

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU070218\
 Data File : VU025133.D
 Acq On : 02 Jul 2018 10:26
 Operator : MD/SY
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Quant Time: Jul 03 02:56:38 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	150928	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	224770	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	212257	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	131809	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	115714	46.96	ug/l	0.00
Spiked Amount			Recovery	=	93.92%	
35) Dibromofluoromethane	4.89	113	95486	51.19	ug/l	0.00
Spiked Amount			Recovery	=	102.38%	
50) Toluene-d8	7.57	98	307460	45.19	ug/l	0.00
Spiked Amount			Recovery	=	90.38%	
62) 4-Bromofluorobenzene	10.31	95	134217	49.68	ug/l	0.00
Spiked Amount			Recovery	=	99.36%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	71998	38.112	ug/l	99
3) Chloromethane	1.33	50	74125	38.406	ug/l	99
4) Vinyl Chloride	1.40	62	80152	40.269	ug/l	99
5) Bromomethane	1.62	94	36534	37.969	ug/l	96
6) Chloroethane	1.70	64	52891	47.502	ug/l	99
7) Trichlorofluoromethane	1.89	101	138760	45.681	ug/l	100
8) Diethyl Ether	2.10	74	50707	49.016	ug/l	90
9) 1,1,2-Trichlorotrifluoroet	2.29	101	81926	43.474	ug/l	96
10) Methyl Iodide	2.41	142	48995	32.760	ug/l	97
11) Tert butyl alcohol	2.82	59	117475	196.037	ug/l	99
12) 1,1-Dichloroethene	2.28	96	72533	42.206	ug/l	95
13) Acrolein	2.19	56	30639	97.365	ug/l	97
14) Allyl chloride	2.59	41	132414	41.498	ug/l	99
15) Acrylonitrile	2.93	53	248371	213.027	ug/l	100
16) Acetone	2.32	43	315857	238.586	ug/l	98
17) Carbon Disulfide	2.48	76	217864	39.591	ug/l	100
18) Methyl Acetate	2.62	43	146005	51.445	ug/l	99
19) Methyl tert-butyl Ether	3.00	73	298124	46.150	ug/l	96
20) Methylene Chloride	2.70	84	91314	43.959	ug/l	94
21) trans-1,2-Dichloroethene	2.99	96	86326	45.608	ug/l	93
22) Diisopropyl ether	3.57	45	289509	45.769	ug/l	94
23) Vinyl Acetate	3.53	43	1210088	213.560	ug/l	99
24) 1,1-Dichloroethane	3.45	63	164408	45.182	ug/l	99
25) 2-Butanone	4.26	43	390803	219.768	ug/l	96
26) 2,2-Dichloropropane	4.23	77	160317	46.398	ug/l	98
27) cis-1,2-Dichloroethene	4.23	96	99838	45.880	ug/l	98
28) Bromochloromethane	4.55	49	72272	45.092	ug/l	86
29) Tetrahydrofuran	4.64	42	231036	209.801	ug/l	98
30) Chloroform	4.68	83	174635	47.415	ug/l	99
31) Cyclohexane	5.00	56	150460	46.421	ug/l	98
32) 1,1,1-Trichloroethane	4.92	97	160753	47.199	ug/l	97
36) 1,1-Dichloropropene	5.14	75	125183	47.396	ug/l	96
37) Ethyl Acetate	4.38	43	135114	46.935	ug/l	98
38) Carbon Tetrachloride	5.14	117	143474	49.398	ug/l	99

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 Quant Title : SW846 8260
 QLast Update : Wed Jun 13 13:55:26 2018
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.42	83	159861	48.501	ug/l	97
40) Benzene	5.39	78	360109	47.848	ug/l	100
41) Methacrylonitrile	4.55	41	74871	48.238	ug/l	98
42) 1,2-Dichloroethane	5.41	62	149619	52.198	ug/l	98
43) Isopropyl Acetate	5.55	43	220852	44.383	ug/l	98
44) Trichloroethene	6.19	130	101141	47.220	ug/l	96
45) 1,2-Dichloropropane	6.44	63	95623	47.618	ug/l	98
46) Dibromomethane	6.56	93	69761	49.457	ug/l	95
47) Bromodichloromethane	6.76	83	136394	48.560	ug/l	100
48) Methyl methacrylate	6.62	41	113890	47.003	ug/l	98
49) 1,4-Dioxane	6.62	88	52394	1105.698	ug/l	94
51) 4-Methyl-2-Pentanone	7.46	43	702266	224.639	ug/l	98
52) Toluene	7.64	92	237022	48.951	ug/l	99
53) t-1,3-Dichloropropene	7.88	75	146879	46.565	ug/l	99
54) cis-1,3-Dichloropropene	7.27	75	154294	45.906	ug/l	96
55) 1,1,2-Trichloroethane	8.07	97	94963	48.248	ug/l	98
56) Ethyl methacrylate	8.02	69	150736	45.757	ug/l	100
57) 1,3-Dichloropropane	8.25	76	161423	48.618	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.13	63	262706	208.157	ug/l	95
59) 2-Hexanone	8.36	43	572456	224.295	ug/l	100
60) Dibromochloromethane	8.48	129	113103	46.082	ug/l	99
61) 1,2-Dibromoethane	8.59	107	104005	47.476	ug/l	98
64) Tetrachloroethene	8.23	164	99867	49.498	ug/l	100
65) Chlorobenzene	9.12	112	271293	50.032	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.21	131	100891	48.974	ug/l	98
67) Ethyl Benzene	9.25	91	472910	49.749	ug/l	99
68) m/p-Xylenes	9.38	106	368568	100.971	ug/l	97
69) o-Xylene	9.78	106	179480	49.683	ug/l	98
70) Styrene	9.80	104	291578	49.115	ug/l	98
71) Bromoform	9.96	173	88272	45.081	ug/l #	98
73) Isopropylbenzene	10.17	105	493389	48.755	ug/l	98
74) N-amyl acetate	10.01	43	196975	40.922	ug/l	97
75) 1,1,2,2-Tetrachloroethane	10.46	83	157001	46.297	ug/l	98
76) 1,2,3-Trichloropropane	10.50	75	183550	63.250	ug/l	81
77) Bromobenzene	10.45	156	125122	48.839	ug/l	94
78) n-propylbenzene	10.59	91	572564	48.030	ug/l	97
79) 2-Chlorotoluene	10.66	91	335860	47.775	ug/l	98
80) 1,3,5-Trimethylbenzene	10.78	105	430509	49.082	ug/l	99
81) trans-1,4-Dichloro-2-buten	10.50	75	183550	146.388	ug/l #	100
82) 4-Chlorotoluene	10.78	91	392140	47.926	ug/l	100
83) tert-Butylbenzene	11.10	119	426134	50.506	ug/l	99
84) 1,2,4-Trimethylbenzene	11.15	105	437827	48.981	ug/l	100
85) sec-Butylbenzene	11.33	105	515020	48.765	ug/l	98
86) p-Isopropyltoluene	11.48	119	457577	48.376	ug/l	99
87) 1,3-Dichlorobenzene	11.42	146	232199	49.057	ug/l	100
88) 1,4-Dichlorobenzene	11.51	146	232903	48.888	ug/l	99
89) n-Butylbenzene	11.89	91	389712	46.407	ug/l	98
90) Hexachloroethane	12.15	117	77132	41.802	ug/l	97
91) 1,2-Dichlorobenzene	11.88	146	237080	50.007	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.66	75	41595	44.452	ug/l	97

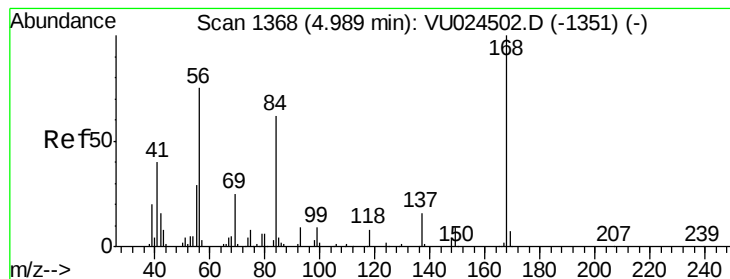
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.51	180	158003	53.970	ug/l	99
94) Hexachlorobutadiene	13.70	225	86277	52.358	ug/l	98
95) Naphthalene	13.74	128	470122	48.527	ug/l	99
96) 1,2,3-Trichlorobenzene	13.99	180	160611	55.057	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.99 min Scan# 1367

Delta R.T. -0.00 min

Lab File: VU025133.D

Acq: 02 Jul 2018 10:26

Instrument :

MSVOA_U

ClientSampleId :

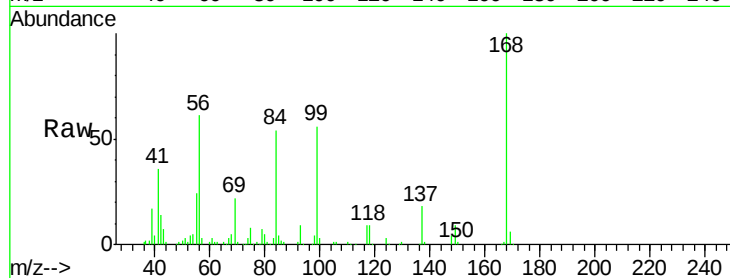
VSTDCCC050

Tot Ion:168 Resp: 150928

Ion Ratio Lower Upper

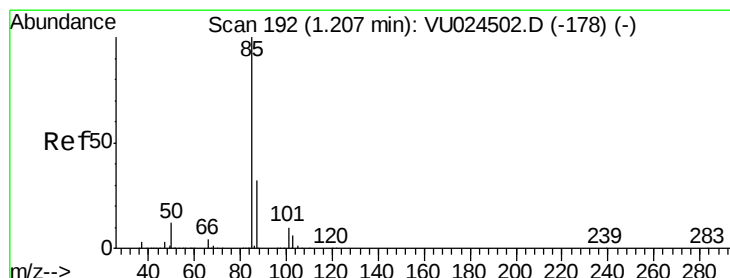
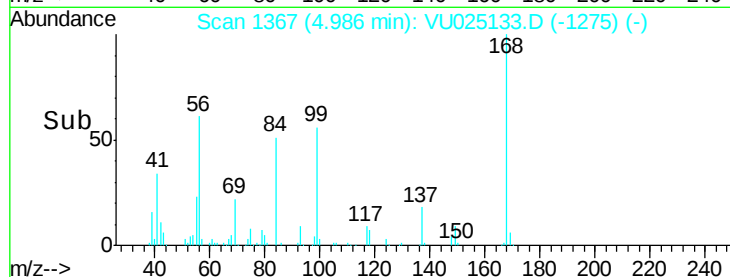
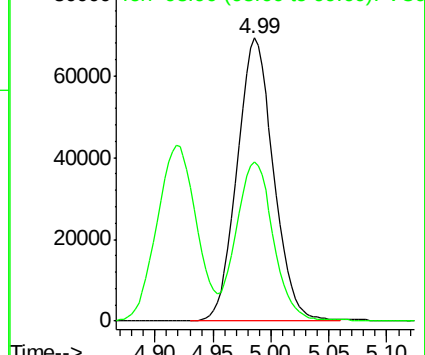
168 100

99 55.8 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: 38.112 ug/l

RT: 1.20 min Scan# 191

Delta R.T. -0.00 min

Lab File: VU025133.D

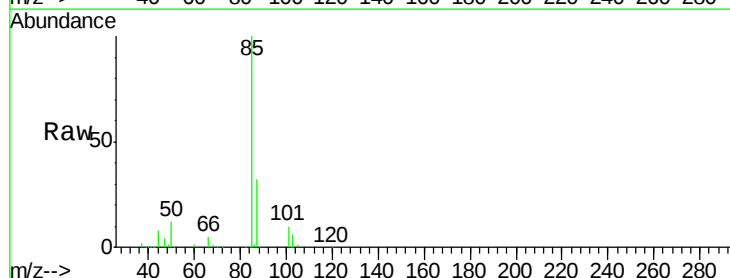
Acq: 02 Jul 2018 10:26

Tgt Ion: 85 Resp: 71998

Ion Ratio Lower Upper

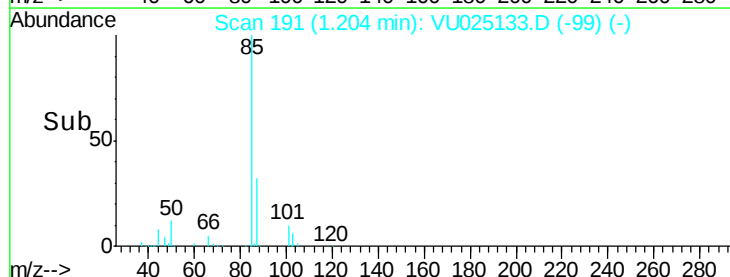
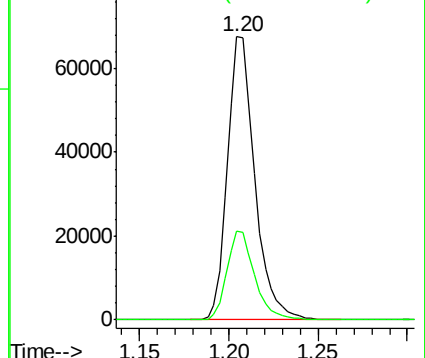
85 100

87 31.6 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: 38.406 ug/l

RT: 1.33 min Scan# 229

Delta R.T. -0.00 min

Lab File: VU025133.D

Acq: 02 Jul 2018 10:26

Instrument :

MSVOA_U

ClientSampleId :

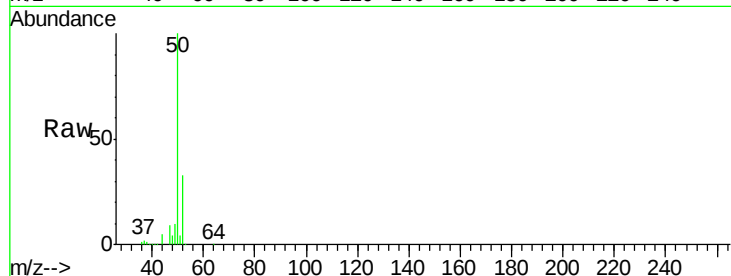
VSTDCCC050

Tot Ion: 50 Resp: 74125

Ion Ratio Lower Upper

50 100

52 32.5 26.4 39.6



Abundance Ion 49.90 (49.60 to 50.60): VU0

Ion 51.90 (51.60 to 52.60): VU0

1.33

80000

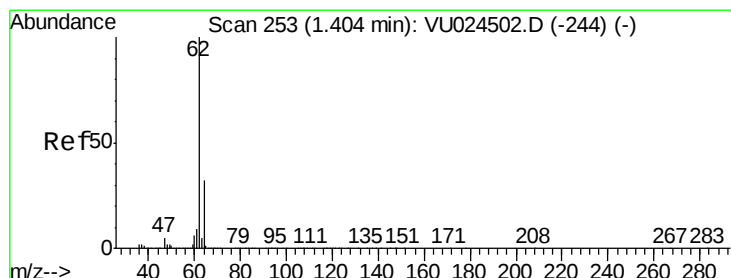
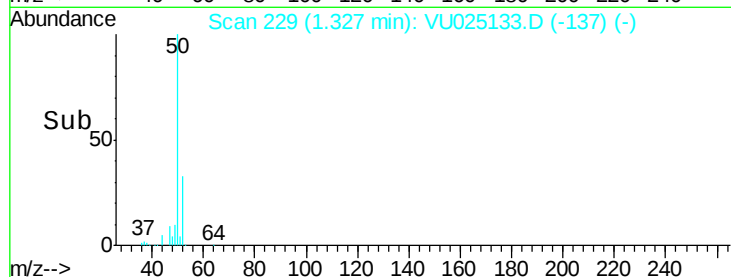
60000

40000

20000

0

Time-->



#4

Vinyl Chloride

Concen: 40.269 ug/l

RT: 1.40 min Scan# 253

Delta R.T. 0.00 min

Lab File: VU025133.D

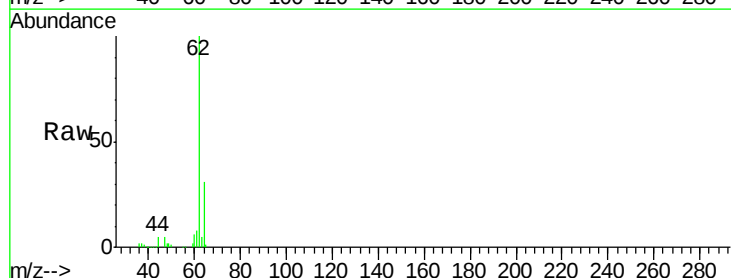
Acq: 02 Jul 2018 10:26

Tgt Ion: 62 Resp: 80152

Ion Ratio Lower Upper

62 100

64 30.7 24.8 37.2



Abundance Ion 61.90 (61.60 to 62.60): VU0

Ion 63.90 (63.60 to 64.60): VU0

1.40

80000

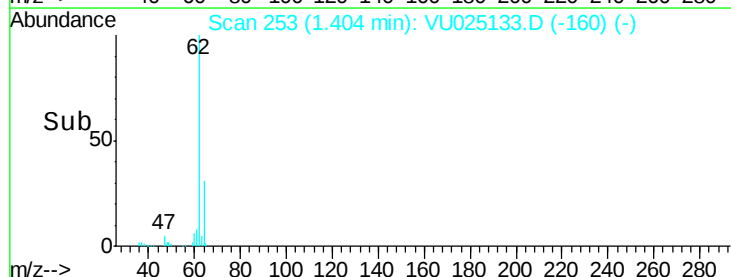
60000

40000

20000

0

Time-->





#5

Bromomethane

Concen: 37.969 ug/l

RT: 1.62 min Scan# 320

Delta R.T. -0.00 min

Lab File: VU025133.D

Acq: 02 Jul 2018 10:26

Instrument :

MSVOA_U

ClientSampleId :

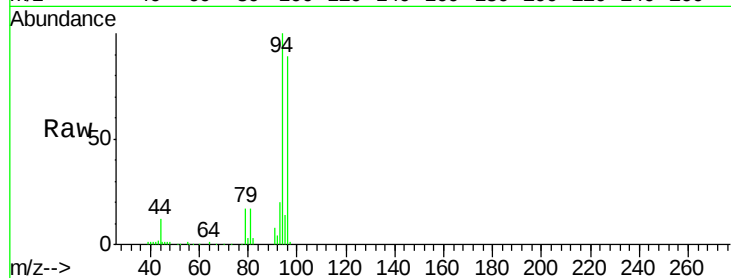
VSTDCCC050

Tot Ion: 94 Resp: 36534

Ion Ratio Lower Upper

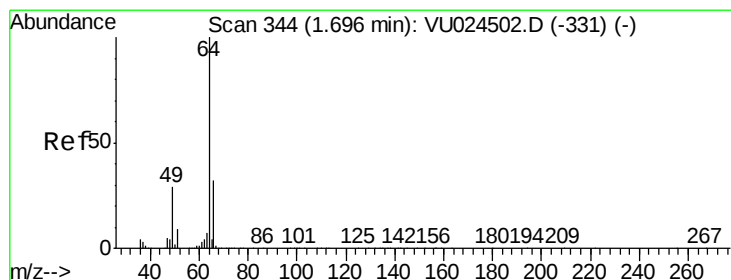
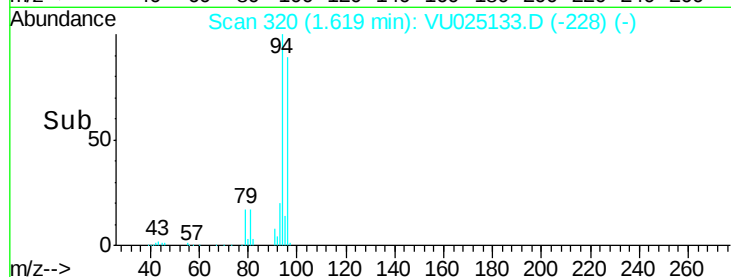
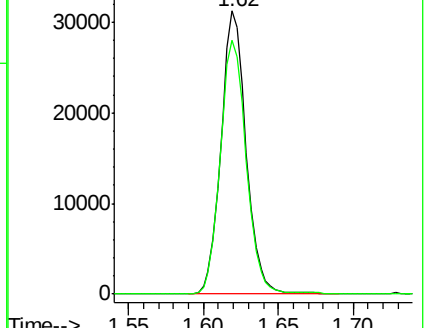
94 100

96 89.5 74.5 111.7



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

Ion 95.90 (95.60 to 96.60): VU024502.D (-311) (-)



#6

Chloroethane

Concen: 47.502 ug/l

RT: 1.70 min Scan# 344

Delta R.T. 0.00 min

Lab File: VU025133.D

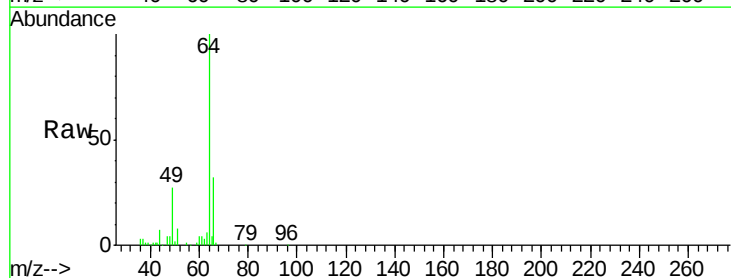
Acq: 02 Jul 2018 10:26

Tgt Ion: 64 Resp: 52891

Ion Ratio Lower Upper

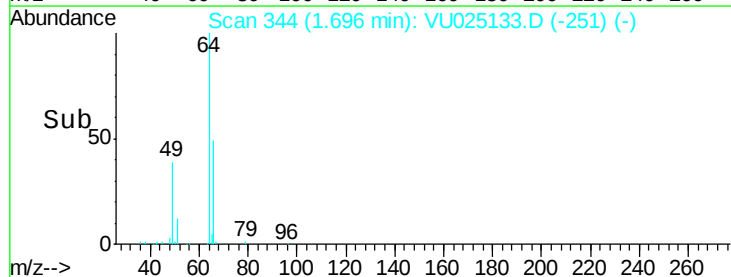
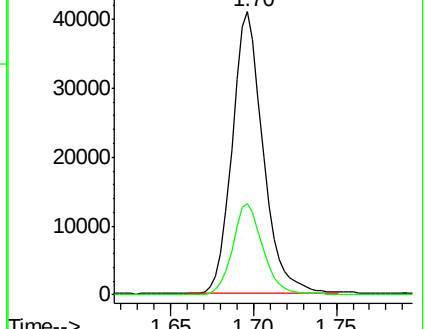
64 100

66 32.5 25.5 38.3



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

Ion 65.90 (65.60 to 66.60): VU024502.D (-331) (-)



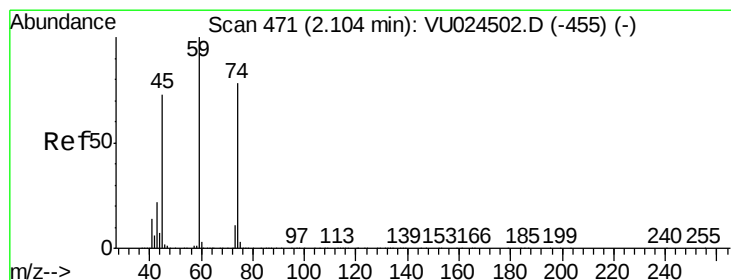
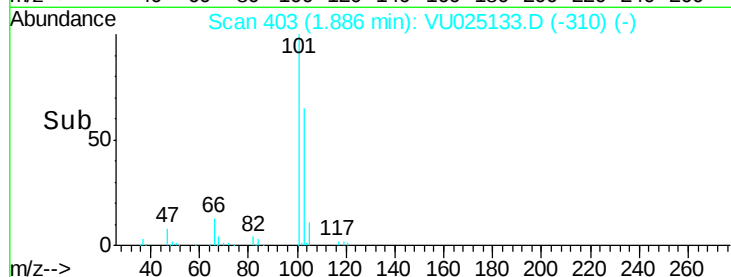
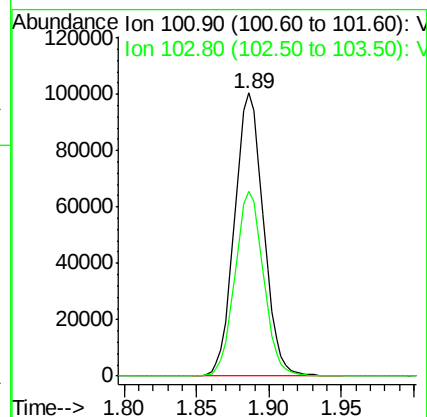
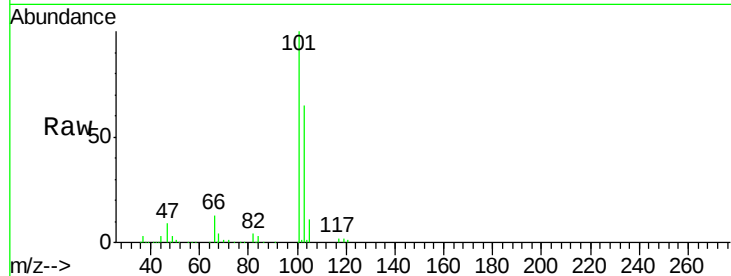


#7

Trichlorofluoromethane
 Concen: 45.681 ug/l
 RT: 1.89 min Scan# 403
 Delta R.T. 0.00 min
 Lab File: VU025133.D
 Acq: 02 Jul 2018 10:26

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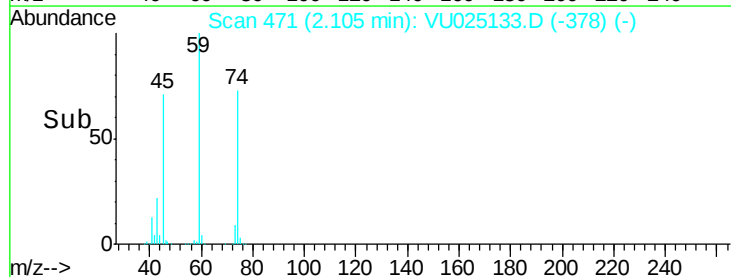
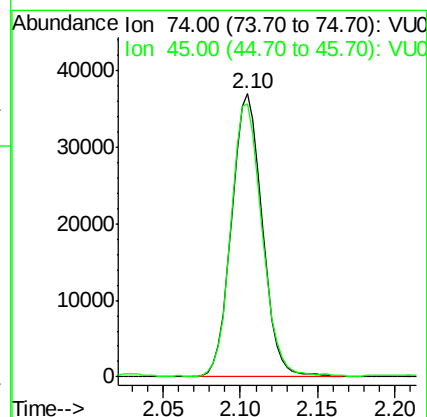
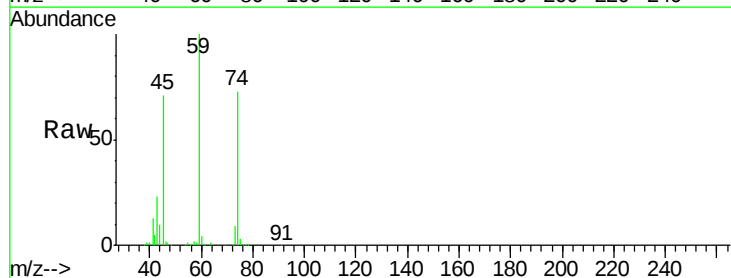
Tot Ion:101 Resp: 138760
 Ion Ratio Lower Upper
 101 100
 103 65.4 52.3 78.5



#8

Diethyl Ether
 Concen: 49.016 ug/l
 RT: 2.10 min Scan# 471
 Delta R.T. 0.00 min
 Lab File: VU025133.D
 Acq: 02 Jul 2018 10:26

Tgt Ion: 74 Resp: 50707
 Ion Ratio Lower Upper
 74 100
 45 98.9 55.0 165.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 43.474 ug/l

RT: 2.29 min Scan# 528

Delta R.T. 0.00 min

Lab File: VU025133.D

Acq: 02 Jul 2018 10:26

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

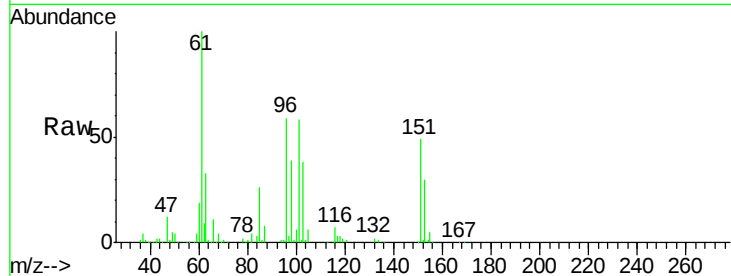
Tot Ion:101 Resp: 81926

Ion Ratio Lower Upper

101 100

85 44.4 36.0 54.0

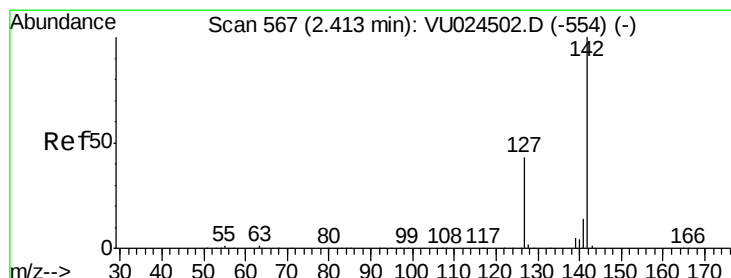
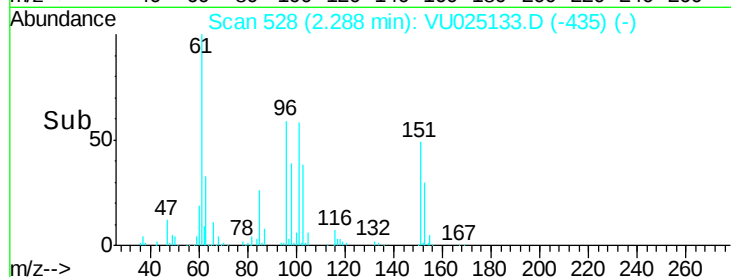
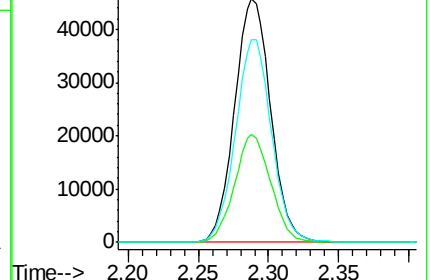
151 83.3 62.3 93.5



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 32.760 ug/l

RT: 2.41 min Scan# 566

Delta R.T. -0.00 min

Lab File: VU025133.D

Acq: 02 Jul 2018 10:26

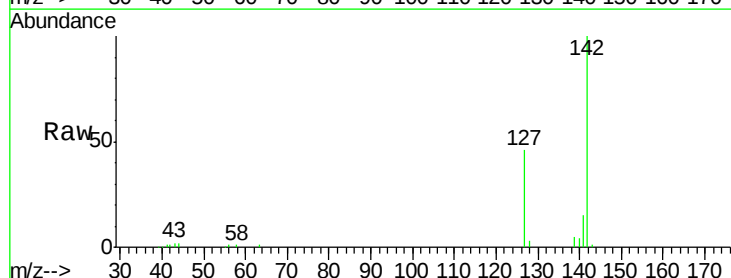
Tgt Ion:142 Resp: 48995

Ion Ratio Lower Upper

142 100

127 46.7 35.6 53.4

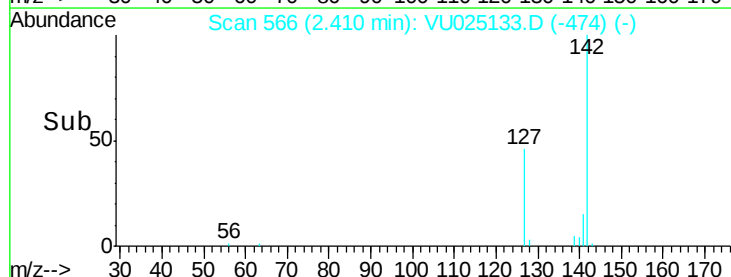
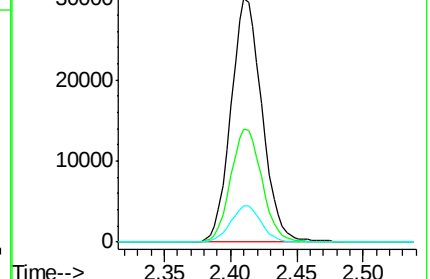
141 14.5 11.7 17.5



Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

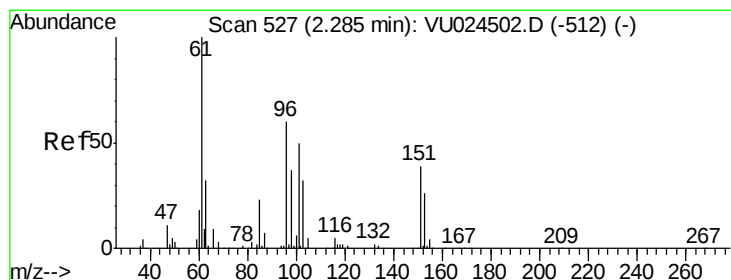
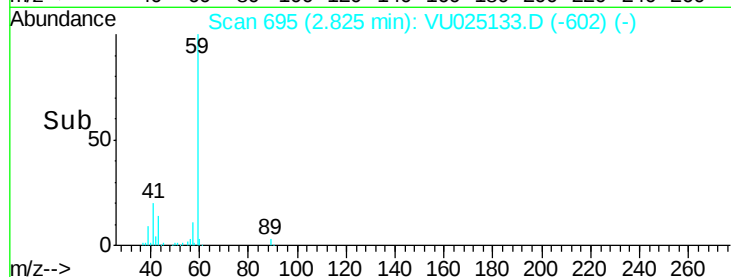
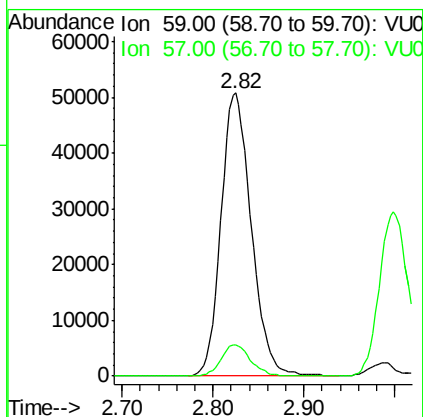
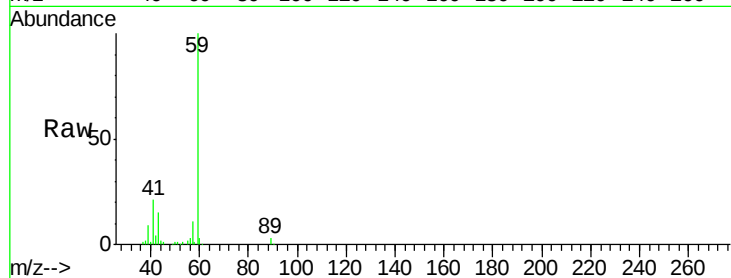




#11
Tert butyl alcohol
Concen: 196.037 ug/l
RT: 2.82 min Scan# 695
Delta R.T. 0.00 min
Lab File: VU025133.D
Acq: 02 Jul 2018 10:26

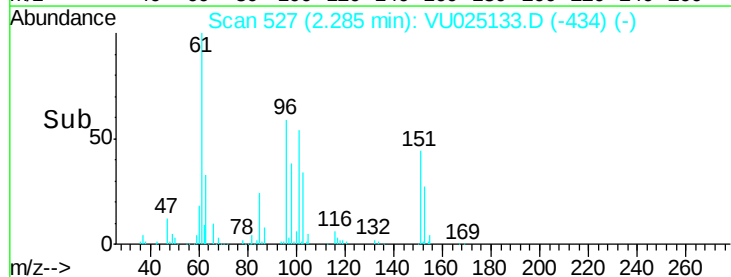
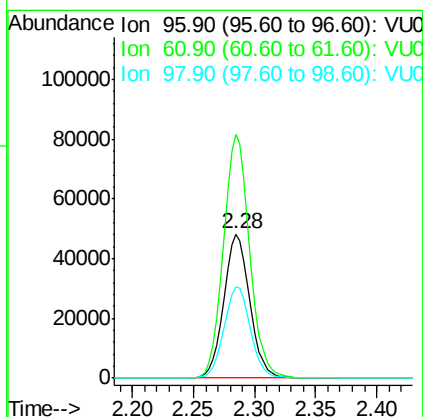
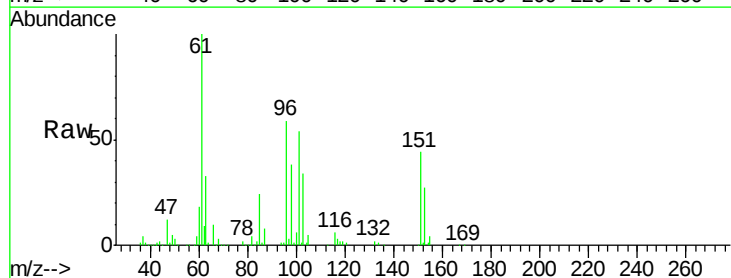
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

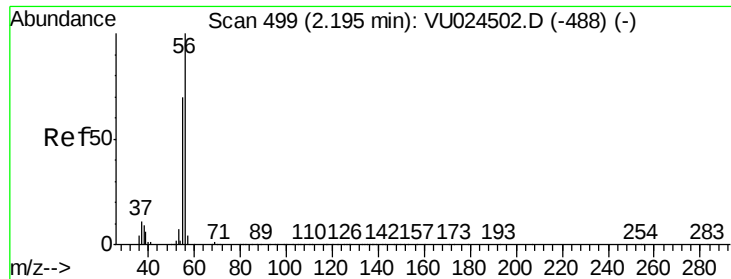
Tot Ion: 59 Resp: 117475
Ion Ratio Lower Upper
59 100
57 10.9 8.5 12.7



#12
1,1-Dichloroethene
Concen: 42.206 ug/l
RT: 2.28 min Scan# 527
Delta R.T. 0.00 min
Lab File: VU025133.D
Acq: 02 Jul 2018 10:26

Tgt Ion: 96 Resp: 72533
Ion Ratio Lower Upper
96 100
61 168.9 141.7 212.5
98 63.7 51.6 77.4





#13

Acrolein

Concen: 97.365 ug/l

RT: 2.19 min Scan# 499

Delta R.T. 0.00 min

Lab File: VU025133.D

Acq: 02 Jul 2018 10:26

Instrument :

MSVOA_U

ClientSampleId :

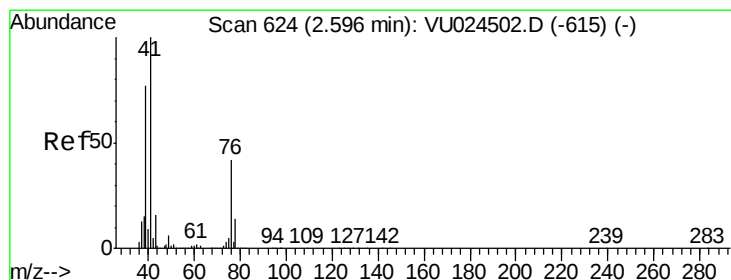
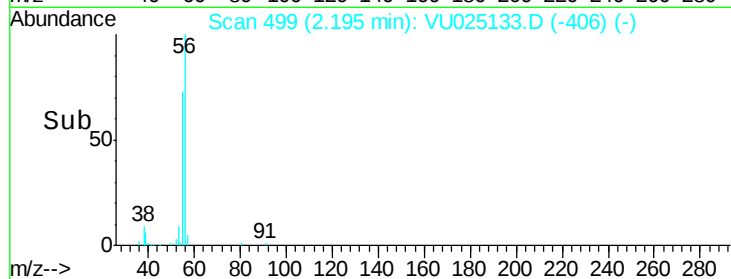
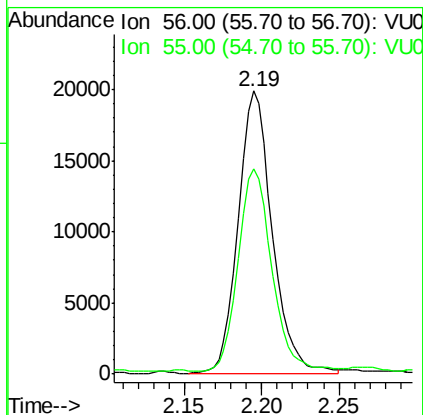
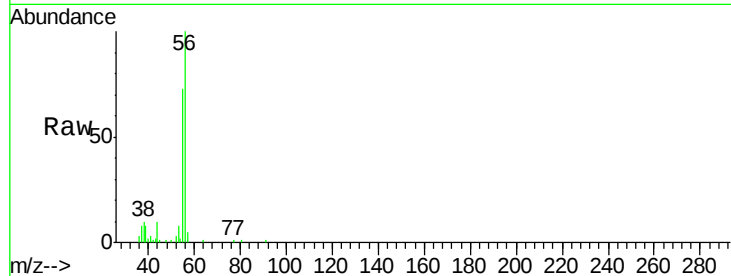
VSTDCCC050

Tot Ion: 56 Resp: 30639

Ion Ratio Lower Upper

56 100

55 70.7 58.4 87.6



#14

Allyl chloride

Concen: 41.498 ug/l

RT: 2.59 min Scan# 623

Delta R.T. -0.00 min

Lab File: VU025133.D

Acq: 02 Jul 2018 10:26

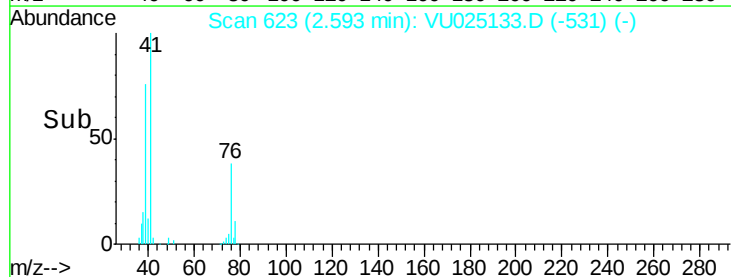
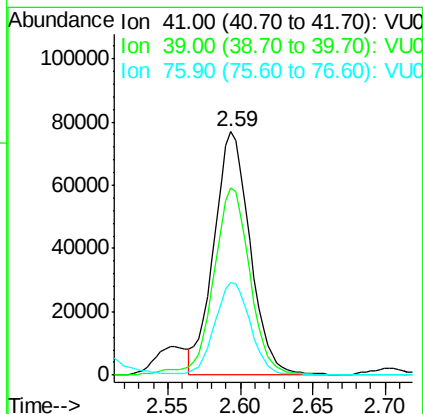
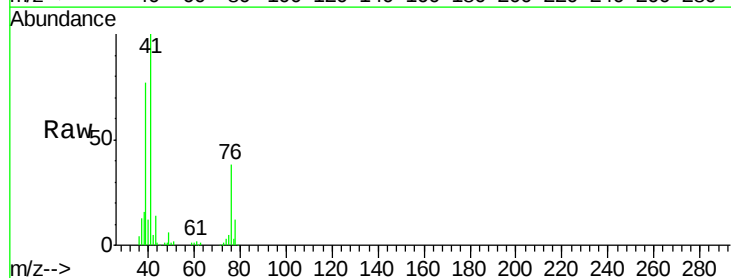
Tgt Ion: 41 Resp: 132414

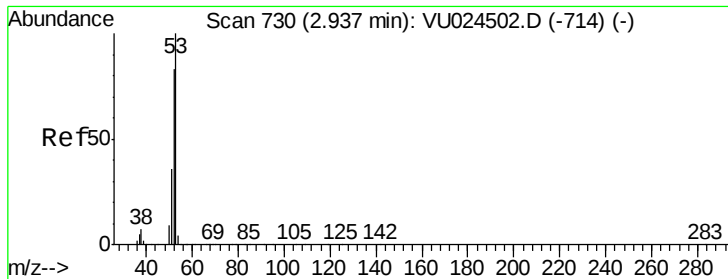
Ion Ratio Lower Upper

41 100

39 77.8 61.6 92.4

76 37.1 29.7 44.5





#15

Acrylonitrile

Concen: 213.027 ug/l

RT: 2.93 min Scan# 729

Delta R.T. -0.00 min

Lab File: VU025133.D

Acq: 02 Jul 2018 10:26

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

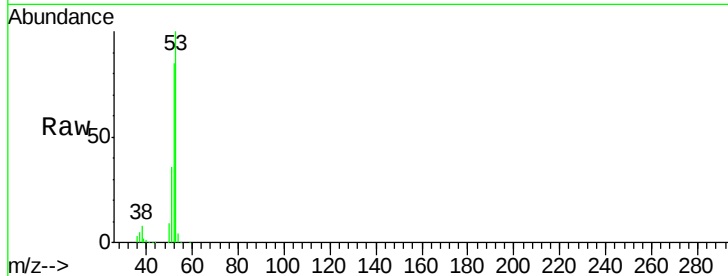
Tot Ion: 53 Resp: 248371

Ion Ratio Lower Upper

53 100

52 83.8 67.1 100.7

51 35.4 28.4 42.6

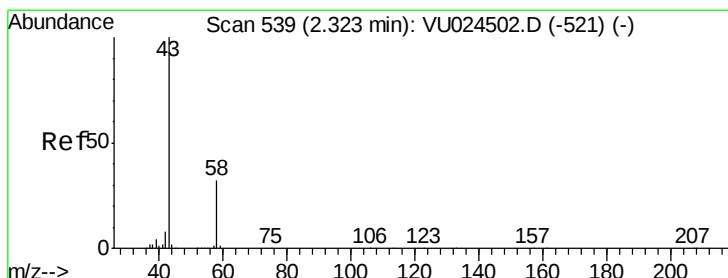
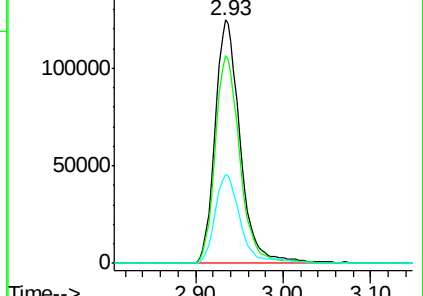
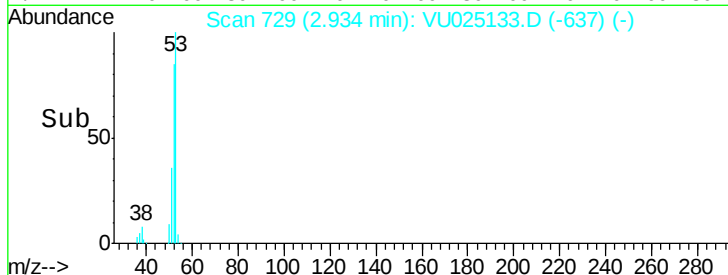


Abundance Ion 53.00 (52.70 to 53.70): VU024502.D (-714) (-)

Ion 52.00 (51.70 to 52.70): VU024502.D (-714) (-)

Ion 51.00 (50.70 to 51.70): VU024502.D (-714) (-)

2.93



#16

Acetone

Concen: 238.586 ug/l

RT: 2.32 min Scan# 538

Delta R.T. -0.00 min

Lab File: VU025133.D

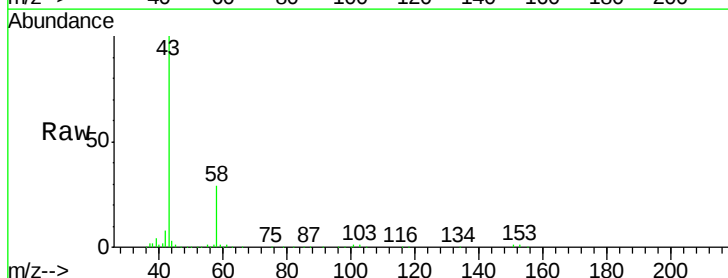
Acq: 02 Jul 2018 10:26

Tgt Ion: 43 Resp: 315857

Ion Ratio Lower Upper

43 100

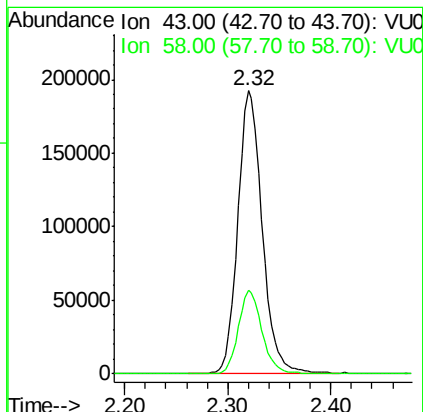
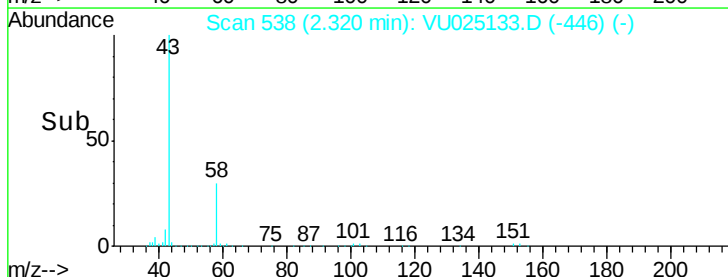
58 29.5 24.4 36.6



Abundance Ion 43.00 (42.70 to 43.70): VU024502.D (-521) (-)

Ion 58.00 (57.70 to 58.70): VU024502.D (-521) (-)

2.32





#17

Carbon Disulfide

Concen: 39.591 ug/l

RT: 2.48 min Scan# 588

Delta R.T. 0.00 min

Lab File: VU025133.D

Acq: 02 Jul 2018 10:26

Instrument :

MSVOA_U

ClientSampleId :

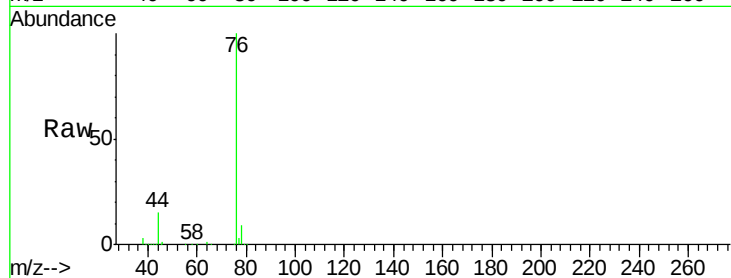
VSTDCCC050

Tot Ion: 76 Resp: 217864

Ion Ratio Lower Upper

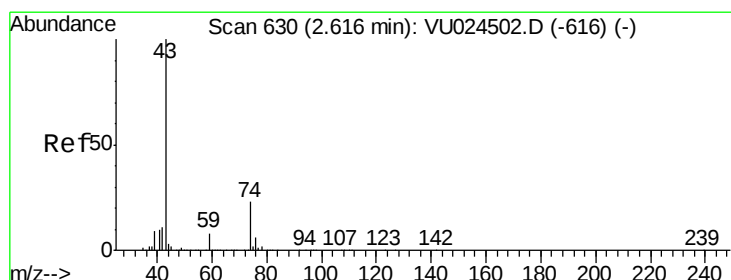
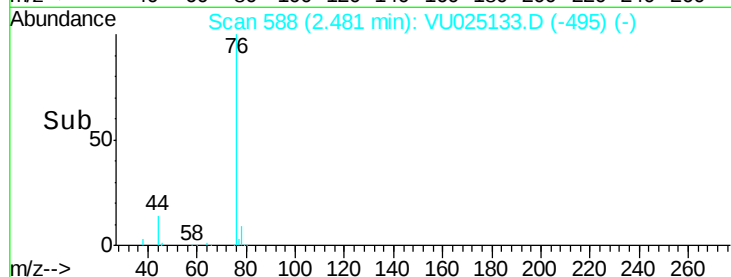
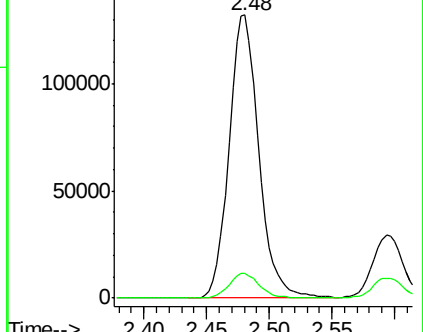
76 100

78 8.9 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VU025133.D (-495) (-)

Ion 77.90 (77.60 to 78.60): VU025133.D (-495) (-)



#18

Methyl Acetate

Concen: 51.445 ug/l

RT: 2.62 min Scan# 630

Delta R.T. 0.00 min

Lab File: VU025133.D

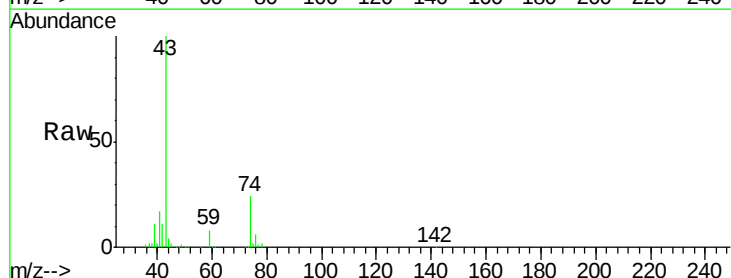
Acq: 02 Jul 2018 10:26

Tgt Ion: 43 Resp: 146005

Ion Ratio Lower Upper

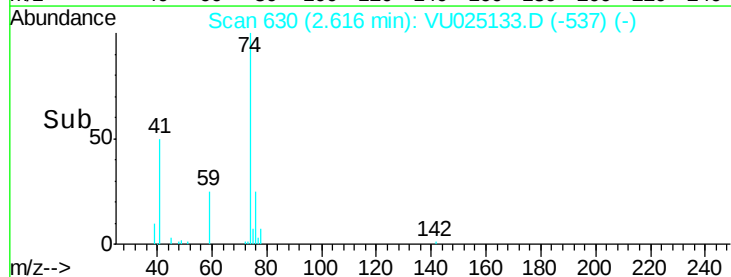
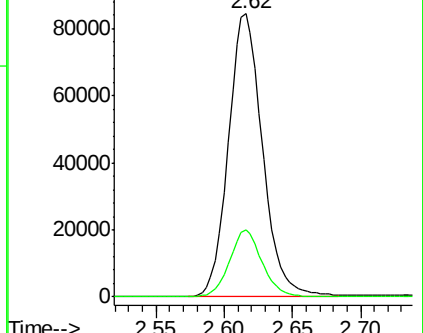
43 100

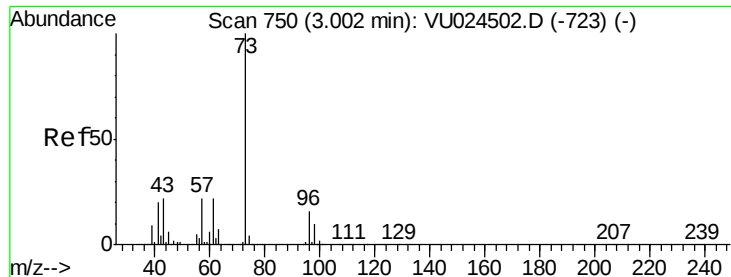
74 22.9 18.0 27.0



Abundance Ion 43.00 (42.70 to 43.70): VU025133.D (-537) (-)

Ion 74.00 (73.70 to 74.70): VU025133.D (-537) (-)



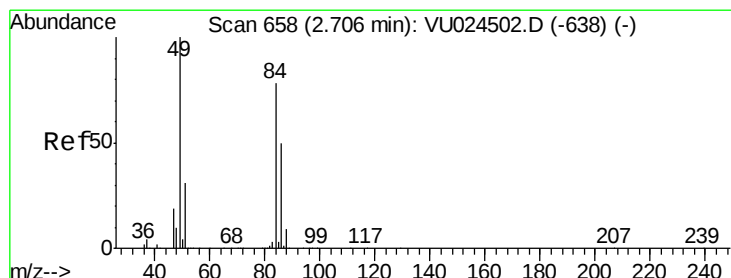
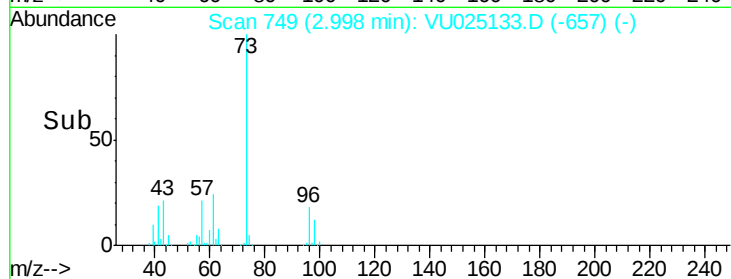
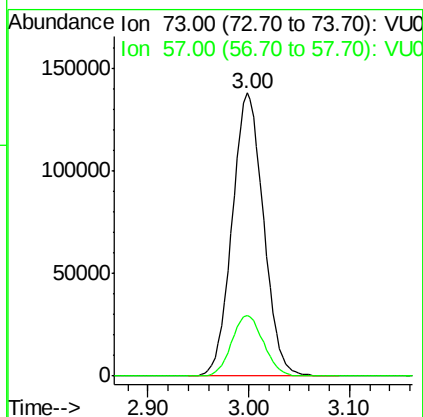
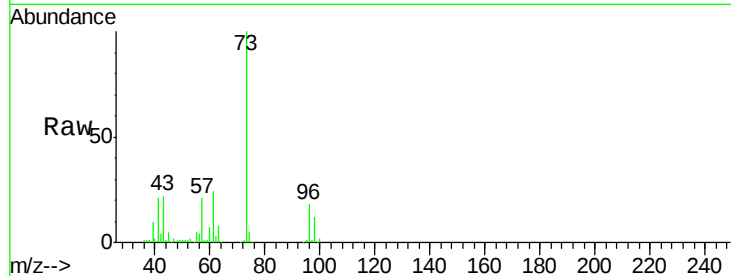


#19

Methyl tert-butyl Ether
 Concen: 46.150 ug/l
 RT: 3.00 min Scan# 749
 Delta R.T. -0.00 min
 Lab File: VU025133.D
 Acq: 02 Jul 2018 10:26

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

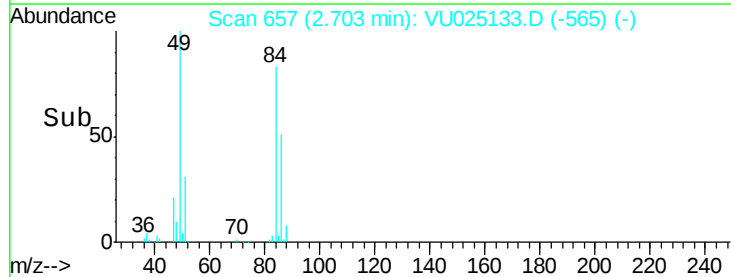
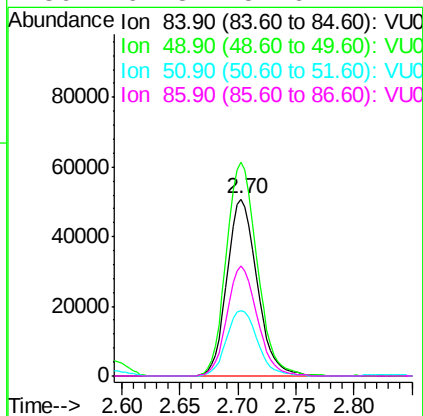
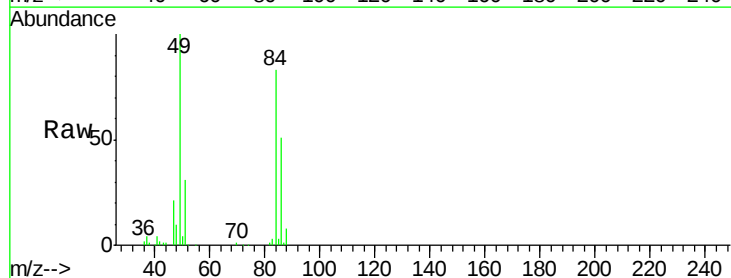
Tot Ion: 73 Resp: 298124
 Ion Ratio Lower Upper
 73 100
 57 21.3 18.8 28.2



#20

Methylene Chloride
 Concen: 43.959 ug/l
 RT: 2.70 min Scan# 657
 Delta R.T. -0.00 min
 Lab File: VU025133.D
 Acq: 02 Jul 2018 10:26

Tgt Ion: 84 Resp: 91314
 Ion Ratio Lower Upper
 84 100
 49 120.5 103.8 155.8
 51 37.2 32.0 48.0
 86 61.8 51.6 77.4





#21

trans-1,2-Dichloroethene

Concen: 45.608 ug/l

RT: 2.99 min Scan# 745

Delta R.T. 0.00 min

Lab File: VU025133.D

Acq: 02 Jul 2018 10:26

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

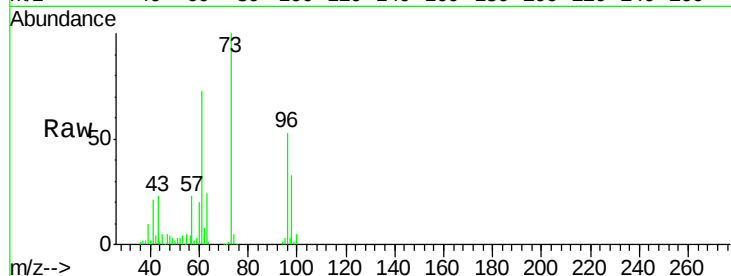
Tot Ion: 96 Resp: 86326

Ion Ratio Lower Upper

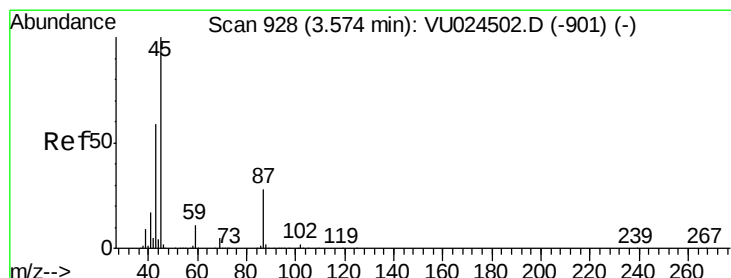
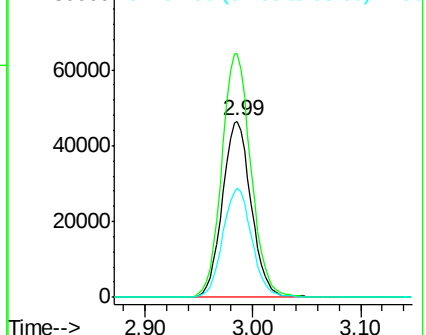
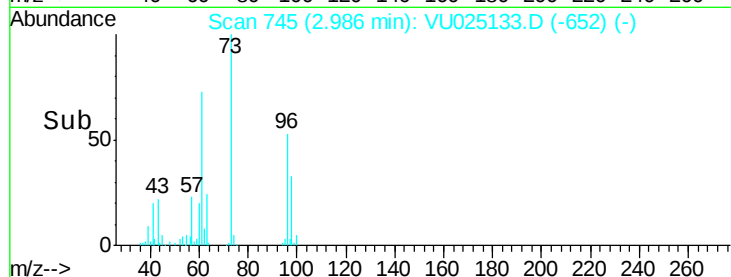
96 100

61 137.9 119.4 179.0

98 62.1 51.1 76.7



Abundance Ion 95.90 (95.60 to 96.60): VU025133.D (-652) (-)



