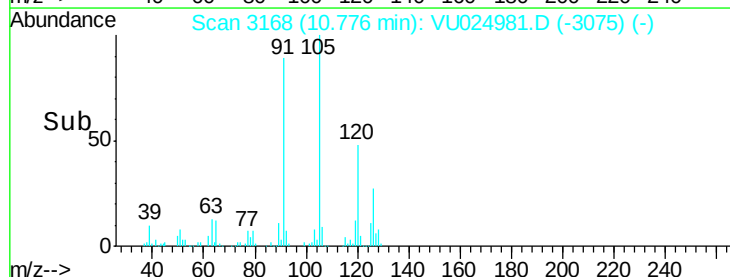
91 100

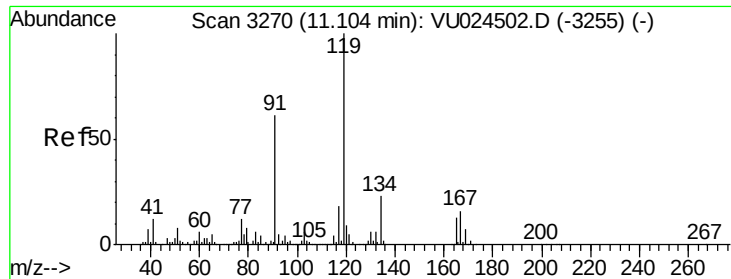
126 30.6 14.9 44.9



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 53.018 ug/l

RT: 11.10 min Scan# 3270

Delta R.T. 0.00 min

Lab File: VU024981.D

Acq: 27 Jun 2018 21:43

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

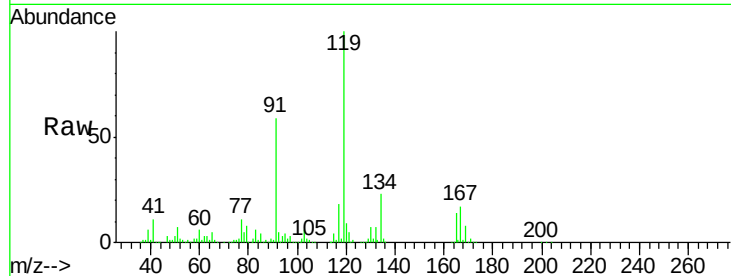
Tgt Ion:119 Resp: 563012

Ion Ratio Lower Upper

119 100

91 59.7 29.7 89.1

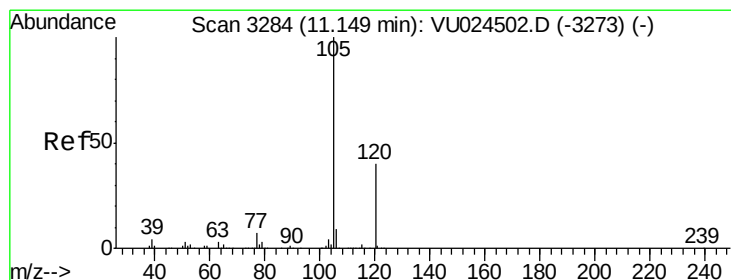
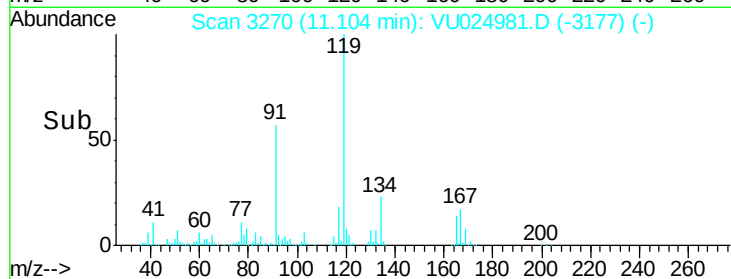
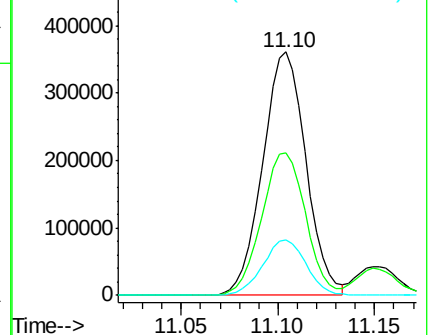
134 22.8 11.6 34.7



