

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX032018\
 Data File : VX000357.D
 Acq On : 20 Mar 2018 11:44
 Operator : JC/MD
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Quant Time: Mar 20 12:07:31 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X032018W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 20 12:07:40 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.68	168	122961	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	205608	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	200916	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	121725	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.08	65	85294	50.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.28%	
35) Dibromofluoromethane	5.51	113	67654	52.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.30%	
50) Toluene-d8	8.73	98	264257	48.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.66%	
62) 4-Bromofluorobenzene	11.15	95	103994	47.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.84%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	65669	49.58	ug/l	97
3) Chloromethane	1.32	50	67446	49.95	ug/l	97
4) Vinyl Chloride	1.41	62	73923	48.88	ug/l	96
5) Bromomethane	1.64	94	100016	59.26	ug/l	97
6) Chloroethane	1.73	64	50461	46.95	ug/l	100
7) Trichlorofluoromethane	1.93	101	132396	50.41	ug/l	98
8) Diethyl Ether	2.20	74	47050	50.32	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	72154	51.02	ug/l	97
10) Methyl Iodide	2.52	142	76133	53.27	ug/l	100
11) Tert butyl alcohol	3.07	59	139818	254.04	ug/l	99
12) 1,1-Dichloroethene	2.38	96	67251	50.10	ug/l	97
13) Acrolein	2.30	56	43016	181.66	ug/l	100
14) Allyl chloride	2.73	41	123000	51.39	ug/l	99
15) Acrylonitrile	3.15	53	273464	257.69	ug/l	99
16) Acetone	2.45	43	328723	289.42	ug/l	100
17) Carbon Disulfide	2.57	76	181180	46.21	ug/l	100
18) Methyl Acetate	2.79	43	138698	54.57	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	245312	51.91	ug/l	97
20) Methylene Chloride	2.87	84	73739	50.15	ug/l	95
21) trans-1,2-Dichloroethene	3.17	96	71466	48.16	ug/l	95
22) Diisopropyl ether	3.89	45	191746	48.13	ug/l	93
23) Vinyl Acetate	3.84	43	1025233	270.02	ug/l	98
24) 1,1-Dichloroethane	3.71	63	133016	53.08	ug/l	99
25) 2-Butanone	4.71	43	378379	278.73	ug/l	96
26) 2,2-Dichloropropane	4.60	77	95875	53.00	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	69120	50.99	ug/l	98
28) Bromochloromethane	5.03	49	59598	56.58	ug/l	99
29) Tetrahydrofuran	5.18	42	238350	272.80	ug/l	99
30) Chloroform	5.23	83	129864	54.89	ug/l	95
31) Cyclohexane	5.59	56	101394	52.73	ug/l	94
32) 1,1,1-Trichloroethane	5.51	97	114436	54.73	ug/l	98
36) 1,1-Dichloropropene	5.81	75	92447	49.48	ug/l	98
37) Ethyl Acetate	4.87	43	129575	52.19	ug/l	100
38) Carbon Tetrachloride	5.79	117	100244	53.22	ug/l	96

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	113411	52.05	ug/l	97
40) Benzene	6.15	78	277260	52.31	ug/l	100
41) Methacrylonitrile	5.07	41	65223	50.03	ug/l	97
42) 1,2-Dichloroethane	6.21	62	108302	51.55	ug/l	99
43) Isopropyl Acetate	6.48	43	197957	55.24	ug/l	99
44) Trichloroethene	7.23	130	75596	49.22	ug/l	96
45) 1,2-Dichloropropane	7.53	63	71819	54.94	ug/l	100
46) Dibromomethane	7.67	93	54520	51.92	ug/l	98
47) Bromodichloromethane	7.91	83	102618	55.05	ug/l	99
48) Methyl methacrylate	7.79	41	96284	53.14	ug/l	99
49) 1,4-Dioxane	7.77	88	39636	972.27	ug/l	98
51) 4-Methyl-2-Pentanone	8.66	43	753093	270.61	ug/l	99
52) Toluene	8.79	92	188210	50.55	ug/l	98
53) t-1,3-Dichloropropene	8.45	75	116494	54.15	ug/l	95
54) cis-1,3-Dichloropropene	9.05	75	114595	54.47	ug/l	98
55) 1,1,2-Trichloroethane	9.23	97	78560	52.59	ug/l	97
56) Ethyl methacrylate	9.19	69	121492	54.92	ug/l	99
57) 1,3-Dichloropropane	9.38	76	125505	51.86	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	300801	295.71	ug/l	98
59) 2-Hexanone	9.51	43	638997	272.53	ug/l	99
60) Dibromochloromethane	9.59	129	85469	54.11	ug/l	99
61) 1,2-Dibromoethane	9.68	107	85919	51.89	ug/l	100
64) Tetrachloroethene	9.34	164	73937	51.53	ug/l	95
65) Chlorobenzene	10.15	112	219110	53.55	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	78750	57.23	ug/l	99
67) Ethyl Benzene	10.26	91	381079	54.63	ug/l	99
68) m/p-Xylenes	10.37	106	299973	110.38	ug/l	99
69) o-Xylene	10.71	106	145968	55.29	ug/l	98
70) Styrene	10.72	104	250560	57.19	ug/l	98
71) Bromoform	10.87	173	69204	57.49	ug/l #	96
73) Isopropylbenzene	11.02	105	407499	55.58	ug/l	100
74) N-amyl acetate	6.48	43	197957	56.40	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	144628	55.42	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	172616	70.45	ug/l	84
77) Bromobenzene	11.26	156	101787	52.89	ug/l	99
78) n-propylbenzene	11.37	91	475609	53.80	ug/l	99
79) 2-Chlorotoluene	11.43	91	271650	54.15	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	351109	56.22	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.09	75	43231	60.11	ug/l	97
82) 4-Chlorotoluene	11.52	91	331940	53.83	ug/l	98
83) tert-Butylbenzene	11.78	119	343390	56.36	ug/l	100
84) 1,2,4-Trimethylbenzene	11.82	105	365159	56.87	ug/l	99
85) sec-Butylbenzene	11.96	105	432727	56.73	ug/l	99
86) p-Isopropyltoluene	12.07	119	390583	57.54	ug/l	100
87) 1,3-Dichlorobenzene	12.04	146	200056	52.98	ug/l	98
88) 1,4-Dichlorobenzene	12.11	146	207066	52.77	ug/l	97
89) n-Butylbenzene	12.40	91	356118	53.95	ug/l	99
90) Hexachloroethane	12.60	117	62958	57.82	ug/l	98
91) 1,2-Dichlorobenzene	12.40	146	200853	54.91	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	40546	57.39	ug/l	98