#22

Diisopropyl ether

Concen: 45.769 ug/l

RT: 3.57 min Scan# 927

Delta R.T. -0.00 min

Lab File: VU025133.D

Acq: 02 Jul 2018 10:26

Tgt Ion: 45 Resp: 289509

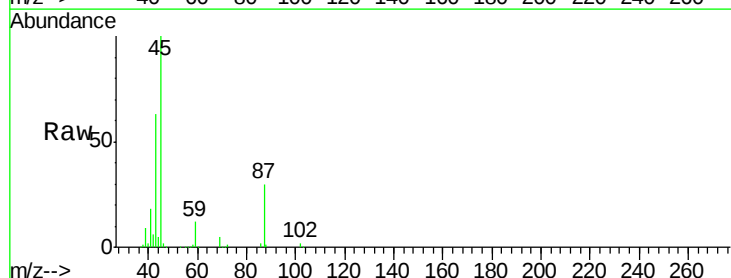
Ion Ratio Lower Upper

45 100

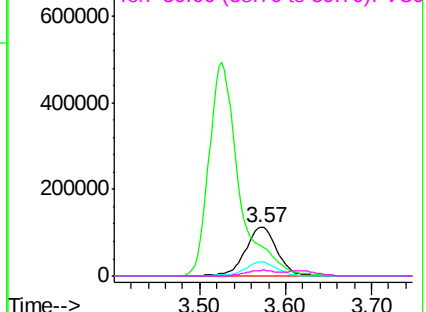
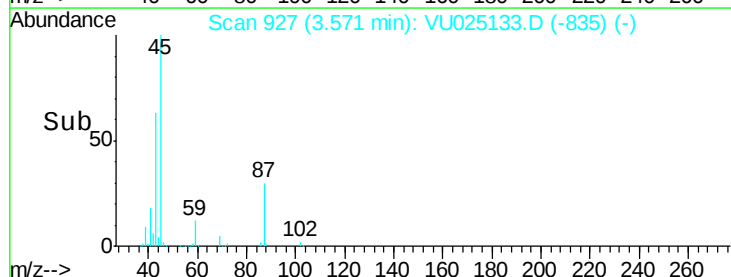
43 61.7 45.8 68.6

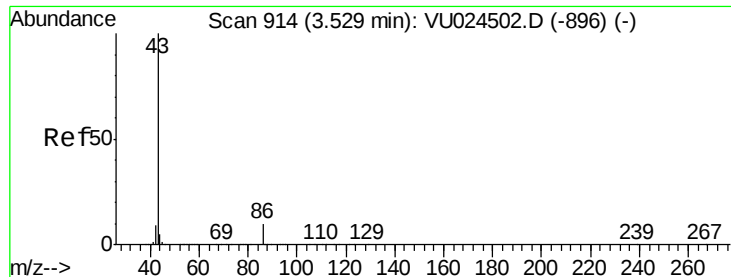
87 29.8 20.6 31.0

59 11.9 9.4 14.0



Abundance Ion 45.00 (44.70 to 45.70): VU025133.D (-835) (-)





#23

Vinyl Acetate

Concen: 213.560 ug/l

RT: 3.53 min Scan# 913

Delta R.T. -0.00 min

Lab File: VU025133.D

Acq: 02 Jul 2018 10:26

Instrument :

MSVOA_U

ClientSampleId :

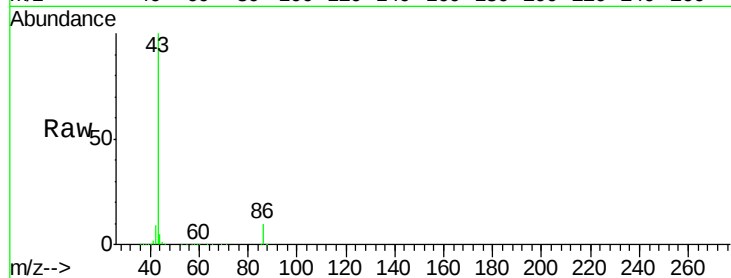
VSTDCCC050

Tot Ion: 43 Resp: 1210088

Ion Ratio Lower Upper

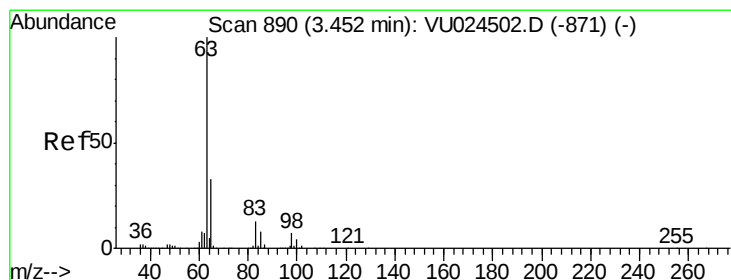
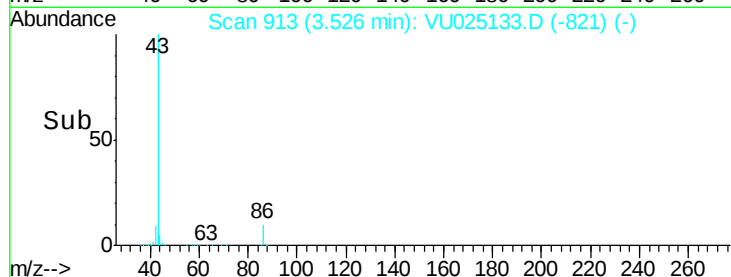
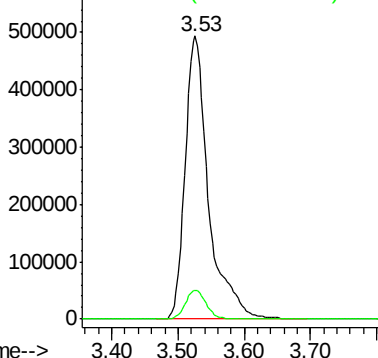
43 100

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: 45.182 ug/l

RT: 3.45 min Scan# 889

Delta R.T. -0.00 min

Lab File: VU025133.D

Acq: 02 Jul 2018 10:26

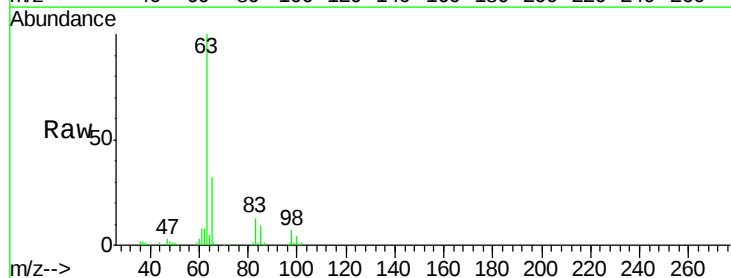
Tgt Ion: 63 Resp: 164408

Ion Ratio Lower Upper

63 100

98 7.0 3.5 10.4

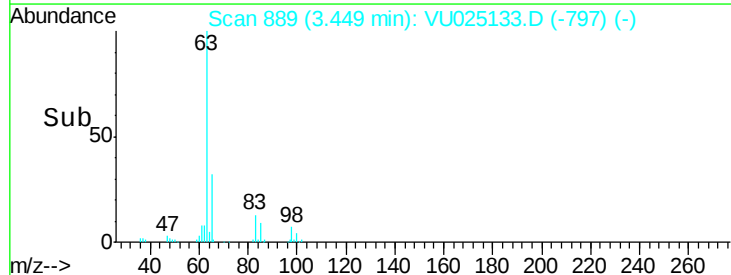
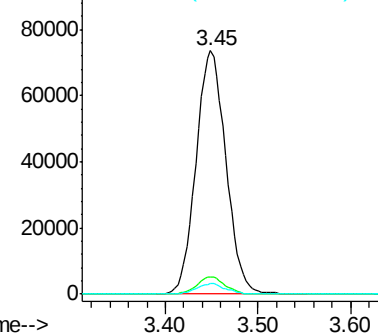
100 4.2 1.8 5.5



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

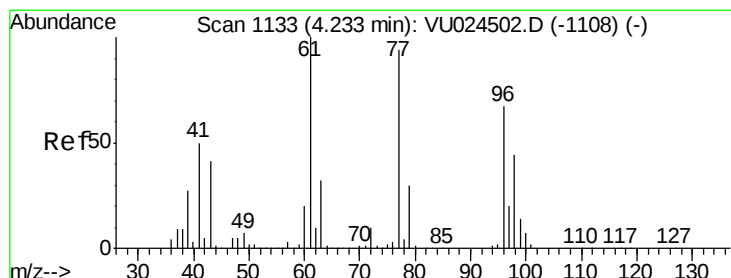
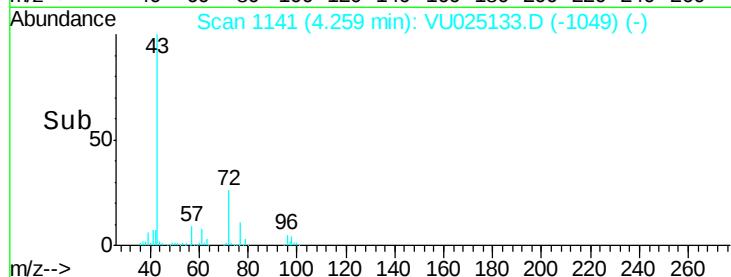
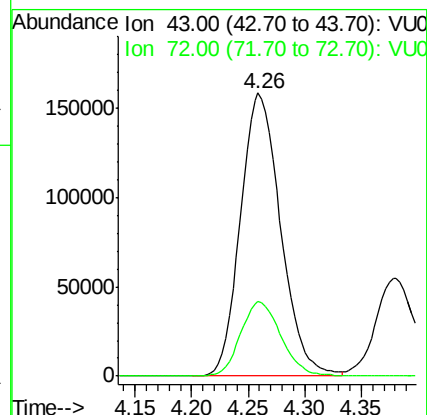
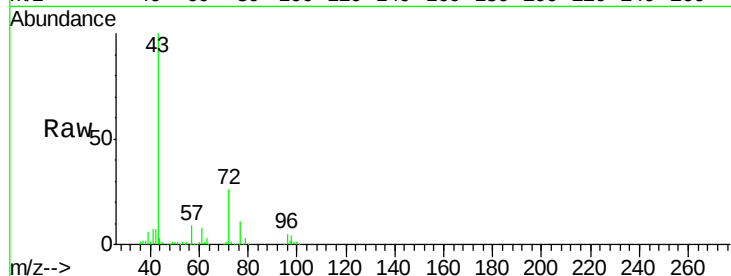




#25
2-Butanone
Concen: 219.768 ug/l
RT: 4.26 min Scan# 1141
Delta R.T. -0.00 min
Lab File: VU025133.D
Acq: 02 Jul 2018 10:26

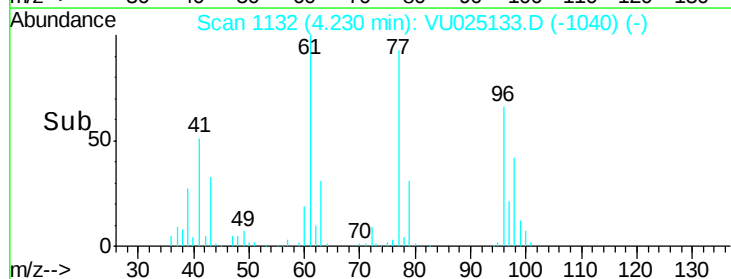
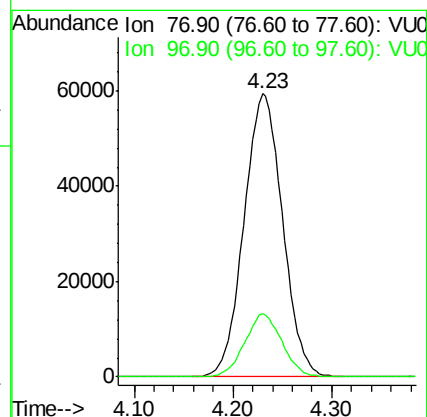
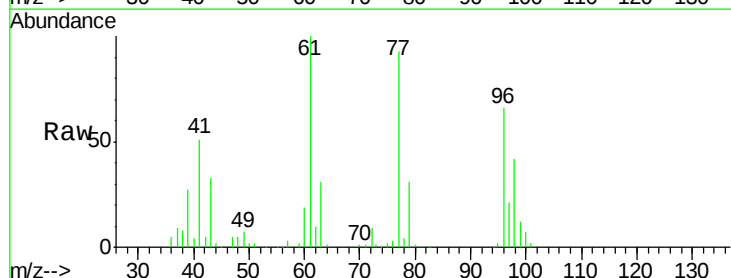
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 390803
Ion Ratio Lower Upper
43 100
72 26.4 19.6 29.4



#26
2,2-Dichloropropane
Concen: 46.398 ug/l
RT: 4.23 min Scan# 1132
Delta R.T. -0.00 min
Lab File: VU025133.D
Acq: 02 Jul 2018 10:26

Tgt Ion: 77 Resp: 160317
Ion Ratio Lower Upper
77 100
97 21.5 11.3 33.8

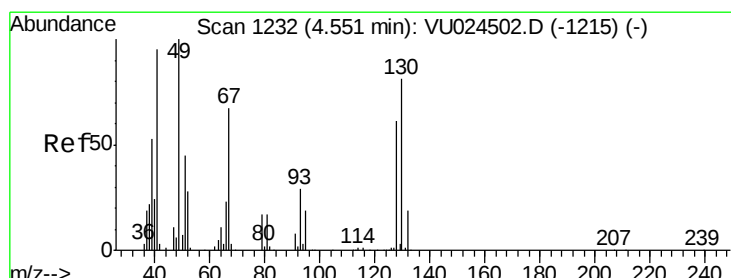
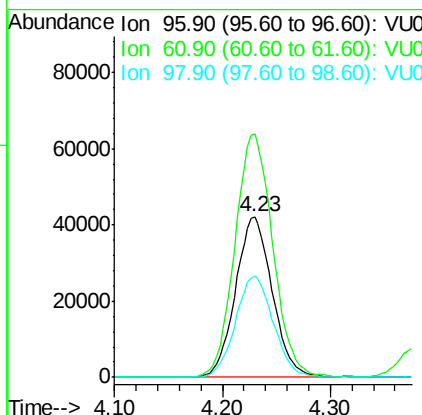
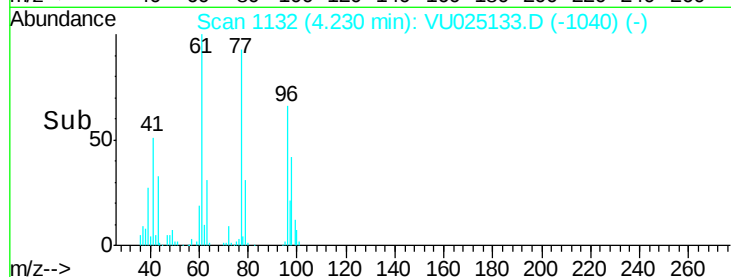
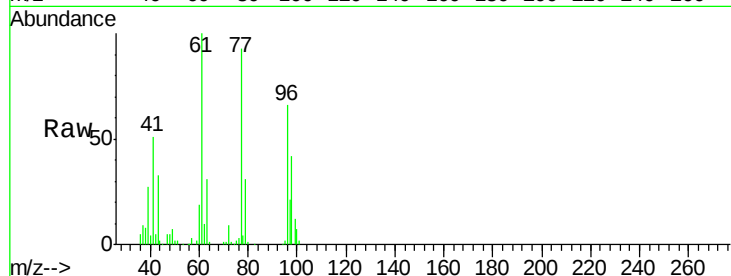




#27
 cis-1,2-Dichloroethene
 Concen: 45.880 ug/l
 RT: 4.23 min Scan# 1132
 Delta R.T. -0.00 min
 Lab File: VU025133.D
 Acq: 02 Jul 2018 10:26

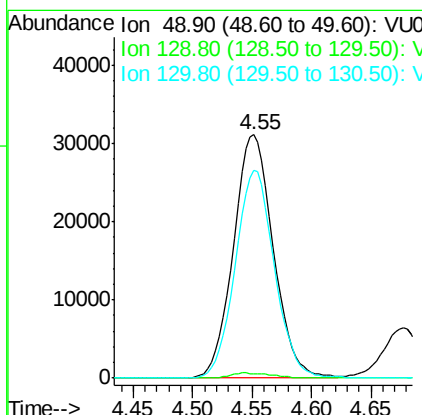
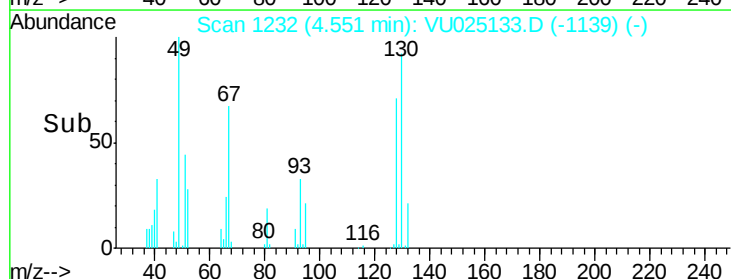
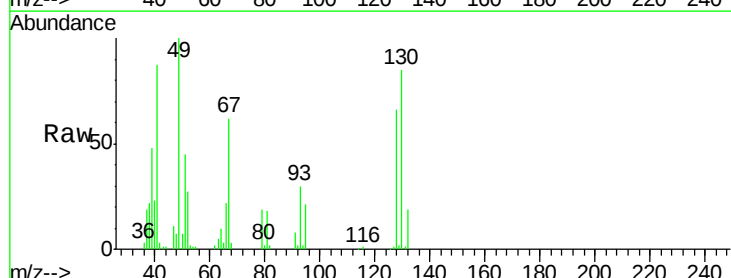
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Tot Ion: 96 Resp: 99838
 Ion Ratio Lower Upper
 96 100
 61 156.4 0.0 306.6
 98 65.1 0.0 128.8



#28
 Bromochloromethane
 Concen: 45.092 ug/l
 RT: 4.55 min Scan# 1232
 Delta R.T. 0.00 min
 Lab File: VU025133.D
 Acq: 02 Jul 2018 10:26

Tgt Ion: 49 Resp: 72272
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 3.8
 130 84.0 57.8 86.6





#29

Tetrahydrofuran

Concen: 209.801 ug/l

RT: 4.64 min Scan# 1258

Delta R.T. -0.00 min

Lab File: VU025133.D

Acq: 02 Jul 2018 10:26

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

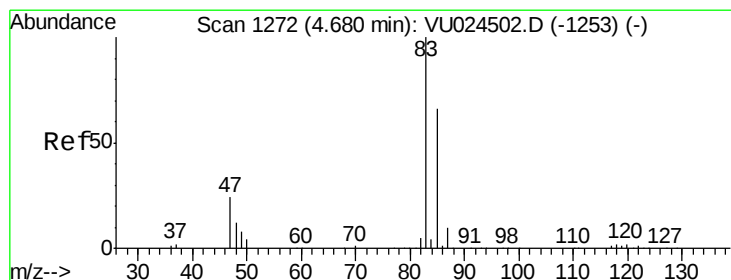
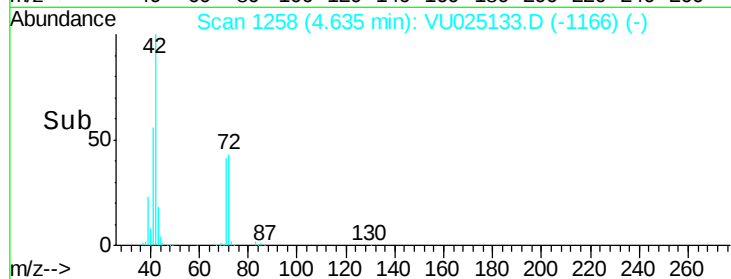
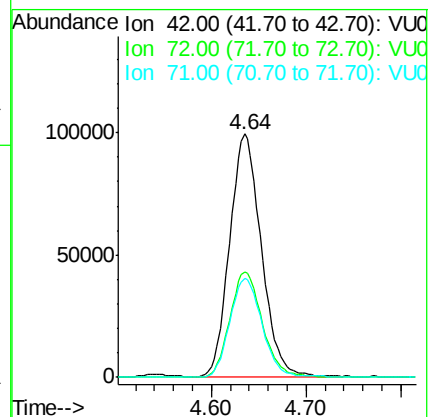
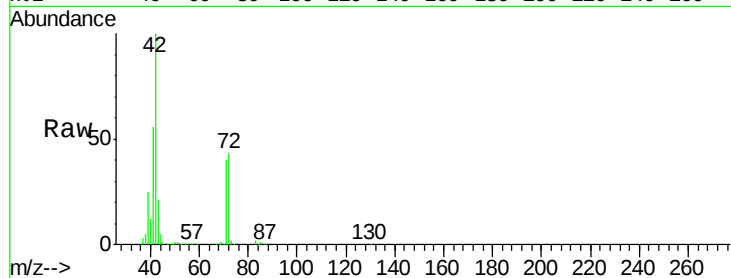
Tot Ion: 42 Resp: 231036

Ion Ratio Lower Upper

42 100

72 44.7 34.5 51.7

71 41.5 32.2 48.4



#30

Chloroform

Concen: 47.415 ug/l

RT: 4.68 min Scan# 1271

Delta R.T. -0.00 min

Lab File: VU025133.D

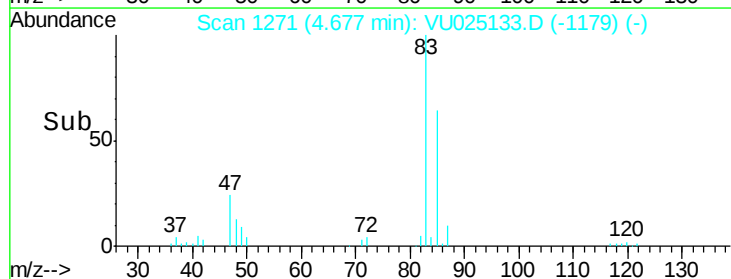
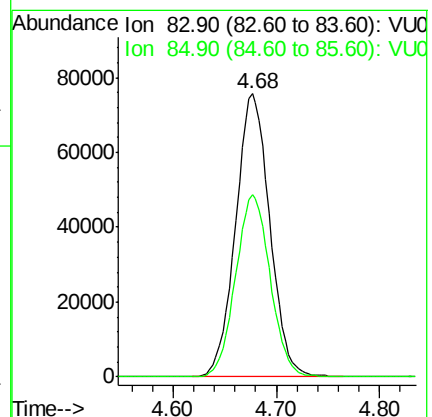
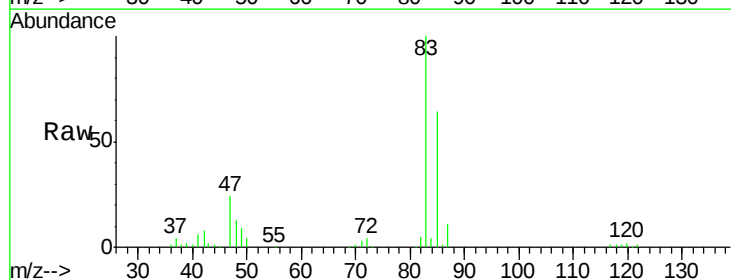
Acq: 02 Jul 2018 10:26

Tgt Ion: 83 Resp: 174635

Ion Ratio Lower Upper

83 100

85 64.5 52.4 78.6

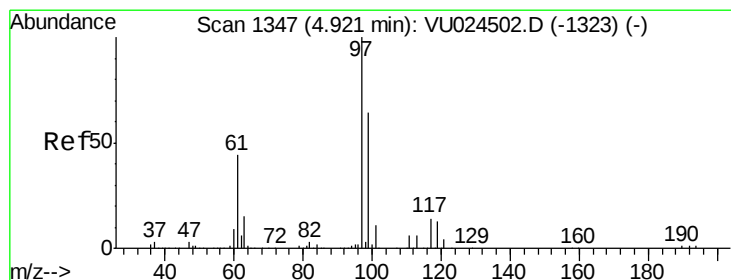
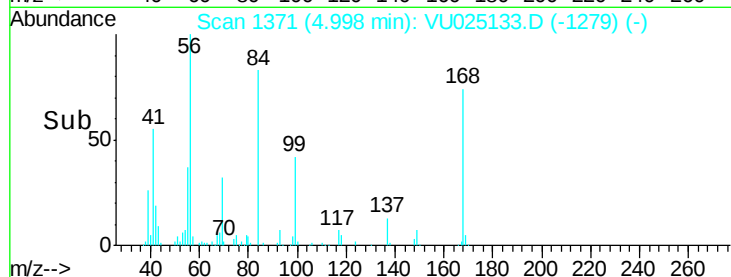
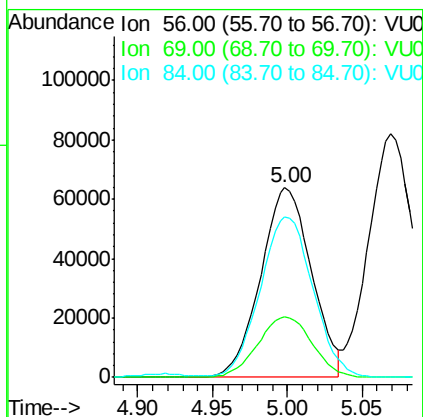
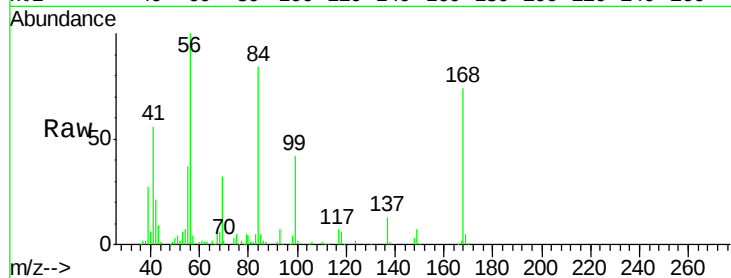




#31
Cyclohexane
Concen: 46.421 ug/l
RT: 5.00 min Scan# 1371
Delta R.T. -0.00 min
Lab File: VU025133.D
Acq: 02 Jul 2018 10:26

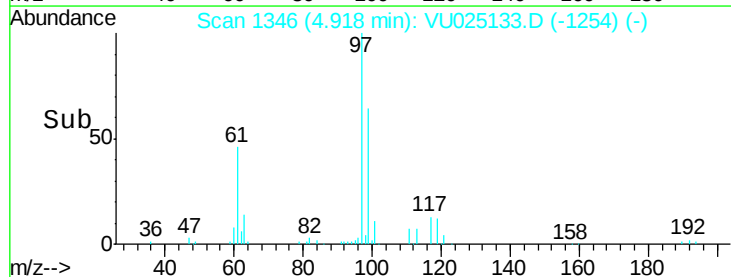
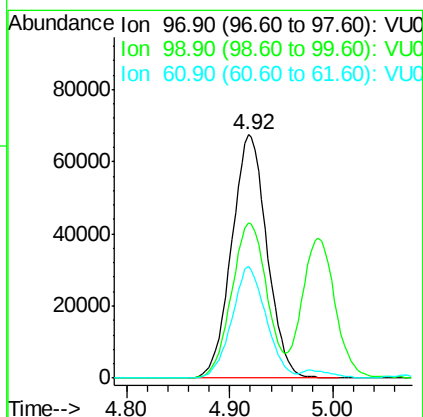
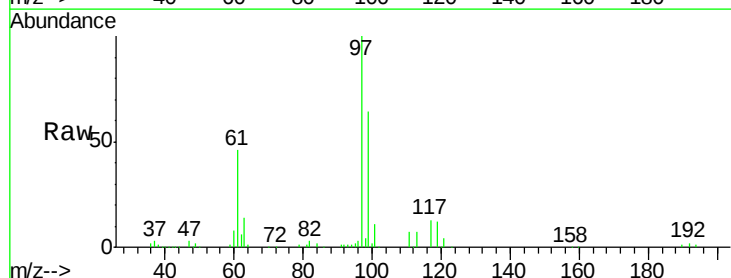
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tot Ion: 56 Resp: 150460
Ion Ratio Lower Upper
56 100
69 32.2 24.8 37.2
84 83.3 65.2 97.8



#32
1,1,1-Trichloroethane
Concen: 47.199 ug/l
RT: 4.92 min Scan# 1346
Delta R.T. -0.00 min
Lab File: VU025133.D
Acq: 02 Jul 2018 10:26

Tgt Ion: 97 Resp: 160753
Ion Ratio Lower Upper
97 100
99 63.6 51.0 76.6
61 44.3 39.4 59.0

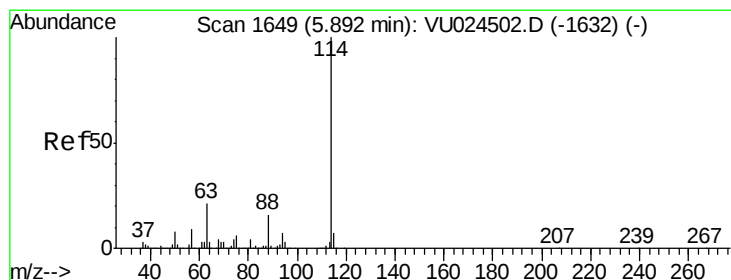
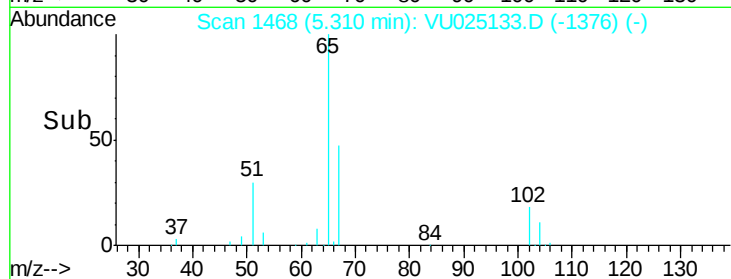
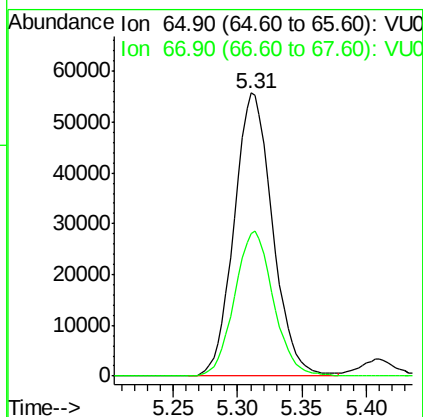
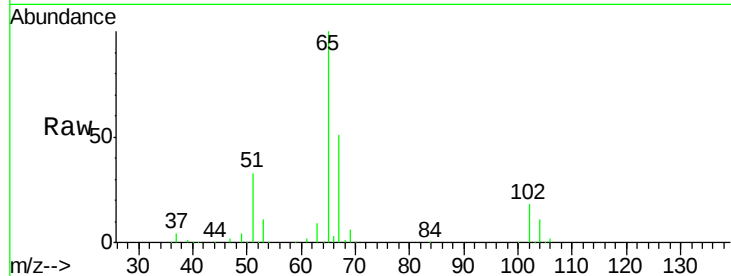




#33
 1,2-Dichloroethane-d4
 Concen: 46.963 ug/l
 RT: 5.31 min Scan# 1468
 Delta R.T. -0.00 min
 Lab File: VU025133.D
 Acq: 02 Jul 2018 10:26

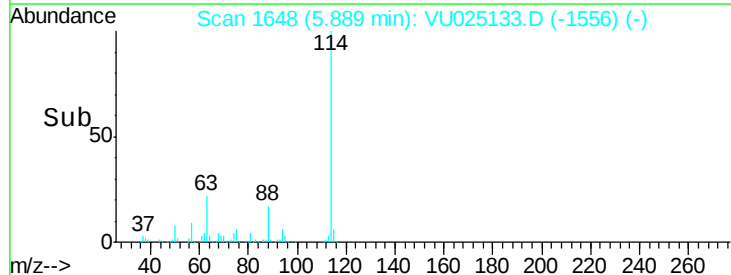
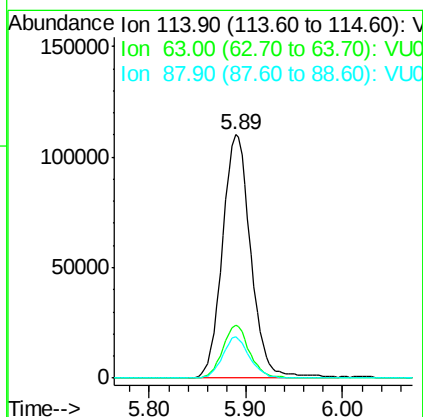
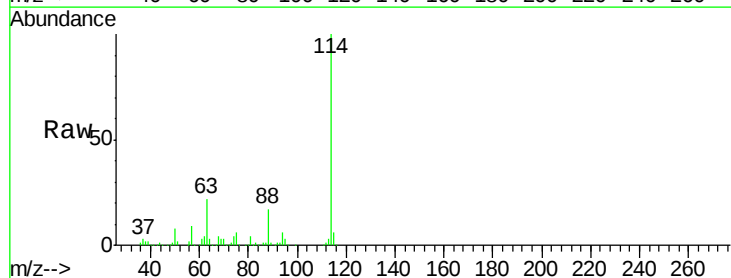
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Tot Ion: 65 Resp: 115714
 Ion Ratio Lower Upper
 65 100
 67 51.5 0.0 107.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1648
 Delta R.T. -0.00 min
 Lab File: VU025133.D
 Acq: 02 Jul 2018 10:26

