

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU080118\
 Data File : VU025758.D
 Acq On : 31 Jul 2018 22:48
 Operator : MD/SY
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Aug 01 05:33:12 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U072718W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 31 16:07:47 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	182204	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	274732	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	267286	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	170096	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.31	65	141036	49.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.36%	
35) Dibromofluoromethane	4.89	113	117106	49.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.02%	
50) Toluene-d8	7.57	98	420436	50.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.56%	
62) 4-Bromofluorobenzene	10.31	95	166077	51.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.34%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	144152	52.35	ug/l	99
3) Chloromethane	1.33	50	117976	44.82	ug/l	100
4) Vinyl Chloride	1.40	62	122095	49.29	ug/l	99
5) Bromomethane	1.62	94	63432	52.43	ug/l	100
6) Chloroethane	1.69	64	69873	48.24	ug/l	99
7) Trichlorofluoromethane	1.88	101	179701	50.18	ug/l	99
8) Diethyl Ether	2.10	74	63230	48.80	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.28	101	104804	50.57	ug/l	99
10) Methyl Iodide	2.41	142	93860	48.80	ug/l	100
11) Tert butyl alcohol	2.83	59	140286	225.70	ug/l	100
12) 1,1-Dichloroethene	2.28	96	98742	50.47	ug/l	95
13) Acrolein	2.19	56	70090	311.88	ug/l	100
14) Allyl chloride	2.59	41	164982	46.93	ug/l	97
15) Acrylonitrile	2.94	53	310036	249.83	ug/l	99
16) Acetone	2.32	43	276563	199.81	ug/l	97
17) Carbon Disulfide	2.48	76	299207	47.26	ug/l	99
18) Methyl Acetate	2.62	43	190699	57.24	ug/l	99
19) Methyl tert-butyl Ether	3.00	73	363604	51.29	ug/l	99
20) Methylene Chloride	2.70	84	116117	47.34	ug/l	98
21) trans-1,2-Dichloroethene	2.98	96	110911	49.04	ug/l	99
22) Diisopropyl ether	3.57	45	355570	51.32	ug/l	94
23) Vinyl Acetate	3.53	43	1487034	246.29	ug/l	100
24) 1,1-Dichloroethane	3.45	63	209855	50.46	ug/l	99
25) 2-Butanone	4.26	43	439390	233.20	ug/l	100
26) 2,2-Dichloropropane	4.23	77	159201	42.12	ug/l	99
27) cis-1,2-Dichloroethene	4.23	96	125181	49.10	ug/l	98
28) Bromochloromethane	4.55	49	93856	50.48	ug/l	98
29) Tetrahydrofuran	4.64	42	276120	244.61	ug/l	99
30) Chloroform	4.68	83	218800	49.84	ug/l	100
31) Cyclohexane	5.00	56	179164	49.51	ug/l	98
32) 1,1,1-Trichloroethane	4.92	97	199924	50.59	ug/l	98
36) 1,1-Dichloropropene	5.14	75	161891	50.42	ug/l	99
37) Ethyl Acetate	4.38	43	163848	49.22	ug/l	99
38) Carbon Tetrachloride	5.14	117	181763	49.98	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.42	83	180044	48.94	ug/l	99
40) Benzene	5.39	78	464559	49.50	ug/l	98
41) Methacrylonitrile	4.54	41	93132	50.37	ug/l	99
42) 1,2-Dichloroethane	5.41	62	178329	49.35	ug/l	99
43) Isopropyl Acetate	5.55	43	271509	49.35	ug/l	99
44) Trichloroethene	6.19	130	131070	50.15	ug/l	99
45) 1,2-Dichloropropane	6.44	63	120548	49.25	ug/l	99
46) Dibromomethane	6.56	93	87603	49.40	ug/l	99
47) Bromodichloromethane	6.76	83	169538	50.11	ug/l	99
48) Methyl methacrylate	6.63	41	139419	51.71	ug/l	98
49) 1,4-Dioxane	6.62	88	60246	918.19	ug/l	96
51) 4-Methyl-2-Pentanone	7.46	43	863502	250.71	ug/l	100
52) Toluene	7.64	92	297222	50.98	ug/l	100
53) t-1,3-Dichloropropene	7.88	75	190226	50.08	ug/l	99
54) cis-1,3-Dichloropropene	7.27	75	198169	50.79	ug/l	96
55) 1,1,2-Trichloroethane	8.07	97	122025	50.36	ug/l	98
56) Ethyl methacrylate	8.02	69	179857	51.95	ug/l	97
57) 1,3-Dichloropropane	8.25	76	203199	49.87	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.13	63	356938	228.31	ug/l	99
59) 2-Hexanone	8.36	43	667431	247.21	ug/l	98
60) Dibromochloromethane	8.48	129	142693	49.94	ug/l	99
61) 1,2-Dibromoethane	8.59	107	134872	50.05	ug/l	100
64) Tetrachloroethene	8.23	164	119072	50.61	ug/l	97
65) Chlorobenzene	9.12	112	343600	49.86	ug/l	100
66) 1,1,1,2-Tetrachloroethane	9.21	131	128184	51.42	ug/l	99
67) Ethyl Benzene	9.25	91	581158	50.91	ug/l	100
68) m/p-Xylenes	9.38	106	459119	104.76	ug/l	98
69) o-Xylene	9.78	106	218828	51.09	ug/l	97
70) Styrene	9.80	104	365962	52.90	ug/l	98
71) Bromoform	9.96	173	113457	52.49	ug/l #	99
73) Isopropylbenzene	10.17	105	597149	51.44	ug/l	100
74) N-amyl acetate	10.01	43	243771	51.43	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.46	83	196962	49.06	ug/l	98
76) 1,2,3-Trichloropropane	10.50	75	231304	61.72	ug/l	85
77) Bromobenzene	10.45	156	162116	50.63	ug/l	98
78) n-propylbenzene	10.59	91	701811	51.79	ug/l	99
79) 2-Chlorotoluene	10.66	91	409962	51.65	ug/l	99
80) 1,3,5-Trimethylbenzene	10.78	105	515771	52.31	ug/l	99
81) trans-1,4-Dichloro-2-buten	10.50	75	231304	154.76	ug/l #	100
82) 4-Chlorotoluene	10.77	91	487418	52.10	ug/l	99
83) tert-Butylbenzene	11.10	119	500244	51.07	ug/l	98
84) 1,2,4-Trimethylbenzene	11.15	105	523544	52.40	ug/l	98
85) sec-Butylbenzene	11.33	105	613011	51.25	ug/l	100
86) p-Isopropyltoluene	11.48	119	554754	51.80	ug/l	99
87) 1,3-Dichlorobenzene	11.42	146	300441	50.55	ug/l	100
88) 1,4-Dichlorobenzene	11.51	146	304530	49.15	ug/l	99
89) n-Butylbenzene	11.89	91	495193	50.11	ug/l	100
90) Hexachloroethane	12.15	117	92415	48.53	ug/l	99
91) 1,2-Dichlorobenzene	11.88	146	297127	51.00	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.66	75	48156	50.60	ug/l	98

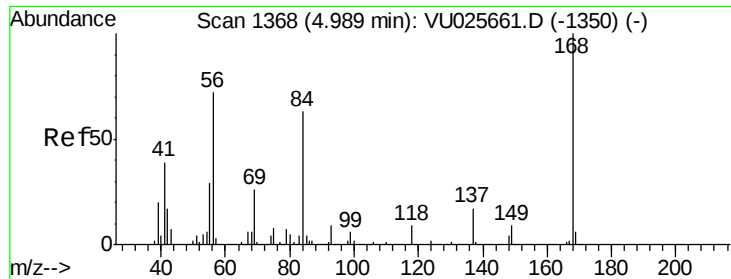
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.51	180	207898	52.87	ug/l	98
94) Hexachlorobutadiene	13.70	225	93904	45.30	ug/l	99
95) Naphthalene	13.74	128	634270	50.21	ug/l	99
96) 1,2,3-Trichlorobenzene	13.99	180	207642	52.94	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 4.99 min Scan# 1367

Delta R.T. -0.00 min

Lab File: VU025758.D

Acq: 31 Jul 2018 22:48

Instrument :

MSVOA_U

ClientSampleId :

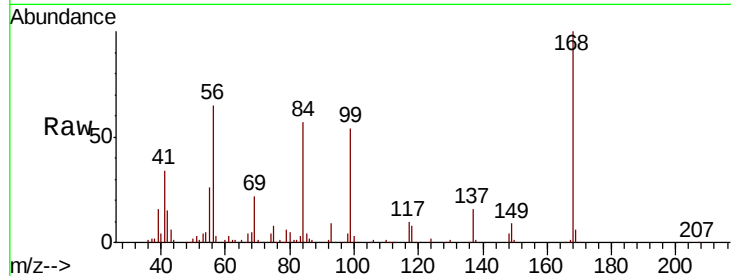
VSTDCCC050EC

Tot Ion:168 Resp: 182204

Ion Ratio Lower Upper

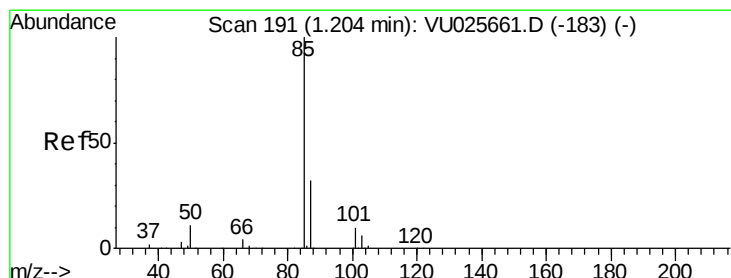
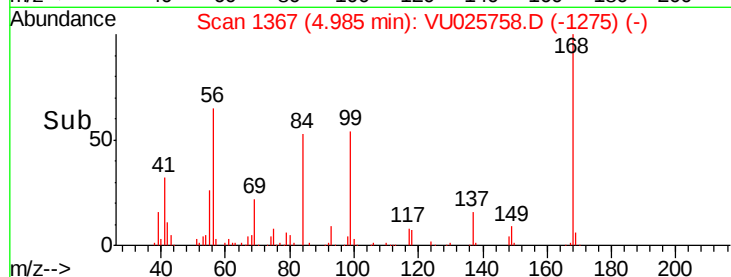
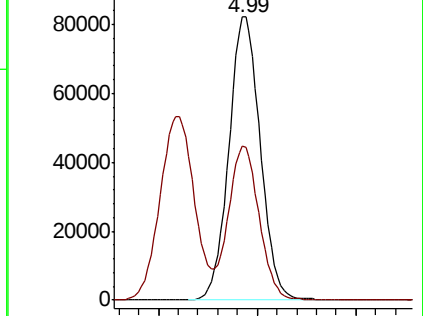
168 100

99 54.4 42.8 64.2



Abundance Ion 167.90 (167.60 to 168.60): VU025661.D (-1350) (-)

Ion 98.90 (98.60 to 99.60): VU025661.D (-1350) (-)



#2

Dichlorodifluoromethane

Concen: 52.35 ug/l

RT: 1.20 min Scan# 191

Delta R.T. 0.00 min

Lab File: VU025758.D

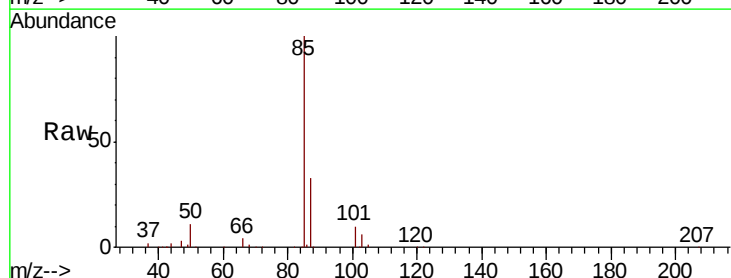
Acq: 31 Jul 2018 22:48

Tgt Ion: 85 Resp: 144152

Ion Ratio Lower Upper

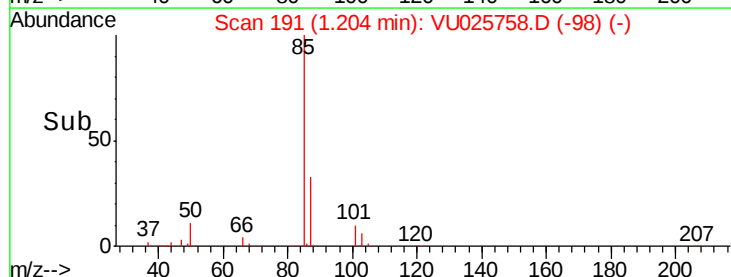
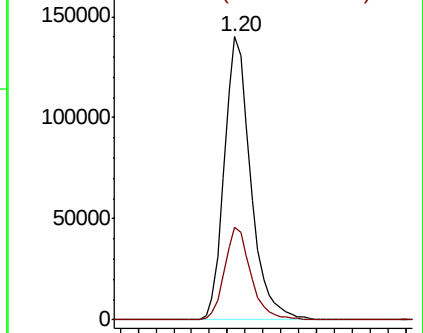
85 100

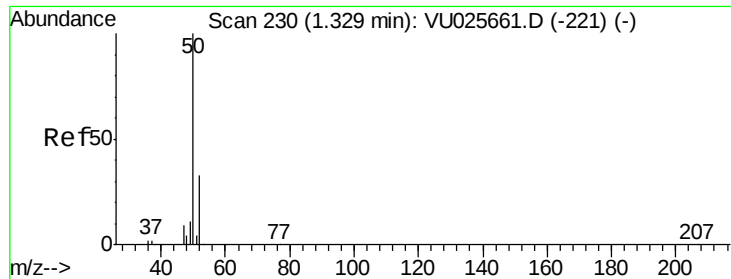
87 32.5 16.5 49.5



Abundance Ion 84.90 (84.60 to 85.60): VU025661.D (-183) (-)

Ion 86.90 (86.60 to 87.60): VU025661.D (-183) (-)

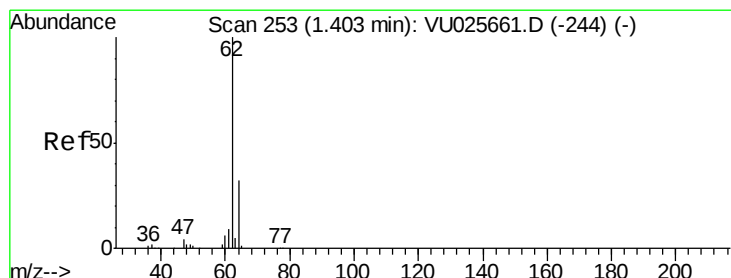
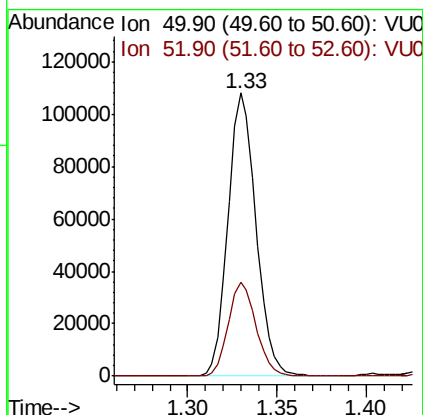
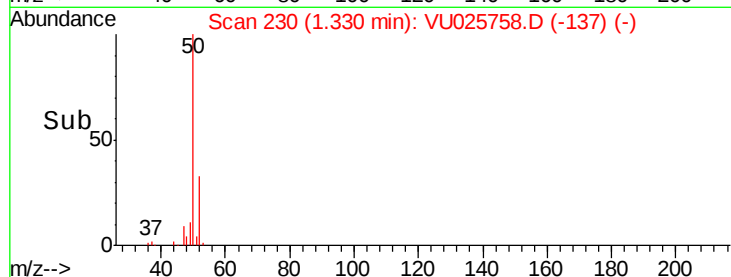
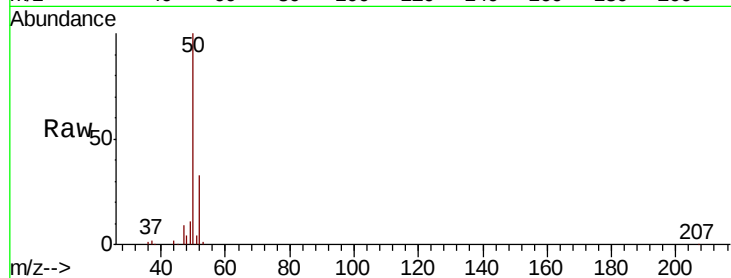




#3
Chloromethane
Concen: 44.82 ug/l
RT: 1.33 min Scan# 230
Delta R.T. 0.00 min
Lab File: VU025758.D
Acq: 31 Jul 2018 22:48

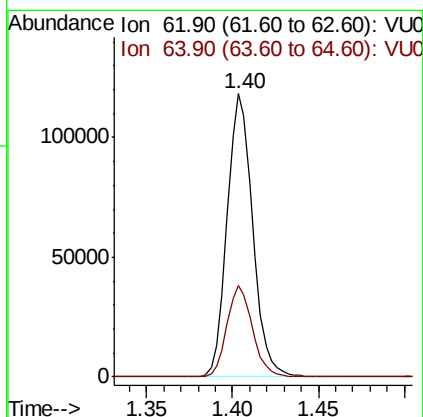
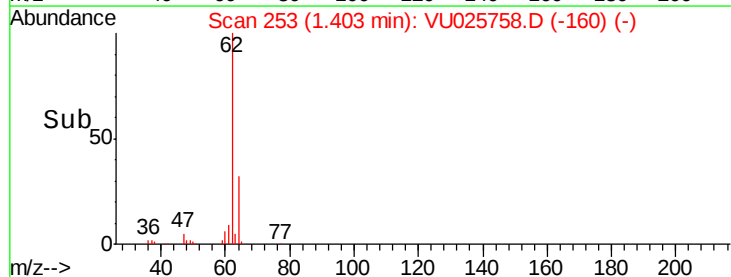
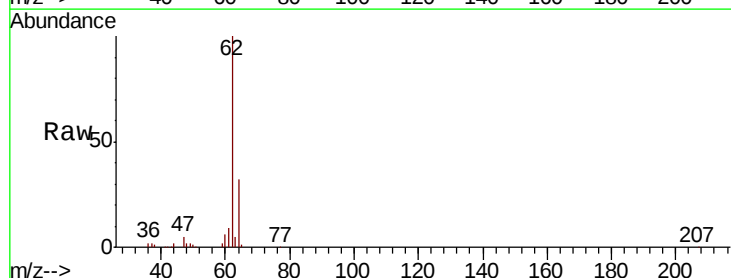
Instrument :
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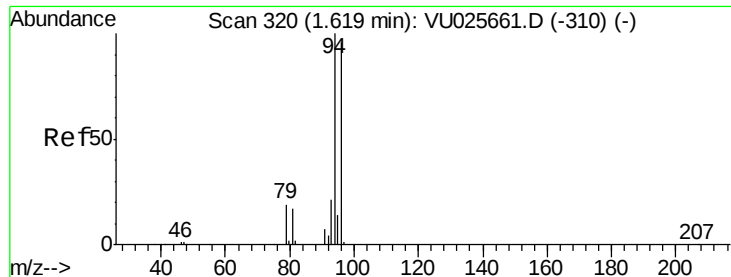
Tot Ion: 50 Resp: 117976
Ion Ratio Lower Upper
50 100
52 33.2 26.5 39.7



#4
Vinyl Chloride
Concen: 49.29 ug/l
RT: 1.40 min Scan# 253
Delta R.T. 0.00 min
Lab File: VU025758.D
Acq: 31 Jul 2018 22:48

Tgt Ion: 62 Resp: 122095
Ion Ratio Lower Upper
62 100
64 32.1 25.4 38.0





#5

Bromomethane

Concen: 52.43 ug/l

RT: 1.62 min Scan# 319

Delta R.T. -0.00 min

Lab File: VU025758.D

Acq: 31 Jul 2018 22:48

Instrument :

MSVOA_U

ClientSampleId :

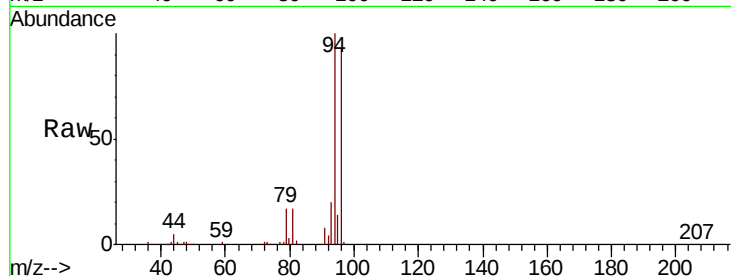
VSTDCCC050EC

Tot Ion: 94 Resp: 63432

Ion Ratio Lower Upper

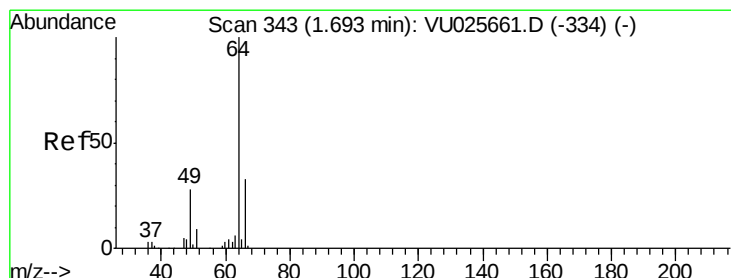
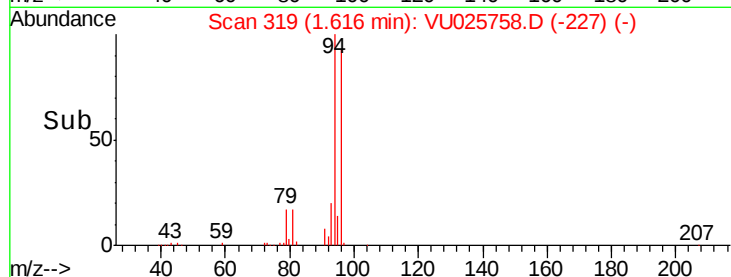
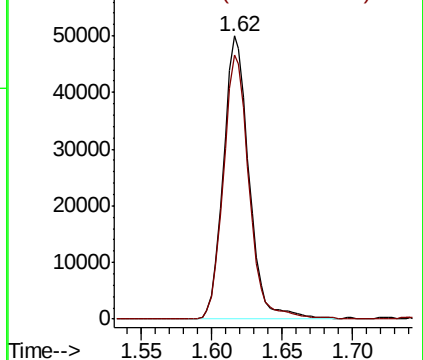
94 100

96 93.3 75.0 112.4



Abundance Ion 93.90 (93.60 to 94.60): VU0

Ion 95.90 (95.60 to 96.60): VU0



#6

Chloroethane

Concen: 48.24 ug/l

RT: 1.69 min Scan# 343

Delta R.T. 0.00 min

Lab File: VU025758.D

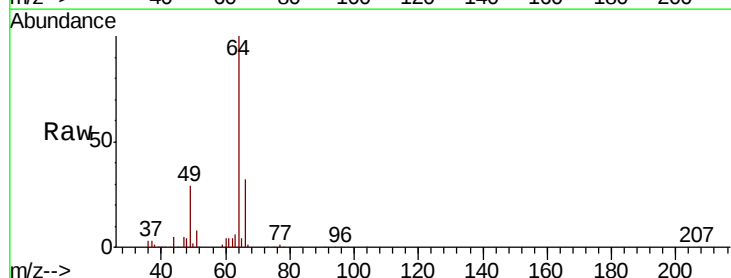
Acq: 31 Jul 2018 22:48

Tgt Ion: 64 Resp: 69873

Ion Ratio Lower Upper

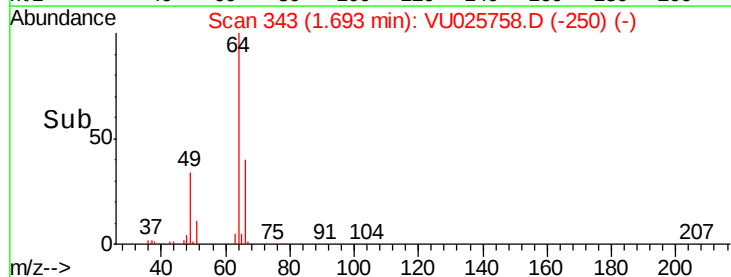
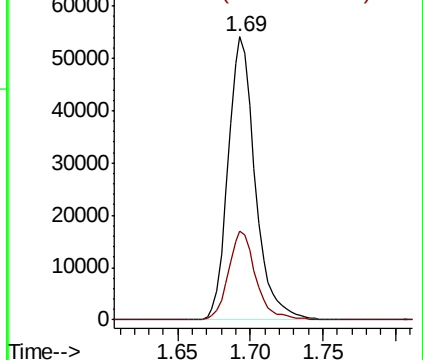
64 100

66 31.6 25.0 37.4



Abundance Ion 63.90 (63.60 to 64.60): VU0

Ion 65.90 (65.60 to 66.60): VU0





#7

Trichlorofluoromethane

Concen: 50.18 ug/l

RT: 1.88 min Scan# 402

Delta R.T. 0.00 min

Lab File: VU025758.D

Acq: 31 Jul 2018 22:48

Instrument :

MSVOA_U

ClientSampleId :

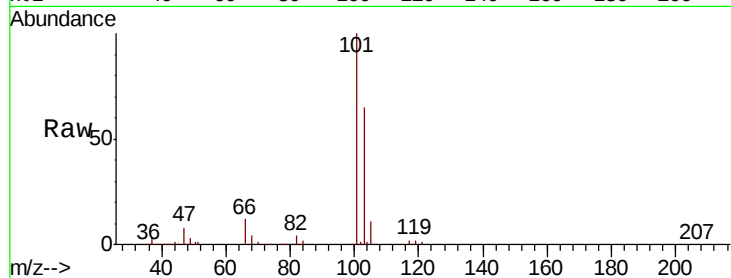
VSTDCCC050EC

Tot Ion:101 Resp: 179701

Ion Ratio Lower Upper

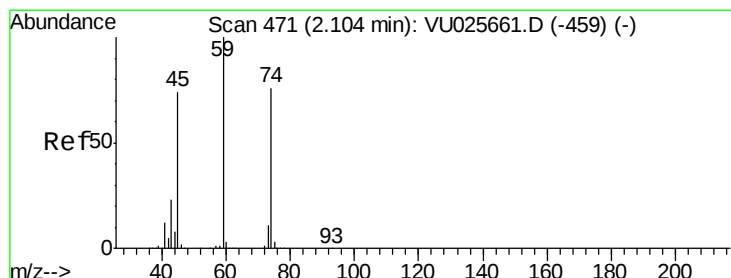
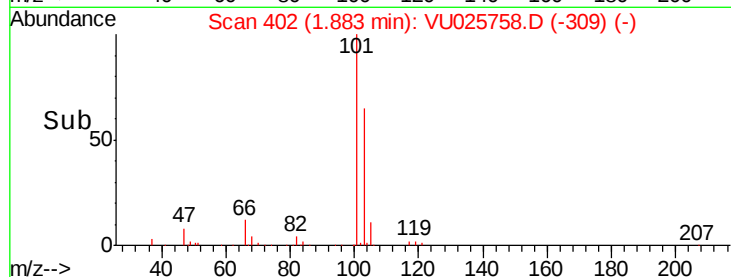
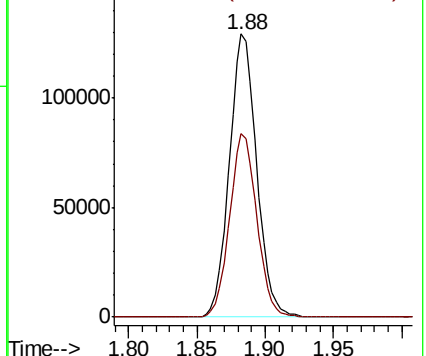
101 100

103 64.6 52.2 78.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V



#8

Diethyl Ether

Concen: 48.80 ug/l

RT: 2.10 min Scan# 471

Delta R.T. 0.00 min

Lab File: VU025758.D

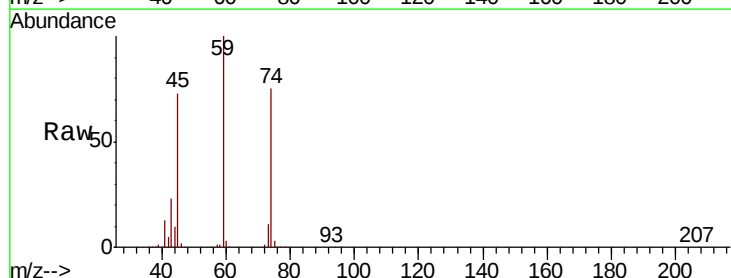
Acq: 31 Jul 2018 22:48

Tgt Ion: 74 Resp: 63230

Ion Ratio Lower Upper

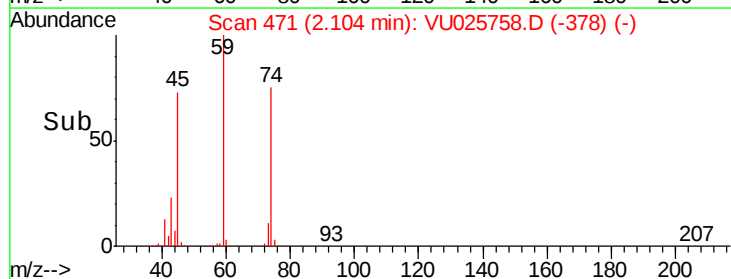
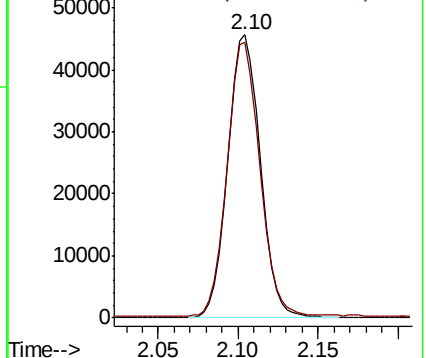
74 100

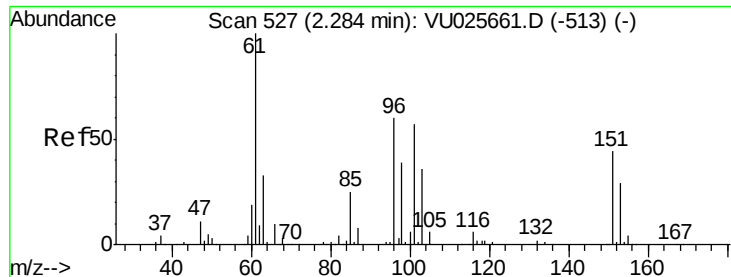
45 96.8 48.3 144.9



Abundance Ion 74.00 (73.70 to 74.70): VU0

Ion 45.00 (44.70 to 45.70): VU0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.57 ug/l

RT: 2.28 min Scan# 527

Delta R.T. 0.00 min

Lab File: VU025758.D

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ClientSampleId :

VSTDCCC050EC

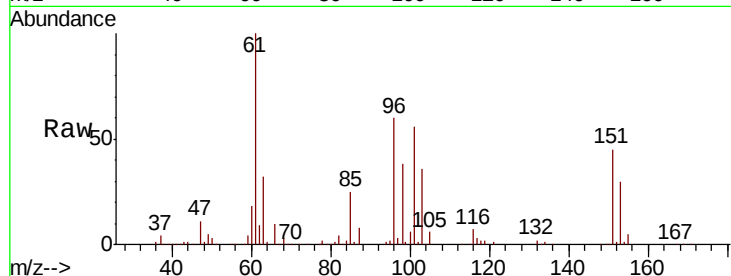
Tot Ion:101 Resp: 104804

Ion Ratio Lower Upper

101 100

85 43.7 36.0 54.0

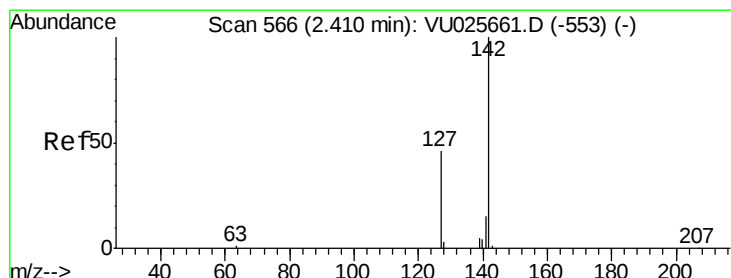
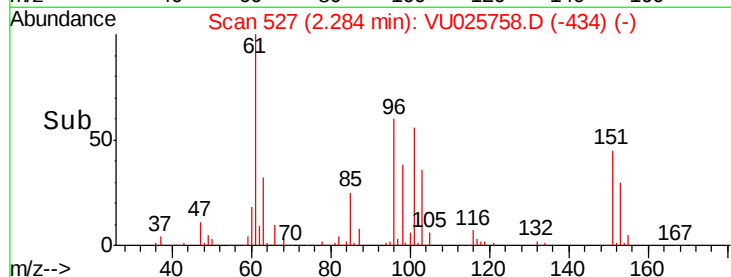
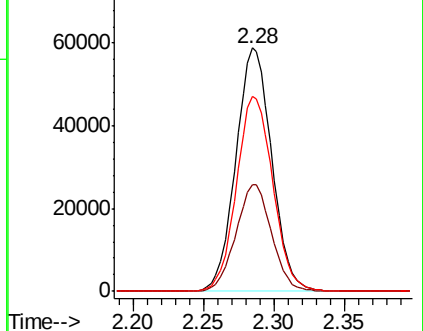
151 81.4 65.6 98.4



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VU0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 48.80 ug/l

RT: 2.41 min Scan# 566

Delta R.T. 0.00 min

Lab File: VU025758.D

Acq: 31 Jul 2018 22:48

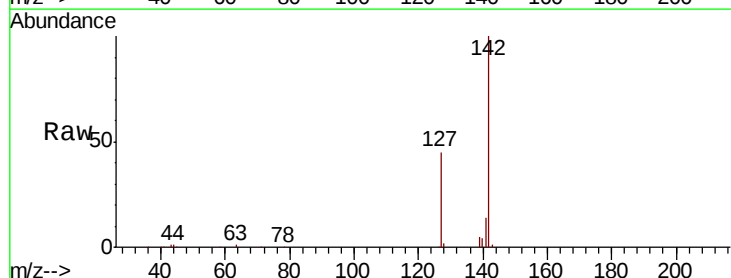
Tgt Ion:142 Resp: 93860

Ion Ratio Lower Upper

142 100

127 45.5 36.5 54.7

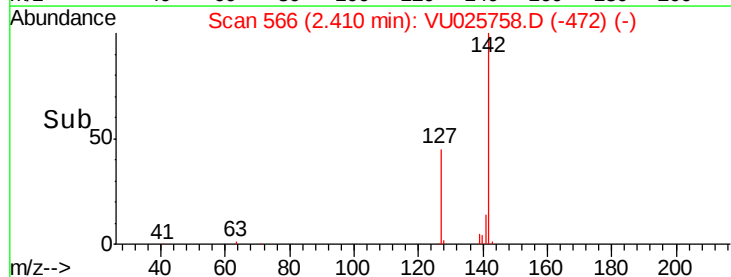
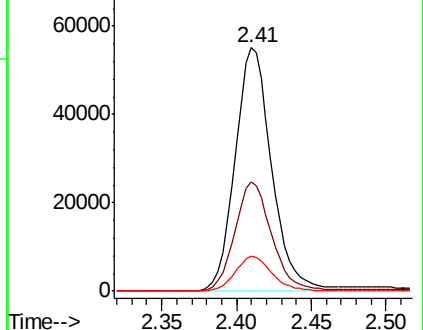
141 14.5 11.4 17.2

