

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062118\
 Data File : VU024800.D
 Acq On : 21 Jun 2018 10:25
 Operator : MD/SY
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Quant Time: Jun 21 15:21:04 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	180567	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	267236	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	255554	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	159152	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.31	65	128385	43.55	ug/l	0.00
Spiked Amount			Recovery	=	87.10%	
35) Dibromofluoromethane	4.89	113	103790	46.80	ug/l	0.00
Spiked Amount			Recovery	=	93.60%	
50) Toluene-d8	7.57	98	375650	46.43	ug/l	0.00
Spiked Amount			Recovery	=	92.86%	
62) 4-Bromofluorobenzene	10.31	95	150874	46.97	ug/l	0.00
Spiked Amount			Recovery	=	93.94%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.21	85	88758	39.27	ug/l	100
3) Chloromethane	1.33	50	96350	41.73	ug/l	100
4) Vinyl Chloride	1.40	62	104036	43.69	ug/l	99
5) Bromomethane	1.62	94	66592	57.85	ug/l	100
6) Chloroethane	1.70	64	65239	49.01	ug/l	98
7) Trichlorofluoromethane	1.89	101	171919	47.31	ug/l	99
8) Diethyl Ether	2.10	74	62284	50.38	ug/l	87
9) 1,1,2-Trichlorotrifluoroet	2.29	101	99641	44.20	ug/l	97
10) Methyl Iodide	2.41	142	91846	48.33	ug/l	99
11) Tert butyl alcohol	2.82	59	130689	182.29	ug/l	99
12) 1,1-Dichloroethene	2.28	96	92967	45.22	ug/l	90
13) Acrolein	2.19	56	129843	344.89	ug/l	98
14) Allyl chloride	2.59	41	174417	45.69	ug/l	93
15) Acrylonitrile	2.93	53	301976	216.49	ug/l	99
16) Acetone	2.32	43	372368	235.10	ug/l	98
17) Carbon Disulfide	2.48	76	272768	41.43	ug/l	99
18) Methyl Acetate	2.62	43	153161	45.11	ug/l	96
19) Methyl tert-butyl Ether	3.00	73	346444	44.83	ug/l	97
20) Methylene Chloride	2.70	84	105932	42.63	ug/l	97
21) trans-1,2-Dichloroethene	2.99	96	102561	45.29	ug/l	96
22) Diisopropyl ether	3.57	45	349623	46.20	ug/l	96
23) Vinyl Acetate	3.53	43	1517038	223.79	ug/l	99
24) 1,1-Dichloroethane	3.45	63	193963	44.55	ug/l	98
25) 2-Butanone	4.26	43	483118	227.09	ug/l	96
26) 2,2-Dichloropropane	4.23	77	186578	45.13	ug/l	99
27) cis-1,2-Dichloroethene	4.23	96	120009	46.10	ug/l	99
28) Bromochloromethane	4.55	49	85598	44.64	ug/l	86
29) Tetrahydrofuran	4.63	42	282286	214.26	ug/l	97
30) Chloroform	4.68	83	207002	46.98	ug/l	99
31) Cyclohexane	5.00	56	186501	48.17	ug/l	96
32) 1,1,1-Trichloroethane	4.92	97	188956	46.37	ug/l	96
36) 1,1-Dichloropropene	5.14	75	151157	48.14	ug/l	97
37) Ethyl Acetate	4.38	43	167611	48.97	ug/l	98
38) Carbon Tetrachloride	5.14	117	170052	49.24	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062118\
 Data File : VU024800.D
 Acq On : 21 Jun 2018 10:25
 Operator : MD/SY
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Quant Time: Jun 21 15:21:04 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U061318W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 13 13:55:26 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.42	83	198606	50.68	ug/l	95
40) Benzene	5.39	78	444831	49.71	ug/l	99
41) Methacrylonitrile	4.54	41	93208	50.51	ug/l	98
42) 1,2-Dichloroethane	5.41	62	174366	51.16	ug/l	100
43) Isopropyl Acetate	5.55	43	272790	46.11	ug/l	99
44) Trichloroethene	6.19	130	123322	48.43	ug/l	96
45) 1,2-Dichloropropane	6.44	63	119030	49.86	ug/l	97
46) Dibromomethane	6.56	93	85683	51.09	ug/l	96
47) Bromodichloromethane	6.76	83	162076	48.53	ug/l	99
48) Methyl methacrylate	6.62	41	137814	47.84	ug/l	97
49) 1,4-Dioxane	6.62	88	61088	1084.31	ug/l	96
51) 4-Methyl-2-Pentanone	7.46	43	867762	233.47	ug/l	98
52) Toluene	7.64	92	288460	50.11	ug/l	100
53) t-1,3-Dichloropropene	7.88	75	183983	49.06	ug/l	98
54) cis-1,3-Dichloropropene	7.27	75	193263	48.36	ug/l	99
55) 1,1,2-Trichloroethane	8.07	97	117952	50.41	ug/l	98
56) Ethyl methacrylate	8.02	69	185360	47.33	ug/l	99
57) 1,3-Dichloropropane	8.25	76	199678	50.58	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.13	63	383167	255.36	ug/l	96
59) 2-Hexanone	8.36	43	715673	235.85	ug/l	99
60) Dibromochloromethane	8.48	129	137253	47.04	ug/l	99
61) 1,2-Dibromoethane	8.59	107	129124	49.58	ug/l	98
64) Tetrachloroethene	8.23	164	114423	47.10	ug/l	97
65) Chlorobenzene	9.12	112	331718	50.81	ug/l	100
66) 1,1,1,2-Tetrachloroethane	9.21	131	122657	49.45	ug/l	97
67) Ethyl Benzene	9.25	91	571176	49.91	ug/l	97
68) m/p-Xylenes	9.38	106	454661	103.45	ug/l	96
69) o-Xylene	9.78	106	219858	50.55	ug/l	95
70) Styrene	9.80	104	355135	49.69	ug/l	99
71) Bromoform	9.96	173	108797	46.15	ug/l #	98
73) Isopropylbenzene	10.17	105	596906	48.85	ug/l	98
74) N-amyl acetate	10.01	43	258699	44.51	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.46	83	190654	46.56	ug/l	99
76) 1,2,3-Trichloropropane	10.50	75	226122	64.53	ug/l	81
77) Bromobenzene	10.45	156	151435	48.95	ug/l	95
78) n-propylbenzene	10.59	91	696775	48.41	ug/l	97
79) 2-Chlorotoluene	10.66	91	411330	48.46	ug/l	98
80) 1,3,5-Trimethylbenzene	10.78	105	523652	49.44	ug/l	99
81) trans-1,4-Dichloro-2-buten	10.50	75	226122	149.36	ug/l #	100
82) 4-Chlorotoluene	10.78	91	480993	48.69	ug/l	100
83) tert-Butylbenzene	11.10	119	516552	50.70	ug/l	99
84) 1,2,4-Trimethylbenzene	11.15	105	535674	49.63	ug/l	99
85) sec-Butylbenzene	11.33	105	635149	49.81	ug/l	97
86) p-Isopropyltoluene	11.48	119	570627	49.96	ug/l	99
87) 1,3-Dichlorobenzene	11.42	146	284072	49.71	ug/l	100
88) 1,4-Dichlorobenzene	11.51	146	288245	50.11	ug/l	99
89) n-Butylbenzene	11.89	91	504198	49.73	ug/l	98
90) Hexachloroethane	12.15	117	98841	44.36	ug/l	97
91) 1,2-Dichlorobenzene	11.88	146	286358	50.02	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.66	75	50745	44.91	ug/l	91

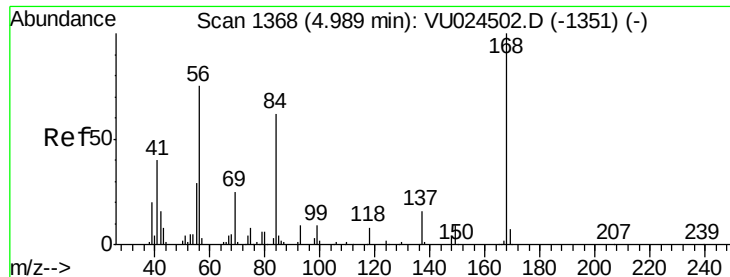
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU062118\
Data File : VU024800.D
Acq On : 21 Jun 2018 10:25
Operator : MD/SY
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Quant Time: Jun 21 15:21:04 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\82U061318W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 13 13:55:26 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.51	180	209081	59.15	ug/l	100
94) Hexachlorobutadiene	13.70	225	108120	54.34	ug/l	99
95) Naphthalene	13.74	128	646464	55.17	ug/l	99
96) 1,2,3-Trichlorobenzene	13.99	180	213682	60.66	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 4.99 min Scan# 1368

Delta R.T. -0.00 min

Lab File: VU024800.D

Acq: 21 Jun 2018 10:25

Instrument :

MSVOA_U

ClientSampleId :

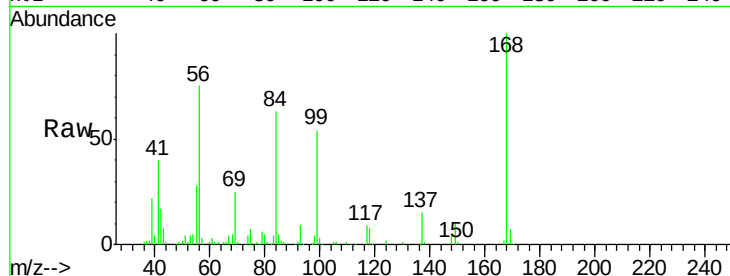
VSTDCCC050

Tot Ion:168 Resp: 180567

Ion Ratio Lower Upper

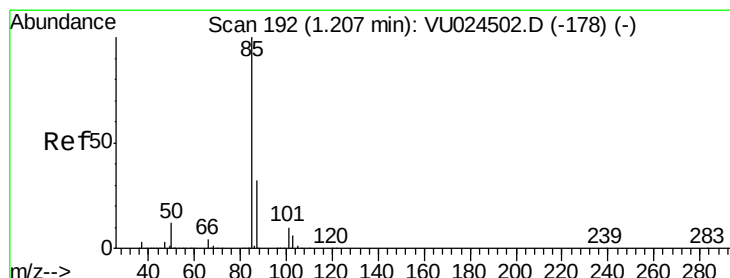
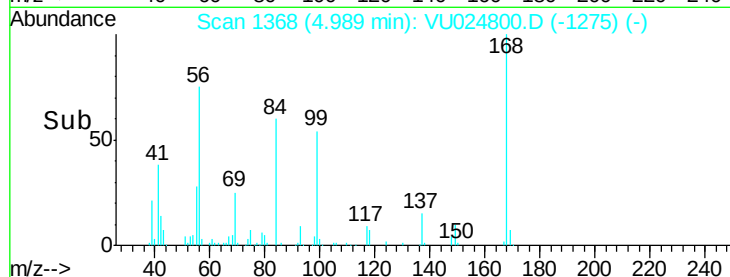
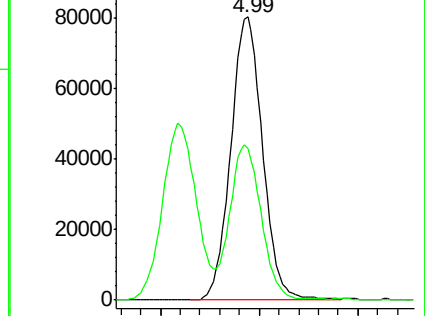
168 100

99 53.2 43.2 64.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VU0



#2

Dichlorodifluoromethane

Concen: 39.27 ug/l

RT: 1.21 min Scan# 192

Delta R.T. -0.00 min

Lab File: VU024800.D

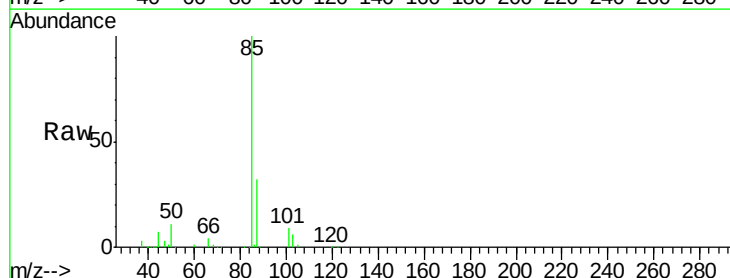
Acq: 21 Jun 2018 10:25

Tgt Ion: 85 Resp: 88758

Ion Ratio Lower Upper

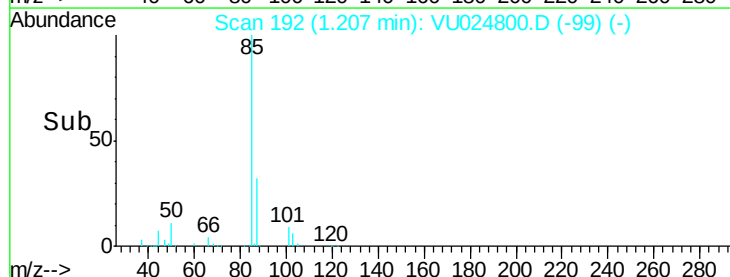
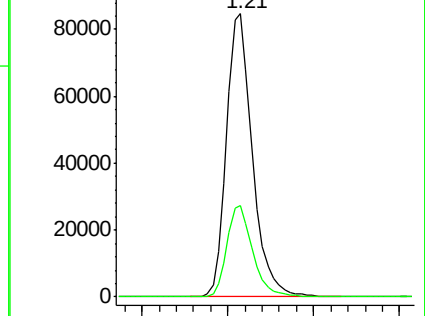
85 100

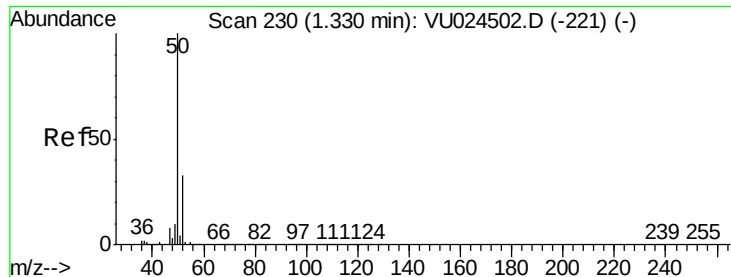
87 32.2 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VU0

Ion 86.90 (86.60 to 87.60): VU0

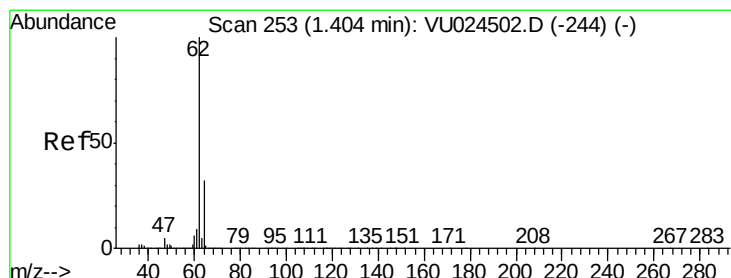
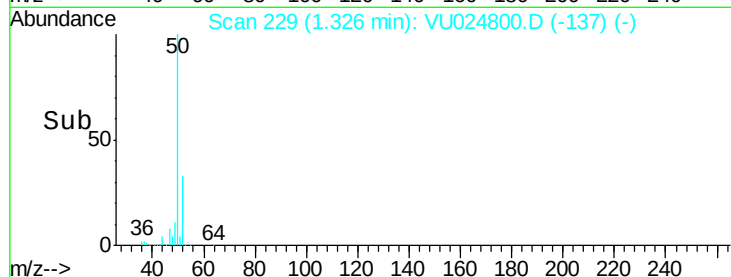
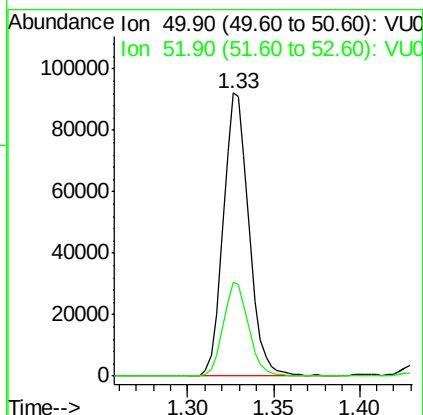
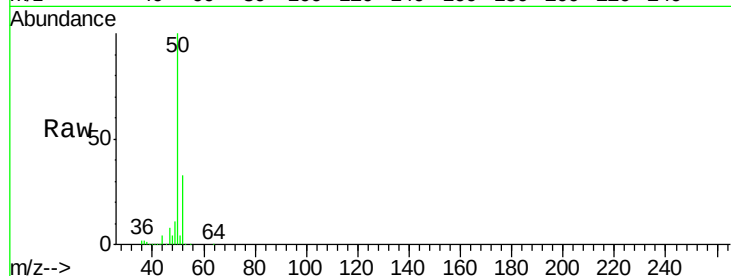




#3
Chloromethane
Concen: 41.73 ug/l
RT: 1.33 min Scan# 229
Delta R.T. -0.00 min
Lab File: VU024800.D
Acq: 21 Jun 2018 10:25

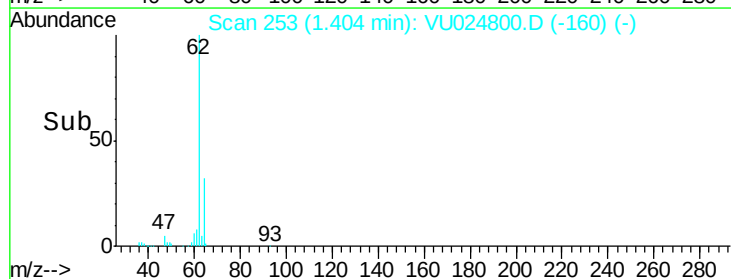
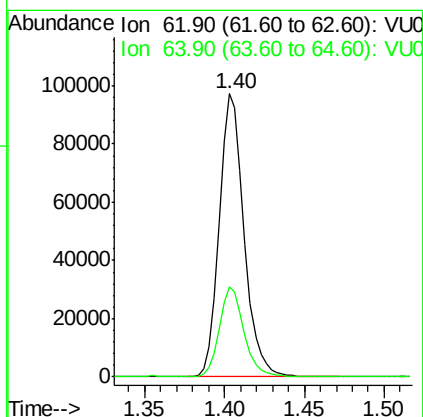
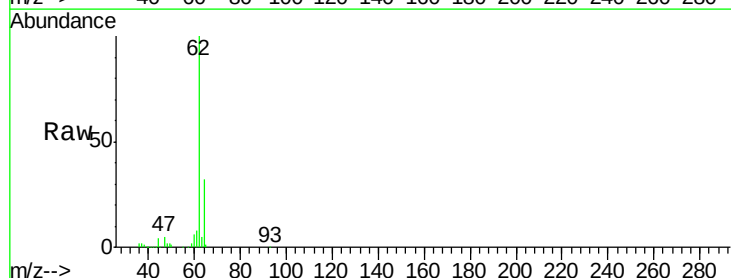
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

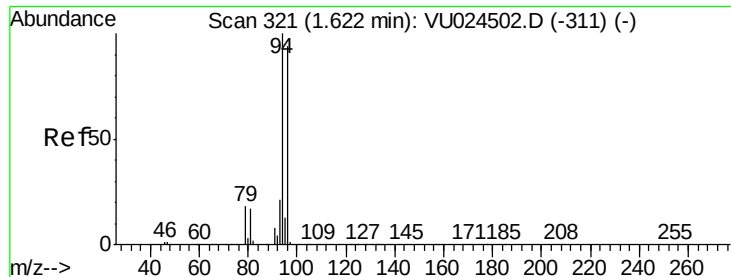
Tot Ion: 50 Resp: 96350
Ion Ratio Lower Upper
50 100
52 33.2 26.4 39.6



#4
Vinyl Chloride
Concen: 43.69 ug/l
RT: 1.40 min Scan# 253
Delta R.T. -0.00 min
Lab File: VU024800.D
Acq: 21 Jun 2018 10:25

Tgt Ion: 62 Resp: 104036
Ion Ratio Lower Upper
62 100
64 31.7 24.8 37.2





#5

Bromomethane

Concen: 57.85 ug/l

RT: 1.62 min Scan# 321

Delta R.T. -0.00 min

Lab File: VU024800.D

Acq: 21 Jun 2018 10:25

Instrument :

MSVOA_U

ClientSampleId :

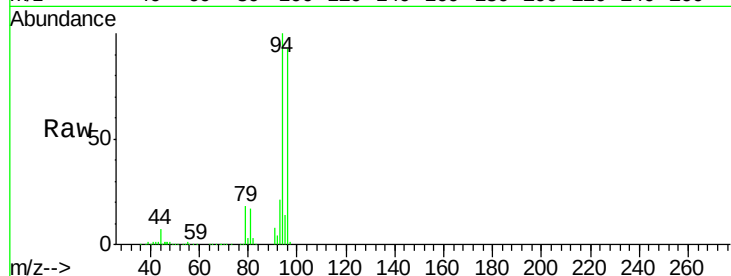
VSTDCCC050

Tot Ion: 94 Resp: 66592

Ion Ratio Lower Upper

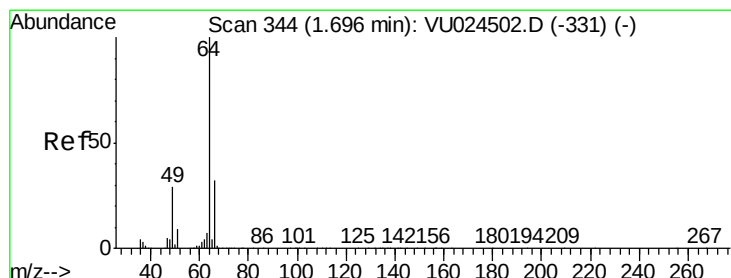
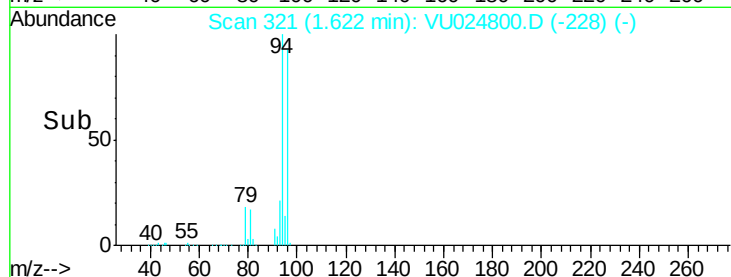
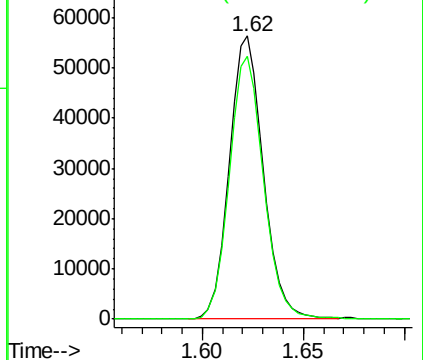
94 100

96 92.7 74.5 111.7



Abundance Ion 93.90 (93.60 to 94.60): VU0

Ion 95.90 (95.60 to 96.60): VU0



#6

Chloroethane

Concen: 49.01 ug/l

RT: 1.70 min Scan# 344

Delta R.T. 0.00 min

Lab File: VU024800.D

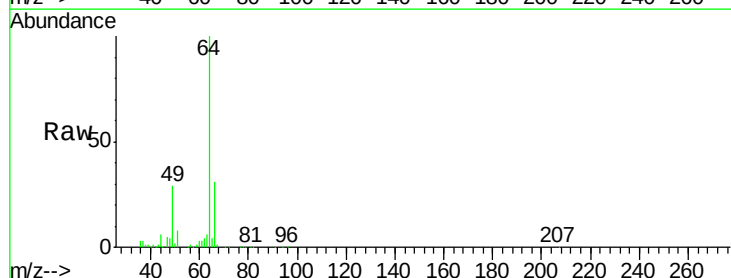
Acq: 21 Jun 2018 10:25

Tgt Ion: 64 Resp: 65239

Ion Ratio Lower Upper

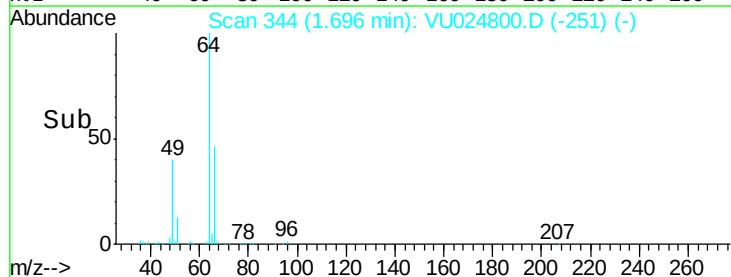
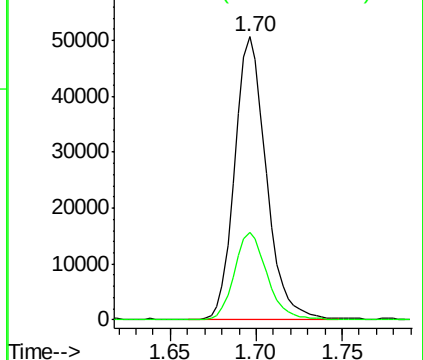
64 100

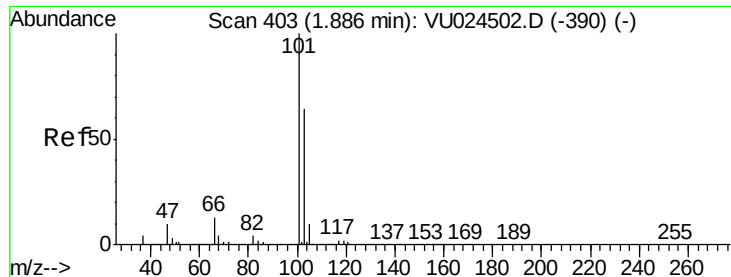
66 31.0 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VU0

Ion 65.90 (65.60 to 66.60): VU0



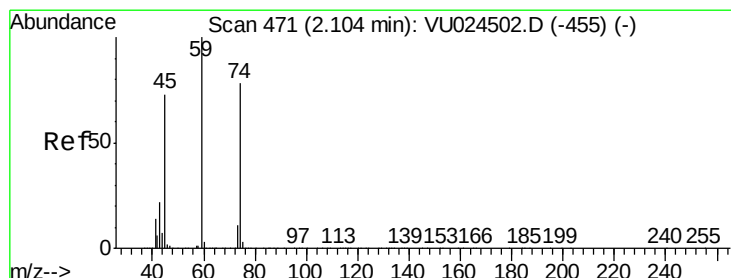
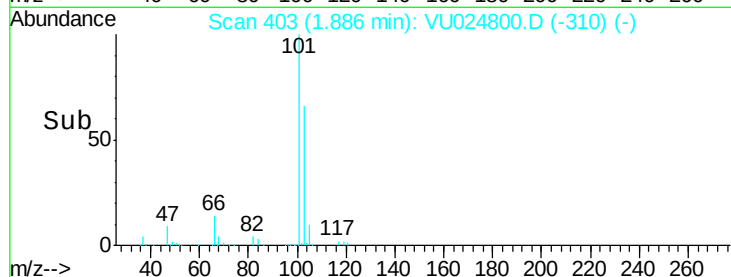
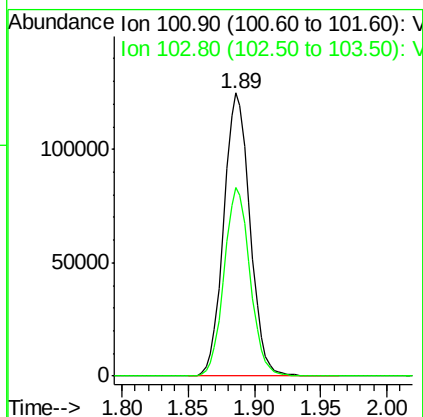
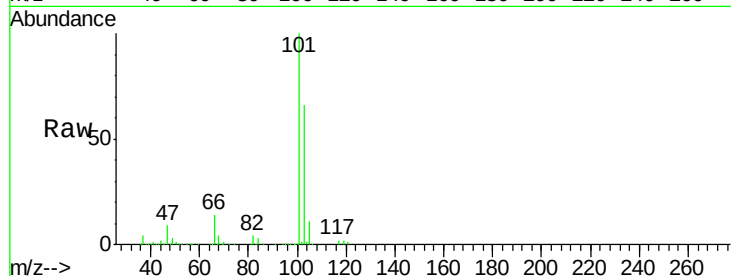


#7

Trichlorofluoromethane
Concen: 47.31 ug/l
RT: 1.89 min Scan# 403
Delta R.T. -0.00 min
Lab File: VU024800.D
Acq: 21 Jun 2018 10:25

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

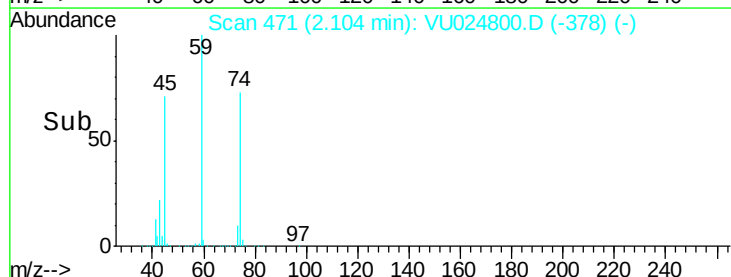
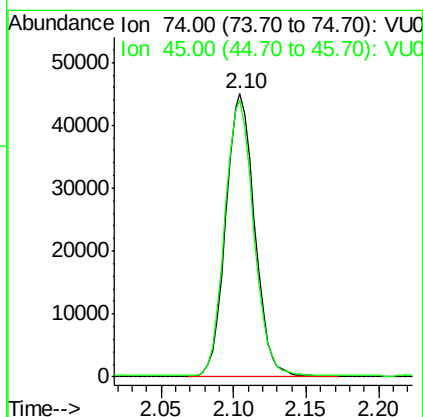
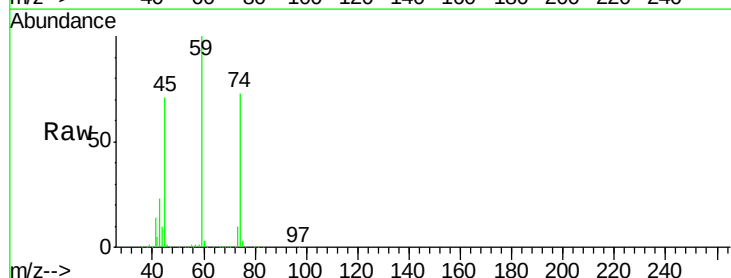
Tot Ion:101 Resp: 171919
Ion Ratio Lower Upper
101 100
103 66.5 52.3 78.5

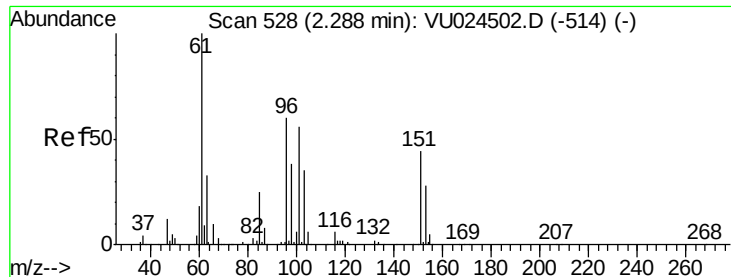


#8

Diethyl Ether
Concen: 50.38 ug/l
RT: 2.10 min Scan# 471
Delta R.T. 0.00 min
Lab File: VU024800.D
Acq: 21 Jun 2018 10:25

Tgt Ion: 74 Resp: 62284
Ion Ratio Lower Upper
74 100
45 96.7 55.0 165.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 44.20 ug/l

RT: 2.29 min Scan# 528

Delta R.T. -0.00 min

Lab File: VU024800.D

Acq: 21 Jun 2018 10:25

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

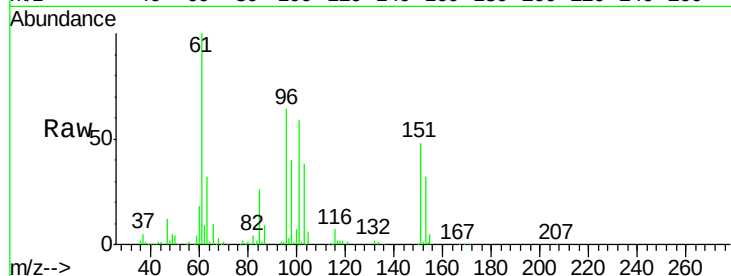
Tot Ion:101 Resp: 99641

Ion Ratio Lower Upper

101 100

85 44.1 36.0 54.0

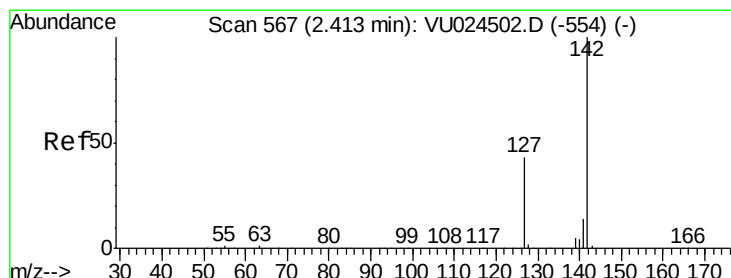
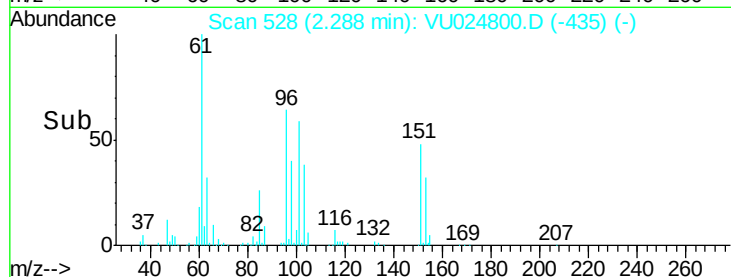
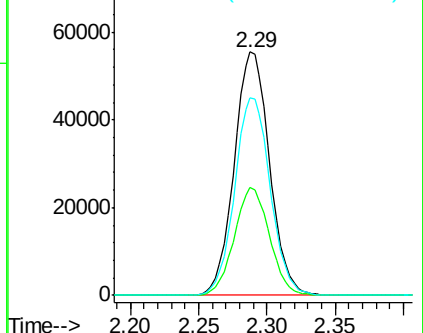
151 82.0 62.3 93.5



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: 48.33 ug/l

RT: 2.41 min Scan# 567

Delta R.T. 0.00 min

Lab File: VU024800.D

Acq: 21 Jun 2018 10:25

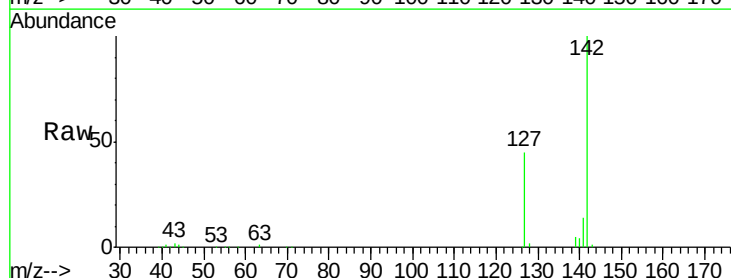
Tgt Ion:142 Resp: 91846

Ion Ratio Lower Upper

142 100

127 43.6 35.6 53.4

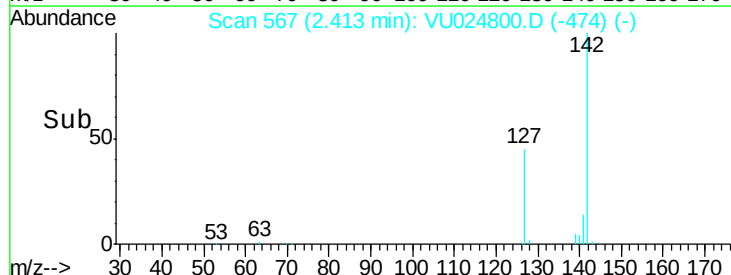
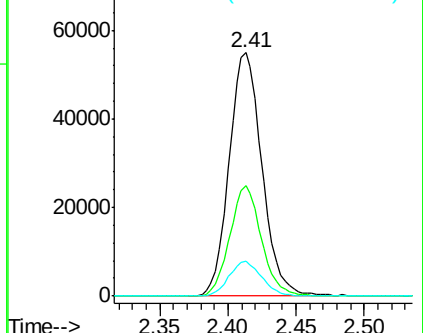
141 14.3 11.7 17.5