Tgt Ion: 114 Resp: 224770
 Ion Ratio Lower Upper
 114 100
 63 21.7 0.0 45.4
 88 16.8 0.0 31.0





#35

Dibromofluoromethane

Concen: 51.187 ug/l

RT: 4.89 min Scan# 1336

Delta R.T. 0.00 min

Lab File: VU025133.D

Acq: 02 Jul 2018 10:26

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

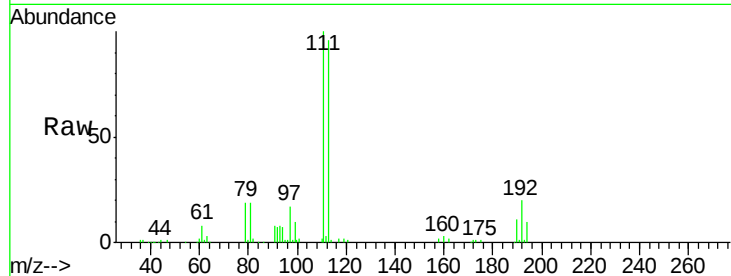
Tot Ion:113 Resp: 95486

Ion Ratio Lower Upper

113 100

111 103.1 82.2 123.4

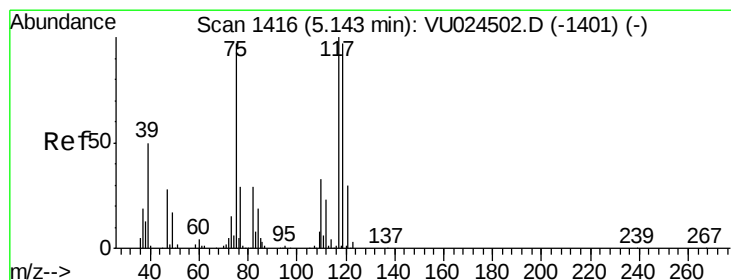
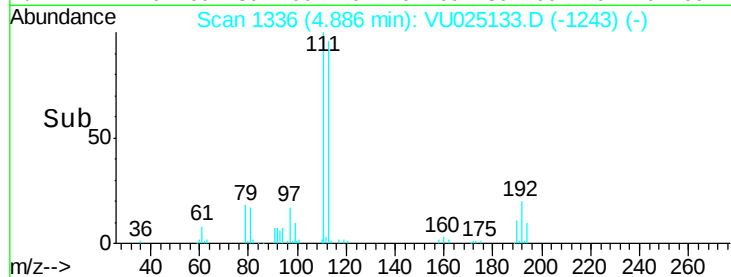
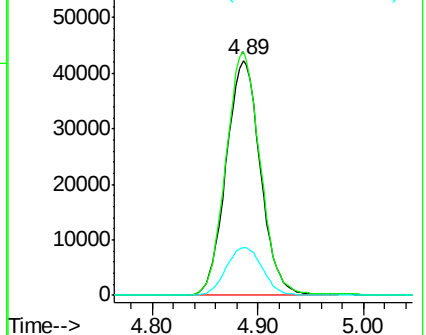
192 21.4 16.2 24.4



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 47.396 ug/l

RT: 5.14 min Scan# 1415

Delta R.T. -0.00 min

Lab File: VU025133.D

Acq: 02 Jul 2018 10:26

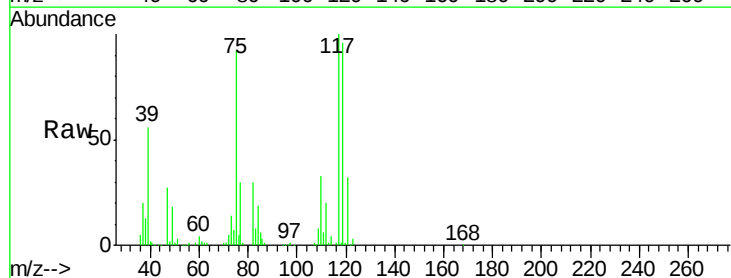
Tgt Ion: 75 Resp: 125183

Ion Ratio Lower Upper

75 100

110 36.7 17.0 50.9

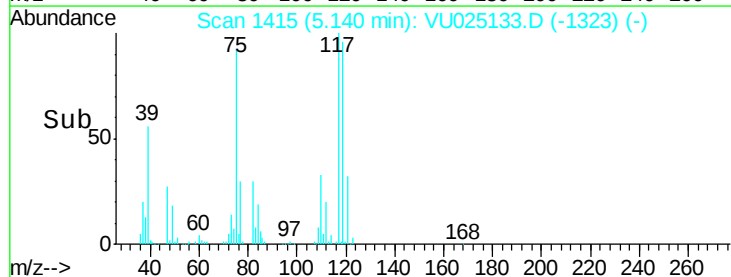
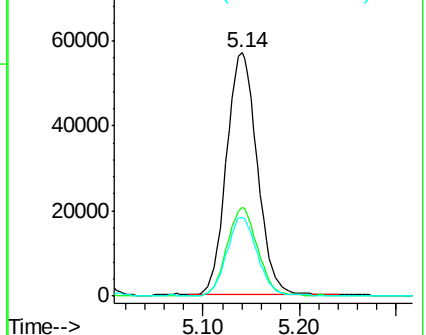
77 32.3 24.2 36.4

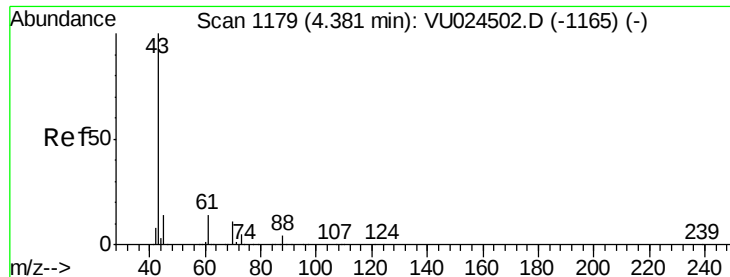


Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VU0

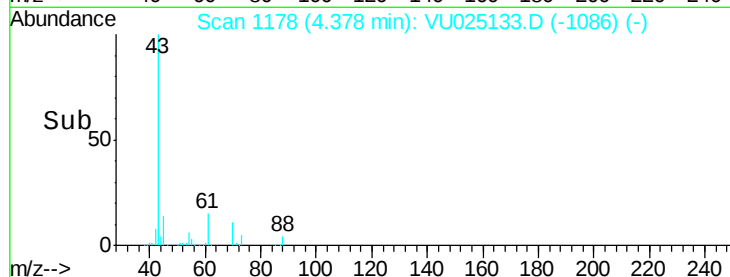
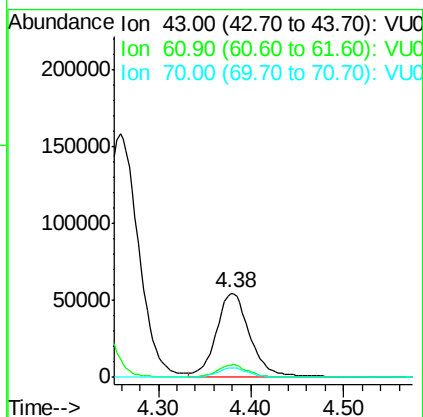
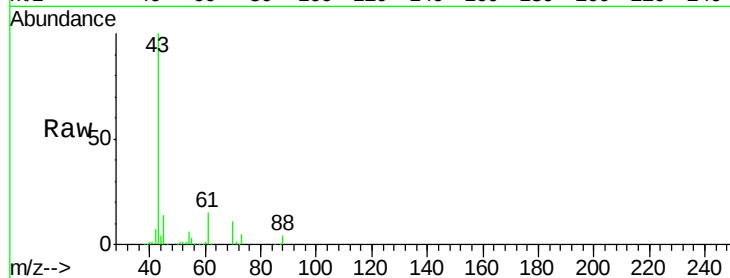




#37
Ethyl Acetate
Concen: 46.935 ug/l
RT: 4.38 min Scan# 1178
Delta R.T. -0.00 min
Lab File: VU025133.D
Acq: 02 Jul 2018 10:26

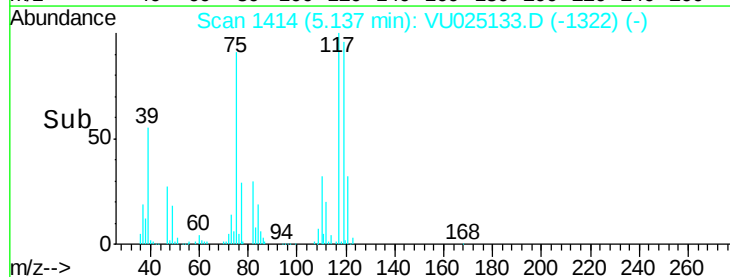
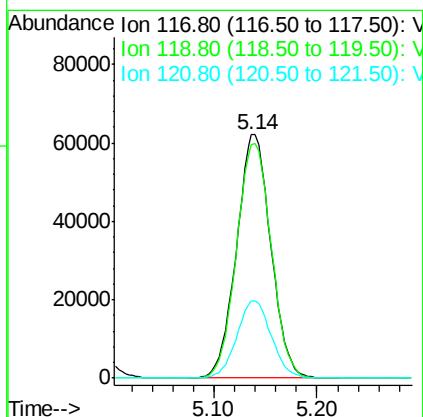
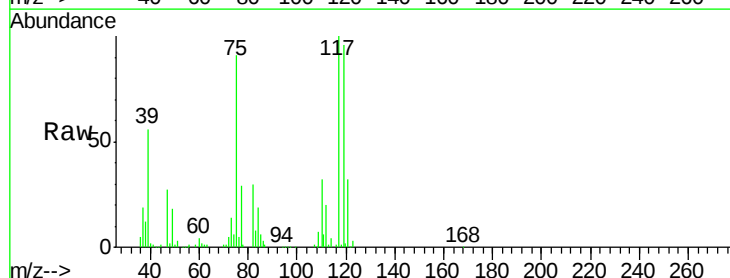
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 135114
Ion Ratio Lower Upper
43 100
61 13.5 10.5 15.7
70 10.6 7.4 11.2



#38
Carbon Tetrachloride
Concen: 49.398 ug/l
RT: 5.14 min Scan# 1414
Delta R.T. -0.00 min
Lab File: VU025133.D
Acq: 02 Jul 2018 10:26

Tgt Ion: 117 Resp: 143474
Ion Ratio Lower Upper
117 100
119 95.7 76.1 114.1
121 31.5 23.7 35.5

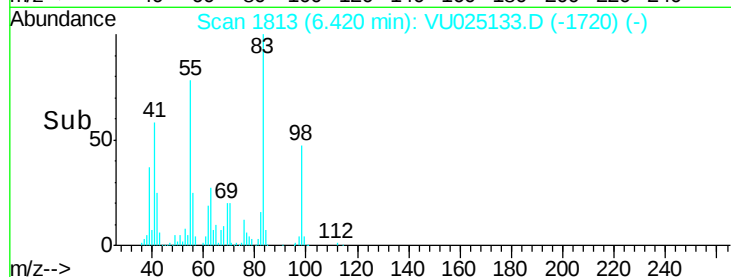
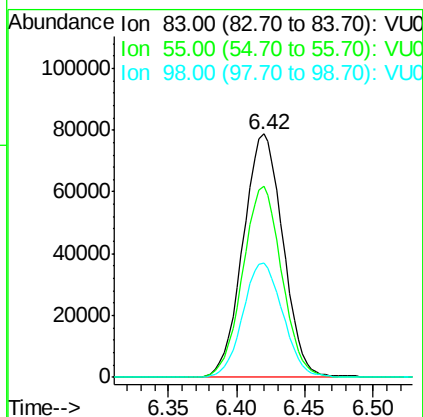
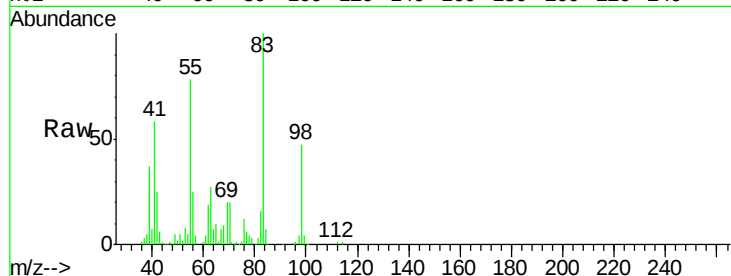




#39
Methvlcvclohexane
Concen: 48.501 ug/l
RT: 6.42 min Scan# 1813
Delta R.T. 0.00 min
Lab File: VU025133.D
Acq: 02 Jul 2018 10:26

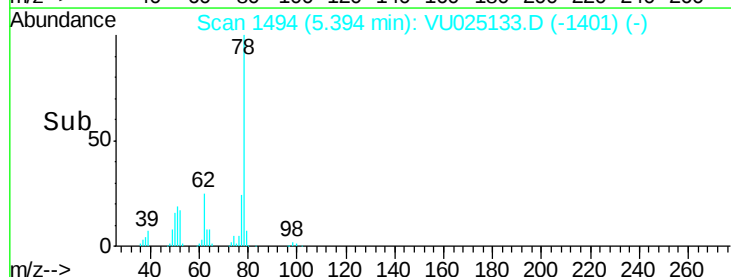
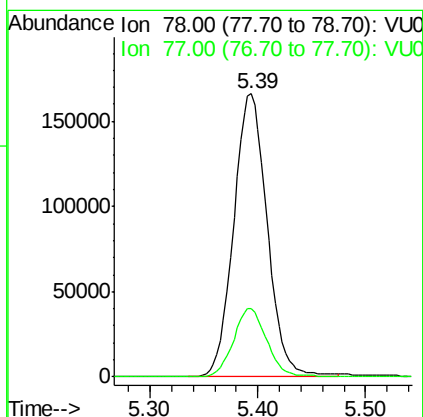
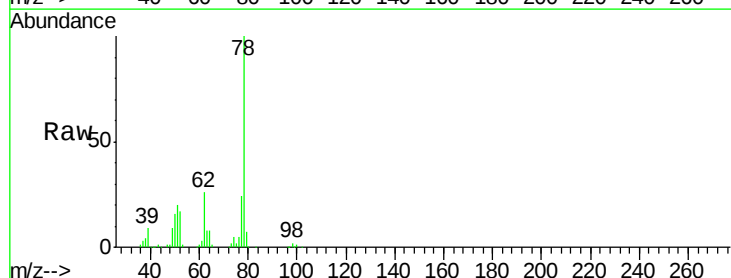
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tot Ion: 83 Resp: 159861
Ion Ratio Lower Upper
83 100
55 78.3 65.8 98.6
98 46.7 36.7 55.1



#40
Benzene
Concen: 47.848 ug/l
RT: 5.39 min Scan# 1494
Delta R.T. 0.00 min
Lab File: VU025133.D
Acq: 02 Jul 2018 10:26

Tgt Ion: 78 Resp: 360109
Ion Ratio Lower Upper
78 100
77 24.0 19.2 28.8

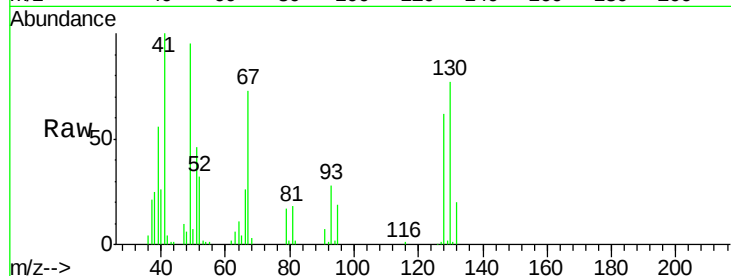




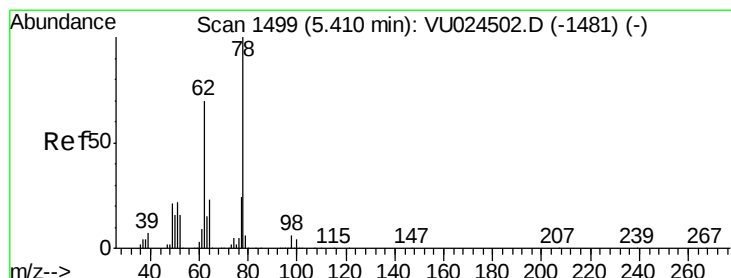
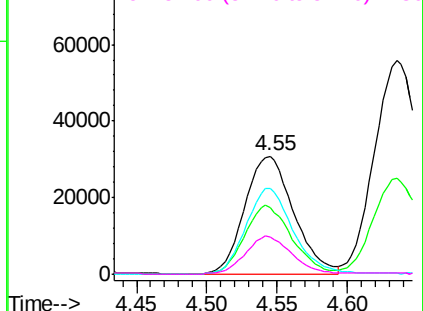
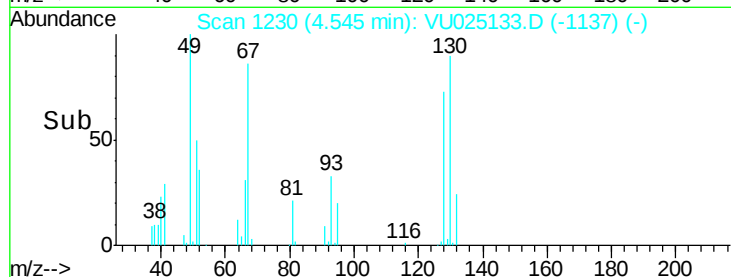
#41
Methacrylonitrile
Concen: 48.238 ug/l
RT: 4.55 min Scan# 1230
Delta R.T. 0.00 min
Lab File: VU025133.D
Acq: 02 Jul 2018 10:26

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tot Ion: 41 Resp: 74871
Ion Ratio Lower Upper
41 100
39 56.7 43.8 65.6
67 70.7 56.3 84.5
52 31.1 23.2 34.8

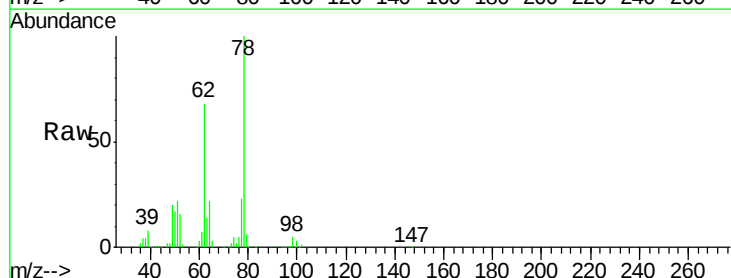


Abundance Ion 41.00 (40.70 to 41.70): VU0
Ion 39.00 (38.70 to 39.70): VU0
Ion 67.00 (66.70 to 67.70): VU0
Ion 52.00 (51.70 to 52.70): VU0

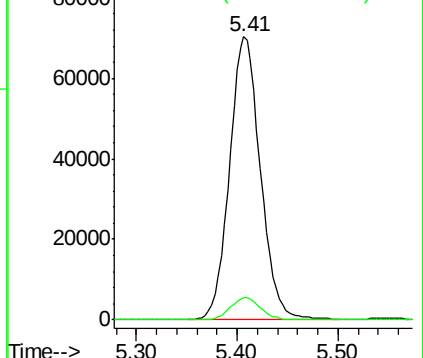
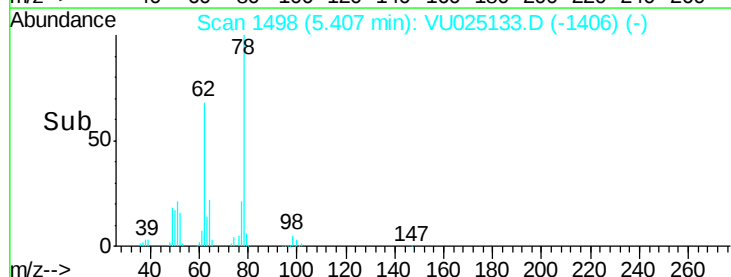


#42
1,2-Dichloroethane
Concen: 52.198 ug/l
RT: 5.41 min Scan# 1498
Delta R.T. -0.00 min
Lab File: VU025133.D
Acq: 02 Jul 2018 10:26

Tgt Ion: 62 Resp: 149619
Ion Ratio Lower Upper
62 100
98 7.7 0.0 16.6



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

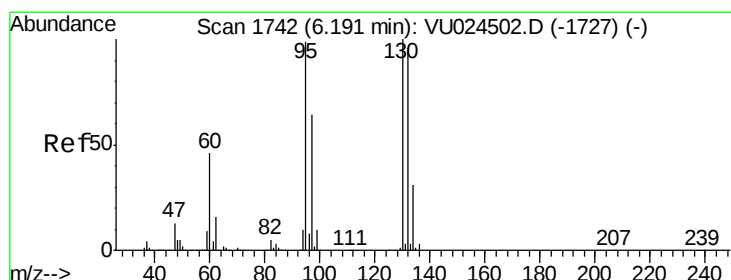
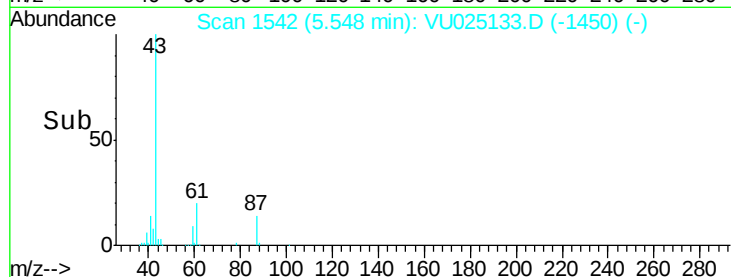
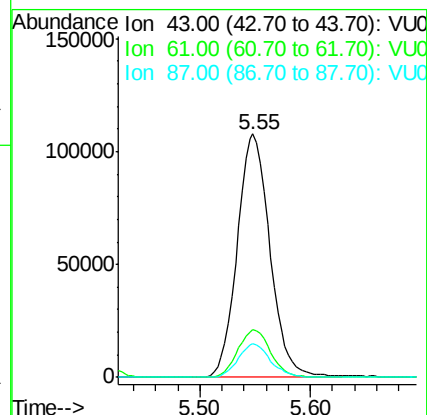
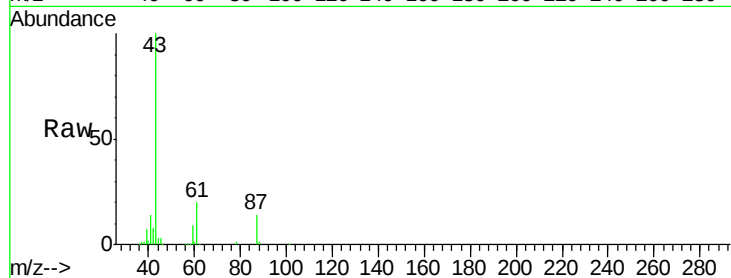




#43
Isopropyl Acetate
Concen: 44.383 ug/l
RT: 5.55 min Scan# 1542
Delta R.T. -0.00 min
Lab File: VU025133.D
Acq: 02 Jul 2018 10:26

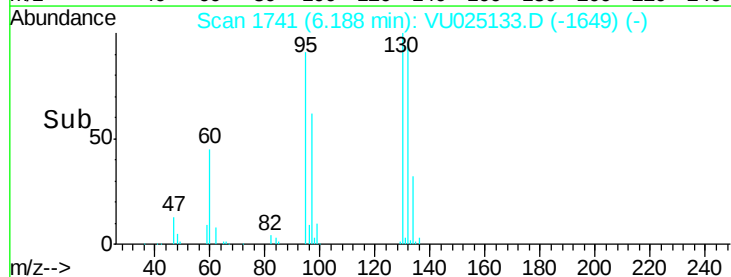
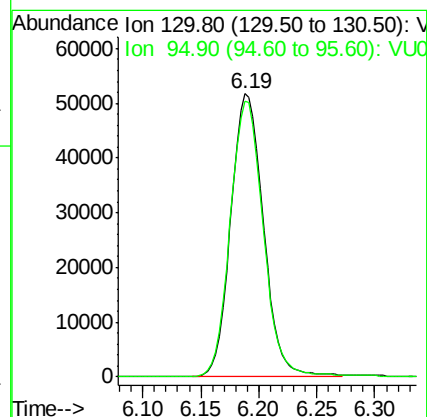
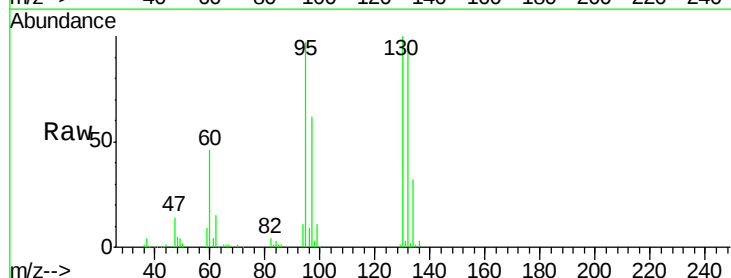
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 220852
Ion Ratio Lower Upper
43 100
61 19.6 15.4 23.0
87 13.4 10.0 15.0



#44
Trichloroethene
Concen: 47.220 ug/l
RT: 6.19 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VU025133.D
Acq: 02 Jul 2018 10:26

Tgt Ion: 130 Resp: 101141
Ion Ratio Lower Upper
130 100
95 97.3 0.0 202.4

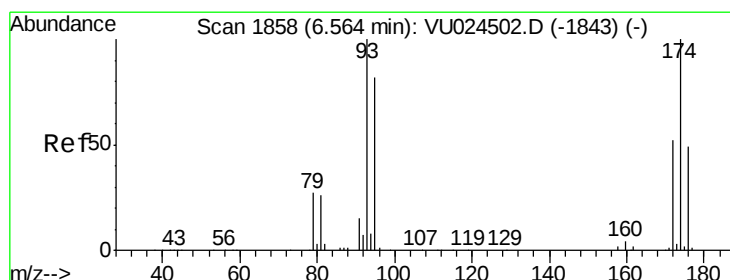
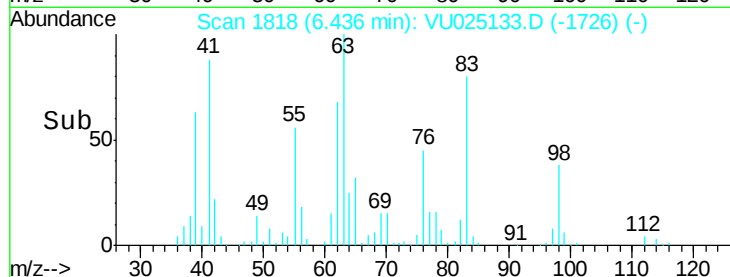
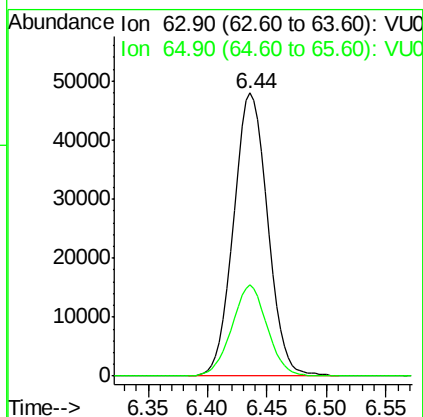
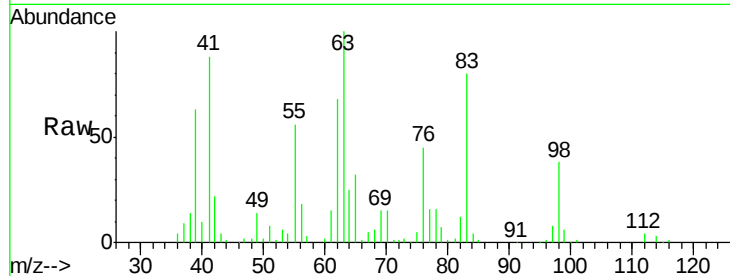




#45
 1,2-Dichloropropane
 Concen: 47.618 ug/l
 RT: 6.44 min Scan# 1818
 Delta R.T. -0.00 min
 Lab File: VU025133.D
 Acq: 02 Jul 2018 10:26

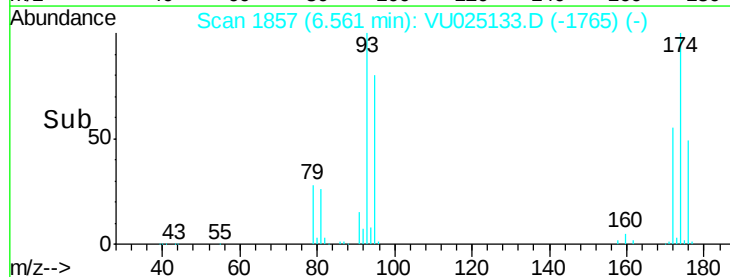
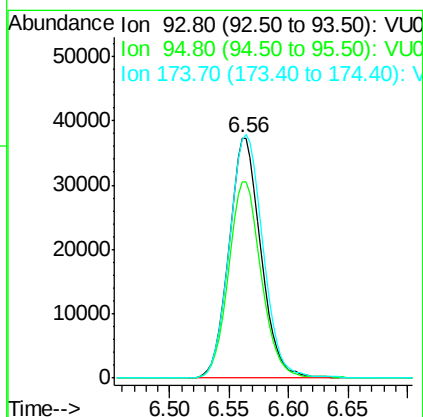
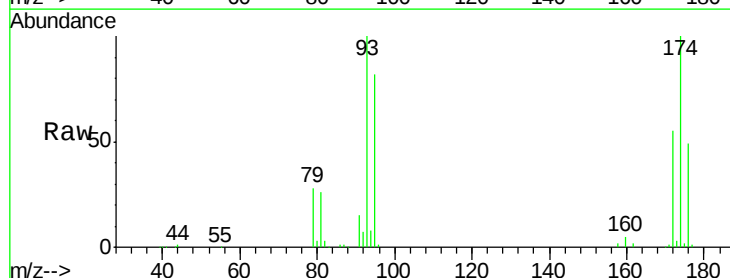
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Tot Ion: 63 Resp: 95623
 Ion Ratio Lower Upper
 63 100
 65 32.2 24.8 37.2



#46
 Dibromomethane
 Concen: 49.457 ug/l
 RT: 6.56 min Scan# 1857
 Delta R.T. -0.00 min
 Lab File: VU025133.D
 Acq: 02 Jul 2018 10:26

Tgt Ion: 93 Resp: 69761
 Ion Ratio Lower Upper
 93 100
 95 83.4 65.5 98.3
 174 105.9 78.7 118.1





#47

Bromodichloromethane

Concen: 48.560 ug/l

RT: 6.76 min Scan# 1919

Delta R.T. 0.00 min

Lab File: VU025133.D

Acq: 02 Jul 2018 10:26

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

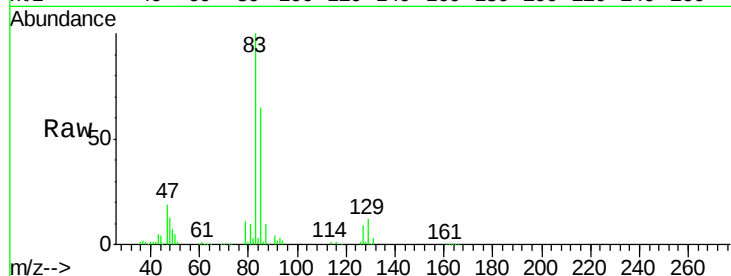
Tot Ion: 83 Resp: 136394

Ion Ratio Lower Upper

83 100

85 64.7 51.9 77.9

127 9.0 6.6 9.8

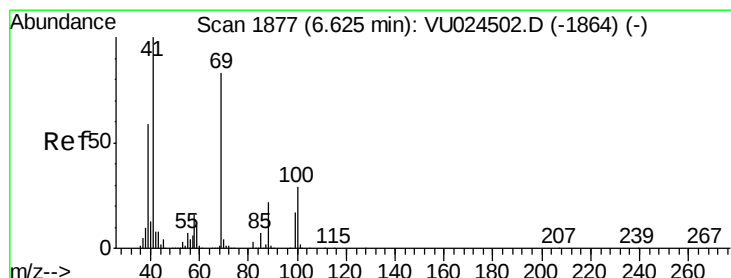
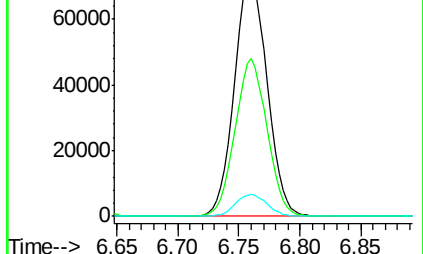
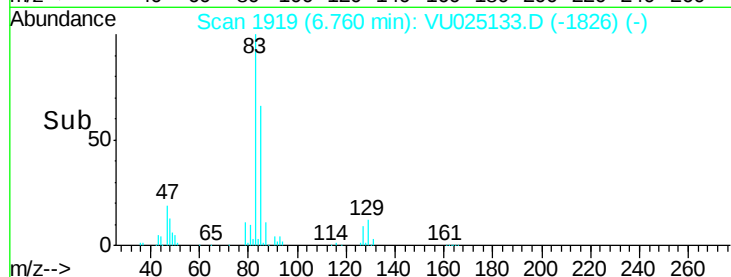