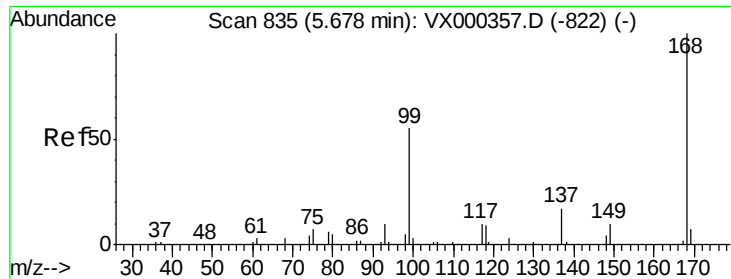
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	137430	52.16	ug/l	99
94) Hexachlorobutadiene	13.79	225	58229	56.02	ug/l	99
95) Naphthalene	13.84	128	509374	55.71	ug/l	100
96) 1,2,3-Trichlorobenzene	14.03	180	140111	52.64	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.68 min Scan# 835

Delta R.T. 0.00 min

Lab File: VX000357.D

Acq: 20 Mar 2018 11:44

Instrument :

MSVOA_X

ClientSampleId :

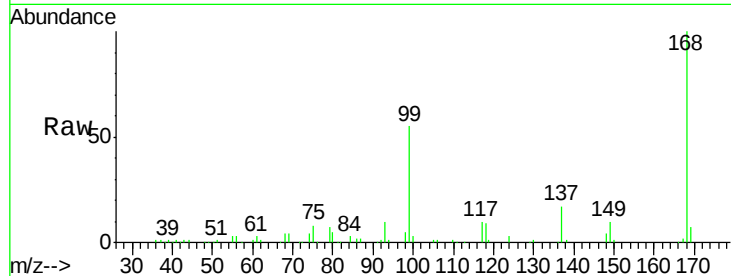
VSTDICCC050

Tgt Ion:168 Resp: 122961

Ion Ratio Lower Upper

168 100

99 55.1 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.68

40000

30000

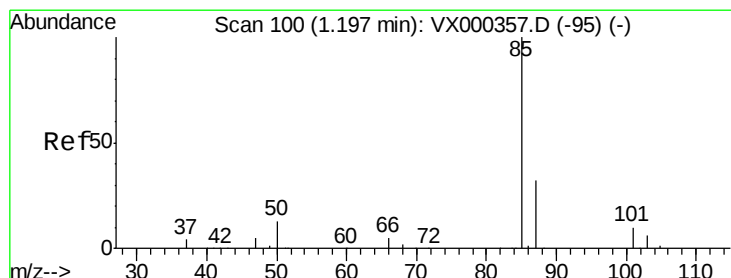
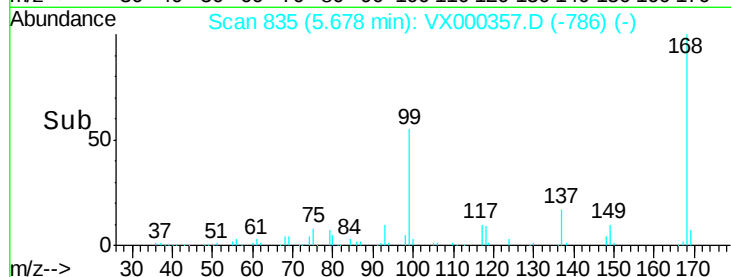
20000

10000

0

5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 49.58 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX000357.D