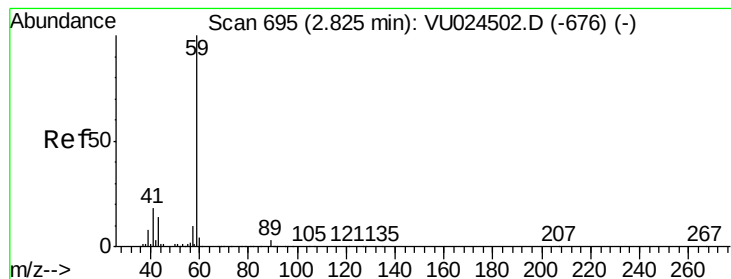


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 182.29 ug/l

RT: 2.82 min Scan# 695

Delta R.T. -0.00 min

Lab File: VU024800.D

Acq: 21 Jun 2018 10:25

Instrument :

MSVOA_U

ClientSampleId :

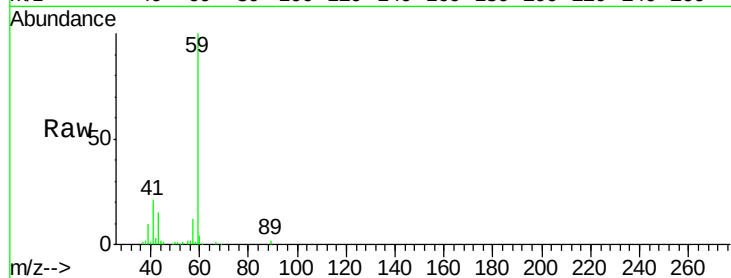
VSTDCCC050

Tot Ion: 59 Resp: 130689

Ion Ratio Lower Upper

59 100

57 10.8 8.5 12.7

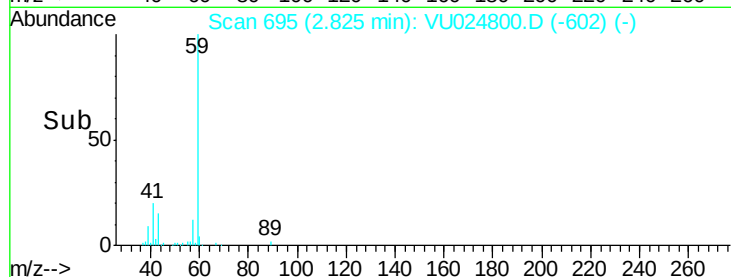


Abundance Ion 59.00 (58.70 to 59.70): VU024800.D (-602) (-)

Ion 57.00 (56.70 to 57.70): VU024800.D (-602) (-)

2.82

Time-->



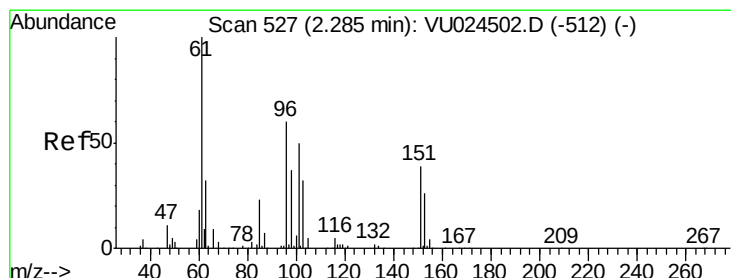
Abundance

Ion 59.00 (58.70 to 59.70): VU024800.D (-602) (-)

Ion 57.00 (56.70 to 57.70): VU024800.D (-602) (-)

2.82

Time-->



#12

1,1-Dichloroethene

Concen: 45.22 ug/l

RT: 2.28 min Scan# 527

Delta R.T. -0.00 min

Lab File: VU024800.D

Acq: 21 Jun 2018 10:25

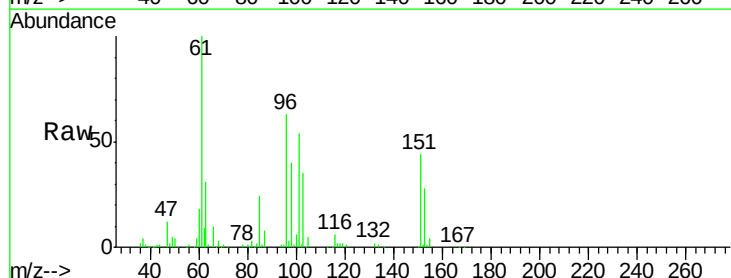
Tgt Ion: 96 Resp: 92967

Ion Ratio Lower Upper

96 100

61 159.0 141.7 212.5

98 62.9 51.6 77.4



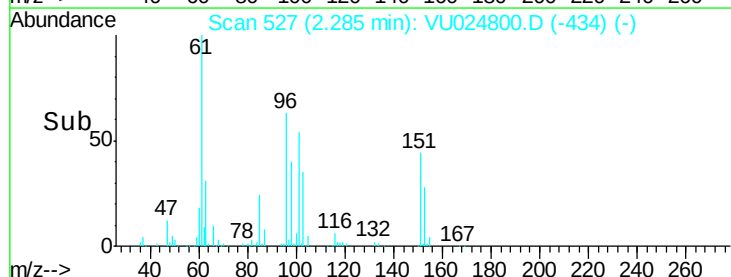
Abundance Ion 95.90 (95.60 to 96.60): VU024800.D (-434) (-)

Ion 60.90 (60.60 to 61.60): VU024800.D (-434) (-)

Ion 97.90 (97.60 to 98.60): VU024800.D (-434) (-)

2.28

Time-->



Abundance

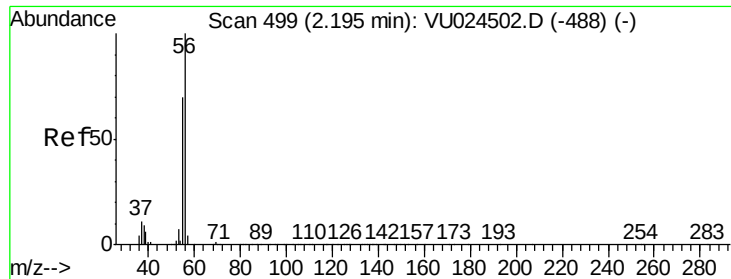
Ion 95.90 (95.60 to 96.60): VU024800.D (-434) (-)

Ion 60.90 (60.60 to 61.60): VU024800.D (-434) (-)

Ion 97.90 (97.60 to 98.60): VU024800.D (-434) (-)

2.28

Time-->



#13

Acrolein

Concen: 344.89 ug/l

RT: 2.19 min Scan# 499

Delta R.T. -0.00 min

Lab File: VU024800.D

Acq: 21 Jun 2018 10:25

Instrument :

MSVOA_U

ClientSampleId :

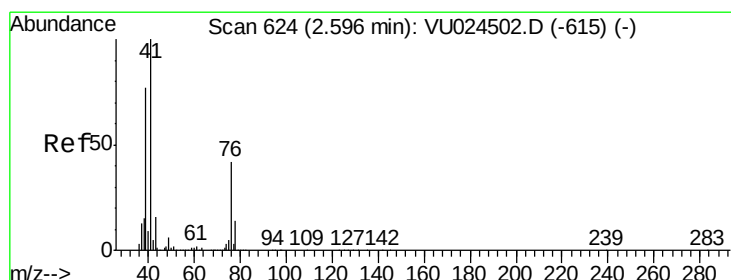
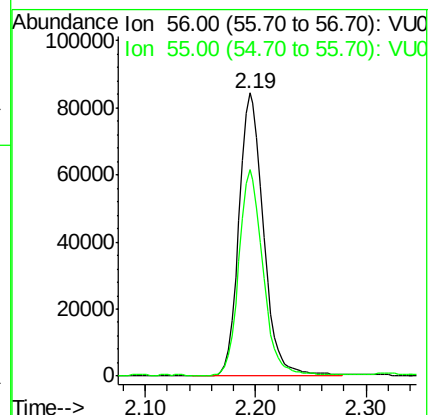
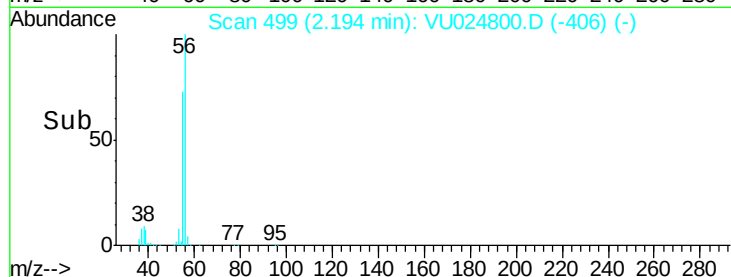
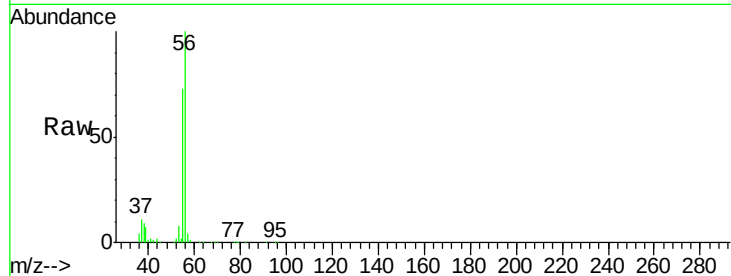
VSTDCCC050

Tot Ion: 56 Resp: 129843

Ion Ratio Lower Upper

56 100

55 71.0 58.4 87.6



#14

Allyl chloride

Concen: 45.69 ug/l

RT: 2.59 min Scan# 623

Delta R.T. -0.00 min

Lab File: VU024800.D

Acq: 21 Jun 2018 10:25

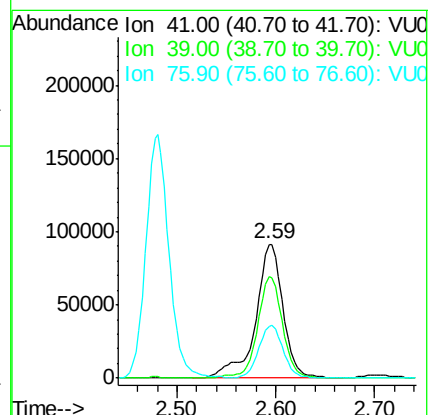
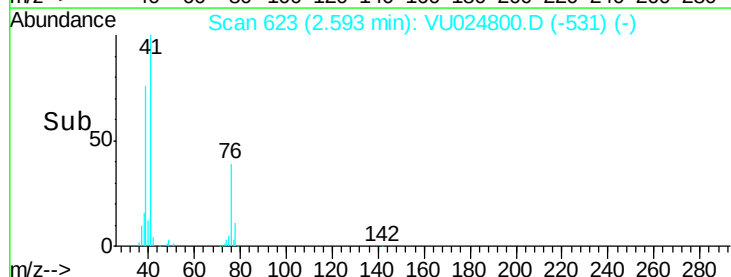
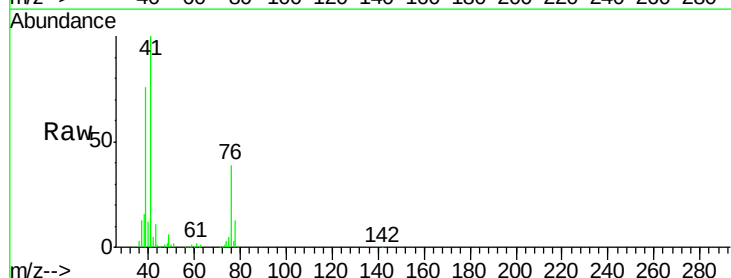
Tgt Ion: 41 Resp: 174417

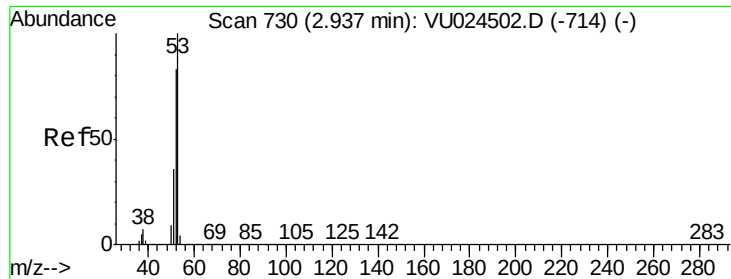
Ion Ratio Lower Upper

41 100

39 69.4 61.6 92.4

76 34.9 29.7 44.5

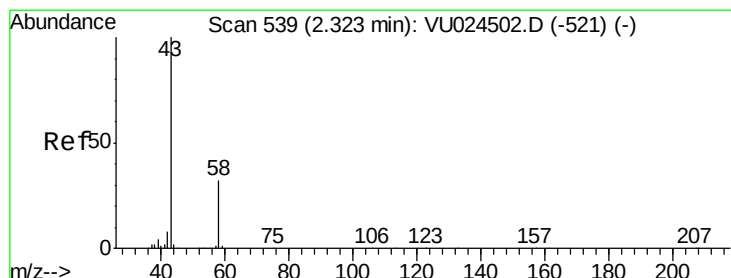
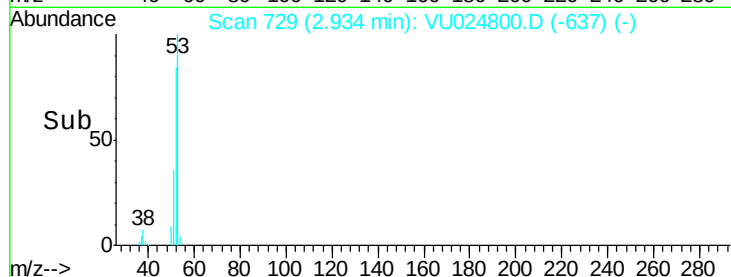
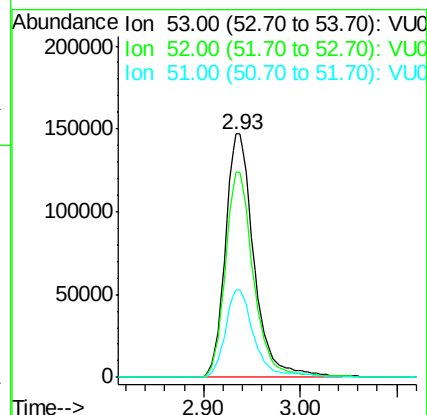
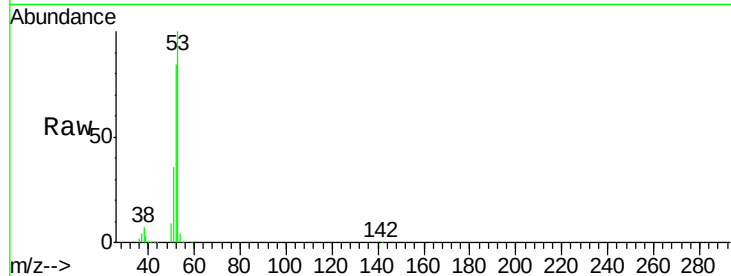




#15
 Acrylonitrile
 Concen: 216.49 ug/l
 RT: 2.93 min Scan# 729
 Delta R.T. -0.00 min
 Lab File: VU024800.D
 Acq: 21 Jun 2018 10:25

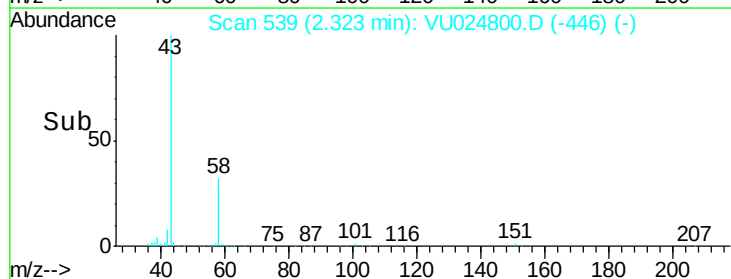
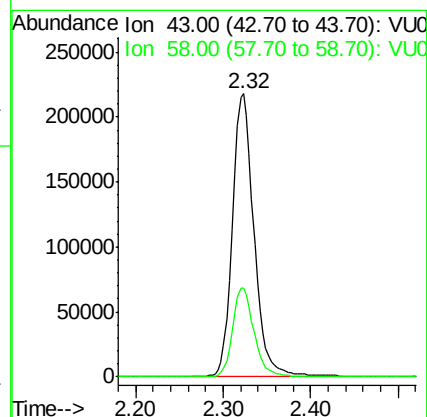
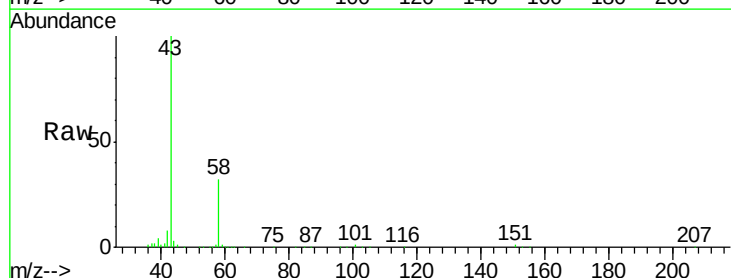
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

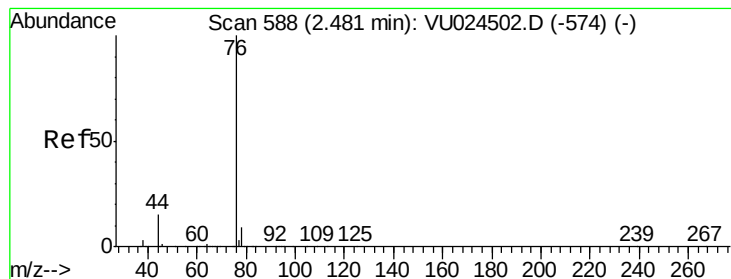
Tot Ion	53	Resp	301976
Ion Ratio	100		
52	82.7	67.1	100.7
51	36.3	28.4	42.6



#16
 Acetone
 Concen: 235.10 ug/l
 RT: 2.32 min Scan# 539
 Delta R.T. -0.00 min
 Lab File: VU024800.D
 Acq: 21 Jun 2018 10:25

Tgt Ion	43	Resp	372368
Ion Ratio	100		
58	31.5	24.4	36.6





#17

Carbon Disulfide

Concen: 41.43 ug/l

RT: 2.48 min Scan# 588

Delta R.T. -0.00 min

Lab File: VU024800.D

Acq: 21 Jun 2018 10:25

Instrument :

MSVOA_U

ClientSampleId :

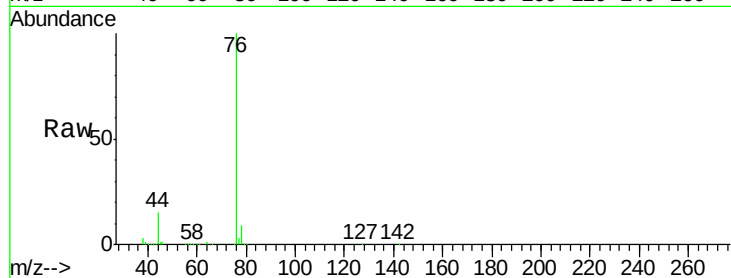
VSTDCCC050

Tot Ion: 76 Resp: 272768

Ion Ratio Lower Upper

76 100

78 9.1 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VU0

Ion 77.90 (77.60 to 78.60): VU0

2.48

150000

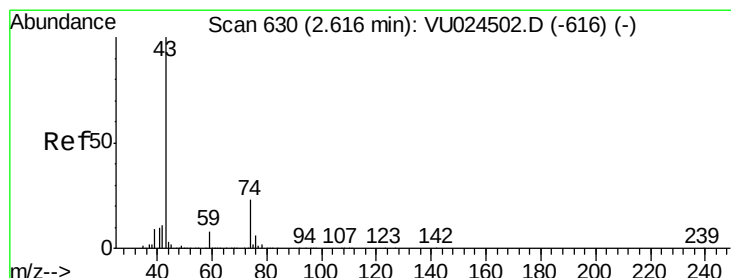
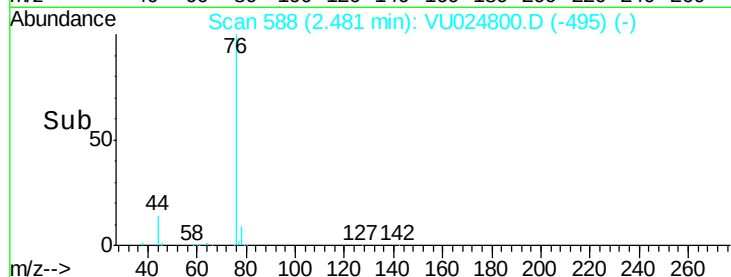
100000

50000

0

Time-->

2.40 2.45 2.50 2.55



#18

Methyl Acetate

Concen: 45.11 ug/l

RT: 2.62 min Scan# 630

Delta R.T. -0.00 min

Lab File: VU024800.D

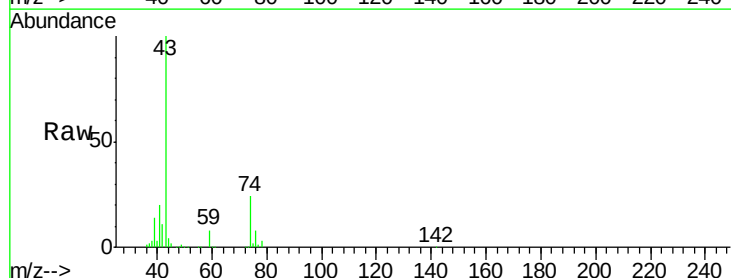
Acq: 21 Jun 2018 10:25

Tgt Ion: 43 Resp: 153161

Ion Ratio Lower Upper

43 100

74 24.5 18.0 27.0



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 74.00 (73.70 to 74.70): VU0

2.62

100000

80000

60000

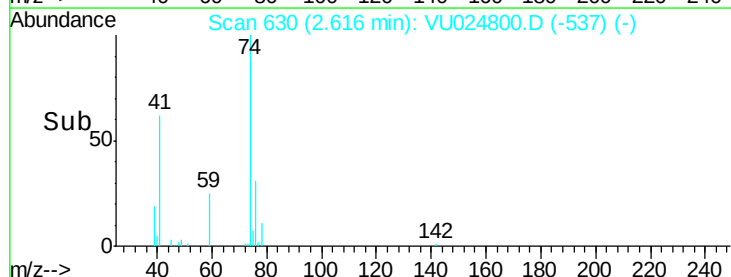
40000

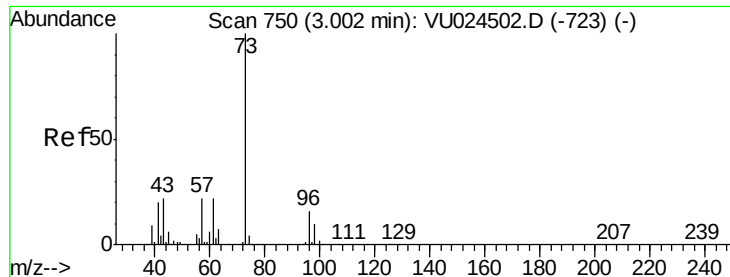
20000

0

Time-->

2.55 2.60 2.65 2.70

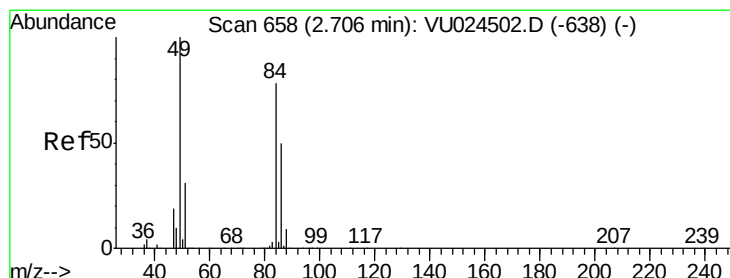
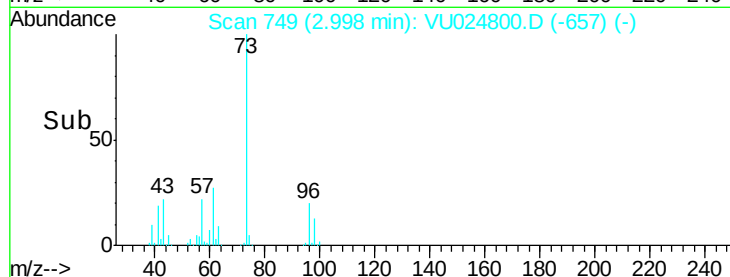
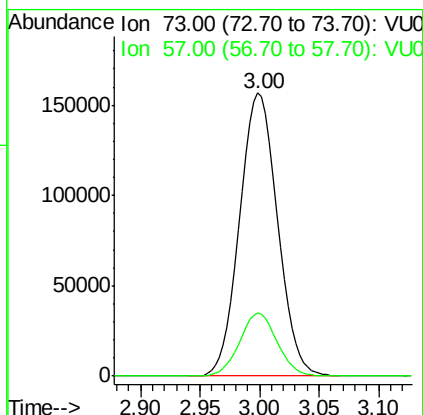
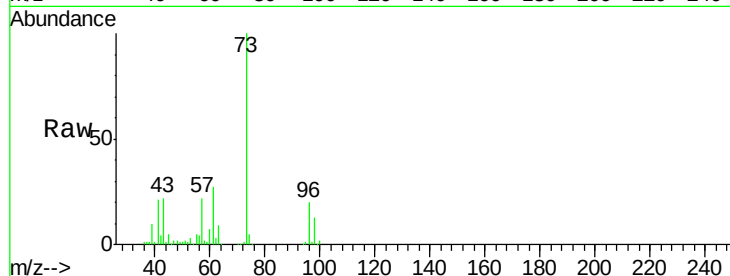




#19
Methvl tert-butvl Ether
Concen: 44.83 ug/l
RT: 3.00 min Scan# 749
Delta R.T. -0.00 min
Lab File: VU024800.D
Acq: 21 Jun 2018 10:25

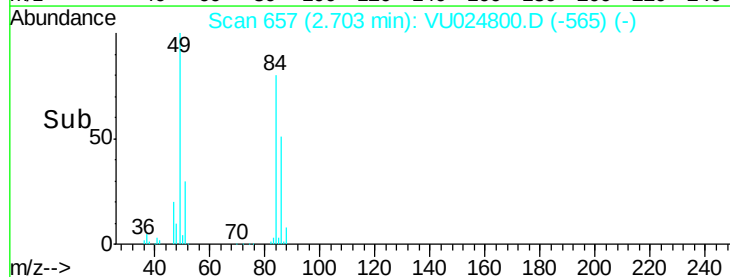
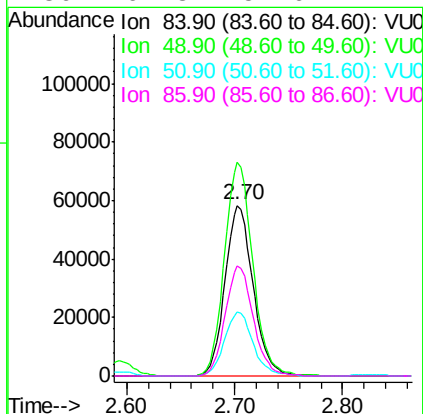
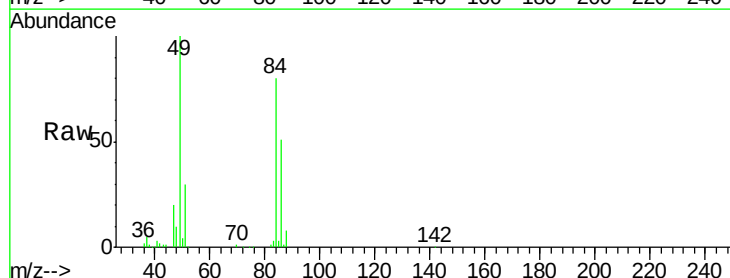
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

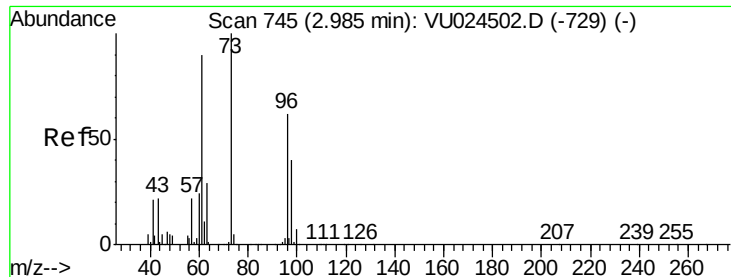
Tot Ion: 73 Resp: 346444
Ion Ratio Lower Upper
73 100
57 22.1 18.8 28.2



#20
Methylene Chloride
Concen: 42.63 ug/l
RT: 2.70 min Scan# 657
Delta R.T. -0.00 min
Lab File: VU024800.D
Acq: 21 Jun 2018 10:25

Tgt Ion: 84 Resp: 105932
Ion Ratio Lower Upper
84 100
49 125.0 103.8 155.8
51 37.5 32.0 48.0
86 64.3 51.6 77.4





#21

trans-1,2-Dichloroethene

Concen: 45.29 ug/l

RT: 2.99 min Scan# 745

Delta R.T. -0.00 min

Lab File: VU024800.D

Acq: 21 Jun 2018 10:25

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

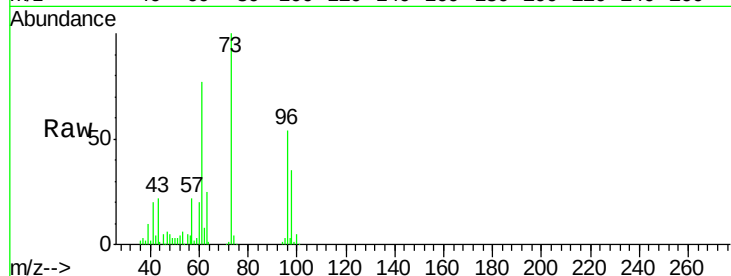
Tot Ion: 96 Resp: 102561

Ion Ratio Lower Upper

96 100

61 143.0 119.4 179.0

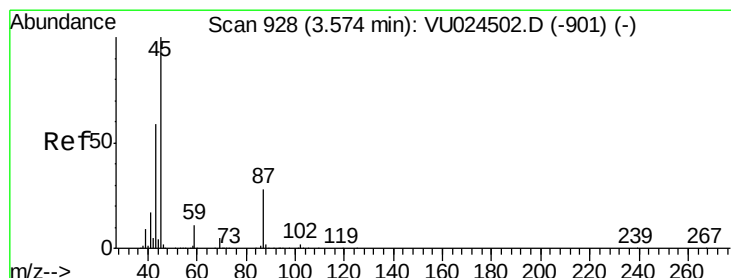
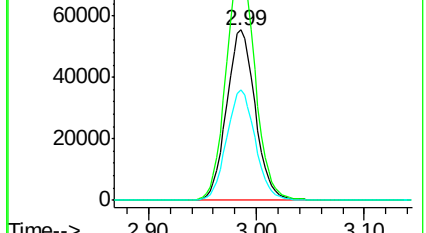
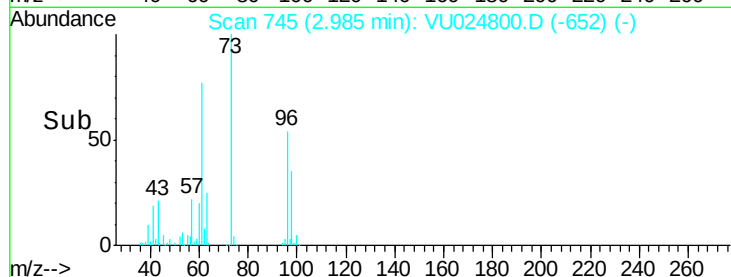
98 64.6 51.1 76.7



Abundance Ion 95.90 (95.60 to 96.60): VU024800.D (-652) (-)

Ion 60.90 (60.60 to 61.60): VU024800.D (-652) (-)

Ion 97.90 (97.60 to 98.60): VU024800.D (-652) (-)



#22

Diisopropyl ether

Concen: 46.20 ug/l

RT: 3.57 min Scan# 927

Delta R.T. -0.00 min

Lab File: VU024800.D

Acq: 21 Jun 2018 10:25

Tgt Ion: 45 Resp: 349623

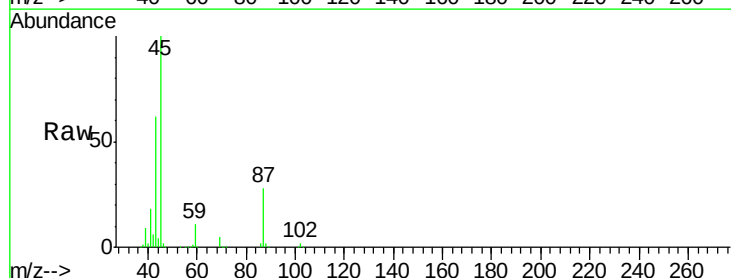
Ion Ratio Lower Upper

45 100

43 60.8 45.8 68.6

87 27.9 20.6 31.0

59 11.1 9.4 14.0

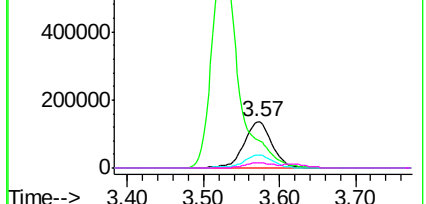
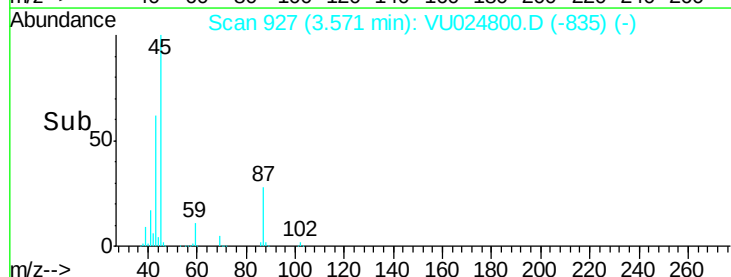


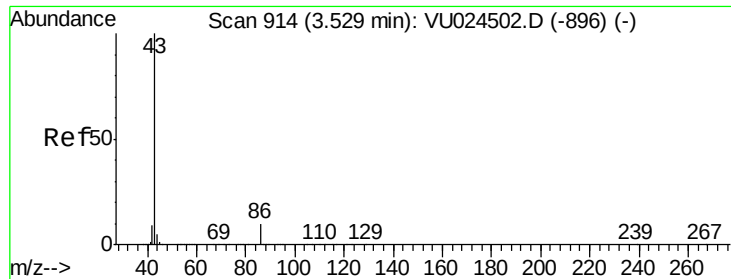
Abundance Ion 45.00 (44.70 to 45.70): VU024800.D (-835) (-)