Abundance Ion 82.90 (82.60 to 83.60): VU025133.D (-1826) (-)

Ion 84.90 (84.60 to 85.60): VU025133.D (-1826) (-)

Ion 126.80 (126.50 to 127.50): VU025133.D (-1826) (-)

Time-->



#48

Methyl methacrylate

Concen: 47.003 ug/l

RT: 6.62 min Scan# 1876

Delta R.T. -0.00 min

Lab File: VU025133.D

Acq: 02 Jul 2018 10:26

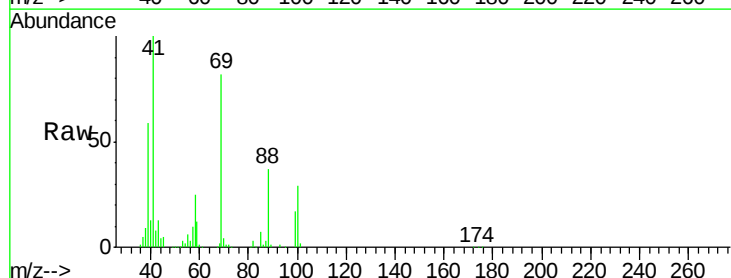
Tgt Ion: 41 Resp: 113890

Ion Ratio Lower Upper

41 100

69 82.3 67.3 100.9

39 59.9 46.5 69.7

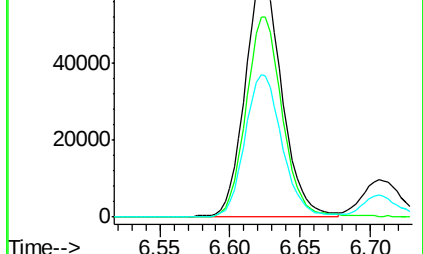
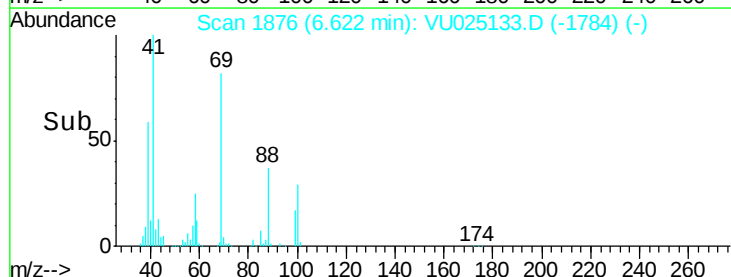


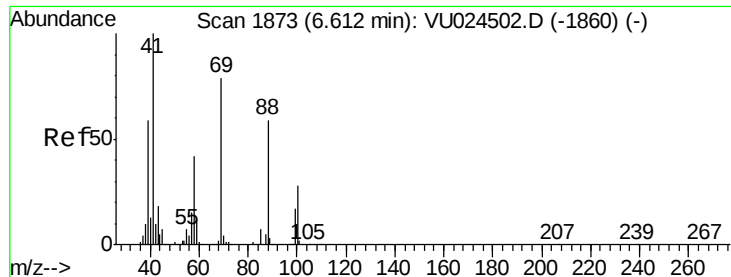
Abundance Ion 41.00 (40.70 to 41.70): VU025133.D (-1784) (-)

Ion 69.00 (68.70 to 69.70): VU025133.D (-1784) (-)

Ion 39.00 (38.70 to 39.70): VU025133.D (-1784) (-)

Time-->

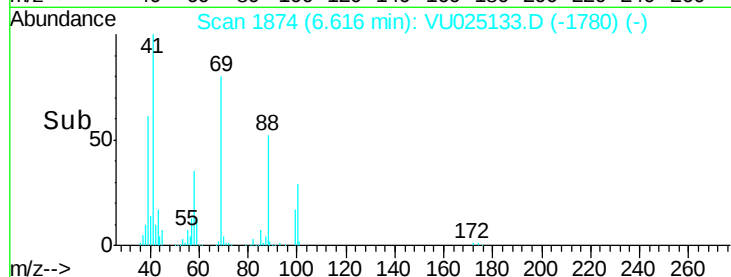
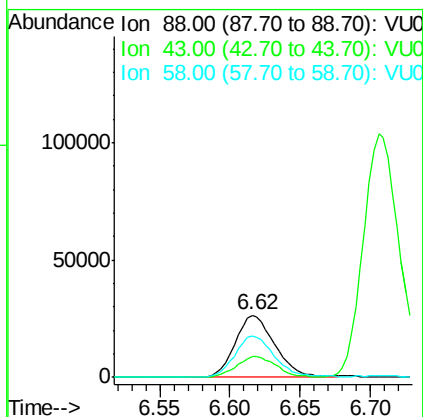
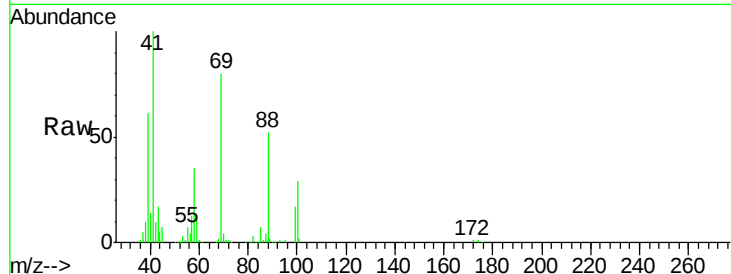




#49
 1,4-Dioxane
 Concen: 1105.698 ug/l
 RT: 6.62 min Scan# 1874
 Delta R.T. 0.00 min
 Lab File: VU025133.D
 Acq: 02 Jul 2018 10:26

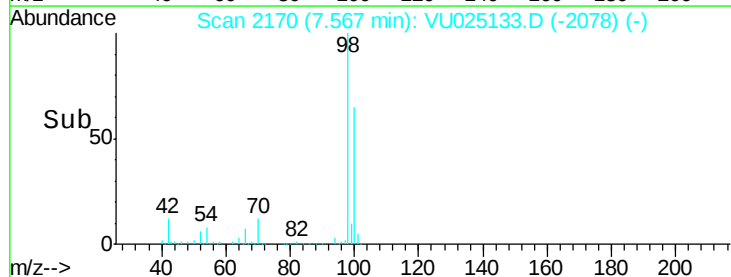
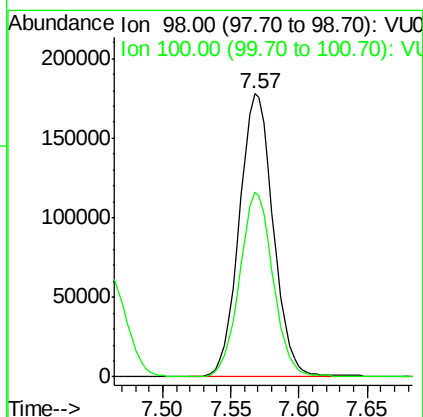
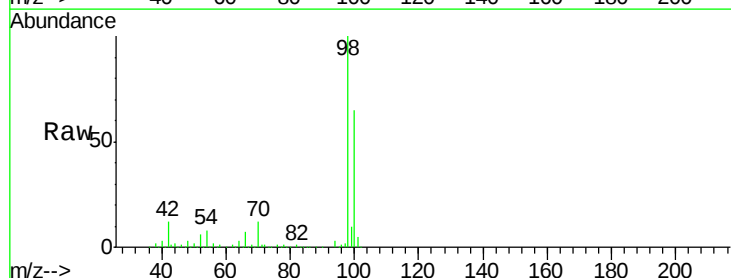
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Tot Ion: 88 Resp: 52394
 Ion Ratio Lower Upper
 88 100
 43 33.7 28.6 42.8
 58 67.0 58.2 87.4



#50
 Toluene-d8
 Concen: 45.186 ug/l
 RT: 7.57 min Scan# 2170
 Delta R.T. -0.00 min
 Lab File: VU025133.D
 Acq: 02 Jul 2018 10:26

Tgt Ion: 98 Resp: 307460
 Ion Ratio Lower Upper
 98 100
 100 63.9 51.1 76.7

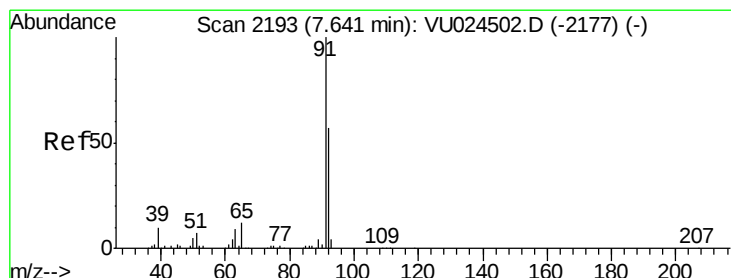
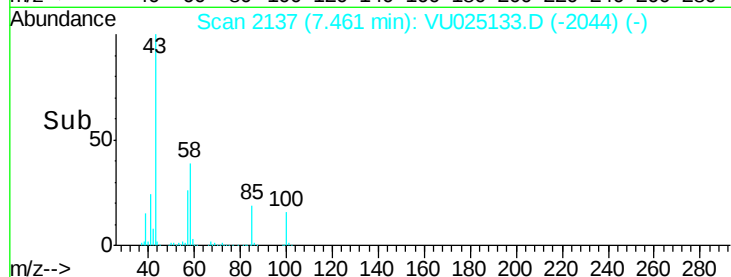
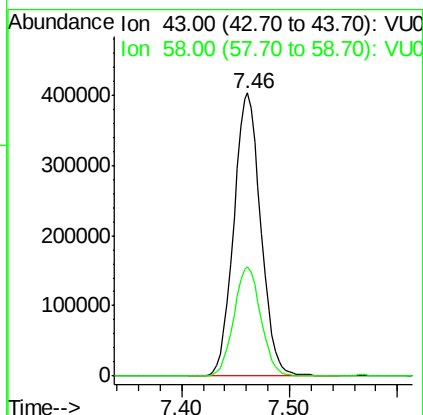
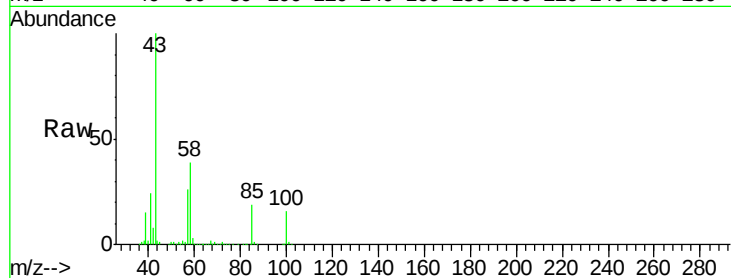




#51
4-Methyl-2-Pentanone
Concen: 224.639 ug/l
RT: 7.46 min Scan# 2137
Delta R.T. 0.00 min
Lab File: VU025133.D
Acq: 02 Jul 2018 10:26

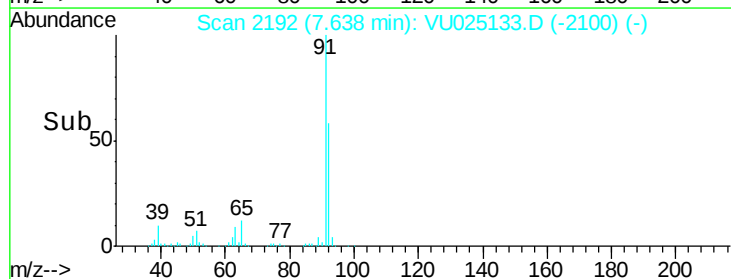
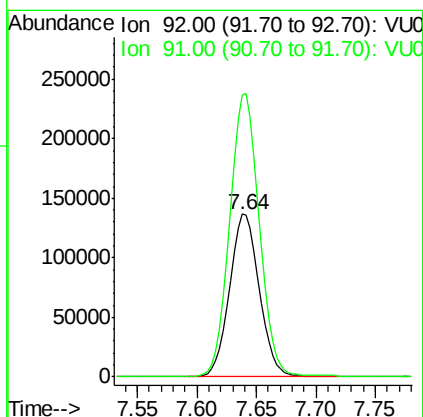
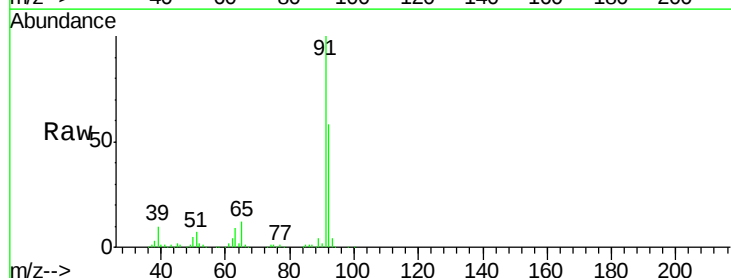
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 702266
Ion Ratio Lower Upper
43 100
58 38.8 30.0 45.0



#52
Toluene
Concen: 48.951 ug/l
RT: 7.64 min Scan# 2192
Delta R.T. -0.00 min
Lab File: VU025133.D
Acq: 02 Jul 2018 10:26

Tgt Ion: 92 Resp: 237022
Ion Ratio Lower Upper
92 100
91 173.7 140.5 210.7

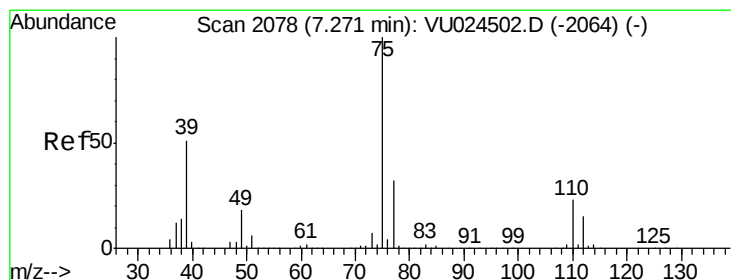
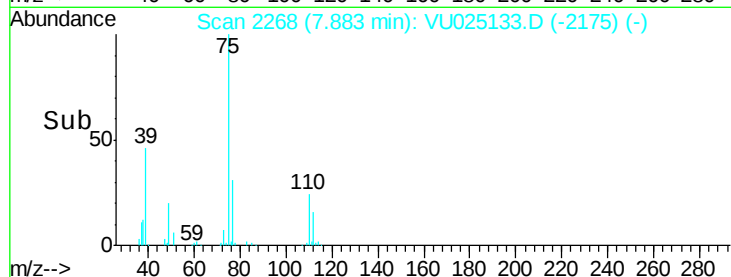
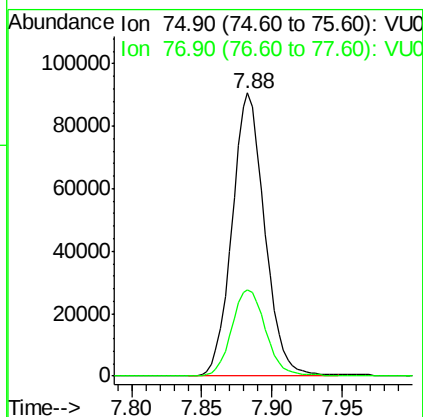
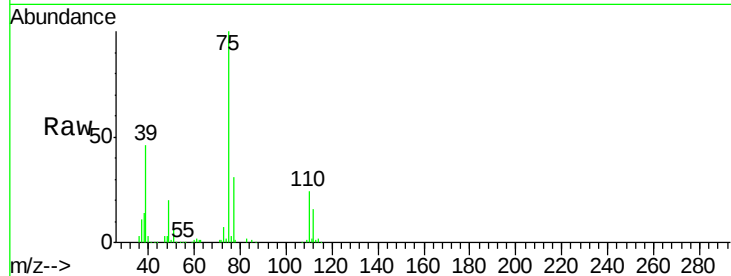




#53
t-1,3-Dichloropropene
Concen: 46.565 ug/l
RT: 7.88 min Scan# 2268
Delta R.T. 0.00 min
Lab File: VU025133.D
Acq: 02 Jul 2018 10:26

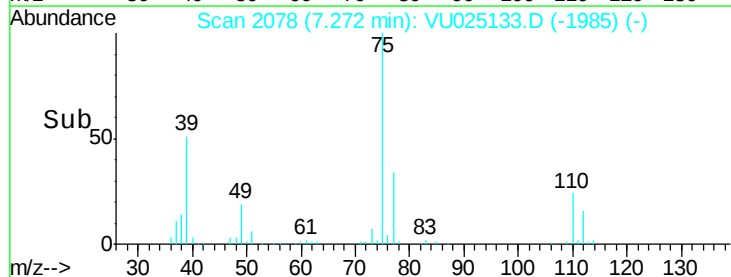
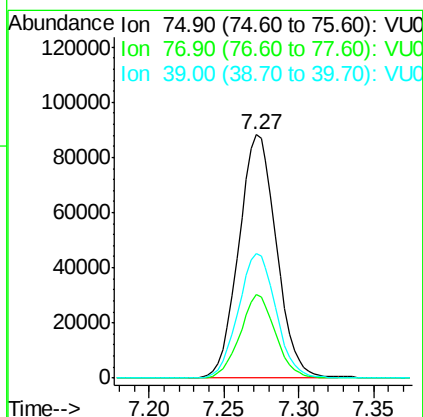
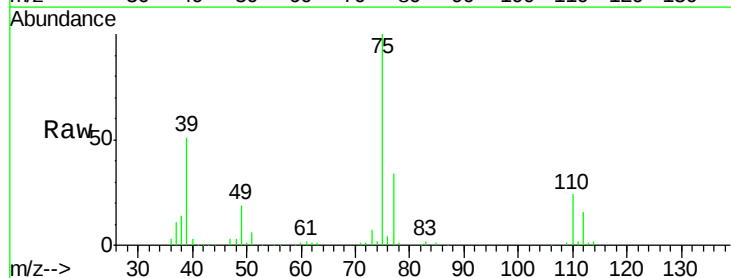
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tot Ion: 75 Resp: 146879
Ion Ratio Lower Upper
75 100
77 30.7 24.8 37.2



#54
cis-1,3-Dichloropropene
Concen: 45.906 ug/l
RT: 7.27 min Scan# 2078
Delta R.T. 0.00 min
Lab File: VU025133.D
Acq: 02 Jul 2018 10:26

Tgt Ion: 75 Resp: 154294
Ion Ratio Lower Upper
75 100
77 34.1 24.6 36.8
39 51.1 39.8 59.6

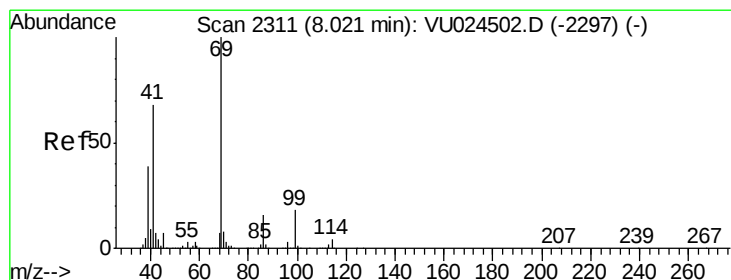
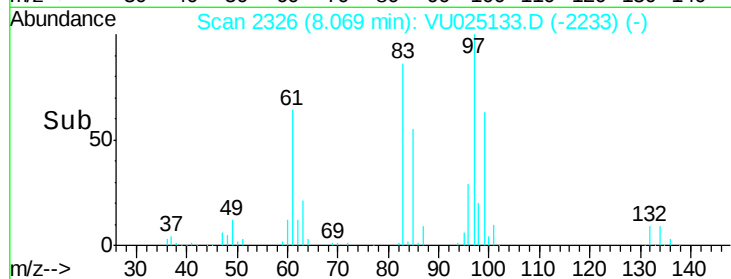
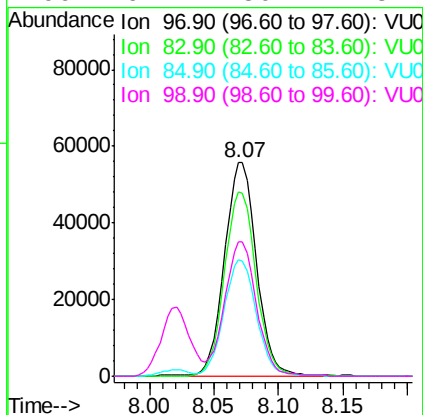
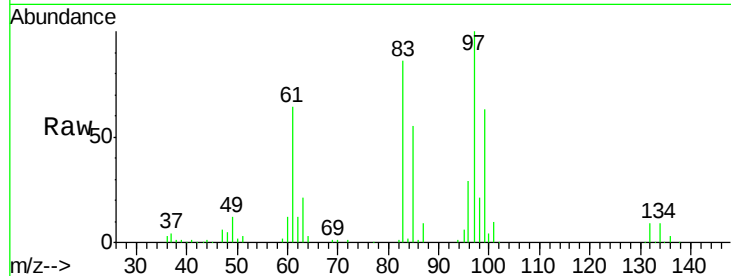




#55
 1,1,2-Trichloroethane
 Concen: 48.248 ug/l
 RT: 8.07 min Scan# 2326
 Delta R.T. 0.00 min
 Lab File: VU025133.D
 Acq: 02 Jul 2018 10:26

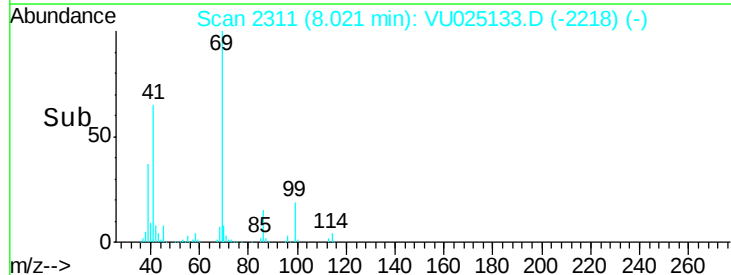
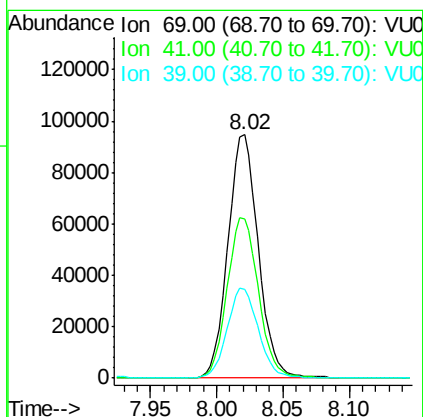
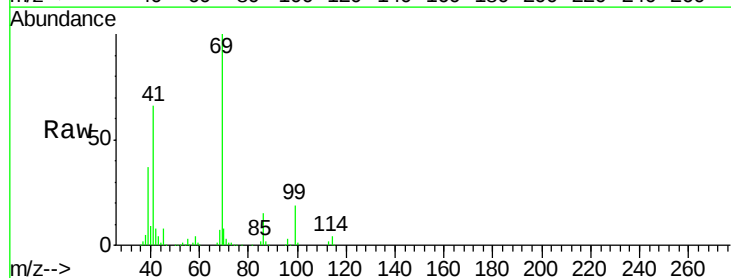
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

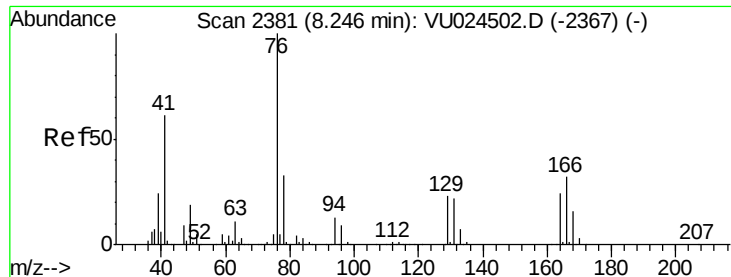
Tot Ion:	97	Resp:	94963
Ion	Ratio	Lower	Upper
97	100		
83	86.5	70.5	105.7
85	54.6	46.4	69.6
99	62.7	50.2	75.2



#56
 Ethyl methacrylate
 Concen: 45.757 ug/l
 RT: 8.02 min Scan# 2311
 Delta R.T. 0.00 min
 Lab File: VU025133.D
 Acq: 02 Jul 2018 10:26

Tgt Ion:	69	Resp:	150736
Ion	Ratio	Lower	Upper
69	100		
41	67.8	54.1	81.1
39	37.3	30.3	45.5





#57

1,3-Dichloropropane

Concen: 48.618 ug/l

RT: 8.25 min Scan# 2381

Delta R.T. 0.00 min

Lab File: VU025133.D

Acq: 02 Jul 2018 10:26

Instrument :

MSVOA_U

ClientSampleId :

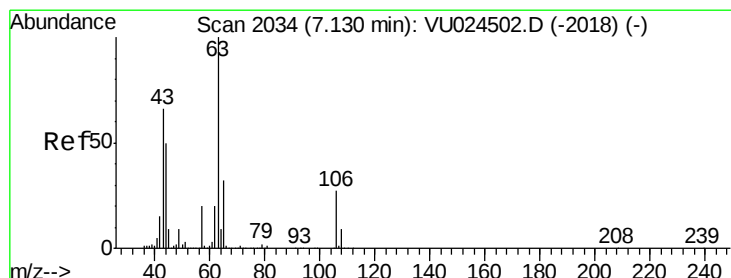
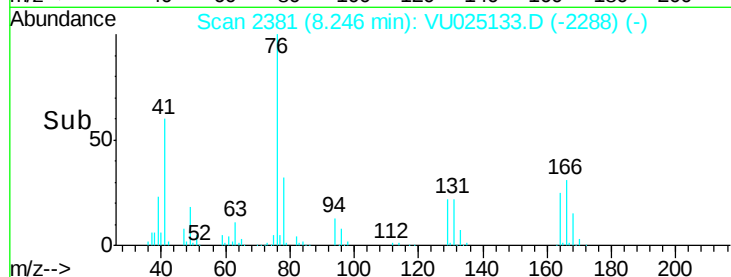
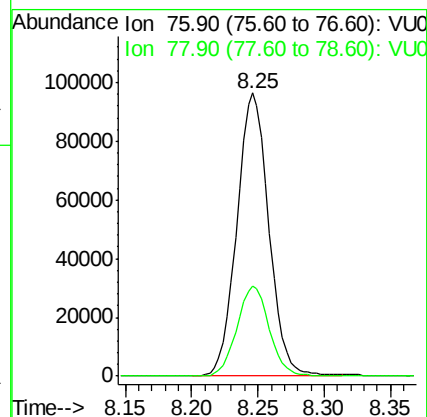
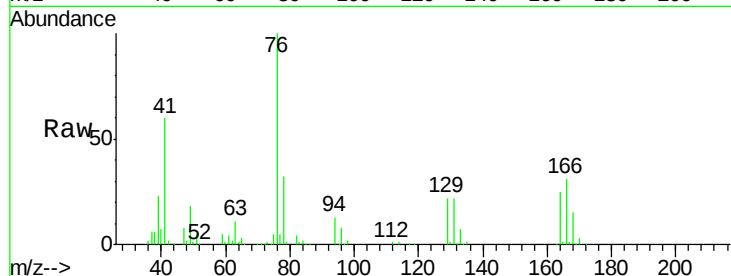
VSTDCCC050

Tot Ion: 76 Resp: 161423

Ion Ratio Lower Upper

76 100

78 32.2 25.2 37.8



#58

2-Chloroethyl Vinyl ether

Concen: 208.157 ug/l

RT: 7.13 min Scan# 2034

Delta R.T. 0.00 min

Lab File: VU025133.D

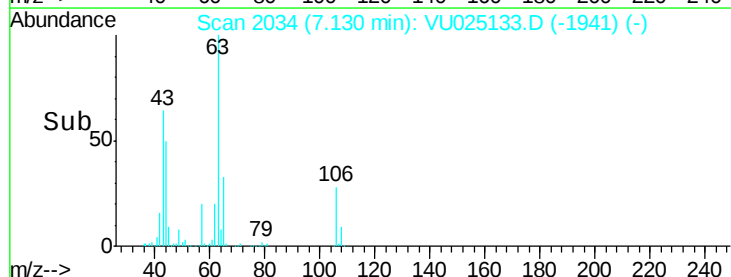
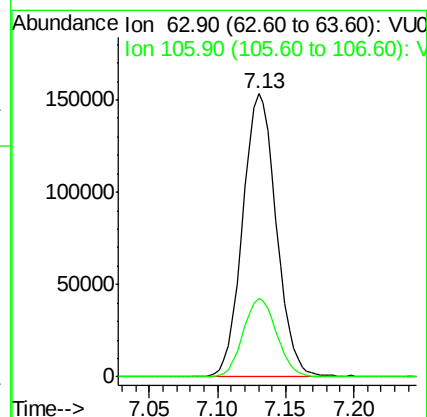
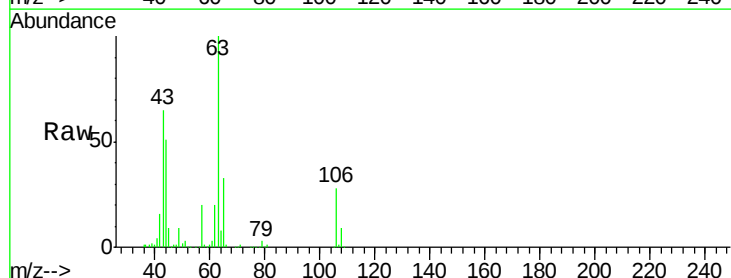
Acq: 02 Jul 2018 10:26

Tgt Ion: 63 Resp: 262706

Ion Ratio Lower Upper

63 100

106 27.8 20.2 30.2

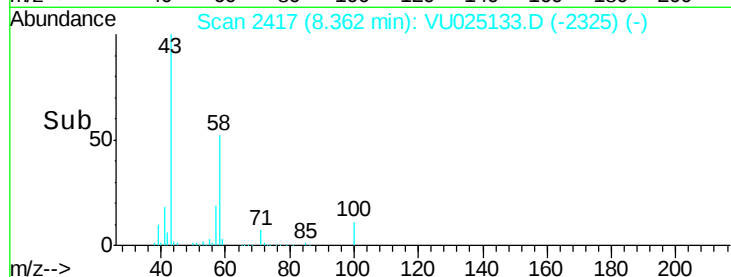
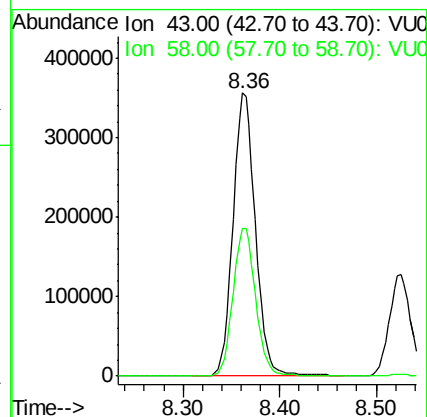
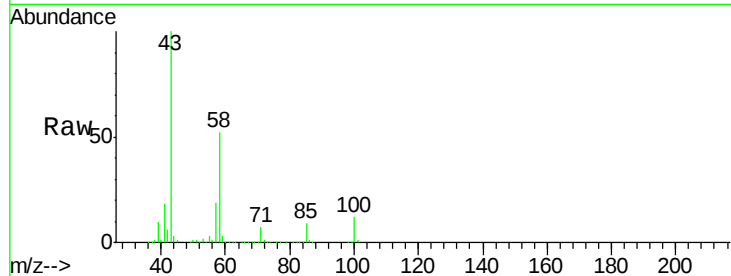




#59
2-Hexanone
Concen: 224.295 ug/l
RT: 8.36 min Scan# 2417
Delta R.T. -0.00 min
Lab File: VU025133.D
Acq: 02 Jul 2018 10:26