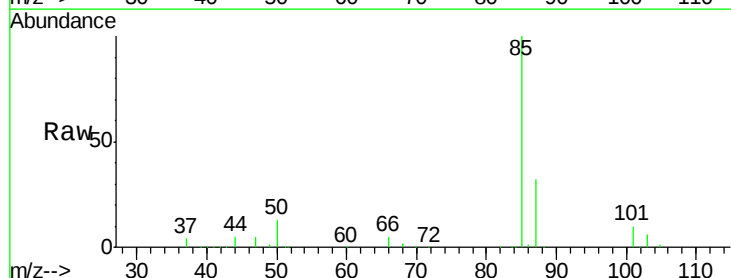
Acq: 20 Mar 2018 11:44

Tgt Ion: 85 Resp: 65669

Ion Ratio Lower Upper

85 100

87 31.7 16.8 50.3



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

80000

60000

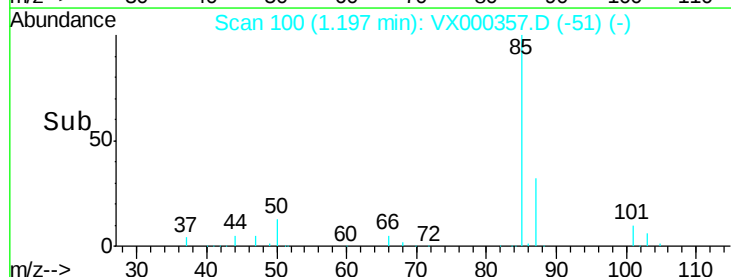
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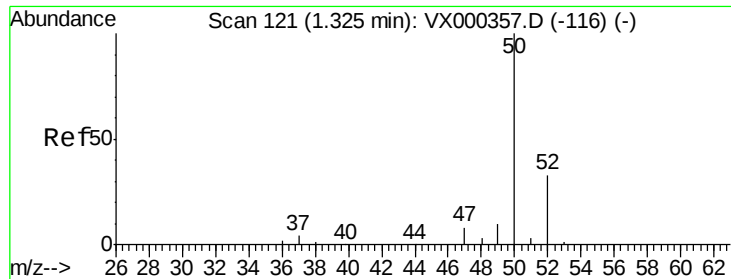
20000

0

1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 49.95 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX000357.D

Acq: 20 Mar 2018 11:44

Instrument :

MSVOA_X

ClientSampleId :

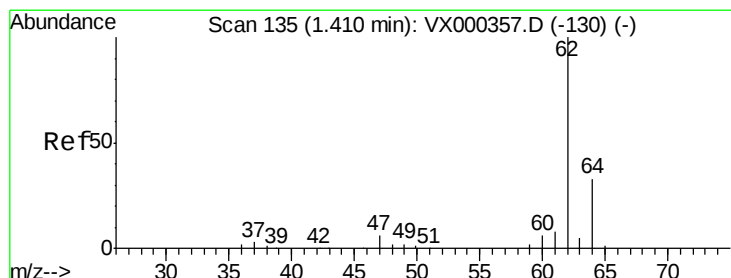
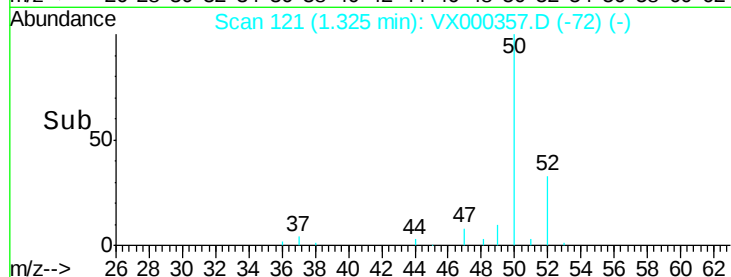
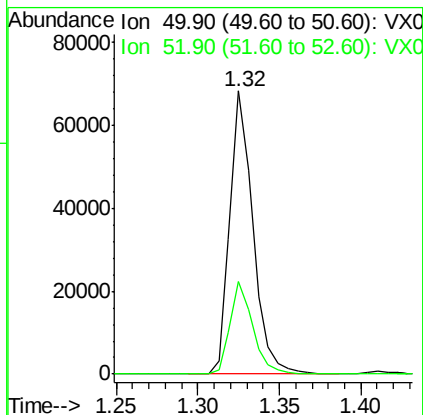
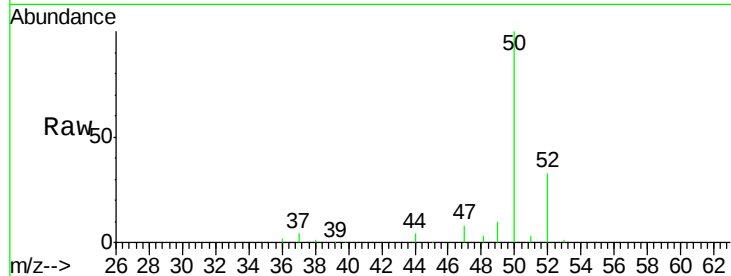
VSTDICCC050