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: 51.529 ug/l

RT: 11.15 min Scan# 3285

Delta R.T. 0.00 min

Lab File: VU024981.D

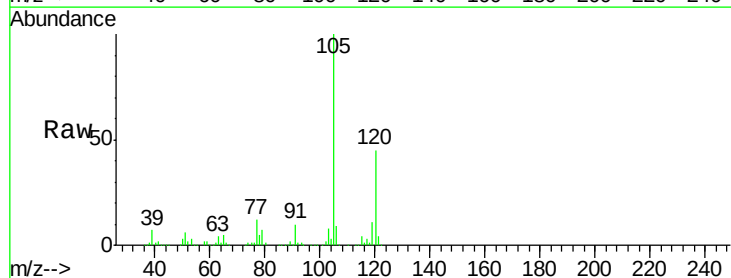
Acq: 27 Jun 2018 21:43

Tgt Ion:105 Resp: 579722

Ion Ratio Lower Upper

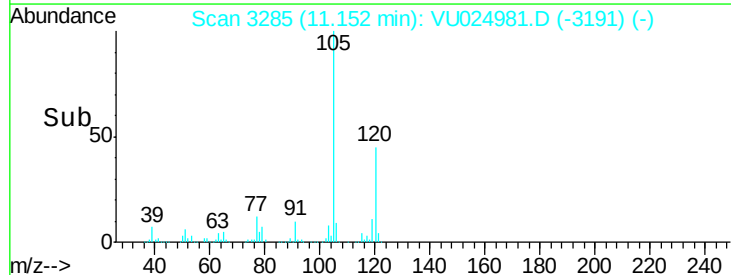
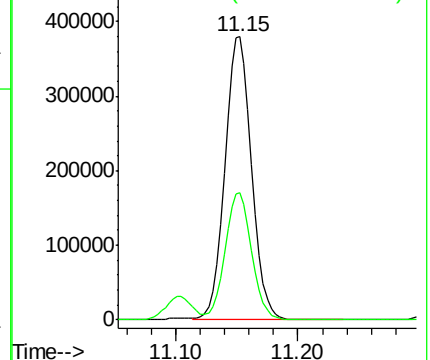
105 100

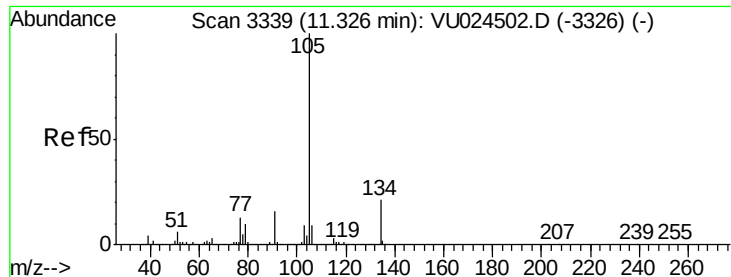
120 44.9 22.6 67.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 51.004 ug/l

RT: 11.33 min Scan# 3339

Delta R.T. 0.00 min

Lab File: VU024981.D

Acq: 27 Jun 2018 21:43

Instrument :

MSVOA_U

ClientSampleId :

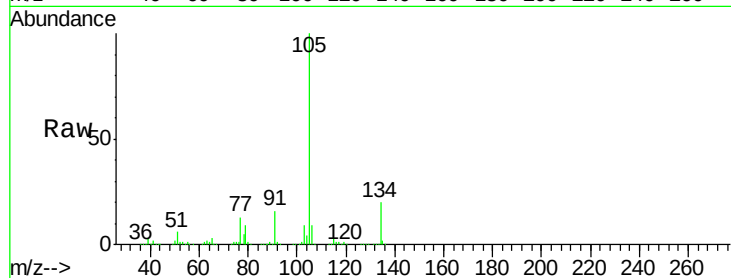
VSTDCCC050

Tgt Ion:105 Resp: 677967

Ion Ratio Lower Upper

105 100

134 20.2 9.7 29.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.33

400000

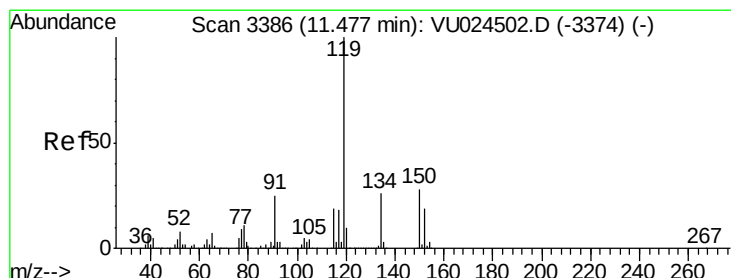
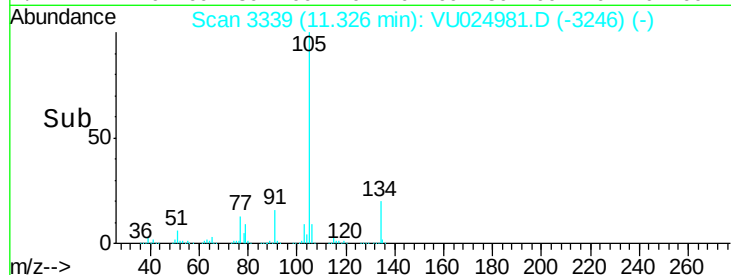
300000