Ion 43.00 (42.70 to 43.70): VU024800.D (-835) (-)

Ion 87.00 (86.70 to 87.70): VU024800.D (-835) (-)

Ion 59.00 (58.70 to 59.70): VU024800.D (-835) (-)





#23

Vinyl Acetate

Concen: 223.79 ug/l

RT: 3.53 min Scan# 913

Delta R.T. -0.00 min

Lab File: VU024800.D

Acq: 21 Jun 2018 10:25

Instrument :

MSVOA_U

ClientSampleId :

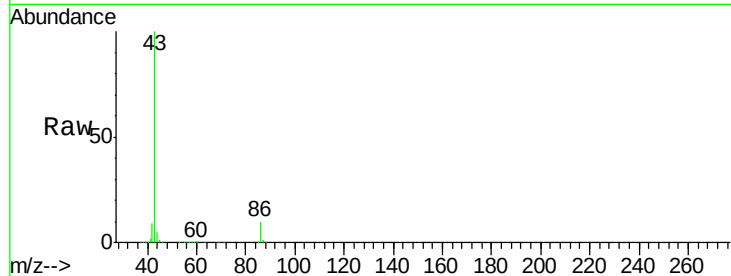
VSTDCCC050

Tot Ion: 43 Resp: 1517038

Ion Ratio Lower Upper

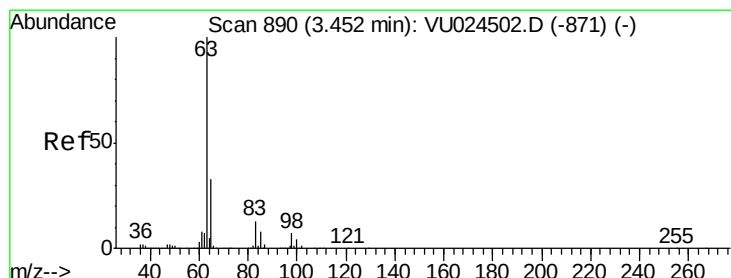
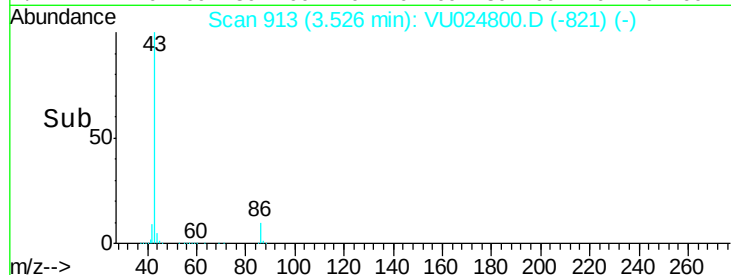
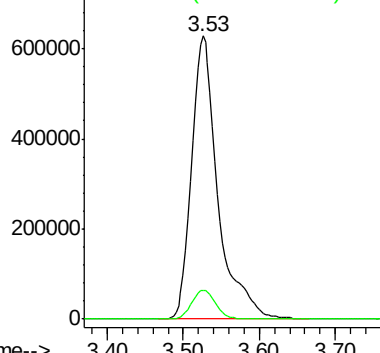
43 100

86 10.3 7.8 11.8



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 86.00 (85.70 to 86.70): VU0



#24

1,1-Dichloroethane

Concen: 44.55 ug/l

RT: 3.45 min Scan# 889

Delta R.T. -0.00 min

Lab File: VU024800.D

Acq: 21 Jun 2018 10:25

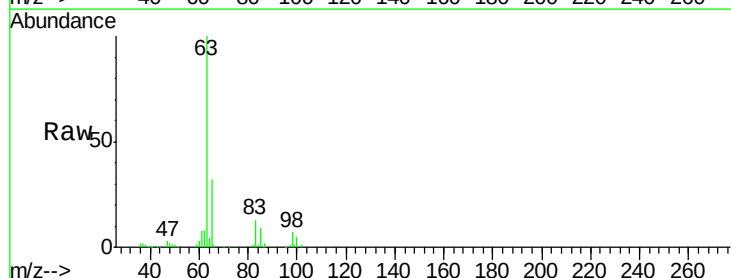
Tgt Ion: 63 Resp: 193963

Ion Ratio Lower Upper

63 100

98 6.6 3.5 10.4

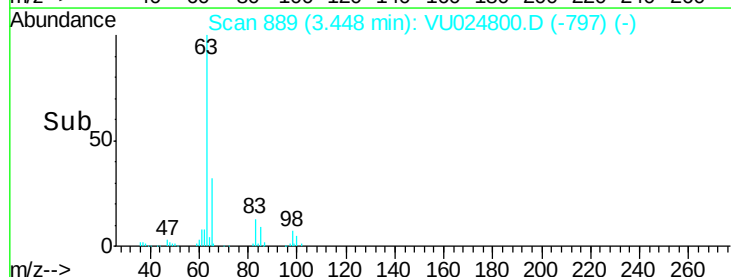
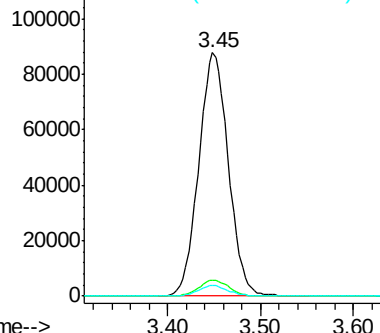
100 4.6 1.8 5.5

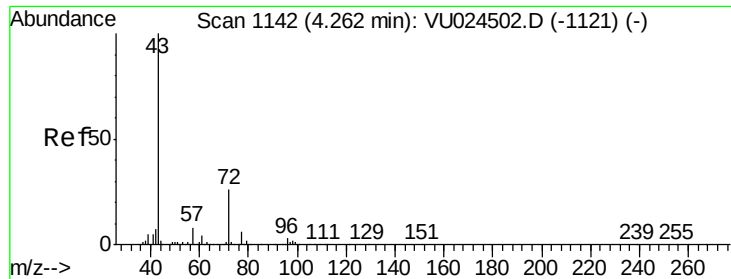


Abundance Ion 62.90 (62.60 to 63.60): VU0

Ion 97.90 (97.60 to 98.60): VU0

Ion 99.90 (99.60 to 100.60): VU0

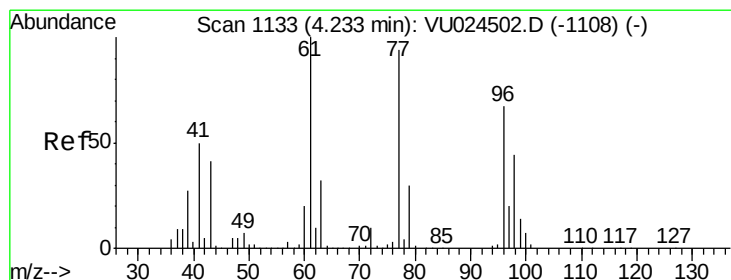
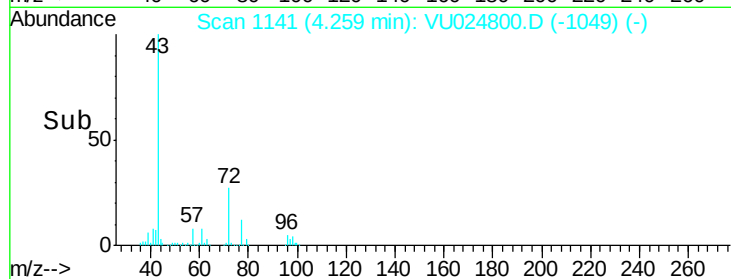
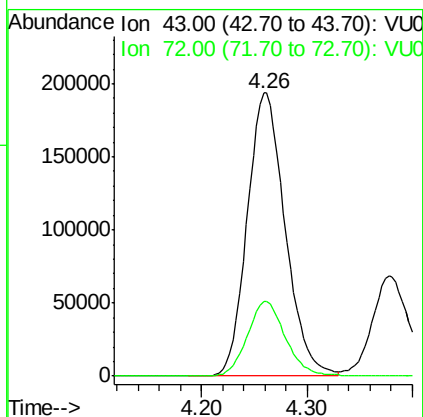
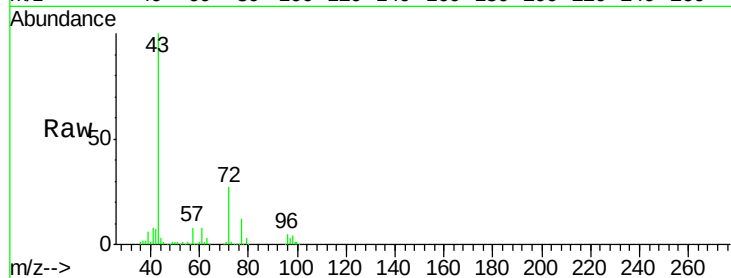




#25
2-Butanone
Concen: 227.09 ug/l
RT: 4.26 min Scan# 1141
Delta R.T. -0.00 min
Lab File: VU024800.D
Acq: 21 Jun 2018 10:25

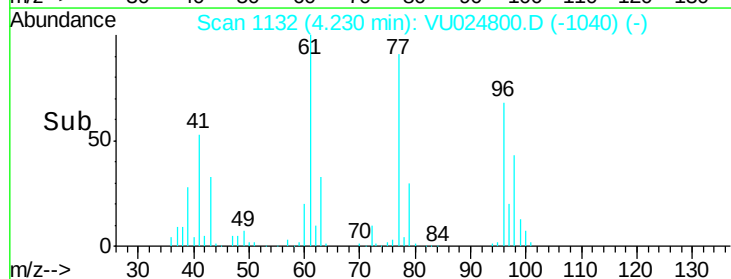
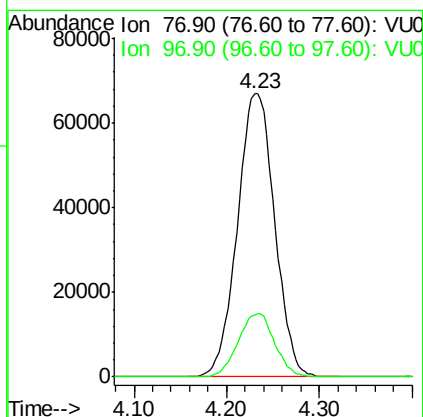
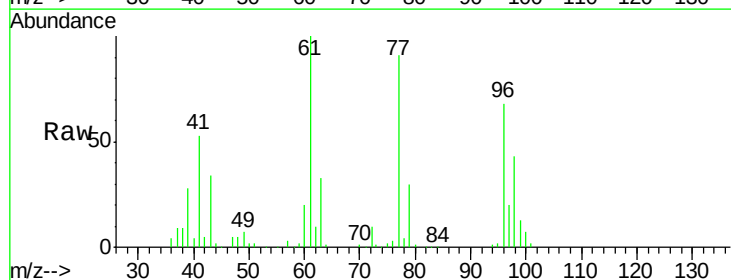
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

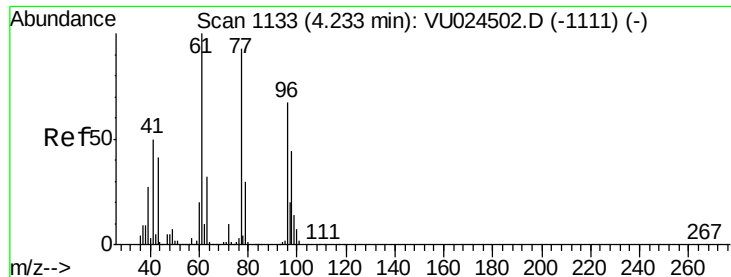
Tot Ion: 43 Resp: 483118
Ion Ratio Lower Upper
43 100
72 26.6 19.6 29.4



#26
2,2-Dichloropropane
Concen: 45.13 ug/l
RT: 4.23 min Scan# 1132
Delta R.T. -0.00 min
Lab File: VU024800.D
Acq: 21 Jun 2018 10:25

Tgt Ion: 77 Resp: 186578
Ion Ratio Lower Upper
77 100
97 21.8 11.3 33.8





#27

cis-1,2-Dichloroethene

Concen: 46.10 ug/l

RT: 4.23 min Scan# 1132

Delta R.T. -0.00 min

Lab File: VU024800.D

Acq: 21 Jun 2018 10:25

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

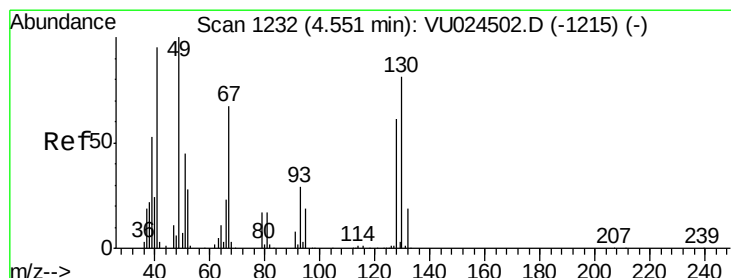
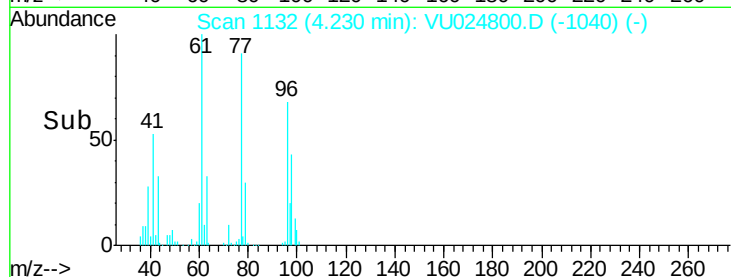
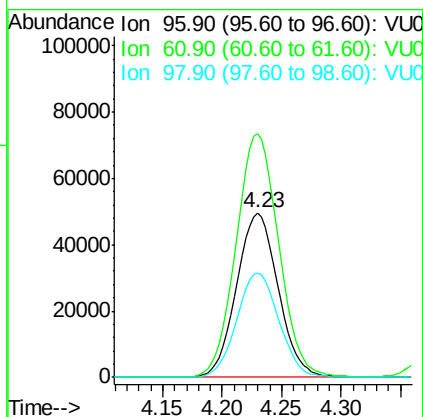
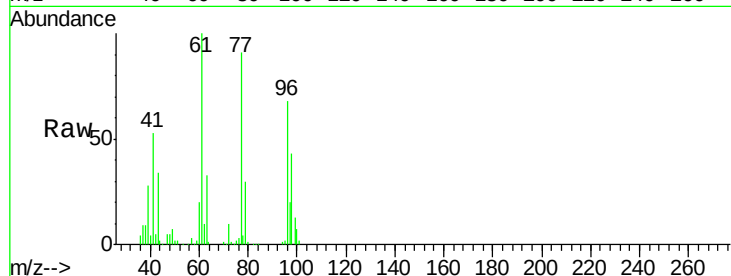
Tot Ion: 96 Resp: 120009

Ion Ratio Lower Upper

96 100

61 152.0 0.0 306.6

98 64.4 0.0 128.8



#28

Bromochloromethane

Concen: 44.64 ug/l

RT: 4.55 min Scan# 1232

Delta R.T. -0.00 min

Lab File: VU024800.D

Acq: 21 Jun 2018 10:25

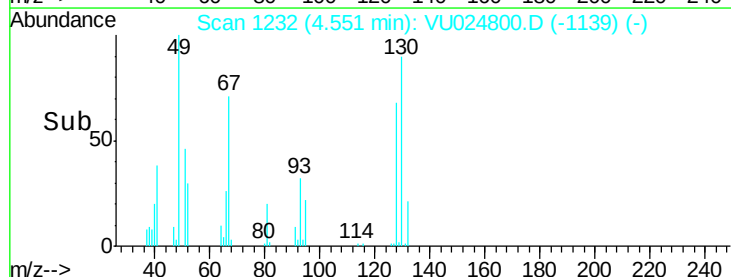
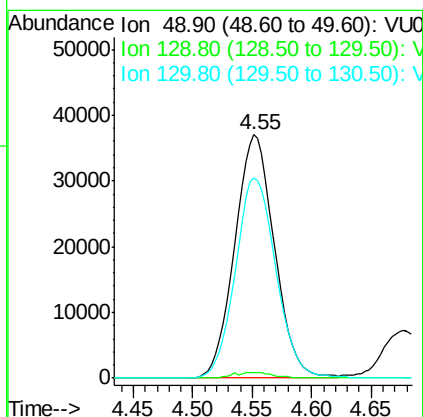
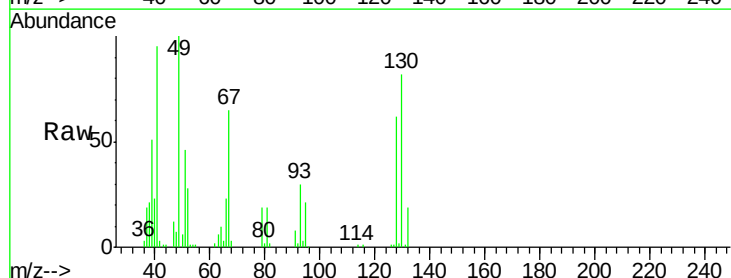
Tgt Ion: 49 Resp: 85598

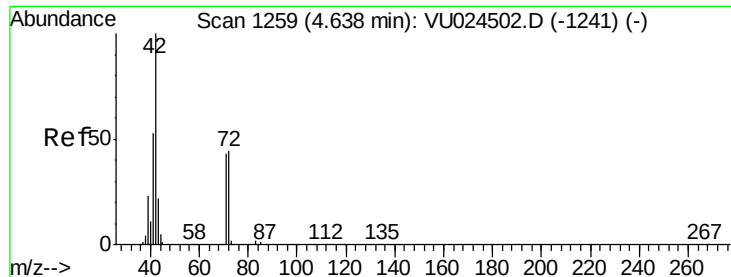
Ion Ratio Lower Upper

49 100

129 1.2 0.0 3.8

130 84.2 57.8 86.6





#29

Tetrahydrofuran

Concen: 214.26 ug/l

RT: 4.63 min Scan# 1258

Delta R.T. -0.00 min

Lab File: VU024800.D

Acq: 21 Jun 2018 10:25

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

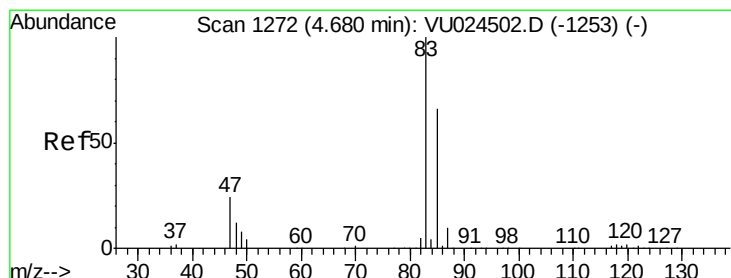
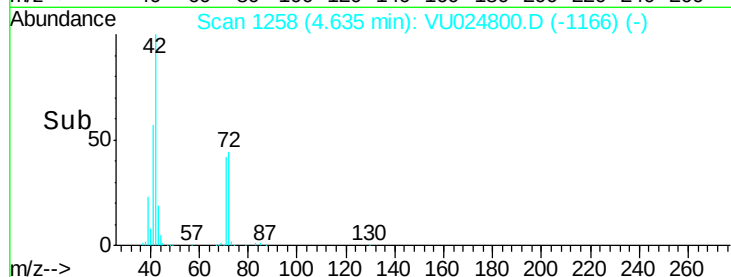
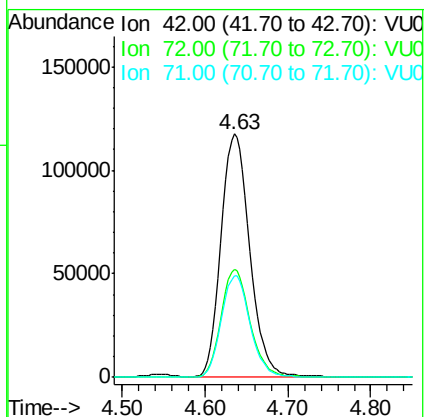
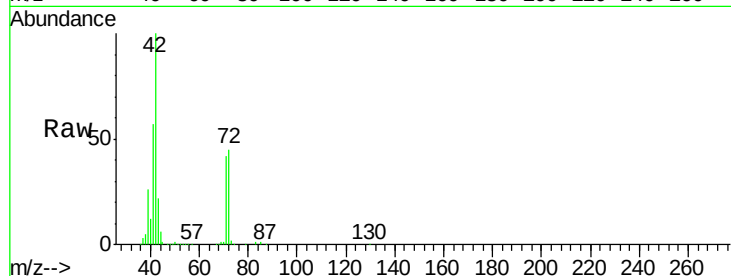
Tot Ion: 42 Resp: 282286

Ion Ratio Lower Upper

42 100

72 44.9 34.5 51.7

71 42.1 32.2 48.4



#30

Chloroform

Concen: 46.98 ug/l

RT: 4.68 min Scan# 1271

Delta R.T. -0.00 min

Lab File: VU024800.D

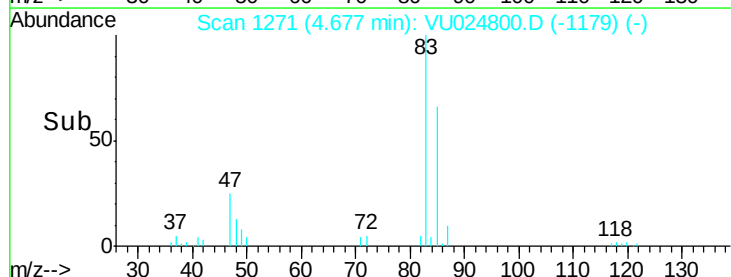
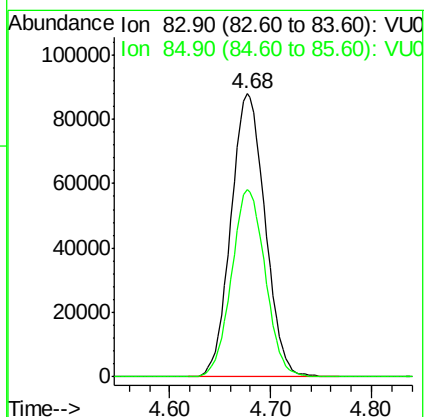
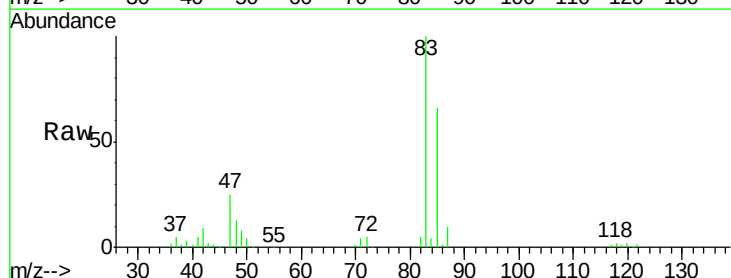
Acq: 21 Jun 2018 10:25

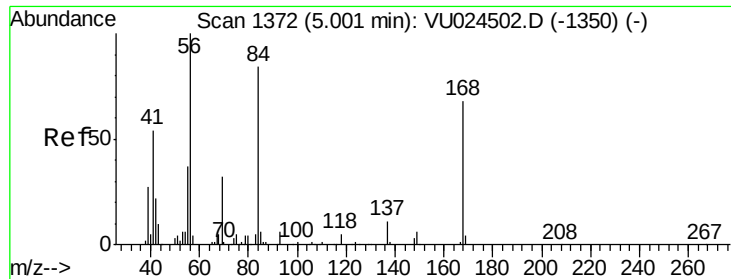
Tgt Ion: 83 Resp: 207002

Ion Ratio Lower Upper

83 100

85 66.2 52.4 78.6

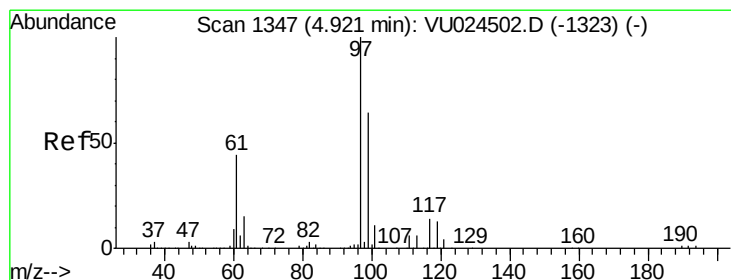
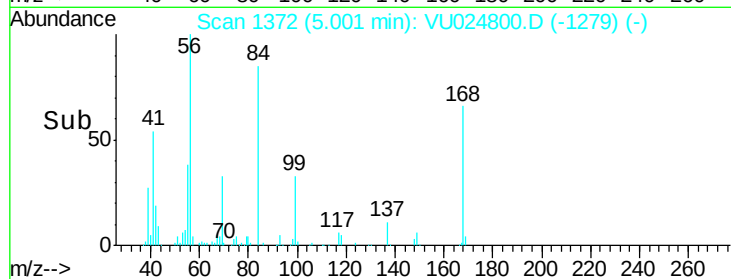
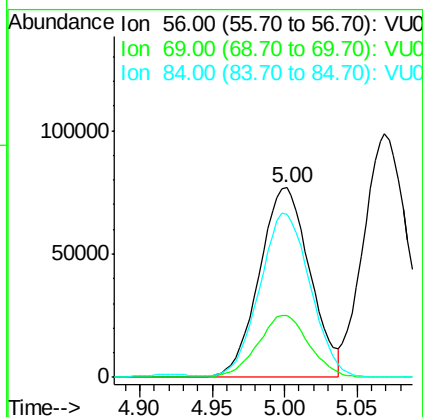
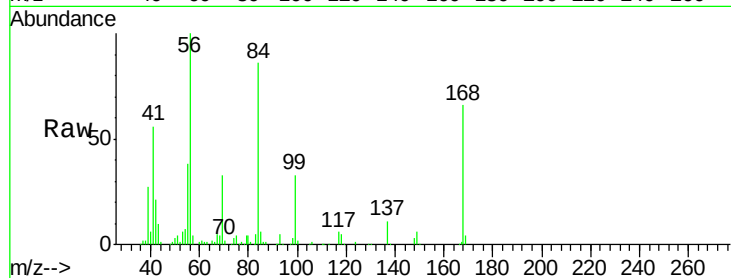




#31
Cyclohexane
Concen: 48.17 ug/l
RT: 5.00 min Scan# 1372
Delta R.T. 0.00 min
Lab File: VU024800.D
Acq: 21 Jun 2018 10:25

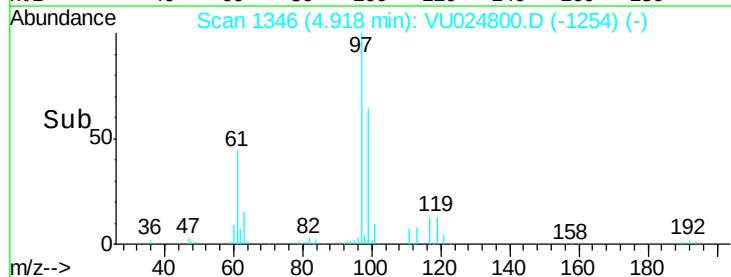
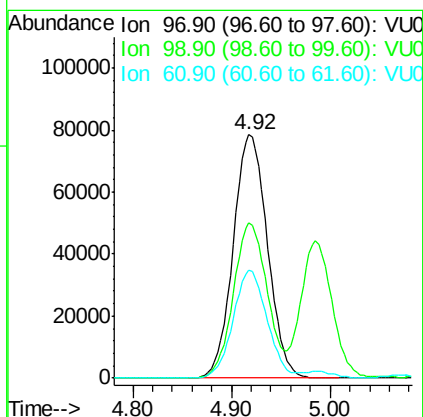
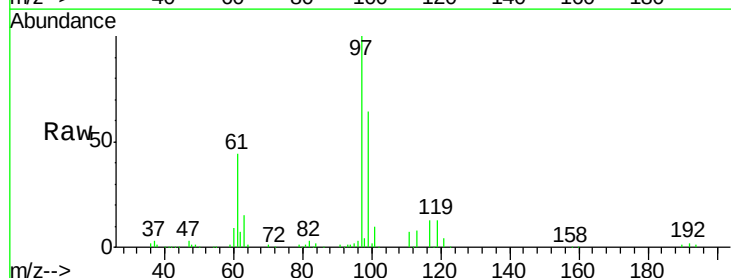
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

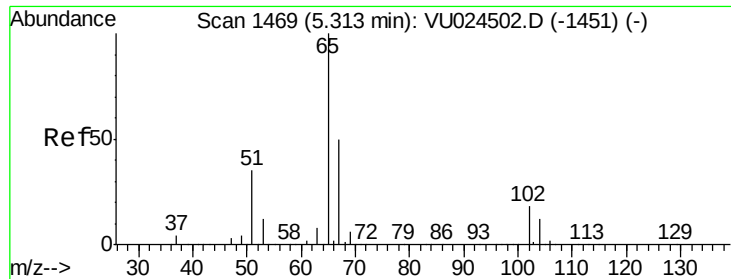
Tot Ion: 56 Resp: 186501
Ion Ratio Lower Upper
56 100
69 32.5 24.8 37.2
84 85.0 65.2 97.8



#32
1,1,1-Trichloroethane
Concen: 46.37 ug/l
RT: 4.92 min Scan# 1346
Delta R.T. -0.00 min
Lab File: VU024800.D
Acq: 21 Jun 2018 10:25

Tgt Ion: 97 Resp: 188956
Ion Ratio Lower Upper
97 100
99 63.1 51.0 76.6
61 44.1 39.4 59.0

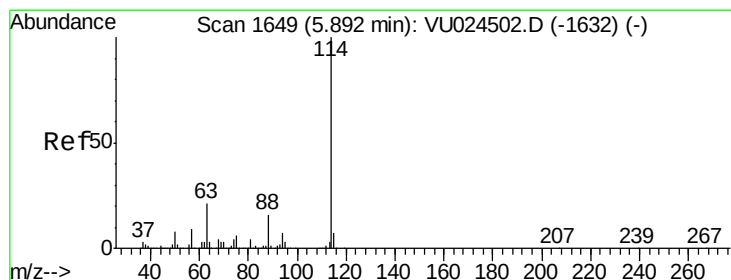
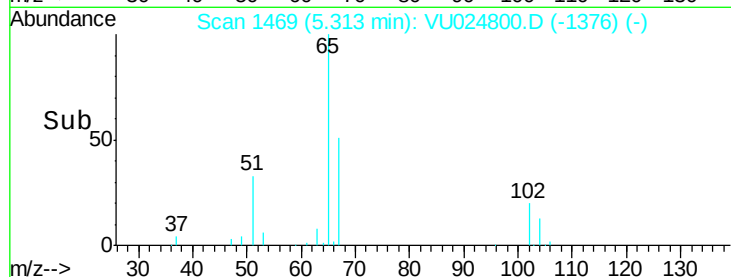
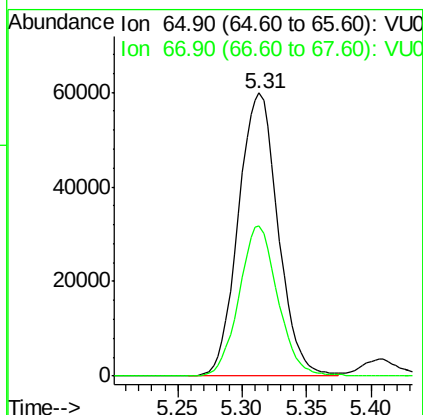
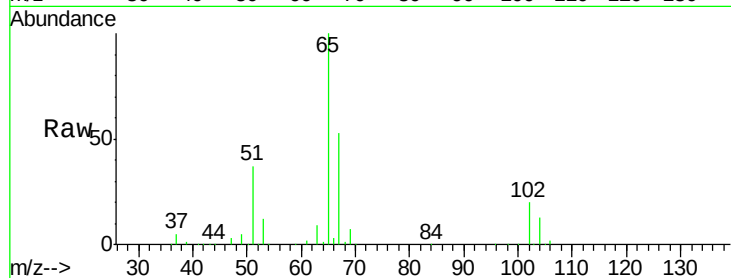




#33
 1,2-Dichloroethane-d4
 Concen: 43.55 ug/l
 RT: 5.31 min Scan# 1469
 Delta R.T. -0.00 min
 Lab File: VU024800.D
 Acq: 21 Jun 2018 10:25

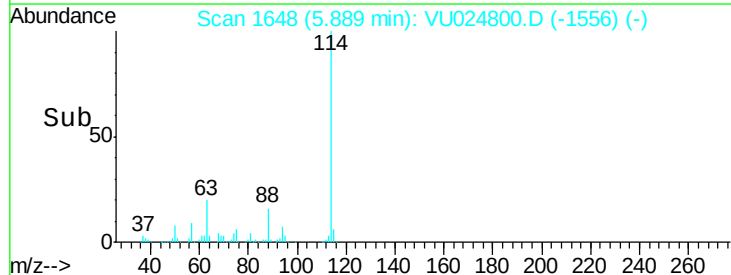
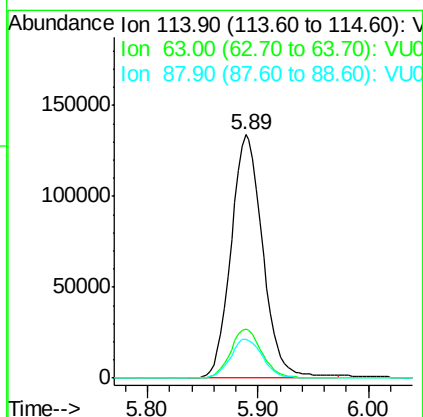
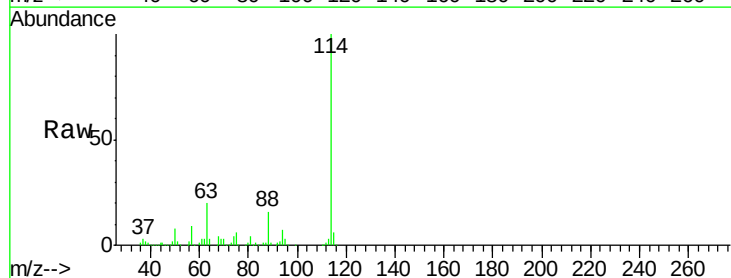
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

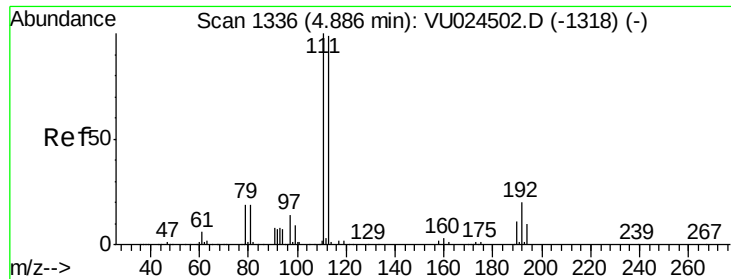
Tot Ion: 65 Resp: 128385
 Ion Ratio Lower Upper
 65 100
 67 51.6 0.0 107.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 5.89 min Scan# 1648
 Delta R.T. -0.00 min
 Lab File: VU024800.D
 Acq: 21 Jun 2018 10:25

Tgt Ion: 114 Resp: 267236
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 45.4
 88 16.0 0.0 31.0