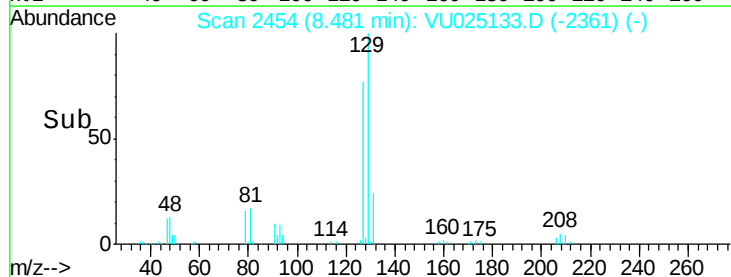
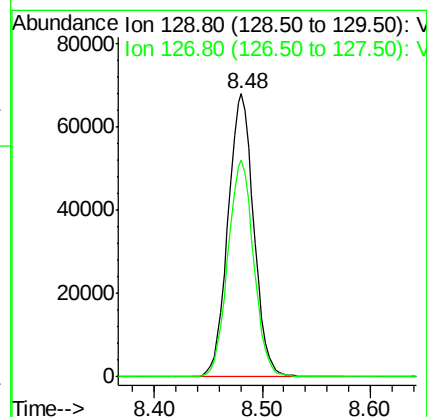
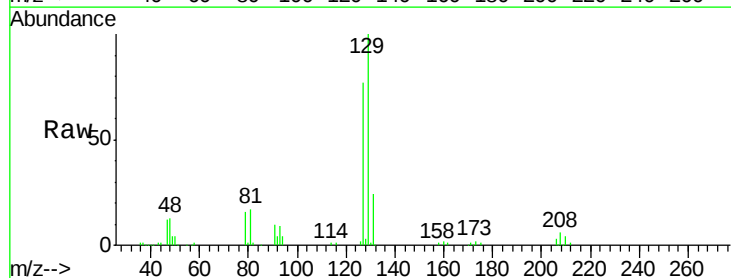
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 572456
Ion Ratio Lower Upper
43 100
58 53.1 26.4 79.0



#60
Dibromochloromethane
Concen: 46.082 ug/l
RT: 8.48 min Scan# 2454
Delta R.T. 0.00 min
Lab File: VU025133.D
Acq: 02 Jul 2018 10:26

Tgt Ion: 129 Resp: 113103
Ion Ratio Lower Upper
129 100
127 76.8 38.6 116.0





#61

1,2-Dibromoethane

Concen: 47.476 ug/l

RT: 8.59 min Scan# 2488

Delta R.T. 0.00 min

Lab File: VU025133.D

Acq: 02 Jul 2018 10:26

Instrument :

MSVOA_U

ClientSampleId :

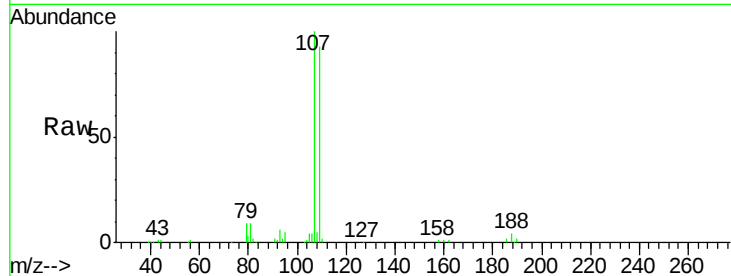
VSTDCCC050

Tot Ion:107 Resp: 104005

Ion Ratio Lower Upper

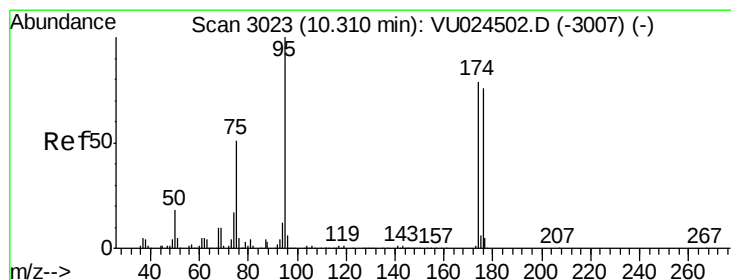
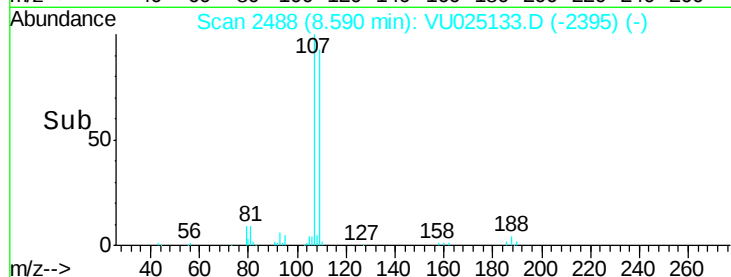
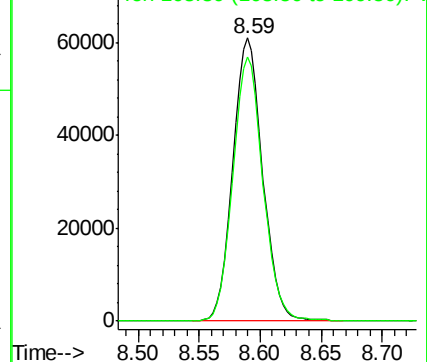
107 100

109 94.6 74.5 111.7



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 49.681 ug/l

RT: 10.31 min Scan# 3023

Delta R.T. 0.00 min

Lab File: VU025133.D

Acq: 02 Jul 2018 10:26

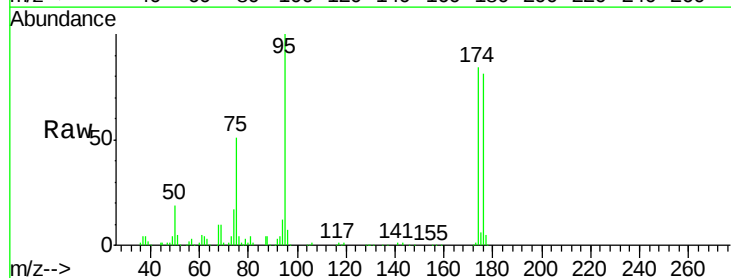
Tgt Ion: 95 Resp: 134217

Ion Ratio Lower Upper

95 100

174 84.8 0.0 165.8

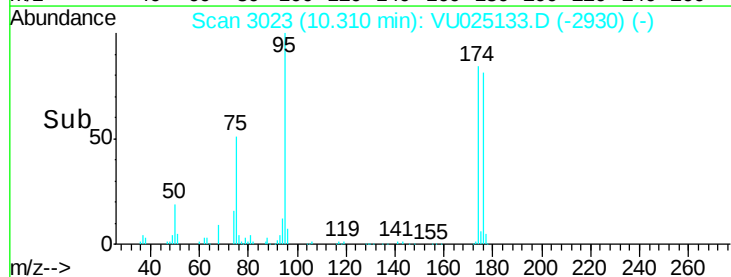
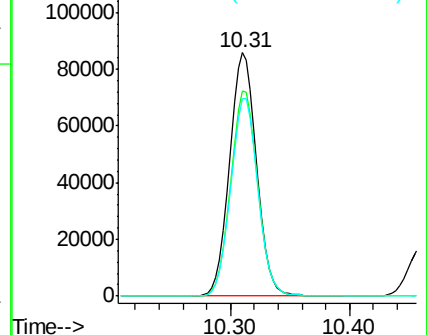
176 82.1 0.0 159.4

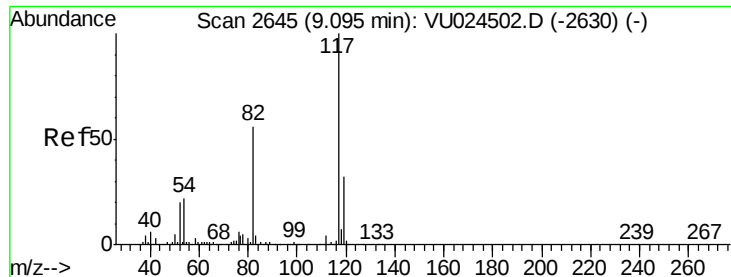


Abundance Ion 94.90 (94.60 to 95.60): VU0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

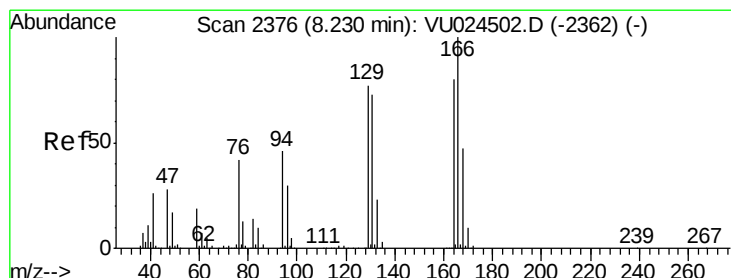
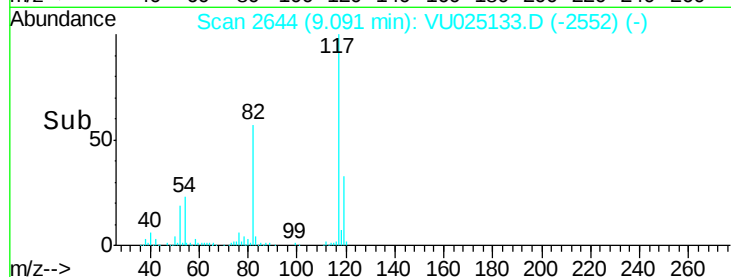
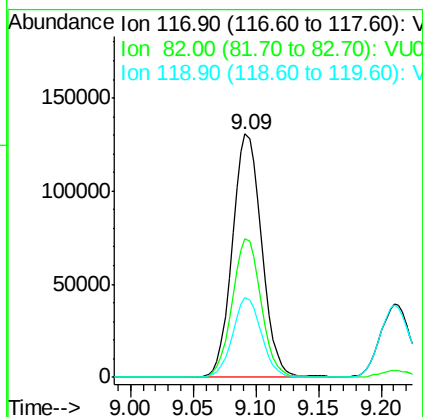
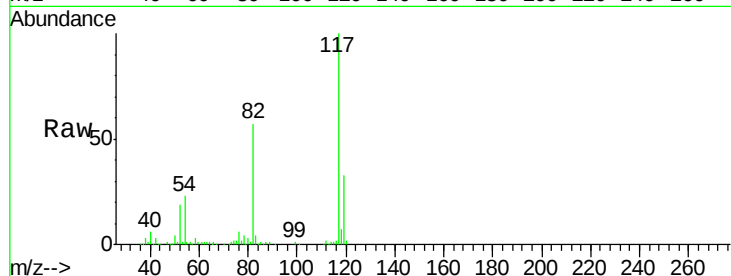




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2644
Delta R.T. -0.00 min
Lab File: VU025133.D
Acq: 02 Jul 2018 10:26

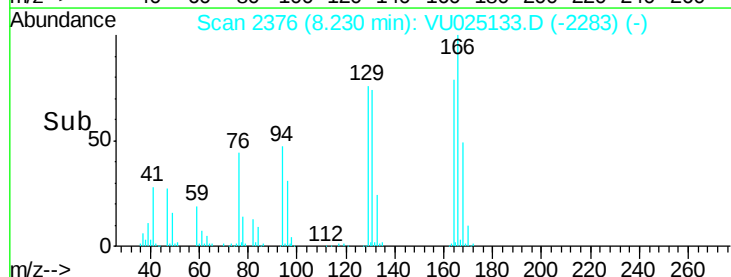
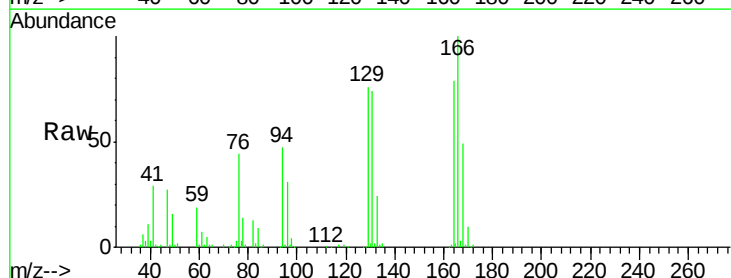
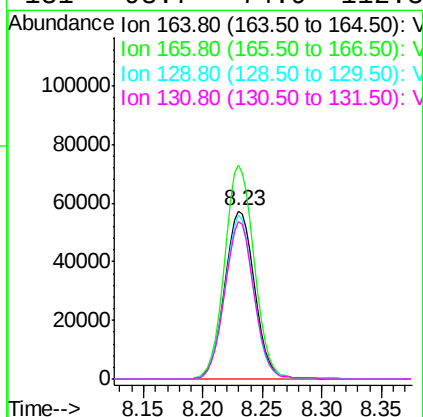
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	57.0	44.3	66.5
119	32.8	25.4	38.2



#64
Tetrachloroethene
Concen: 49.498 ug/l
RT: 8.23 min Scan# 2376
Delta R.T. 0.00 min
Lab File: VU025133.D
Acq: 02 Jul 2018 10:26

Tgt Ion	Ratio	Lower	Upper
164	100		
166	126.9	101.7	152.5
129	97.0	76.9	115.3
131	93.7	74.9	112.3

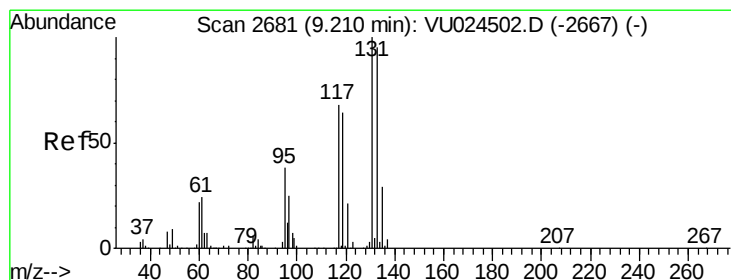
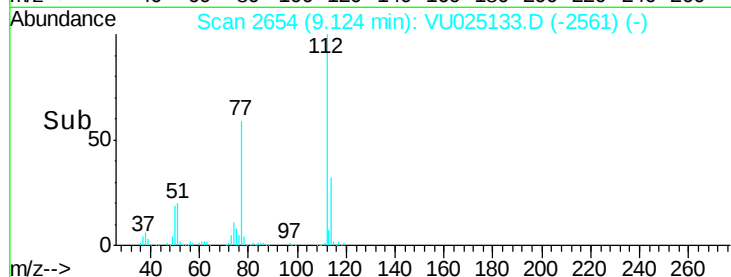
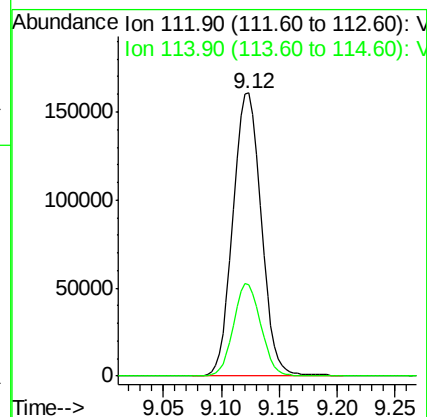
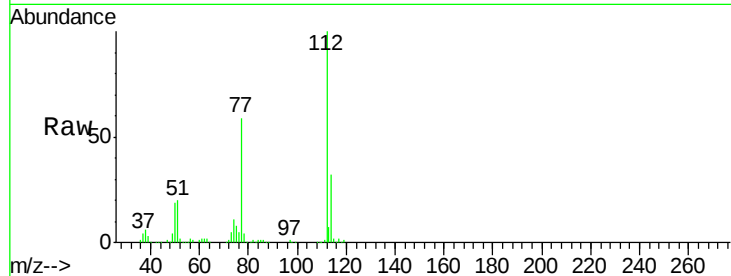




#65
Chlorobenzene
Concen: 50.032 ug/l
RT: 9.12 min Scan# 2654
Delta R.T. 0.00 min
Lab File: VU025133.D
Acq: 02 Jul 2018 10:26

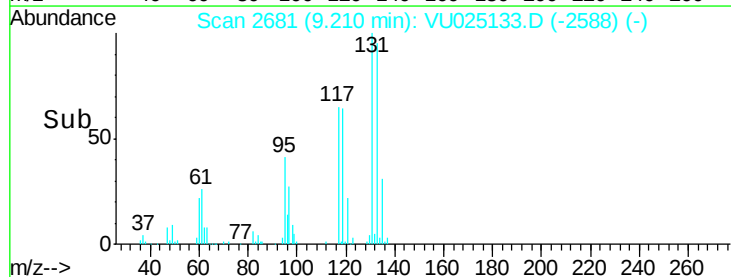
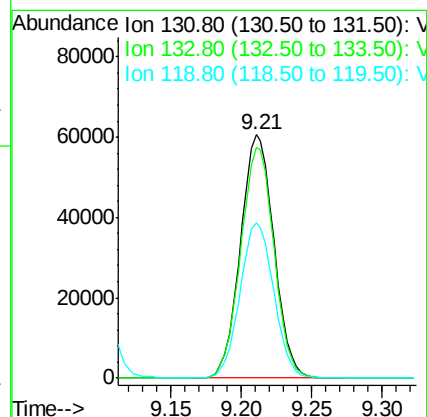
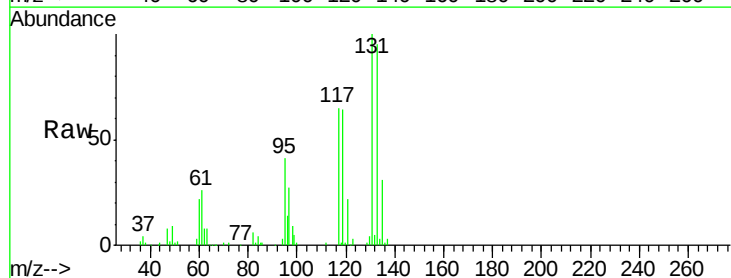
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

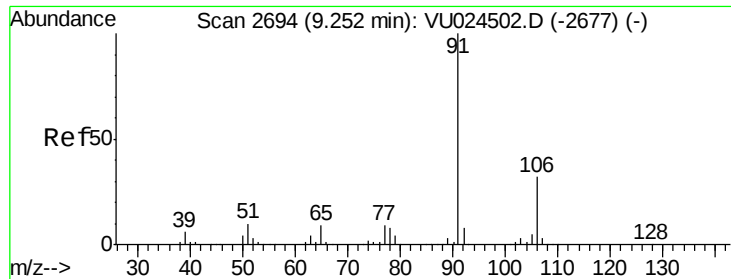
Tot Ion:112 Resp: 271293
Ion Ratio Lower Upper
112 100
114 32.3 25.6 38.4



#66
1,1,1,2-Tetrachloroethane
Concen: 48.974 ug/l
RT: 9.21 min Scan# 2681
Delta R.T. 0.00 min
Lab File: VU025133.D
Acq: 02 Jul 2018 10:26

Tgt Ion:131 Resp: 100891
Ion Ratio Lower Upper
131 100
133 94.6 46.9 140.8
119 64.4 33.5 100.4

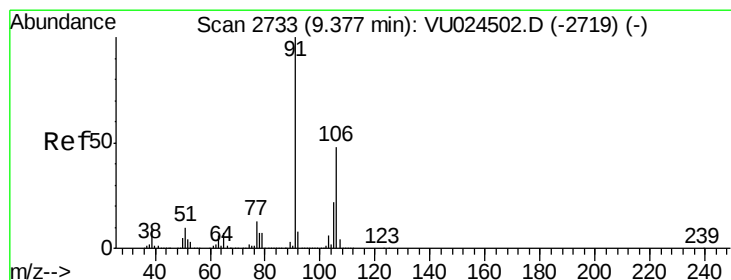
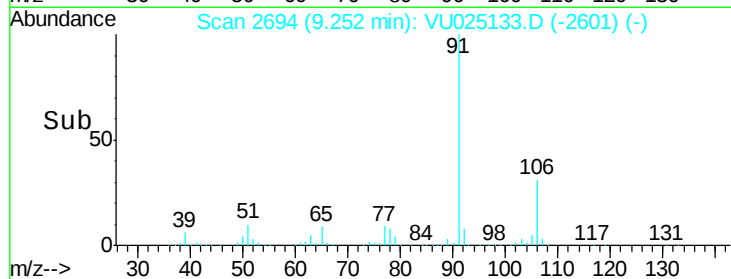
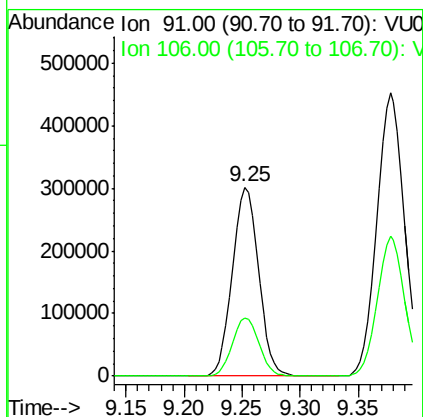
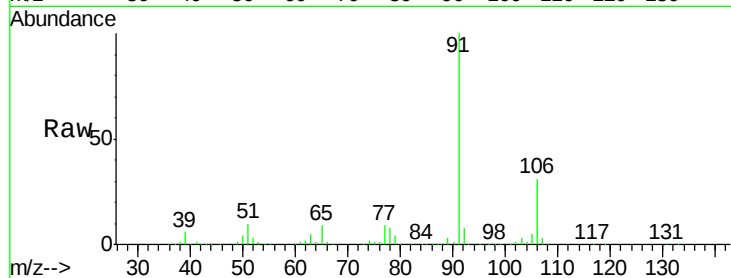




#67
Ethyl Benzene
Concen: 49.749 ug/l
RT: 9.25 min Scan# 2694
Delta R.T. 0.00 min
Lab File: VU025133.D
Acq: 02 Jul 2018 10:26

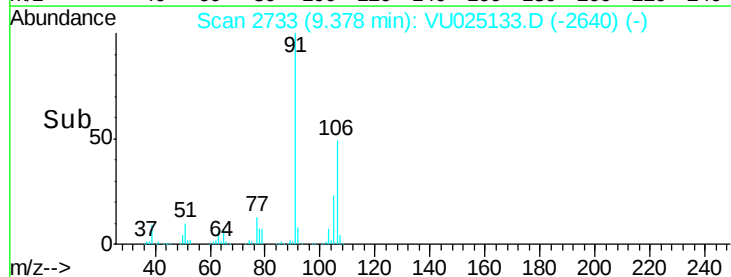
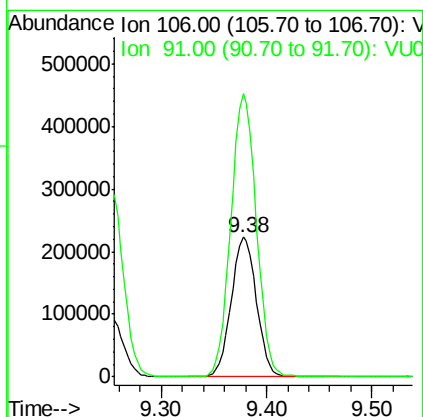
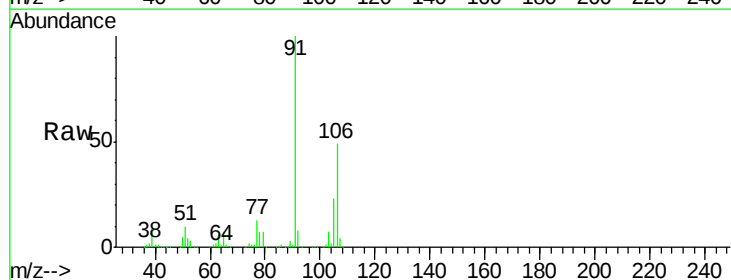
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

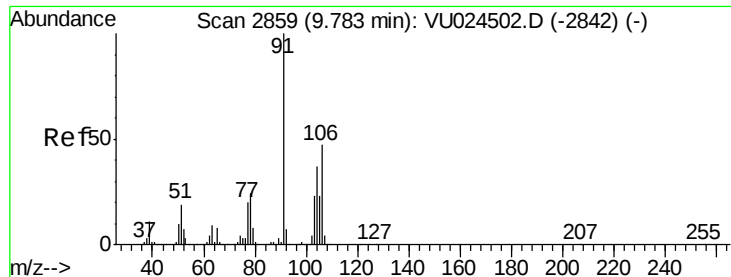
Tot Ion: 91 Resp: 472910
Ion Ratio Lower Upper
91 100
106 31.0 24.2 36.4



#68
m/p-Xylenes
Concen: 100.971 ug/l
RT: 9.38 min Scan# 2733
Delta R.T. 0.00 min
Lab File: VU025133.D
Acq: 02 Jul 2018 10:26

Tgt Ion: 106 Resp: 368568
Ion Ratio Lower Upper
106 100
91 204.2 166.5 249.7

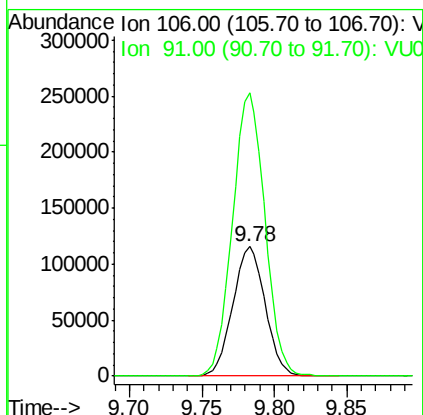
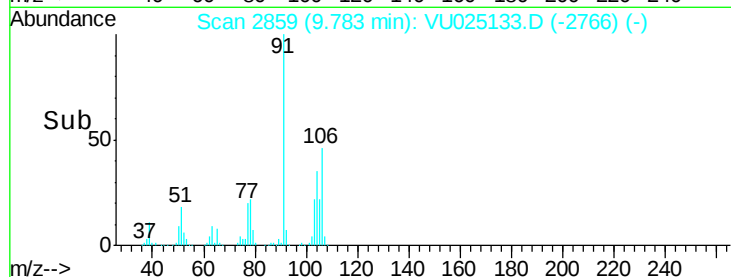
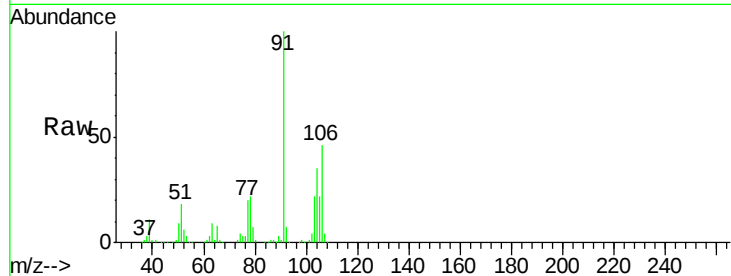




#69
o-Xylene
Concen: 49.683 ug/l
RT: 9.78 min Scan# 2859
Delta R.T. 0.00 min
Lab File: VU025133.D
Acq: 02 Jul 2018 10:26

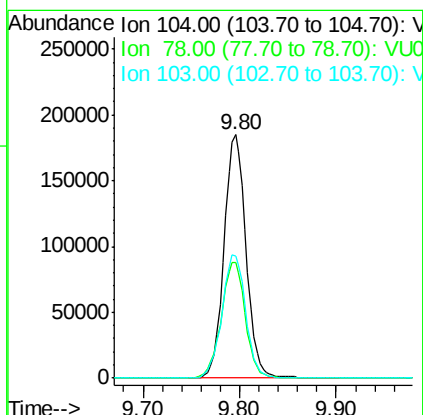
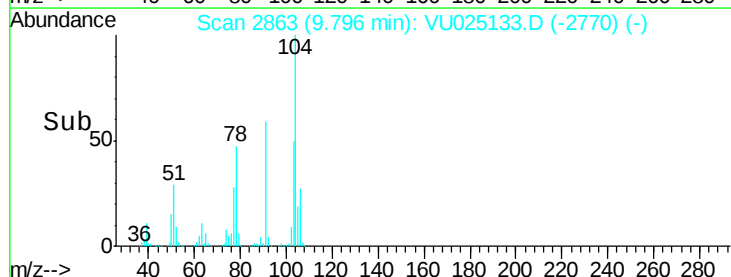
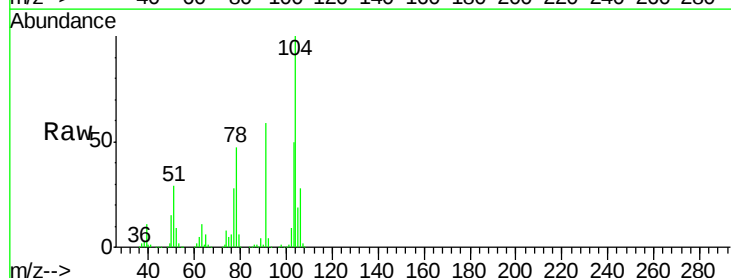
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

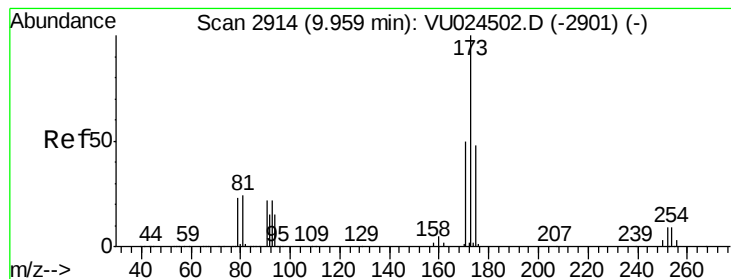
Tot Ion:106 Resp: 179480
Ion Ratio Lower Upper
106 100
91 218.4 110.7 331.9



#70
Styrene
Concen: 49.115 ug/l
RT: 9.80 min Scan# 2863
Delta R.T. 0.00 min
Lab File: VU025133.D
Acq: 02 Jul 2018 10:26

Tgt Ion:104 Resp: 291578
Ion Ratio Lower Upper
104 100
78 52.0 40.6 60.8
103 54.5 44.7 67.1





#71

Bromoform

Concen: 45.081 ug/l

RT: 9.96 min Scan# 2915

Delta R.T. 0.00 min

Lab File: VU025133.D

Acq: 02 Jul 2018 10:26

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

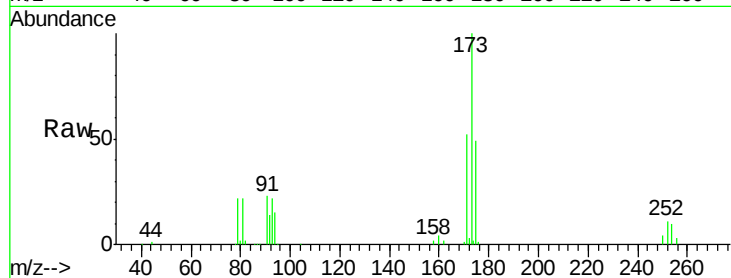
Tot Ion:173 Resp: 88272

Ion Ratio Lower Upper

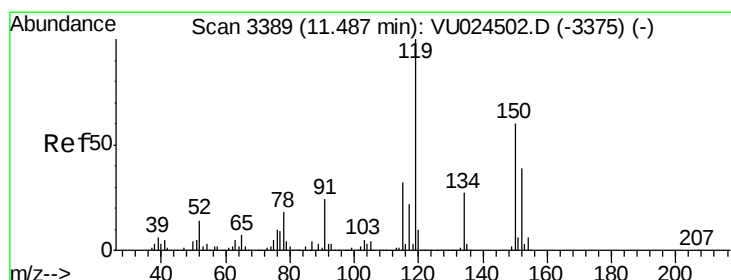
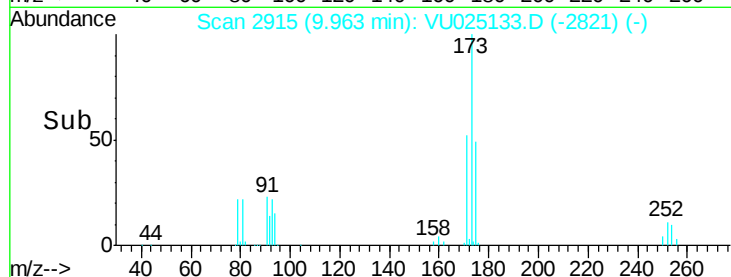
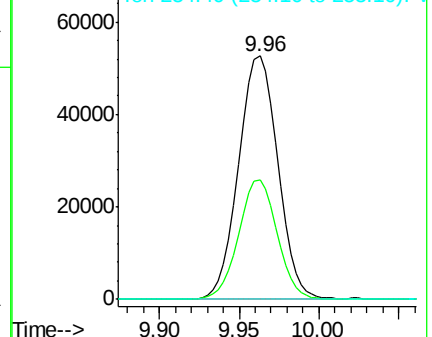
173 100