200000

100000

0

Time--> 11.20 11.30 11.40



#86

p-Isopropyltoluene

Concen: 50.593 ug/l

RT: 11.48 min Scan# 3386

Delta R.T. 0.00 min

Lab File: VU024981.D

Acq: 27 Jun 2018 21:43

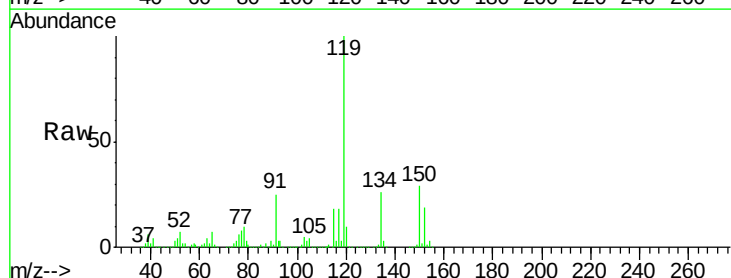
Tgt Ion:119 Resp: 602300

Ion Ratio Lower Upper

119 100

134 26.3 12.9 38.6

91 24.2 12.0 36.1



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VU0

11.48

400000

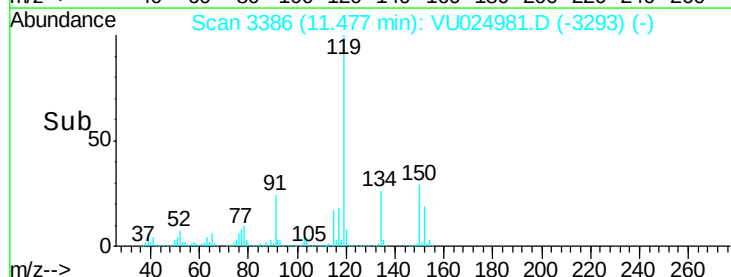
300000

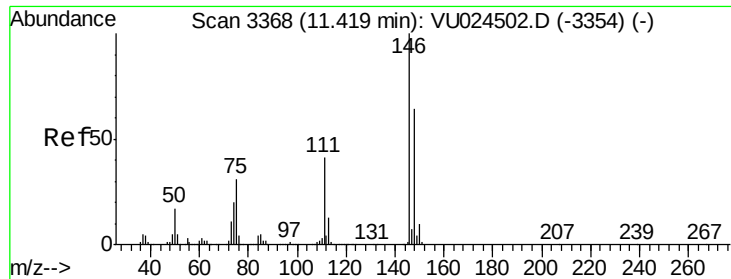
200000

100000

0

Time--> 11.40 11.50

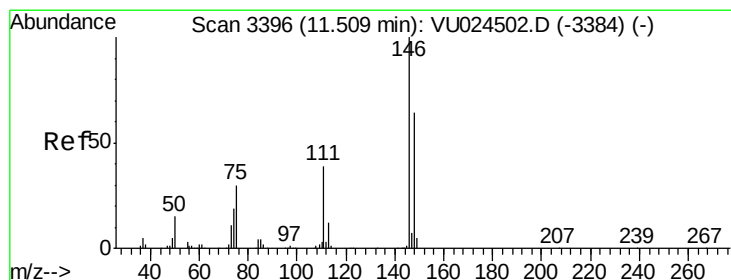
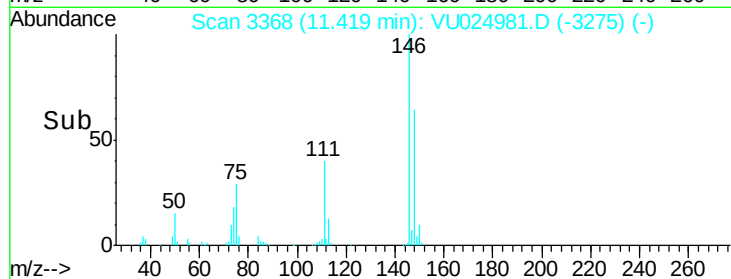
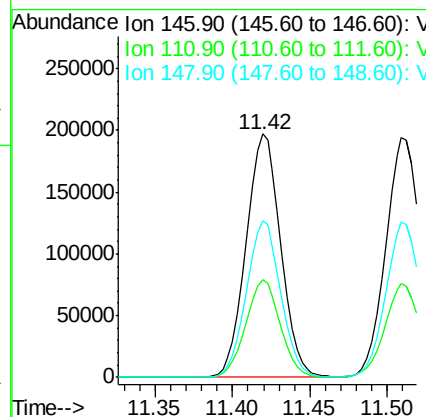
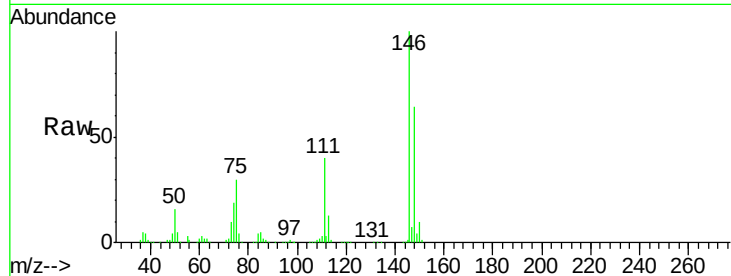




#87
 1,3-Dichlorobenzene
 Concen: 51.478 ug/l
 RT: 11.42 min Scan# 3368
 Delta R.T. 0.00 min
 Lab File: VU024981.D
 Acq: 27 Jun 2018 21:43