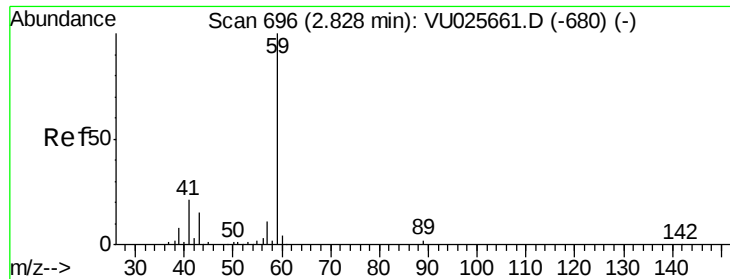


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

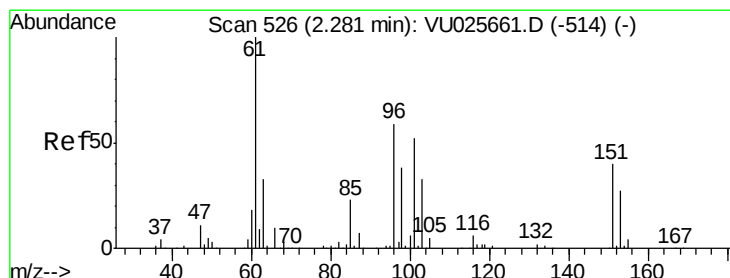
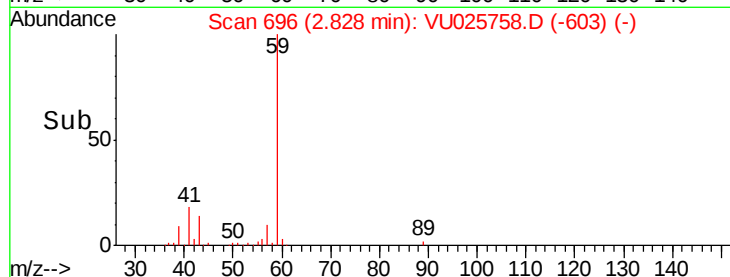
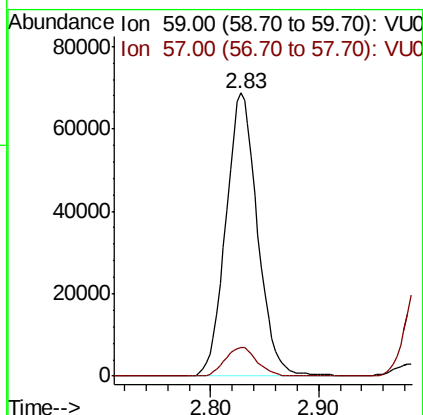
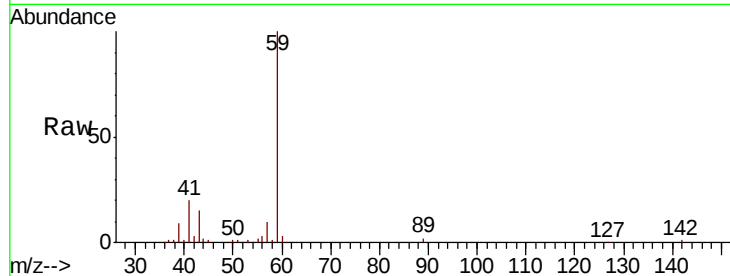




#11
Tert butyl alcohol
Concen: 225.70 ug/l
RT: 2.83 min Scan# 696
Delta R.T. 0.00 min
Lab File: VU025758.D
Acq: 31 Jul 2018 22:48

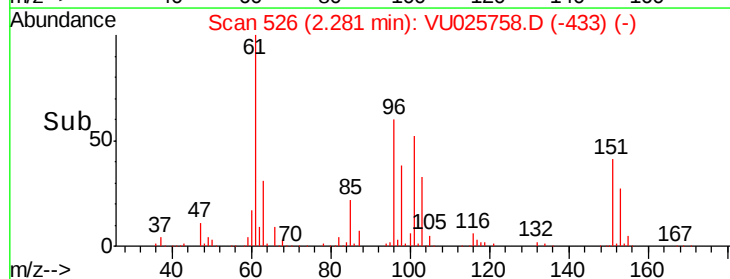
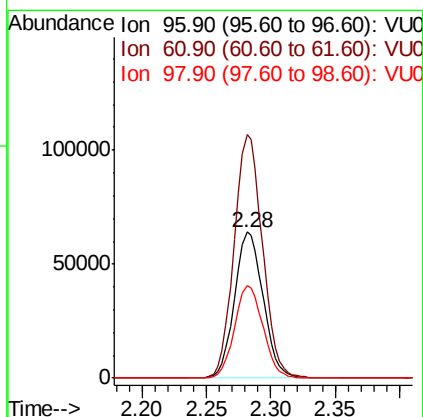
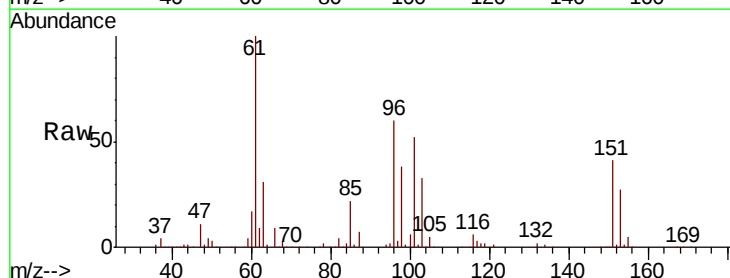
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

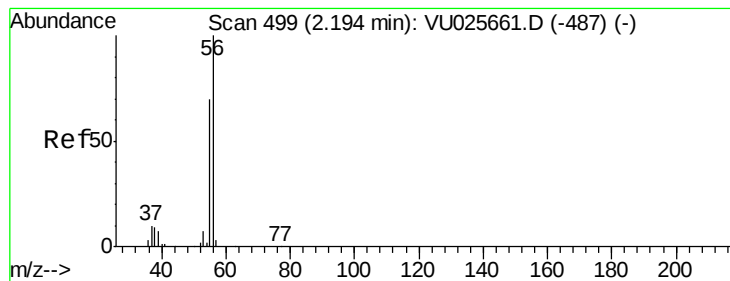
Tot Ion: 59 Resp: 140286
Ion Ratio Lower Upper
59 100
57 10.3 8.2 12.2



#12
1,1-Dichloroethene
Concen: 50.47 ug/l
RT: 2.28 min Scan# 526
Delta R.T. 0.00 min
Lab File: VU025758.D
Acq: 31 Jul 2018 22:48

Tgt Ion: 96 Resp: 98742
Ion Ratio Lower Upper
96 100
61 166.8 140.2 210.4
98 63.4 49.3 73.9





#13

Acrolein

Concen: 311.88 ug/l

RT: 2.19 min Scan# 499

Delta R.T. 0.00 min

Lab File: VU025758.D

Acq: 31 Jul 2018 22:48

Instrument :

MSVOA_U

ClientSampleId :

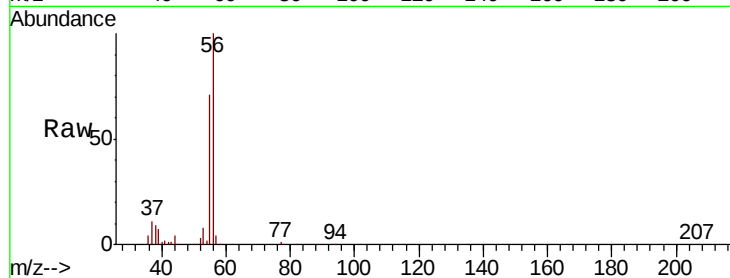
VSTDCCC050EC

Tot Ion: 56 Resp: 70090

Ion Ratio Lower Upper

56 100

55 71.5 57.2 85.8



Abundance Ion 56.00 (55.70 to 56.70): VU025661.D (-487) (-)

Ion 55.00 (54.70 to 55.70): VU025661.D (-487) (-)

2.19

50000

40000

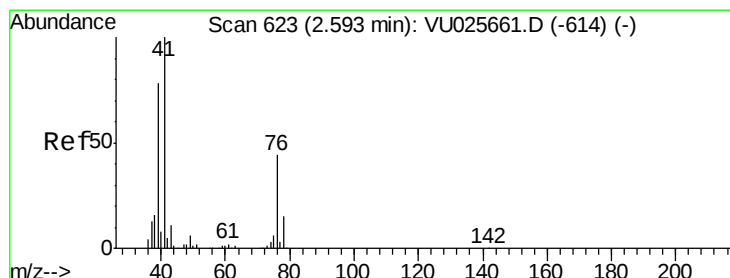
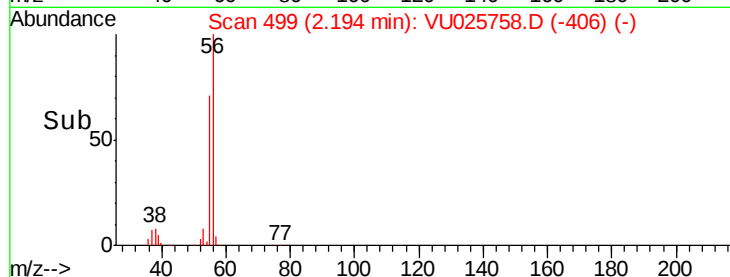
30000

20000

10000

0

Time--> 2.10 2.15 2.20 2.25 2.30



#14

Allyl chloride

Concen: 46.93 ug/l

RT: 2.59 min Scan# 623

Delta R.T. 0.00 min

Lab File: VU025758.D

Acq: 31 Jul 2018 22:48

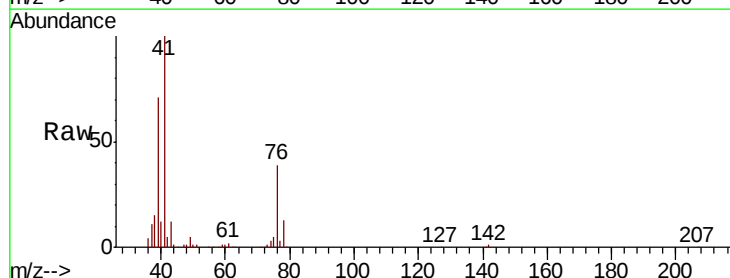
Tgt Ion: 41 Resp: 164982

Ion Ratio Lower Upper

41 100

39 72.5 60.6 91.0

76 38.2 30.5 45.7



Abundance Ion 41.00 (40.70 to 41.70): VU025661.D (-614) (-)

Ion 39.00 (38.70 to 39.70): VU025661.D (-614) (-)

Ion 75.90 (75.60 to 76.60): VU025661.D (-614) (-)

120000

100000

80000

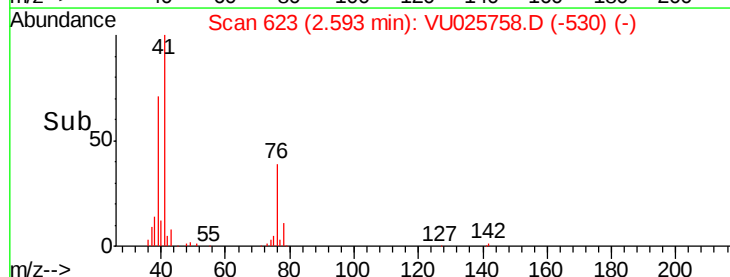
60000

40000

20000

0

Time--> 2.55 2.60 2.65





#15

Acrylonitrile

Concen: 249.83 ug/l

RT: 2.94 min Scan# 730

Delta R.T. 0.00 min

Lab File: VU025758.D

Acq: 31 Jul 2018 22:48

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

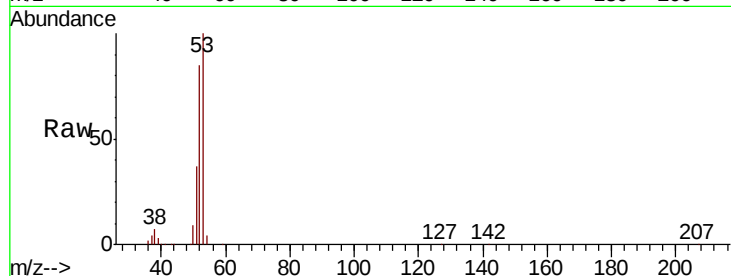
Tot Ion: 53 Resp: 310036

Ion Ratio Lower Upper

53 100

52 83.9 66.6 99.8

51 35.0 29.4 44.2



Abundance Ion 53.00 (52.70 to 53.70): VU025661.D (-715) (-)

Ion 52.00 (51.70 to 52.70): VU025661.D (-715) (-)

Ion 51.00 (50.70 to 51.70): VU025661.D (-715) (-)

2.94

150000

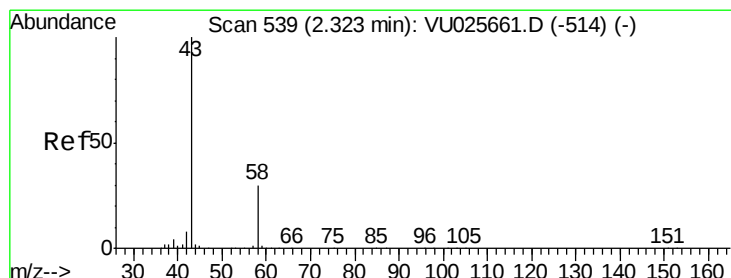
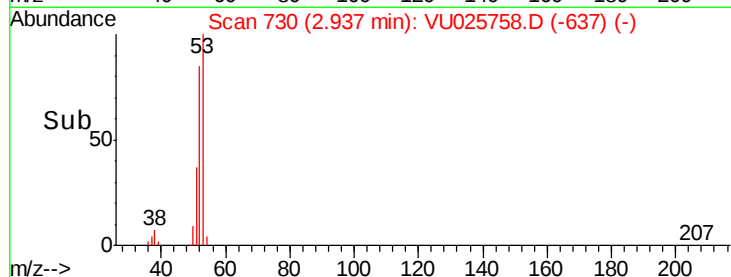
100000

50000

0

2.90 3.00 3.10

Time-->



#16

Acetone

Concen: 199.81 ug/l

RT: 2.32 min Scan# 539

Delta R.T. 0.00 min

Lab File: VU025758.D

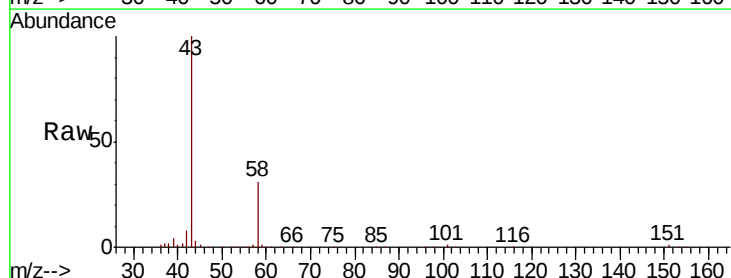
Acq: 31 Jul 2018 22:48

Tgt Ion: 43 Resp: 276563

Ion Ratio Lower Upper

43 100

58 30.4 23.1 34.7



Abundance Ion 43.00 (42.70 to 43.70): VU025661.D (-514) (-)

Ion 58.00 (57.70 to 58.70): VU025661.D (-514) (-)

2.32

150000

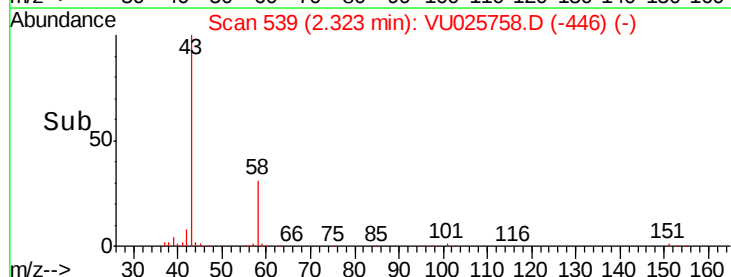
100000

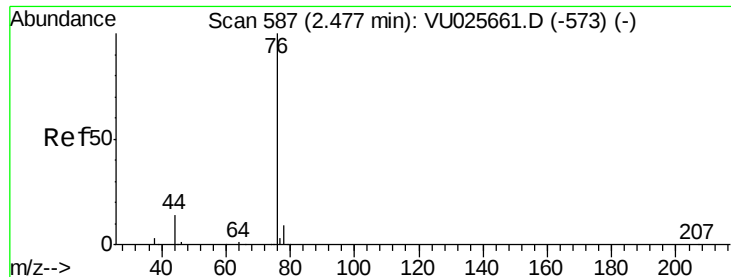
50000

0

2.20 2.30 2.40

Time-->

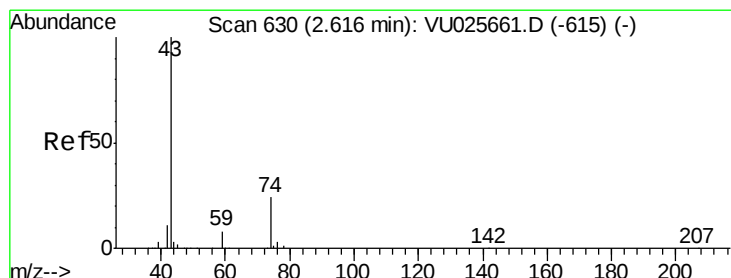
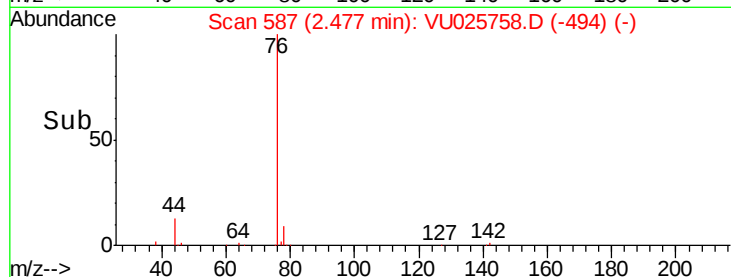
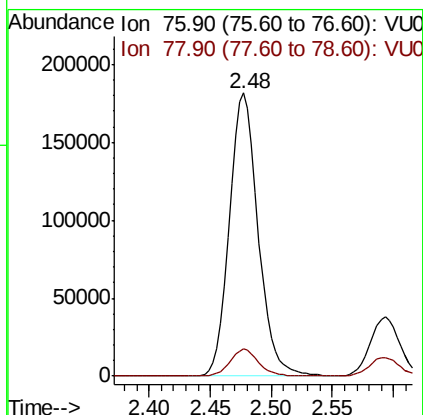
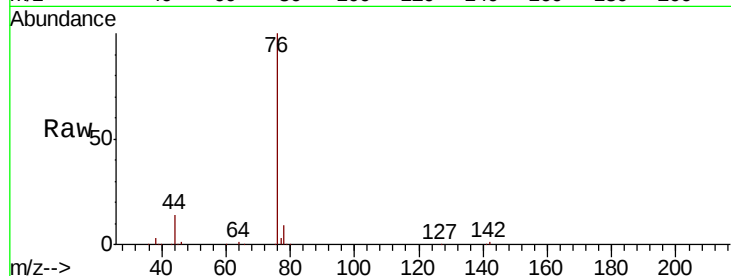




#17
Carbon Disulfide
Concen: 47.26 ug/l
RT: 2.48 min Scan# 587
Delta R.T. 0.00 min
Lab File: VU025758.D
Acq: 31 Jul 2018 22:48

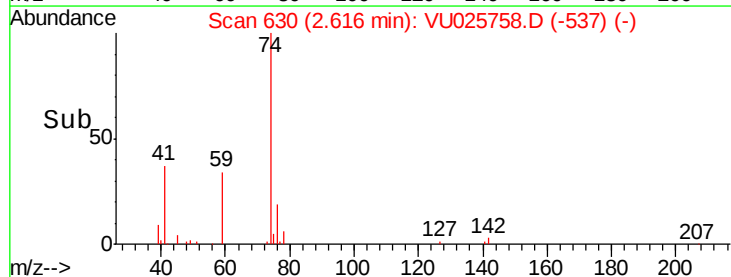
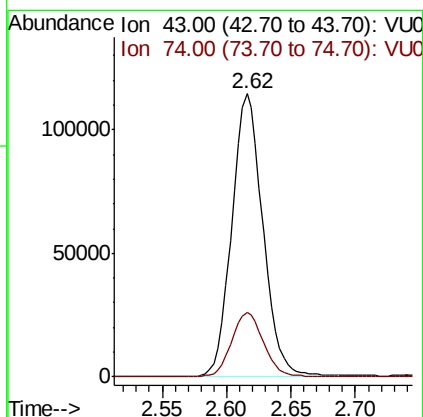
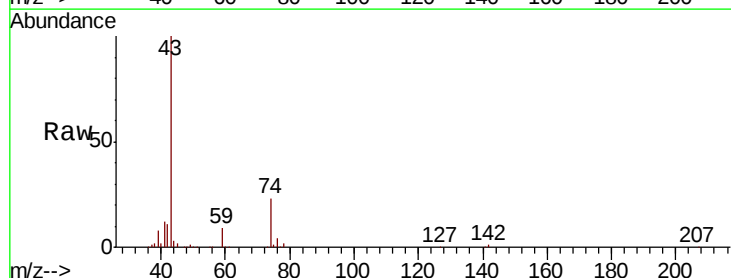
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

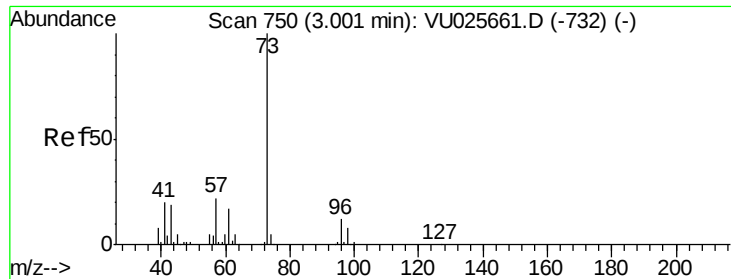
Tot Ion: 76 Resp: 299207
Ion Ratio Lower Upper
76 100
78 9.5 7.4 11.2



#18
Methyl Acetate
Concen: 57.24 ug/l
RT: 2.62 min Scan# 630
Delta R.T. 0.00 min
Lab File: VU025758.D
Acq: 31 Jul 2018 22:48

Tgt Ion: 43 Resp: 190699
Ion Ratio Lower Upper
43 100
74 23.7 18.5 27.7

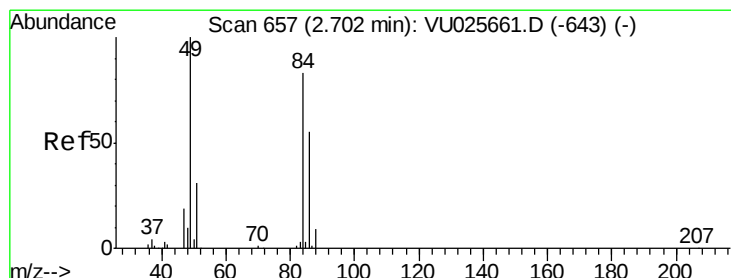
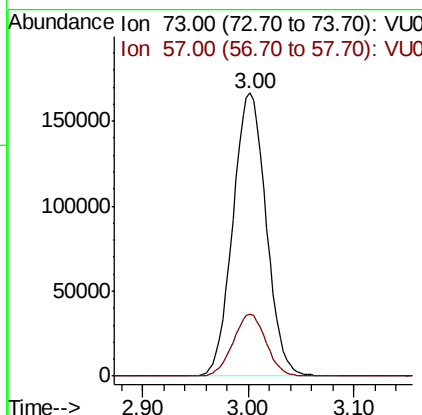
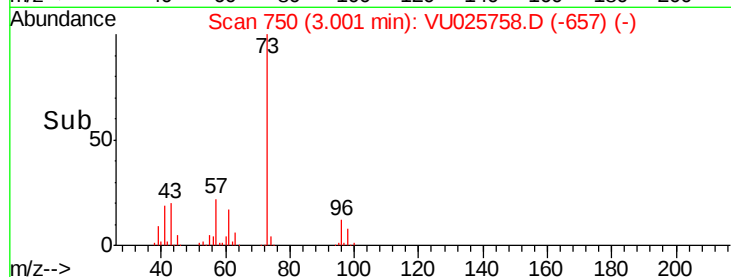
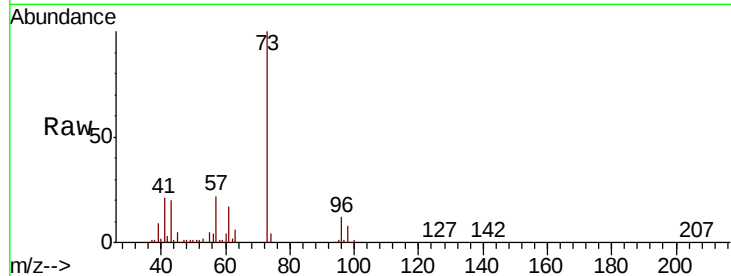




#19
Methvl tert-butvl Ether
Concen: 51.29 ug/l
RT: 3.00 min Scan# 750
Delta R.T. 0.00 min
Lab File: VU025758.D
Acq: 31 Jul 2018 22:48

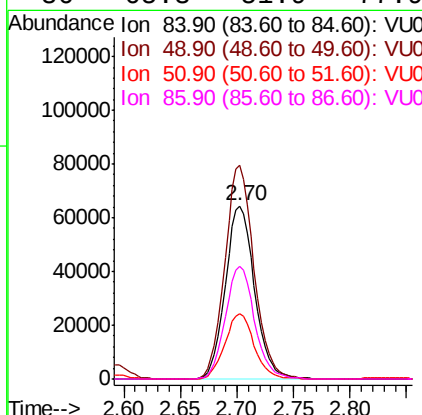
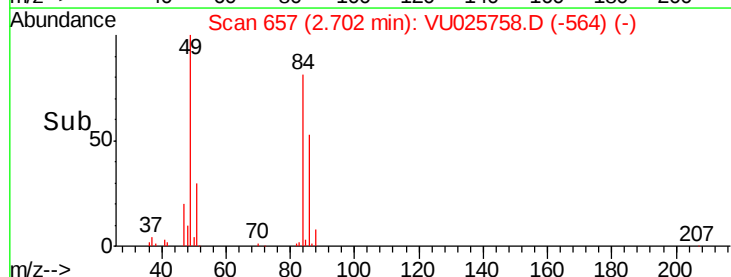
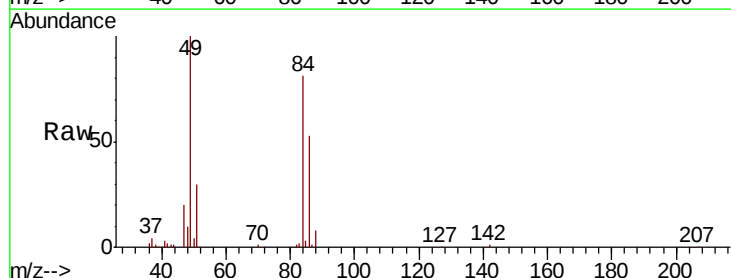
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

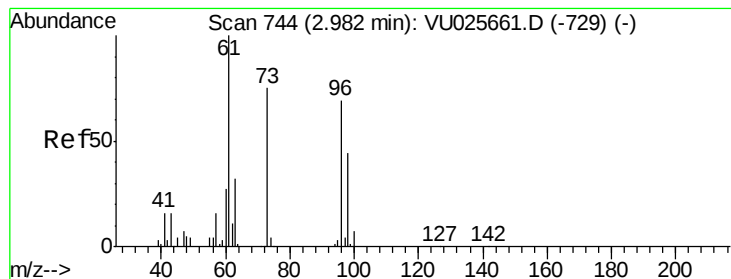
Tot Ion: 73 Resp: 363604
Ion Ratio Lower Upper
73 100
57 22.0 17.4 26.2



#20
Methylene Chloride
Concen: 47.34 ug/l
RT: 2.70 min Scan# 657
Delta R.T. 0.00 min
Lab File: VU025758.D
Acq: 31 Jul 2018 22:48

Tgt Ion: 84 Resp: 116117
Ion Ratio Lower Upper
84 100
49 123.2 101.8 152.6
51 37.3 30.8 46.2
86 65.3 51.9 77.9





#21

trans-1,2-Dichloroethene

Concen: 49.04 ug/l

RT: 2.98 min Scan# 744

Delta R.T. 0.00 min

Lab File: VU025758.D

Acq: 31 Jul 2018 22:48

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

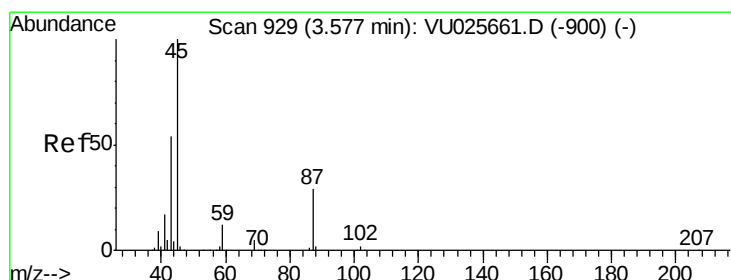
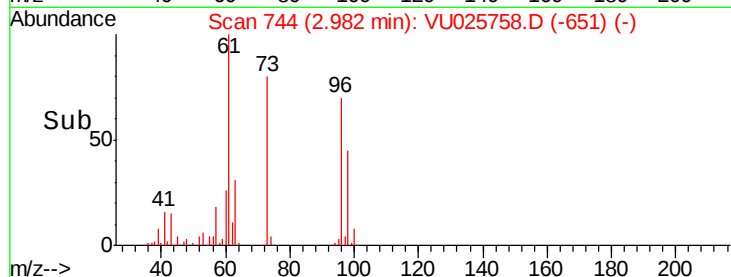
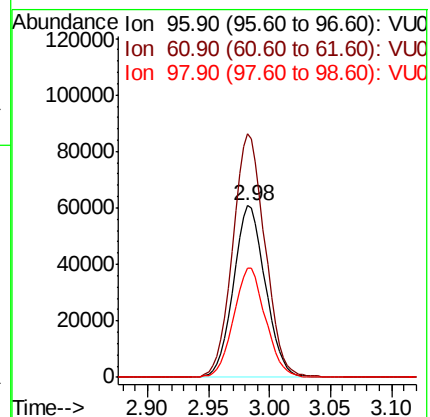
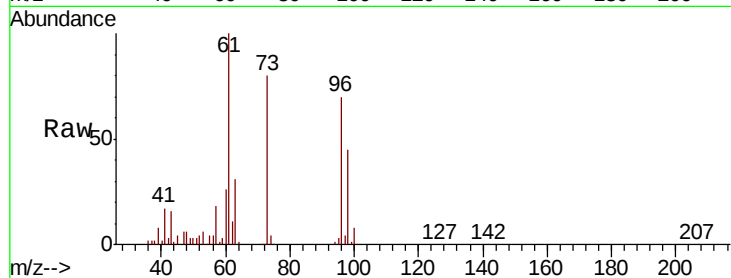
Tot Ion: 96 Resp: 110911

Ion Ratio Lower Upper

96 100

61 142.1 114.5 171.7

98 63.4 50.5 75.7



#22

Diisopropyl ether

Concen: 51.32 ug/l

RT: 3.57 min Scan# 928

Delta R.T. -0.00 min

Lab File: VU025758.D

Acq: 31 Jul 2018 22:48

Tgt Ion: 45 Resp: 355570

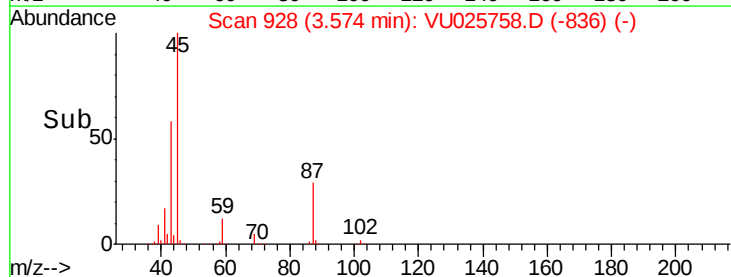
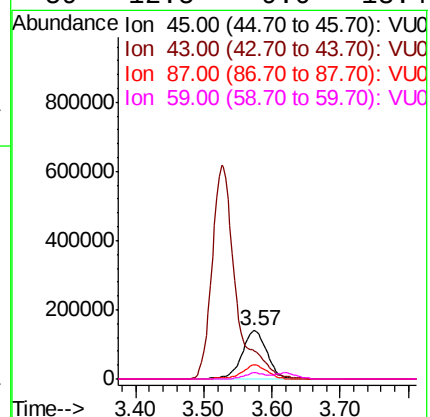
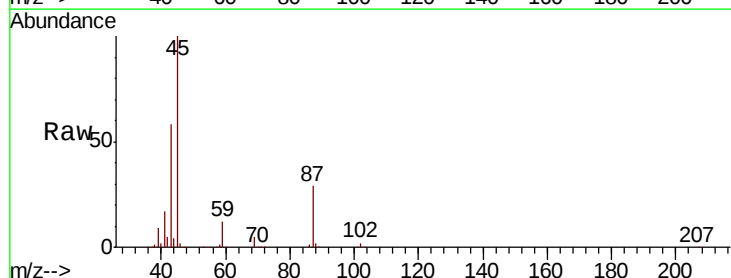
Ion Ratio Lower Upper

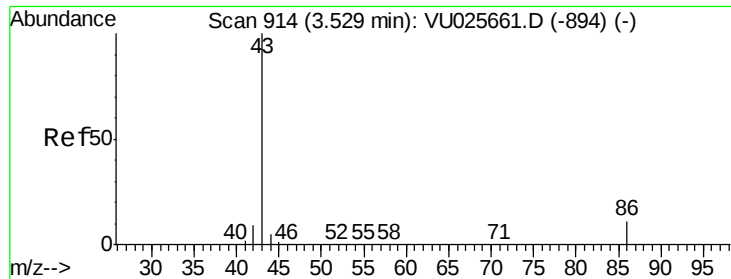
45 100

43 57.2 50.9 76.3

87 29.2 23.8 35.8

59 12.5 9.0 13.4





#23

Vinyl Acetate

Concen: 246.29 ug/l

RT: 3.53 min Scan# 913

Delta R.T. -0.00 min

Lab File: VU025758.D

Acq: 31 Jul 2018 22:48

Instrument :