Tgt Ion: 50 Resp: 67446

Ion Ratio Lower Upper

50 100

52 32.6 27.5 41.3



#4

Vinyl Chloride

Concen: 48.88 ug/l

RT: 1.41 min Scan# 135

Delta R.T. 0.00 min

Lab File: VX000357.D

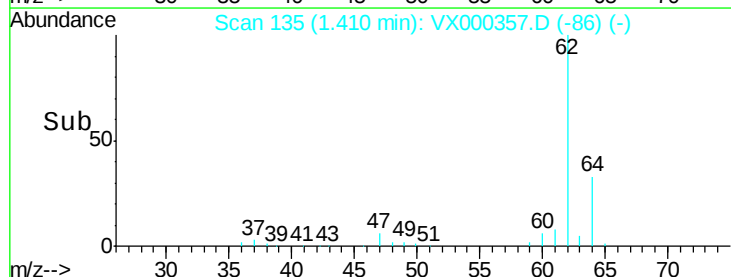
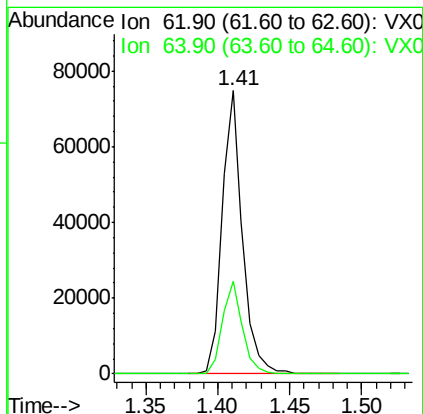
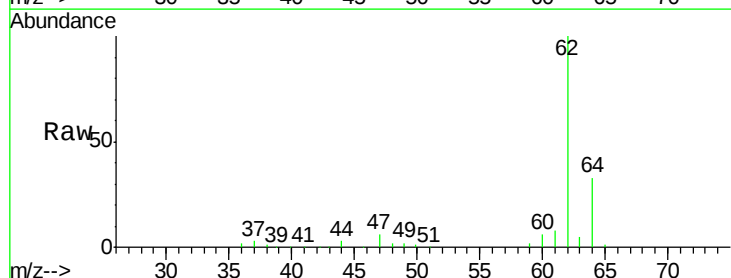
Acq: 20 Mar 2018 11:44

Tgt Ion: 62 Resp: 73923

Ion Ratio Lower Upper

62 100

64 32.9 24.8 37.2





#5

Bromomethane

Concen: 59.26 ug/l

RT: 1.64 min Scan# 173

Delta R.T. 0.00 min

Lab File: VX000357.D

Acq: 20 Mar 2018 11:44

Instrument :

MSVOA_X

ClientSampleId :

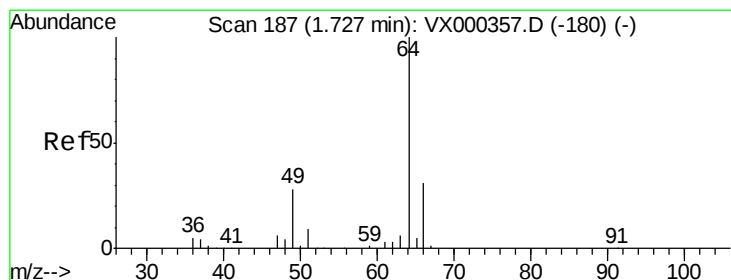
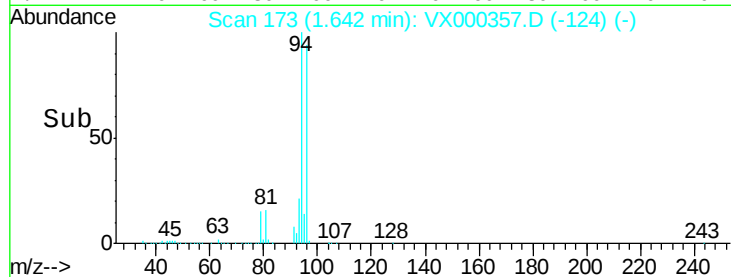
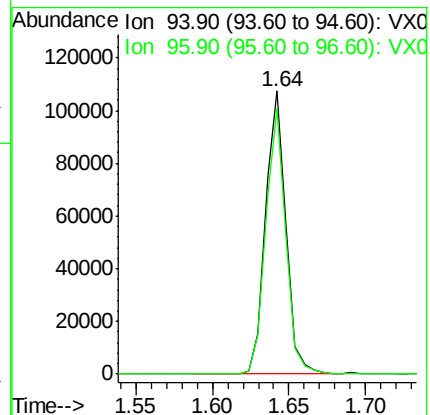
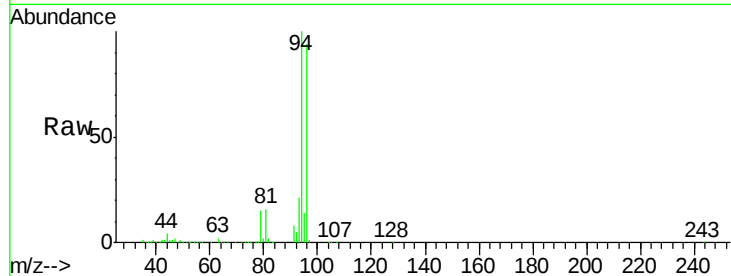
VSTDICCC050