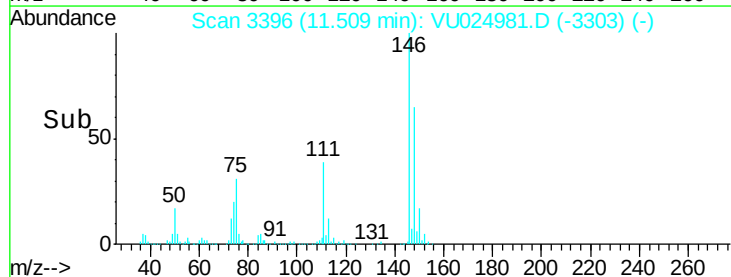
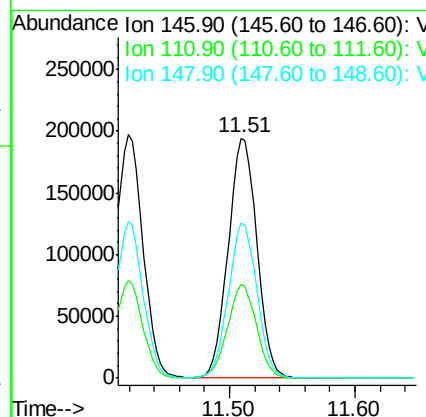
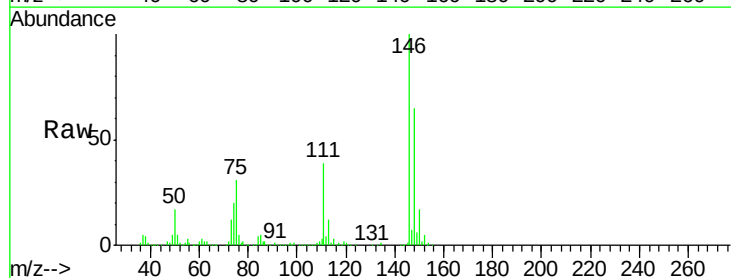
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

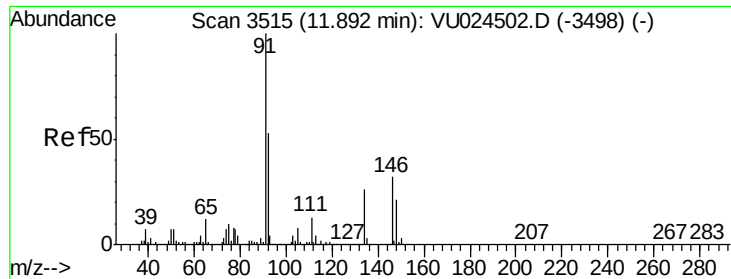
Tgt Ion:146 Resp: 306670
 Ion Ratio Lower Upper
 146 100
 111 39.8 20.0 60.0
 148 63.6 32.1 96.5



#88
 1,4-Dichlorobenzene
 Concen: 51.340 ug/l
 RT: 11.51 min Scan# 3396
 Delta R.T. 0.00 min
 Lab File: VU024981.D
 Acq: 27 Jun 2018 21:43

Tgt Ion:146 Resp: 307833
 Ion Ratio Lower Upper
 146 100
 111 39.7 19.5 58.5
 148 64.1 32.4 97.0





#89

n-Butylbenzene

Concen: 46.630 ug/l

RT: 11.89 min Scan# 3515

Delta R.T. 0.00 min

Lab File: VU024981.D

Acq: 27 Jun 2018 21:43

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

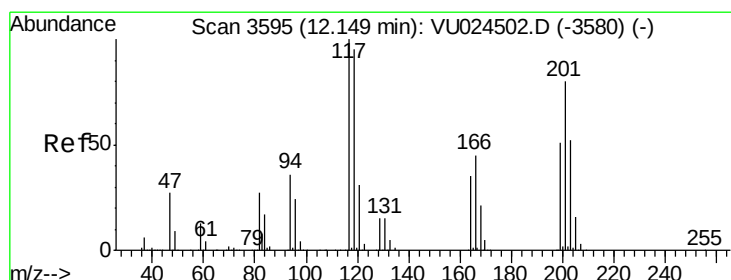
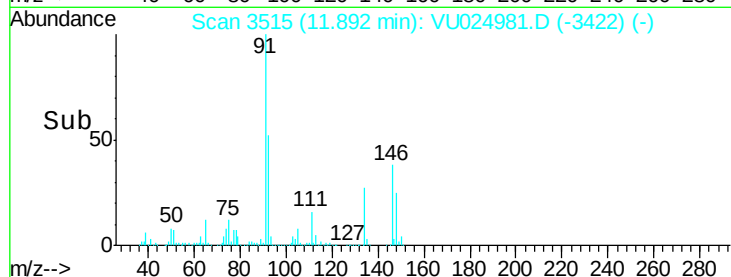
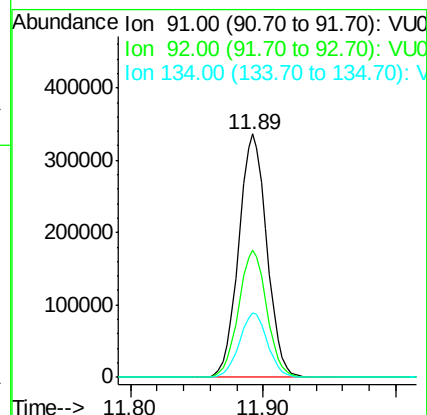
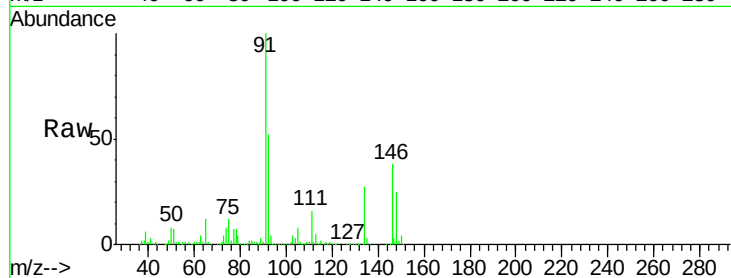
Tgt Ion: 91 Resp: 492849