MSVOA_U

ClientSampleId :

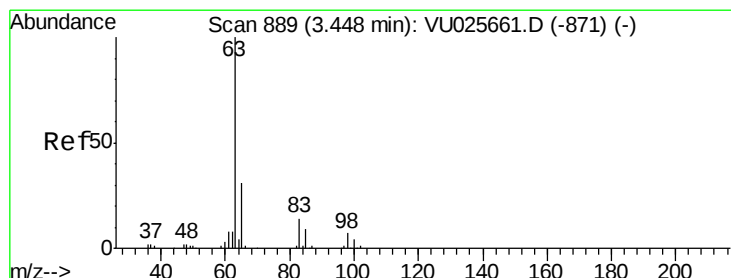
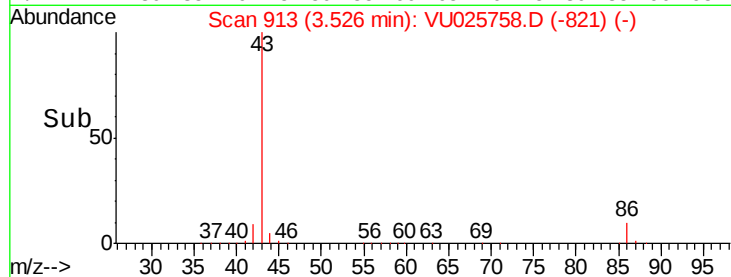
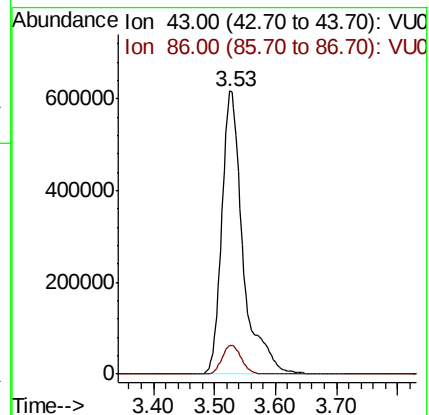
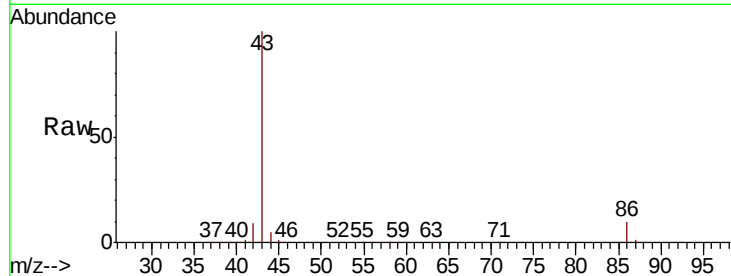
VSTDCCC050EC

Tot Ion: 43 Resp: 1487034

Ion Ratio Lower Upper

43 100

86 10.3 8.2 12.2



#24

1,1-Dichloroethane

Concen: 50.46 ug/l

RT: 3.45 min Scan# 889

Delta R.T. 0.00 min

Lab File: VU025758.D

Acq: 31 Jul 2018 22:48

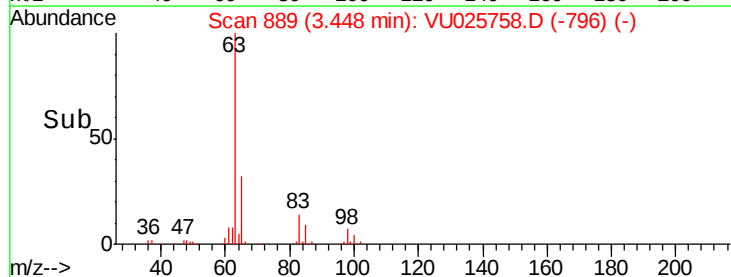
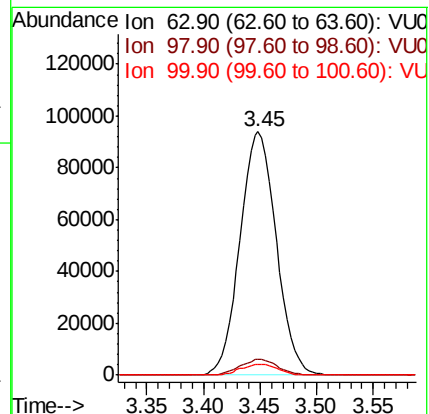
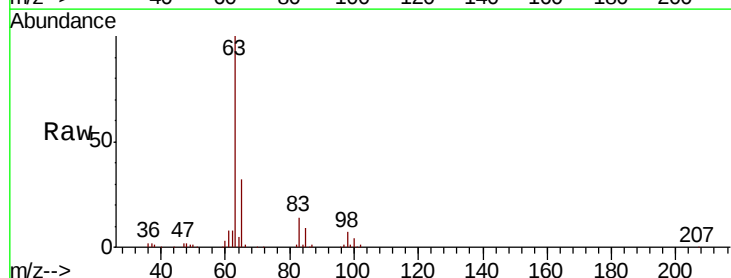
Tgt Ion: 63 Resp: 209855

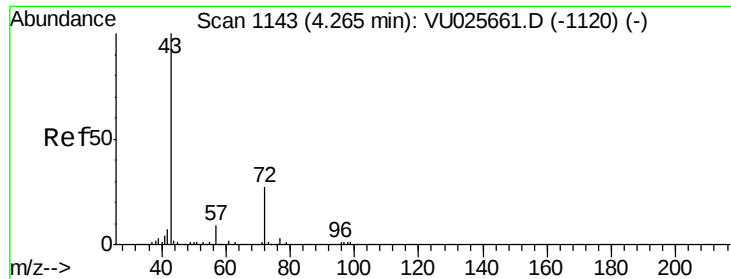
Ion Ratio Lower Upper

63 100

98 6.5 3.4 10.1

100 4.4 2.0 6.0

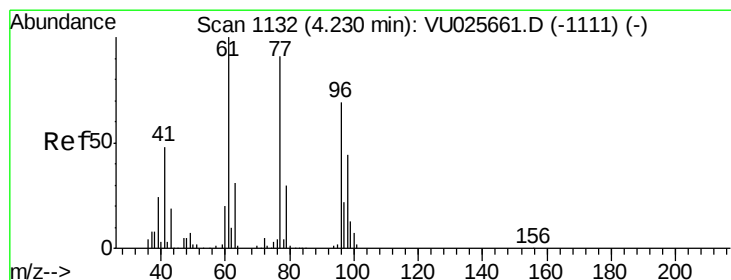
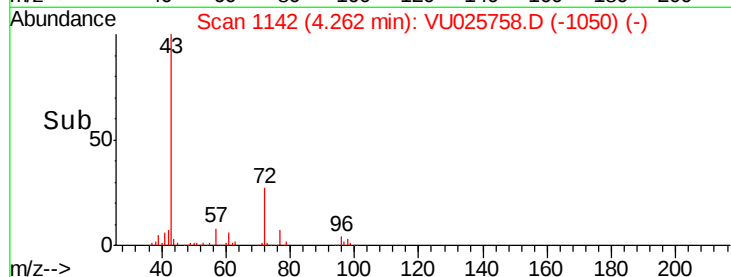
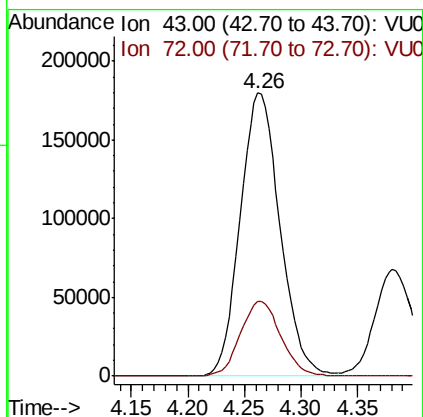
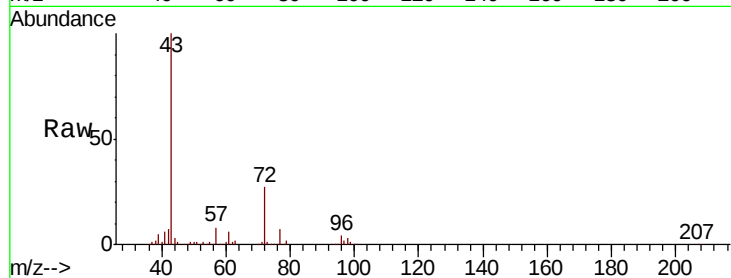




#25
2-Butanone
Concen: 233.20 ug/l
RT: 4.26 min Scan# 1142
Delta R.T. -0.00 min
Lab File: VU025758.D
Acq: 31 Jul 2018 22:48

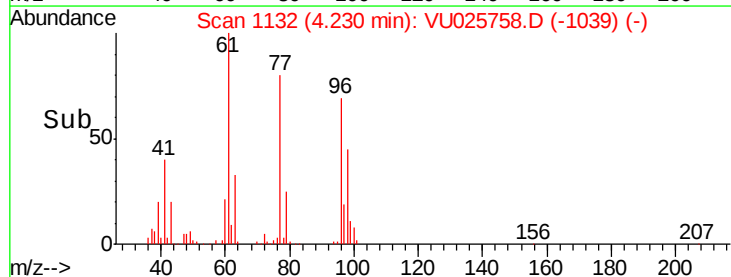
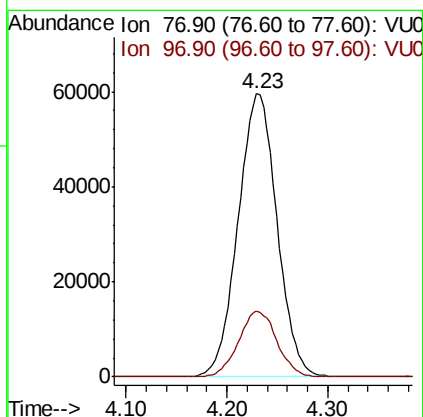
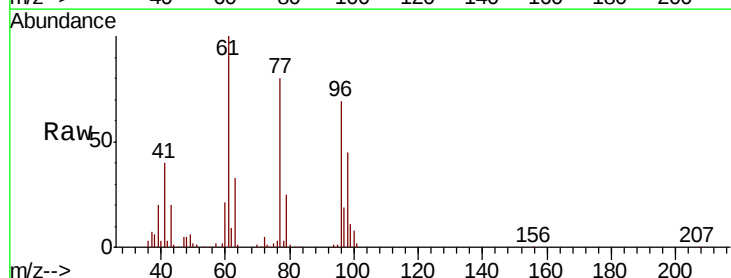
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

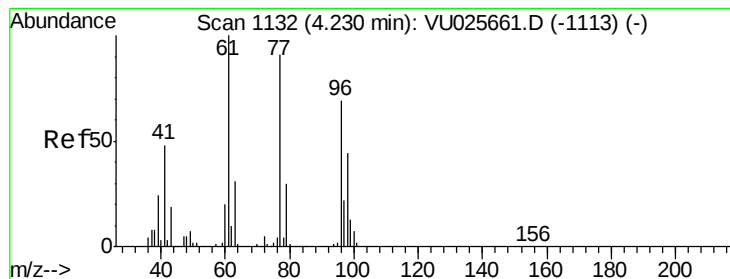
Tot Ion: 43 Resp: 439390
Ion Ratio Lower Upper
43 100
72 26.4 21.0 31.4



#26
2,2-Dichloropropane
Concen: 42.12 ug/l
RT: 4.23 min Scan# 1132
Delta R.T. 0.00 min
Lab File: VU025758.D
Acq: 31 Jul 2018 22:48

Tgt Ion: 77 Resp: 159201
Ion Ratio Lower Upper
77 100
97 22.9 11.2 33.5





#27

cis-1,2-Dichloroethene

Concen: 49.10 ug/l

RT: 4.23 min Scan# 1132

Delta R.T. 0.00 min

Lab File: VU025758.D

Acq: 31 Jul 2018 22:48

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

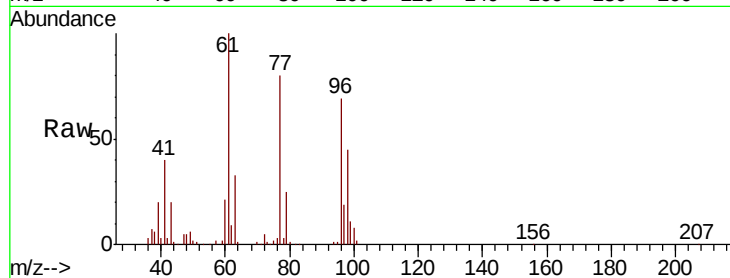
Tot Ion: 96 Resp: 125181

Ion Ratio Lower Upper

96 100

61 147.5 0.0 299.8

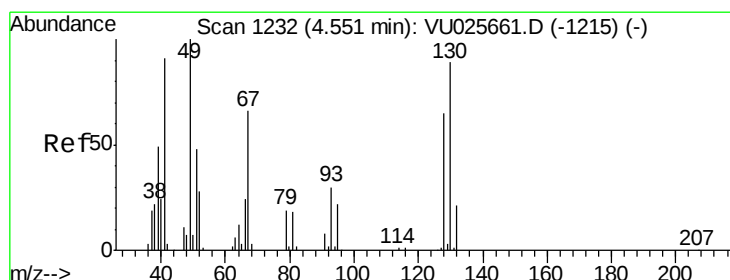
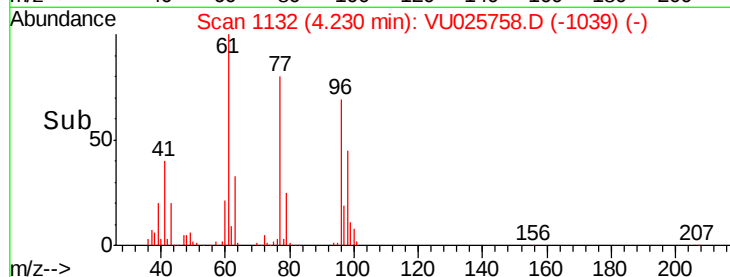
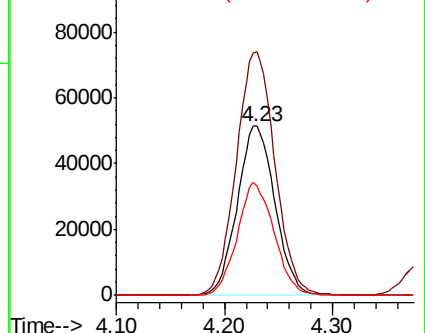
98 65.2 0.0 128.6



Abundance Ion 95.90 (95.60 to 96.60): VU0

Ion 60.90 (60.60 to 61.60): VU0

Ion 97.90 (97.60 to 98.60): VU0



#28

Bromochloromethane

Concen: 50.48 ug/l

RT: 4.55 min Scan# 1232

Delta R.T. 0.00 min

Lab File: VU025758.D

Acq: 31 Jul 2018 22:48

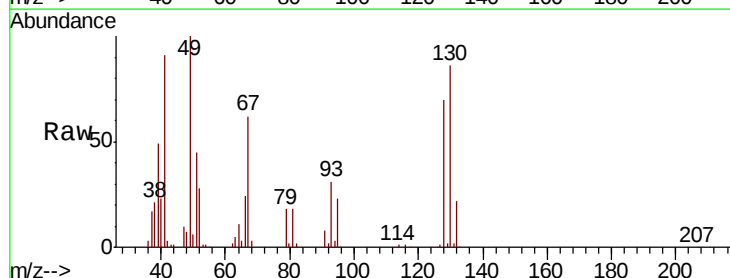
Tgt Ion: 49 Resp: 93856

Ion Ratio Lower Upper

49 100

129 2.3 0.0 4.6

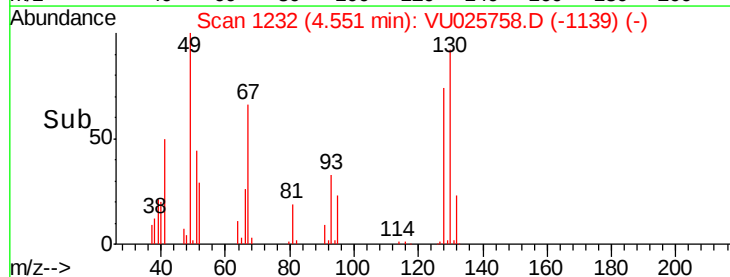
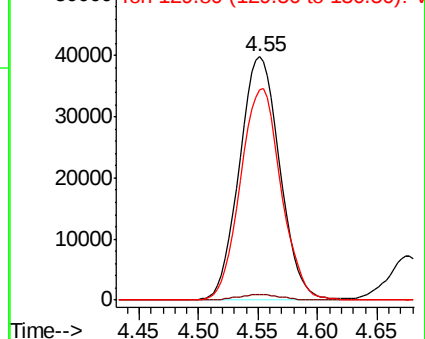
130 87.2 68.6 102.8

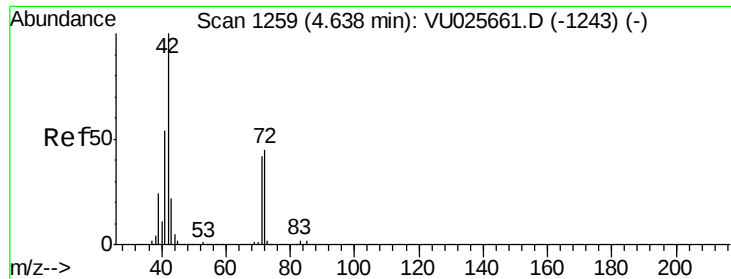


Abundance Ion 48.90 (48.60 to 49.60): VU0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 244.61 ug/l

RT: 4.64 min Scan# 1259

Delta R.T. 0.00 min

Lab File: VU025758.D

Acq: 31 Jul 2018 22:48

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

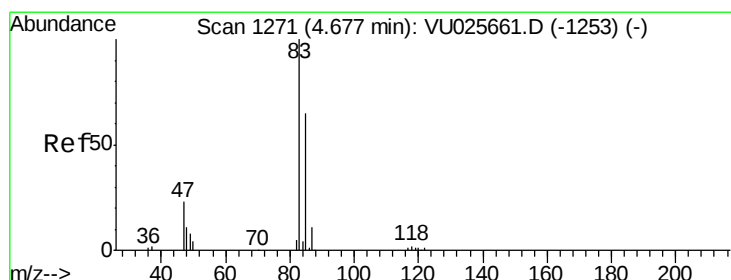
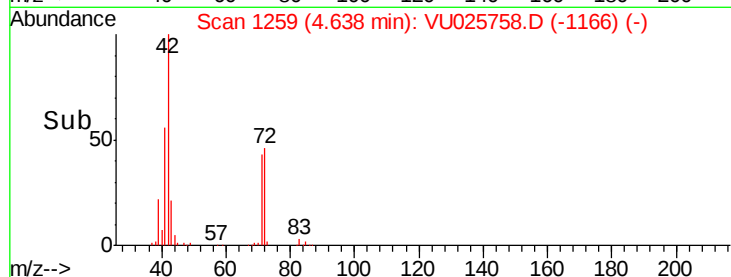
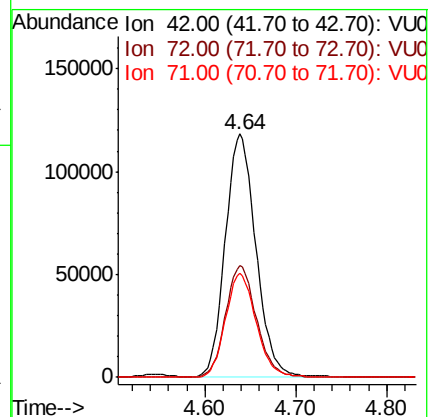
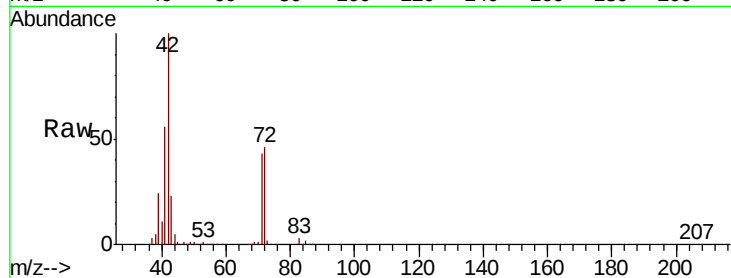
Tot Ion: 42 Resp: 276120

Ion Ratio Lower Upper

42 100

72 46.6 36.7 55.1

71 43.1 33.9 50.9



#30

Chloroform

Concen: 49.84 ug/l

RT: 4.68 min Scan# 1272

Delta R.T. 0.00 min

Lab File: VU025758.D

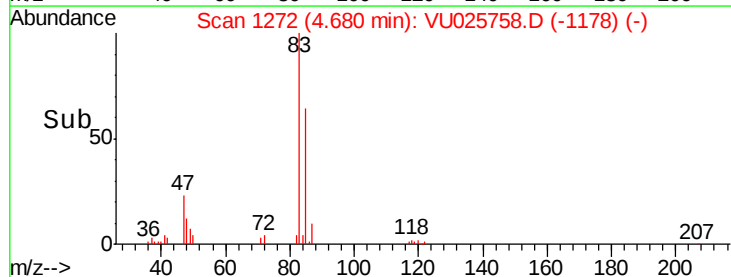
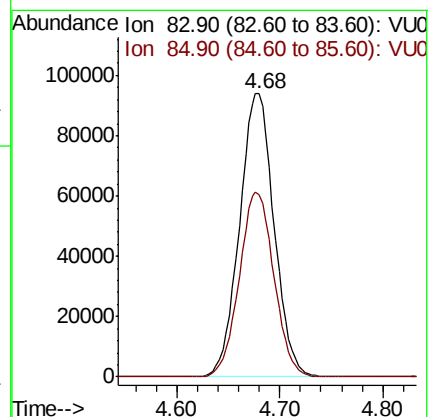
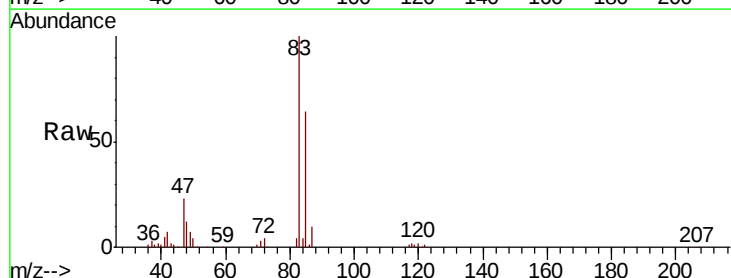
Acq: 31 Jul 2018 22:48

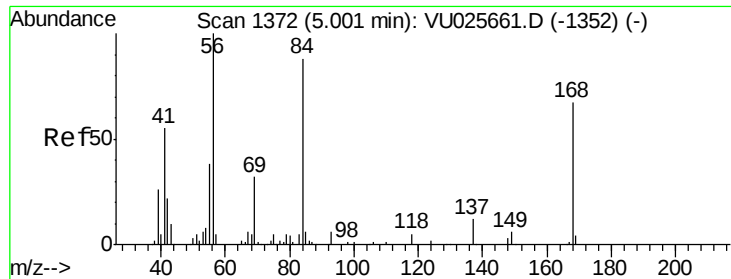
Tgt Ion: 83 Resp: 218800

Ion Ratio Lower Upper

83 100

85 64.4 51.5 77.3

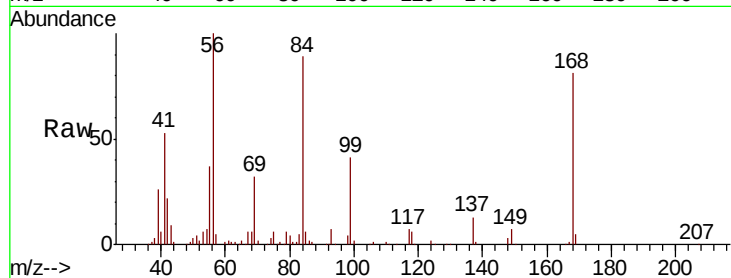




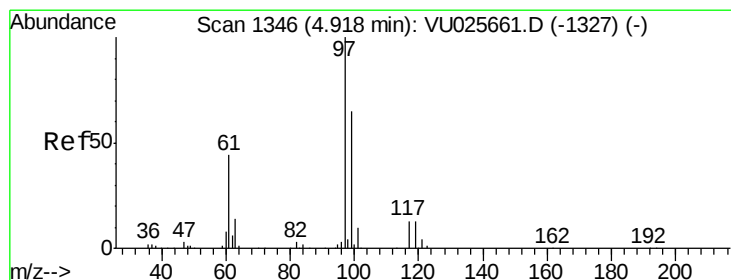
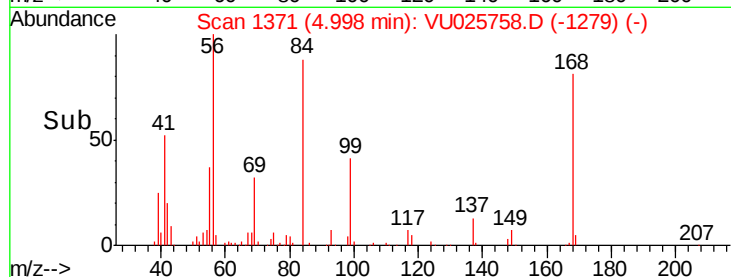
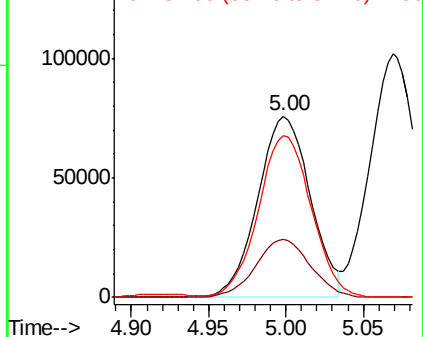
#31
Cyclohexane
Concen: 49.51 ug/l
RT: 5.00 min Scan# 1371
Delta R.T. -0.00 min
Lab File: VU025758.D
Acq: 31 Jul 2018 22:48

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tot Ion: 56 Resp: 179164
Ion Ratio Lower Upper
56 100
69 32.0 26.8 40.2
84 88.2 69.7 104.5

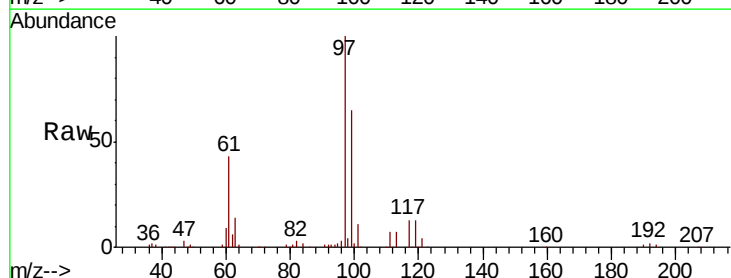


Abundance Ion 56.00 (55.70 to 56.70): VU0
Ion 69.00 (68.70 to 69.70): VU0
Ion 84.00 (83.70 to 84.70): VU0

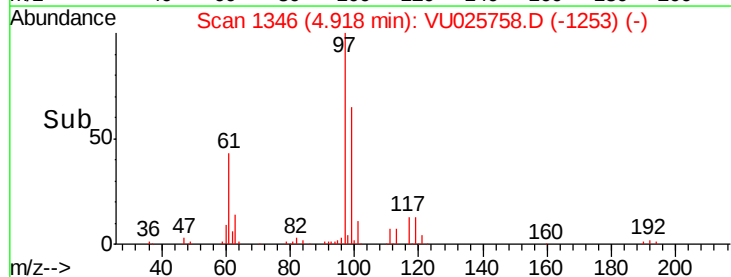
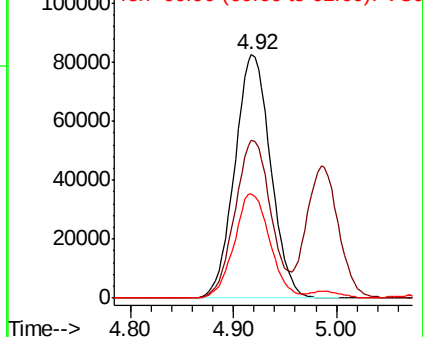


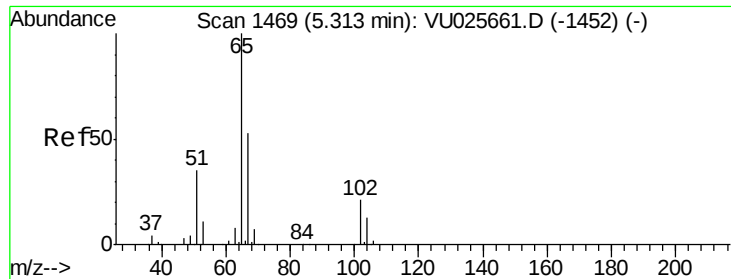
#32
1,1,1-Trichloroethane
Concen: 50.59 ug/l
RT: 4.92 min Scan# 1346
Delta R.T. 0.00 min
Lab File: VU025758.D
Acq: 31 Jul 2018 22:48

Tgt Ion: 97 Resp: 199924
Ion Ratio Lower Upper
97 100
99 65.4 50.8 76.2
61 42.5 35.2 52.8



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

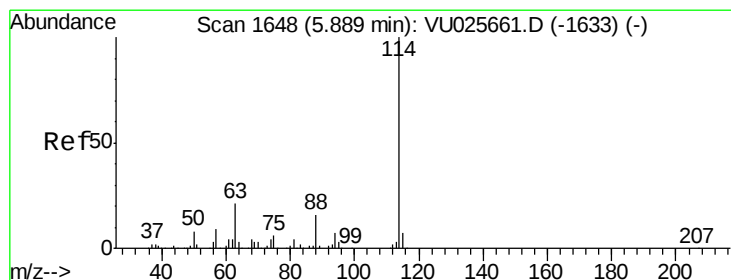
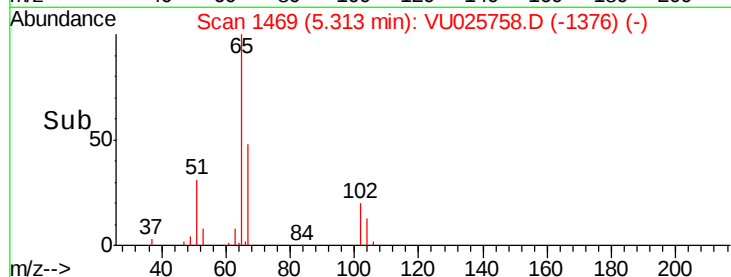
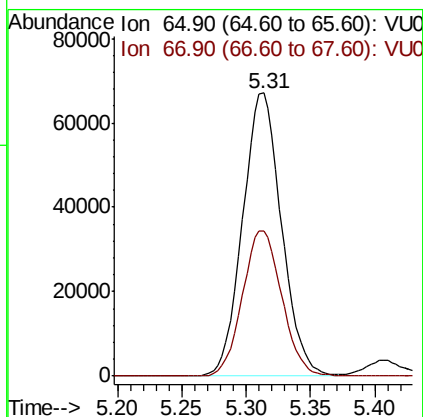
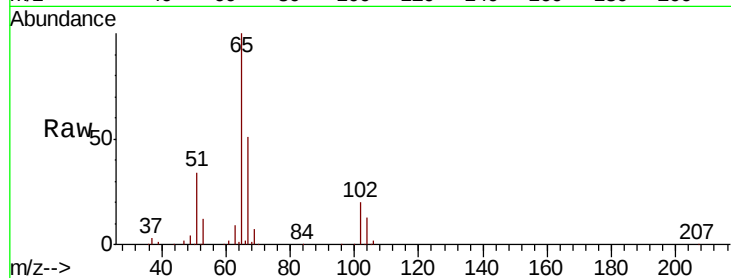




#33
 1,2-Dichloroethane-d4
 Concen: 49.68 ug/l
 RT: 5.31 min Scan# 1469
 Delta R.T. 0.00 min
 Lab File: VU025758.D
 Acq: 31 Jul 2018 22:48

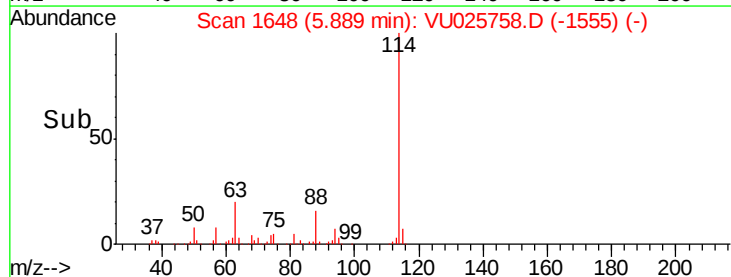
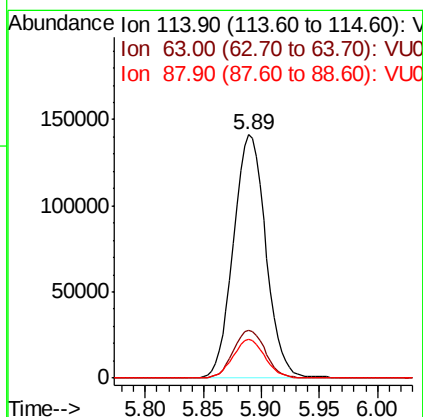
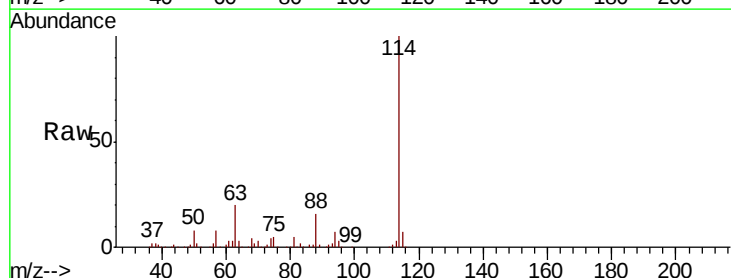
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

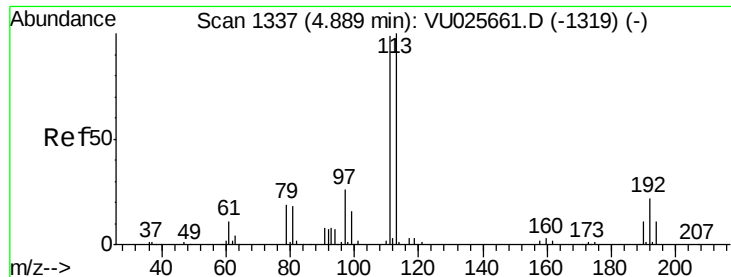
Tot Ion: 65 Resp: 141036
 Ion Ratio Lower Upper
 65 100
 67 51.9 0.0 103.6



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 5.89 min Scan# 1648
 Delta R.T. 0.00 min
 Lab File: VU025758.D
 Acq: 31 Jul 2018 22:48

Tgt Ion: 114 Resp: 274732
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 41.6
 88 15.9 0.0 32.4