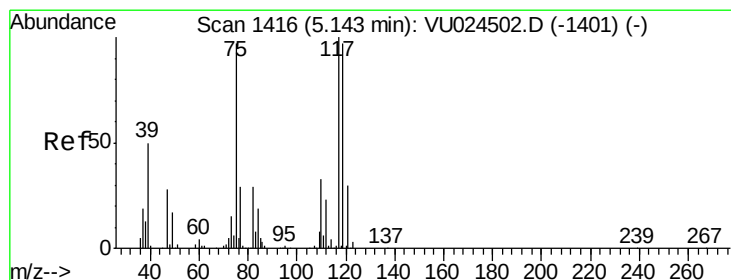
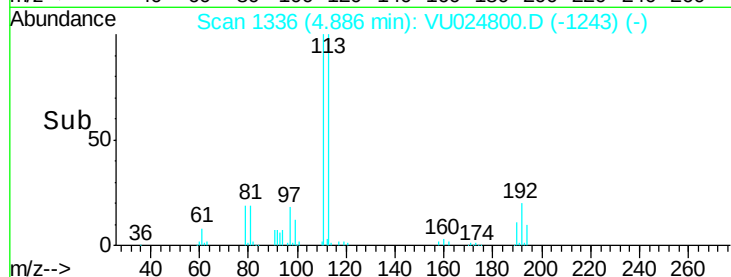
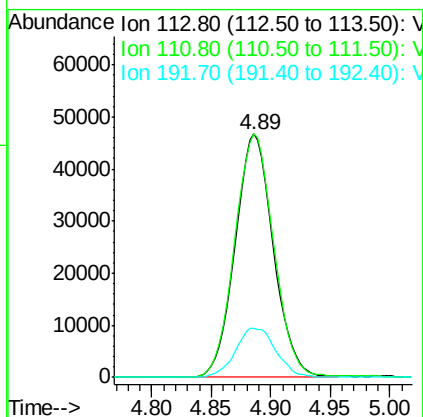
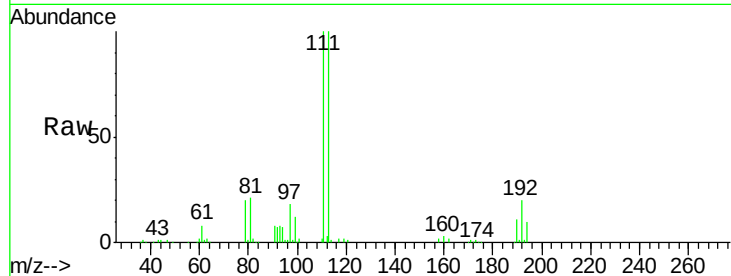




#35
 Dibromofluoromethane
 Concen: 46.80 ug/l
 RT: 4.89 min Scan# 1336
 Delta R.T. -0.00 min
 Lab File: VU024800.D
 Acq: 21 Jun 2018 10:25

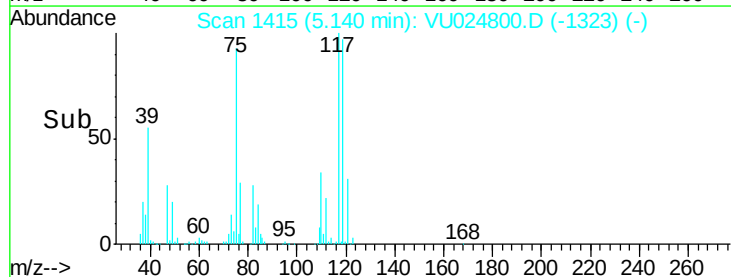
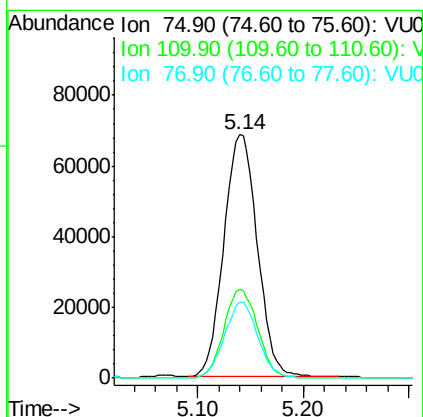
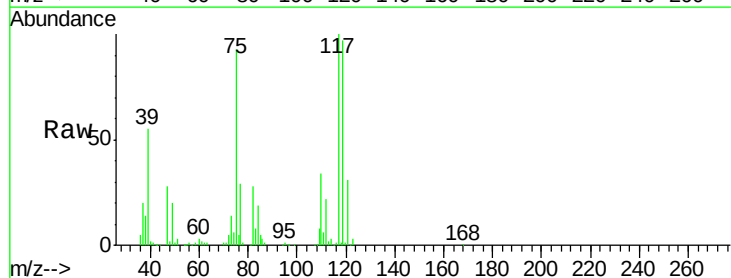
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

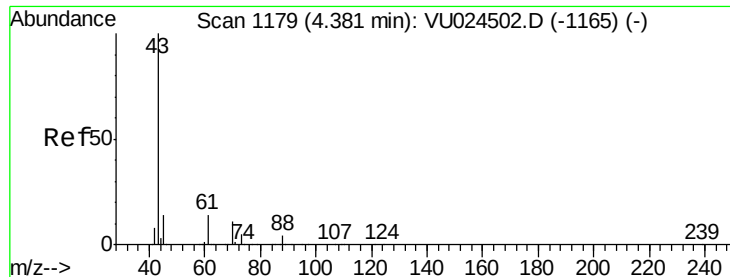
Tot Ion:113 Resp: 103790
 Ion Ratio Lower Upper
 113 100
 111 102.5 82.2 123.4
 192 21.2 16.2 24.4



#36
 1,1-Dichloropropene
 Concen: 48.14 ug/l
 RT: 5.14 min Scan# 1415
 Delta R.T. -0.00 min
 Lab File: VU024800.D
 Acq: 21 Jun 2018 10:25

Tgt Ion: 75 Resp: 151157
 Ion Ratio Lower Upper
 75 100
 110 37.1 17.0 50.9
 77 30.8 24.2 36.4

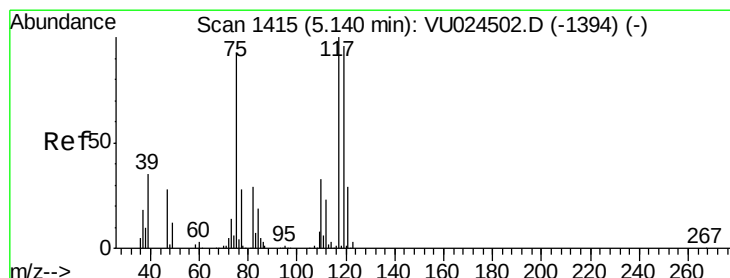
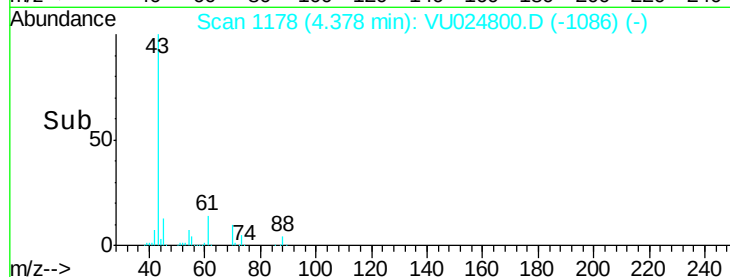
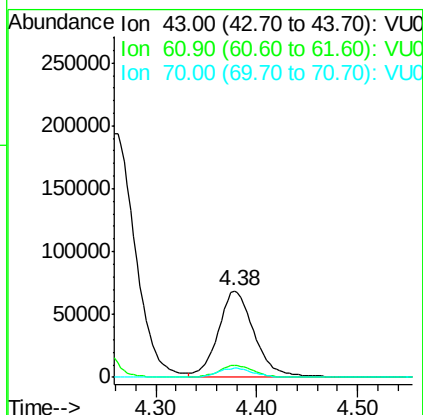
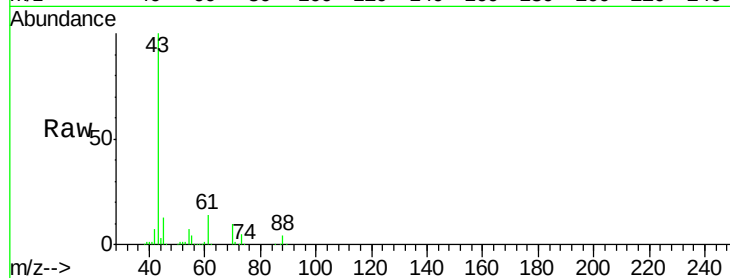




#37
Ethyl Acetate
Concen: 48.97 ug/l
RT: 4.38 min Scan# 1178
Delta R.T. -0.00 min
Lab File: VU024800.D
Acq: 21 Jun 2018 10:25

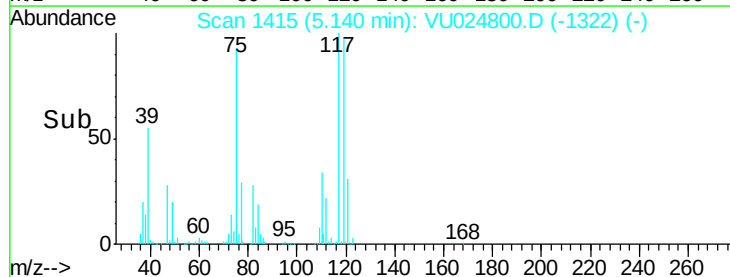
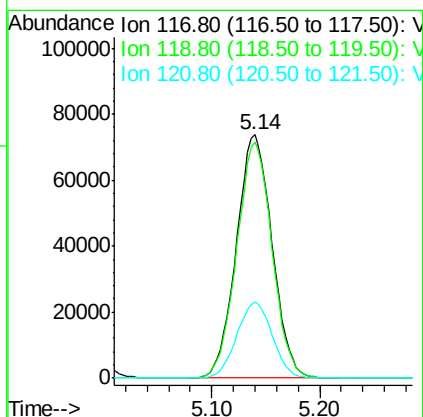
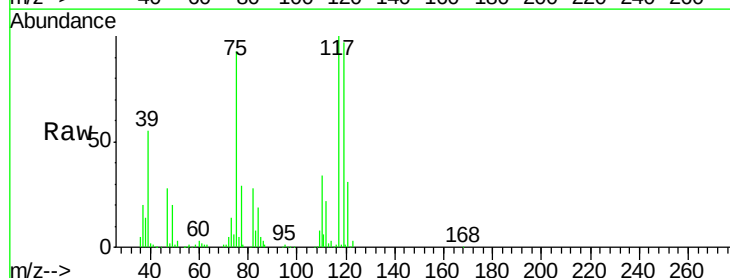
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

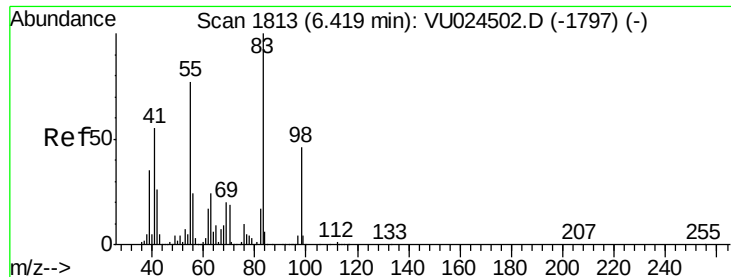
Tot Ion: 43 Resp: 167611
Ion Ratio Lower Upper
43 100
61 13.4 10.5 15.7
70 10.7 7.4 11.2



#38
Carbon Tetrachloride
Concen: 49.24 ug/l
RT: 5.14 min Scan# 1415
Delta R.T. -0.00 min
Lab File: VU024800.D
Acq: 21 Jun 2018 10:25

Tgt Ion: 117 Resp: 170052
Ion Ratio Lower Upper
117 100
119 96.8 76.1 114.1
121 30.9 23.7 35.5

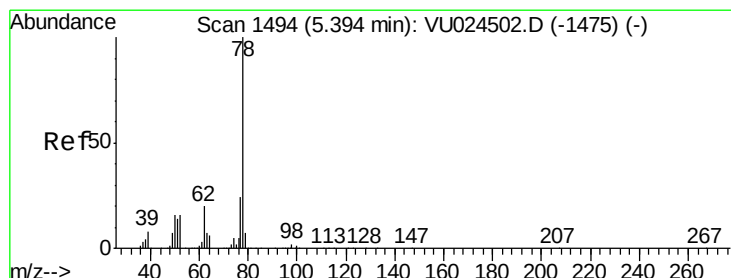
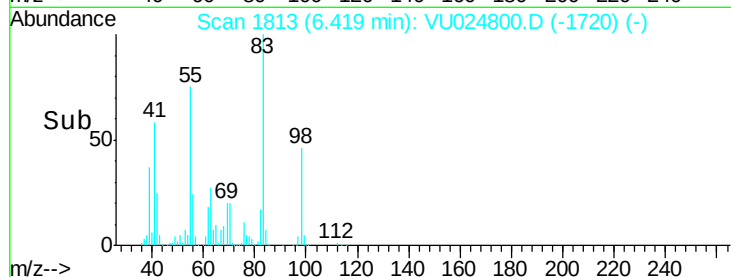
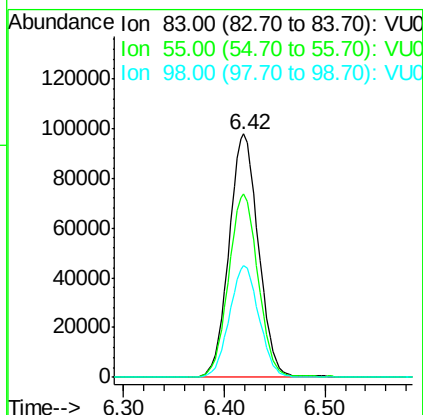
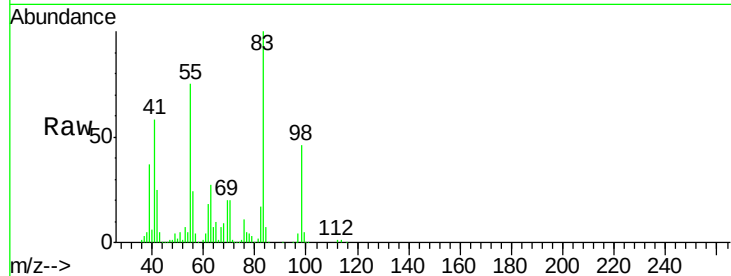




#39
Methylvlcyclohexane
Concen: 50.68 ug/l
RT: 6.42 min Scan# 1813
Delta R.T. -0.00 min
Lab File: VU024800.D
Acq: 21 Jun 2018 10:25

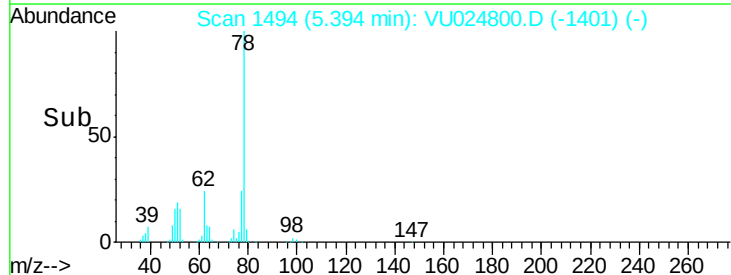
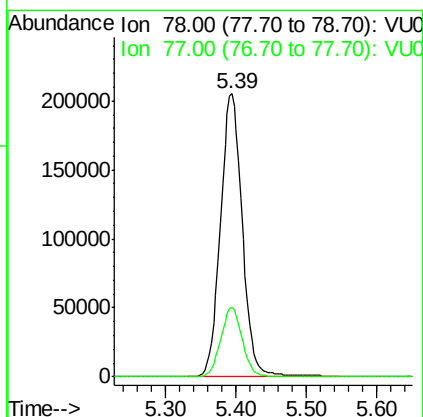
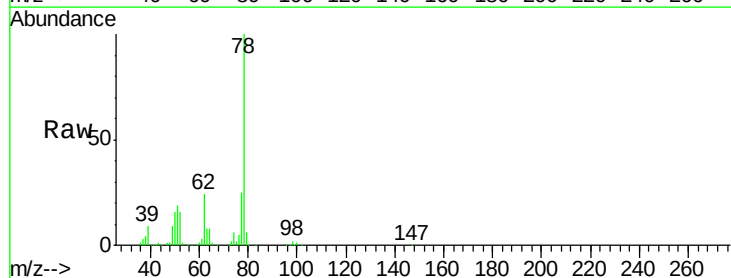
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

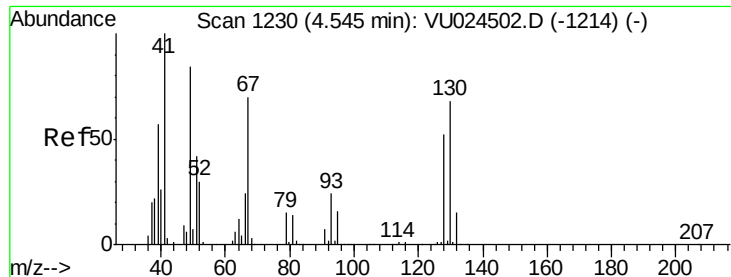
Tot Ion: 83 Resp: 198606
Ion Ratio Lower Upper
83 100
55 75.1 65.8 98.6
98 46.1 36.7 55.1



#40
Benzene
Concen: 49.71 ug/l
RT: 5.39 min Scan# 1494
Delta R.T. -0.00 min
Lab File: VU024800.D
Acq: 21 Jun 2018 10:25

Tgt Ion: 78 Resp: 444831
Ion Ratio Lower Upper
78 100
77 24.6 19.2 28.8

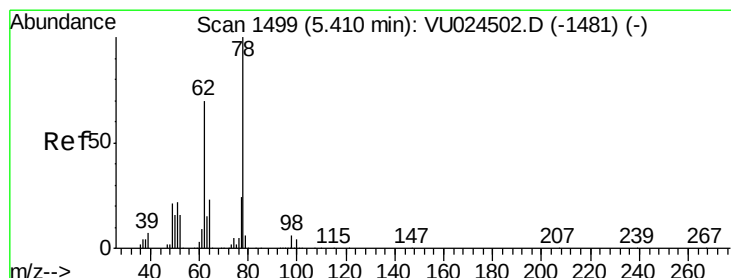
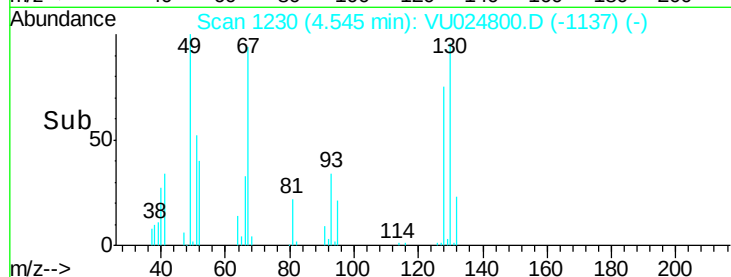
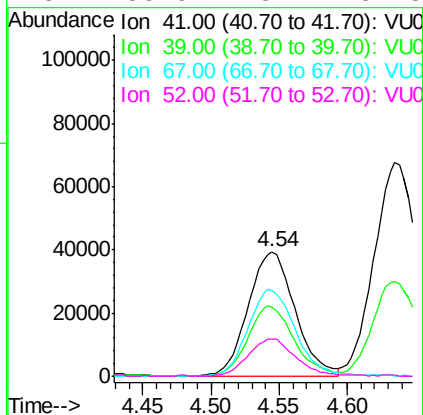
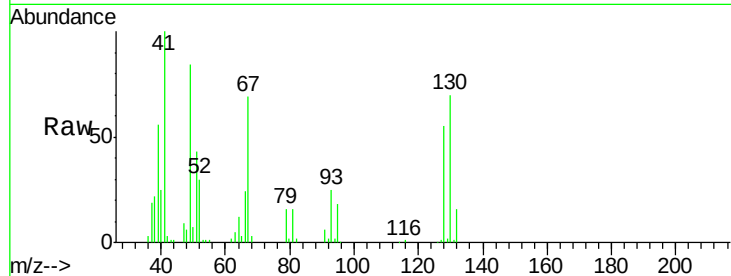




#41
Methacrylonitrile
Concen: 50.51 ug/l
RT: 4.54 min Scan# 1230
Delta R.T. -0.00 min
Lab File: VU024800.D
Acq: 21 Jun 2018 10:25

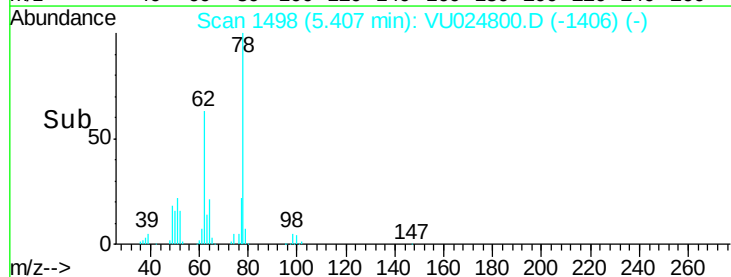
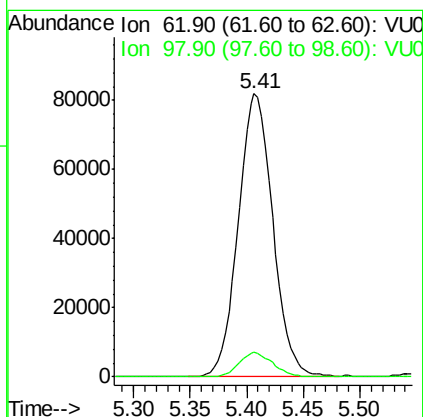
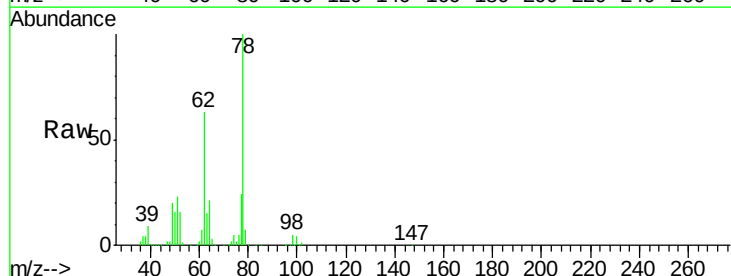
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

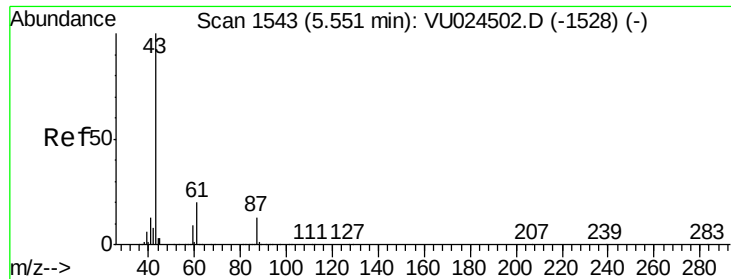
Tot Ion:	41	Resp:	93208
Ion	Ratio	Lower	Upper
41	100		
39	56.0	43.8	65.6
67	71.1	56.3	84.5
52	30.9	23.2	34.8



#42
1,2-Dichloroethane
Concen: 51.16 ug/l
RT: 5.41 min Scan# 1498
Delta R.T. -0.00 min
Lab File: VU024800.D
Acq: 21 Jun 2018 10:25

Tgt Ion:	62	Resp:	174366
Ion	Ratio	Lower	Upper
62	100		
98	8.4	0.0	16.6

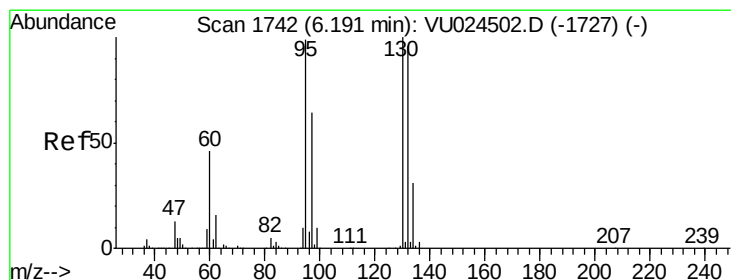
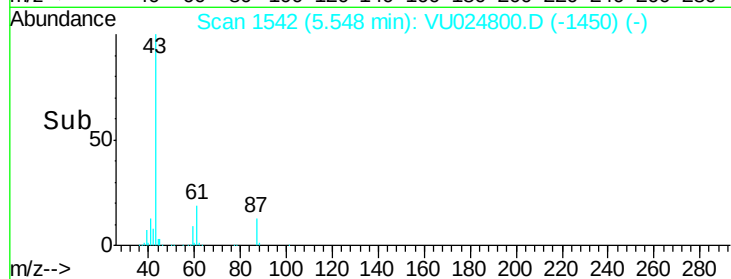
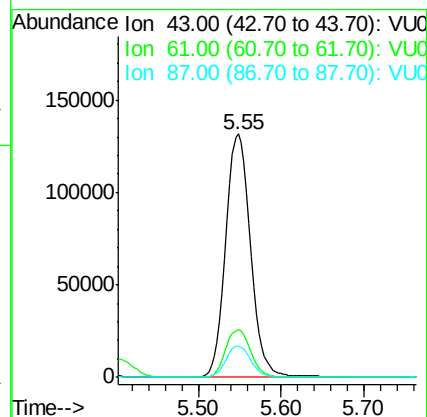
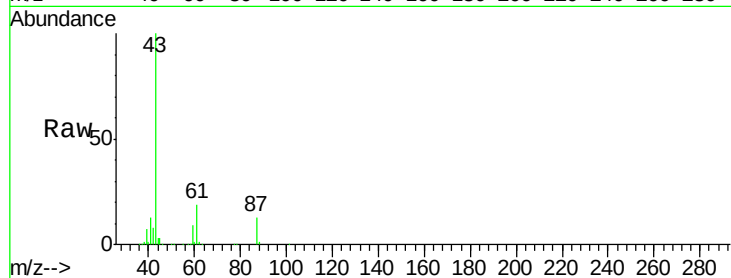




#43
Isopropyl Acetate
Concen: 46.11 ug/l
RT: 5.55 min Scan# 1542
Delta R.T. -0.00 min
Lab File: VU024800.D
Acq: 21 Jun 2018 10:25

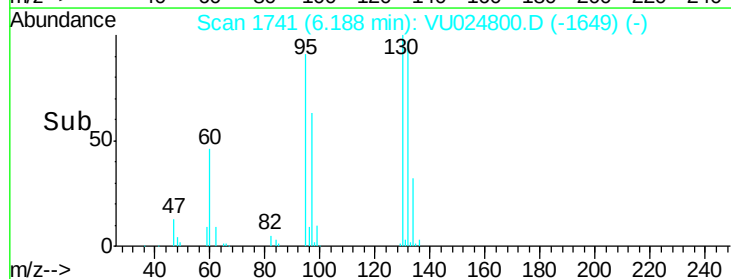
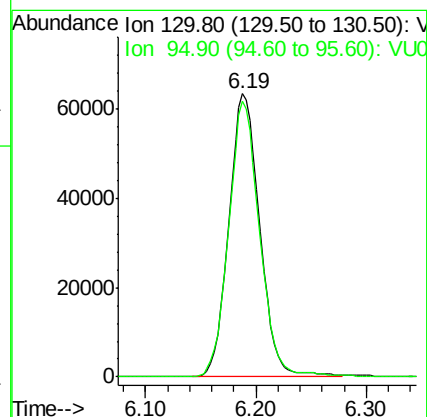
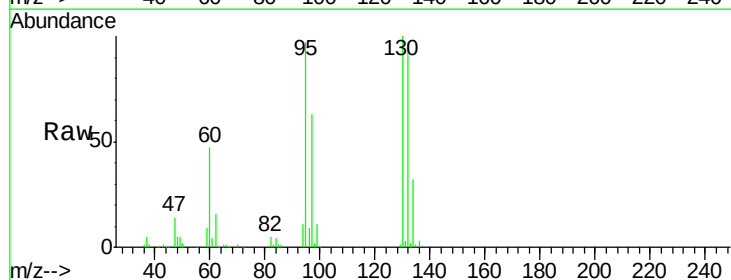
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

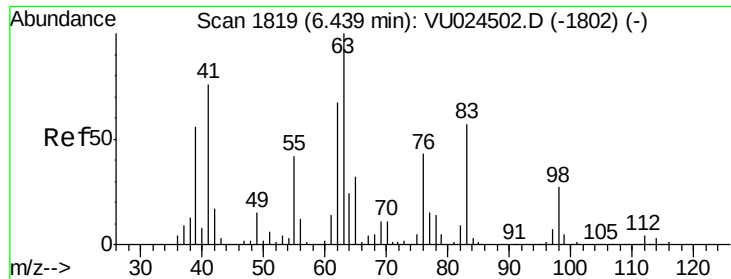
Tot Ion: 43 Resp: 272790
Ion Ratio Lower Upper
43 100
61 20.0 15.4 23.0
87 12.9 10.0 15.0



#44
Trichloroethene
Concen: 48.43 ug/l
RT: 6.19 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VU024800.D
Acq: 21 Jun 2018 10:25

Tgt Ion:130 Resp: 123322
Ion Ratio Lower Upper
130 100
95 97.2 0.0 202.4





#45

1,2-Dichloropropane

Concen: 49.86 ug/l

RT: 6.44 min Scan# 1818

Delta R.T. -0.00 min

Lab File: VU024800.D

Acq: 21 Jun 2018 10:25

Instrument :

MSVOA_U

ClientSampleId :

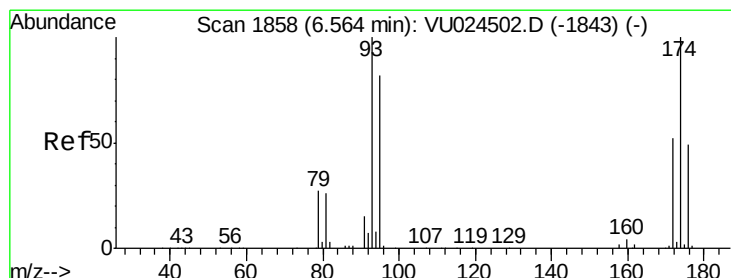
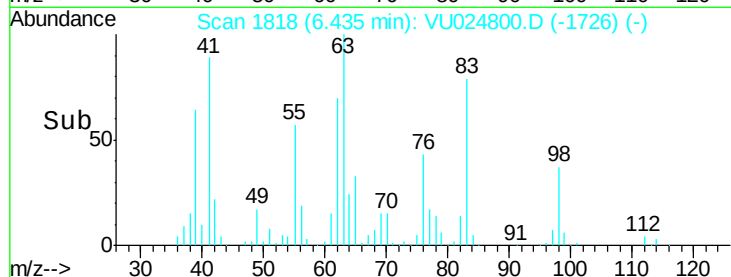
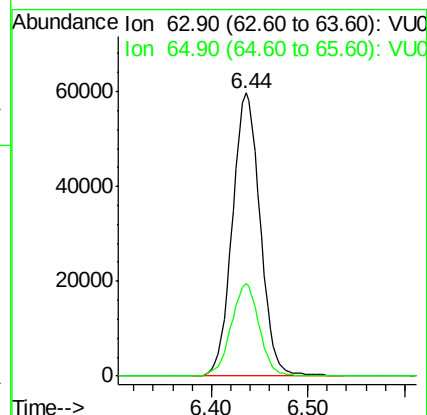
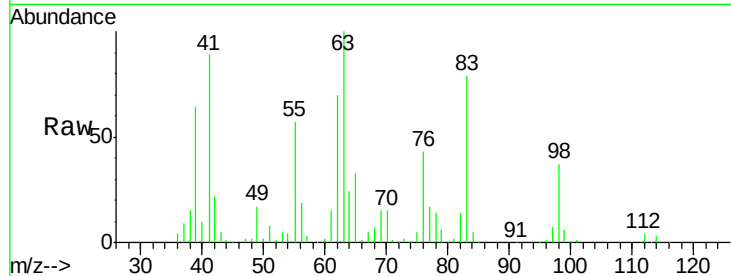
VSTDCCC050

Tot Ion: 63 Resp: 119030

Ion Ratio Lower Upper

63 100

65 32.5 24.8 37.2



#46

Dibromomethane

Concen: 51.09 ug/l

RT: 6.56 min Scan# 1858

Delta R.T. -0.00 min

Lab File: VU024800.D

Acq: 21 Jun 2018 10:25

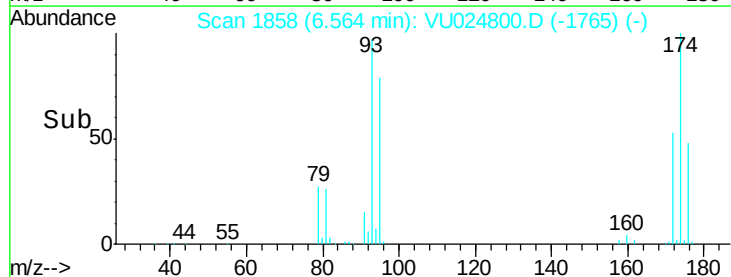
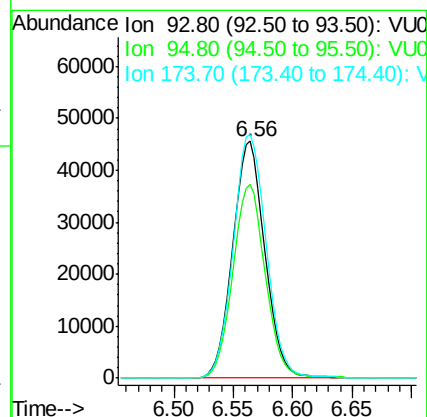
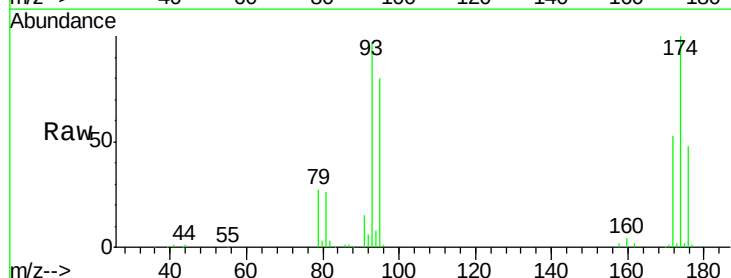
Tgt Ion: 93 Resp: 85683