Tgt Ion: 94 Resp: 100016

Ion Ratio Lower Upper

94 100

96 93.7 77.7 116.5



#6

Chloroethane

Concen: 46.95 ug/l

RT: 1.73 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX000357.D

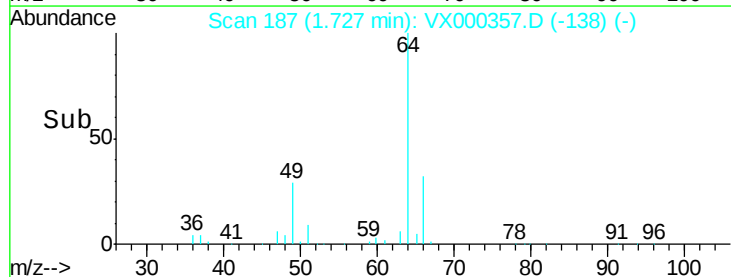
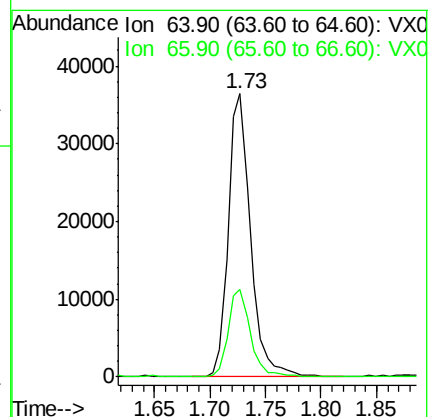
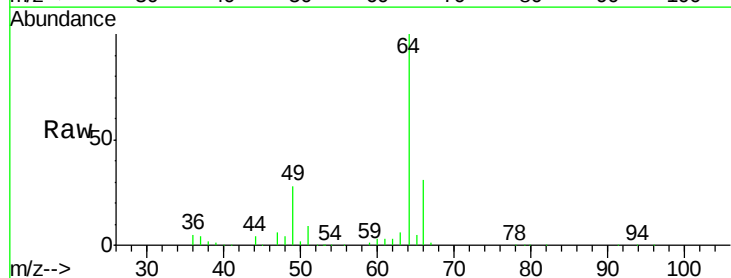
Acq: 20 Mar 2018 11:44

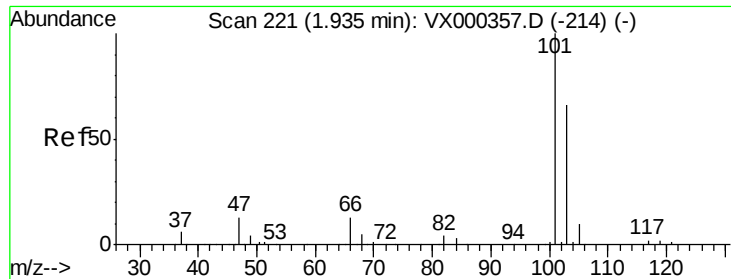
Tgt Ion: 64 Resp: 50461

Ion Ratio Lower Upper

64 100

66 31.1 24.8 37.2



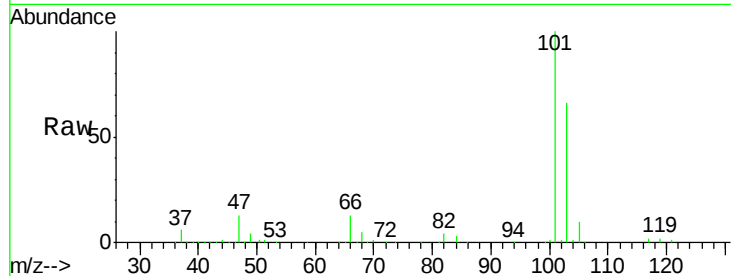


#7

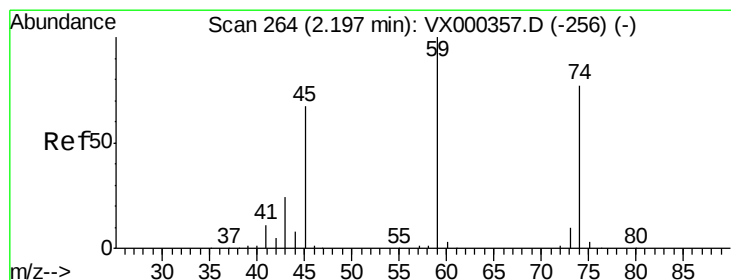
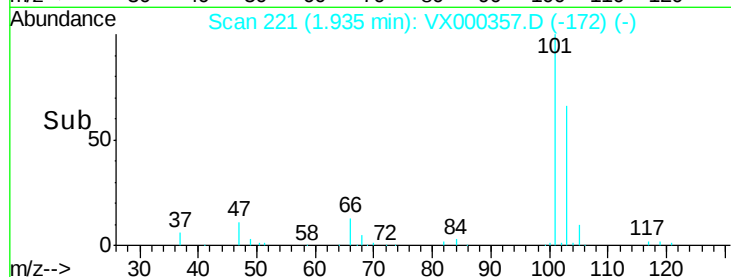
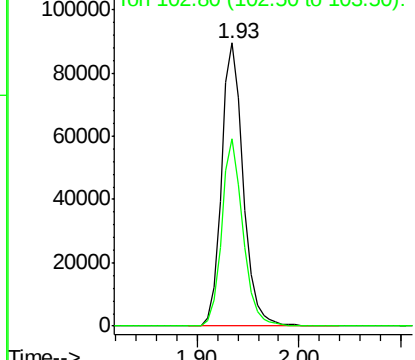
Trichlorofluoromethane
 Concen: 50.41 ug/l
 RT: 1.93 min Scan# 221
 Delta R.T. 0.00 min
 Lab File: VX000357.D
 Acq: 20 Mar 2018 11:44

Instrument :
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Tgt Ion: 101 Resp: 132396
 Ion Ratio Lower Upper
 101 100
 103 66.3 51.6 77.4