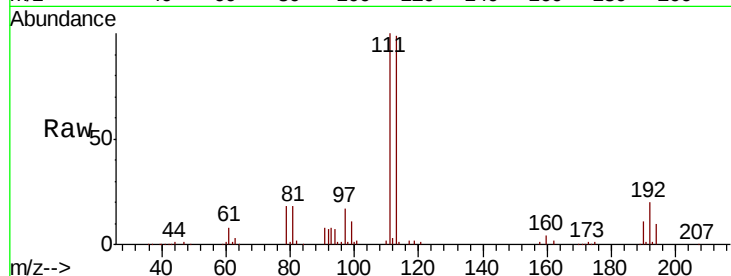




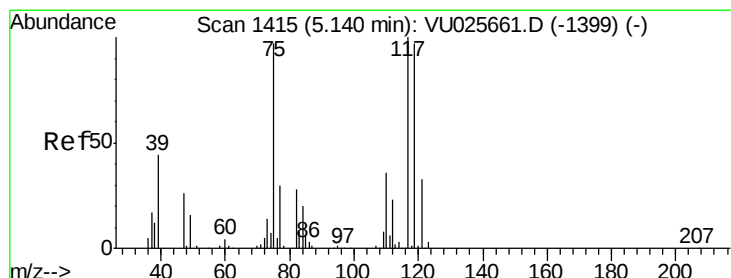
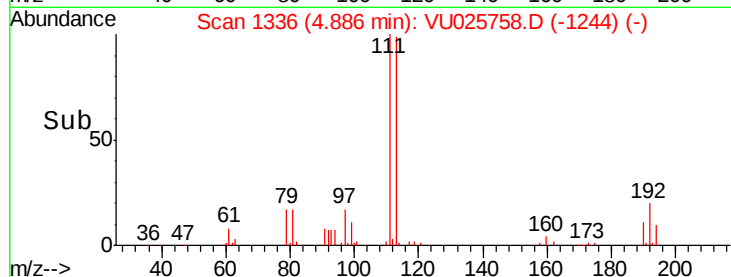
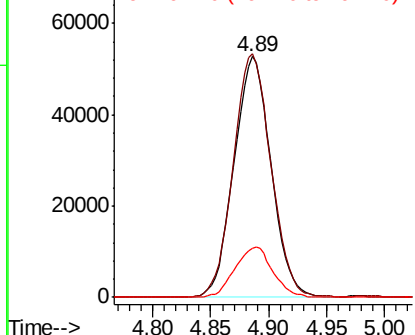
#35
 Dibromofluoromethane
 Concen: 49.01 ug/l
 RT: 4.89 min Scan# 1336
 Delta R.T. -0.00 min
 Lab File: VU025758.D
 Acq: 31 Jul 2018 22:48

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:113 Resp: 117106
 Ion Ratio Lower Upper
 113 100
 111 102.6 81.7 122.5
 192 21.3 17.1 25.7

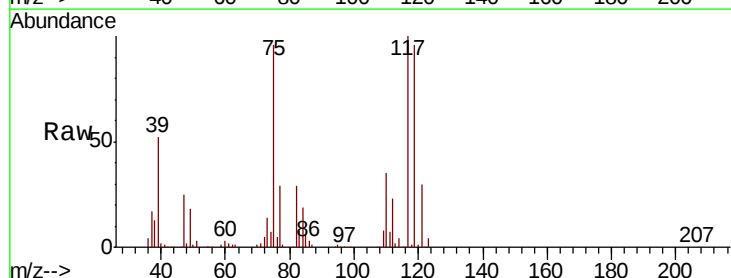


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

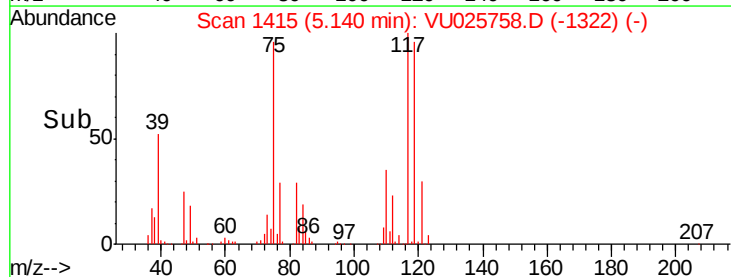
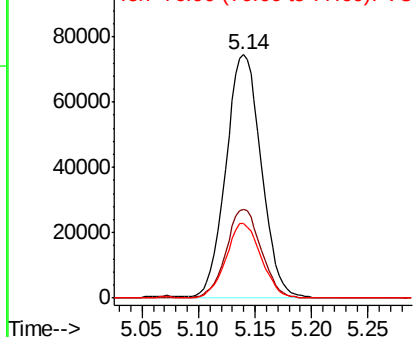


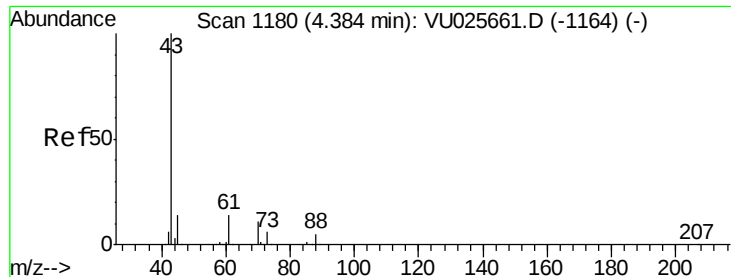
#36
 1,1-Dichloropropene
 Concen: 50.42 ug/l
 RT: 5.14 min Scan# 1415
 Delta R.T. 0.00 min
 Lab File: VU025758.D
 Acq: 31 Jul 2018 22:48

Tgt Ion: 75 Resp: 161891
 Ion Ratio Lower Upper
 75 100
 110 36.4 17.6 52.9
 77 30.5 24.4 36.6



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

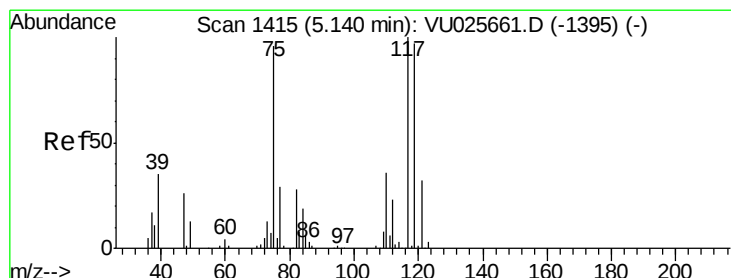
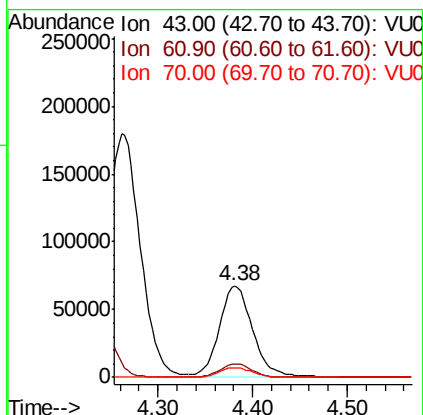
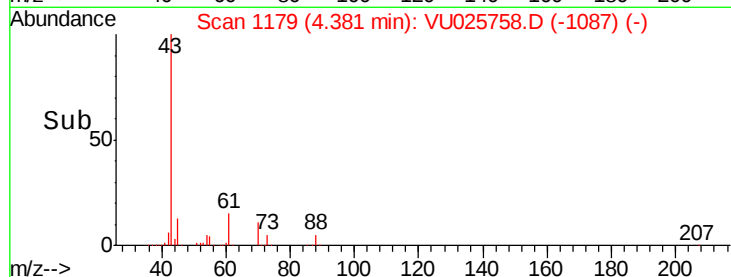
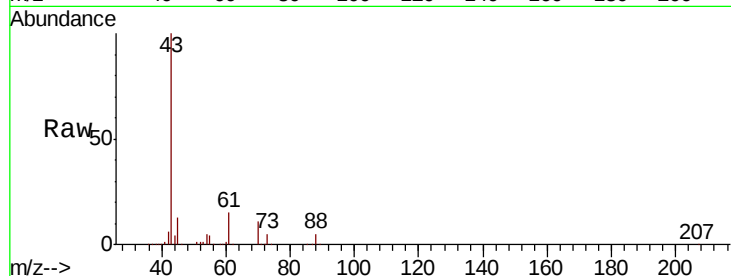




#37
Ethyl Acetate
Concen: 49.22 ug/l
RT: 4.38 min Scan# 1179
Delta R.T. -0.00 min
Lab File: VU025758.D
Acq: 31 Jul 2018 22:48

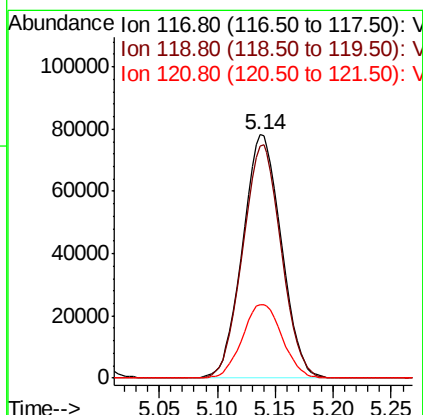
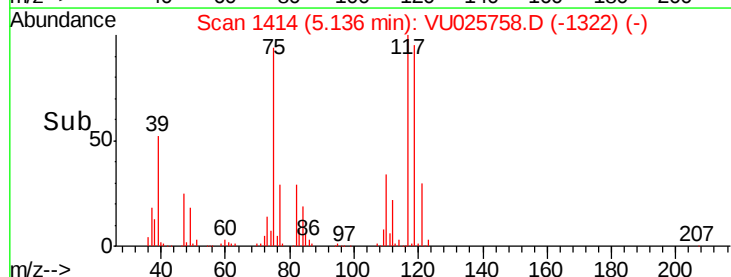
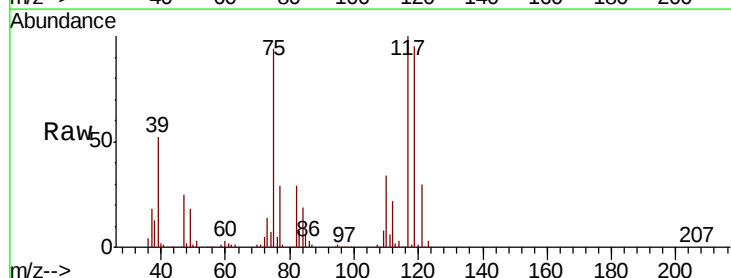
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

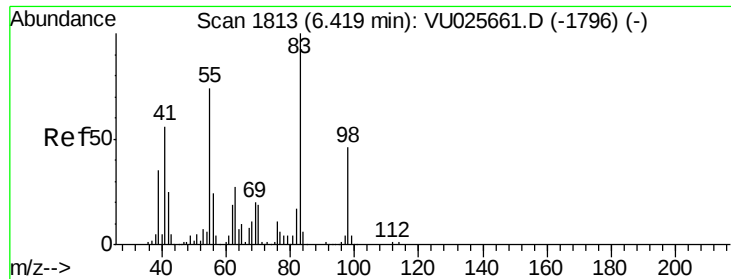
Tot Ion: 43 Resp: 163848
Ion Ratio Lower Upper
43 100
61 14.2 10.7 16.1
70 10.5 8.4 12.6



#38
Carbon Tetrachloride
Concen: 49.98 ug/l
RT: 5.14 min Scan# 1414
Delta R.T. -0.00 min
Lab File: VU025758.D
Acq: 31 Jul 2018 22:48

Tgt Ion: 117 Resp: 181763
Ion Ratio Lower Upper
117 100
119 95.4 75.7 113.5
121 30.4 24.6 36.8

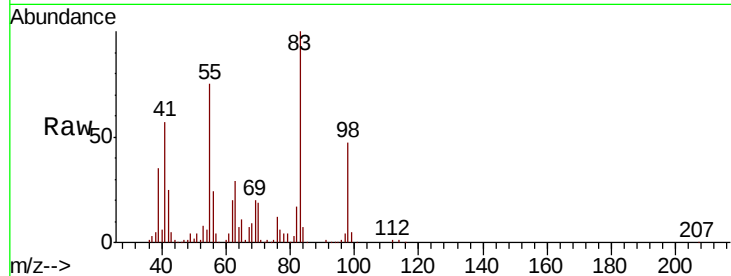




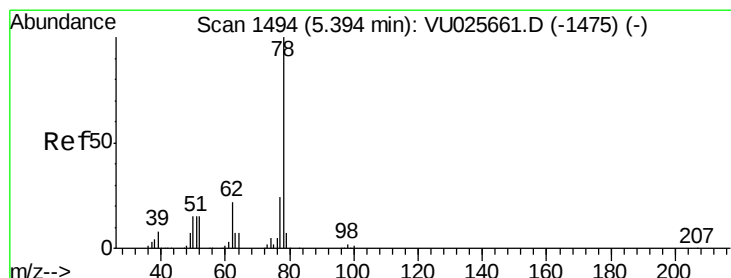
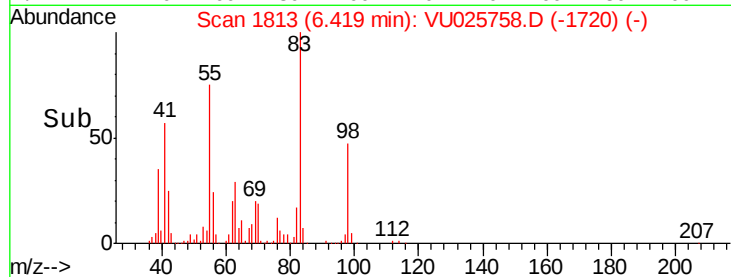
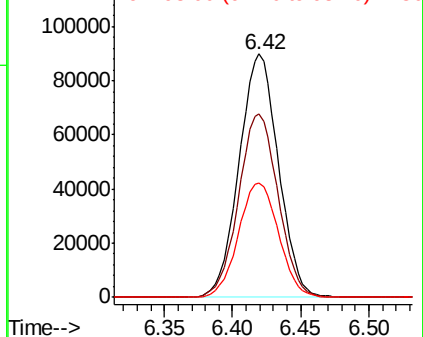
#39
Methvlcvclohexane
Concen: 48.94 ug/l
RT: 6.42 min Scan# 1813
Delta R.T. 0.00 min
Lab File: VU025758.D
Acq: 31 Jul 2018 22:48

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tot Ion: 83 Resp: 180044
Ion Ratio Lower Upper
83 100
55 75.5 60.0 90.0
98 46.8 36.1 54.1

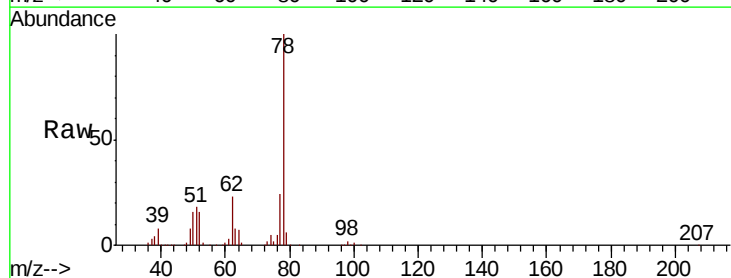


Abundance Ion 83.00 (82.70 to 83.70): VU0
Ion 55.00 (54.70 to 55.70): VU0
Ion 98.00 (97.70 to 98.70): VU0

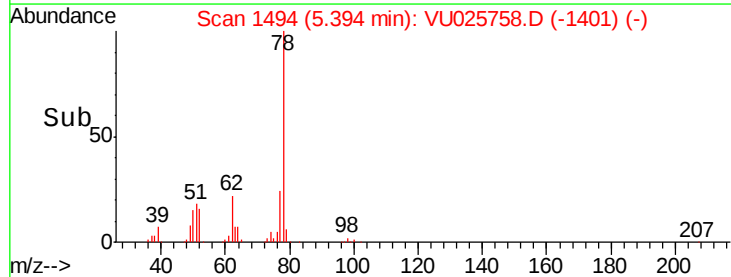
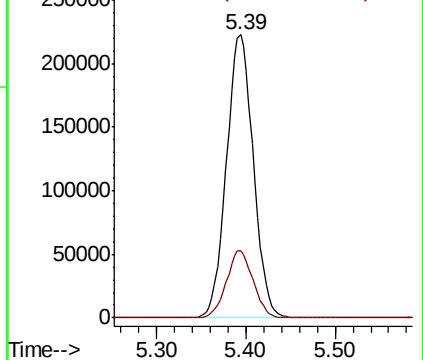


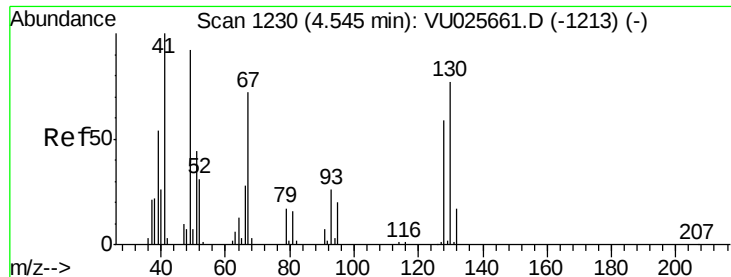
#40
Benzene
Concen: 49.50 ug/l
RT: 5.39 min Scan# 1494
Delta R.T. 0.00 min
Lab File: VU025758.D
Acq: 31 Jul 2018 22:48

Tgt Ion: 78 Resp: 464559
Ion Ratio Lower Upper
78 100
77 23.9 19.8 29.6



Abundance Ion 78.00 (77.70 to 78.70): VU0
Ion 77.00 (76.70 to 77.70): VU0





#41

Methacrylonitrile

Concen: 50.37 ug/l

RT: 4.54 min Scan# 1230

Delta R.T. 0.00 min

Lab File: VU025758.D

Acq: 31 Jul 2018 22:48

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

Tot Ion: 41 Resp: 93132

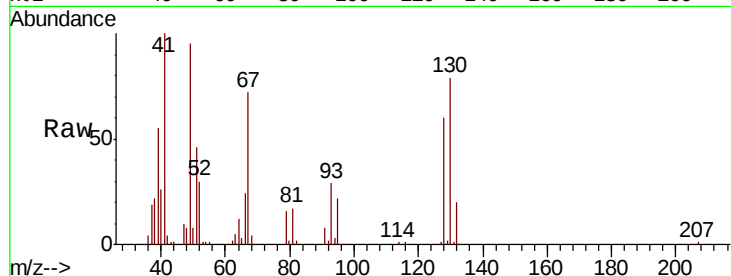
Ion Ratio Lower Upper

41 100

39 55.7 44.4 66.6

67 71.7 56.0 84.0

52 30.0 24.6 36.8

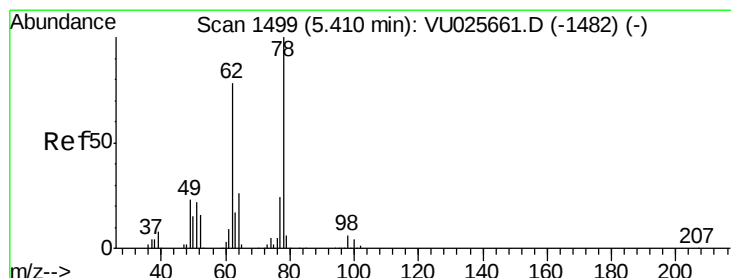
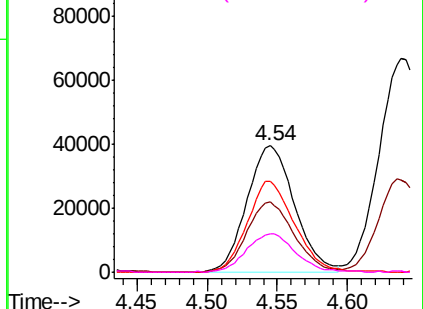
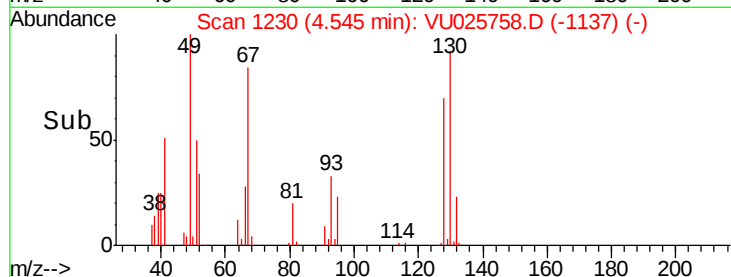


Abundance Ion 41.00 (40.70 to 41.70): VU0

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: 49.35 ug/l

RT: 5.41 min Scan# 1498

Delta R.T. -0.00 min

Lab File: VU025758.D

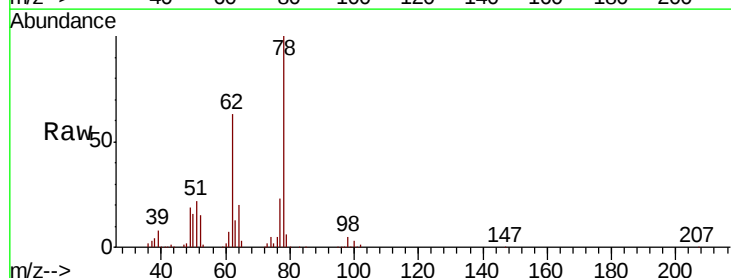
Acq: 31 Jul 2018 22:48

Tgt Ion: 62 Resp: 178329

Ion Ratio Lower Upper

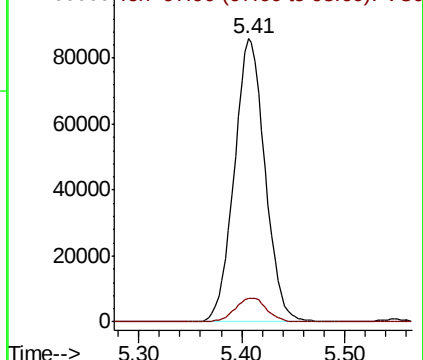
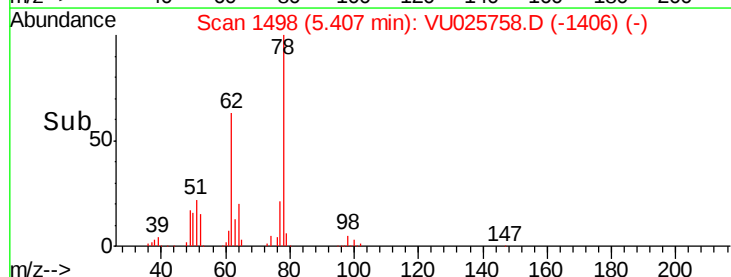
62 100

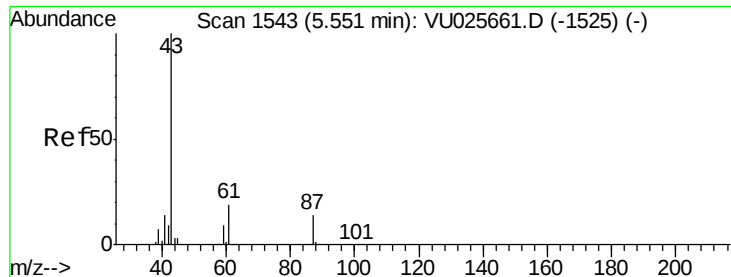
98 8.5 0.0 16.4



Abundance Ion 61.90 (61.60 to 62.60): VU0

Ion 97.90 (97.60 to 98.60): VU0





#43

Isopropyl Acetate

Concen: 49.35 ug/l

RT: 5.55 min Scan# 1543

Delta R.T. 0.00 min

Lab File: VU025758.D

Acq: 31 Jul 2018 22:48

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

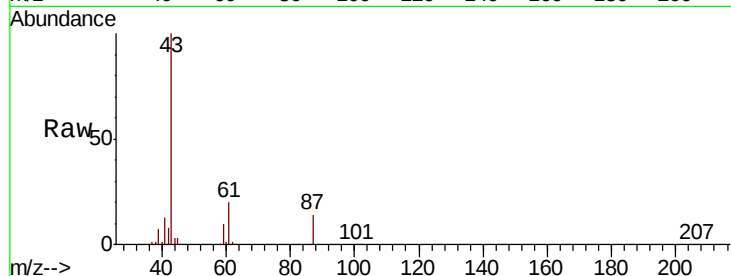
Tot Ion: 43 Resp: 271509

Ion Ratio Lower Upper

43 100

61 19.9 15.5 23.3

87 13.7 10.6 16.0

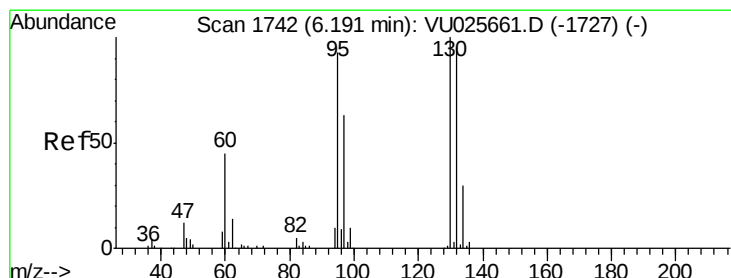
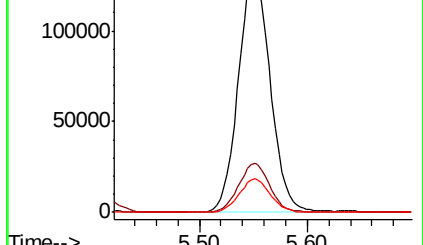
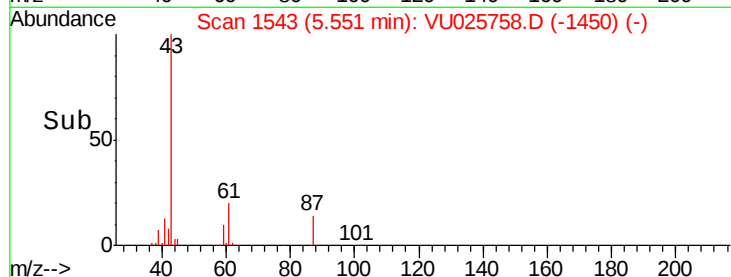


Abundance Ion 43.00 (42.70 to 43.70): VU025661.D (-1525) (-)

Ion 61.00 (60.70 to 61.70): VU025661.D (-1525) (-)

Ion 87.00 (86.70 to 87.70): VU025661.D (-1525) (-)

5.55



#44

Trichloroethene

Concen: 50.15 ug/l

RT: 6.19 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VU025758.D

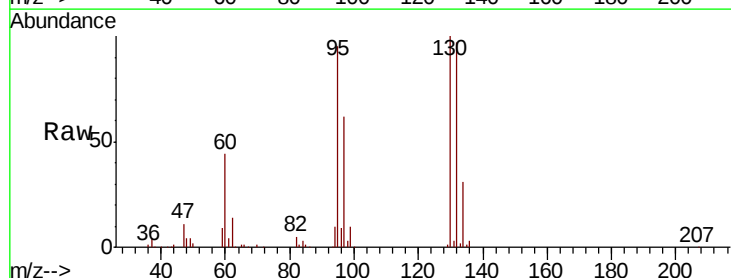
Acq: 31 Jul 2018 22:48

Tgt Ion: 130 Resp: 131070

Ion Ratio Lower Upper

130 100

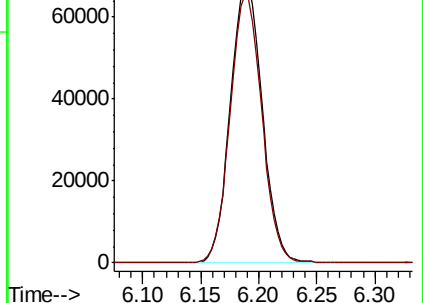
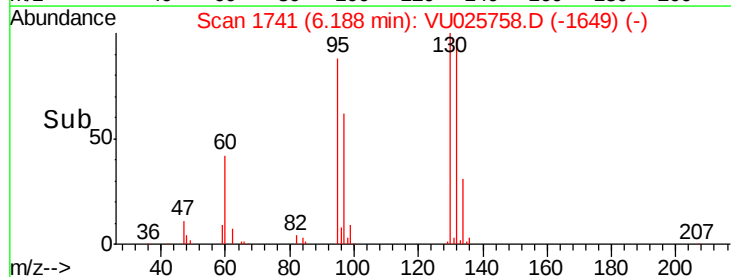
95 94.8 0.0 192.2

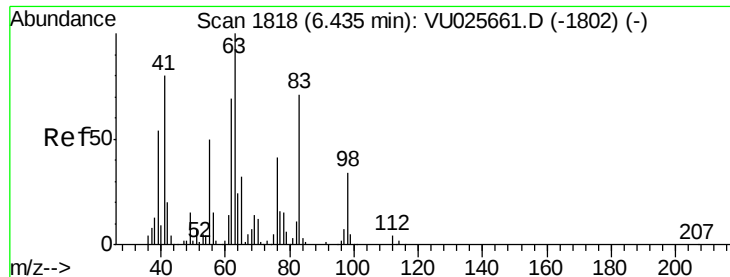


Abundance Ion 129.80 (129.50 to 130.50): VU025661.D (-1727) (-)

Ion 94.90 (94.60 to 95.60): VU025661.D (-1727) (-)

6.19





#45

1,2-Dichloropropane

Concen: 49.25 ug/l

RT: 6.44 min Scan# 1818

Delta R.T. 0.00 min

Lab File: VU025758.D

Acq: 31 Jul 2018 22:48

Instrument :

MSVOA_U

ClientSampleId :

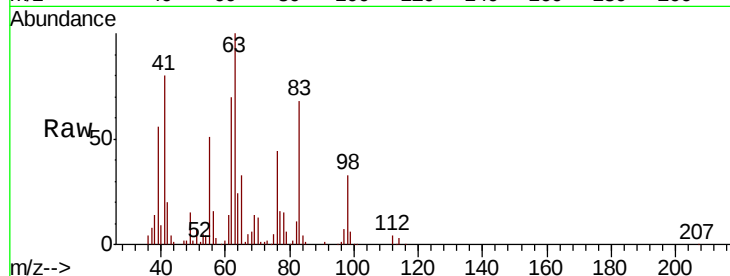
VSTDCCC050EC

Tot Ion: 63 Resp: 120548

Ion Ratio Lower Upper

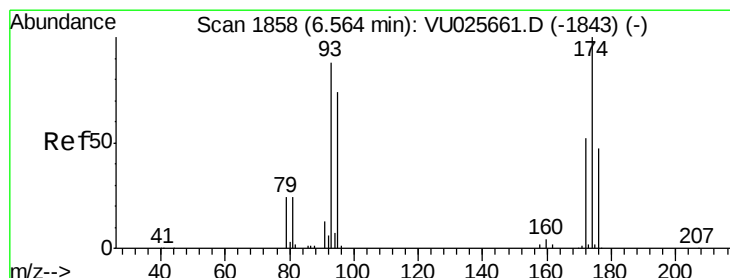
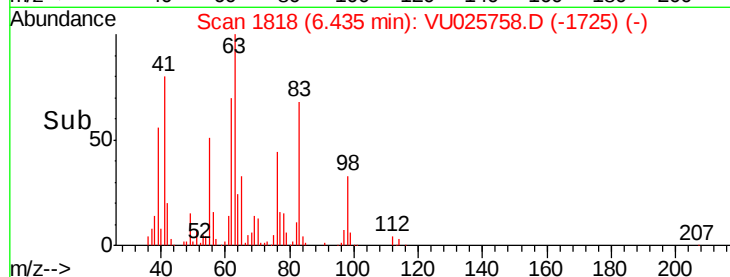
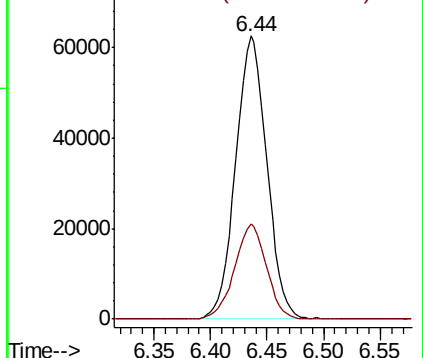
63 100

65 33.4 26.1 39.1



Abundance Ion 62.90 (62.60 to 63.60): VU0

Ion 64.90 (64.60 to 65.60): VU0



#46

Dibromomethane

Concen: 49.40 ug/l

RT: 6.56 min Scan# 1857

Delta R.T. -0.00 min

Lab File: VU025758.D

Acq: 31 Jul 2018 22:48

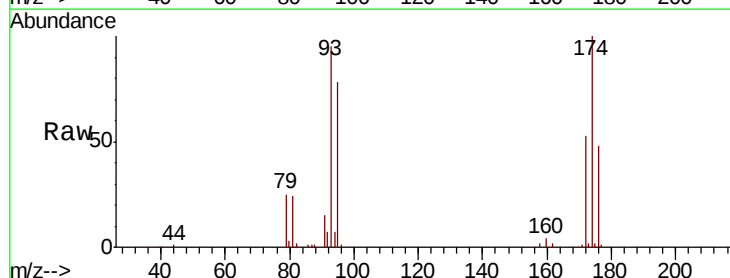
Tgt Ion: 93 Resp: 87603

Ion Ratio Lower Upper

93 100

95 84.0 66.6 100.0

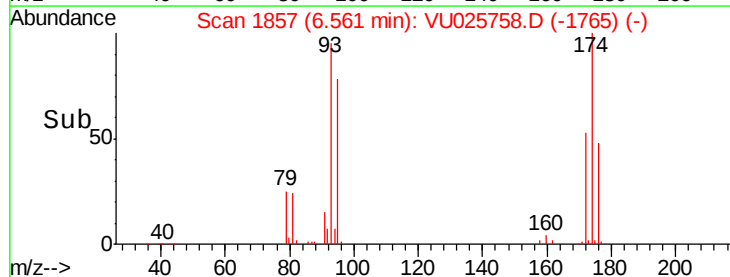
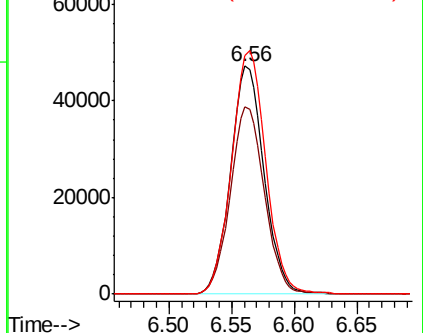
174 109.3 85.8 128.8

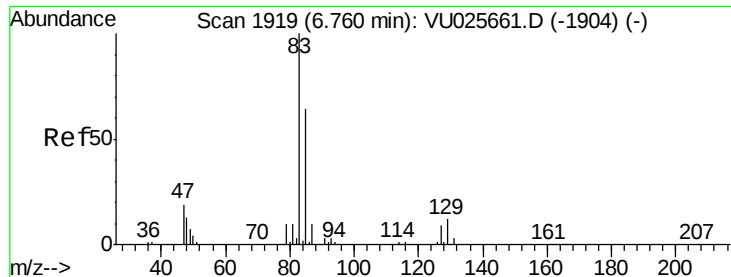


Abundance Ion 92.80 (92.50 to 93.50): VU0

Ion 94.80 (94.50 to 95.50): VU0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 50.11 ug/l