175 48.0 24.6 74.0

254 0.0 0.0 0.0



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.49 min Scan# 3389

Delta R.T. 0.00 min

Lab File: VU025133.D

Acq: 02 Jul 2018 10:26

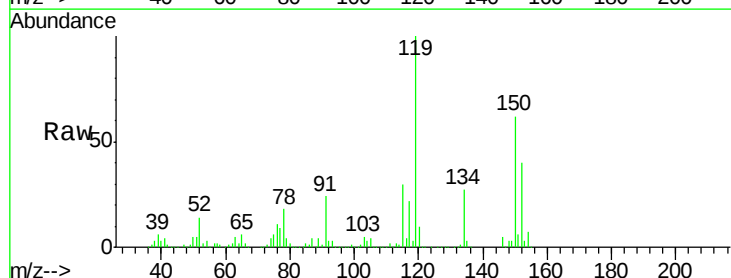
Tgt Ion:152 Resp: 131809

Ion Ratio Lower Upper

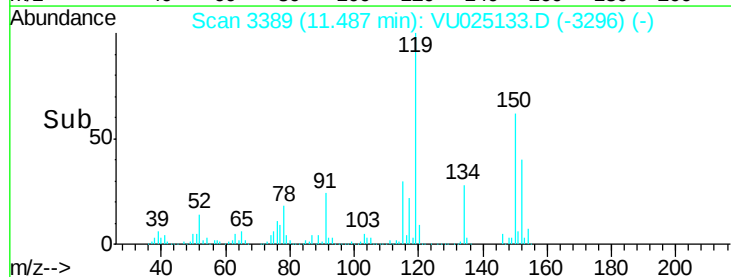
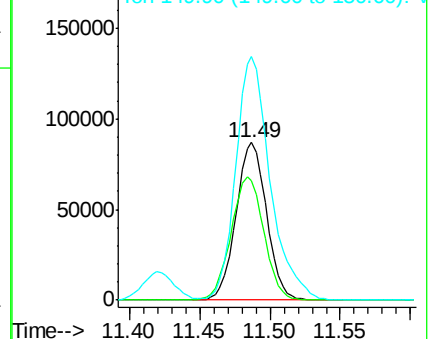
152 100

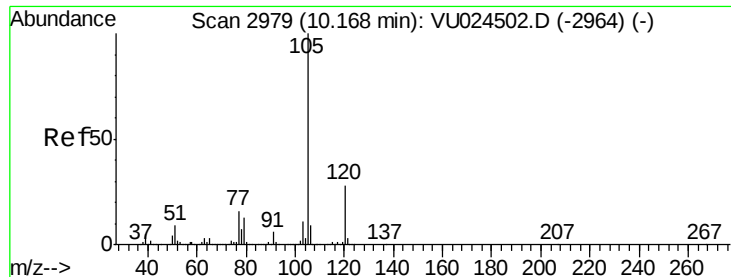
115 83.7 43.0 129.0

150 174.1 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: 48.755 ug/l

RT: 10.17 min Scan# 2979

Delta R.T. 0.00 min

Lab File: VU025133.D

Acq: 02 Jul 2018 10:26

Instrument :

MSVOA_U

ClientSampleId :

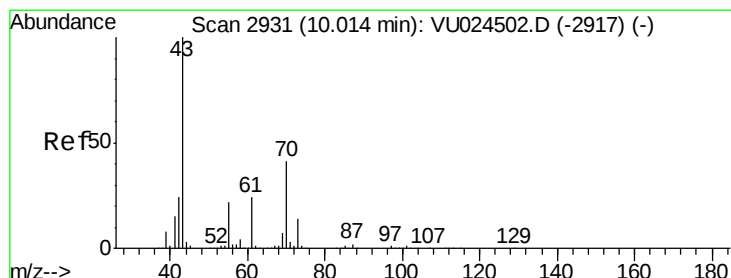
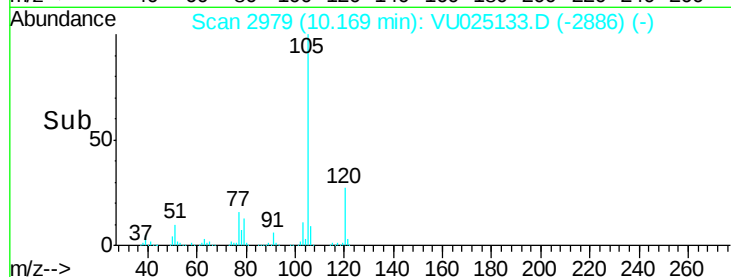
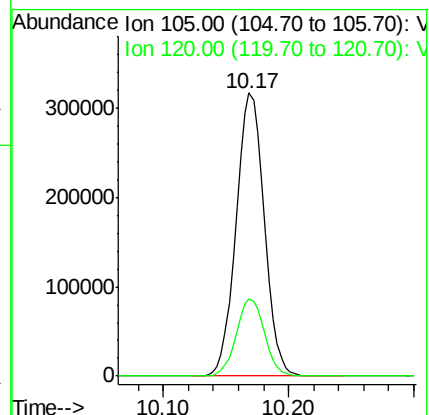
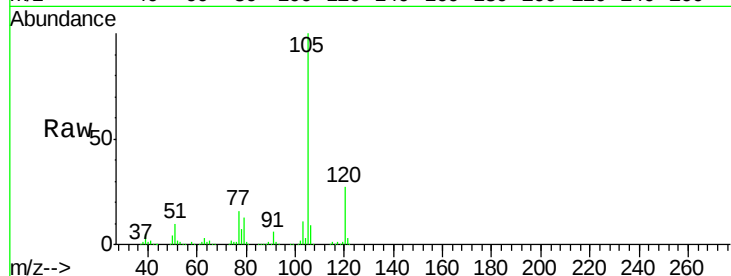
VSTDCCC050

Tot Ion:105 Resp: 493389

Ion Ratio Lower Upper

105 100

120 27.3 13.2 39.6



#74

N-ethyl acetate

Concen: 40.922 ug/l

RT: 10.01 min Scan# 2931

Delta R.T. 0.00 min

Lab File: VU025133.D

Acq: 02 Jul 2018 10:26

Tgt Ion: 43 Resp: 196975

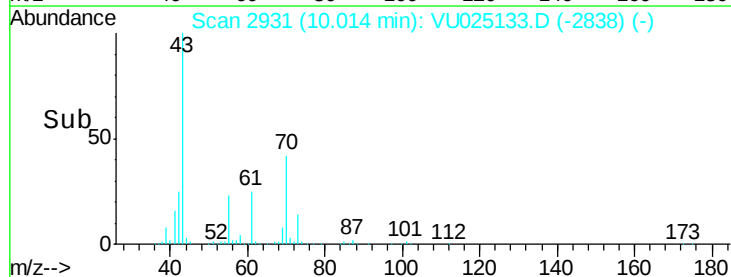
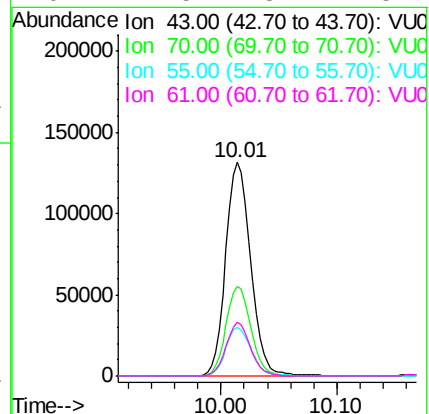
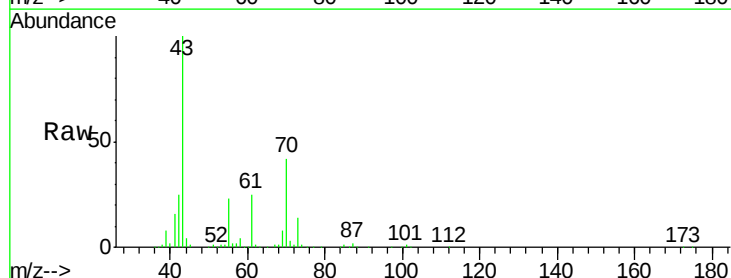
Ion Ratio Lower Upper

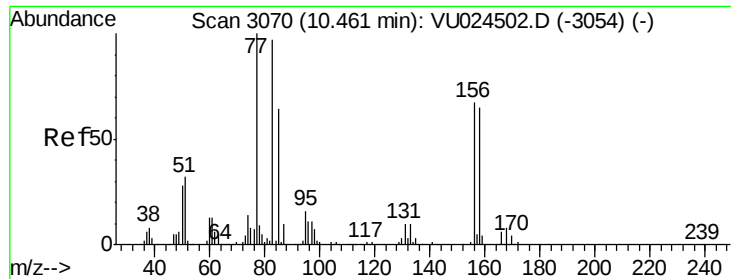
43 100

70 41.8 32.2 48.4

55 22.9 20.5 30.7

61 24.5 18.7 28.1





#75

1,1,2,2-Tetrachloroethane

Concen: 46.297 ug/l

RT: 10.46 min Scan# 3070

Delta R.T. 0.00 min

Lab File: VU025133.D

Acq: 02 Jul 2018 10:26

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

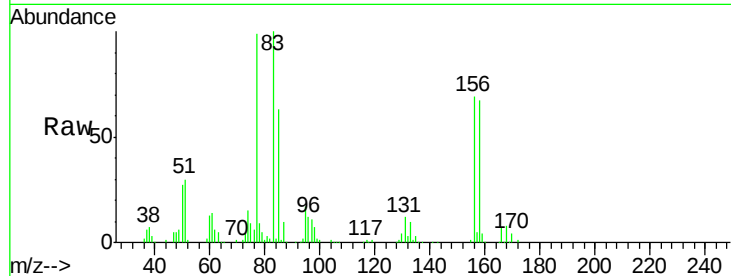
Tot Ion: 83 Resp: 157001

Ion Ratio Lower Upper

83 100

131 11.2 4.7 14.1

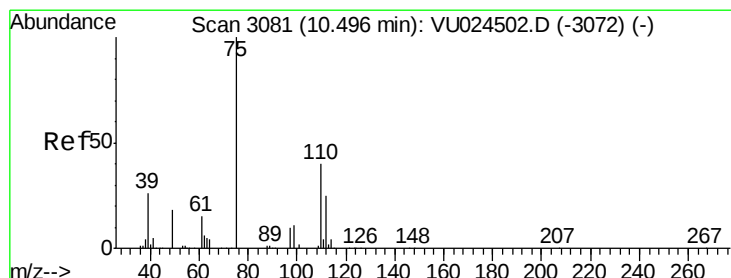
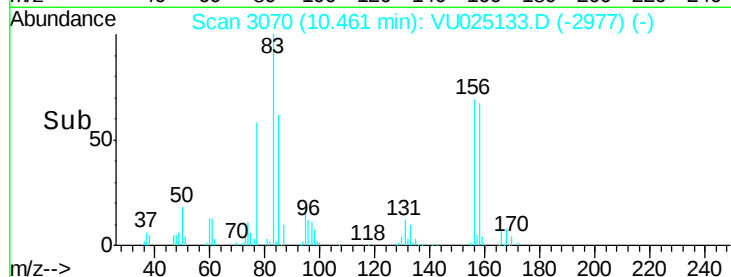
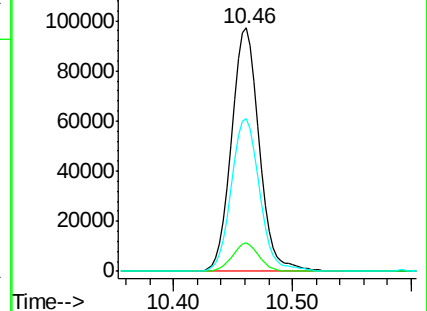
85 64.1 32.5 97.5



Abundance Ion 82.90 (82.60 to 83.60): VU025133.D (-2977) (-)

Ion 130.80 (130.50 to 131.50): VU025133.D (-2977) (-)

Ion 84.90 (84.60 to 85.60): VU025133.D (-2977) (-)



#76

1,2,3-Trichloropropane

Concen: 63.250 ug/l

RT: 10.50 min Scan# 3081

Delta R.T. 0.00 min

Lab File: VU025133.D

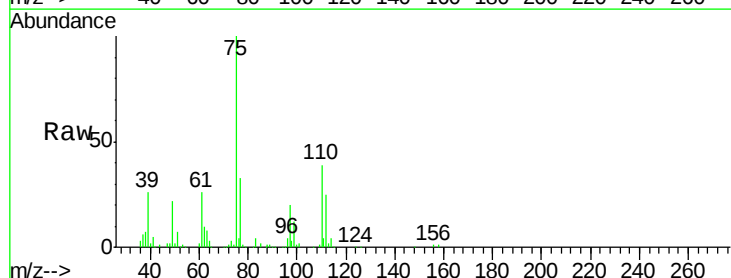
Acq: 02 Jul 2018 10:26

Tgt Ion: 75 Resp: 183550

Ion Ratio Lower Upper

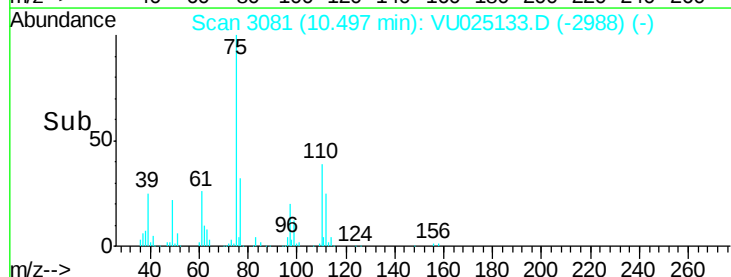
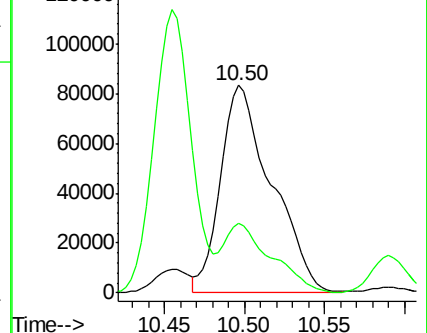
75 100

77 30.1 20.9 62.7



Abundance Ion 74.90 (74.60 to 75.60): VU025133.D (-2988) (-)

Ion 77.00 (76.70 to 77.70): VU025133.D (-2988) (-)

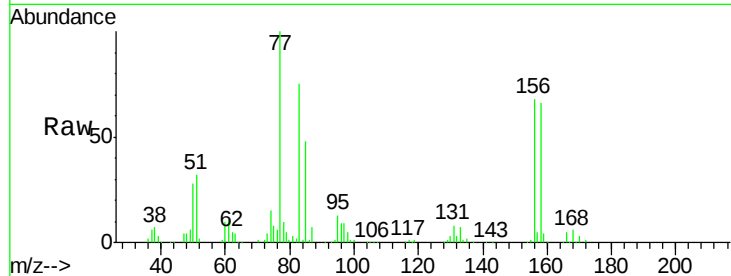




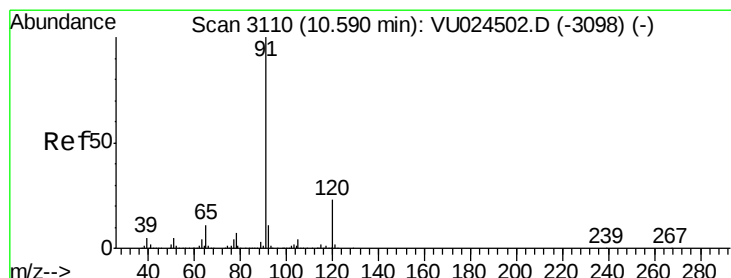
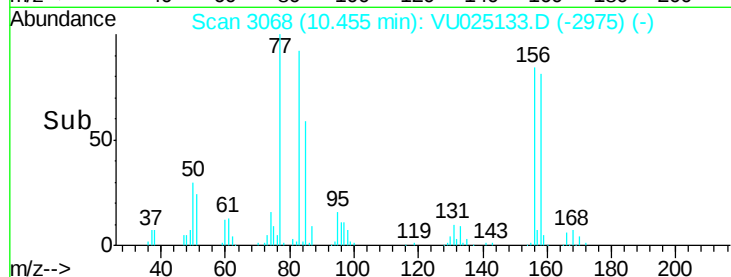
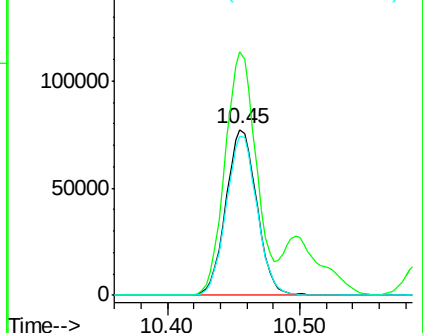
#77
Bromobenzene
Concen: 48.839 ug/l
RT: 10.45 min Scan# 3068
Delta R.T. 0.00 min
Lab File: VU025133.D
Acq: 02 Jul 2018 10:26

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tot Ion:156 Resp: 125122
Ion Ratio Lower Upper
156 100
77 147.7 80.5 241.3
158 96.1 48.2 144.6

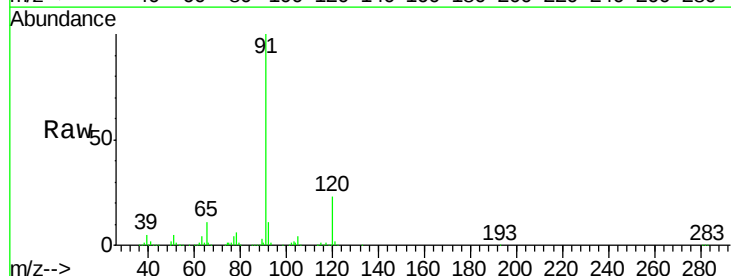


Abundance Ion 155.80 (155.50 to 156.50): V
Ion 77.00 (76.70 to 77.70): VU0
Ion 157.80 (157.50 to 158.50): V

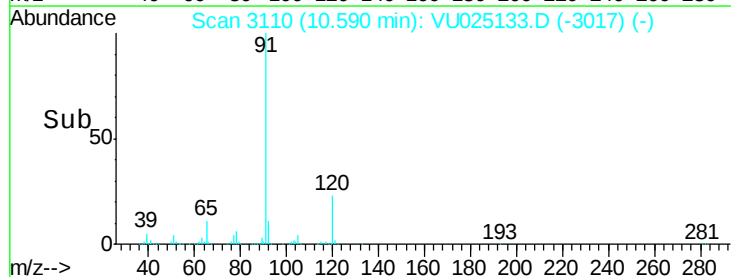
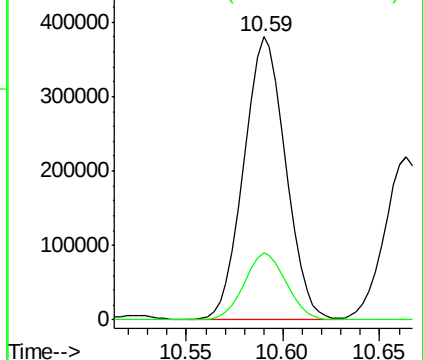


#78
n-propylbenzene
Concen: 48.030 ug/l
RT: 10.59 min Scan# 3110
Delta R.T. 0.00 min
Lab File: VU025133.D
Acq: 02 Jul 2018 10:26

Tgt Ion: 91 Resp: 572564
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: 47.775 ug/l

RT: 10.66 min Scan# 3133

Delta R.T. 0.00 min

Lab File: VU025133.D

Acq: 02 Jul 2018 10:26

Instrument :

MSVOA_U

ClientSampleId :

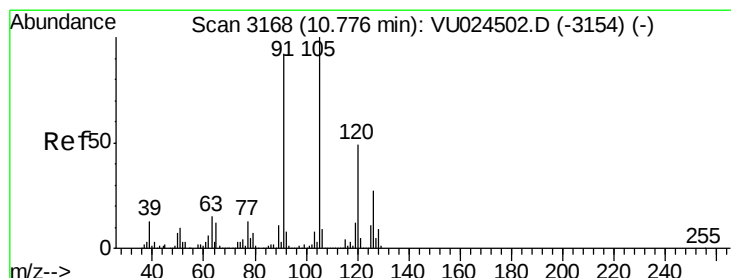
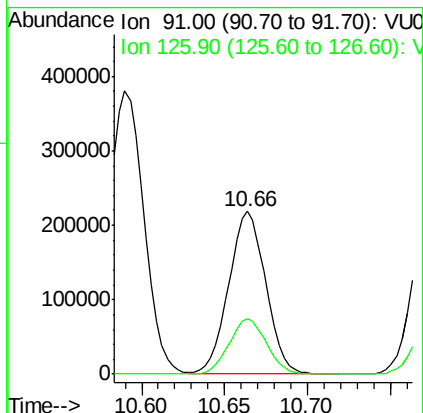
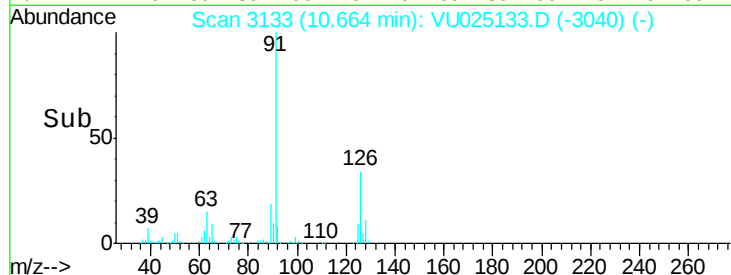
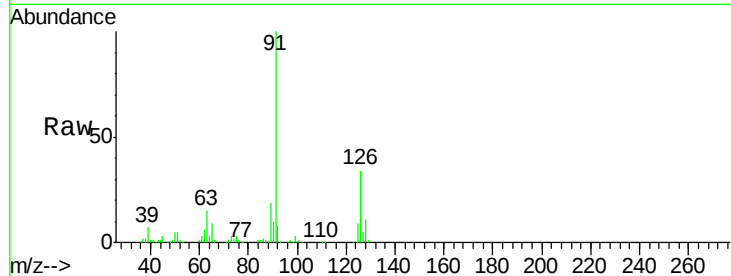
VSTDCCC050

Tot Ion: 91 Resp: 335860

Ion Ratio Lower Upper

91 100

126 34.8 16.9 50.7



#80

1,3,5-Trimethylbenzene

Concen: 49.082 ug/l

RT: 10.78 min Scan# 3168

Delta R.T. 0.00 min

Lab File: VU025133.D

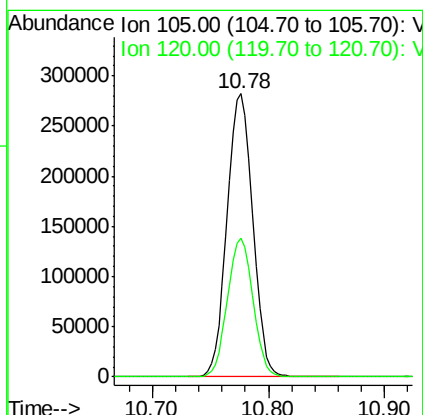
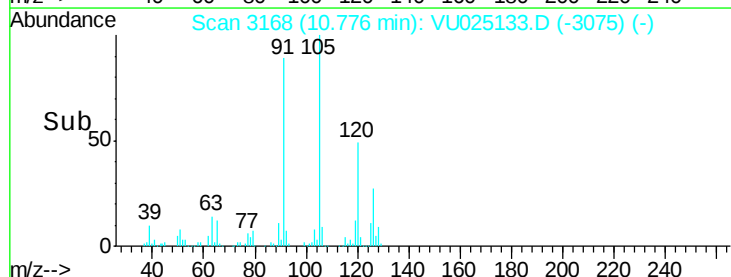
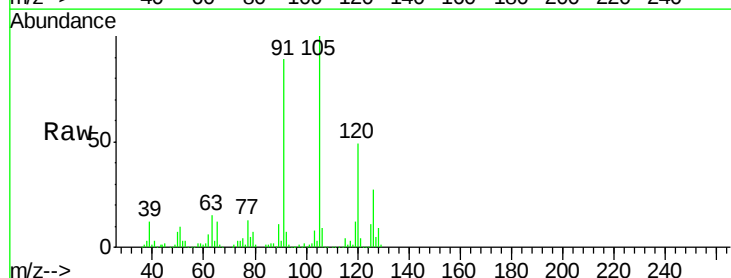
Acq: 02 Jul 2018 10:26

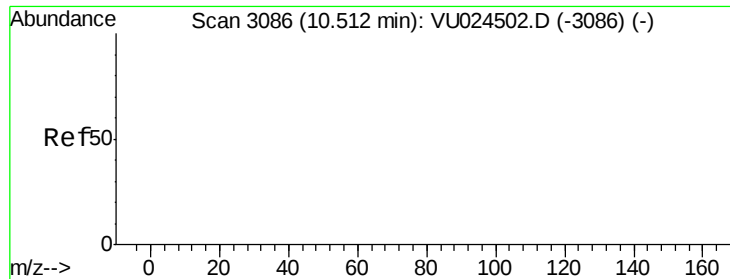
Tgt Ion: 105 Resp: 430509

Ion Ratio Lower Upper

105 100

120 48.5 24.1 72.2





#81

trans-1,4-Dichloro-2-butene

Concen: 146.388 ug/l

RT: 10.50 min Scan# 3081

Delta R.T. -0.02 min

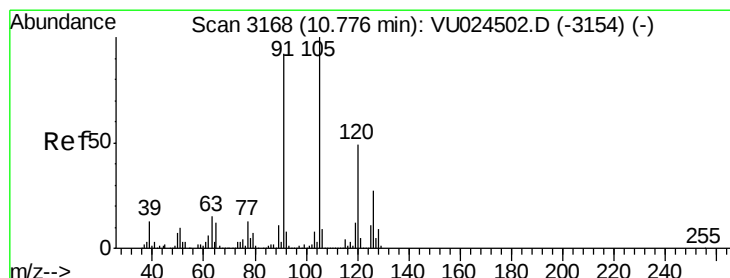
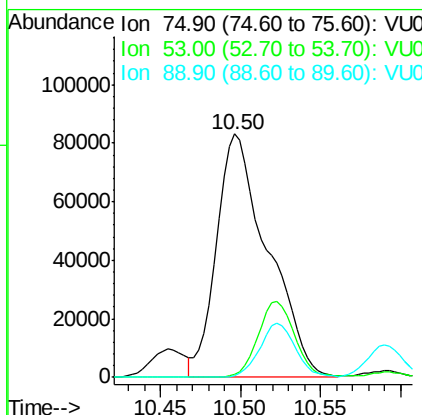
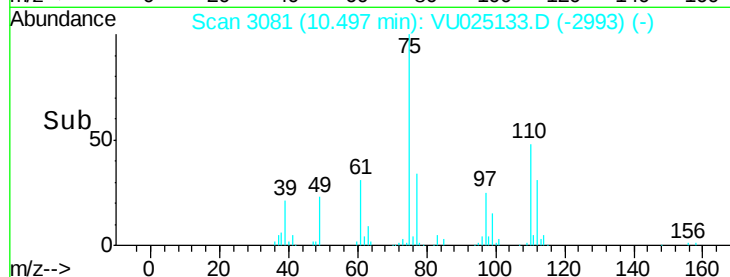
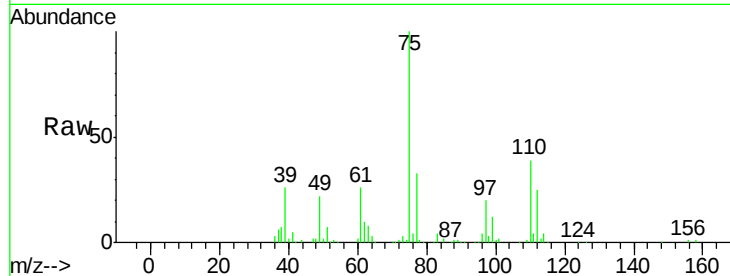
Lab File: VU025133.D

Acq: 02 Jul 2018 10:26

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tot Ion: 75 Resp: 183550

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



#82

4-Chlorotoluene

Concen: 47.926 ug/l

RT: 10.78 min Scan# 3168

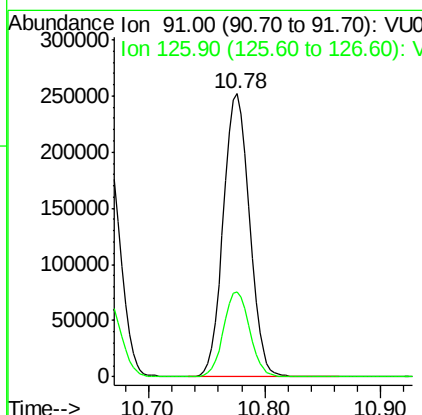
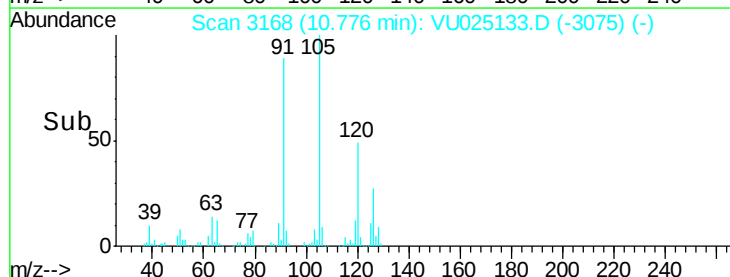
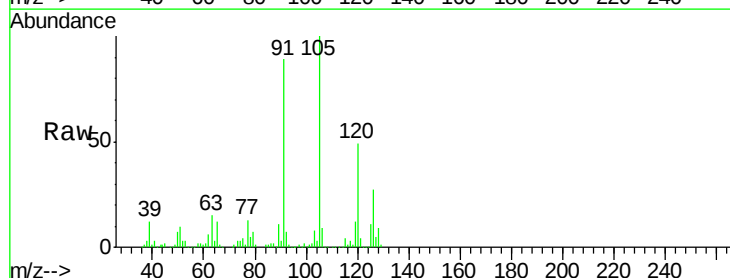
Delta R.T. 0.00 min

Lab File: VU025133.D

Acq: 02 Jul 2018 10:26

Tgt Ion: 91 Resp: 392140

Ion	Ratio	Lower	Upper
91	100		
126	30.1	14.9	44.9

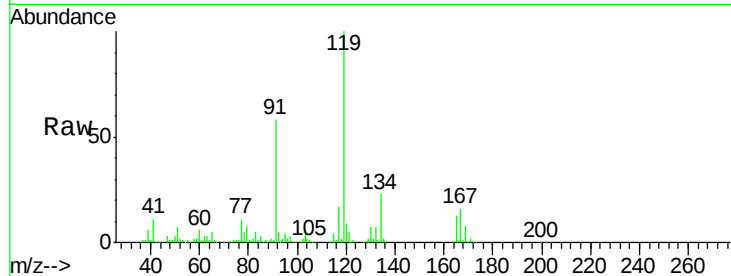




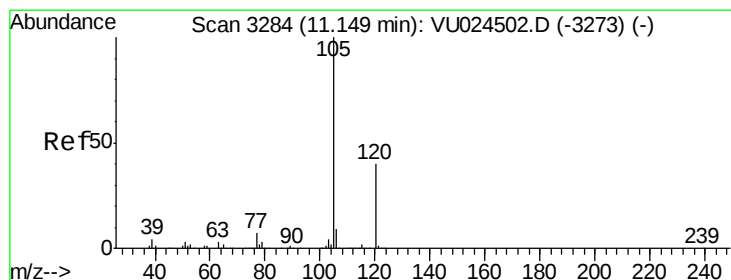
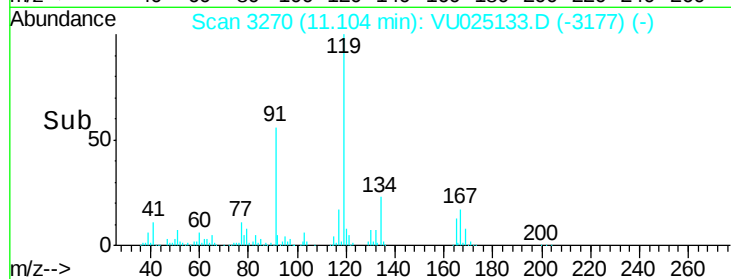
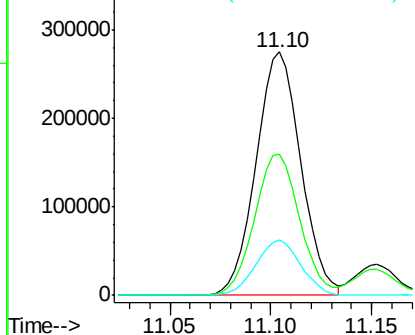
#83
 tert-Butylbenzene
 Concen: 50.506 ug/l
 RT: 11.10 min Scan# 3270
 Delta R.T. 0.00 min
 Lab File: VU025133.D
 Acq: 02 Jul 2018 10:26