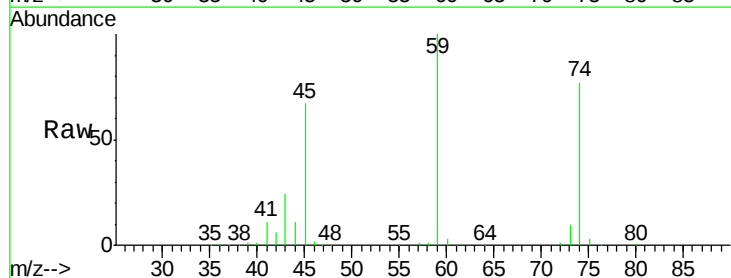
Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 102.80 (102.50 to 103.50): V



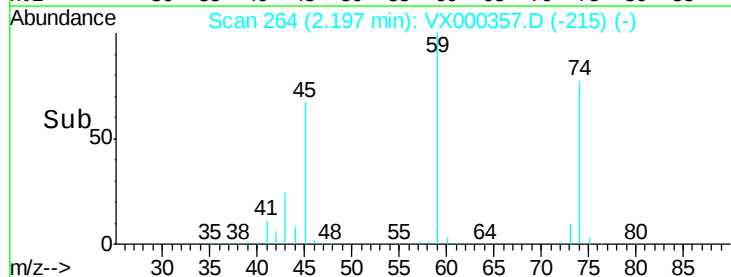
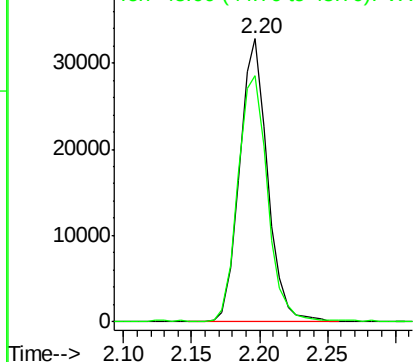
#8

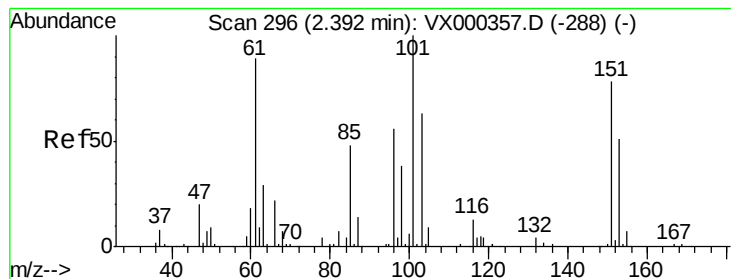
Diethyl Ether
 Concen: 50.32 ug/l
 RT: 2.20 min Scan# 264
 Delta R.T. 0.00 min
 Lab File: VX000357.D
 Acq: 20 Mar 2018 11:44

Tgt Ion: 74 Resp: 47050
 Ion Ratio Lower Upper
 74 100
 45 92.3 45.1 135.3



Abundance Ion 74.00 (73.70 to 74.70): VX0
 Ion 45.00 (44.70 to 45.70): VX0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 51.02 ug/l

RT: 2.39 min Scan# 296

Delta R.T. 0.00 min

Lab File: VX000357.D

Acq: 20 Mar 2018 11:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

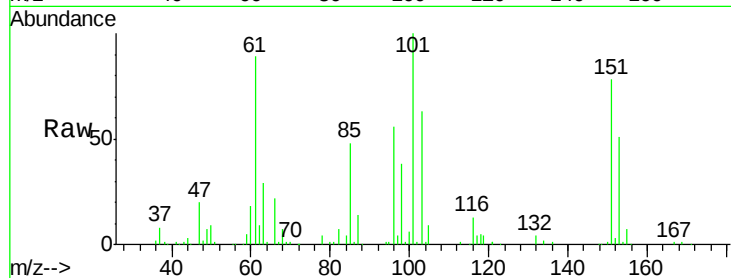
Tgt Ion:101 Resp: 72154

Ion Ratio Lower Upper

101 100

85 50.3 37.6 56.4

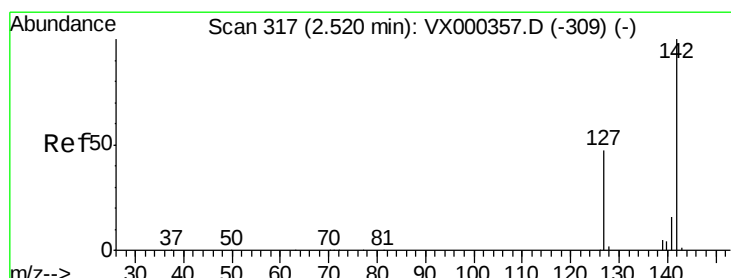
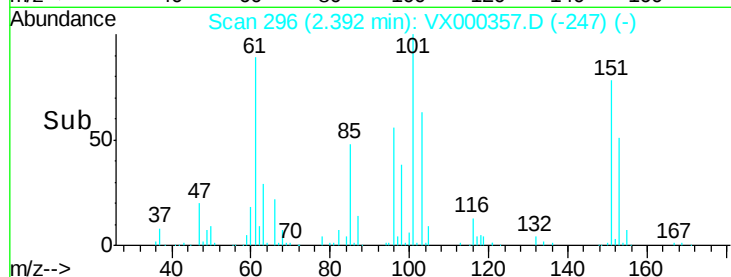
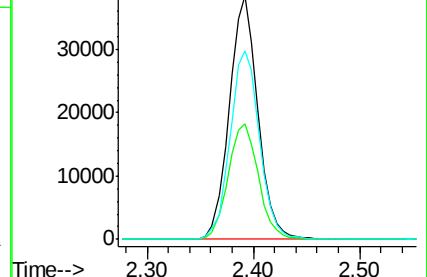
151 80.3 62.6 93.8