RT: 6.76 min Scan# 1919

Delta R.T. 0.00 min

Lab File: VU025758.D

Acq: 31 Jul 2018 22:48

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

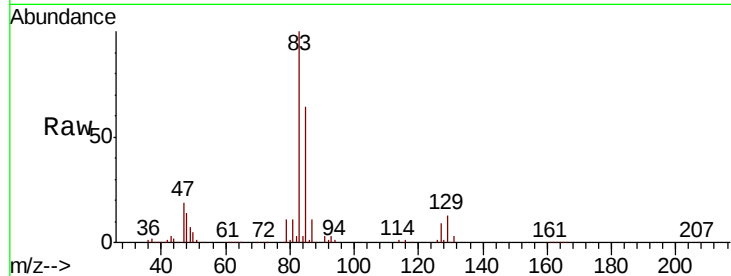
Tot Ion: 83 Resp: 169538

Ion Ratio Lower Upper

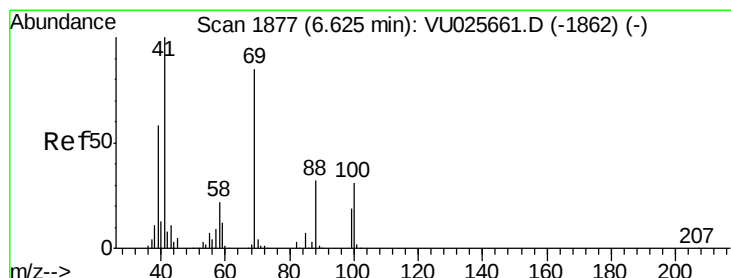
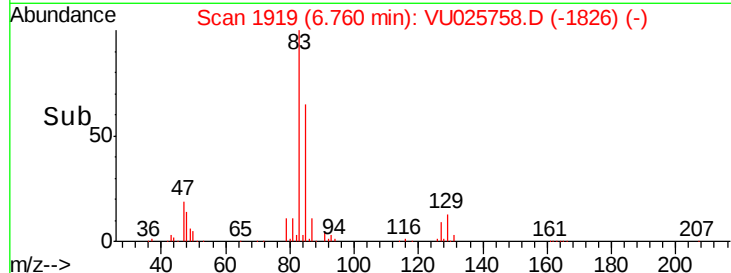
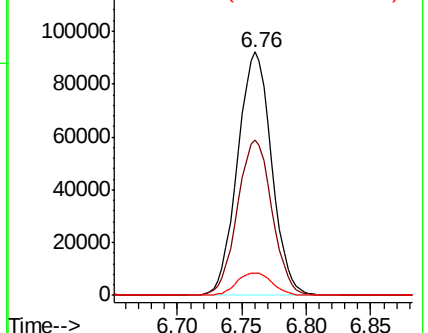
83 100

85 63.9 50.2 75.4

127 9.4 7.2 10.8



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



#48

Methyl methacrylate

Concen: 51.71 ug/l

RT: 6.63 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VU025758.D

Acq: 31 Jul 2018 22:48

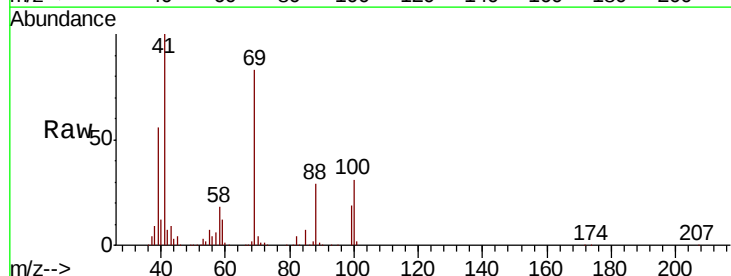
Tgt Ion: 41 Resp: 139419

Ion Ratio Lower Upper

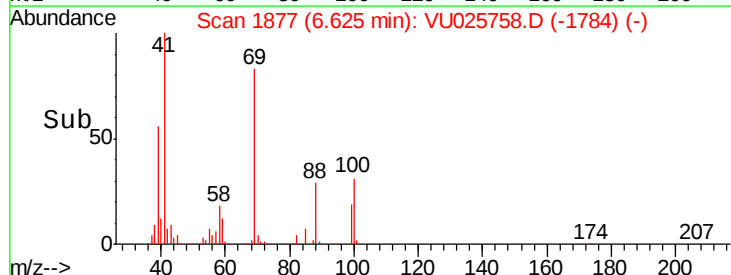
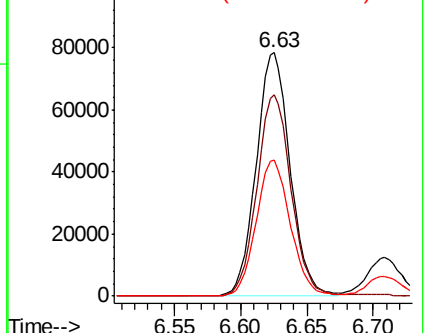
41 100

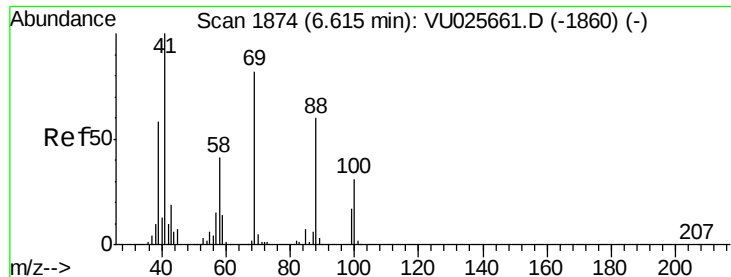
69 83.5 65.0 97.4

39 56.3 46.4 69.6



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

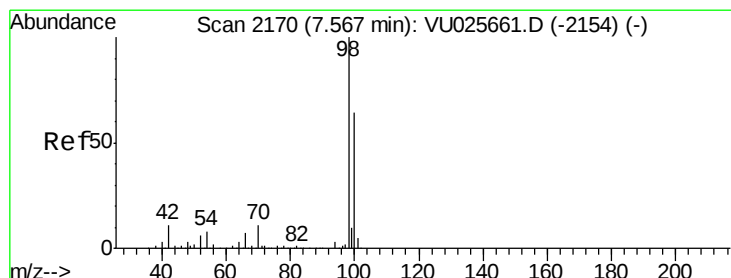
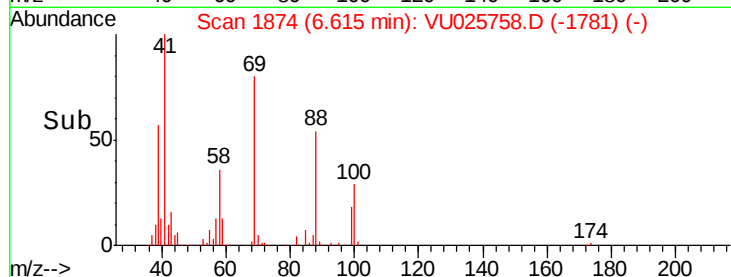
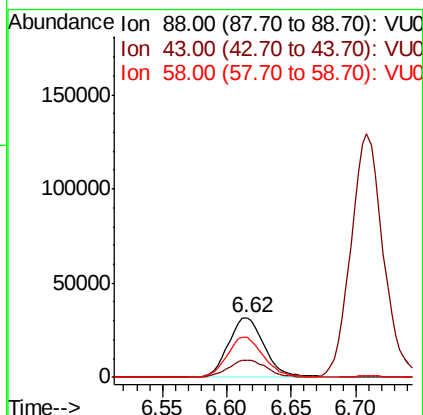
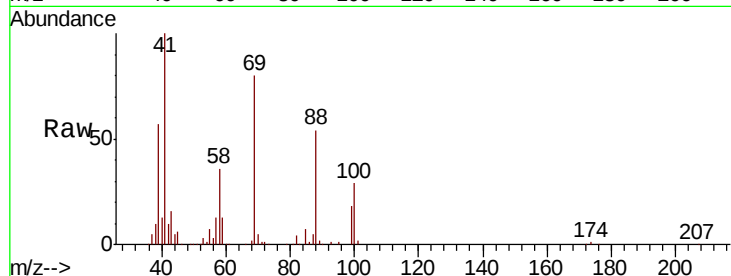




#49
1,4-Dioxane
Concen: 918.19 ug/l
RT: 6.62 min Scan# 1874
Delta R.T. 0.00 min
Lab File: VU025758.D
Acq: 31 Jul 2018 22:48

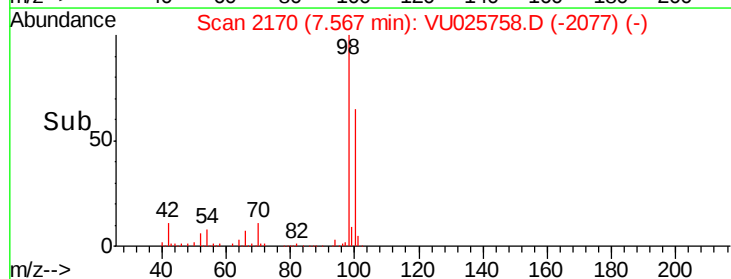
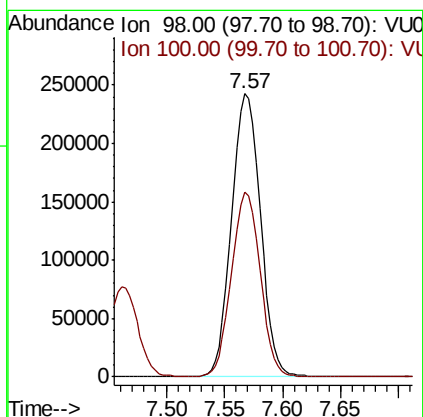
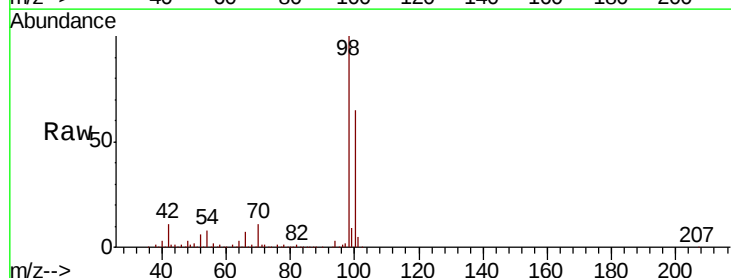
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

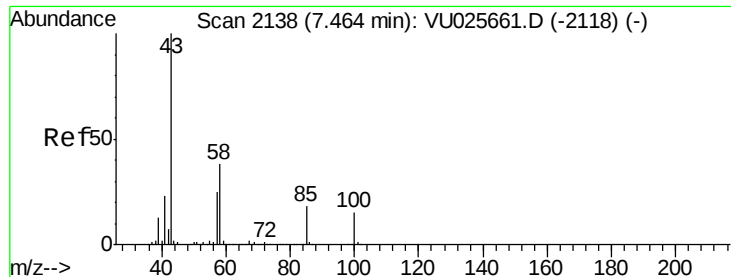
Tot Ion: 88 Resp: 60246
Ion Ratio Lower Upper
88 100
43 31.8 27.3 40.9
58 68.8 57.6 86.4



#50
Toluene-d8
Concen: 50.28 ug/l
RT: 7.57 min Scan# 2170
Delta R.T. 0.00 min
Lab File: VU025758.D
Acq: 31 Jul 2018 22:48

Tgt Ion: 98 Resp: 420436
Ion Ratio Lower Upper
98 100
100 64.7 51.1 76.7





#51

4-Methyl-2-Pentanone

Concen: 250.71 ug/l

RT: 7.46 min Scan# 2137

Delta R.T. -0.00 min

Lab File: VU025758.D

Acq: 31 Jul 2018 22:48

Instrument :

MSVOA_U

ClientSampleId :

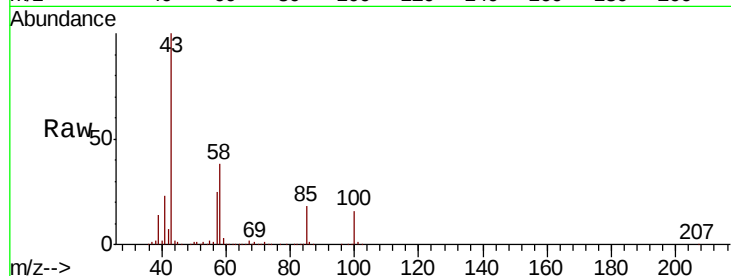
VSTDCCC050EC

Tot Ion: 43 Resp: 863502

Ion Ratio Lower Upper

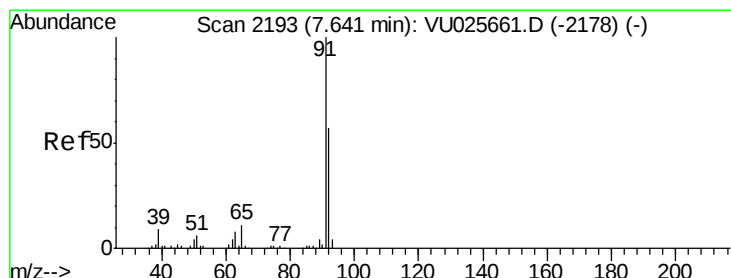
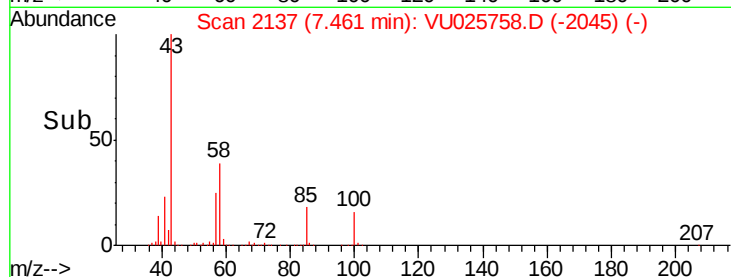
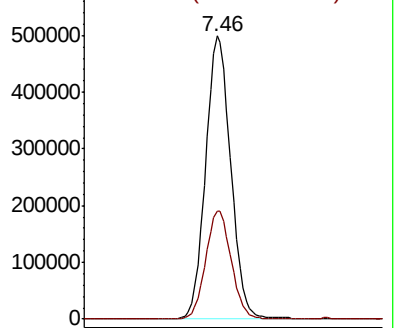
43 100

58 38.8 31.0 46.4



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0



#52

Toluene

Concen: 50.98 ug/l

RT: 7.64 min Scan# 2193

Delta R.T. 0.00 min

Lab File: VU025758.D

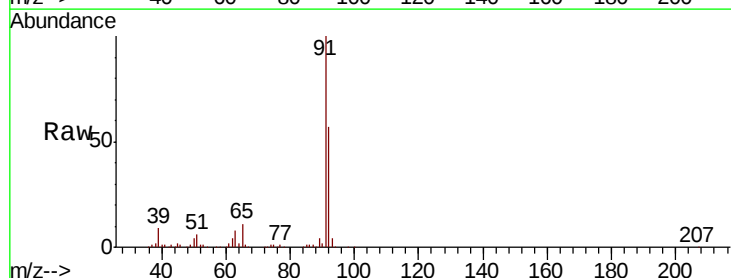
Acq: 31 Jul 2018 22:48

Tgt Ion: 92 Resp: 297222

Ion Ratio Lower Upper

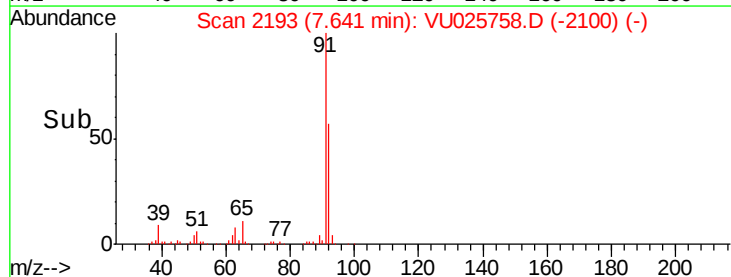
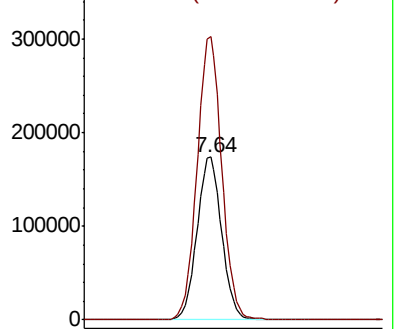
92 100

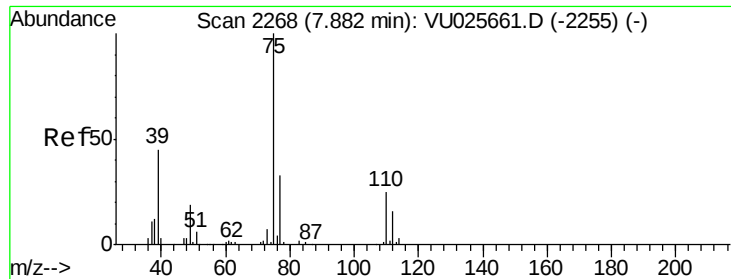
91 173.5 139.2 208.8



Abundance Ion 92.00 (91.70 to 92.70): VU0

Ion 91.00 (90.70 to 91.70): VU0





#53

t-1,3-Dichloropropene

Concen: 50.08 ug/l

RT: 7.88 min Scan# 2268

Delta R.T. 0.00 min

Lab File: VU025758.D

Acq: 31 Jul 2018 22:48

Instrument :

MSVOA_U

ClientSampleId :

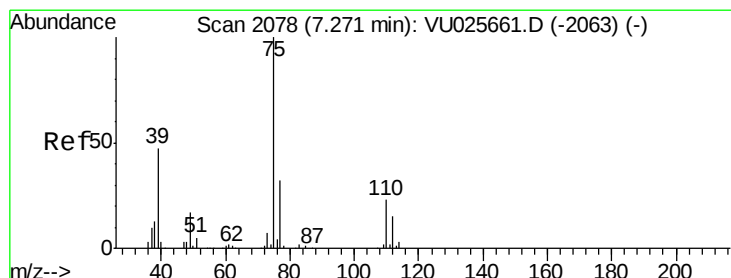
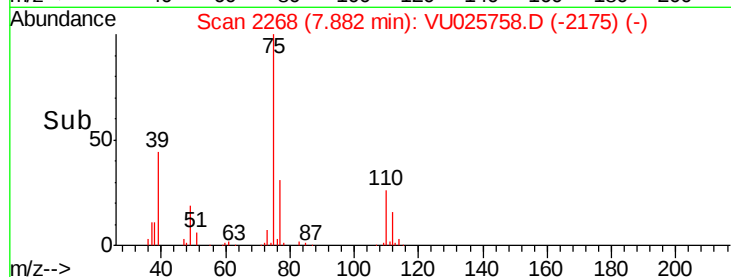
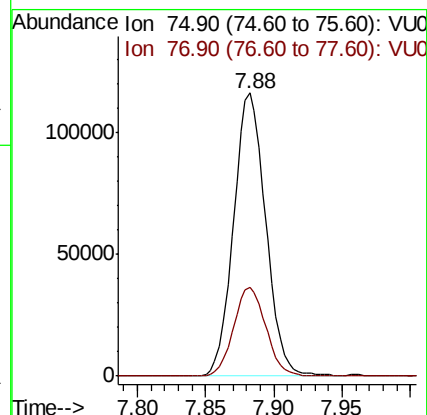
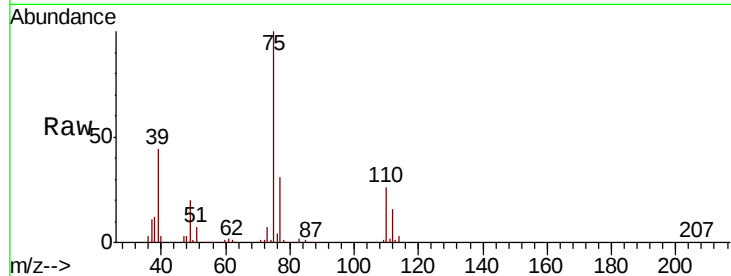
VSTDCCC050EC

Tot Ion: 75 Resp: 190226

Ion Ratio Lower Upper

75 100

77 31.3 24.5 36.7



#54

cis-1,3-Dichloropropene

Concen: 50.79 ug/l

RT: 7.27 min Scan# 2078

Delta R.T. 0.00 min

Lab File: VU025758.D

Acq: 31 Jul 2018 22:48

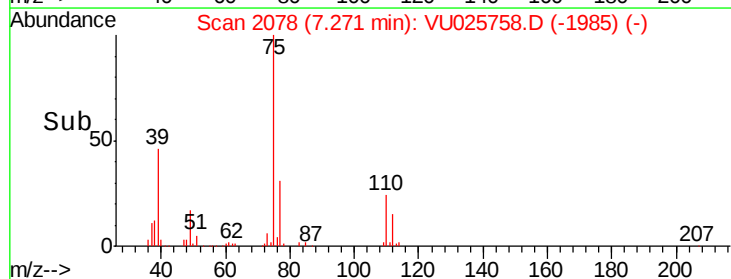
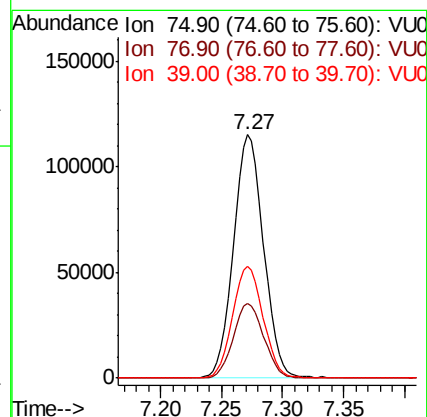
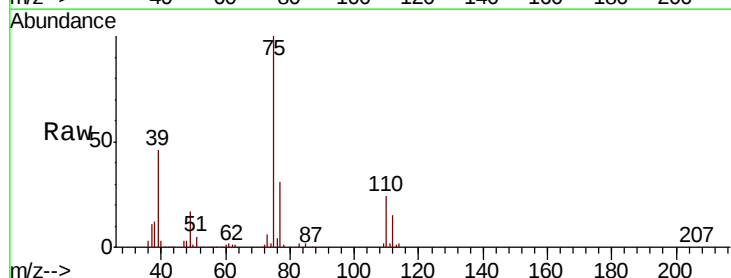
Tgt Ion: 75 Resp: 198169

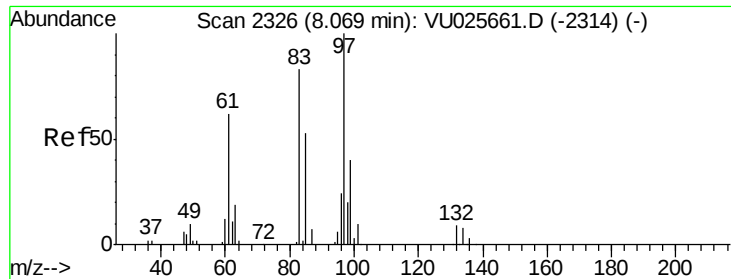
Ion Ratio Lower Upper

75 100

77 30.8 25.6 38.4

39 46.0 40.0 60.0

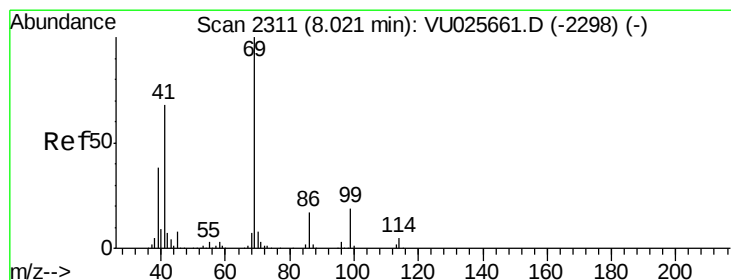
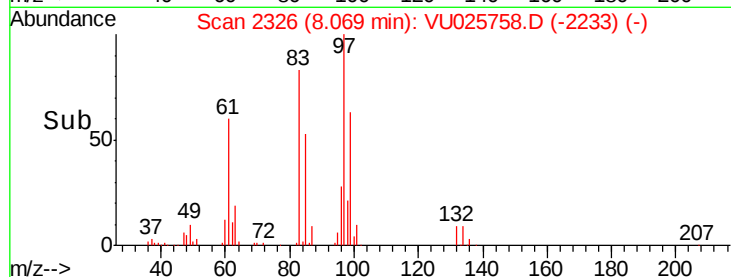
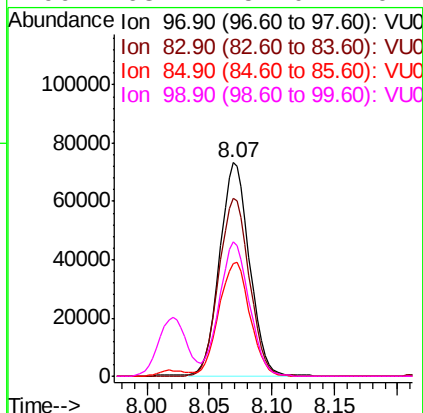
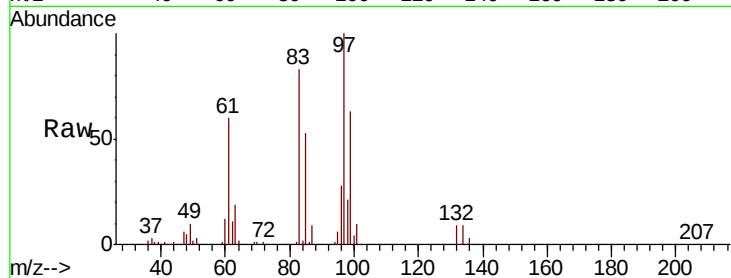




#55
 1,1,2-Trichloroethane
 Concen: 50.36 ug/l
 RT: 8.07 min Scan# 2326
 Delta R.T. 0.00 min
 Lab File: VU025758.D
 Acq: 31 Jul 2018 22:48

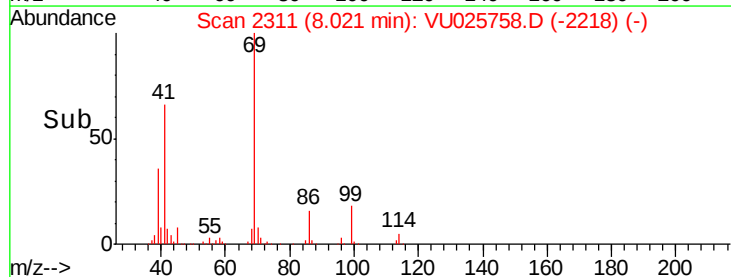
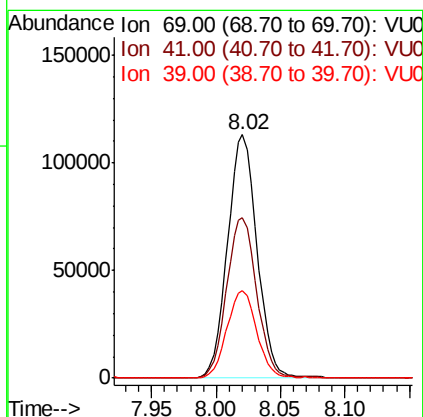
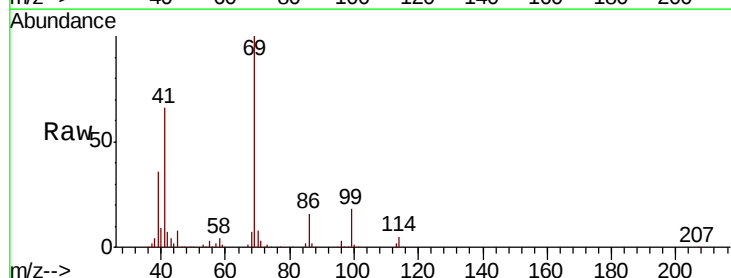
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

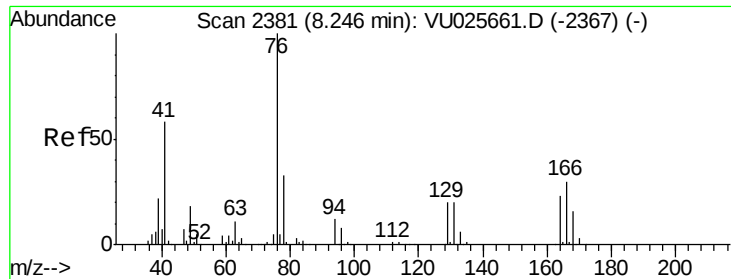
Tot Ion:	97	Resp:	122025
Ion	Ratio	Lower	Upper
97	100		
83	83.2	68.9	103.3
85	52.9	44.4	66.6
99	63.2	51.0	76.4



#56
 Ethyl methacrylate
 Concen: 51.95 ug/l
 RT: 8.02 min Scan# 2311
 Delta R.T. 0.00 min
 Lab File: VU025758.D
 Acq: 31 Jul 2018 22:48

Tgt Ion:	69	Resp:	179857
Ion	Ratio	Lower	Upper
69	100		
41	67.0	54.8	82.2
39	35.7	31.1	46.7

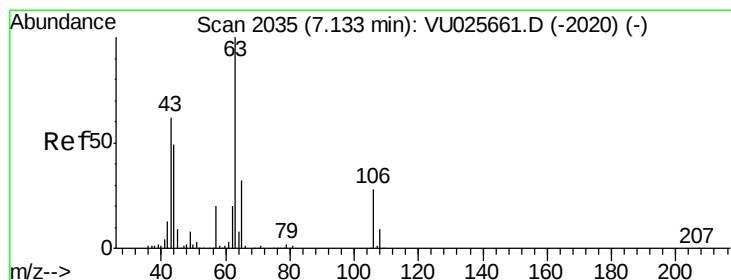
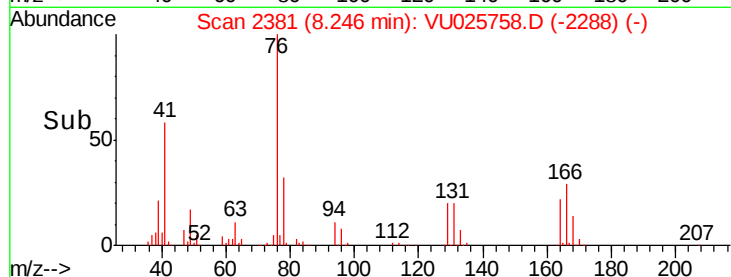
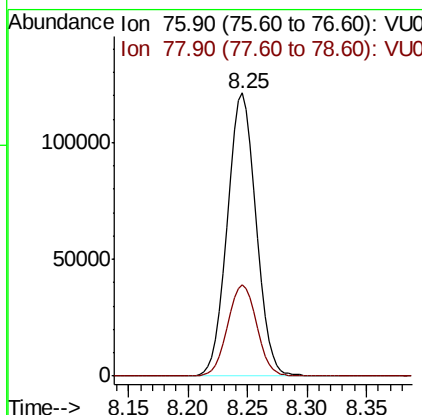
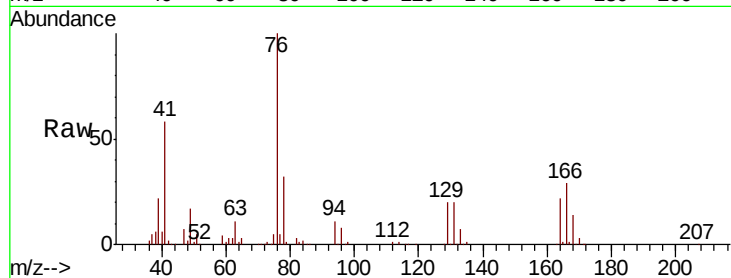




#57
 1,3-Dichloropropane
 Concen: 49.87 ug/l
 RT: 8.25 min Scan# 2381
 Delta R.T. 0.00 min
 Lab File: VU025758.D
 Acq: 31 Jul 2018 22:48

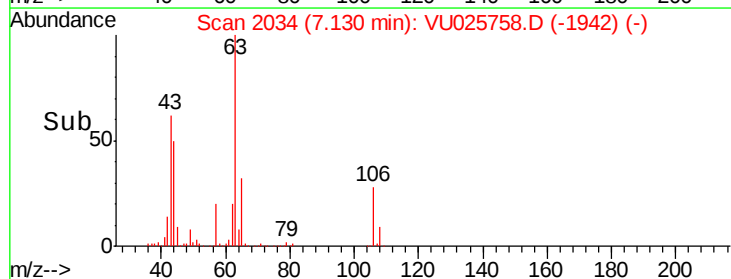
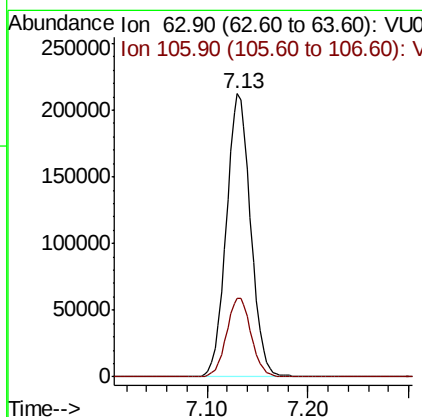
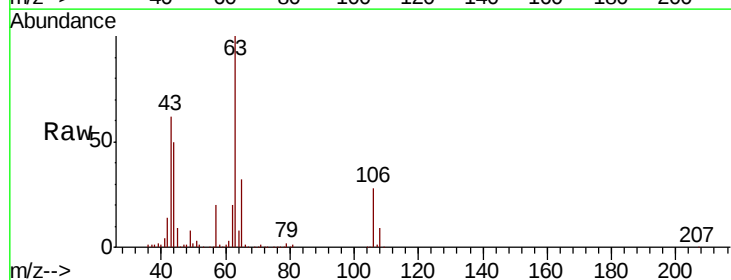
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

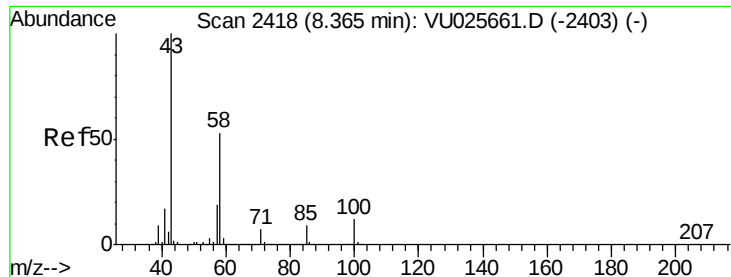
Tot Ion: 76 Resp: 203199
 Ion Ratio Lower Upper
 76 100
 78 32.8 26.1 39.1



#58
 2-Chloroethyl Vinyl ether
 Concen: 228.31 ug/l
 RT: 7.13 min Scan# 2034
 Delta R.T. -0.00 min
 Lab File: VU025758.D
 Acq: 31 Jul 2018 22:48