Ion Ratio Lower Upper

91 100

92 52.4 25.6 76.8

134 26.5 12.3 36.8



#90

Hexachloroethane

Concen: 45.845 ug/l

RT: 12.15 min Scan# 3595

Delta R.T. 0.00 min

Lab File: VU024981.D

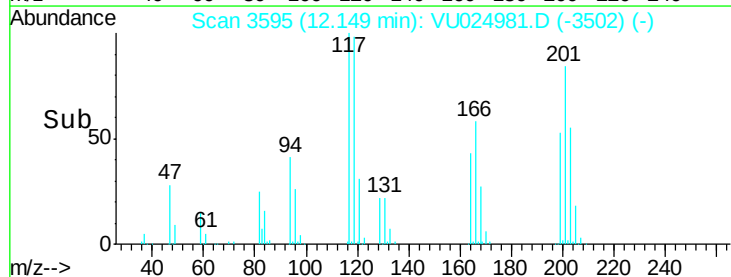
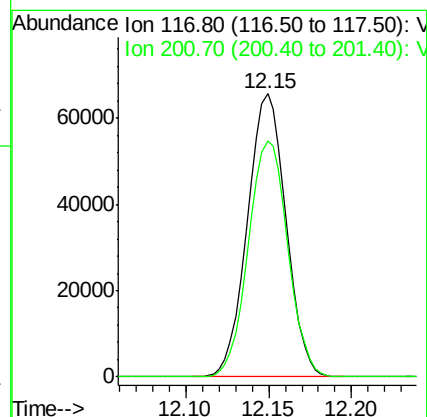
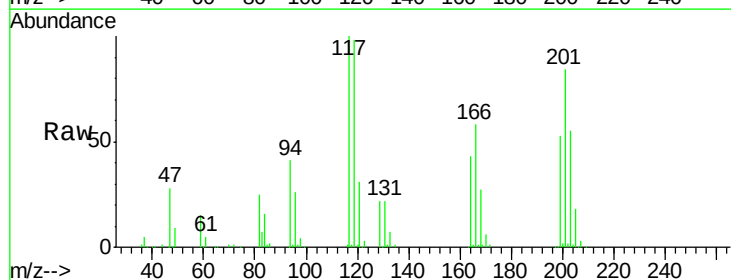
Acq: 27 Jun 2018 21:43