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 53.27 ug/l

RT: 2.52 min Scan# 317

Delta R.T. 0.00 min

Lab File: VX000357.D

Acq: 20 Mar 2018 11:44

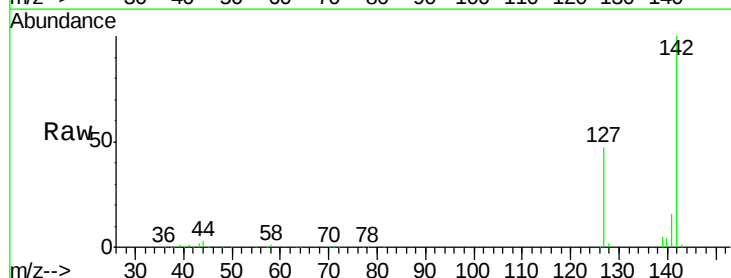
Tgt Ion:142 Resp: 76133

Ion Ratio Lower Upper

142 100

127 48.6 39.2 58.8

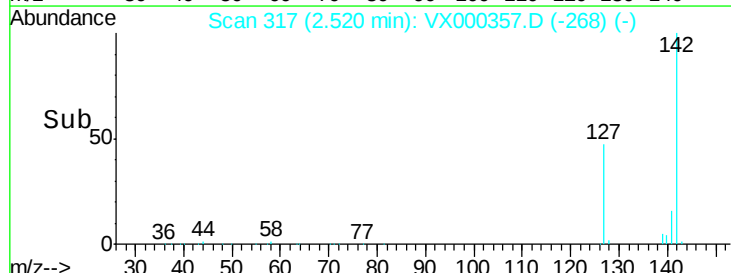
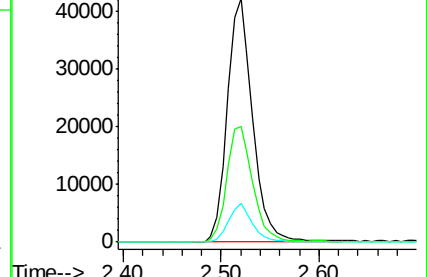
141 14.7 11.7 17.5

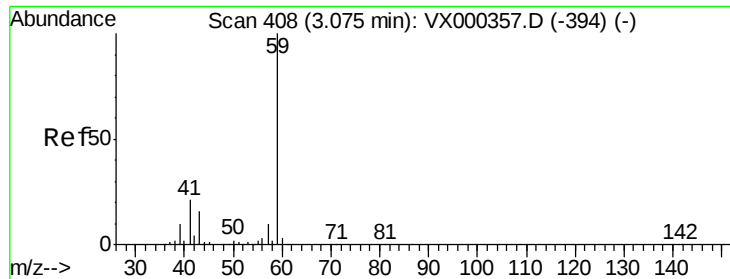


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

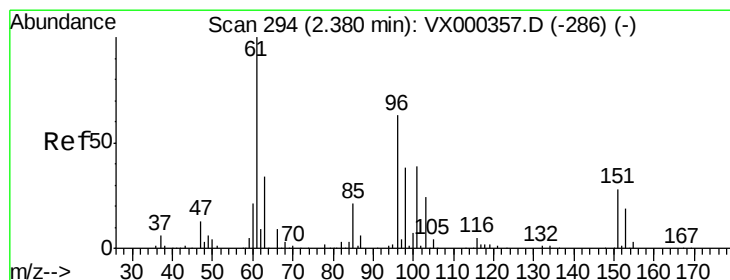
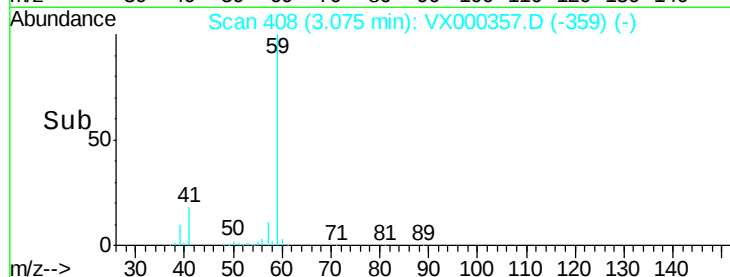
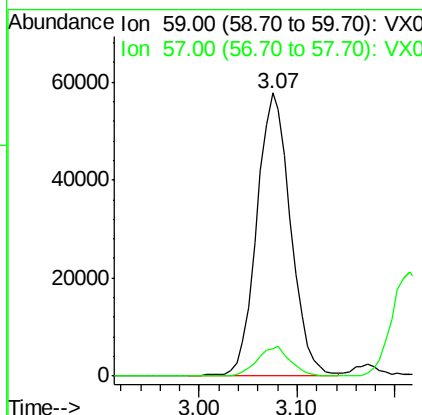
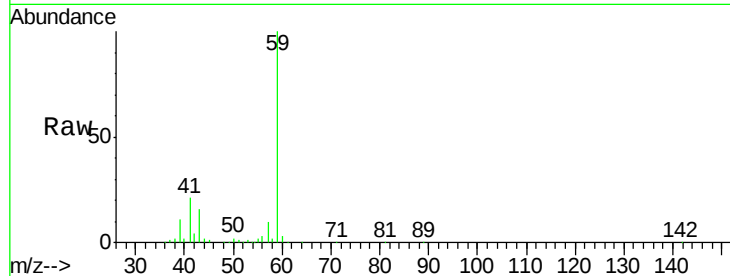