Tgt Ion: 63 Resp: 356938
 Ion Ratio Lower Upper
 63 100
 106 28.2 22.3 33.5

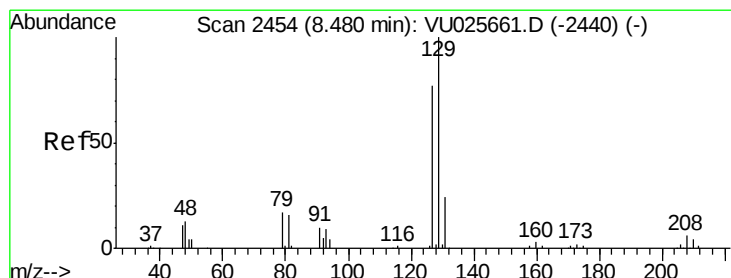
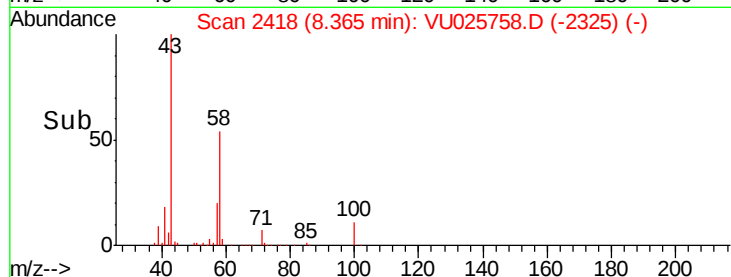
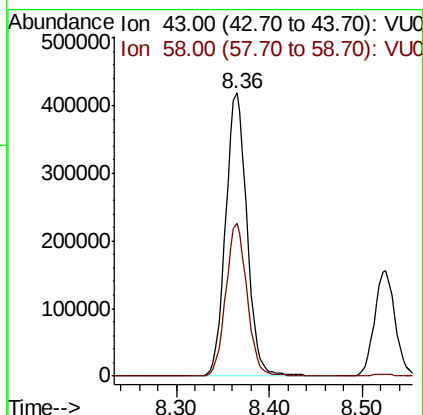
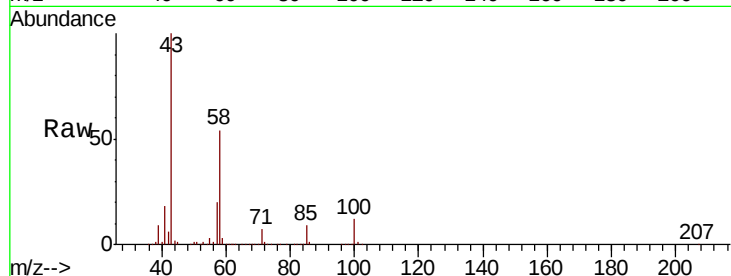




#59
2-Hexanone
Concen: 247.21 ug/l
RT: 8.36 min Scan# 2418
Delta R.T. 0.00 min
Lab File: VU025758.D
Acq: 31 Jul 2018 22:48

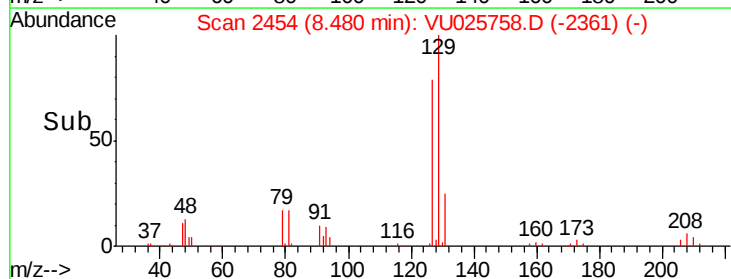
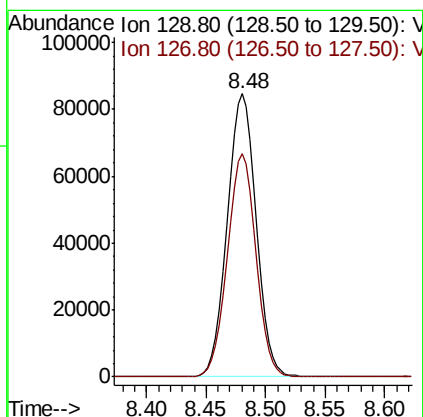
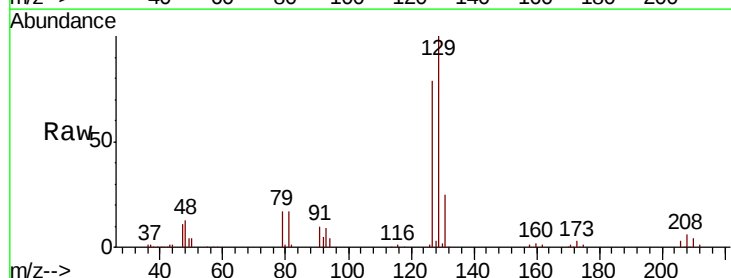
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

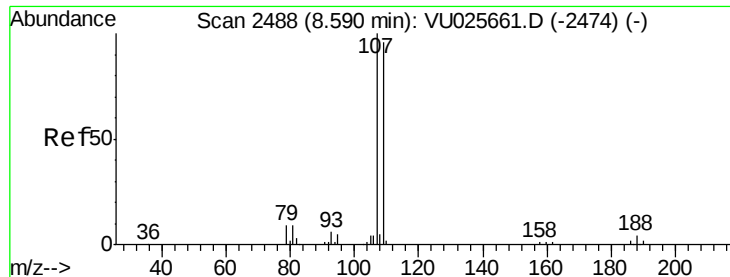
Tot Ion: 43 Resp: 667431
Ion Ratio Lower Upper
43 100
58 53.8 26.2 78.5



#60
Dibromochloromethane
Concen: 49.94 ug/l
RT: 8.48 min Scan# 2454
Delta R.T. 0.00 min
Lab File: VU025758.D
Acq: 31 Jul 2018 22:48

Tgt Ion: 129 Resp: 142693
Ion Ratio Lower Upper
129 100
127 78.0 38.6 115.8





#61

1,2-Dibromoethane

Concen: 50.05 ug/l

RT: 8.59 min Scan# 2488

Delta R.T. 0.00 min

Lab File: VU025758.D

Acq: 31 Jul 2018 22:48

Instrument :

MSVOA_U

ClientSampleId :

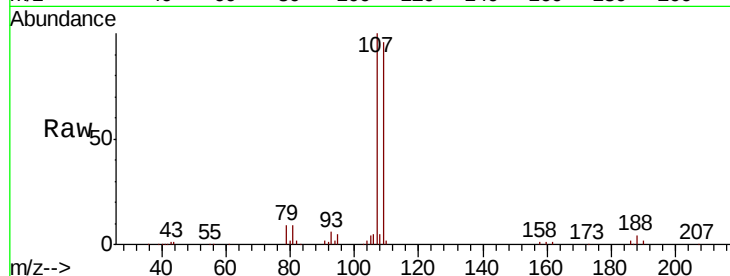
VSTDCCC050EC

Tot Ion:107 Resp: 134872

Ion Ratio Lower Upper

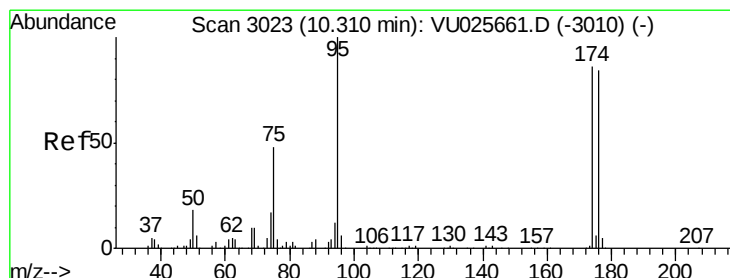
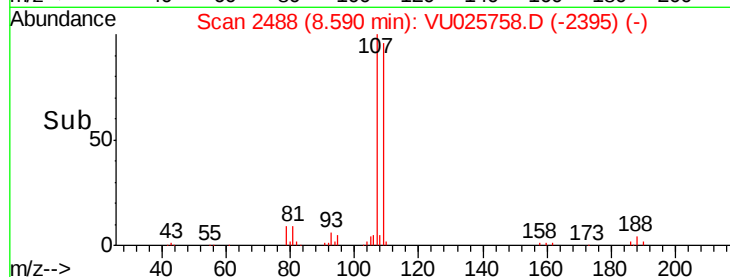
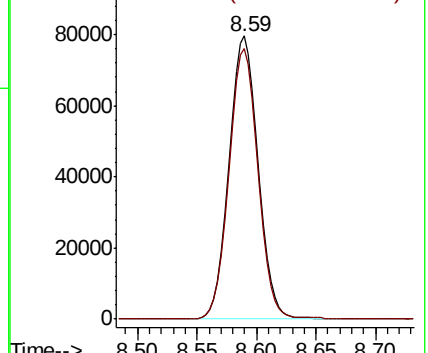
107 100

109 94.9 75.8 113.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 51.17 ug/l

RT: 10.31 min Scan# 3023

Delta R.T. 0.00 min

Lab File: VU025758.D

Acq: 31 Jul 2018 22:48

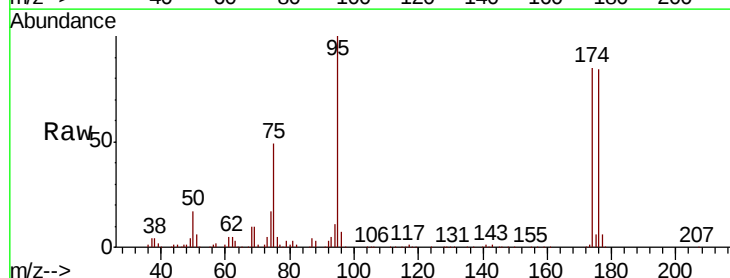
Tgt Ion: 95 Resp: 166077

Ion Ratio Lower Upper

95 100

174 87.0 0.0 172.2

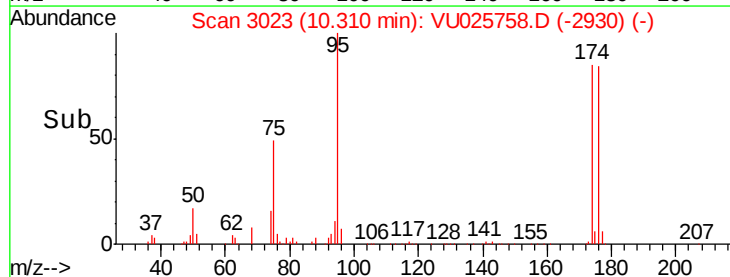
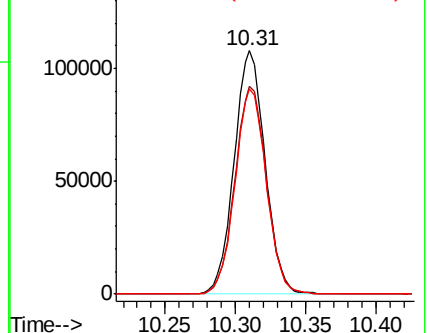
176 84.9 0.0 162.6

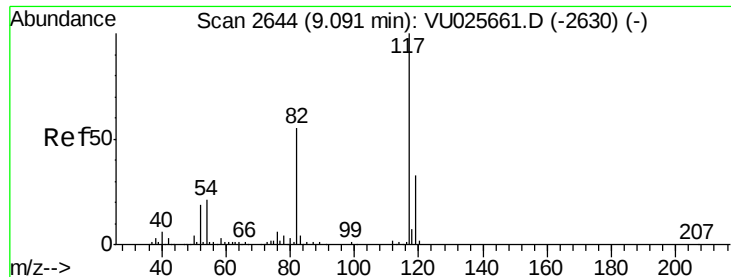


Abundance Ion 94.90 (94.60 to 95.60): VU0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

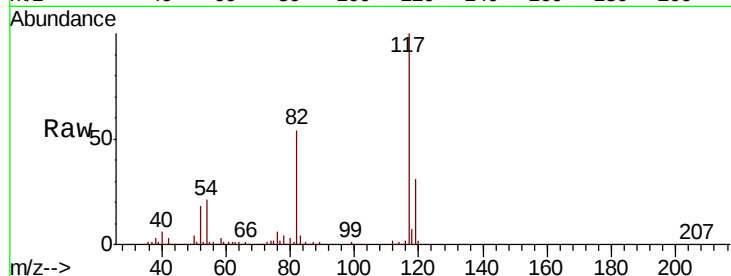




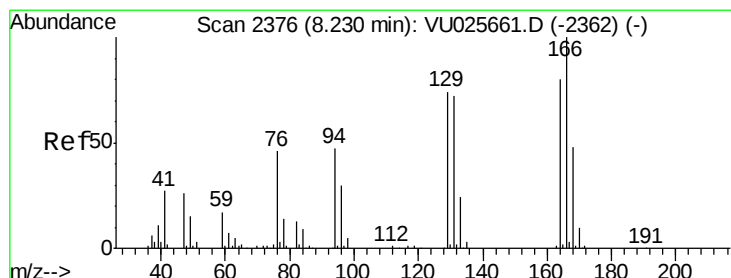
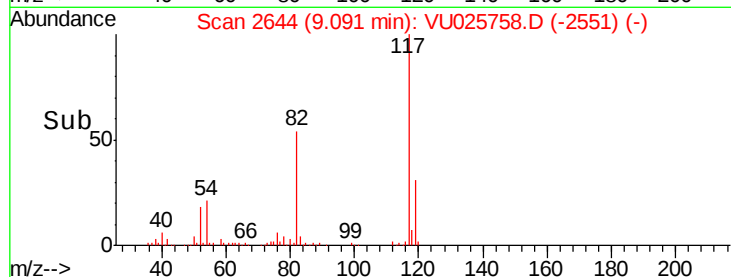
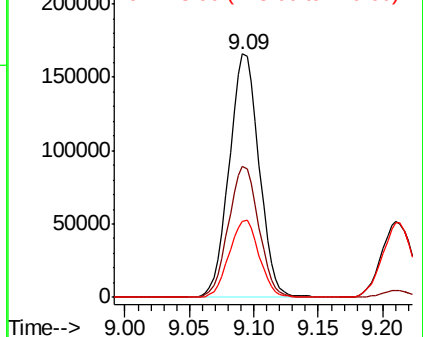
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.09 min Scan# 2644
Delta R.T. 0.00 min
Lab File: VU025758.D
Acq: 31 Jul 2018 22:48

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tot Ion:117 Resp: 267286
Ion Ratio Lower Upper
117 100
82 53.8 46.0 69.0
119 31.4 26.0 39.0

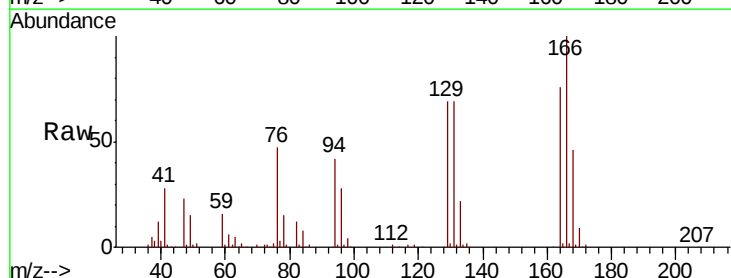


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VU0
Ion 118.90 (118.60 to 119.60): V

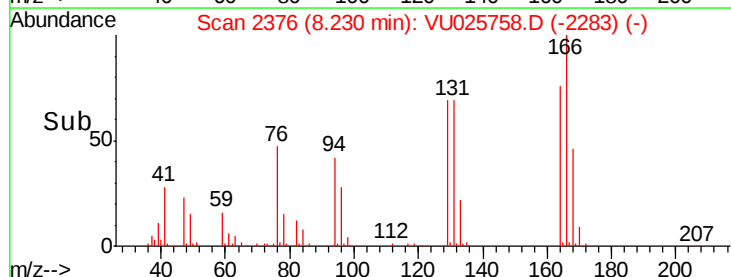
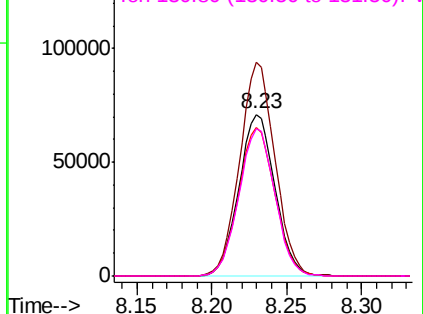


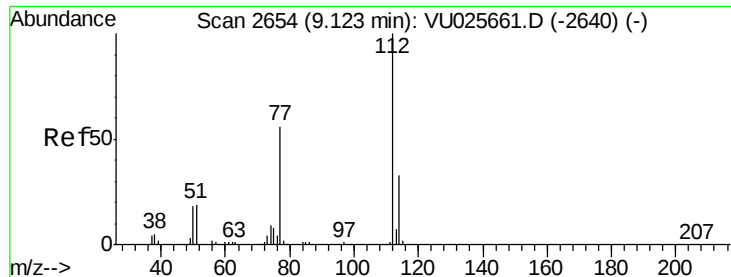
#64
Tetrachloroethene
Concen: 50.61 ug/l
RT: 8.23 min Scan# 2376
Delta R.T. 0.00 min
Lab File: VU025758.D
Acq: 31 Jul 2018 22:48

Tgt Ion:164 Resp: 119072
Ion Ratio Lower Upper
164 100
166 132.4 101.1 151.7
129 91.8 73.0 109.6
131 91.2 72.1 108.1



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





#65

Chlorobenzene

Concen: 49.86 ug/l

RT: 9.12 min Scan# 2653

Delta R.T. -0.00 min

Lab File: VU025758.D

Acq: 31 Jul 2018 22:48

Instrument :

MSVOA_U

ClientSampleId :

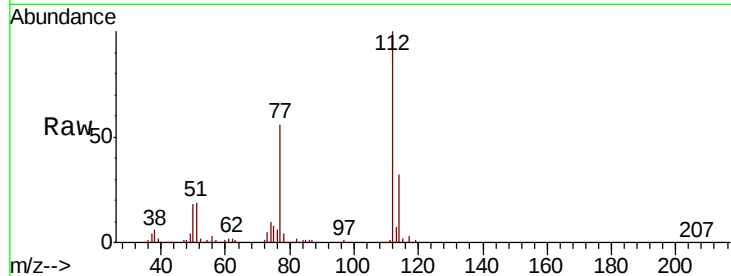
VSTDCCC050EC

Tot Ion:112 Resp: 343600

Ion Ratio Lower Upper

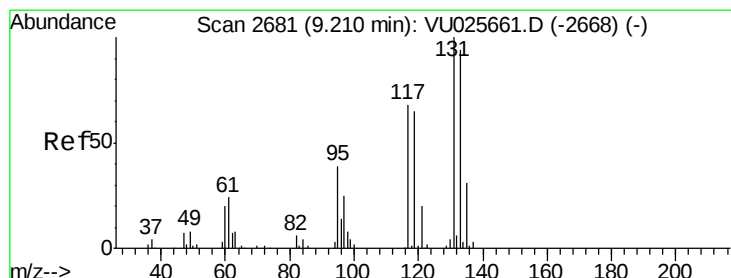
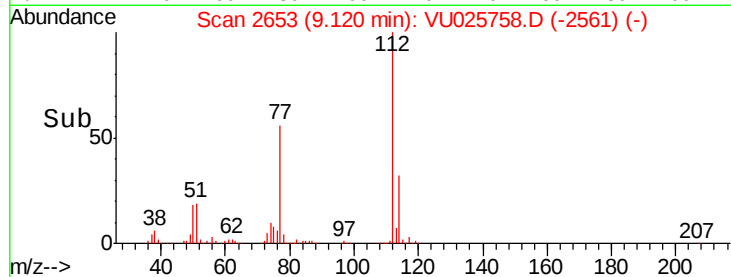
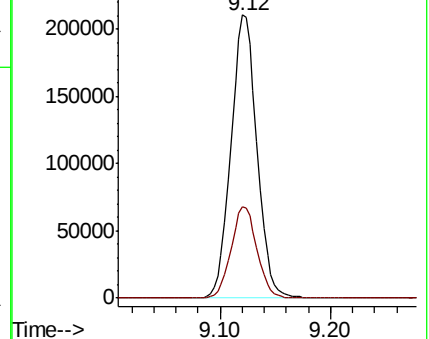
112 100

114 32.3 25.8 38.8



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 51.42 ug/l

RT: 9.21 min Scan# 2681

Delta R.T. 0.00 min

Lab File: VU025758.D

Acq: 31 Jul 2018 22:48

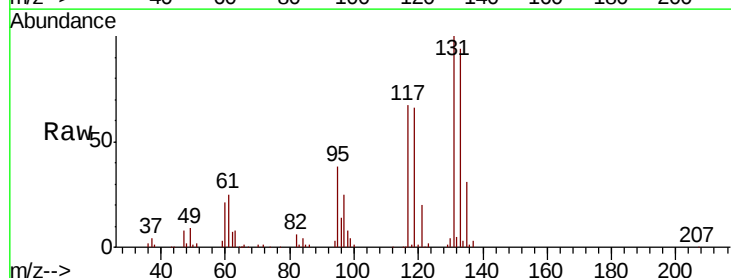
Tgt Ion:131 Resp: 128184

Ion Ratio Lower Upper

131 100

133 95.6 47.8 143.3

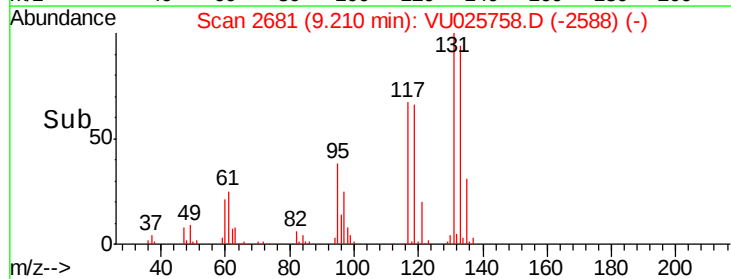
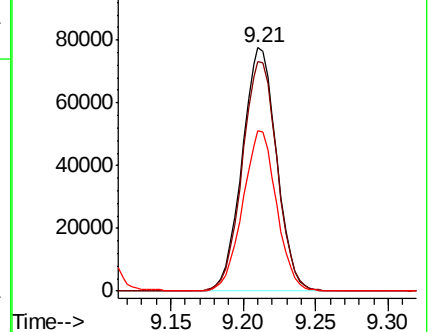
119 64.9 31.6 95.0

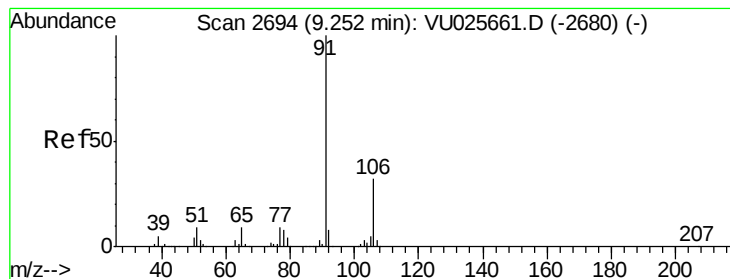


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 50.91 ug/l

RT: 9.25 min Scan# 2694

Delta R.T. 0.00 min

Lab File: VU025758.D

Acq: 31 Jul 2018 22:48

Instrument :

MSVOA_U

ClientSampleId :

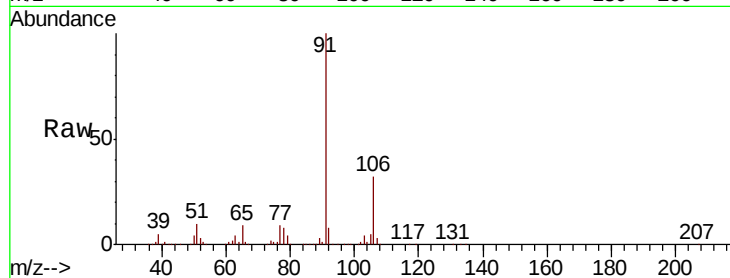
VSTDCCC050EC

Tot Ion: 91 Resp: 581158

Ion Ratio Lower Upper

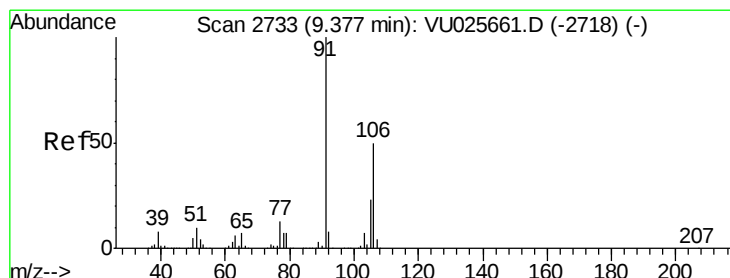
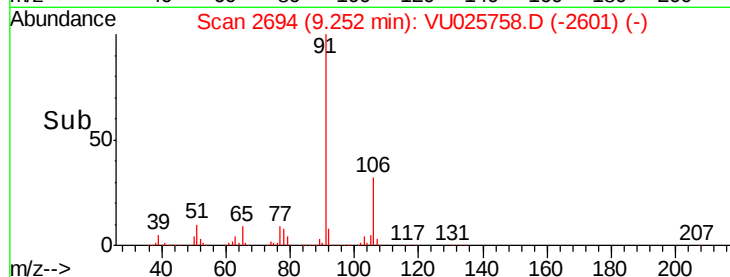
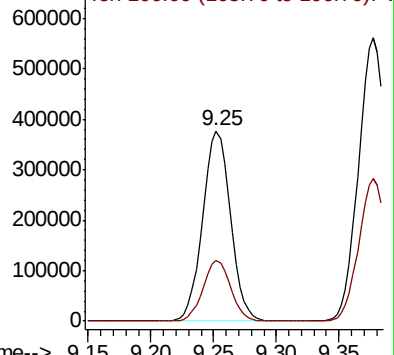
91 100

106 31.7 25.3 37.9



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 104.76 ug/l

RT: 9.38 min Scan# 2733

Delta R.T. 0.00 min

Lab File: VU025758.D

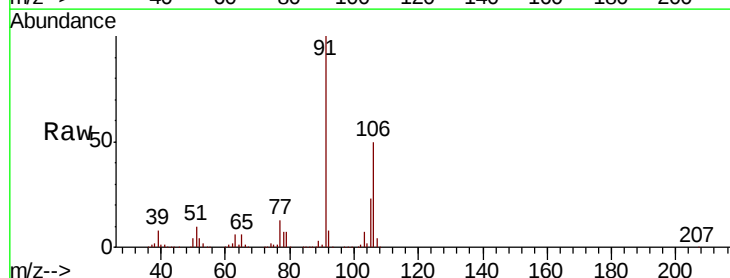
Acq: 31 Jul 2018 22:48

Tgt Ion: 106 Resp: 459119

Ion Ratio Lower Upper

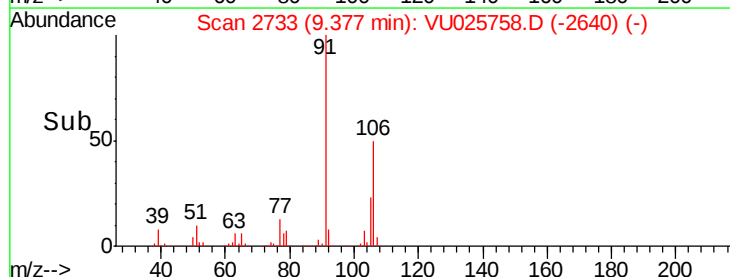
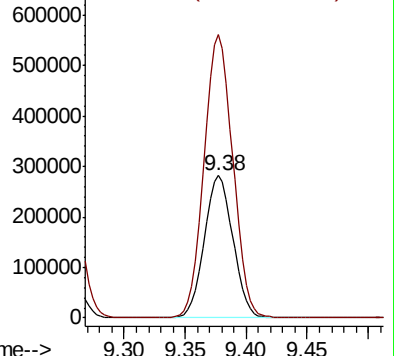
106 100

91 200.2 162.3 243.5



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VU0

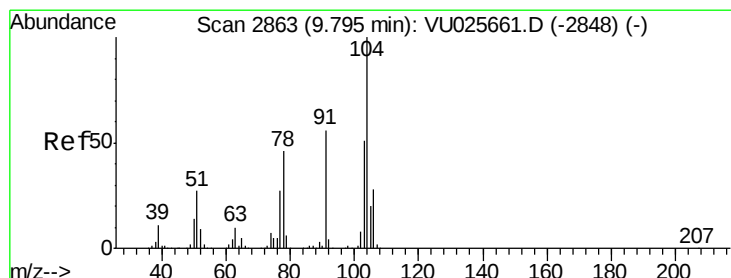
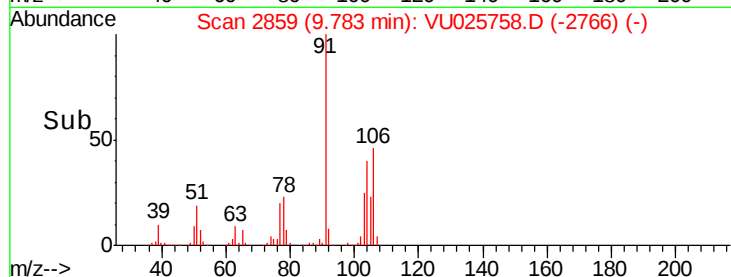
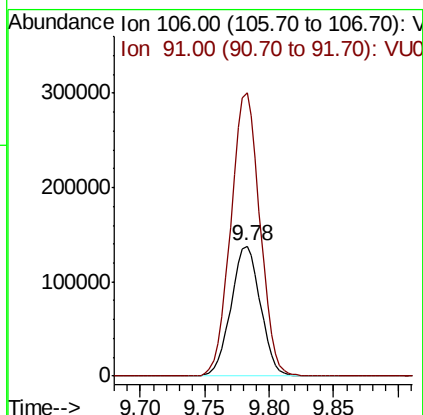
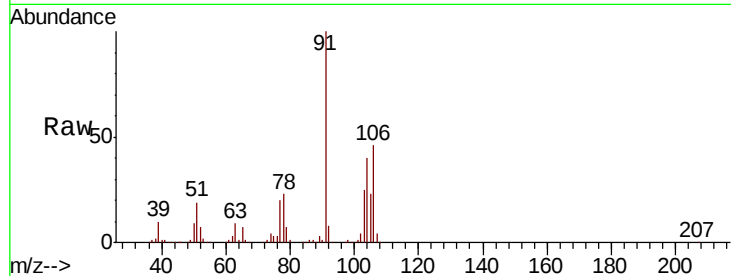




#69
o-Xylene
Concen: 51.09 ug/l
RT: 9.78 min Scan# 2859
Delta R.T. 0.00 min
Lab File: VU025758.D
Acq: 31 Jul 2018 22:48

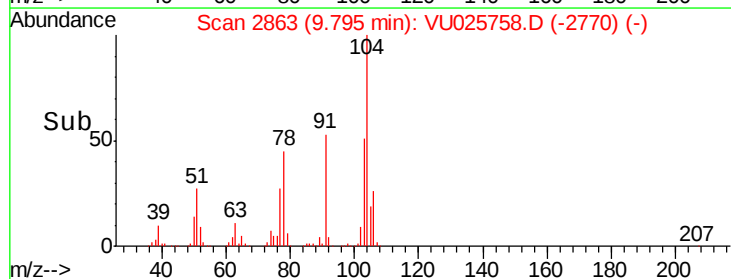
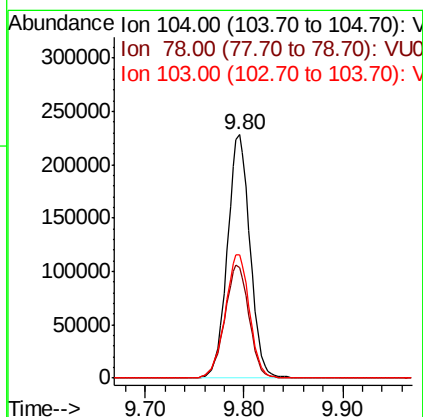
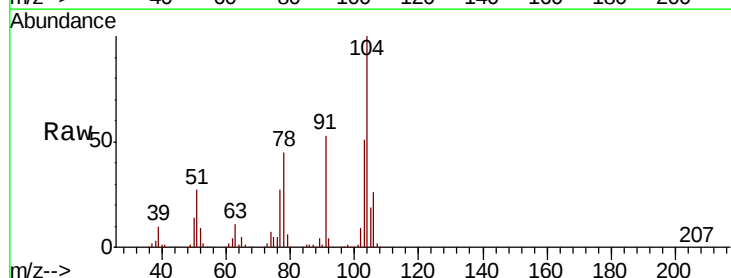
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

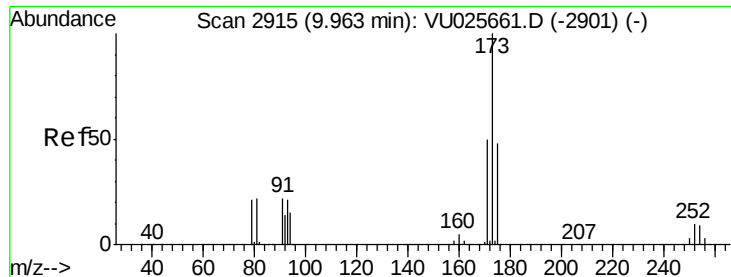
Tot Ion:106 Resp: 218828
Ion Ratio Lower Upper
106 100
91 215.2 105.3 315.8



#70
Styrene
Concen: 52.90 ug/l
RT: 9.80 min Scan# 2863
Delta R.T. 0.00 min
Lab File: VU025758.D
Acq: 31 Jul 2018 22:48

Tgt Ion:104 Resp: 365962
Ion Ratio Lower Upper
104 100
78 50.0 41.6 62.4
103 54.8 44.6 66.8