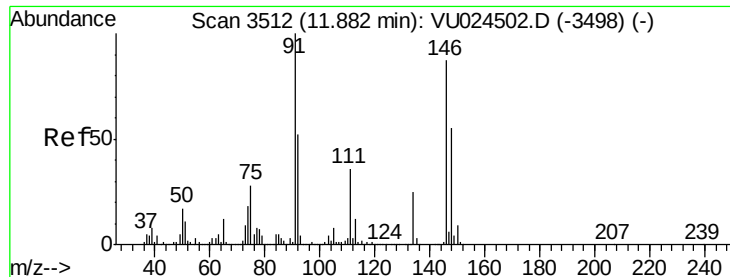
Tgt Ion: 117 Resp: 106468

Ion Ratio Lower Upper

117 100

201 85.3 41.1 123.3

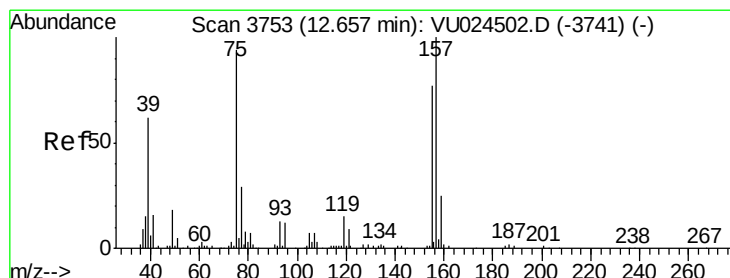
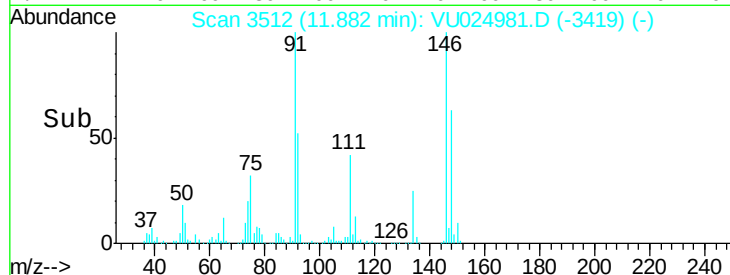
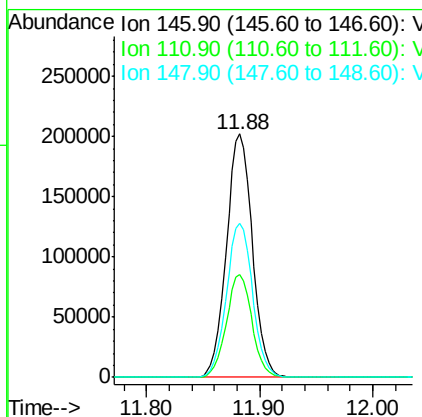
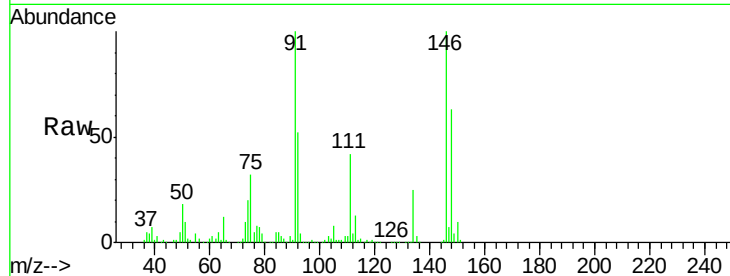




#91
 1,2-Dichlorobenzene
 Concen: 53.794 ug/l
 RT: 11.88 min Scan# 3512
 Delta R.T. 0.00 min
 Lab File: VU024981.D
 Acq: 27 Jun 2018 21:43

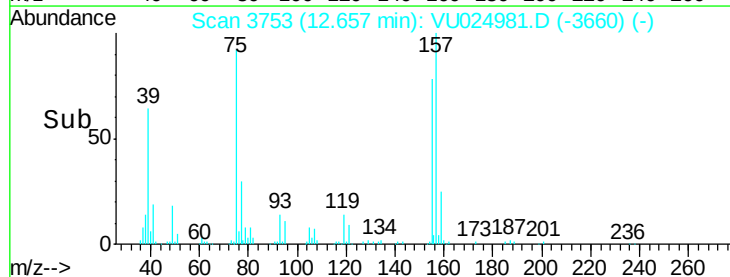
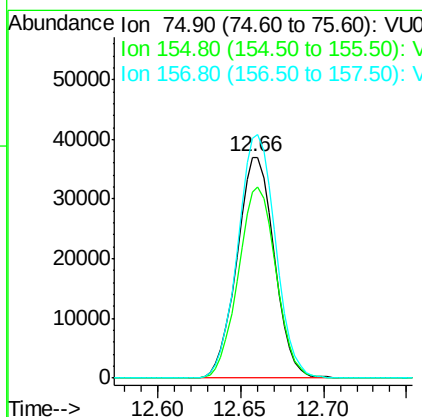
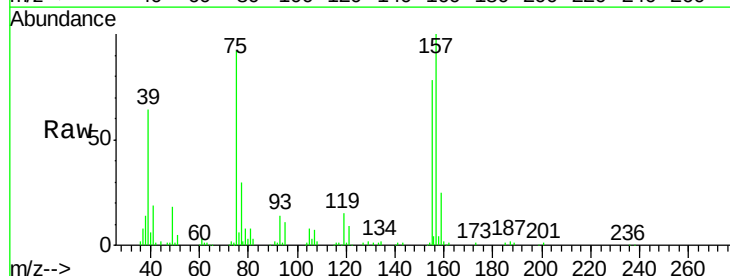
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

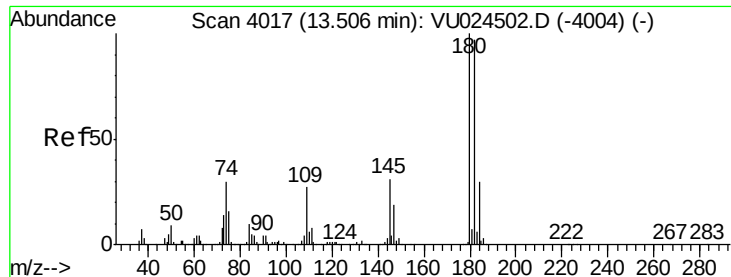
Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.7	20.5	61.6
148	64.1	31.9	95.7



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 49.304 ug/l
 RT: 12.66 min Scan# 3753
 Delta R.T. 0.00 min
 Lab File: VU024981.D
 Acq: 27 Jun 2018 21:43