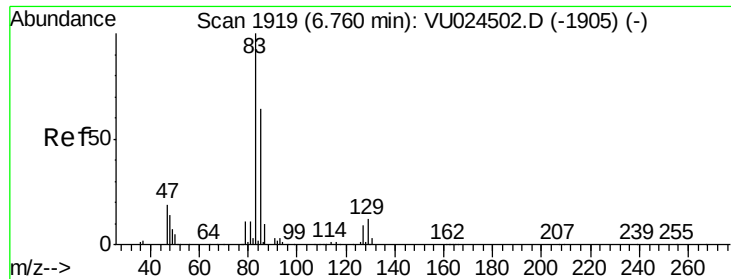
Ion Ratio Lower Upper

93 100

95 82.5 65.5 98.3

174 104.8 78.7 118.1





#47

Bromodichloromethane

Concen: 48.53 ug/l

RT: 6.76 min Scan# 1919

Delta R.T. -0.00 min

Lab File: VU024800.D

Acq: 21 Jun 2018 10:25

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

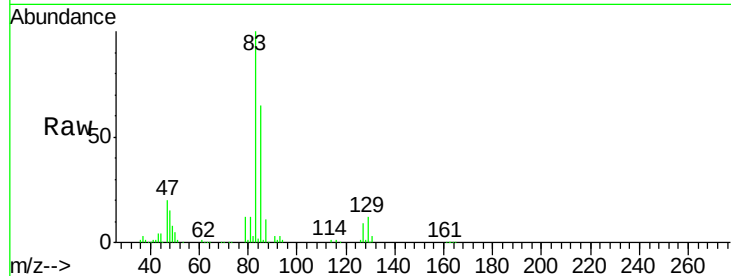
Tot Ion: 83 Resp: 162076

Ion Ratio Lower Upper

83 100

85 65.3 51.9 77.9

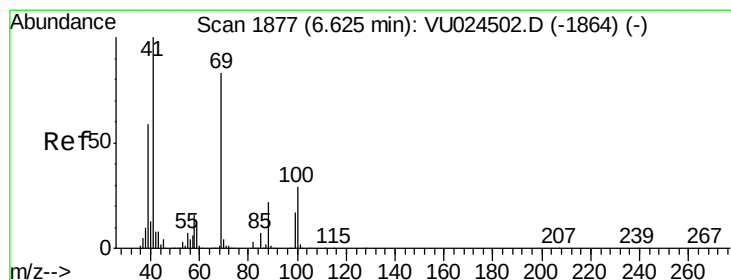
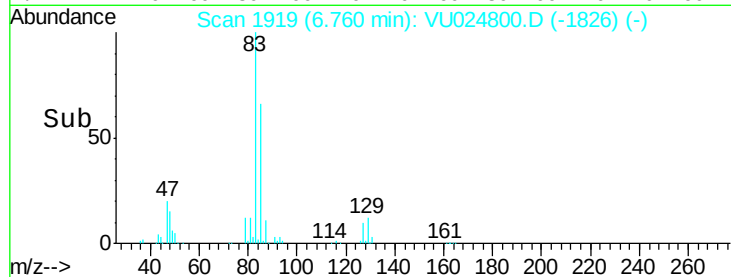
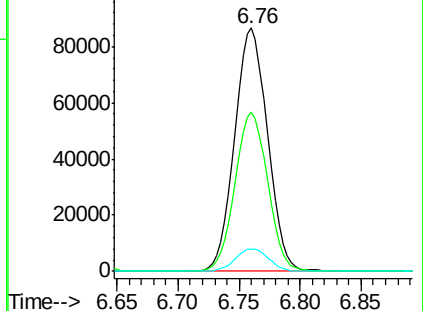
127 9.4 6.6 9.8



Abundance Ion 82.90 (82.60 to 83.60): VU024800.D (-1826) (-)

Ion 84.90 (84.60 to 85.60): VU024800.D (-1826) (-)

Ion 126.80 (126.50 to 127.50): VU024800.D (-1826) (-)



#48

Methyl methacrylate

Concen: 47.84 ug/l

RT: 6.62 min Scan# 1876

Delta R.T. -0.00 min

Lab File: VU024800.D

Acq: 21 Jun 2018 10:25

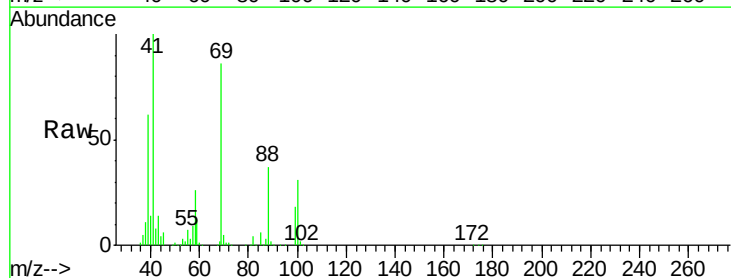
Tgt Ion: 41 Resp: 137814

Ion Ratio Lower Upper

41 100

69 86.0 67.3 100.9

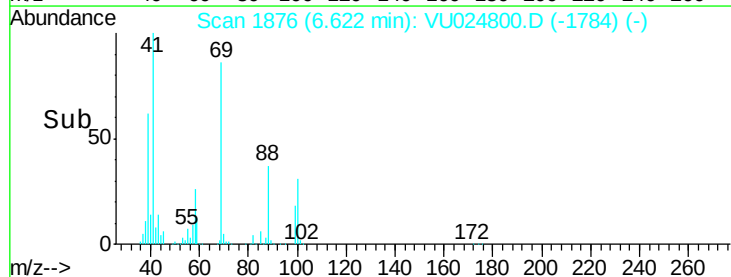
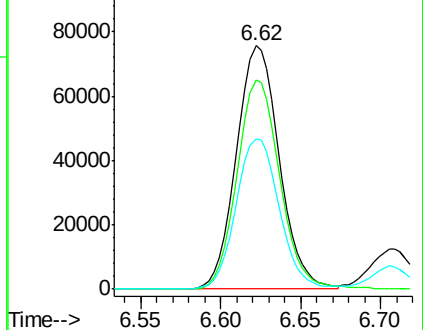
39 62.0 46.5 69.7

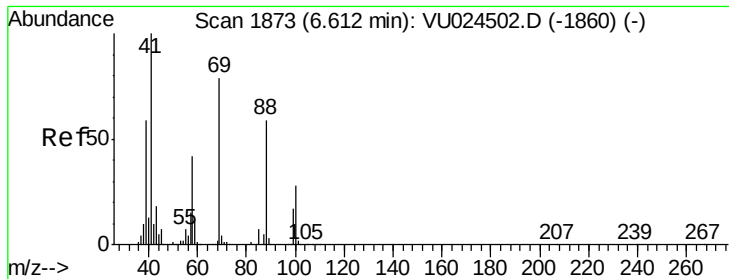


Abundance Ion 41.00 (40.70 to 41.70): VU024800.D (-1784) (-)

Ion 69.00 (68.70 to 69.70): VU024800.D (-1784) (-)

Ion 39.00 (38.70 to 39.70): VU024800.D (-1784) (-)





#49

1,4-Dioxane

Concen: 1084.31 ug/l

RT: 6.62 min Scan# 1876

Delta R.T. 0.01 min

Lab File: VU024800.D

Acq: 21 Jun 2018 10:25

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

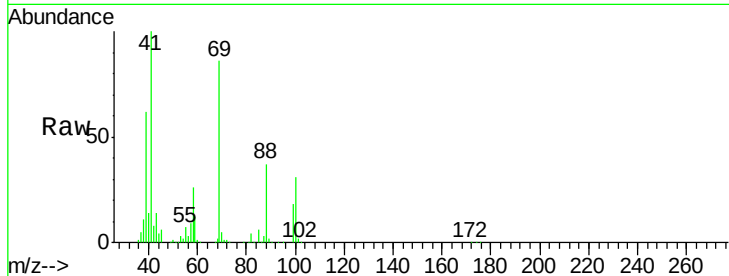
Tot Ion: 88 Resp: 61088

Ion Ratio Lower Upper

88 100

43 34.3 28.6 42.8

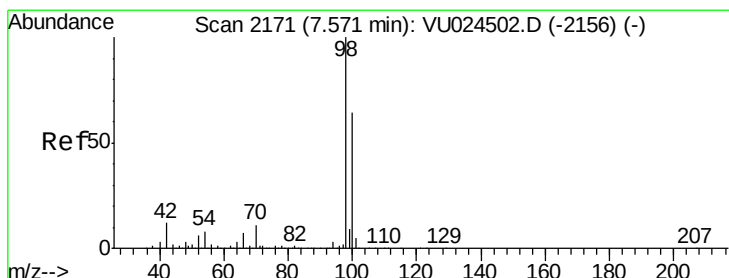
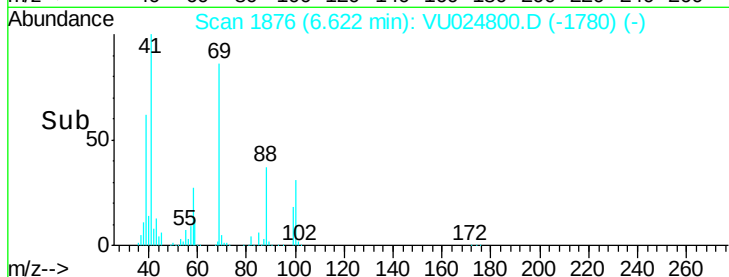
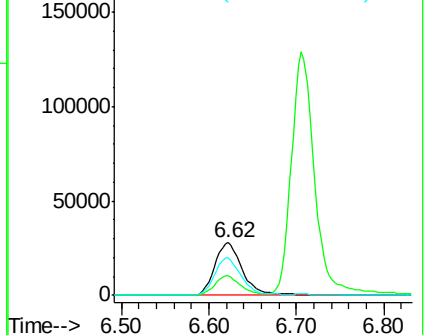
58 69.4 58.2 87.4



Abundance Ion 88.00 (87.70 to 88.70): VU024800.D (-1780) (-)

Ion 43.00 (42.70 to 43.70): VU024800.D (-1780) (-)

Ion 58.00 (57.70 to 58.70): VU024800.D (-1780) (-)



#50

Toluene-d8

Concen: 46.43 ug/l

RT: 7.57 min Scan# 2170

Delta R.T. -0.00 min

Lab File: VU024800.D

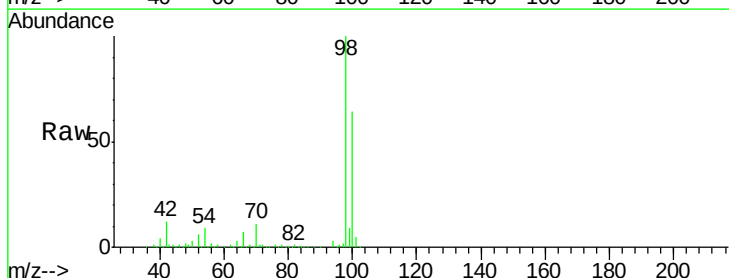
Acq: 21 Jun 2018 10:25

Tgt Ion: 98 Resp: 375650

Ion Ratio Lower Upper

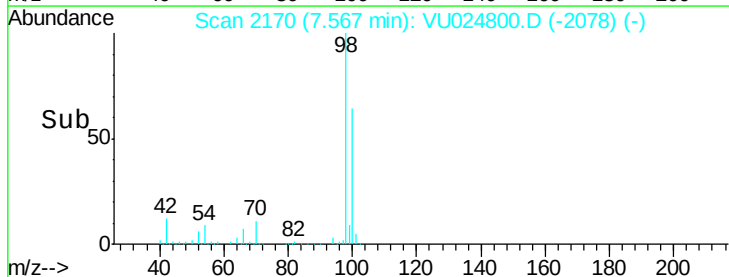
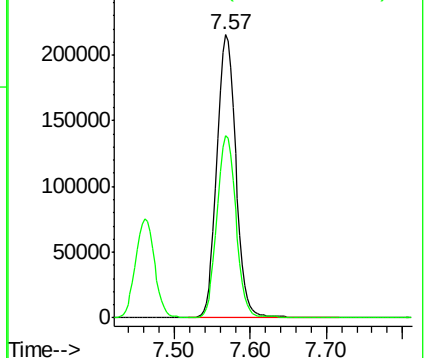
98 100

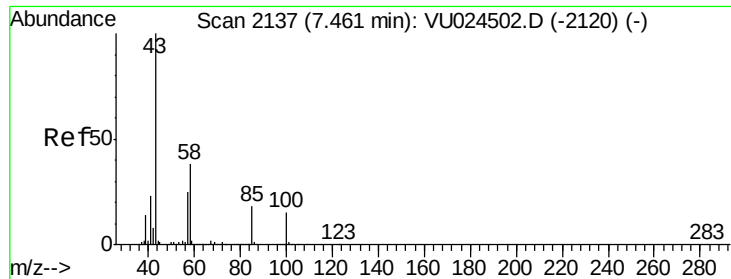
100 63.8 51.1 76.7



Abundance Ion 98.00 (97.70 to 98.70): VU024800.D (-2078) (-)

Ion 100.00 (99.70 to 100.70): VU024800.D (-2078) (-)

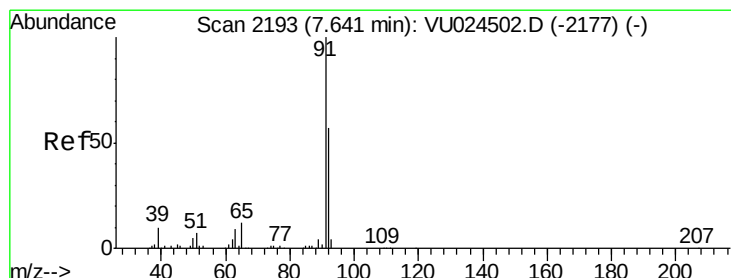
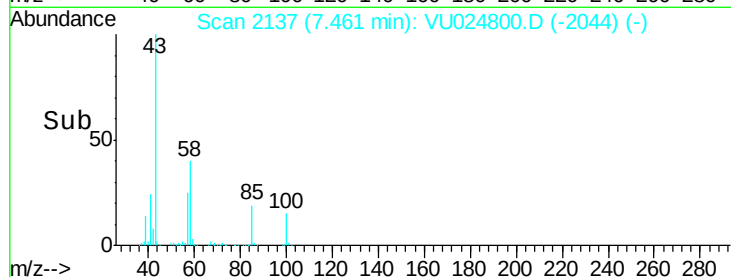
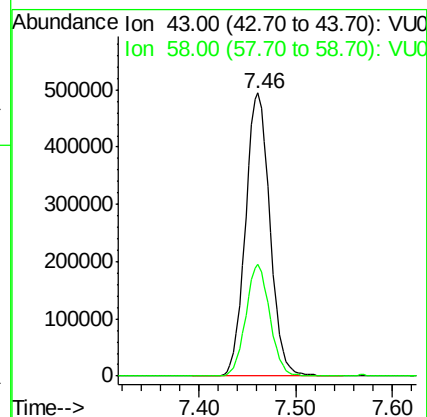
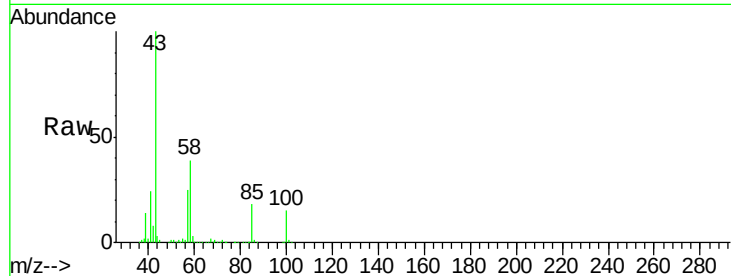




#51
 4-Methyl-2-Pentanone
 Concen: 233.47 ug/l
 RT: 7.46 min Scan# 2137
 Delta R.T. -0.00 min
 Lab File: VU024800.D
 Acq: 21 Jun 2018 10:25

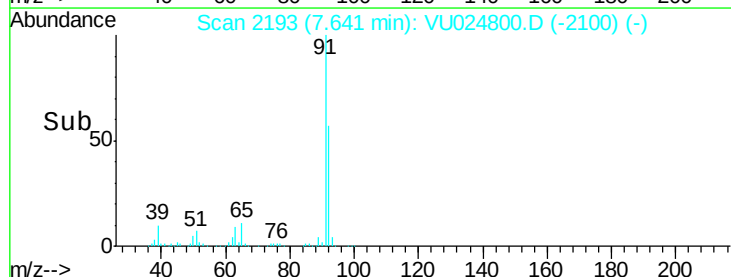
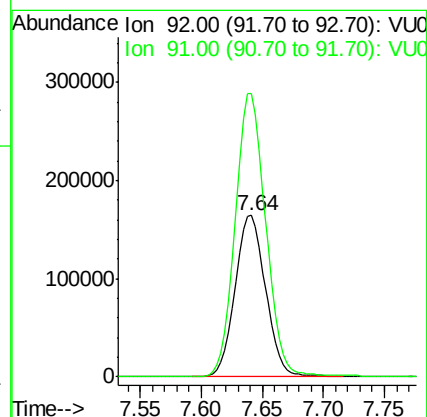
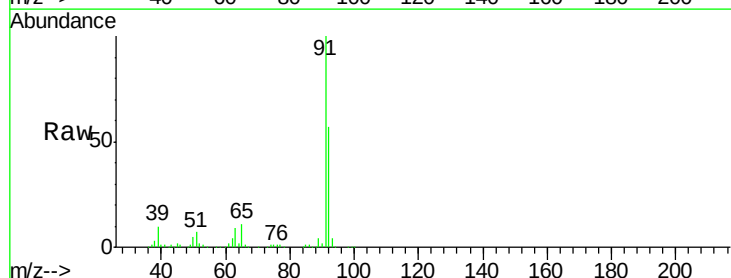
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

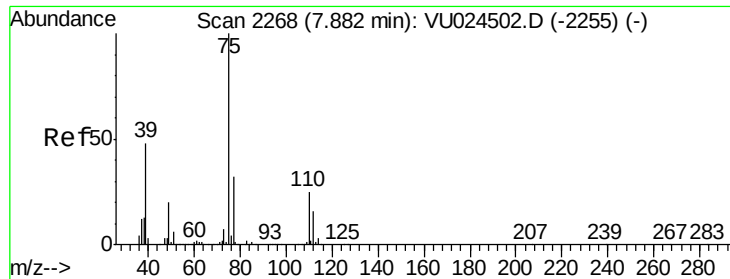
Tot Ion: 43 Resp: 867762
 Ion Ratio Lower Upper
 43 100
 58 38.8 30.0 45.0



#52
 Toluene
 Concen: 50.11 ug/l
 RT: 7.64 min Scan# 2193
 Delta R.T. -0.00 min
 Lab File: VU024800.D
 Acq: 21 Jun 2018 10:25

Tgt Ion: 92 Resp: 288460
 Ion Ratio Lower Upper
 92 100
 91 176.1 140.5 210.7





#53

t-1,3-Dichloropropene

Concen: 49.06 ug/l

RT: 7.88 min Scan# 2268

Delta R.T. -0.00 min

Lab File: VU024800.D

Acq: 21 Jun 2018 10:25

Instrument :

MSVOA_U

ClientSampleId :

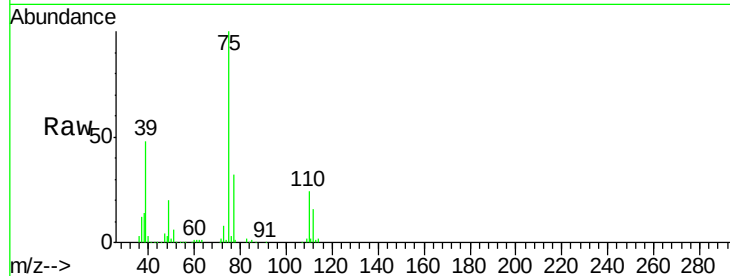
VSTDCCC050

Tot Ion: 75 Resp: 183983

Ion Ratio Lower Upper

75 100

77 32.0 24.8 37.2



Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 76.90 (76.60 to 77.60): VU0

7.88

120000

100000

80000

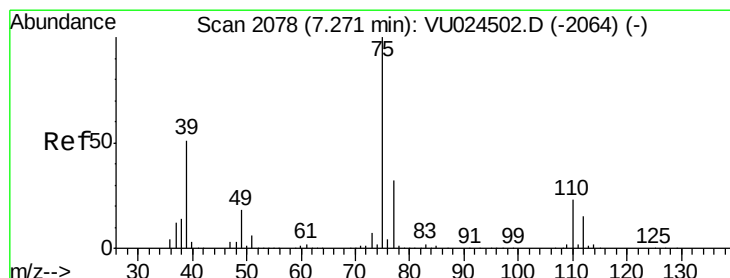
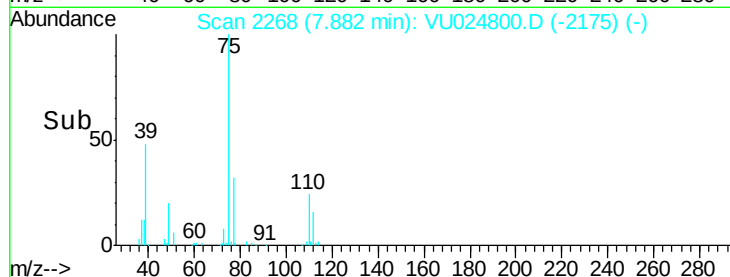
60000

40000

20000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 48.36 ug/l

RT: 7.27 min Scan# 2078

Delta R.T. -0.00 min

Lab File: VU024800.D

Acq: 21 Jun 2018 10:25

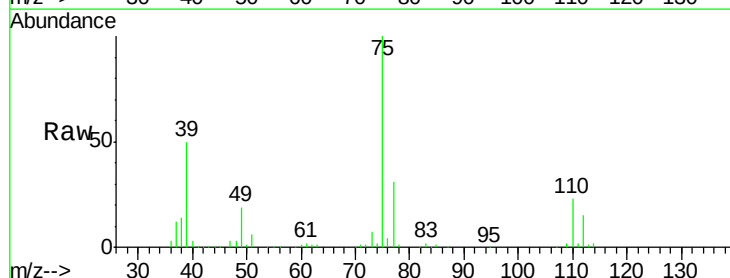
Tgt Ion: 75 Resp: 193263

Ion Ratio Lower Upper

75 100

77 31.4 24.6 36.8

39 50.0 39.8 59.6



Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 76.90 (76.60 to 77.60): VU0

Ion 39.00 (38.70 to 39.70): VU0

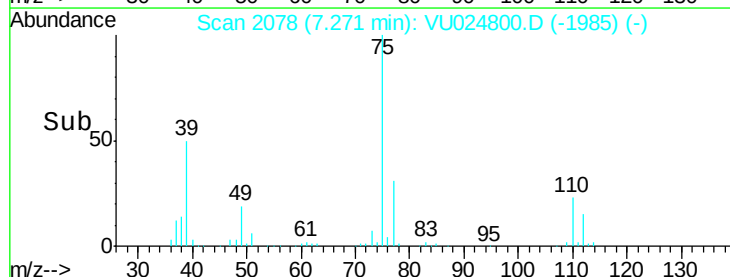
150000

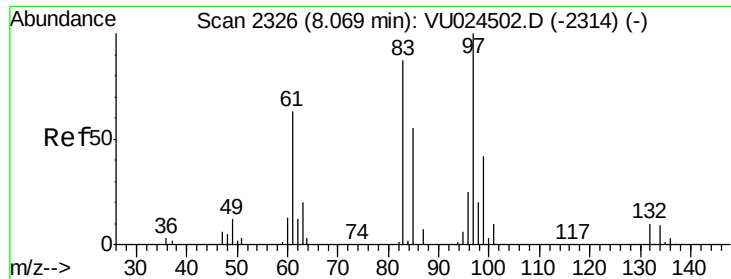
100000

50000

0

Time-->

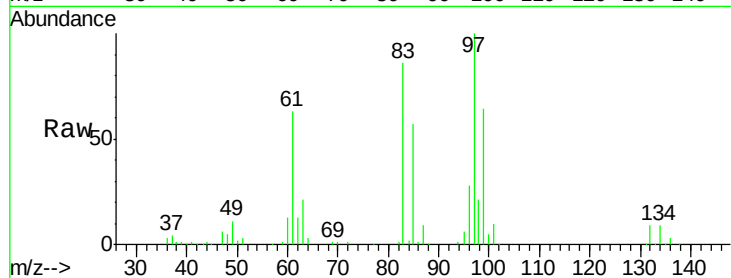




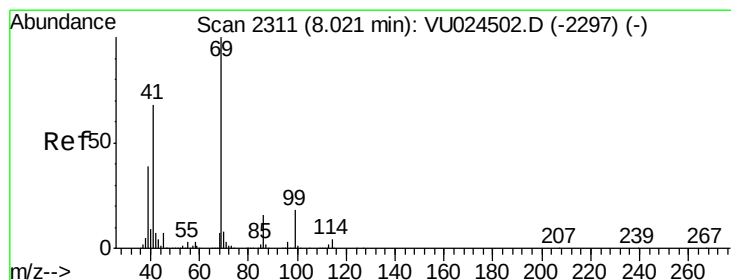
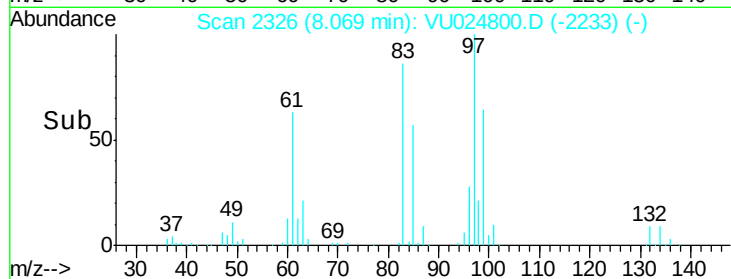
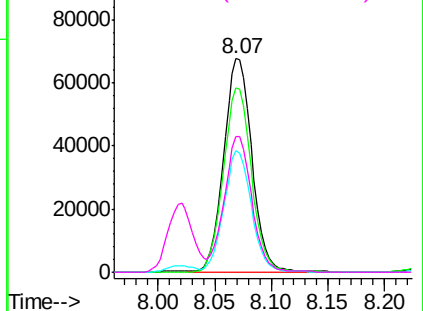
#55
 1,1,2-Trichloroethane
 Concen: 50.41 ug/l
 RT: 8.07 min Scan# 2326
 Delta R.T. -0.00 min
 Lab File: VU024800.D
 Acq: 21 Jun 2018 10:25

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Tot Ion:	97	Resp:	117952
Ion	Ratio	Lower	Upper
97	100		
83	86.2	70.5	105.7
85	56.7	46.4	69.6
99	63.7	50.2	75.2

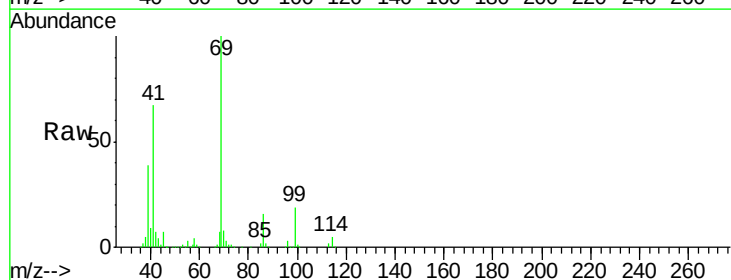


Abundance Ion 96.90 (96.60 to 97.60): VU0
 Ion 82.90 (82.60 to 83.60): VU0
 Ion 84.90 (84.60 to 85.60): VU0
 Ion 98.90 (98.60 to 99.60): VU0

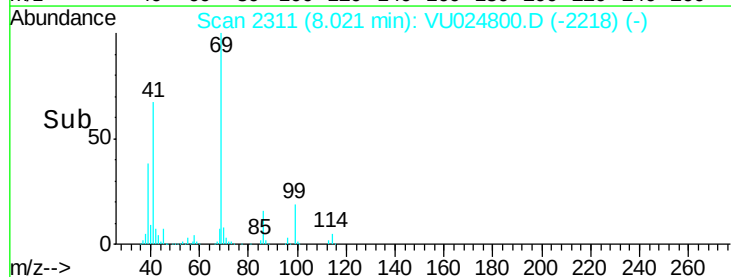
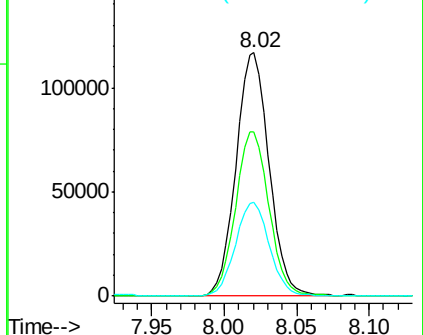


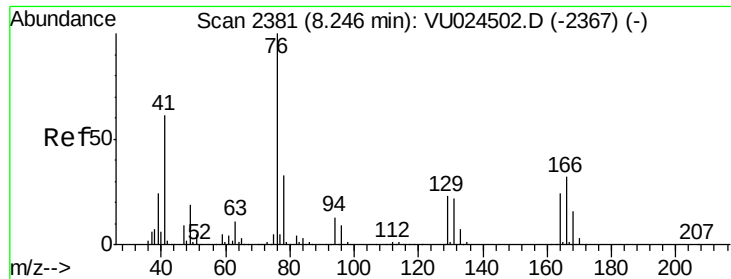
#56
 Ethyl methacrylate
 Concen: 47.33 ug/l
 RT: 8.02 min Scan# 2311
 Delta R.T. -0.00 min
 Lab File: VU024800.D
 Acq: 21 Jun 2018 10:25

Tgt Ion:	69	Resp:	185360
Ion	Ratio	Lower	Upper
69	100		
41	68.0	54.1	81.1
39	39.3	30.3	45.5



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

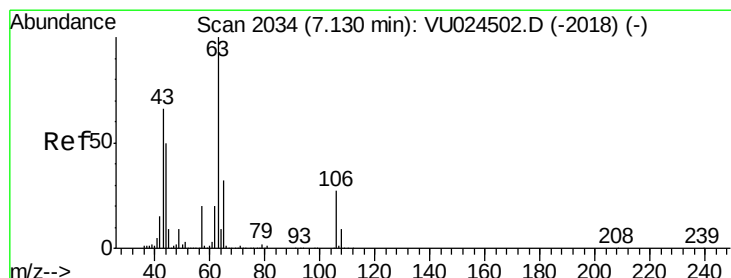
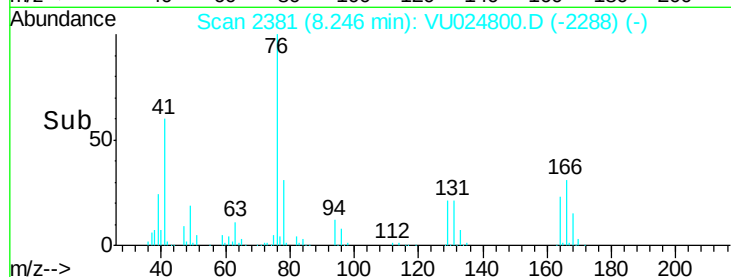
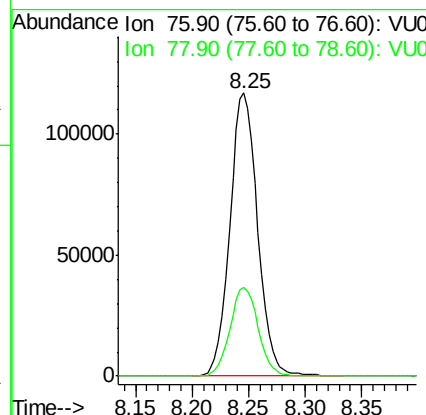
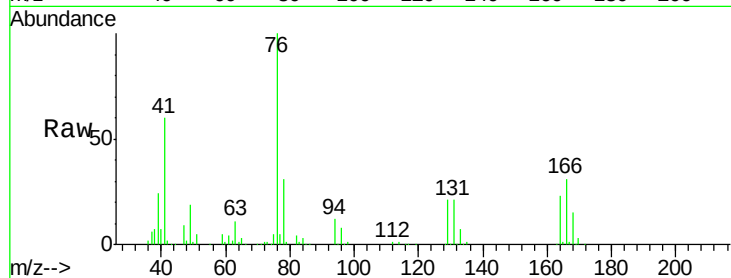




#57
 1,3-Dichloropropane
 Concen: 50.58 ug/l
 RT: 8.25 min Scan# 2381
 Delta R.T. -0.00 min
 Lab File: VU024800.D
 Acq: 21 Jun 2018 10:25

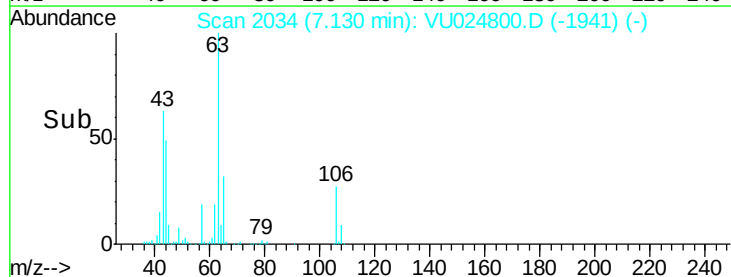
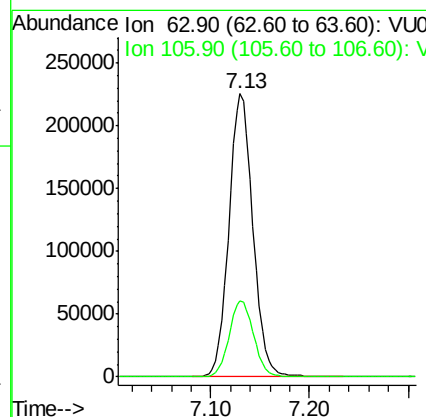
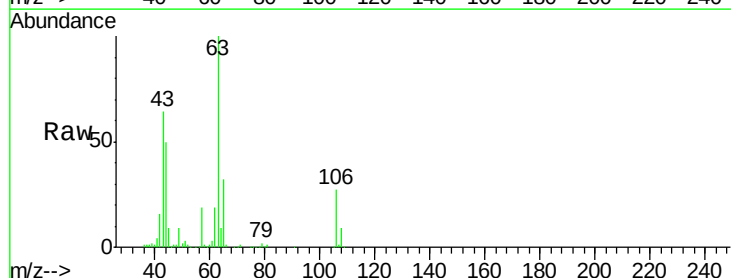
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

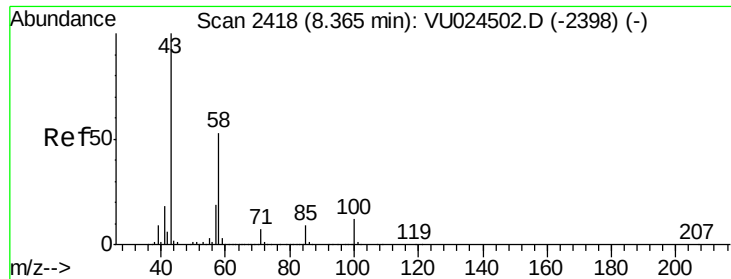
Tot Ion: 76 Resp: 199678
 Ion Ratio Lower Upper
 76 100
 78 32.0 25.2 37.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 255.36 ug/l
 RT: 7.13 min Scan# 2034
 Delta R.T. -0.00 min
 Lab File: VU024800.D
 Acq: 21 Jun 2018 10:25