#71

Bromoform

Concen: 52.49 ug/l

RT: 9.96 min Scan# 2914

Delta R.T. -0.00 min

Lab File: VU025758.D

Acq: 31 Jul 2018 22:48

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

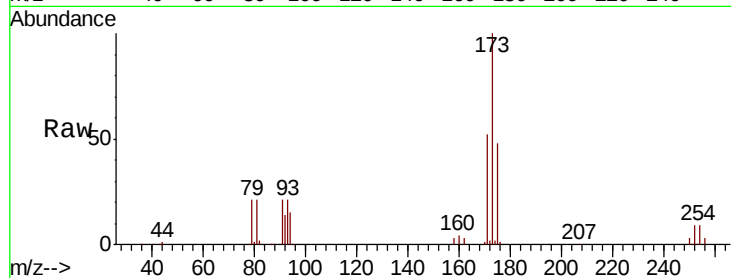
Tot Ion:173 Resp: 113457

Ion Ratio Lower Upper

173 100

175 48.6 24.0 72.0

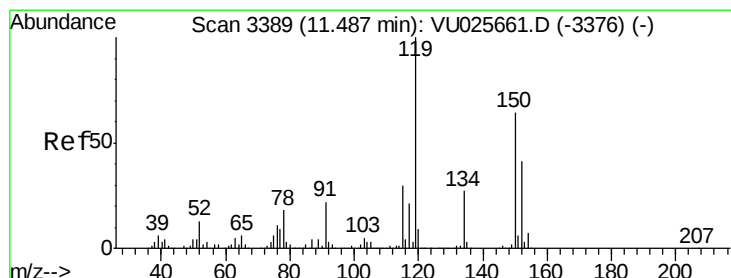
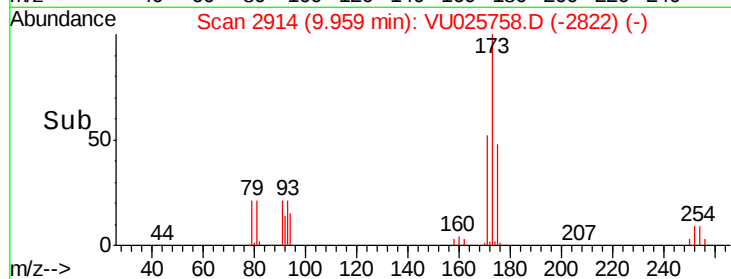
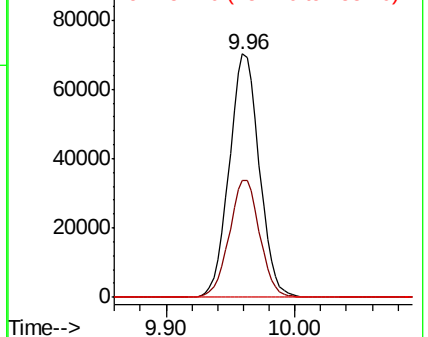
254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 11.49 min Scan# 3389

Delta R.T. 0.00 min

Lab File: VU025758.D

Acq: 31 Jul 2018 22:48

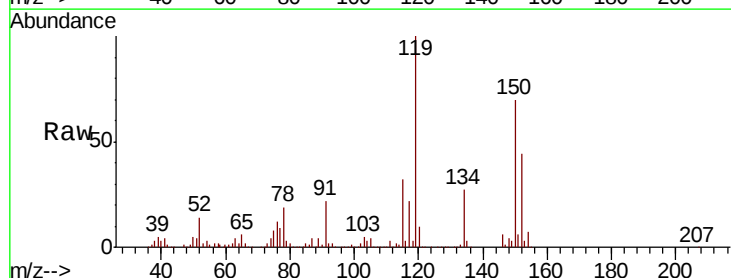
Tgt Ion:152 Resp: 170096

Ion Ratio Lower Upper

152 100

115 80.0 40.1 120.3

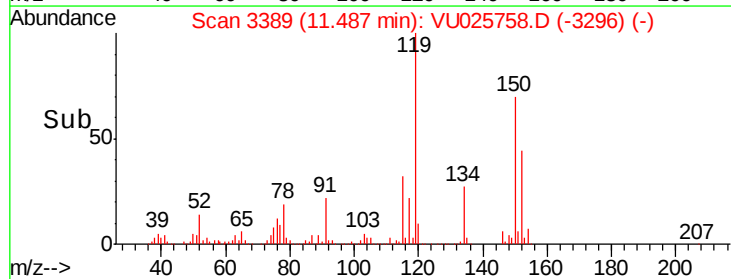
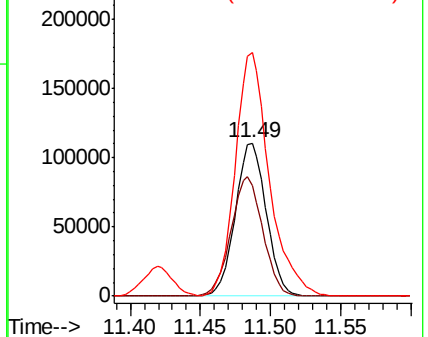
150 174.6 0.0 351.4



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 51.44 ug/l

RT: 10.17 min Scan# 2979

Delta R.T. 0.00 min

Lab File: VU025758.D

Acq: 31 Jul 2018 22:48

Instrument :

MSVOA_U

ClientSampleId :

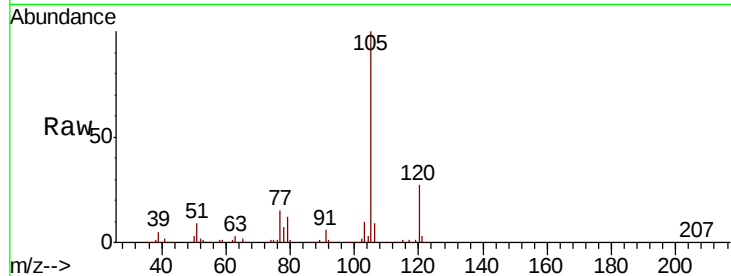
VSTDCCC050EC

Tot Ion:105 Resp: 597149

Ion Ratio Lower Upper

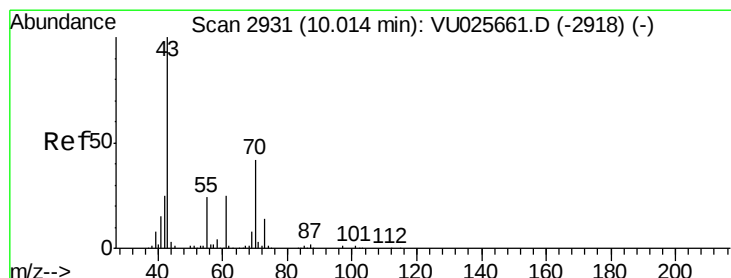
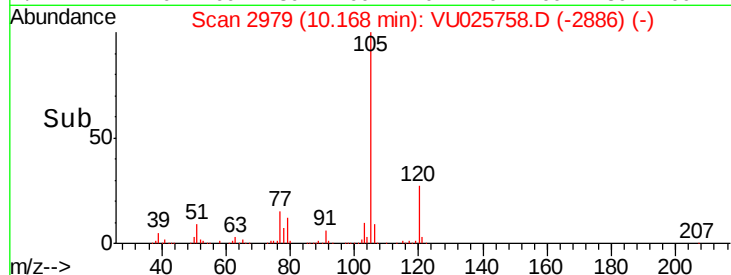
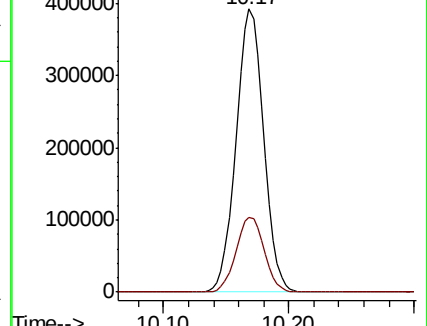
105 100

120 27.0 13.5 40.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 51.43 ug/l

RT: 10.01 min Scan# 2931

Delta R.T. 0.00 min

Lab File: VU025758.D

Acq: 31 Jul 2018 22:48

Tgt Ion: 43 Resp: 243771

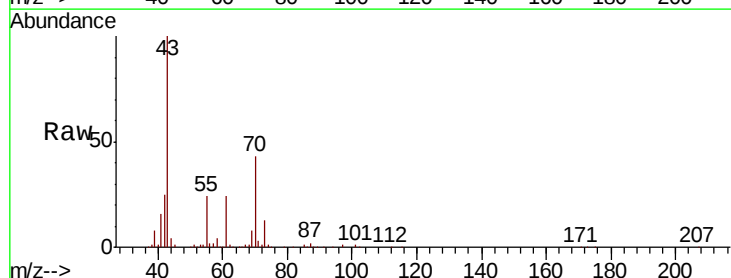
Ion Ratio Lower Upper

43 100

70 42.8 33.4 50.2

55 24.1 19.0 28.6

61 24.4 19.3 28.9

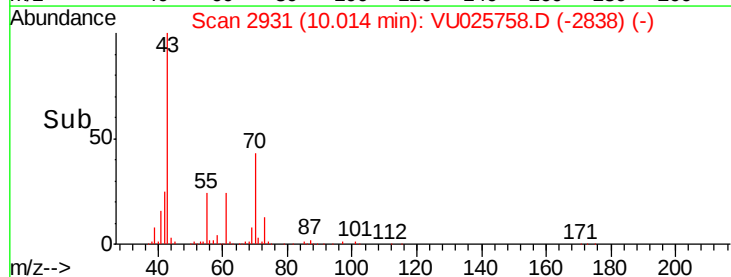
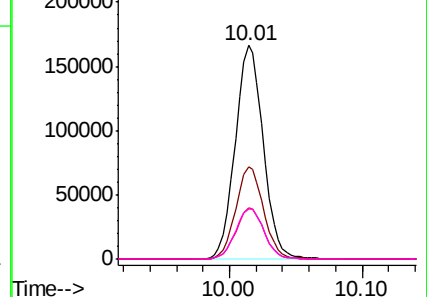


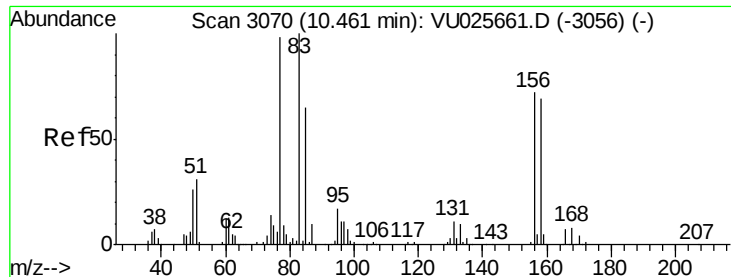
Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 70.00 (69.70 to 70.70): VU0

Ion 55.00 (54.70 to 55.70): VU0

Ion 61.00 (60.70 to 61.70): VU0





#75

1,1,2,2-Tetrachloroethane

Concen: 49.06 ug/l

RT: 10.46 min Scan# 3070

Delta R.T. 0.00 min

Lab File: VU025758.D

Acq: 31 Jul 2018 22:48

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

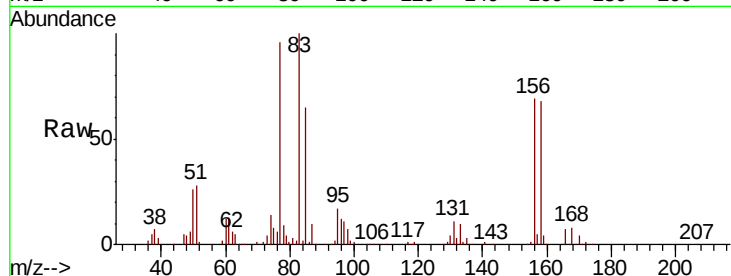
Tot Ion: 83 Resp: 196962

Ion Ratio Lower Upper

83 100

131 11.0 5.5 16.4

85 65.2 31.6 94.8

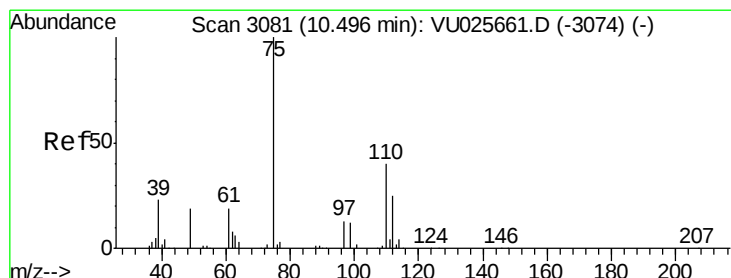
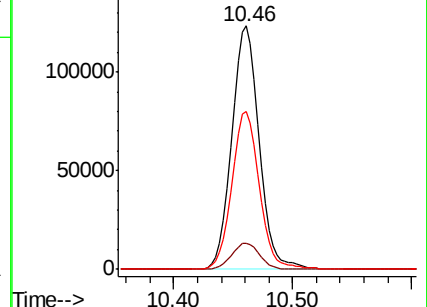
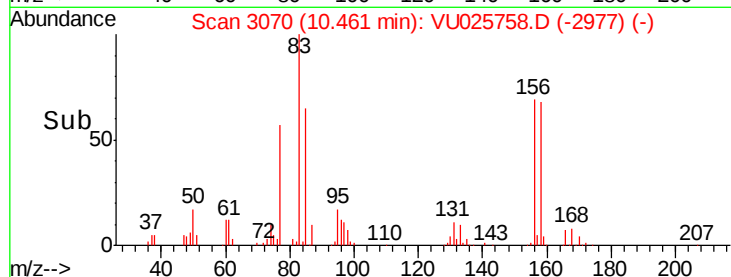


Abundance Ion 82.90 (82.60 to 83.60): VU025661.D (-3056) (-)

Ion 130.80 (130.50 to 131.50): VU025661.D (-3056) (-)

Ion 84.90 (84.60 to 85.60): VU025661.D (-3056) (-)

Time-->



#76

1,2,3-Trichloropropane

Concen: 61.72 ug/l

RT: 10.50 min Scan# 3081

Delta R.T. 0.00 min

Lab File: VU025758.D

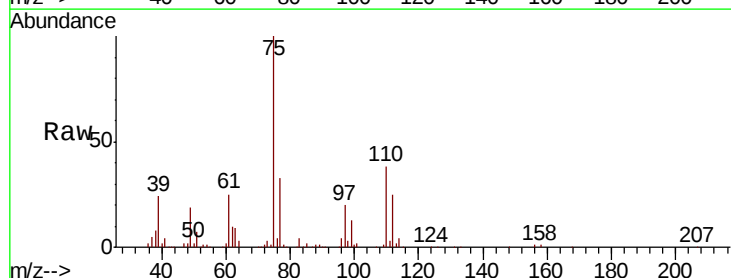
Acq: 31 Jul 2018 22:48

Tgt Ion: 75 Resp: 231304

Ion Ratio Lower Upper

75 100

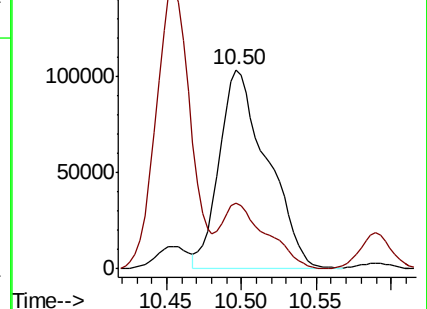
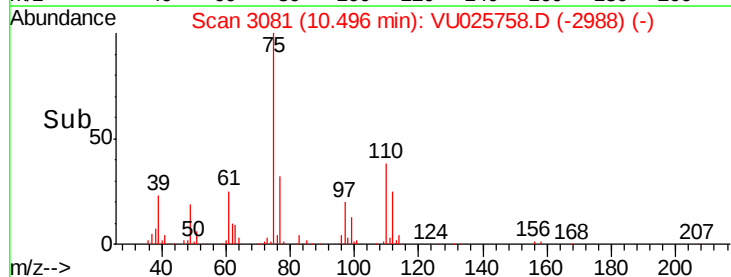
77 31.3 20.4 61.3

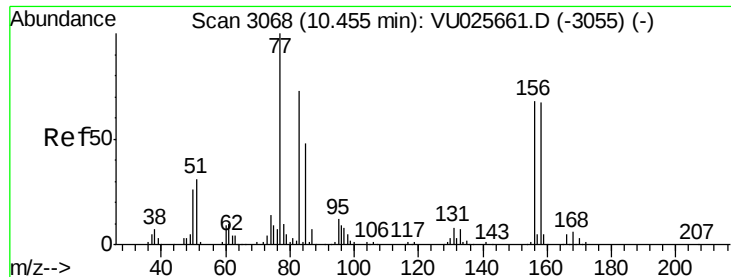


Abundance Ion 74.90 (74.60 to 75.60): VU025661.D (-3074) (-)

Ion 77.00 (76.70 to 77.70): VU025661.D (-3074) (-)

Time-->





#77

Bromobenzene

Concen: 50.63 ug/l

RT: 10.45 min Scan# 3068

Delta R.T. 0.00 min

Lab File: VU025758.D

Acq: 31 Jul 2018 22:48

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

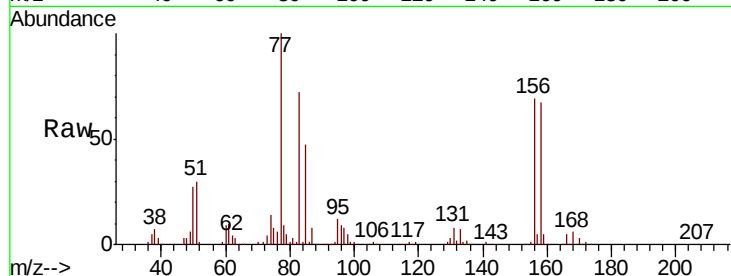
Tot Ion:156 Resp: 162116

Ion Ratio Lower Upper

156 100

77 144.0 73.8 221.4

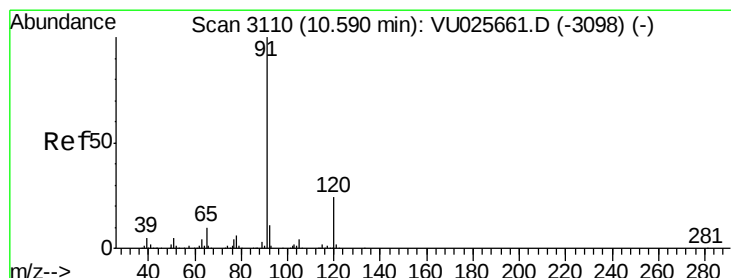
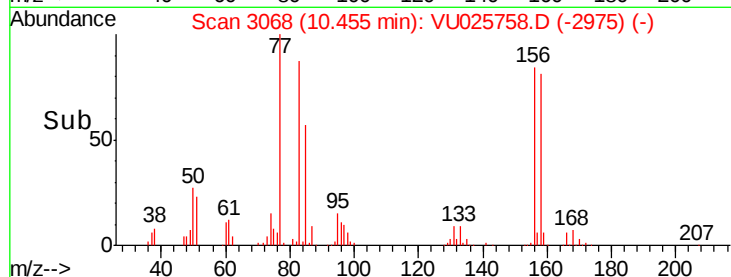
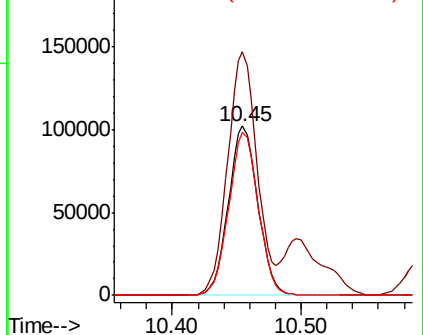
158 96.3 48.0 144.0



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: 51.79 ug/l

RT: 10.59 min Scan# 3110

Delta R.T. 0.00 min

Lab File: VU025758.D

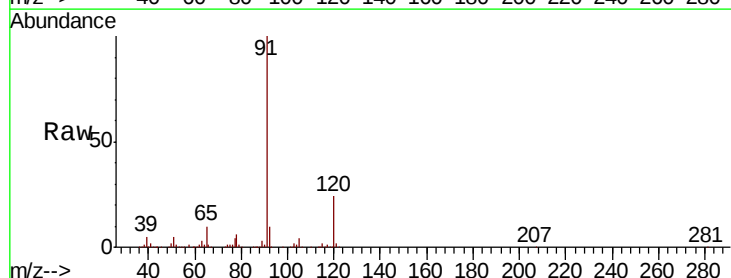
Acq: 31 Jul 2018 22:48

Tgt Ion: 91 Resp: 701811

Ion Ratio Lower Upper

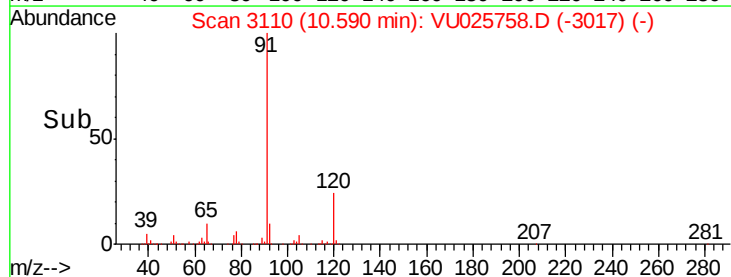
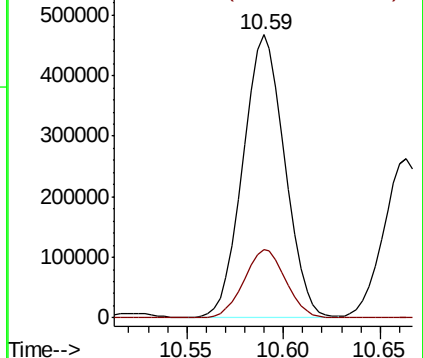
91 100

120 24.1 11.8 35.3



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 120.00 (119.70 to 120.70): V

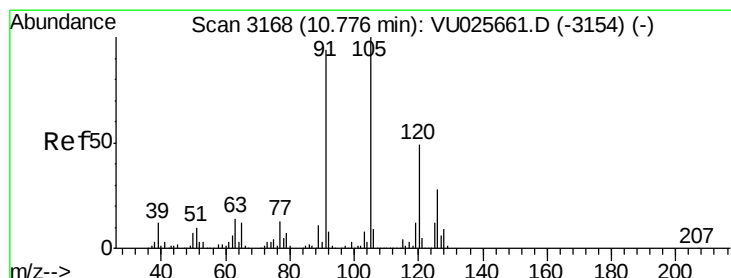
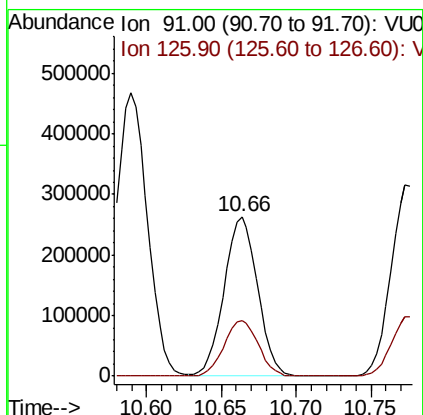
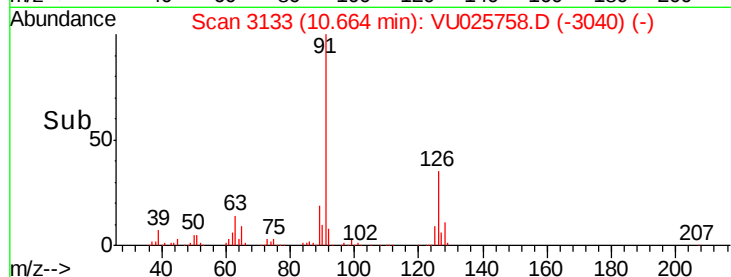
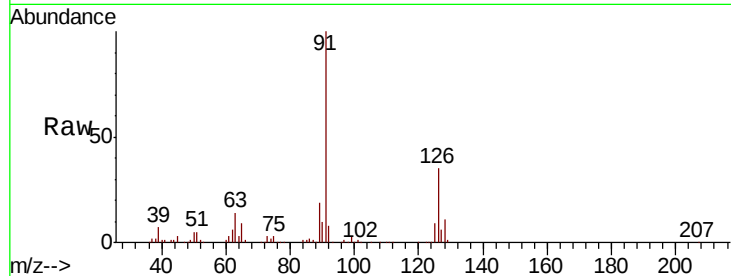




#79
 2-Chlorotoluene
 Concen: 51.65 ug/l
 RT: 10.66 min Scan# 3133
 Delta R.T. 0.00 min
 Lab File: VU025758.D
 Acq: 31 Jul 2018 22:48

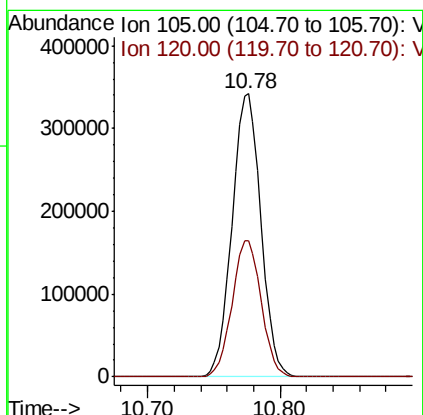
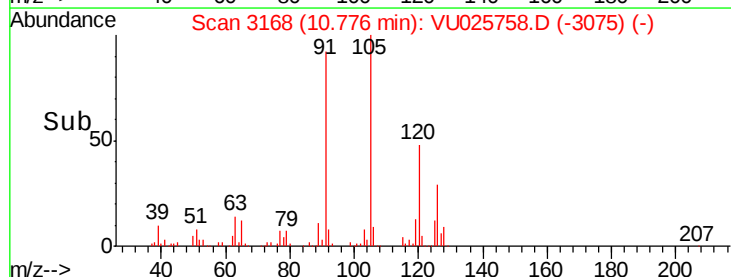
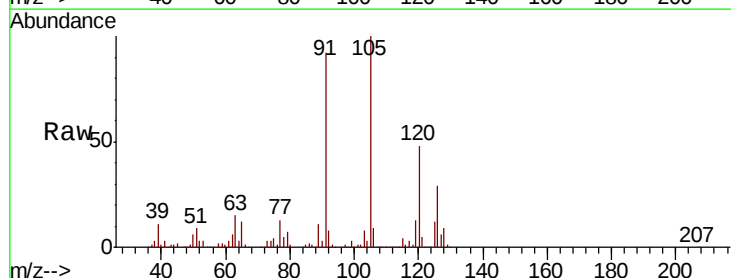
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

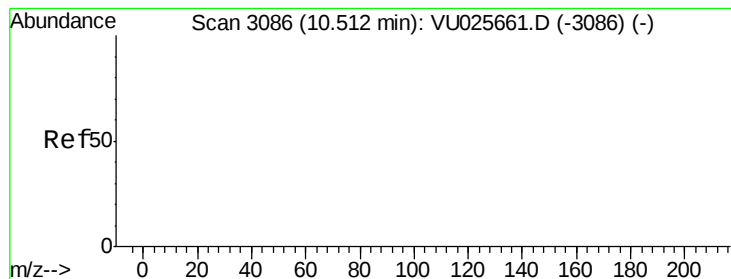
Tot Ion: 91 Resp: 409962
 Ion Ratio Lower Upper
 91 100
 126 35.6 17.5 52.6



#80
 1,3,5-Trimethylbenzene
 Concen: 52.31 ug/l
 RT: 10.78 min Scan# 3168
 Delta R.T. 0.00 min
 Lab File: VU025758.D
 Acq: 31 Jul 2018 22:48

Tgt Ion: 105 Resp: 515771
 Ion Ratio Lower Upper
 105 100
 120 48.6 24.1 72.2

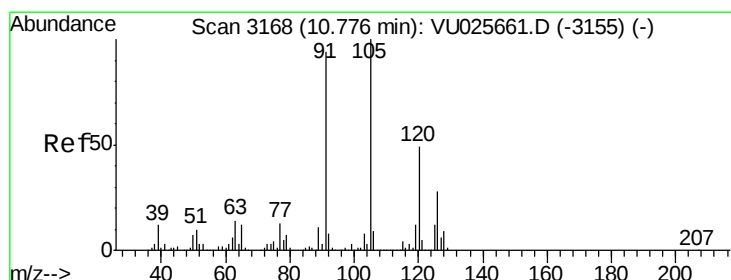
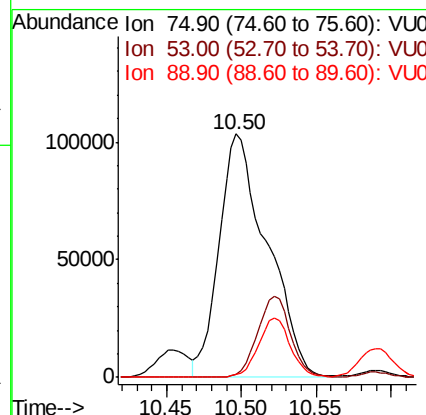
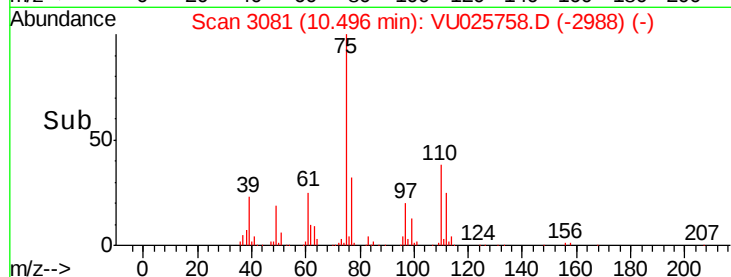
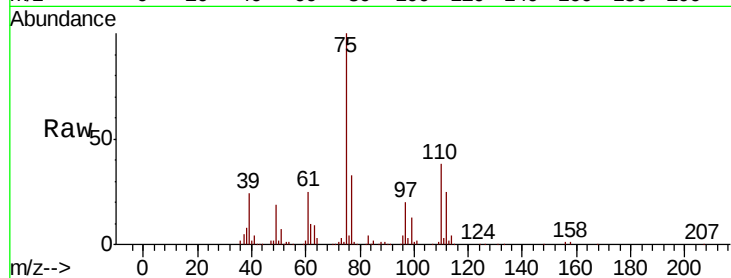




#81
trans-1,4-Dichloro-2-butene
Concen: 154.76 ug/l
RT: 10.50 min Scan# 3081
Delta R.T. 0.00 min
Lab File: VU025758.D
Acq: 31 Jul 2018 22:48

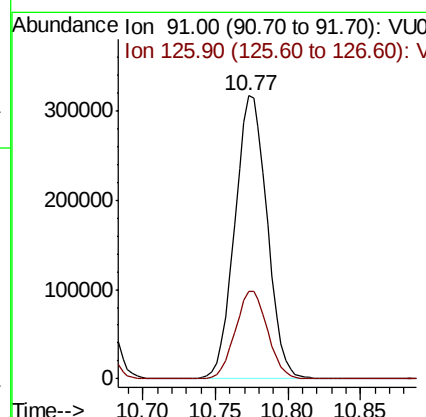
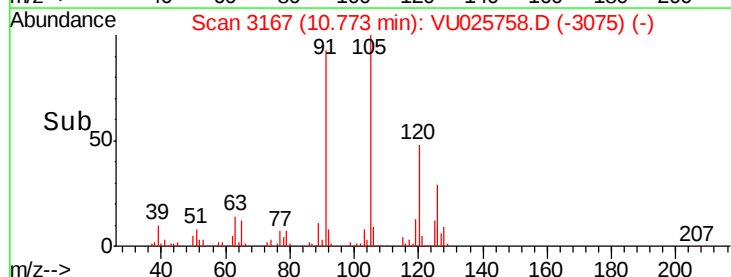
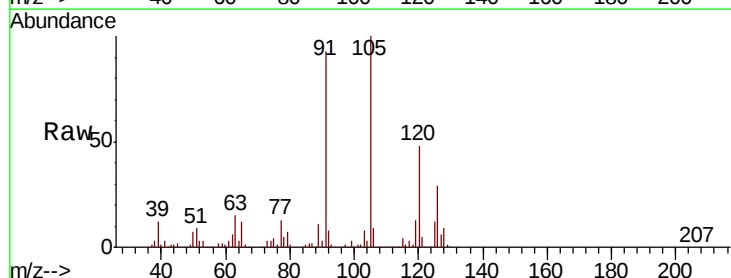
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

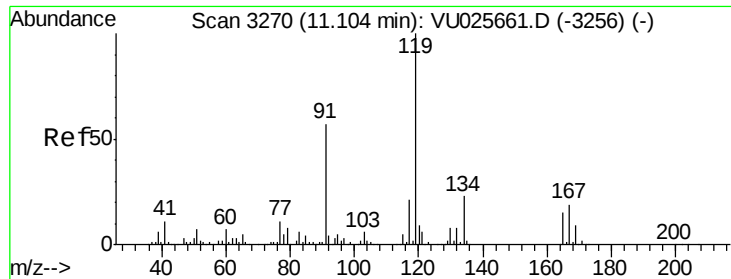
Tot Ion: 75 Resp: 231304
Ion Ratio Lower Upper
75 100
53 0.0 0.0 0.0
89 0.0 0.0 0.0



#82
4-Chlorotoluene
Concen: 52.10 ug/l
RT: 10.77 min Scan# 3167
Delta R.T. -0.00 min
Lab File: VU025758.D
Acq: 31 Jul 2018 22:48

Tgt Ion: 91 Resp: 487418
Ion Ratio Lower Upper
91 100
126 31.1 15.3 45.9

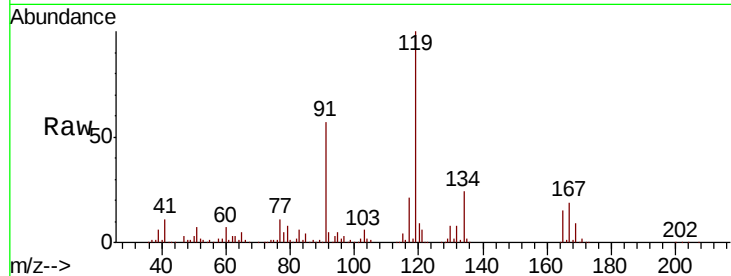




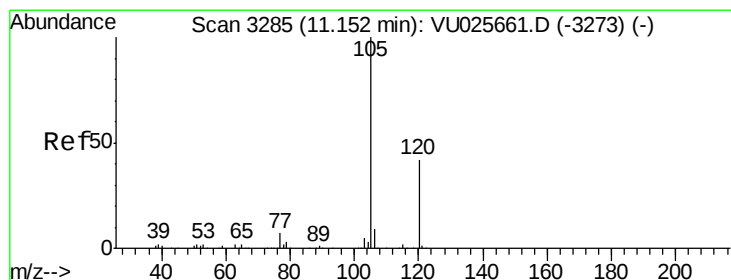
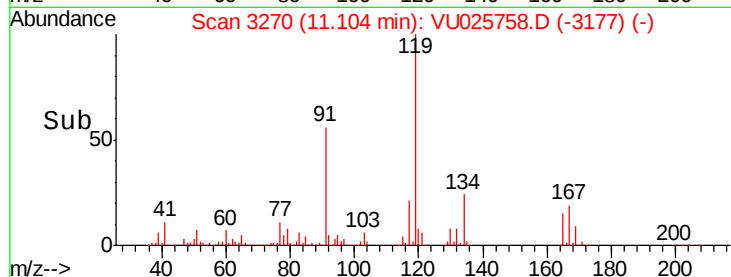
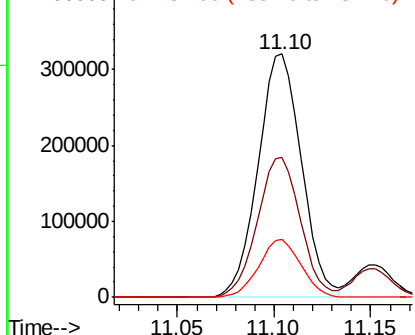
#83
tert-Butylbenzene
Concen: 51.07 ug/l
RT: 11.10 min Scan# 3270
Delta R.T. 0.00 min
Lab File: VU025758.D
Acq: 31 Jul 2018 22:48