Tgt Ion	Ratio	Lower	Upper
75	100		
155	87.3	40.4	121.2
157	111.4	52.3	156.8

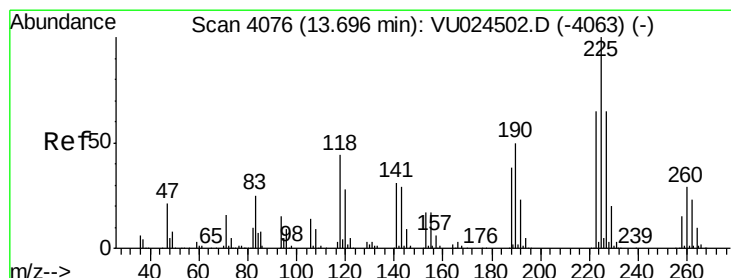
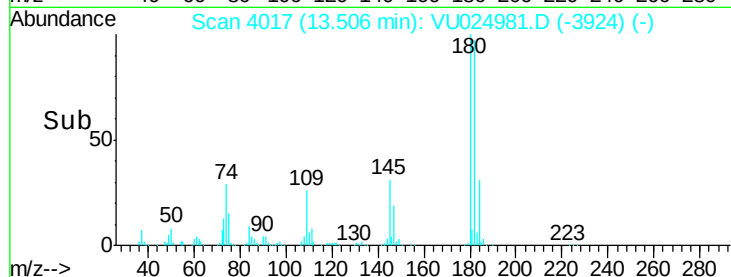
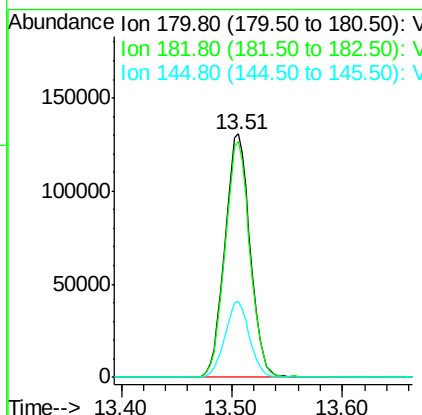
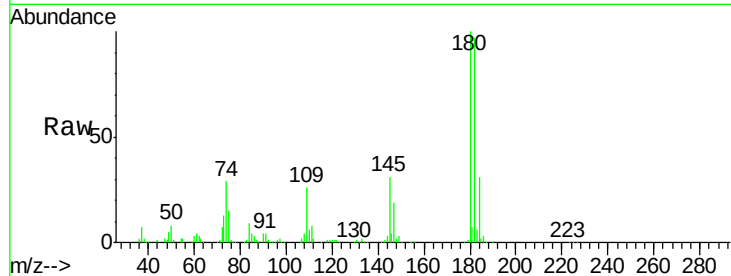




#93
 1,2,4-Trichlorobenzene
 Concen: 56.151 ug/l
 RT: 13.51 min Scan# 4017
 Delta R.T. 0.00 min
 Lab File: VU024981.D
 Acq: 27 Jun 2018 21:43

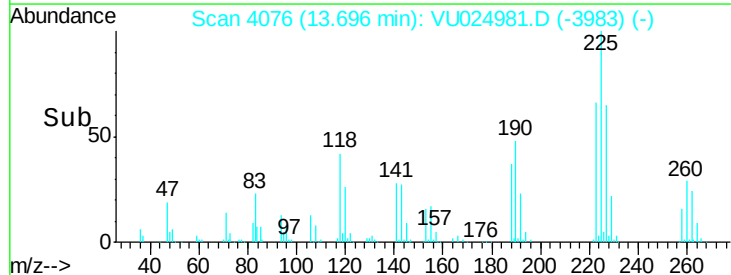
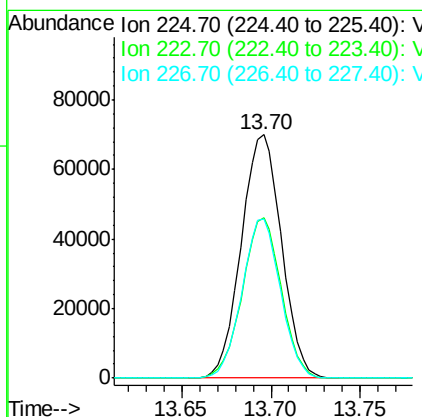
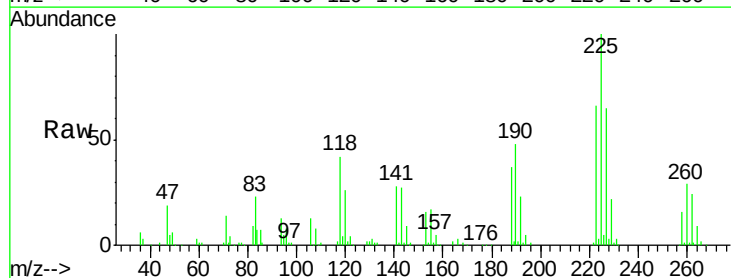
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