Tgt Ion: 63 Resp: 383167
 Ion Ratio Lower Upper
 63 100
 106 27.3 20.2 30.2

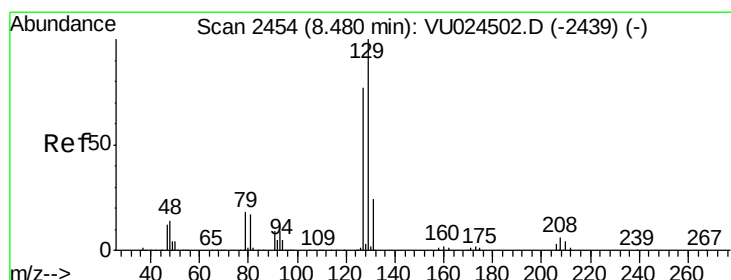
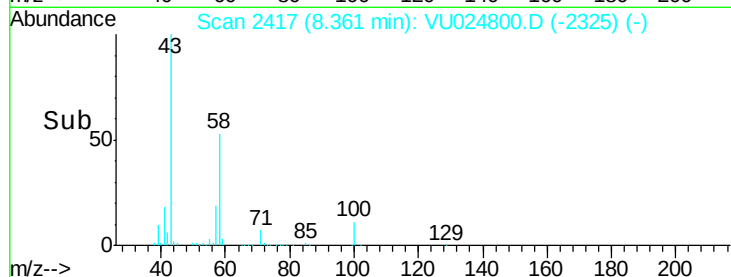
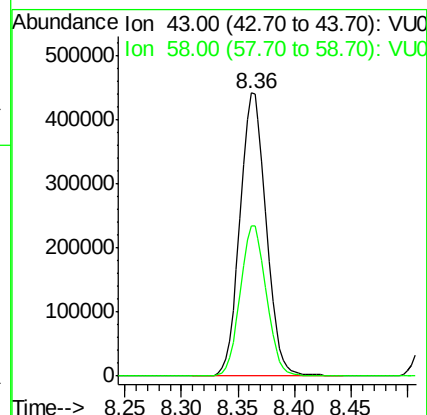
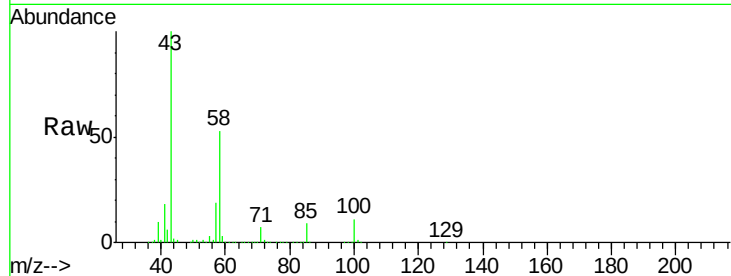




#59
2-Hexanone
Concen: 235.85 ug/l
RT: 8.36 min Scan# 2417
Delta R.T. -0.00 min
Lab File: VU024800.D
Acq: 21 Jun 2018 10:25

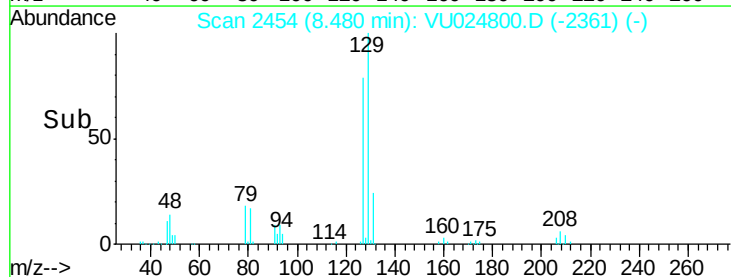
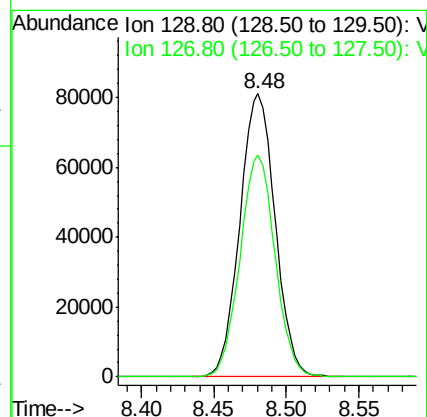
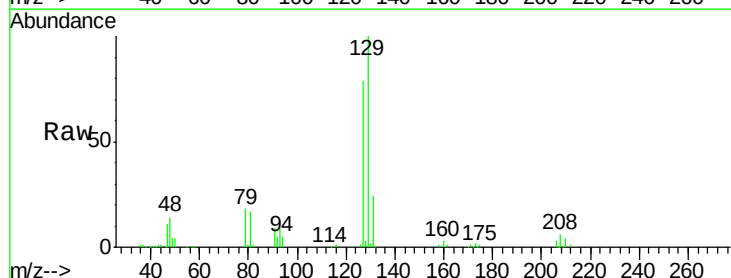
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

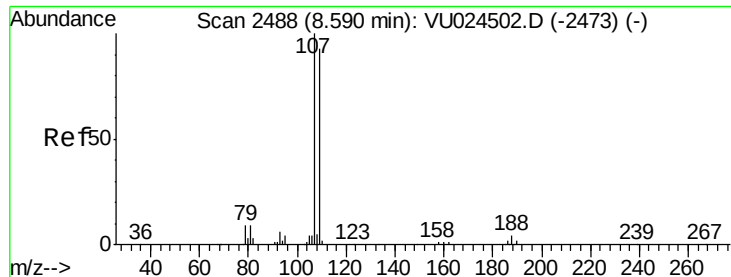
Tot Ion: 43 Resp: 715673
Ion Ratio Lower Upper
43 100
58 53.1 26.4 79.0



#60
Dibromochloromethane
Concen: 47.04 ug/l
RT: 8.48 min Scan# 2454
Delta R.T. -0.00 min
Lab File: VU024800.D
Acq: 21 Jun 2018 10:25

Tgt Ion: 129 Resp: 137253
Ion Ratio Lower Upper
129 100
127 77.9 38.6 116.0

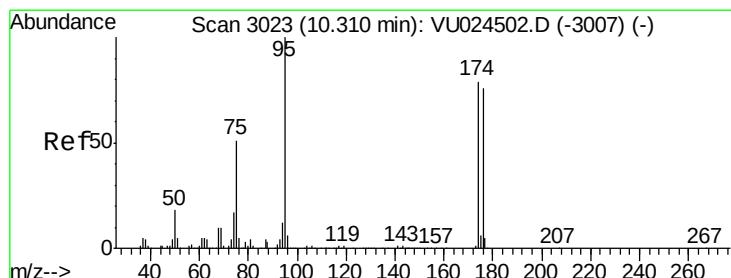
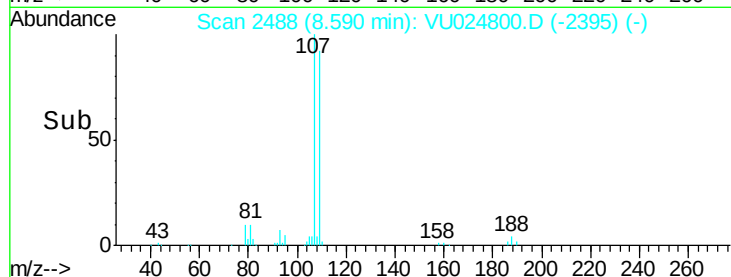
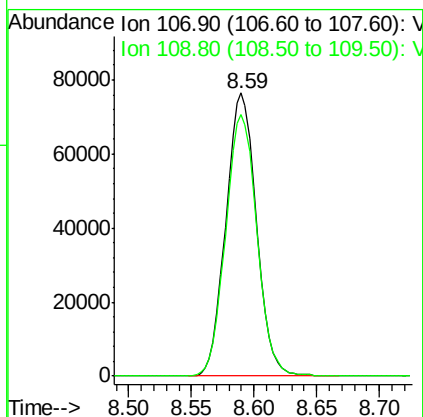
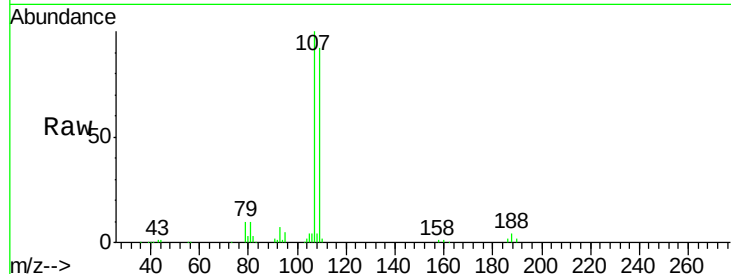




#61
 1,2-Dibromoethane
 Concen: 49.58 ug/l
 RT: 8.59 min Scan# 2488
 Delta R.T. -0.00 min
 Lab File: VU024800.D
 Acq: 21 Jun 2018 10:25

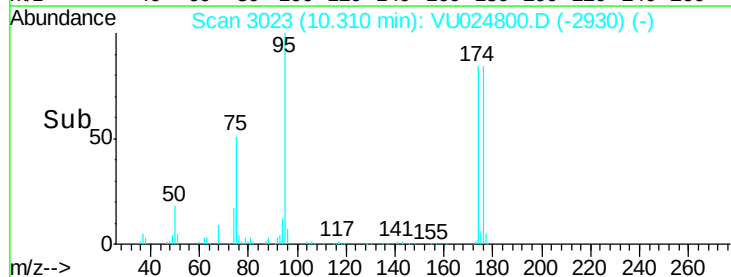
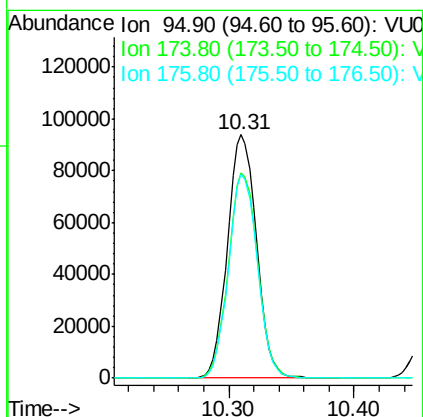
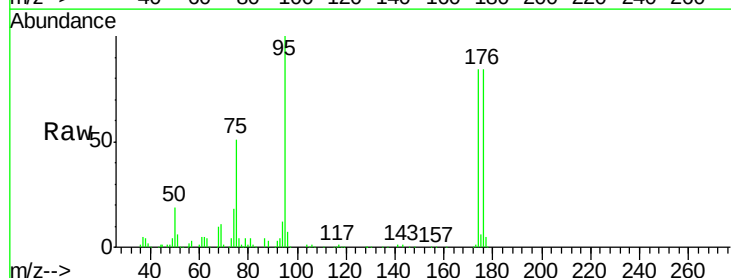
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

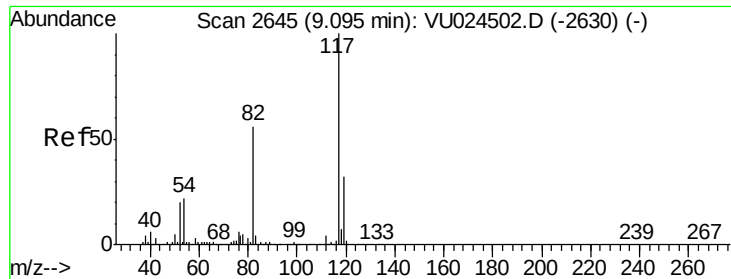
Tot Ion:107 Resp: 129124
 Ion Ratio Lower Upper
 107 100
 109 94.7 74.5 111.7



#62
 4-Bromofluorobenzene
 Concen: 46.97 ug/l
 RT: 10.31 min Scan# 3023
 Delta R.T. -0.00 min
 Lab File: VU024800.D
 Acq: 21 Jun 2018 10:25

Tgt Ion: 95 Resp: 150874
 Ion Ratio Lower Upper
 95 100
 174 85.4 0.0 165.8
 176 83.4 0.0 159.4

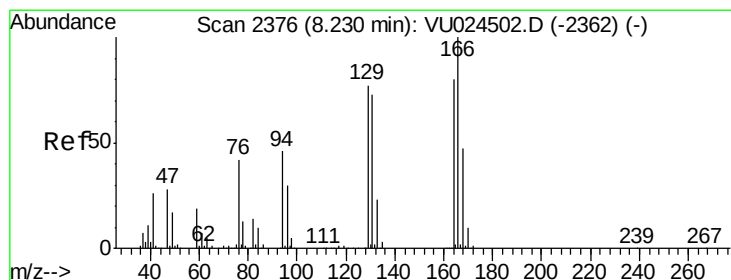
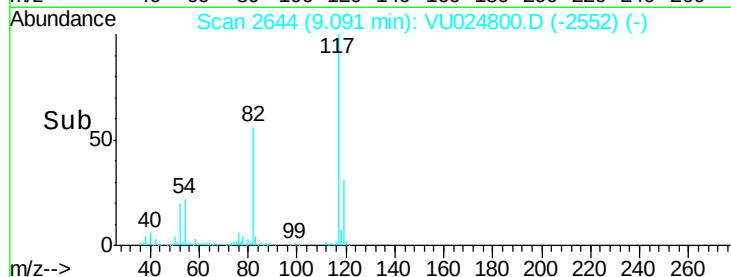
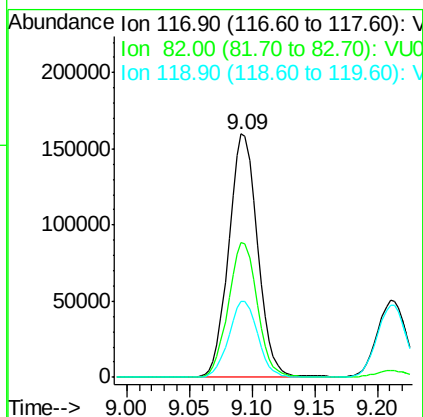
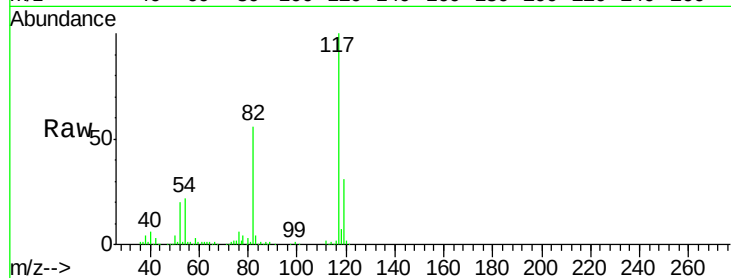




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.09 min Scan# 2644
Delta R.T. -0.00 min
Lab File: VU024800.D
Acq: 21 Jun 2018 10:25

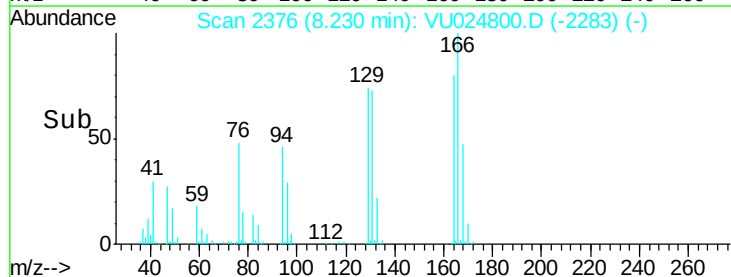
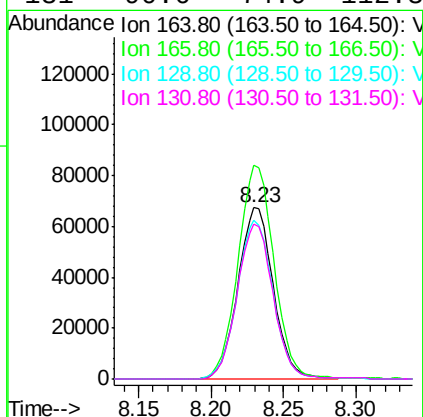
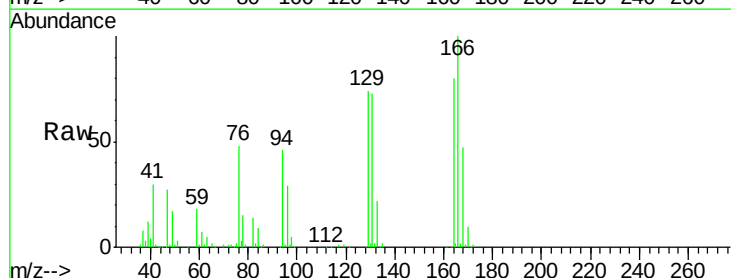
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

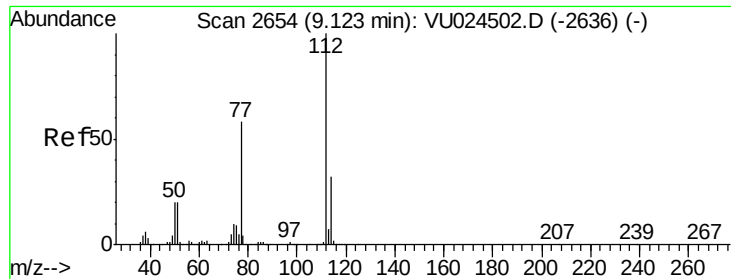
Tot Ion:117 Resp: 255554
Ion Ratio Lower Upper
117 100
82 55.6 44.3 66.5
119 31.4 25.4 38.2



#64
Tetrachloroethene
Concen: 47.10 ug/l
RT: 8.23 min Scan# 2376
Delta R.T. -0.00 min
Lab File: VU024800.D
Acq: 21 Jun 2018 10:25

Tgt Ion:164 Resp: 114423
Ion Ratio Lower Upper
164 100
166 124.6 101.7 152.5
129 92.6 76.9 115.3
131 90.6 74.9 112.3

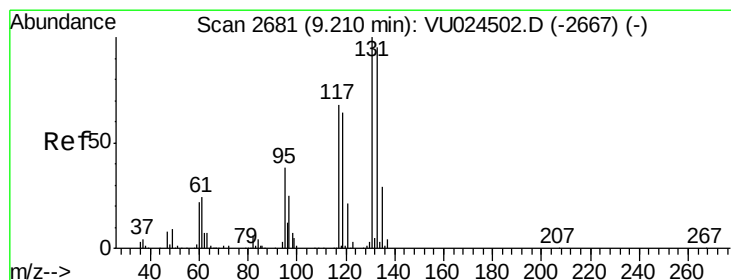
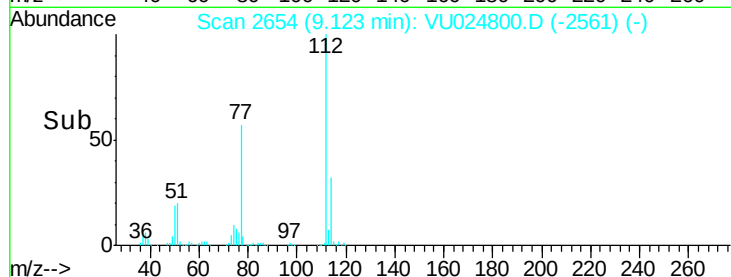
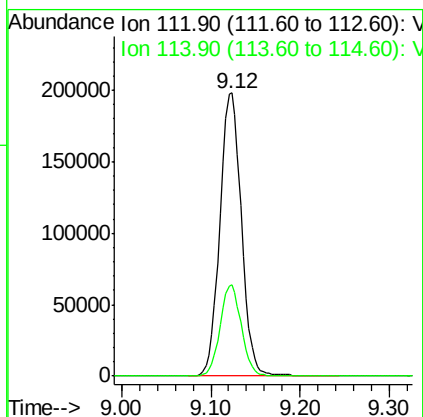
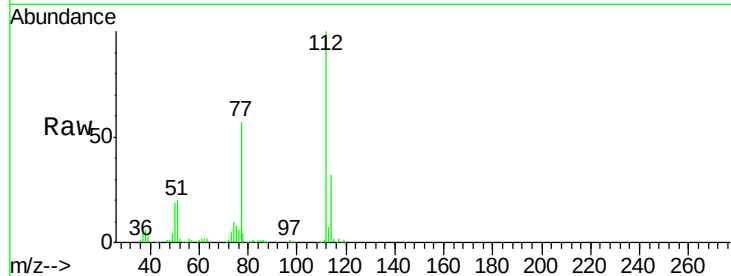




#65
Chlorobenzene
Concen: 50.81 ug/l
RT: 9.12 min Scan# 2654
Delta R.T. -0.00 min
Lab File: VU024800.D
Acq: 21 Jun 2018 10:25

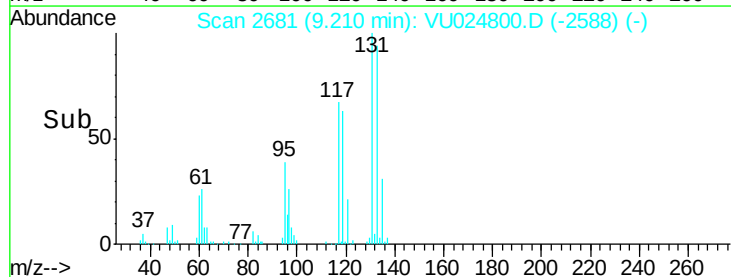
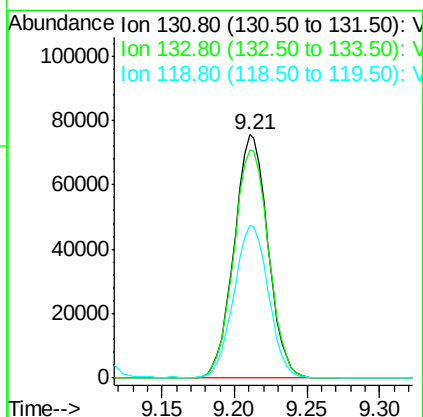
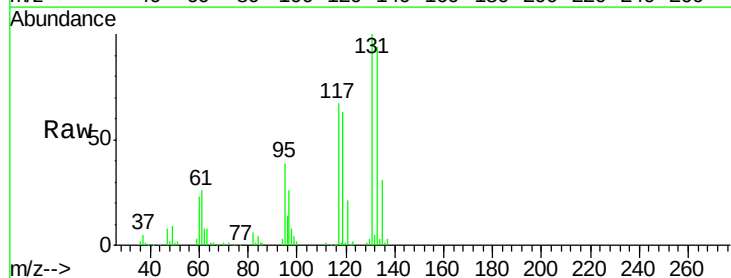
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

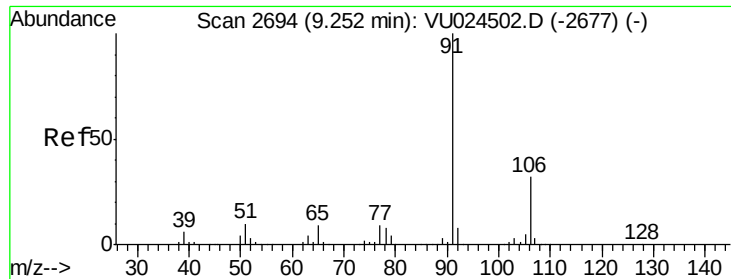
Tot Ion:112 Resp: 331718
Ion Ratio Lower Upper
112 100
114 32.2 25.6 38.4



#66
1,1,1,2-Tetrachloroethane
Concen: 49.45 ug/l
RT: 9.21 min Scan# 2681
Delta R.T. -0.00 min
Lab File: VU024800.D
Acq: 21 Jun 2018 10:25

Tgt Ion:131 Resp: 122657
Ion Ratio Lower Upper
131 100
133 96.8 46.9 140.8
119 64.2 33.5 100.4

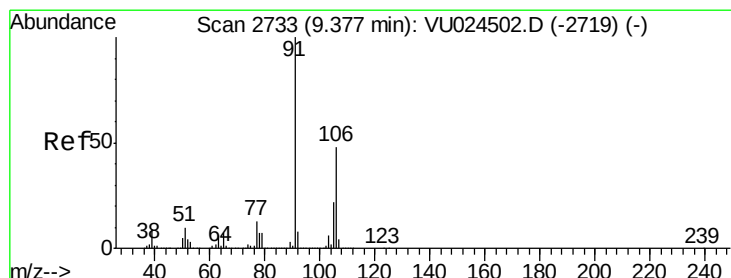
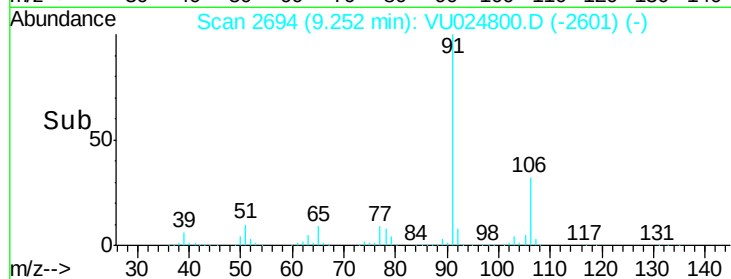
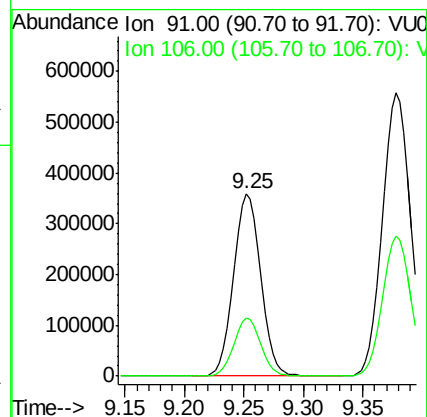
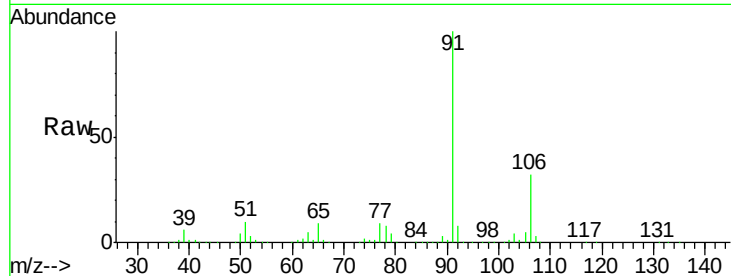




#67
Ethyl Benzene
Concen: 49.91 ug/l
RT: 9.25 min Scan# 2694
Delta R.T. -0.00 min
Lab File: VU024800.D
Acq: 21 Jun 2018 10:25

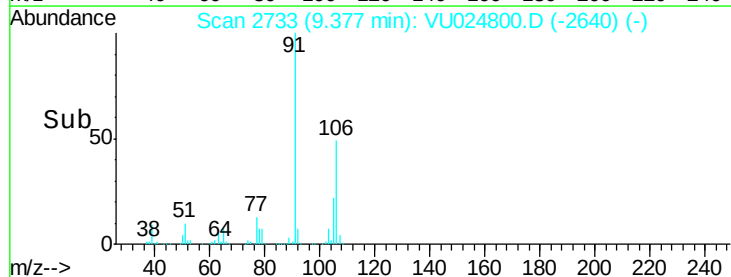
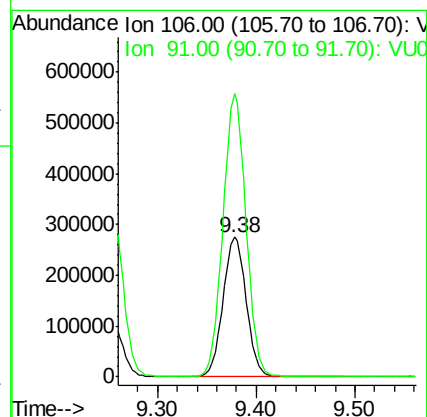
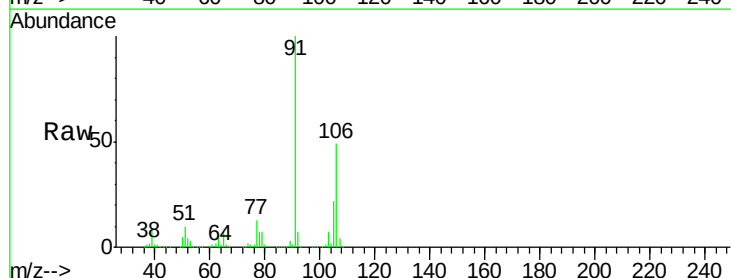
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

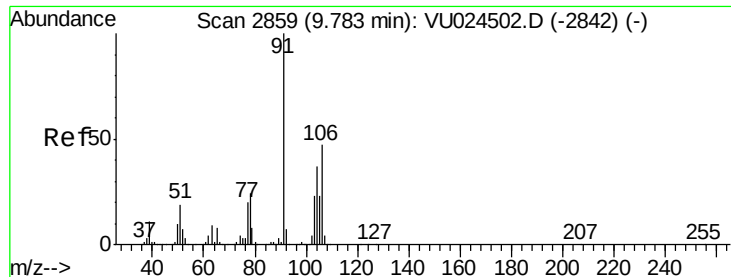
Tot Ion: 91 Resp: 571176
Ion Ratio Lower Upper
91 100
106 32.0 24.2 36.4



#68
m/p-Xylenes
Concen: 103.45 ug/l
RT: 9.38 min Scan# 2733
Delta R.T. -0.00 min
Lab File: VU024800.D
Acq: 21 Jun 2018 10:25

Tgt Ion: 106 Resp: 454661
Ion Ratio Lower Upper
106 100
91 201.6 166.5 249.7

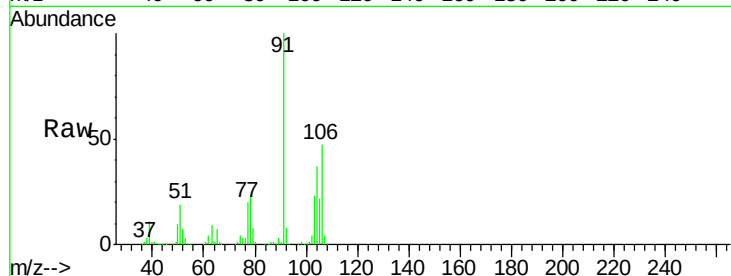




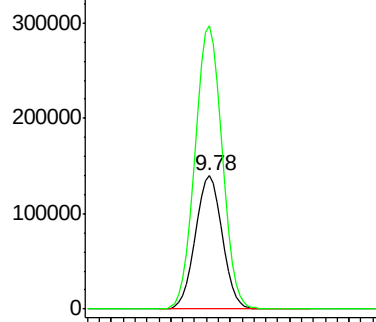
#69
o-Xylene
Concen: 50.55 ug/l
RT: 9.78 min Scan# 2859
Delta R.T. -0.00 min
Lab File: VU024800.D
Acq: 21 Jun 2018 10:25

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

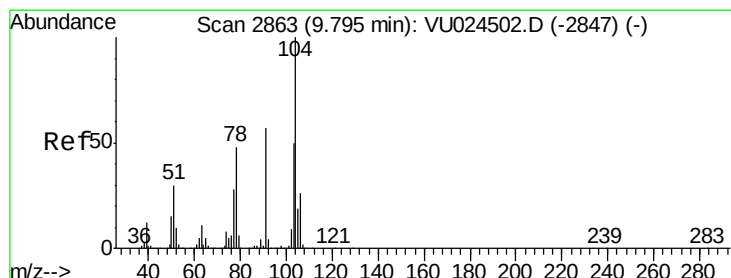
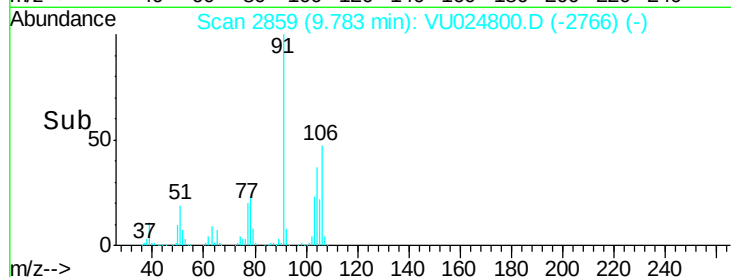
Tot Ion:106 Resp: 219858
Ion Ratio Lower Upper
106 100
91 213.8 110.7 331.9



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

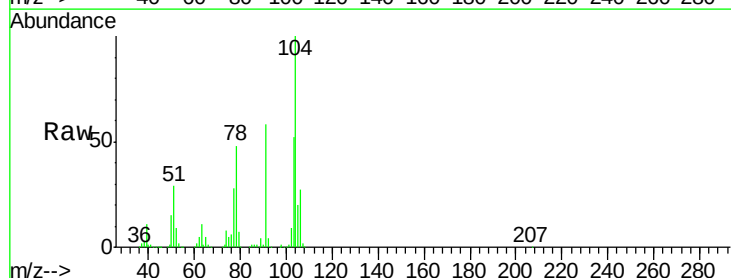


Time--> 9.70 9.75 9.80 9.85 9.90

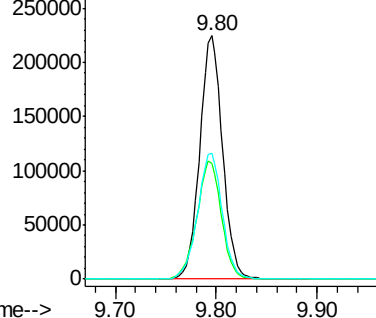


#70
Styrene
Concen: 49.69 ug/l
RT: 9.80 min Scan# 2863
Delta R.T. -0.00 min
Lab File: VU024800.D
Acq: 21 Jun 2018 10:25

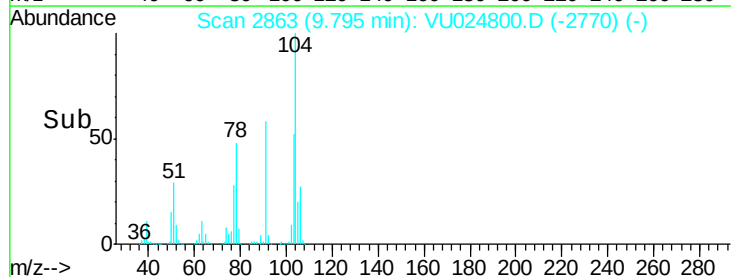
Tgt Ion:104 Resp: 355135
Ion Ratio Lower Upper
104 100
78 52.4 40.6 60.8
103 55.6 44.7 67.1

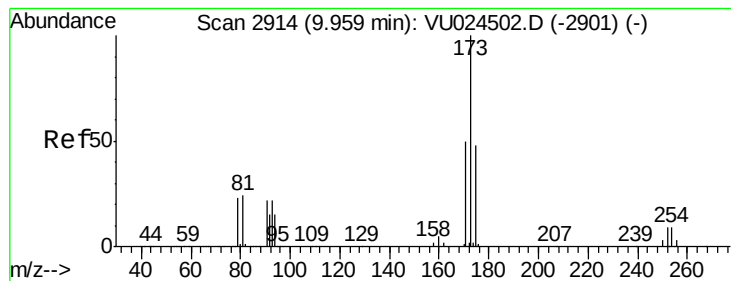


Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VU0
Ion 103.00 (102.70 to 103.70): V



Time--> 9.70 9.80 9.90





#71

Bromoform

Concen: 46.15 ug/l

RT: 9.96 min Scan# 2915

Delta R.T. 0.00 min

Lab File: VU024800.D

Acq: 21 Jun 2018 10:25

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

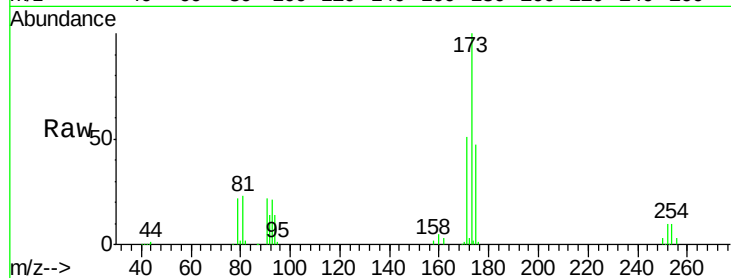
Tot Ion:173 Resp: 108797

Ion Ratio Lower Upper

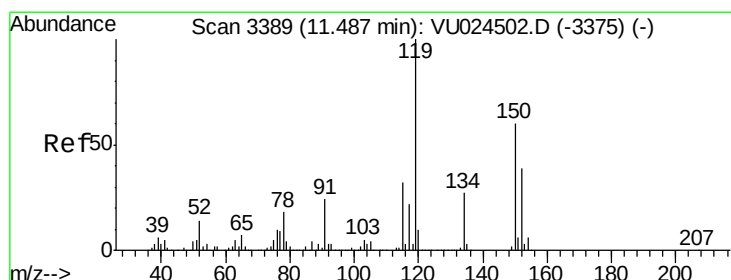
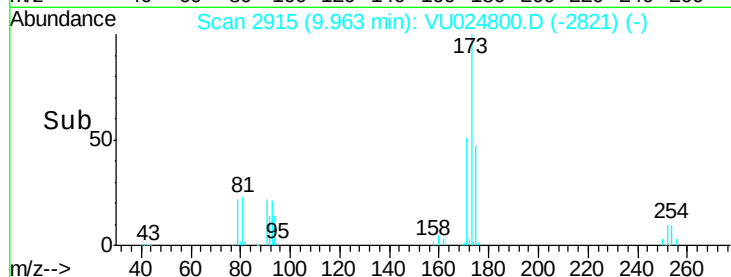
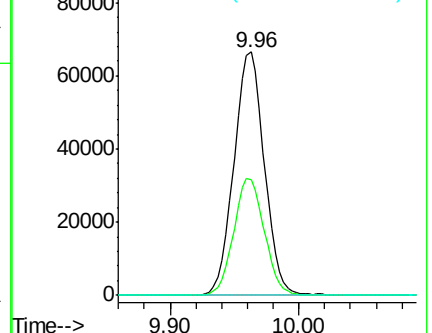
173 100