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tot Ion:119 Resp: 500244
Ion Ratio Lower Upper
119 100
91 56.9 29.7 89.1
134 23.0 11.5 34.5

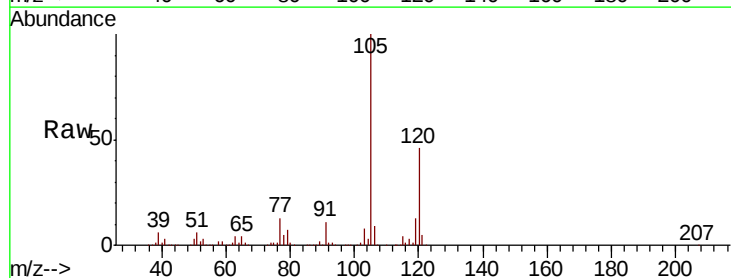


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

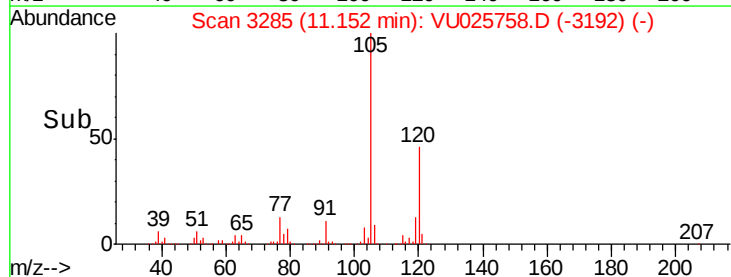
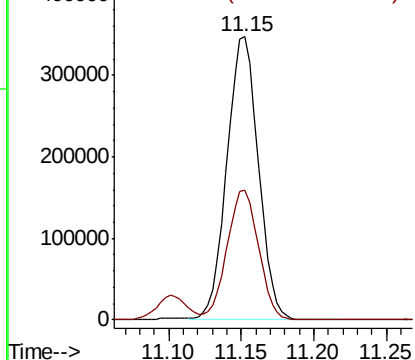


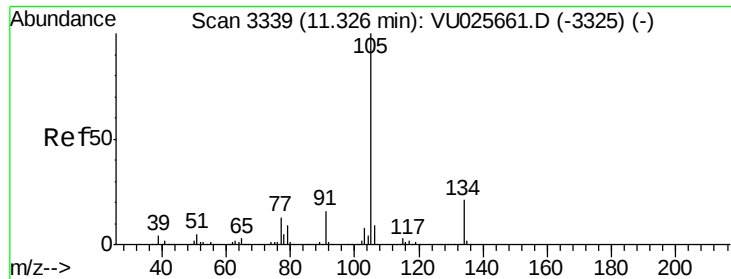
#84
1,2,4-Trimethylbenzene
Concen: 52.40 ug/l
RT: 11.15 min Scan# 3285
Delta R.T. 0.00 min
Lab File: VU025758.D
Acq: 31 Jul 2018 22:48

Tgt Ion:105 Resp: 523544
Ion Ratio Lower Upper
105 100
120 45.9 22.3 66.8



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





#85

sec-Butylbenzene

Concen: 51.25 ug/l

RT: 11.33 min Scan# 3339

Delta R.T. 0.00 min

Lab File: VU025758.D

Acq: 31 Jul 2018 22:48

Instrument :

MSVOA_U

ClientSampleId :

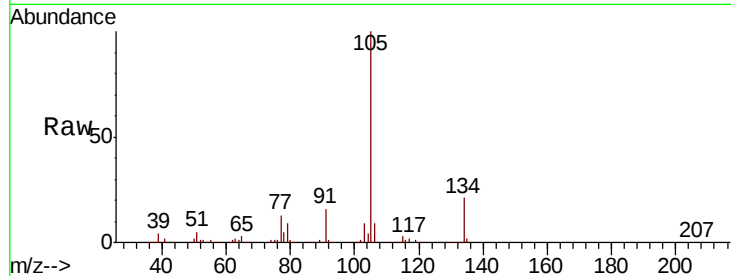
VSTDCCC050EC

Tot Ion:105 Resp: 613011

Ion Ratio Lower Upper

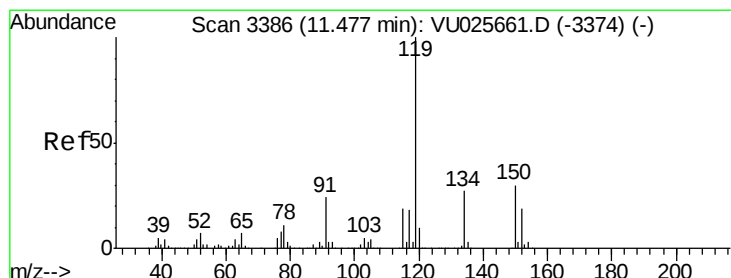
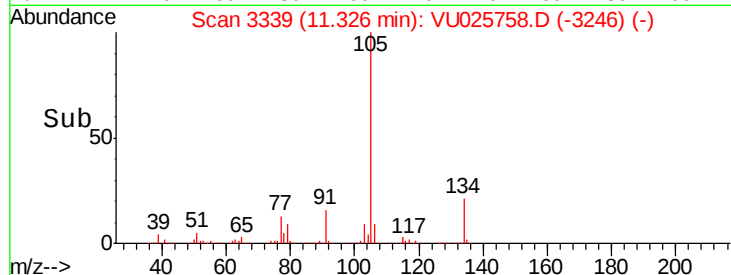
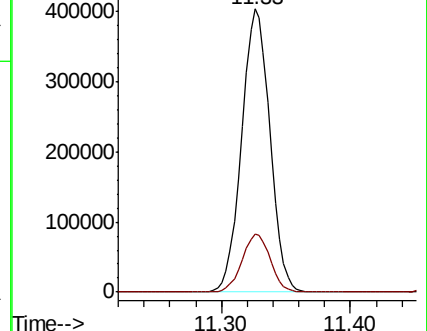
105 100

134 20.6 10.3 30.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 51.80 ug/l

RT: 11.48 min Scan# 3386

Delta R.T. 0.00 min

Lab File: VU025758.D

Acq: 31 Jul 2018 22:48

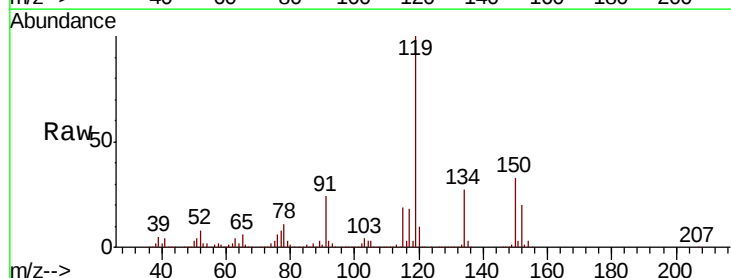
Tgt Ion:119 Resp: 554754

Ion Ratio Lower Upper

119 100

134 26.6 13.2 39.5

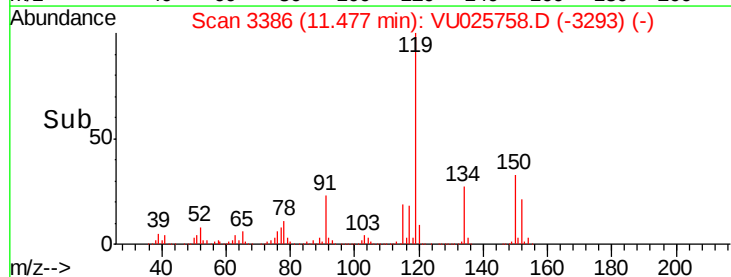
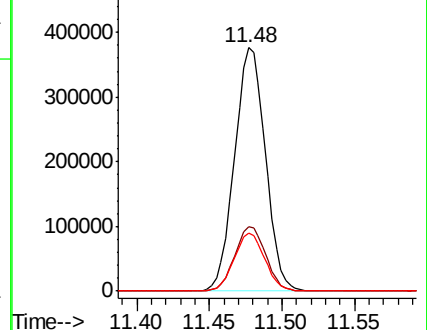
91 23.5 12.0 36.1

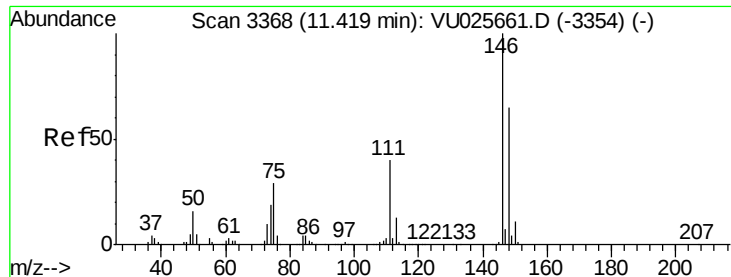


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VU0





#87

1,3-Dichlorobenzene

Concen: 50.55 ug/l

RT: 11.42 min Scan# 3368

Delta R.T. 0.00 min

Lab File: VU025758.D

Acq: 31 Jul 2018 22:48

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

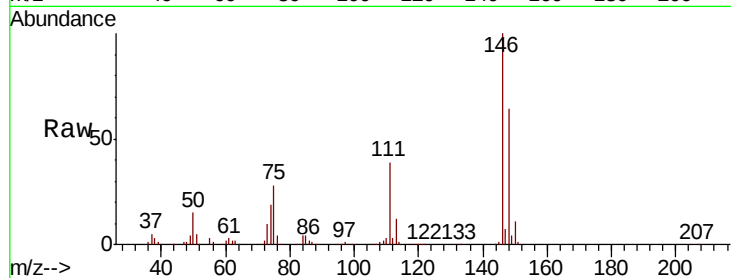
Tot Ion:146 Resp: 300441

Ion Ratio Lower Upper

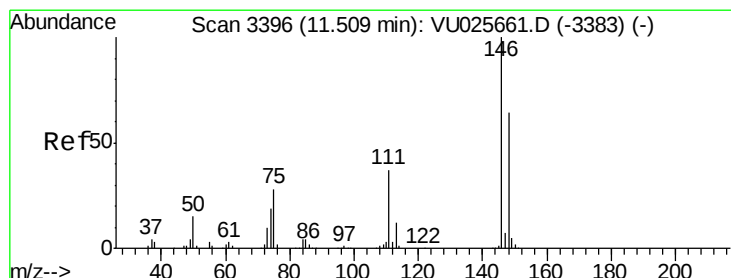
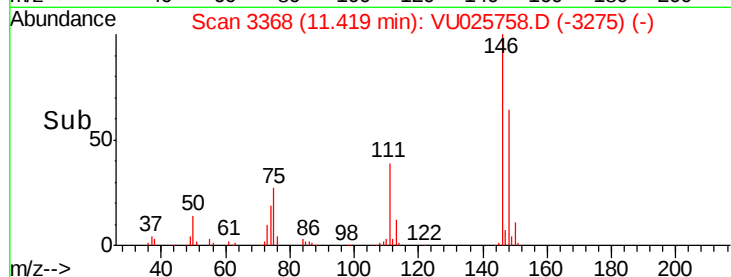
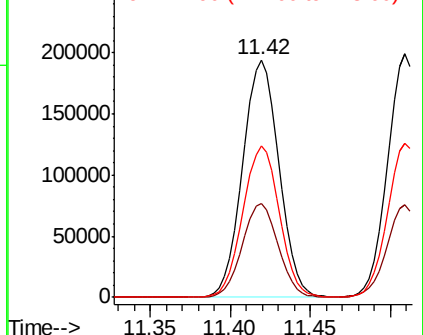
146 100

111 39.0 19.7 59.1

148 64.1 32.1 96.3



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



#88

1,4-Dichlorobenzene

Concen: 49.15 ug/l

RT: 11.51 min Scan# 3396

Delta R.T. 0.00 min

Lab File: VU025758.D

Acq: 31 Jul 2018 22:48

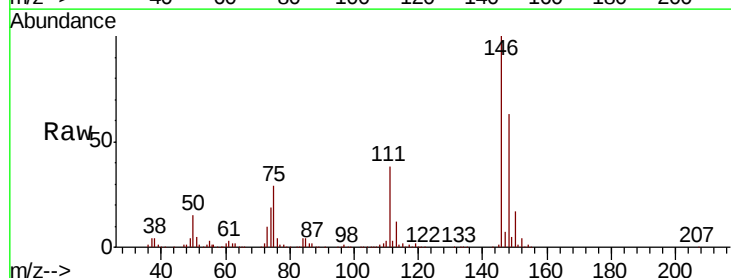
Tgt Ion:146 Resp: 304530

Ion Ratio Lower Upper

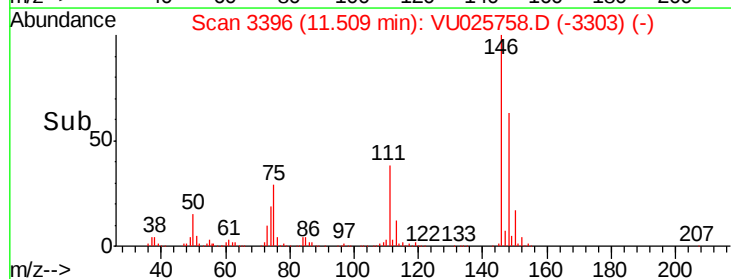
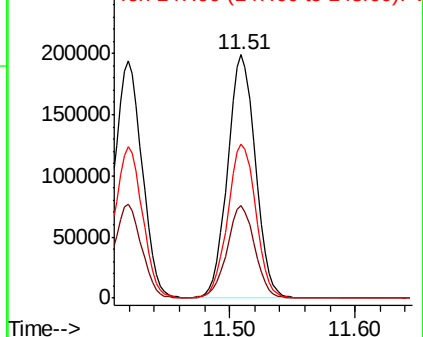
146 100

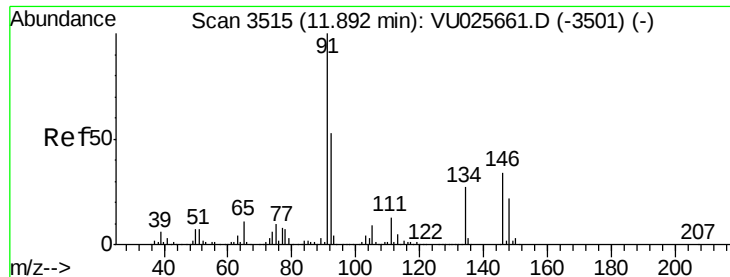
111 38.3 19.4 58.1

148 64.3 31.7 95.1



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

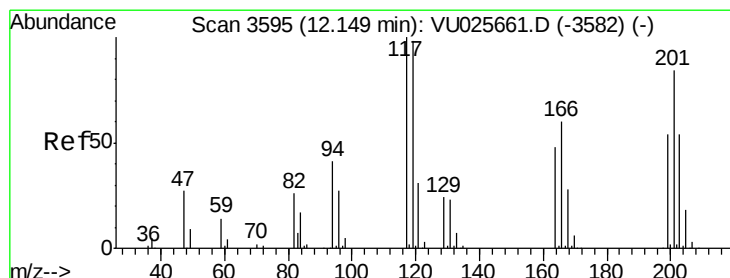
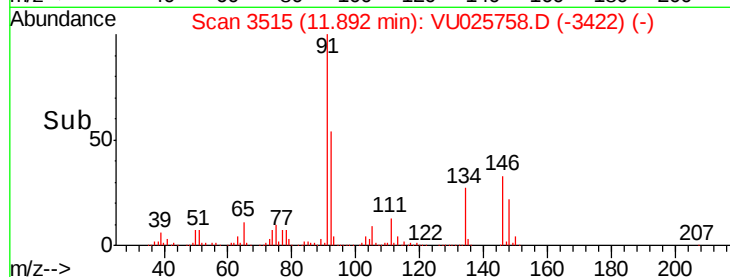
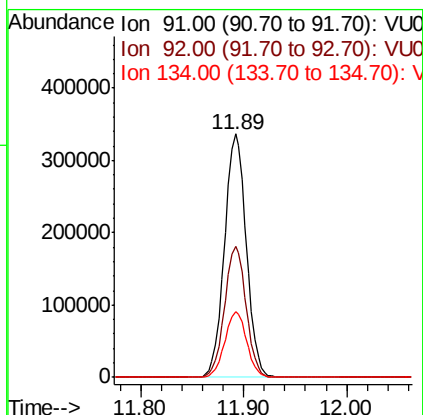
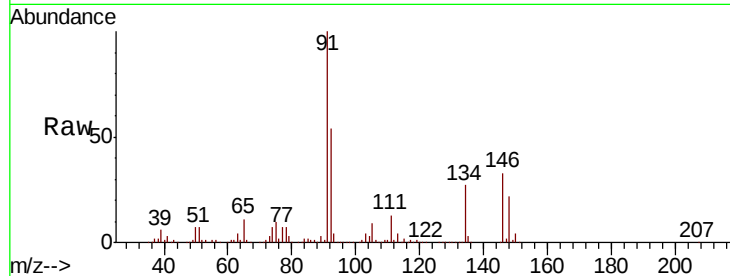




#89
n-Butylbenzene
Concen: 50.11 ug/l
RT: 11.89 min Scan# 3515
Delta R.T. 0.00 min
Lab File: VU025758.D
Acq: 31 Jul 2018 22:48

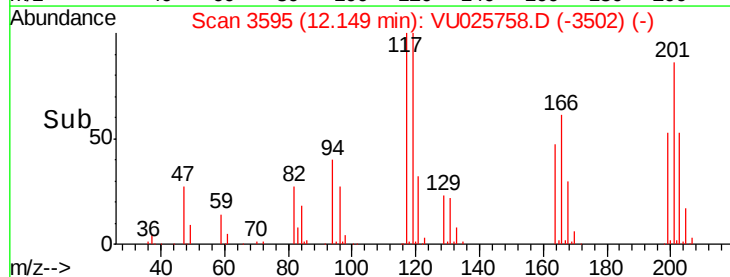
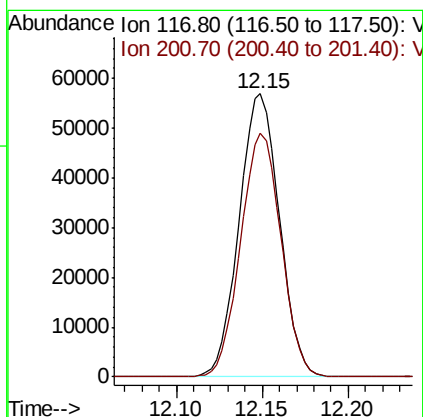
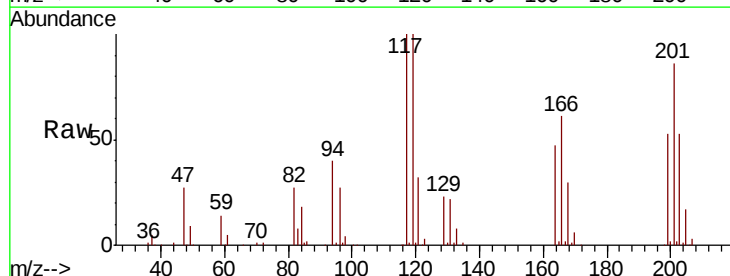
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

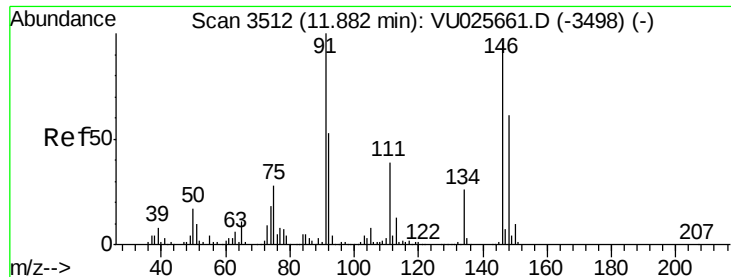
Tot Ion: 91 Resp: 495193
Ion Ratio Lower Upper
91 100
92 52.8 26.5 79.5
134 27.1 13.6 40.7



#90
Hexachloroethane
Concen: 48.53 ug/l
RT: 12.15 min Scan# 3595
Delta R.T. 0.00 min
Lab File: VU025758.D
Acq: 31 Jul 2018 22:48

Tgt Ion: 117 Resp: 92415
Ion Ratio Lower Upper
117 100
201 86.3 42.5 127.6

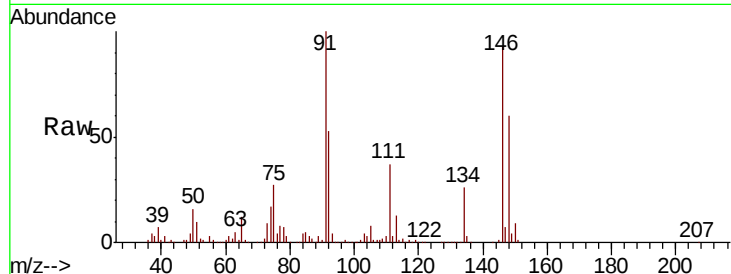




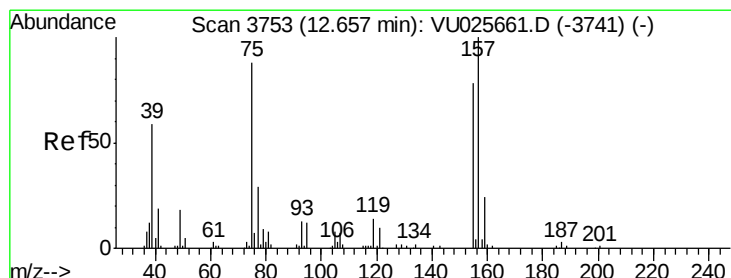
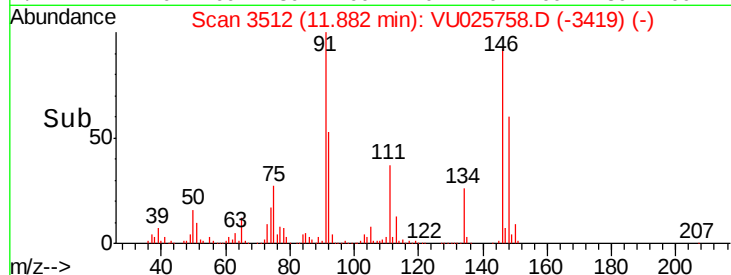
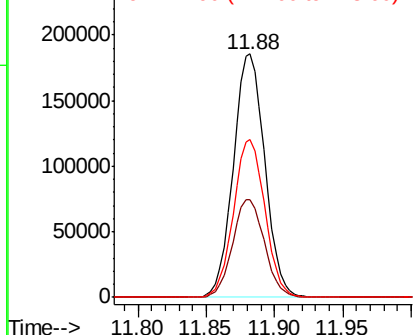
#91
 1,2-Dichlorobenzene
 Concen: 51.00 ug/l
 RT: 11.88 min Scan# 3512
 Delta R.T. 0.00 min
 Lab File: VU025758.D
 Acq: 31 Jul 2018 22:48

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.6	20.6	61.8
148	64.7	31.5	94.5

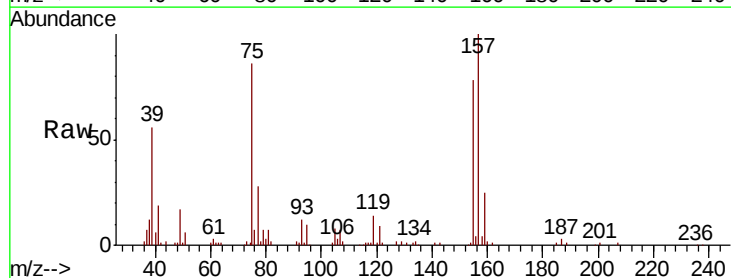


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

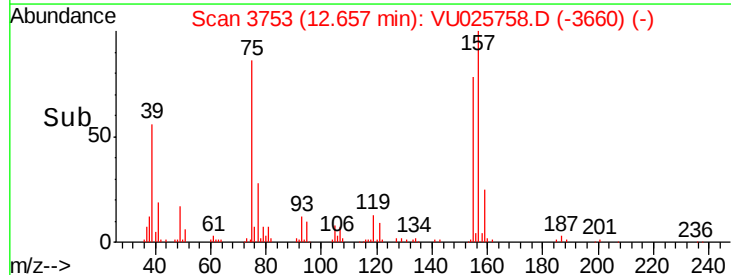
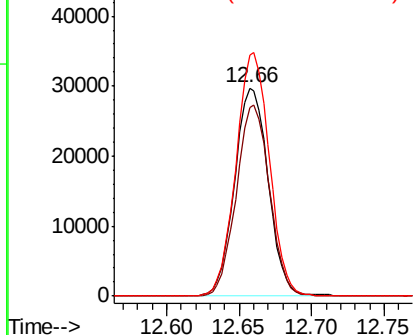


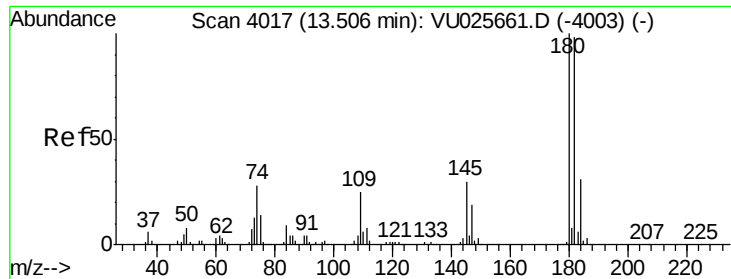
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 50.60 ug/l
 RT: 12.66 min Scan# 3753
 Delta R.T. 0.00 min
 Lab File: VU025758.D
 Acq: 31 Jul 2018 22:48

Tgt Ion	Ratio	Lower	Upper
75	100		
155	90.5	44.5	133.3
157	115.7	57.0	170.8



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

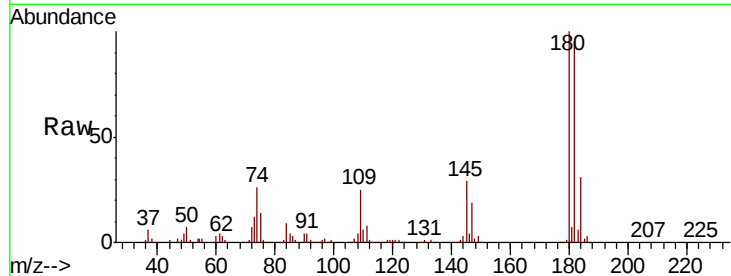




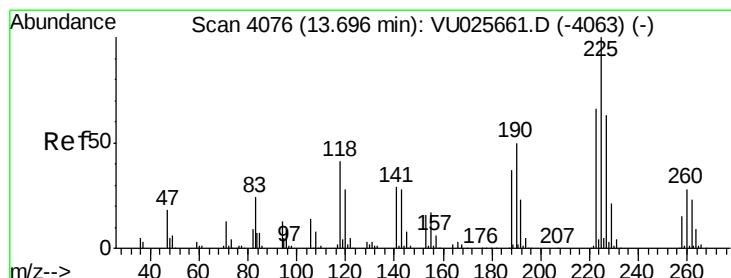
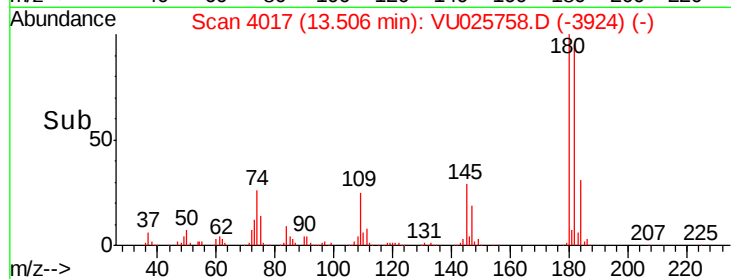
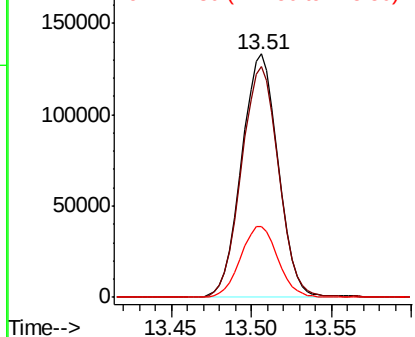
#93
 1,2,4-Trichlorobenzene
 Concen: 52.87 ug/l
 RT: 13.51 min Scan# 4017
 Delta R.T. 0.00 min
 Lab File: VU025758.D
 Acq: 31 Jul 2018 22:48

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:180 Resp: 207898
 Ion Ratio Lower Upper
 180 100
 182 96.6 47.3 141.9
 145 29.7 14.9 44.7

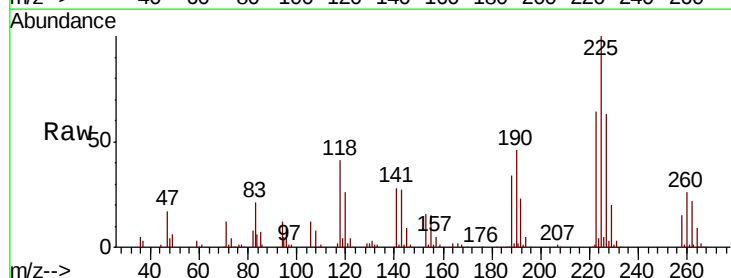


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

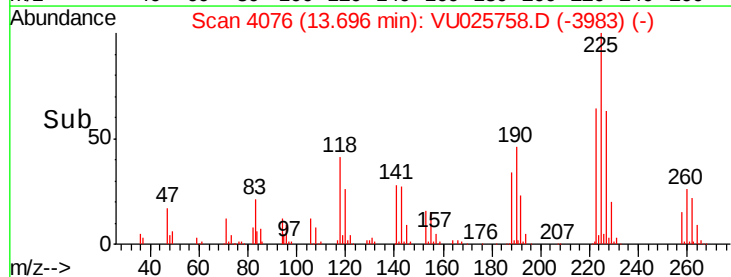
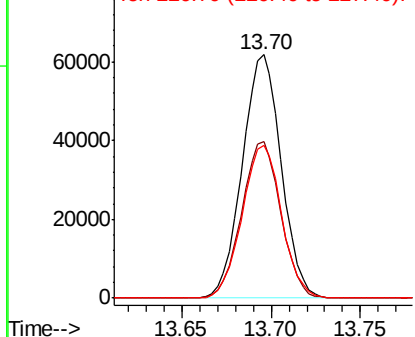


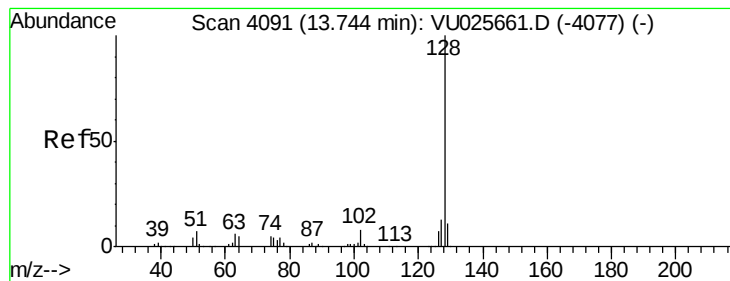
#94
 Hexachlorobutadiene
 Concen: 45.30 ug/l
 RT: 13.70 min Scan# 4076
 Delta R.T. 0.00 min
 Lab File: VU025758.D
 Acq: 31 Jul 2018 22:48

Tgt Ion:225 Resp: 93904
 Ion Ratio Lower Upper
 225 100
 223 64.5 31.9 95.7
 227 63.6 32.3 96.9



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: 50.21 ug/l

RT: 13.74 min Scan# 4091

Delta R.T. 0.00 min

Lab File: VU025758.D

Acq: 31 Jul 2018 22:48

Instrument :

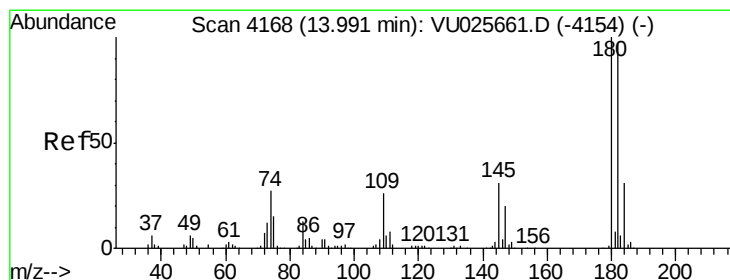
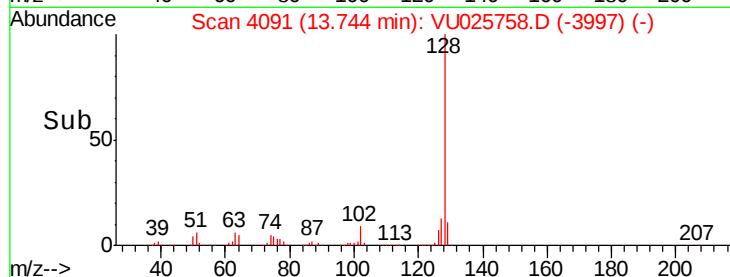
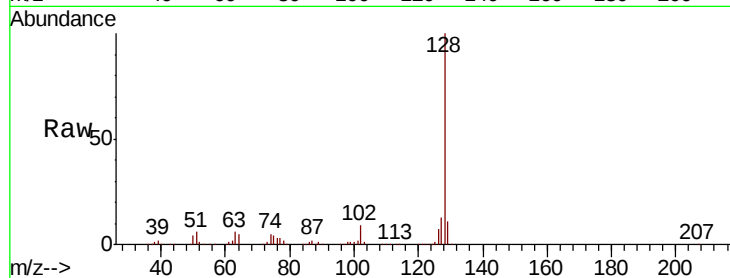
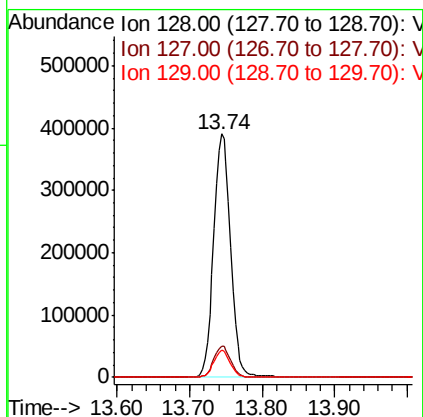
MSVOA_U

ClientSampleId :

VSTDCCC050EC

Tot Ion:128 Resp: 634270

Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.5	15.7
129	10.6	8.3	12.5



#96

1,2,3-Trichlorobenzene

Concen: 52.94 ug/l

RT: 13.99 min Scan# 4167

Delta R.T. -0.00 min

Lab File: VU025758.D

Acq: 31 Jul 2018 22:48

Tgt Ion:180 Resp: 207642

Ion	Ratio	Lower	Upper
180	100		
182	95.8	47.8	143.3
145	31.7	15.6	46.8