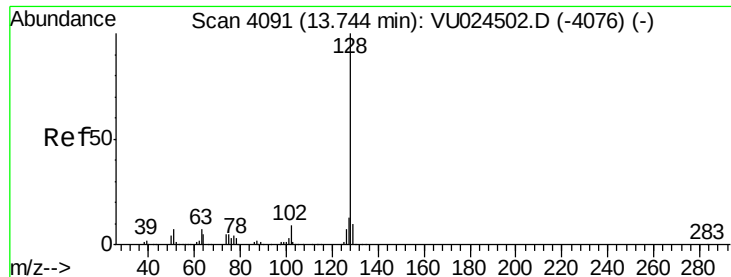
Tgt Ion:180 Resp: 206902
 Ion Ratio Lower Upper
 180 100
 182 95.5 48.0 144.2
 145 30.5 14.7 44.1



#94
 Hexachlorobutadiene
 Concen: 53.274 ug/l
 RT: 13.70 min Scan# 4076
 Delta R.T. 0.00 min
 Lab File: VU024981.D
 Acq: 27 Jun 2018 21:43

Tgt Ion:225 Resp: 110489
 Ion Ratio Lower Upper
 225 100
 223 63.7 31.3 93.8
 227 62.5 31.8 95.4





#95

Naphthalene

Concen: 54.828 ug/l

RT: 13.74 min Scan# 4091

Delta R.T. 0.00 min

Lab File: VU024981.D

Acq: 27 Jun 2018 21:43

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

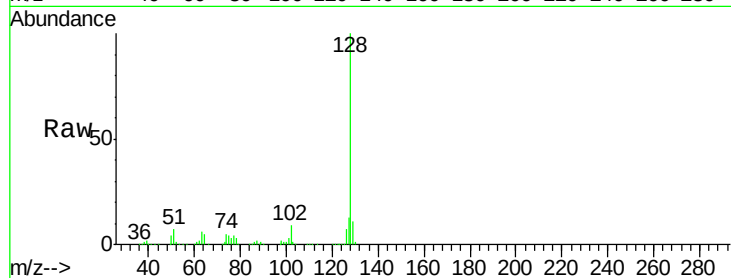
Tgt Ion:128 Resp: 669617

Ion Ratio Lower Upper

128 100

127 12.9 10.6 16.0

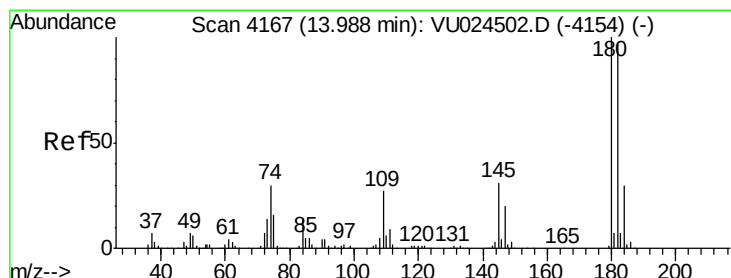
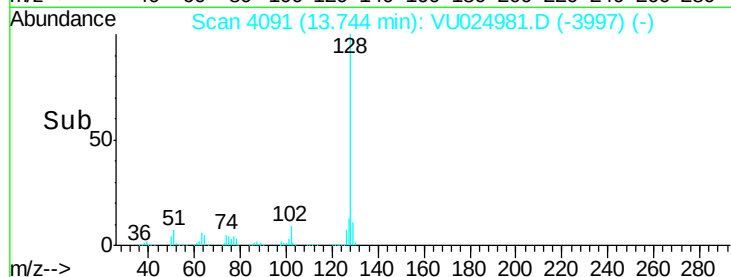
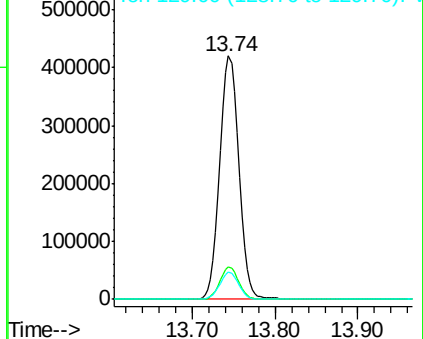
129 10.8 8.6 12.8



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 58.461 ug/l

RT: 13.99 min Scan# 4167

Delta R.T. 0.00 min

Lab File: VU024981.D

Acq: 27 Jun 2018 21:43

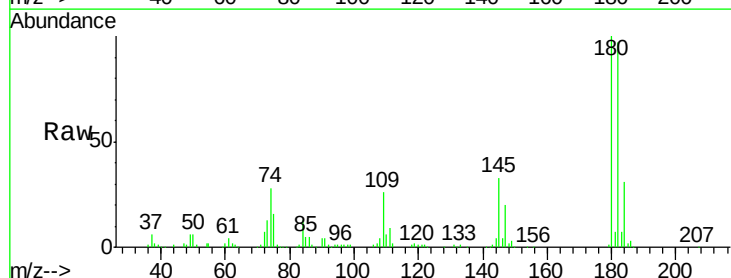
Tgt Ion:180 Resp: 214646

Ion Ratio Lower Upper

180 100

182 96.6 47.9 143.7

145 32.2 15.4 46.1



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