175 48.2 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: 50.00 ug/l

RT: 11.49 min Scan# 3389

Delta R.T. -0.00 min

Lab File: VU024800.D

Acq: 21 Jun 2018 10:25

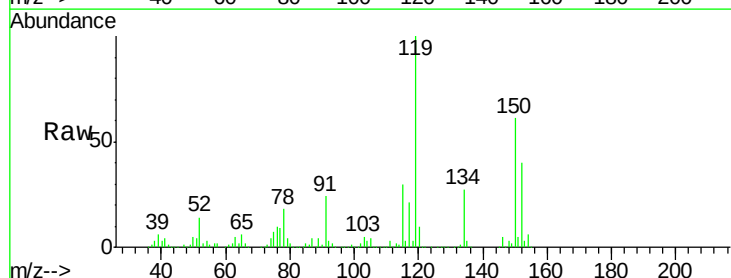
Tgt Ion:152 Resp: 159152

Ion Ratio Lower Upper

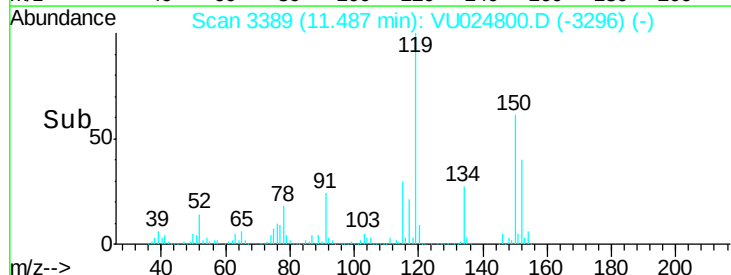
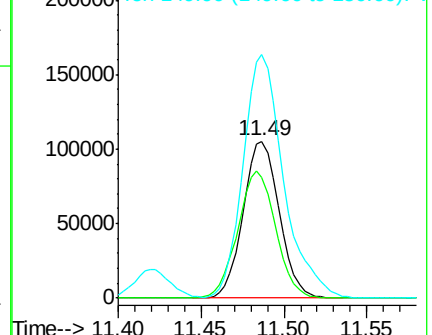
152 100

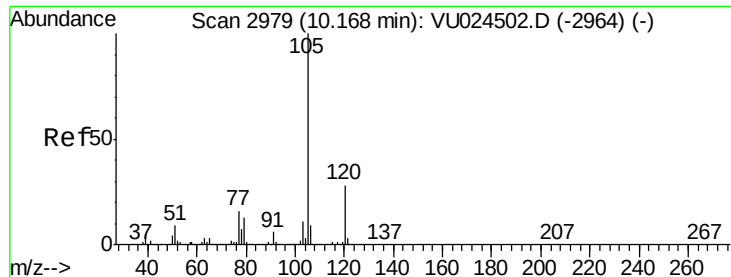
115 85.1 43.0 129.0

150 174.6 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: 48.85 ug/l

RT: 10.17 min Scan# 2979

Delta R.T. -0.00 min

Lab File: VU024800.D

Acq: 21 Jun 2018 10:25

Instrument :

MSVOA_U

ClientSampleId :

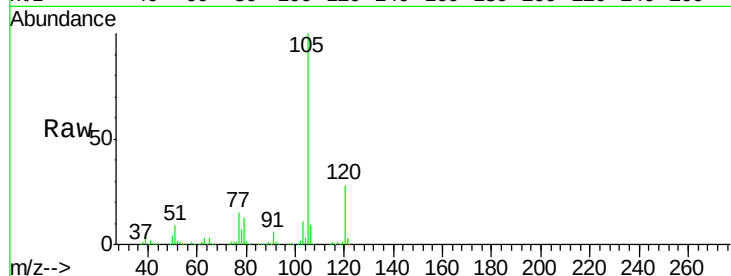
VSTDCCC050

Tot Ion:105 Resp: 596906

Ion Ratio Lower Upper

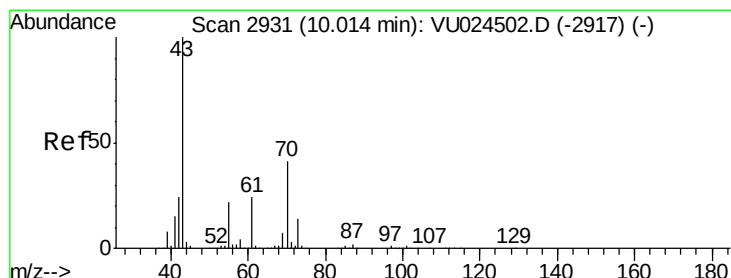
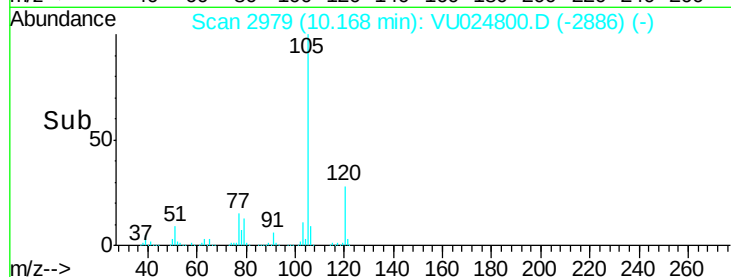
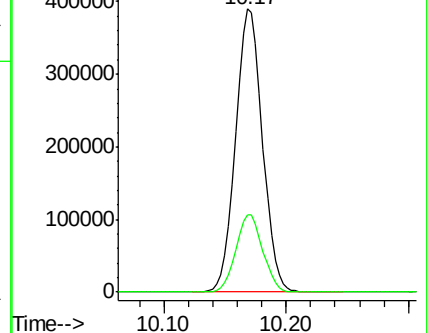
105 100

120 27.4 13.2 39.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 44.51 ug/l

RT: 10.01 min Scan# 2931

Delta R.T. -0.00 min

Lab File: VU024800.D

Acq: 21 Jun 2018 10:25

Tgt Ion: 43 Resp: 258699

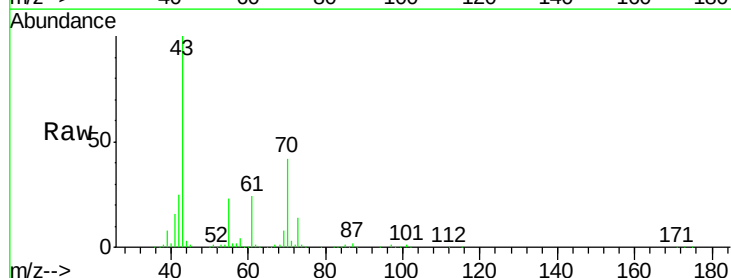
Ion Ratio Lower Upper

43 100

70 41.5 32.2 48.4

55 23.3 20.5 30.7

61 23.8 18.7 28.1

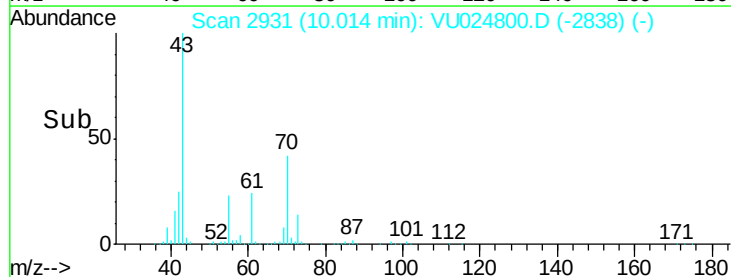
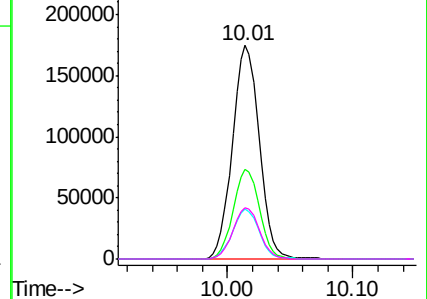


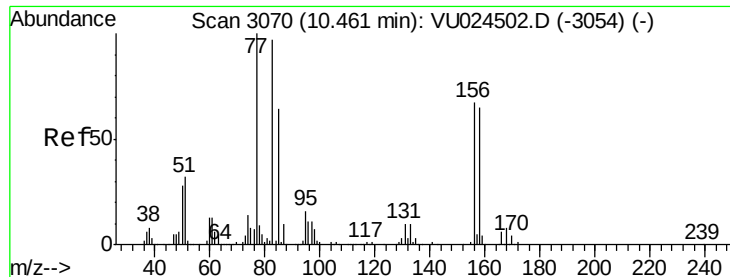
Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 70.00 (69.70 to 70.70): VU0

Ion 55.00 (54.70 to 55.70): VU0

Ion 61.00 (60.70 to 61.70): VU0





#75

1,1,2,2-Tetrachloroethane

Concen: 46.56 ug/l

RT: 10.46 min Scan# 3070

Delta R.T. -0.00 min

Lab File: VU024800.D

Acq: 21 Jun 2018 10:25

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

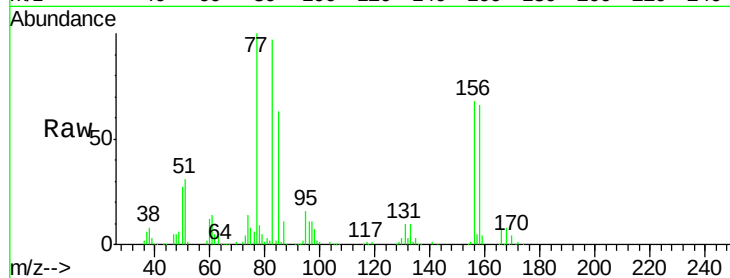
Tot Ion: 83 Resp: 190654

Ion Ratio Lower Upper

83 100

131 10.6 4.7 14.1

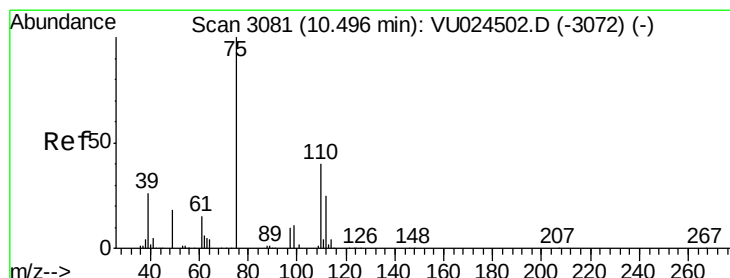
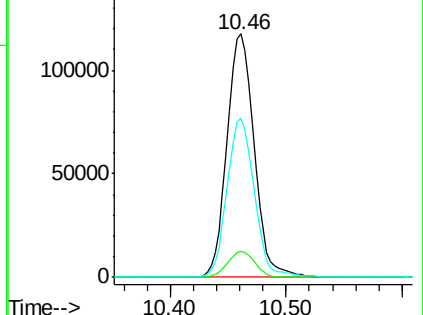
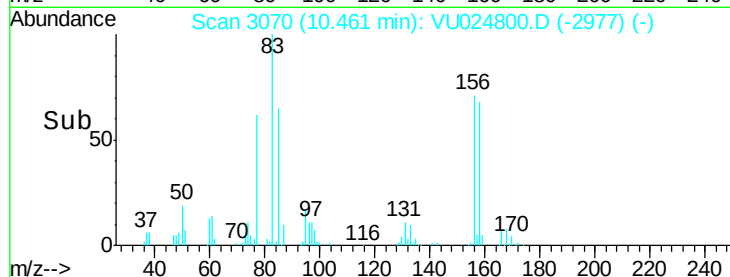
85 65.3 32.5 97.5



Abundance Ion 82.90 (82.60 to 83.60): VU024800.D (-2977) (-)

Ion 130.80 (130.50 to 131.50): VU024800.D (-2977) (-)

Ion 84.90 (84.60 to 85.60): VU024800.D (-2977) (-)



#76

1,2,3-Trichloropropane

Concen: 64.53 ug/l

RT: 10.50 min Scan# 3081

Delta R.T. -0.00 min

Lab File: VU024800.D

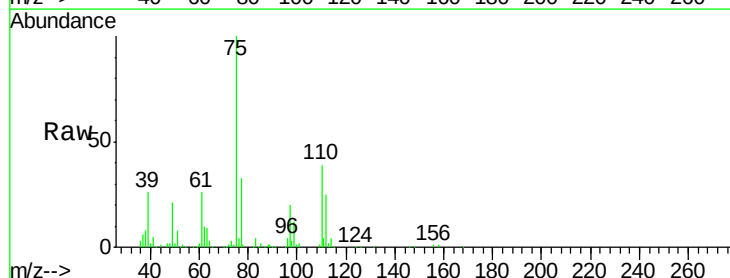
Acq: 21 Jun 2018 10:25

Tgt Ion: 75 Resp: 226122

Ion Ratio Lower Upper

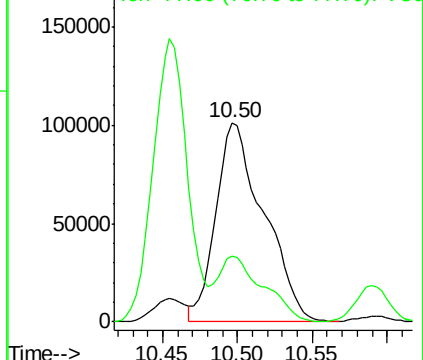
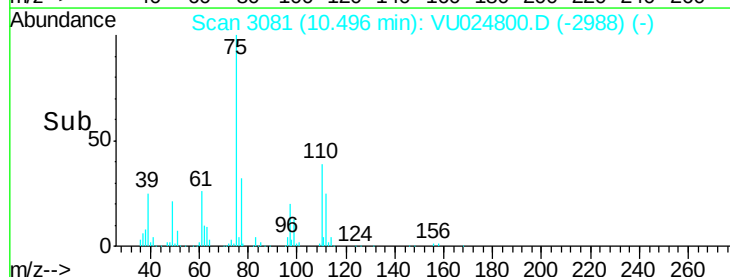
75 100

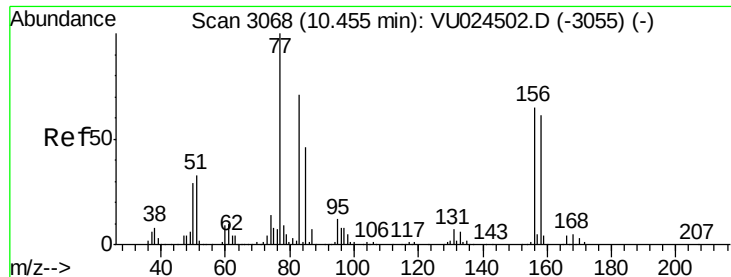
77 29.9 20.9 62.7



Abundance Ion 74.90 (74.60 to 75.60): VU024800.D (-2988) (-)

Ion 77.00 (76.70 to 77.70): VU024800.D (-2988) (-)





#77

Bromobenzene

Concen: 48.95 ug/l

RT: 10.45 min Scan# 3068

Delta R.T. -0.00 min

Lab File: VU024800.D

Acq: 21 Jun 2018 10:25

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

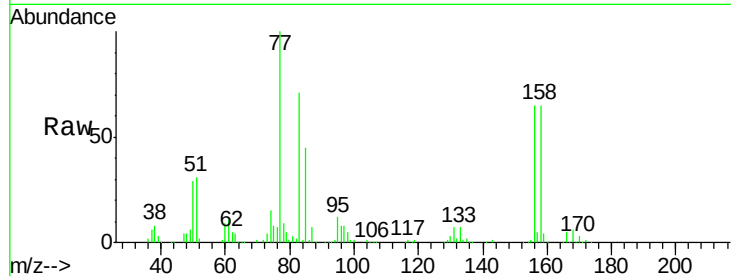
Tot Ion:156 Resp: 151435

Ion Ratio Lower Upper

156 100

77 150.9 80.5 241.3

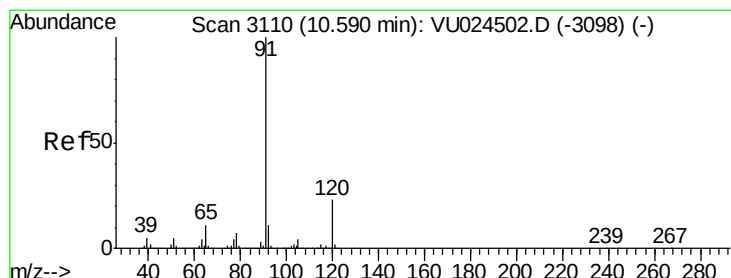
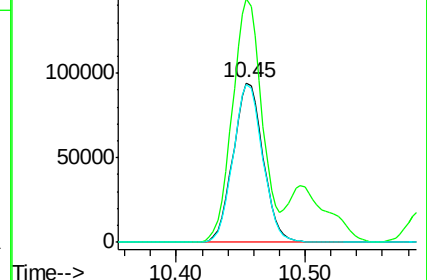
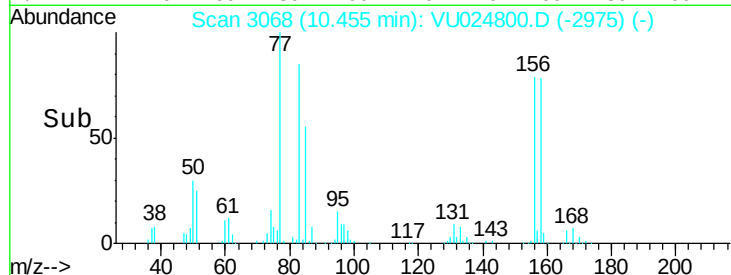
158 98.0 48.2 144.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VU0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 48.41 ug/l

RT: 10.59 min Scan# 3110

Delta R.T. -0.00 min

Lab File: VU024800.D

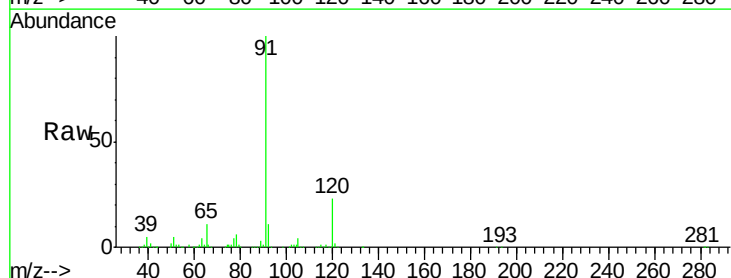
Acq: 21 Jun 2018 10:25

Tgt Ion: 91 Resp: 696775

Ion Ratio Lower Upper

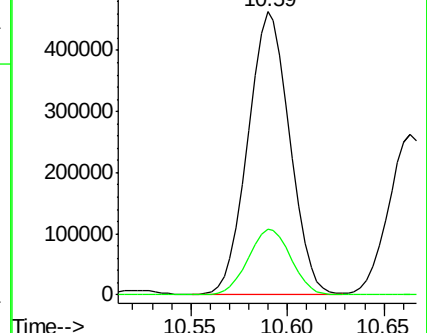
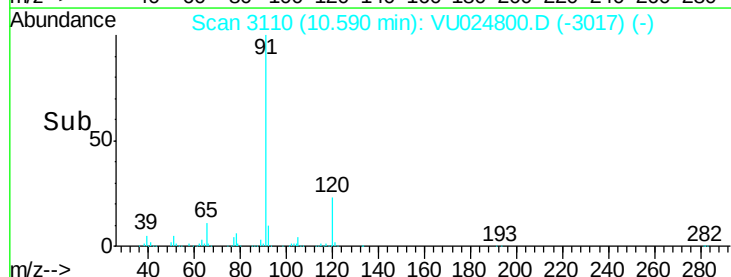
91 100

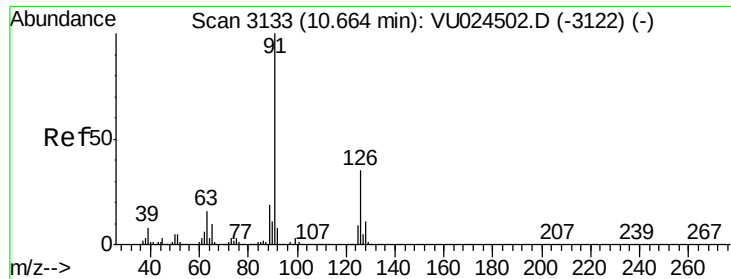
120 23.7 11.2 33.5



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 48.46 ug/l

RT: 10.66 min Scan# 3133

Delta R.T. -0.00 min

Lab File: VU024800.D

Acq: 21 Jun 2018 10:25

Instrument :

MSVOA_U

ClientSampleId :

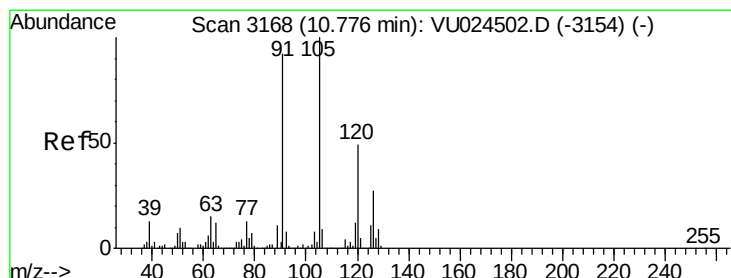
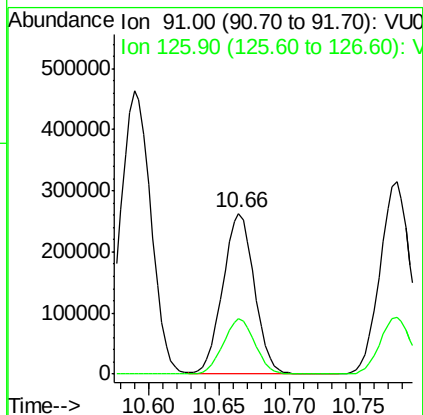
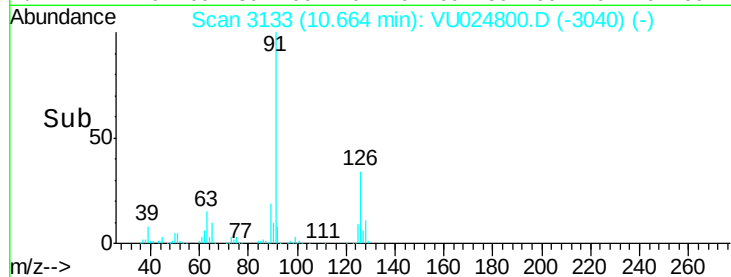
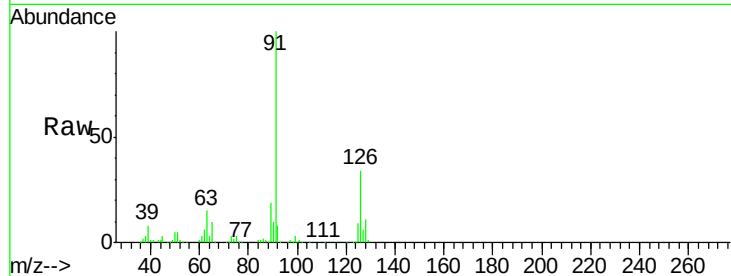
VSTDCCC050

Tot Ion: 91 Resp: 411330

Ion Ratio Lower Upper

91 100

126 34.7 16.9 50.7



#80

1,3,5-Trimethylbenzene

Concen: 49.44 ug/l

RT: 10.78 min Scan# 3168

Delta R.T. -0.00 min

Lab File: VU024800.D

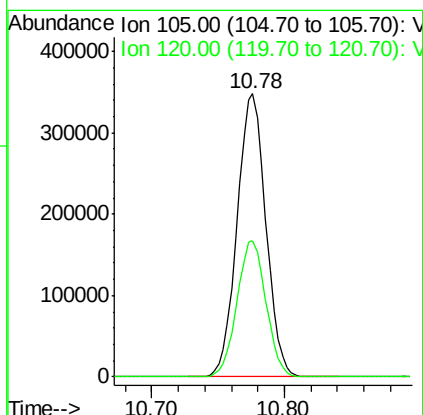
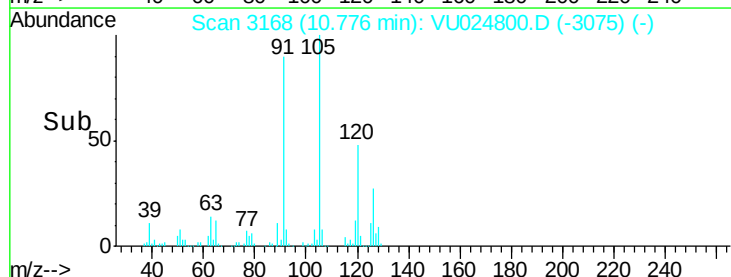
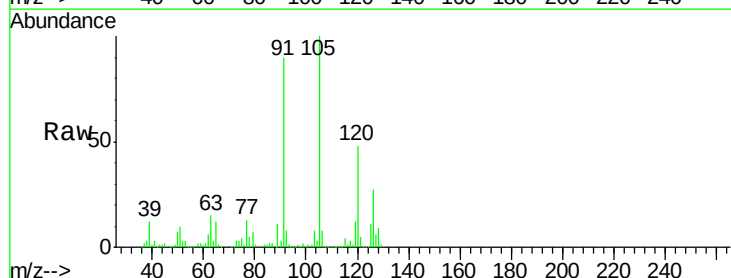
Acq: 21 Jun 2018 10:25

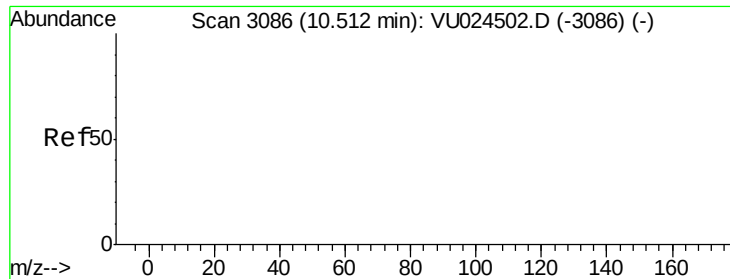
Tgt Ion: 105 Resp: 523652

Ion Ratio Lower Upper

105 100

120 48.6 24.1 72.2





#81

trans-1,4-Dichloro-2-butene

Concen: 149.36 ug/l

RT: 10.50 min Scan# 3081

Delta R.T. -0.02 min

Lab File: VU024800.D

Acq: 21 Jun 2018 10:25

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

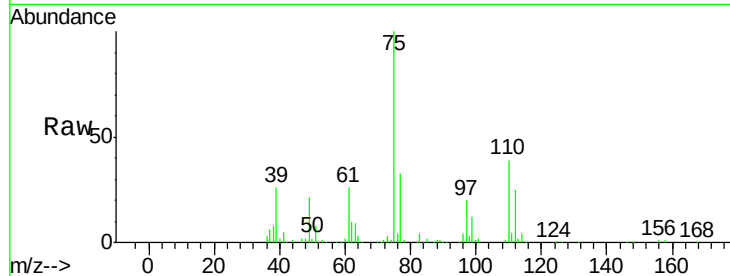
Tot Ion: 75 Resp: 226122

Ion Ratio Lower Upper

75 100

53 0.0 0.0 0.0

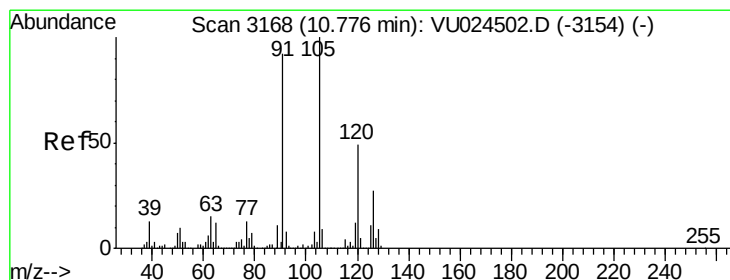
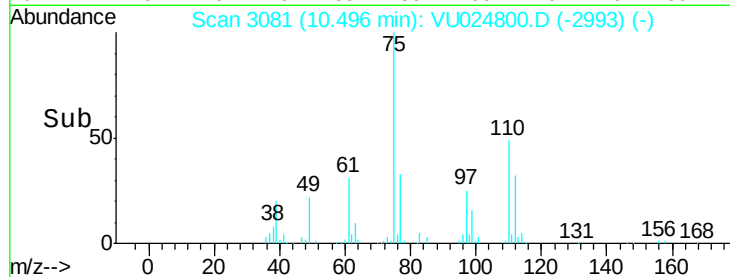
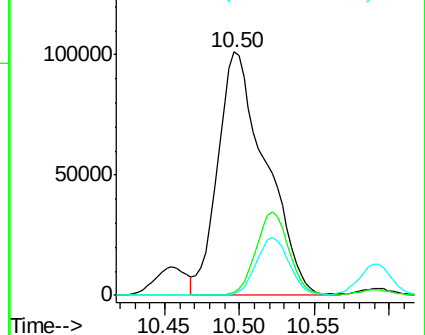
89 0.0 0.0 0.0



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: 48.69 ug/l

RT: 10.78 min Scan# 3168

Delta R.T. -0.00 min

Lab File: VU024800.D

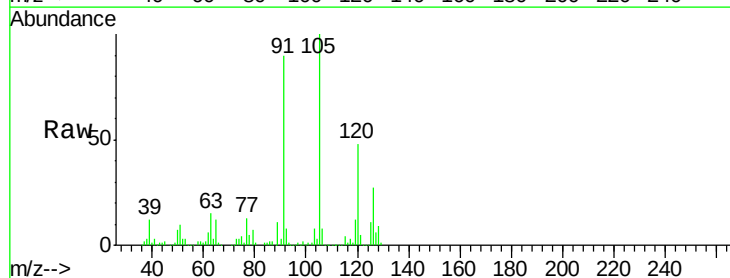
Acq: 21 Jun 2018 10:25

Tgt Ion: 91 Resp: 480993

Ion Ratio Lower Upper

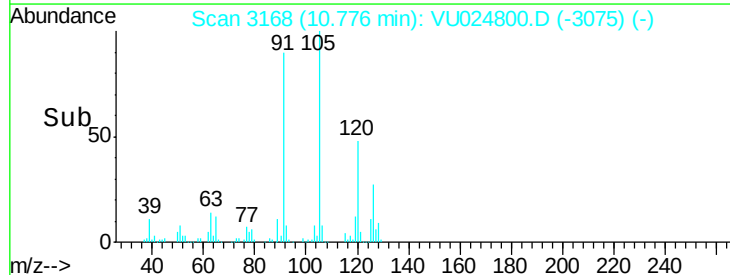
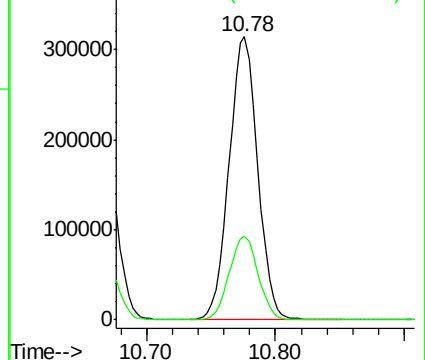
91 100

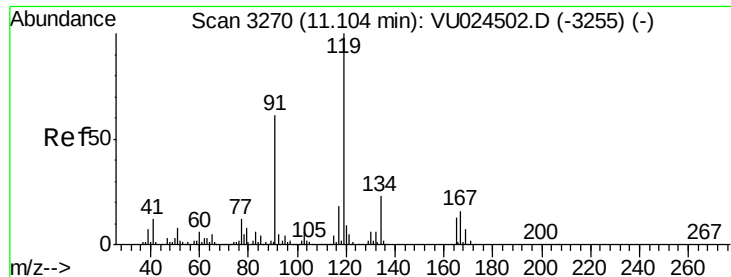
126 30.1 14.9 44.9



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 125.90 (125.60 to 126.60): V

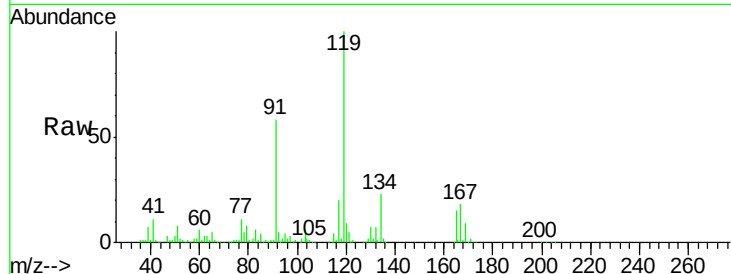




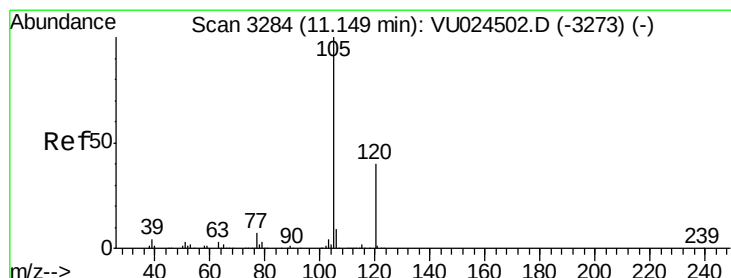
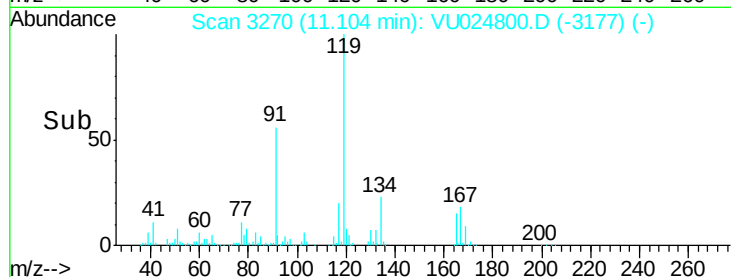
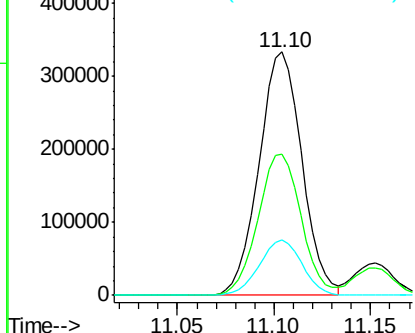
#83
 tert-Butylbenzene
 Concen: 50.70 ug/l
 RT: 11.10 min Scan# 3270
 Delta R.T. -0.00 min
 Lab File: VU024800.D
 Acq: 21 Jun 2018 10:25

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Tot Ion:119 Resp: 516552
 Ion Ratio Lower Upper
 119 100
 91 58.6 29.7 89.1
 134 22.7 11.6 34.7