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Tot Ion:119 Resp: 426134
 Ion Ratio Lower Upper
 119 100
 91 58.7 29.7 89.1
 134 22.9 11.6 34.7

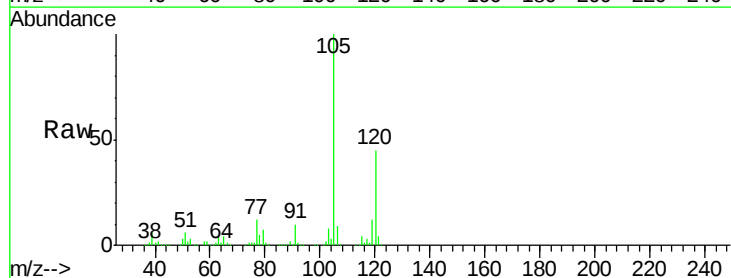


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): V
 Ion 134.00 (133.70 to 134.70): V

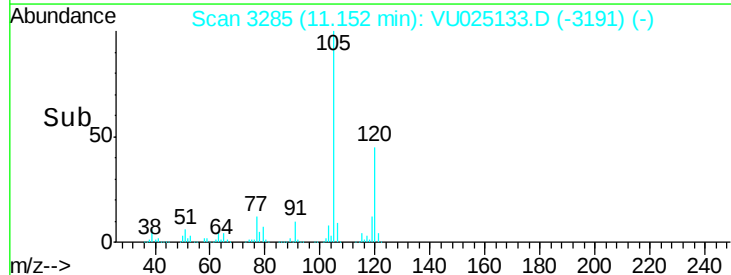
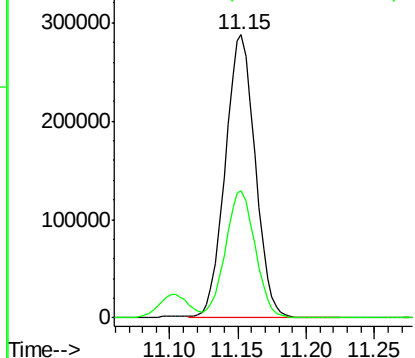


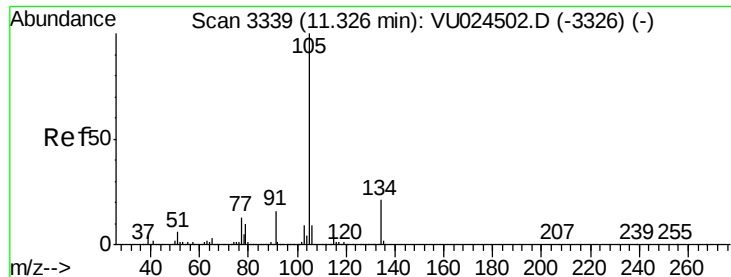
#84
 1,2,4-Trimethylbenzene
 Concen: 48.981 ug/l
 RT: 11.15 min Scan# 3285
 Delta R.T. 0.00 min
 Lab File: VU025133.D
 Acq: 02 Jul 2018 10:26

Tgt Ion:105 Resp: 437827
 Ion Ratio Lower Upper
 105 100
 120 44.9 22.6 67.8



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





#85

sec-Butylbenzene

Concen: 48.765 ug/l

RT: 11.33 min Scan# 3339

Delta R.T. 0.00 min

Lab File: VU025133.D

Acq: 02 Jul 2018 10:26

Instrument :

MSVOA_U

ClientSampleId :

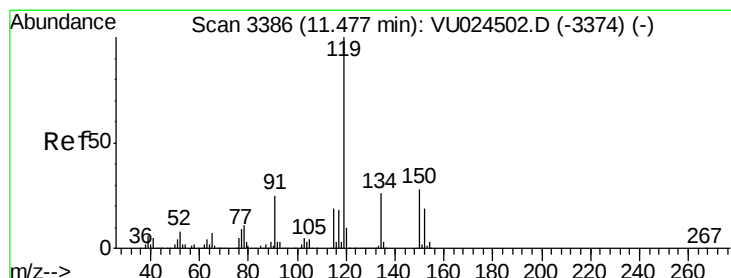
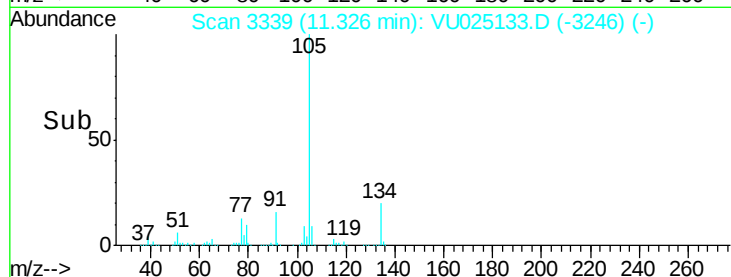
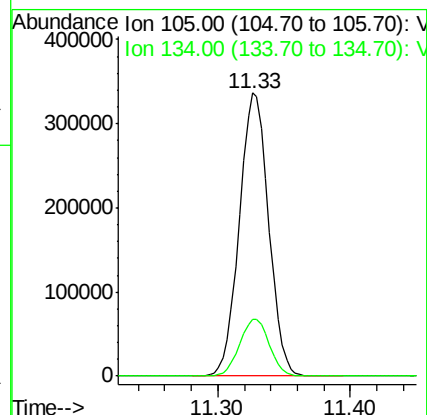
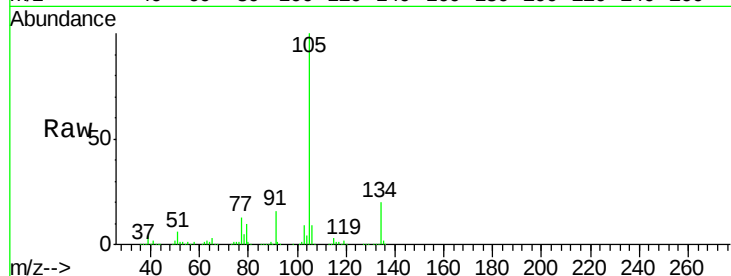
VSTDCCC050

Tot Ion:105 Resp: 515020

Ion Ratio Lower Upper

105 100

134 20.4 9.7 29.1



#86

p-Isopropyltoluene

Concen: 48.376 ug/l

RT: 11.48 min Scan# 3386

Delta R.T. 0.00 min

Lab File: VU025133.D

Acq: 02 Jul 2018 10:26

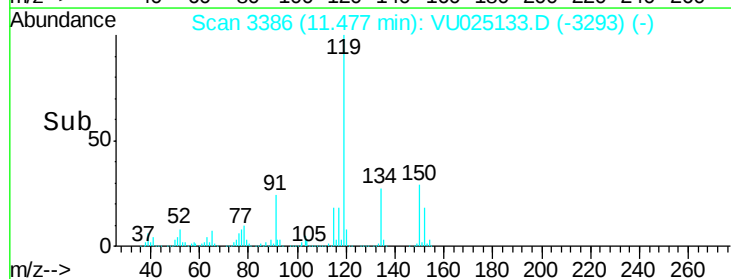
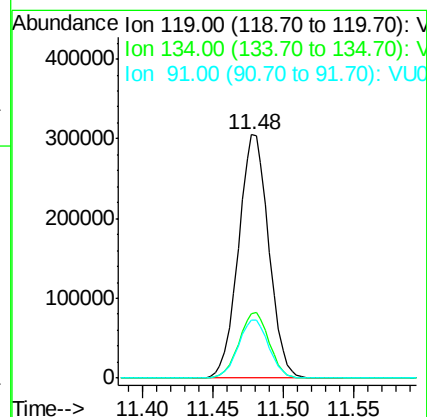
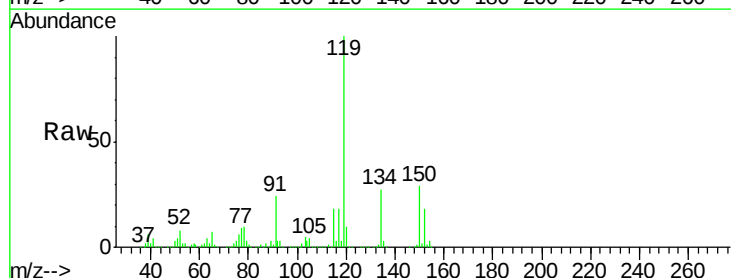
Tgt Ion:119 Resp: 457577

Ion Ratio Lower Upper

119 100

134 26.8 12.9 38.6

91 24.3 12.0 36.1

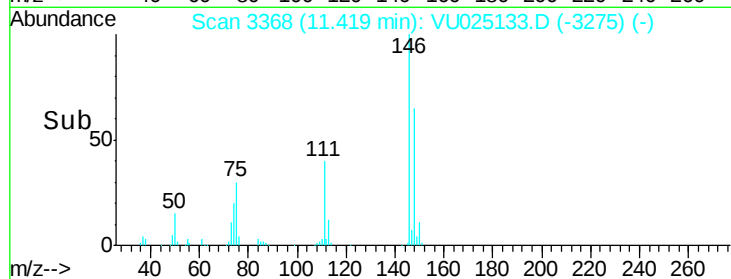
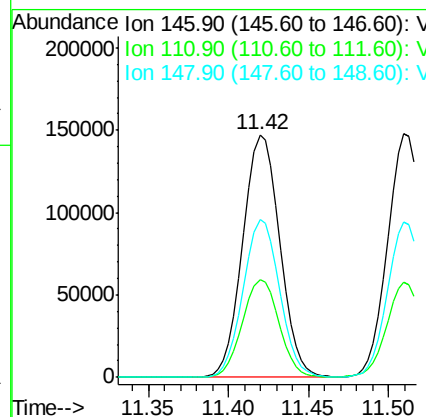
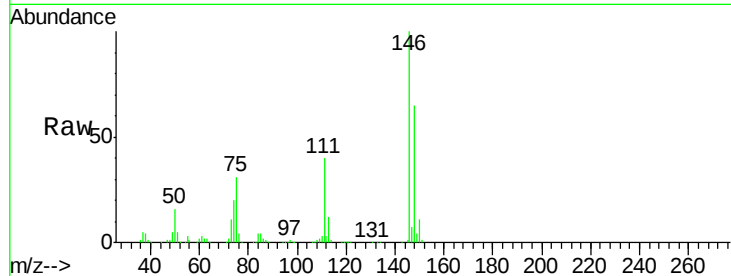




#87
 1,3-Dichlorobenzene
 Concen: 49.057 ug/l
 RT: 11.42 min Scan# 3368
 Delta R.T. 0.00 min
 Lab File: VU025133.D
 Acq: 02 Jul 2018 10:26

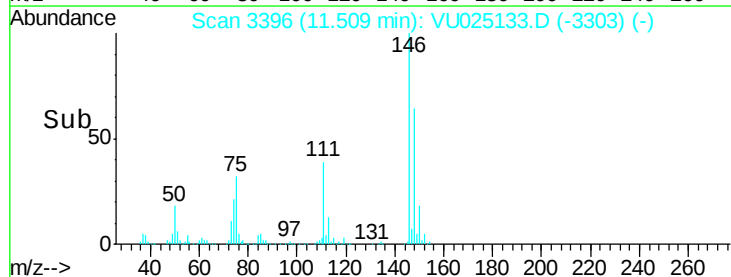
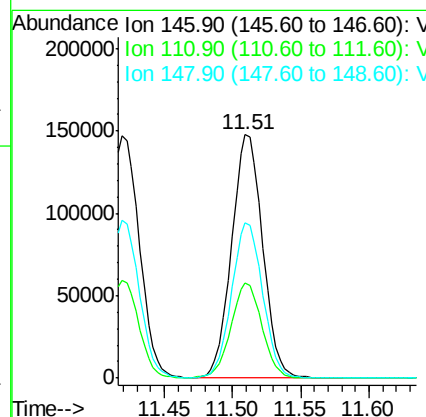
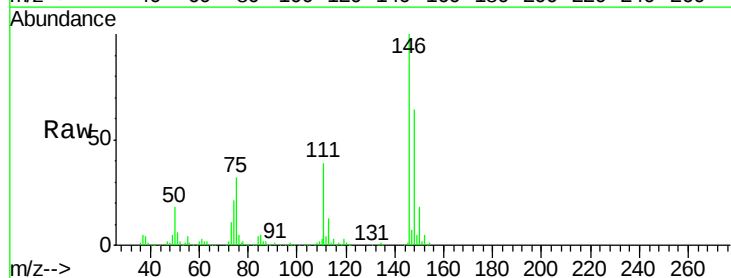
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

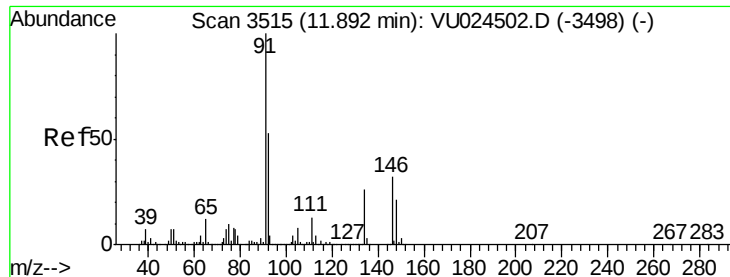
Tot Ion	Ratio	Lower	Upper
146	100		
111	39.9	20.0	60.0
148	64.2	32.1	96.5



#88
 1,4-Dichlorobenzene
 Concen: 48.888 ug/l
 RT: 11.51 min Scan# 3396
 Delta R.T. 0.00 min
 Lab File: VU025133.D
 Acq: 02 Jul 2018 10:26

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.3	19.5	58.5
148	64.0	32.4	97.0





#89

n-Butylbenzene

Concen: 46.407 ug/l

RT: 11.89 min Scan# 3515

Delta R.T. 0.00 min

Lab File: VU025133.D

Acq: 02 Jul 2018 10:26

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

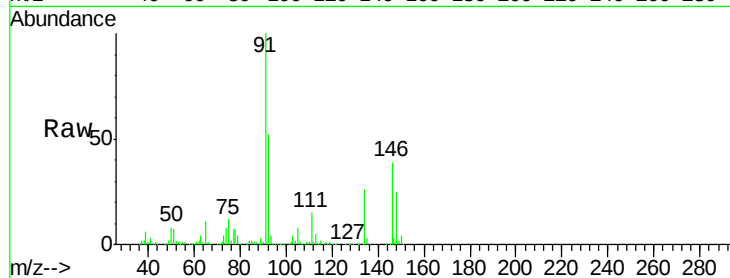
Tot Ion: 91 Resp: 389712

Ion Ratio Lower Upper

91 100

92 52.5 25.6 76.8

134 26.3 12.3 36.8

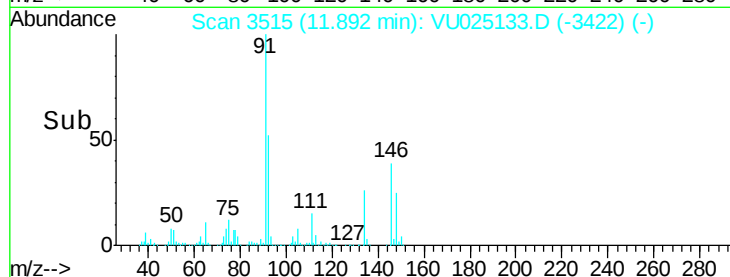


Abundance Ion 91.00 (90.70 to 91.70): VU024502.D (-3498) (-)

Ion 92.00 (91.70 to 92.70): VU024502.D (-3498) (-)

Ion 134.00 (133.70 to 134.70): VU024502.D (-3498) (-)

Time-->

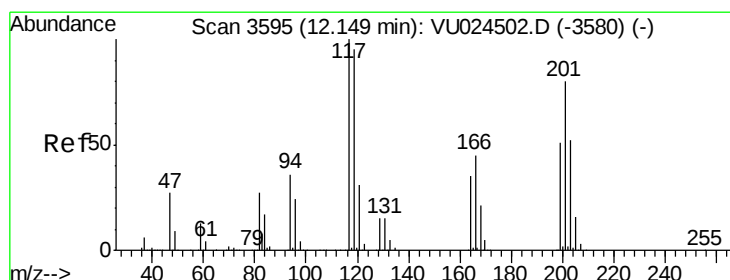


Abundance Ion 91.00 (90.70 to 91.70): VU025133.D (-3422) (-)

Ion 92.00 (91.70 to 92.70): VU025133.D (-3422) (-)

Ion 134.00 (133.70 to 134.70): VU025133.D (-3422) (-)

Time-->



#90

Hexachloroethane

Concen: 41.802 ug/l

RT: 12.15 min Scan# 3595

Delta R.T. 0.00 min

Lab File: VU025133.D

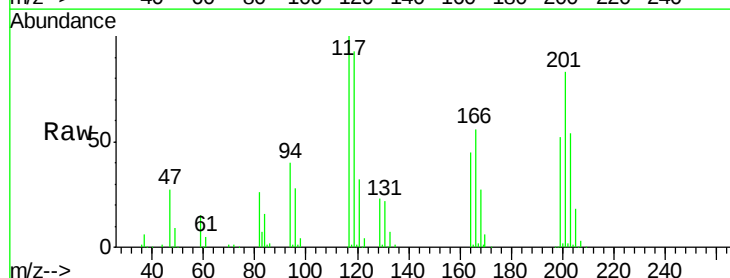
Acq: 02 Jul 2018 10:26

Tgt Ion: 117 Resp: 77132

Ion Ratio Lower Upper

117 100

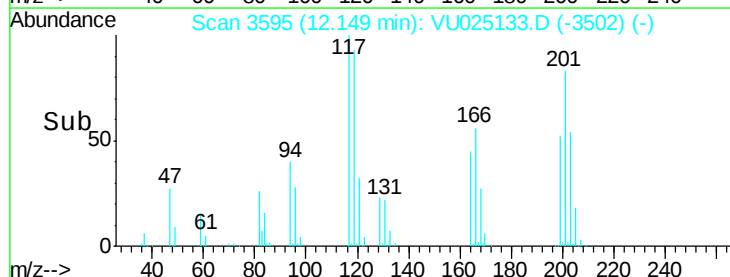
201 84.8 41.1 123.3



Abundance Ion 116.80 (116.50 to 117.50): VU024502.D (-3580) (-)

Ion 200.70 (200.40 to 201.40): VU024502.D (-3580) (-)

Time-->



Abundance Ion 116.80 (116.50 to 117.50): VU025133.D (-3502) (-)

Ion 200.70 (200.40 to 201.40): VU025133.D (-3502) (-)

Time-->



#91

1,2-Dichlorobenzene

Concen: 50.007 ug/l

RT: 11.88 min Scan# 3512

Delta R.T. 0.00 min

Lab File: VU025133.D

Acq: 02 Jul 2018 10:26

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

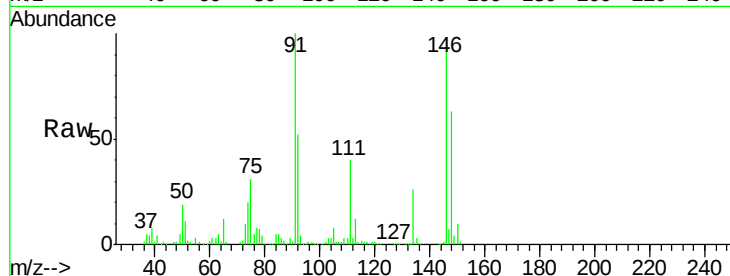
Tot Ion:146 Resp: 237080

Ion Ratio Lower Upper

146 100

111 41.0 20.5 61.6

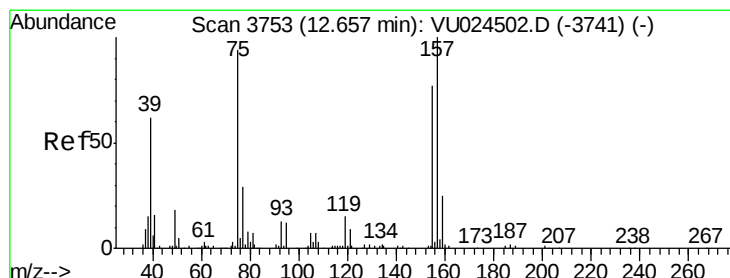
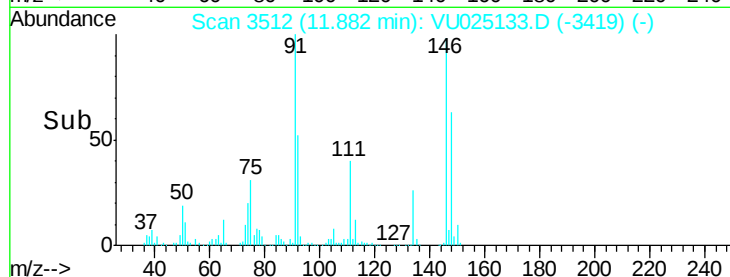
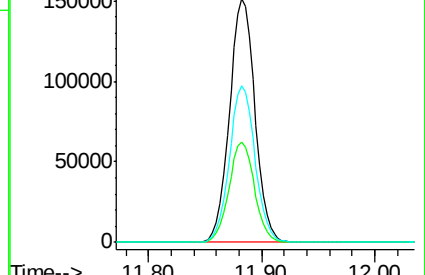
148 64.4 31.9 95.7



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: 44.452 ug/l

RT: 12.66 min Scan# 3754

Delta R.T. 0.00 min

Lab File: VU025133.D

Acq: 02 Jul 2018 10:26

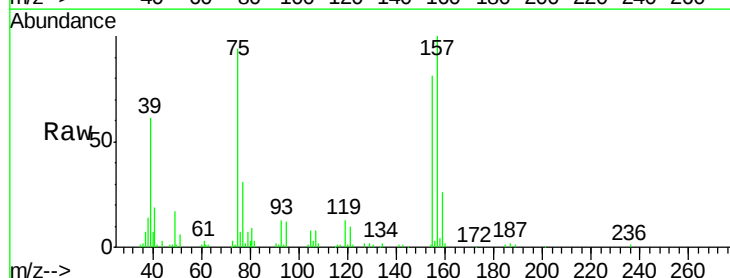
Tgt Ion: 75 Resp: 41595

Ion Ratio Lower Upper

75 100

155 85.0 40.4 121.2

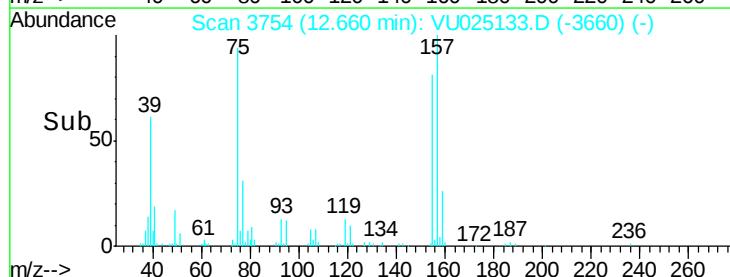
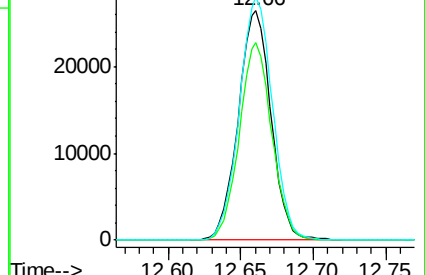
157 106.8 52.3 156.8



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

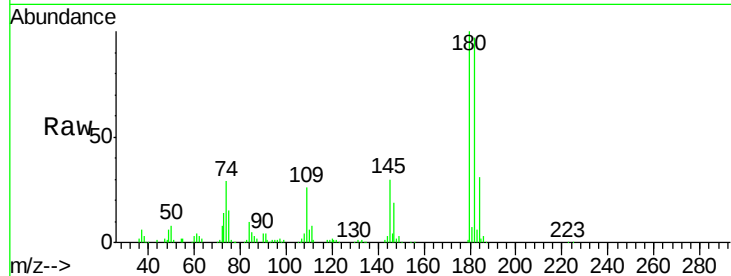




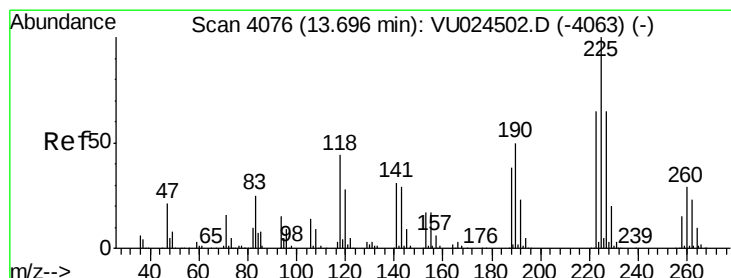
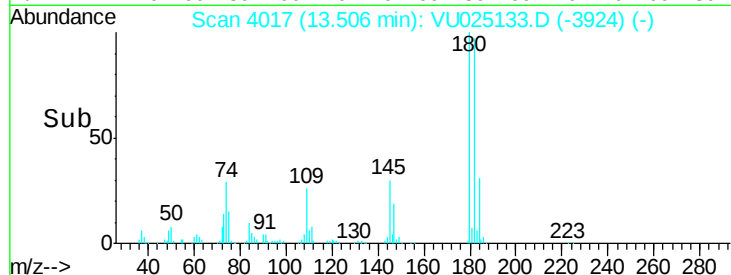
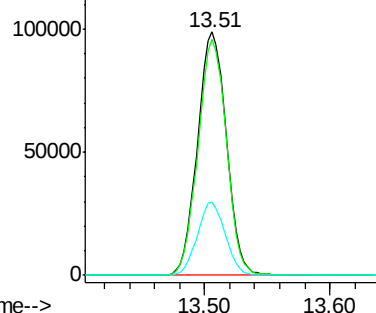
#93
 1,2,4-Trichlorobenzene
 Concen: 53.970 ug/l
 RT: 13.51 min Scan# 4017
 Delta R.T. 0.00 min
 Lab File: VU025133.D
 Acq: 02 Jul 2018 10:26

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.4	48.0	144.2
145	29.1	14.7	44.1

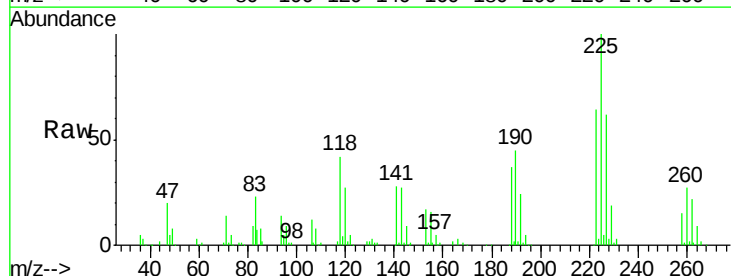


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

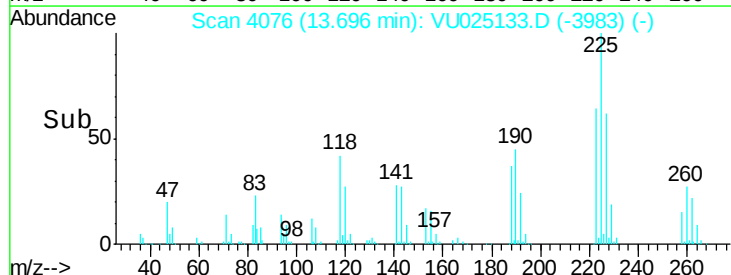
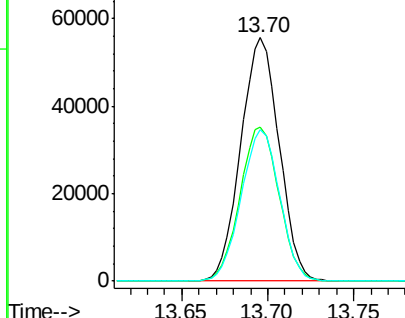


#94
 Hexachlorobutadiene
 Concen: 52.358 ug/l
 RT: 13.70 min Scan# 4076
 Delta R.T. 0.00 min
 Lab File: VU025133.D
 Acq: 02 Jul 2018 10:26

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.3	31.3	93.8
227	62.2	31.8	95.4



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





#95

Naphthalene

Concen: 48.527 ug/l

RT: 13.74 min Scan# 4091

Delta R.T. 0.00 min

Lab File: VU025133.D

Acq: 02 Jul 2018 10:26

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

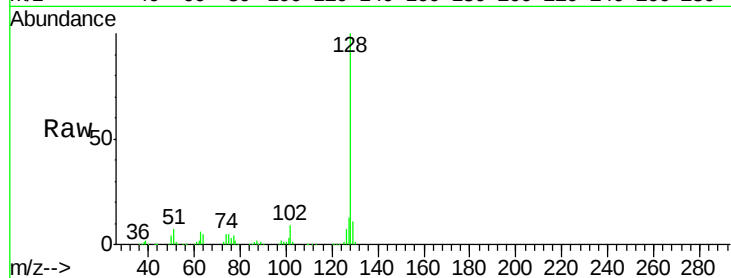
Tot Ion:128 Resp: 470122

Ion Ratio Lower Upper

128 100

127 12.8 10.6 16.0

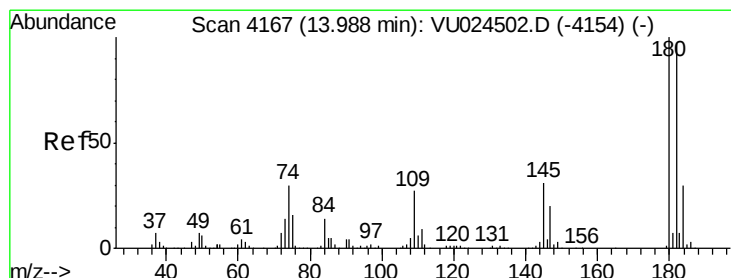
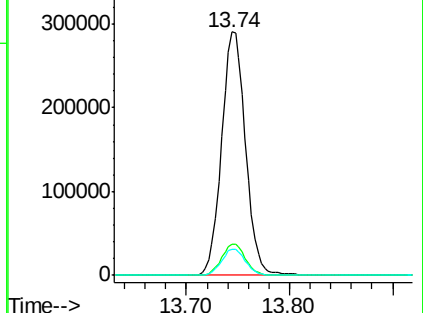
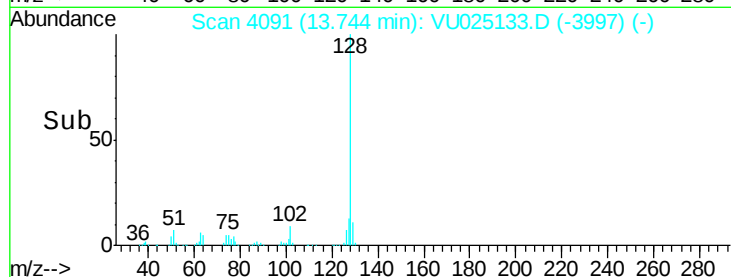
129 10.7 8.6 12.8



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: 55.057 ug/l

RT: 13.99 min Scan# 4167

Delta R.T. 0.00 min

Lab File: VU025133.D

Acq: 02 Jul 2018 10:26

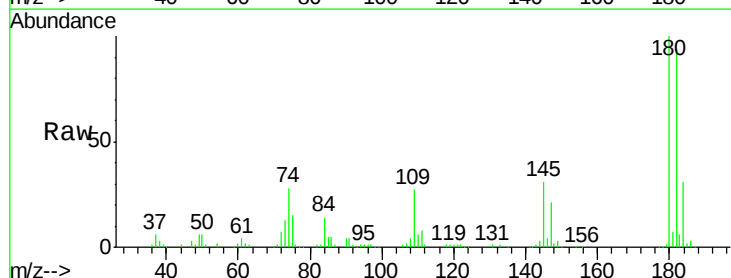
Tgt Ion:180 Resp: 160611

Ion Ratio Lower Upper

180 100

182 96.1 47.9 143.7

145 31.8 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