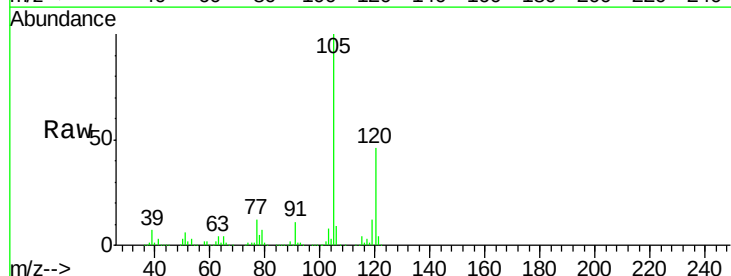


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): V
 Ion 134.00 (133.70 to 134.70): V

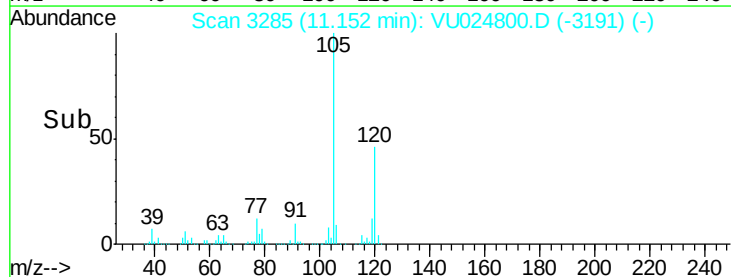
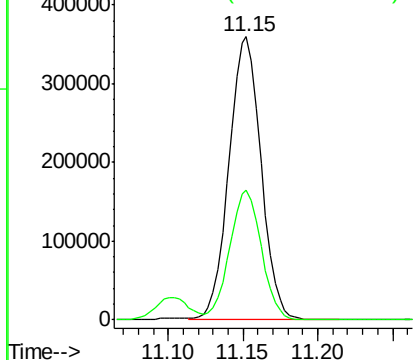


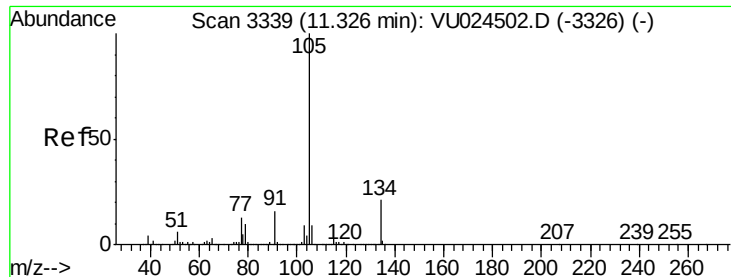
#84
 1,2,4-Trimethylbenzene
 Concen: 49.63 ug/l
 RT: 11.15 min Scan# 3285
 Delta R.T. 0.00 min
 Lab File: VU024800.D
 Acq: 21 Jun 2018 10:25

Tgt Ion:105 Resp: 535674
 Ion Ratio Lower Upper
 105 100
 120 45.6 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: 49.81 ug/l

RT: 11.33 min Scan# 3339

Delta R.T. -0.00 min

Lab File: VU024800.D

Acq: 21 Jun 2018 10:25

Instrument :

MSVOA_U

ClientSampleId :

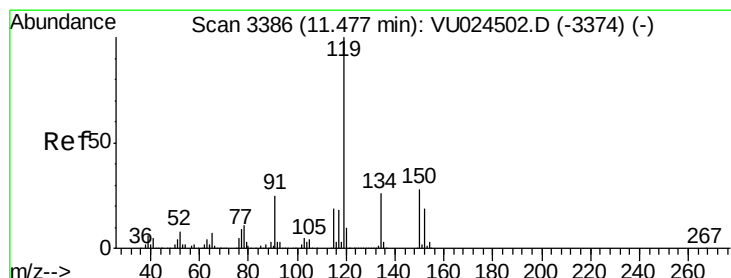
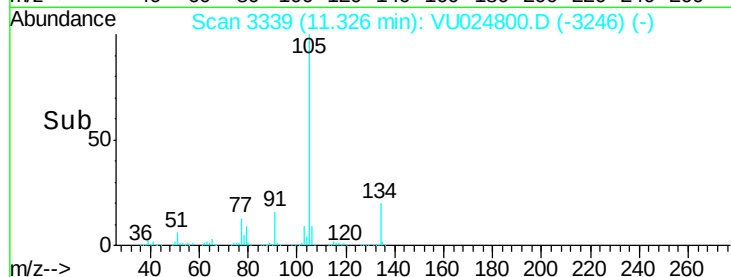
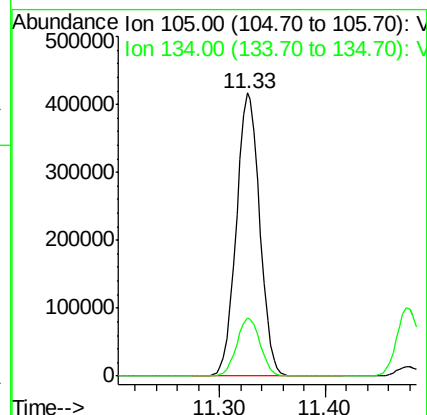
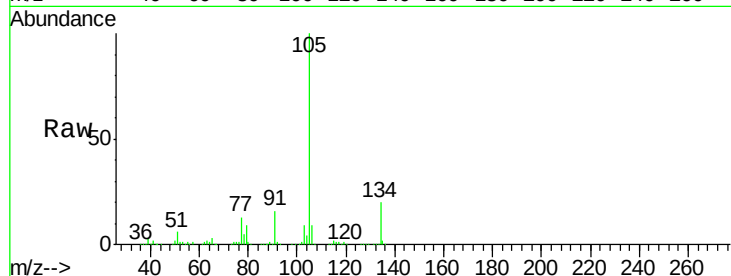
VSTDCCC050

Tot Ion:105 Resp: 635149

Ion Ratio Lower Upper

105 100

134 20.6 9.7 29.1



#86

p-Isopropyltoluene

Concen: 49.96 ug/l

RT: 11.48 min Scan# 3386

Delta R.T. -0.00 min

Lab File: VU024800.D

Acq: 21 Jun 2018 10:25

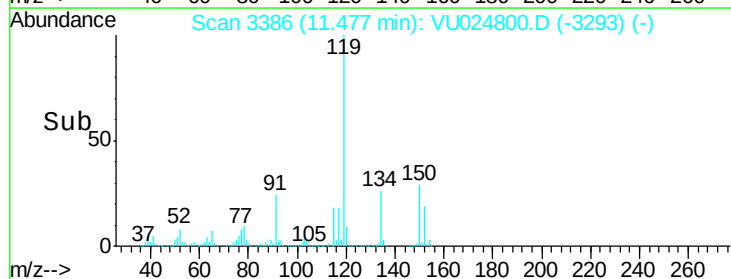
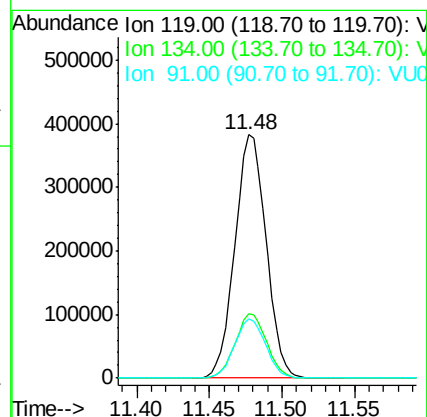
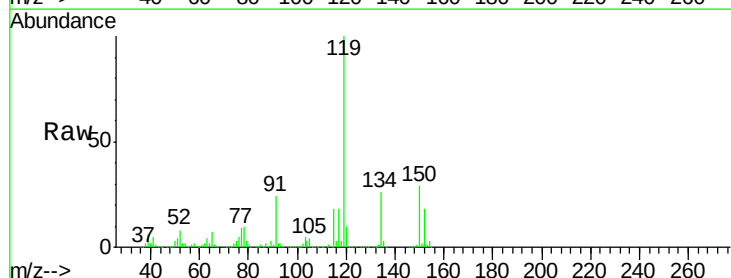
Tgt Ion:119 Resp: 570627

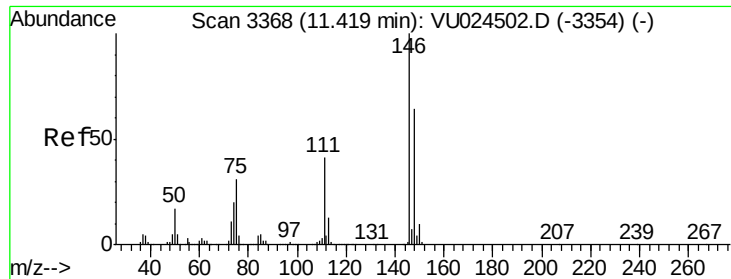
Ion Ratio Lower Upper

119 100

134 26.6 12.9 38.6

91 24.3 12.0 36.1

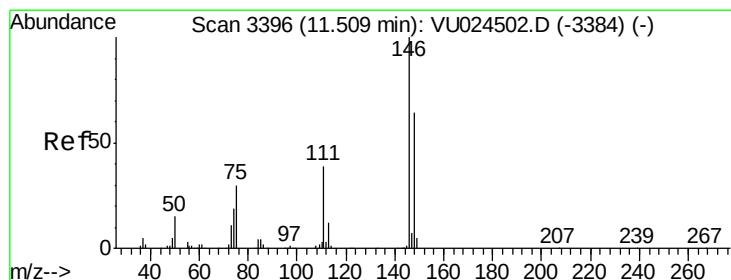
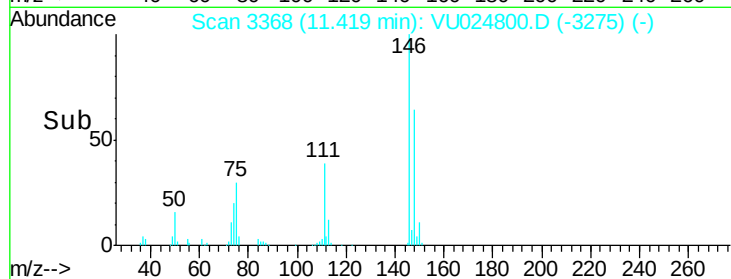
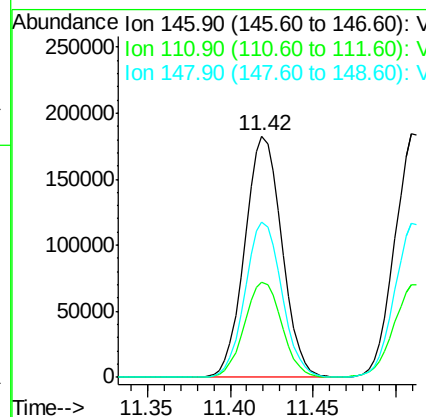
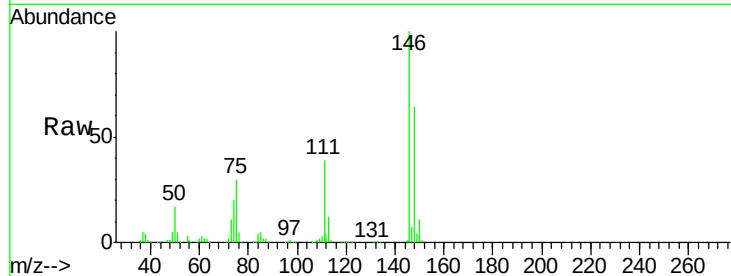




#87
 1,3-Dichlorobenzene
 Concen: 49.71 ug/l
 RT: 11.42 min Scan# 3368
 Delta R.T. -0.00 min
 Lab File: VU024800.D
 Acq: 21 Jun 2018 10:25

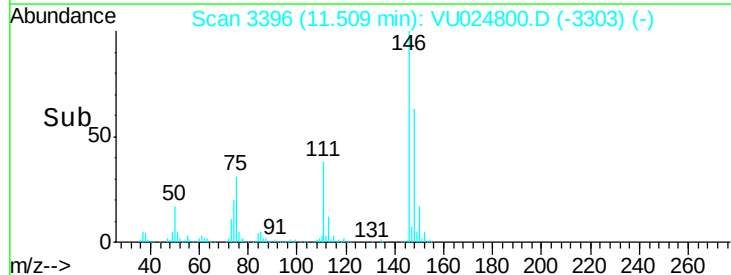
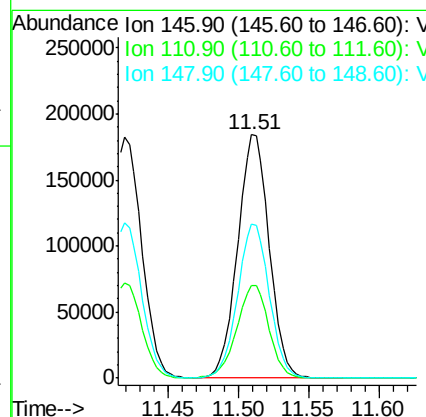
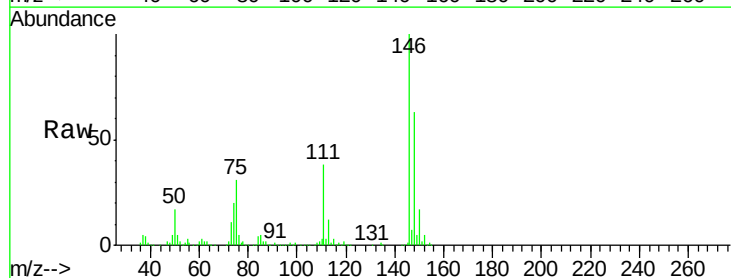
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

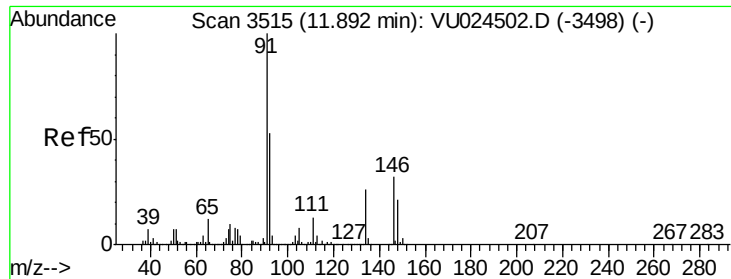
Tot Ion	Ratio	Lower	Upper
146	100		
111	39.9	20.0	60.0
148	63.9	32.1	96.5



#88
 1,4-Dichlorobenzene
 Concen: 50.11 ug/l
 RT: 11.51 min Scan# 3396
 Delta R.T. -0.00 min
 Lab File: VU024800.D
 Acq: 21 Jun 2018 10:25

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.0	19.5	58.5
148	63.6	32.4	97.0

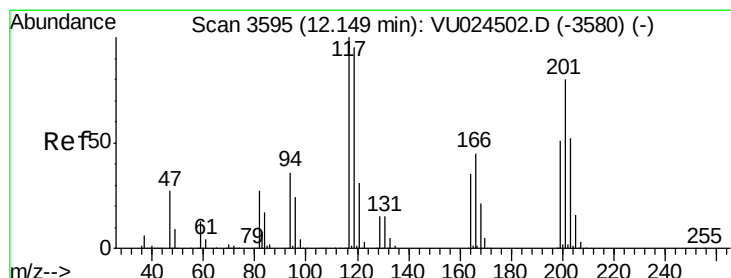
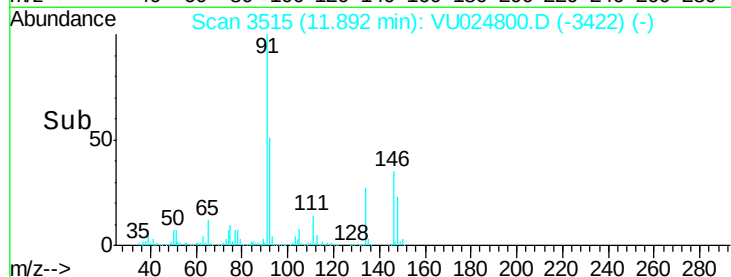
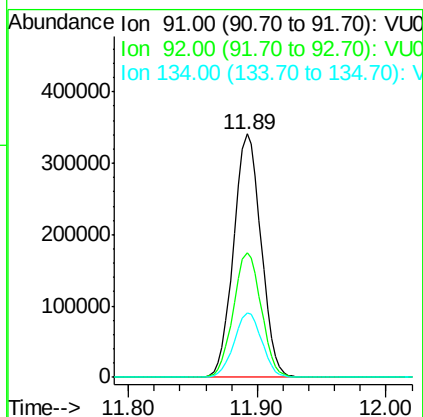
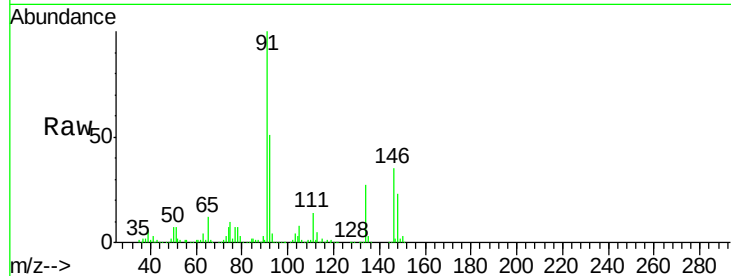




#89
n-Butylbenzene
Concen: 49.73 ug/l
RT: 11.89 min Scan# 3515
Delta R.T. -0.00 min
Lab File: VU024800.D
Acq: 21 Jun 2018 10:25

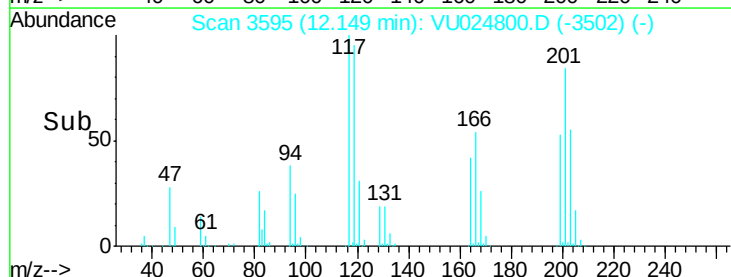
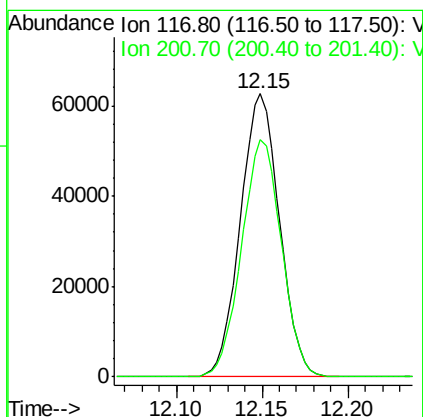
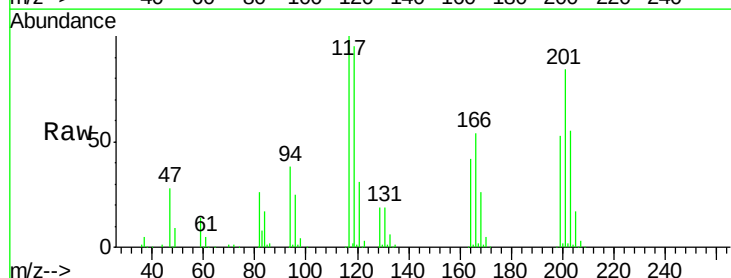
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

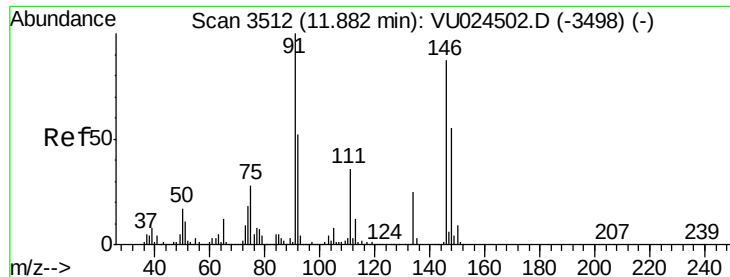
Tot Ion: 91 Resp: 504198
Ion Ratio Lower Upper
91 100
92 51.9 25.6 76.8
134 26.7 12.3 36.8



#90
Hexachloroethane
Concen: 44.36 ug/l
RT: 12.15 min Scan# 3595
Delta R.T. -0.00 min
Lab File: VU024800.D
Acq: 21 Jun 2018 10:25

Tgt Ion: 117 Resp: 98841
Ion Ratio Lower Upper
117 100
201 85.2 41.1 123.3





#91

1,2-Dichlorobenzene

Concen: 50.02 ug/l

RT: 11.88 min Scan# 3512

Delta R.T. -0.00 min

Lab File: VU024800.D

Acq: 21 Jun 2018 10:25

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

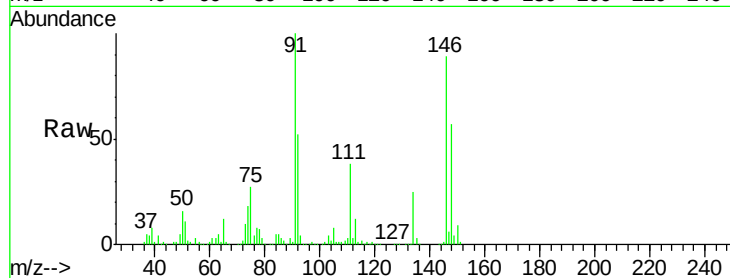
Tot Ion:146 Resp: 286358

Ion Ratio Lower Upper

146 100

111 41.7 20.5 61.6

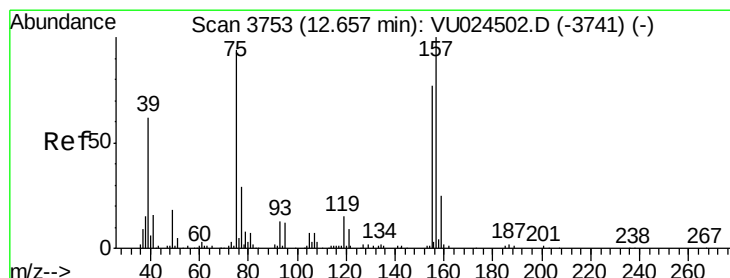
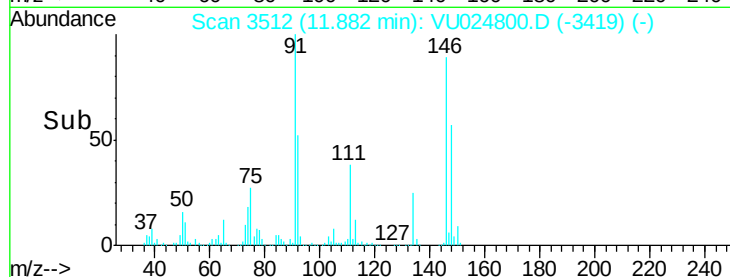
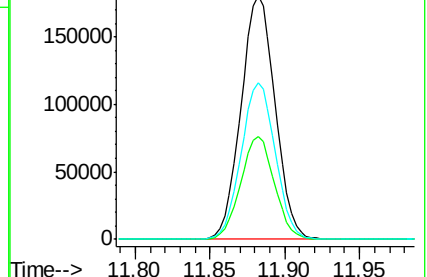
148 64.3 31.9 95.7



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 44.91 ug/l

RT: 12.66 min Scan# 3753

Delta R.T. -0.00 min

Lab File: VU024800.D

Acq: 21 Jun 2018 10:25

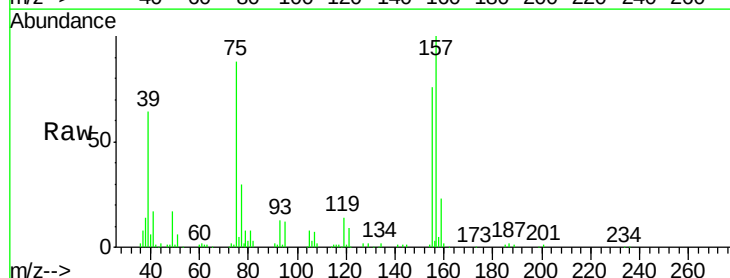
Tgt Ion: 75 Resp: 50745

Ion Ratio Lower Upper

75 100

155 87.4 40.4 121.2

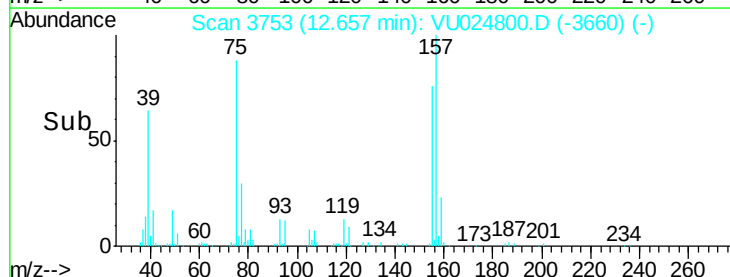
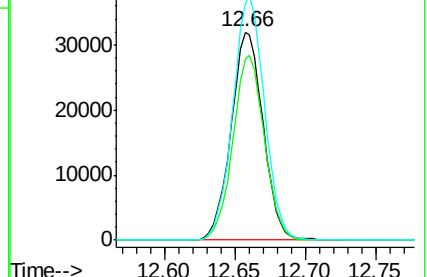
157 115.8 52.3 156.8

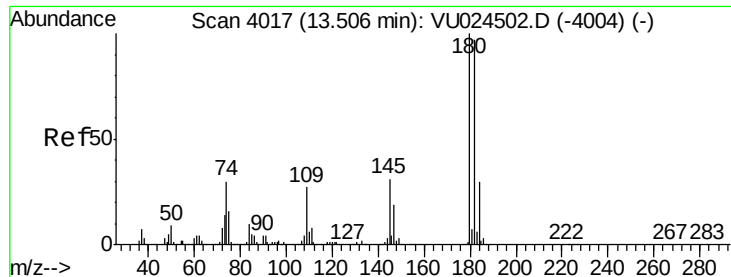


Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

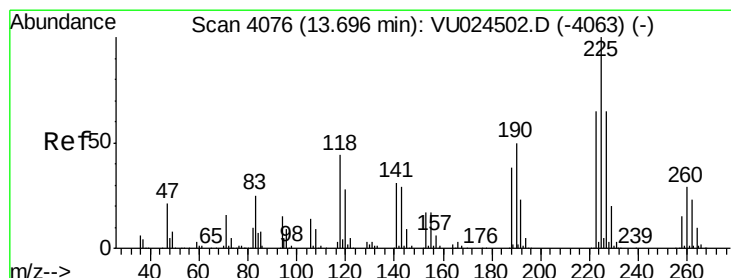
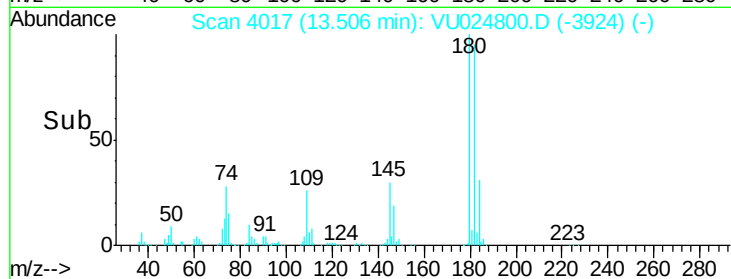
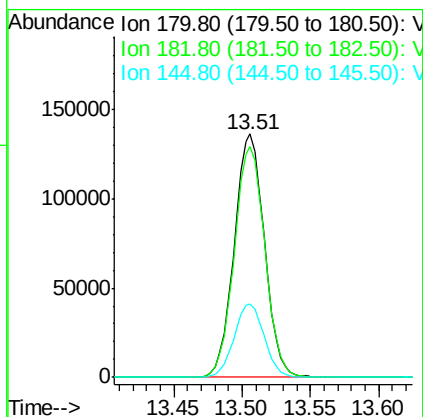
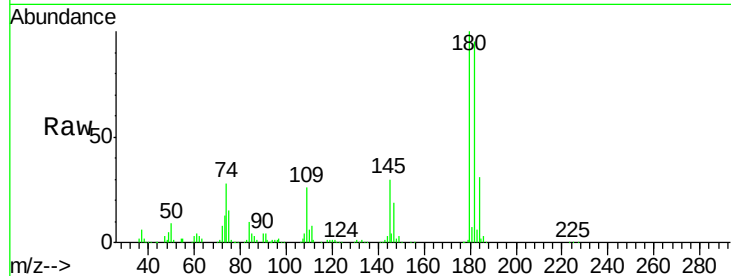




#93
 1,2,4-Trichlorobenzene
 Concen: 59.15 ug/l
 RT: 13.51 min Scan# 4017
 Delta R.T. -0.00 min
 Lab File: VU024800.D
 Acq: 21 Jun 2018 10:25

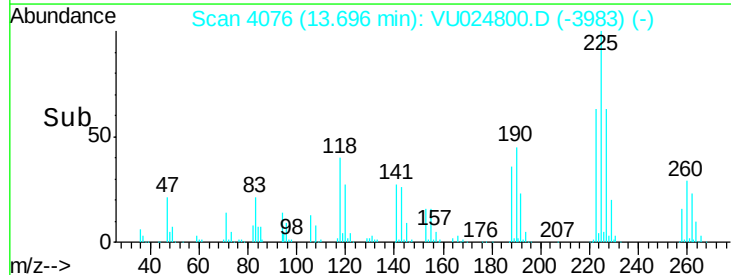
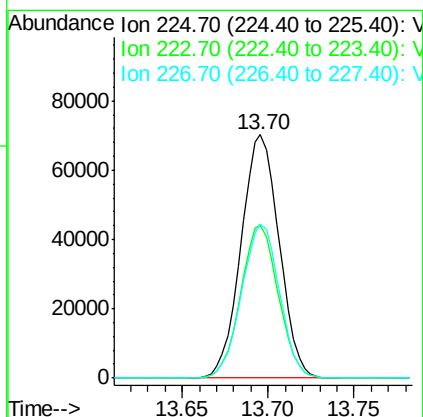
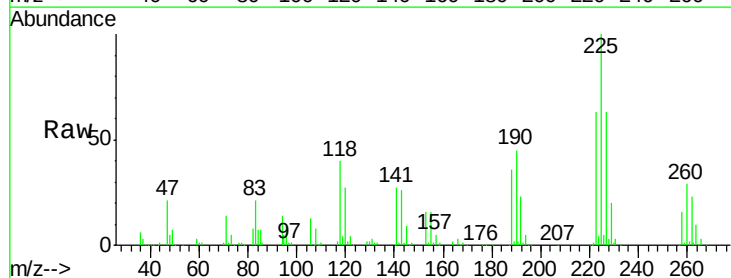
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

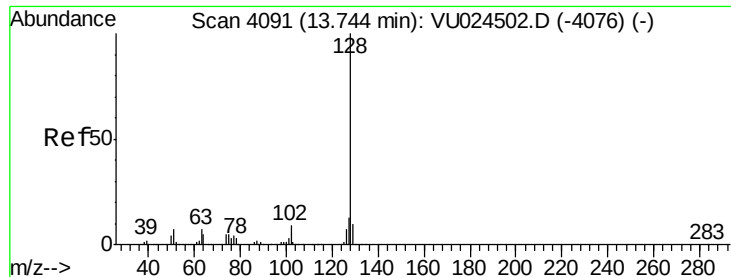
Tot Ion:180 Resp: 209081
 Ion Ratio Lower Upper
 180 100
 182 96.3 48.0 144.2
 145 30.1 14.7 44.1



#94
 Hexachlorobutadiene
 Concen: 54.34 ug/l
 RT: 13.70 min Scan# 4076
 Delta R.T. -0.00 min
 Lab File: VU024800.D
 Acq: 21 Jun 2018 10:25

Tgt Ion:225 Resp: 108120
 Ion Ratio Lower Upper
 225 100
 223 62.1 31.3 93.8
 227 62.9 31.8 95.4





#95

Naphthalene

Concen: 55.17 ug/l

RT: 13.74 min Scan# 4091

Delta R.T. 0.00 min

Lab File: VU024800.D

Acq: 21 Jun 2018 10:25

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

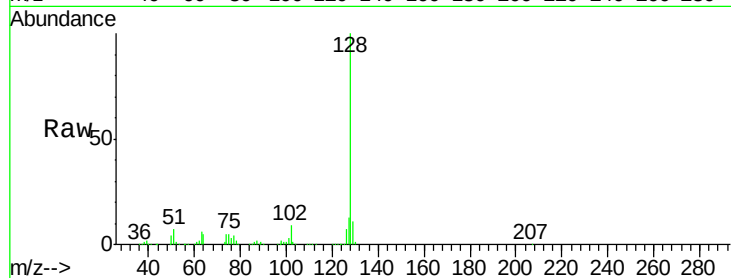
Tot Ion:128 Resp: 646464

Ion Ratio Lower Upper

128 100

127 12.9 10.6 16.0

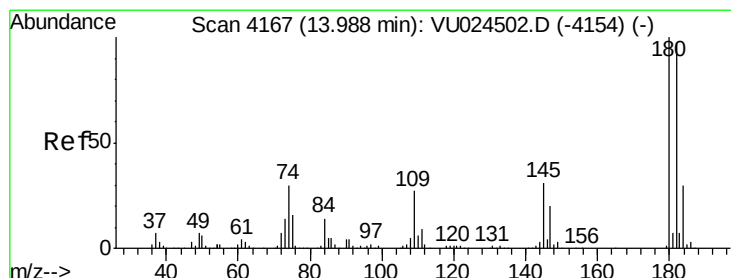
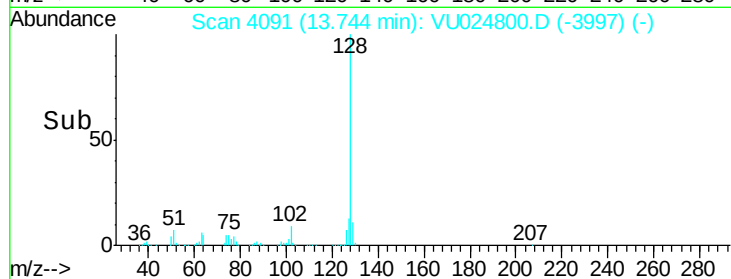
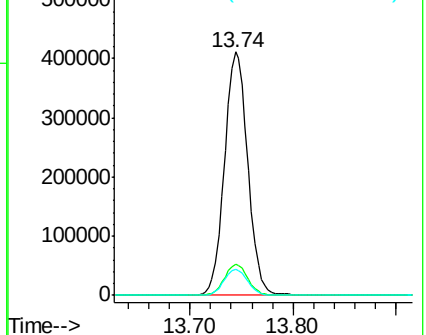
129 10.9 8.6 12.8



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: 60.66 ug/l

RT: 13.99 min Scan# 4167

Delta R.T. -0.00 min

Lab File: VU024800.D

Acq: 21 Jun 2018 10:25

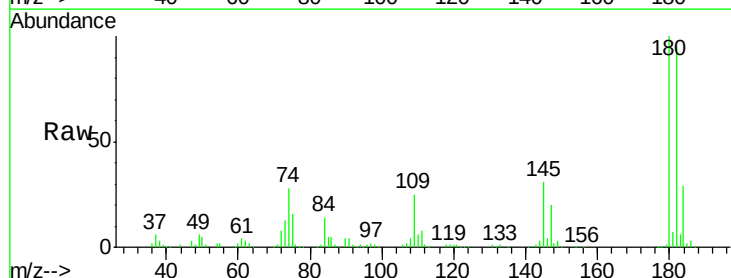
Tgt Ion:180 Resp: 213682

Ion Ratio Lower Upper

180 100

182 96.1 47.9 143.7

145 31.3 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