#11
Tert butyl alcohol
Concen: 254.04 ug/l
RT: 3.07 min Scan# 408
Delta R.T. 0.00 min
Lab File: VX000357.D
Acq: 20 Mar 2018 11:44

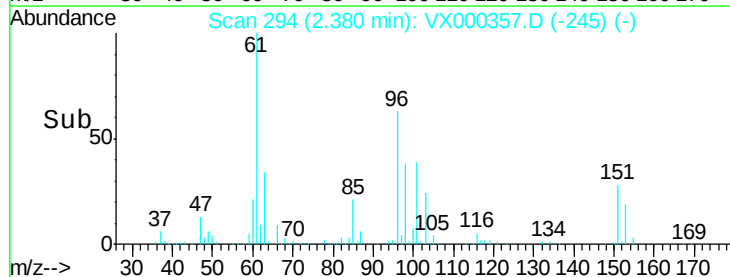
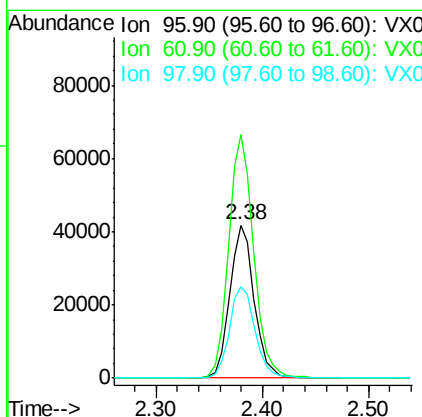
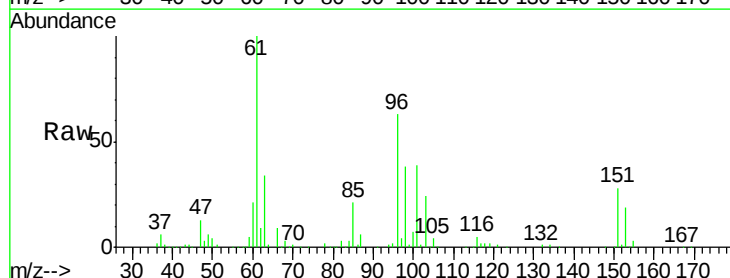
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

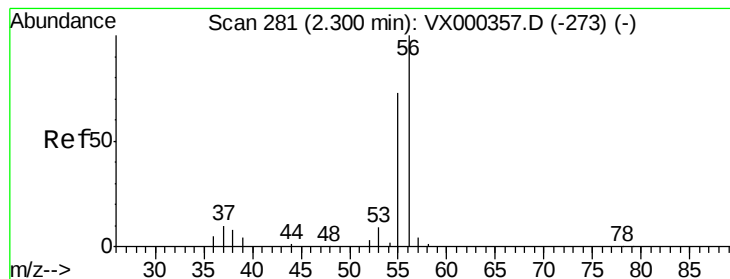
Tgt Ion: 59 Resp: 139818
Ion Ratio Lower Upper
59 100
57 10.1 8.4 12.6



#12
1,1-Dichloroethene
Concen: 50.10 ug/l
RT: 2.38 min Scan# 294
Delta R.T. 0.00 min
Lab File: VX000357.D
Acq: 20 Mar 2018 11:44

Tgt Ion: 96 Resp: 67251
Ion Ratio Lower Upper
96 100
61 159.2 131.2 196.8
98 60.1 49.8 74.8





#13

Acrolein

Concen: 181.66 ug/l

RT: 2.30 min Scan# 281

Delta R.T. 0.00 min

Lab File: VX000357.D

Acq: 20 Mar 2018 11:44

Instrument :

MSVOA_X

ClientSampleId :

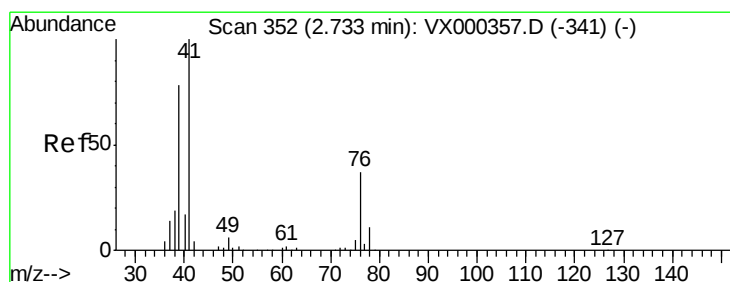
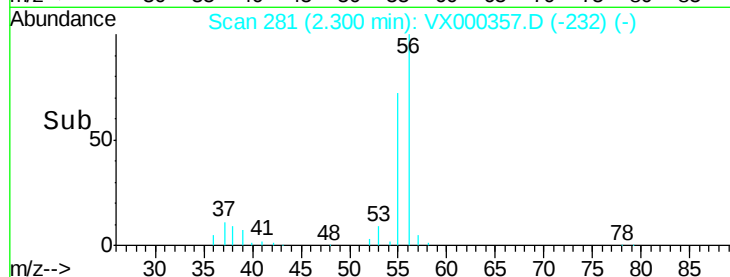
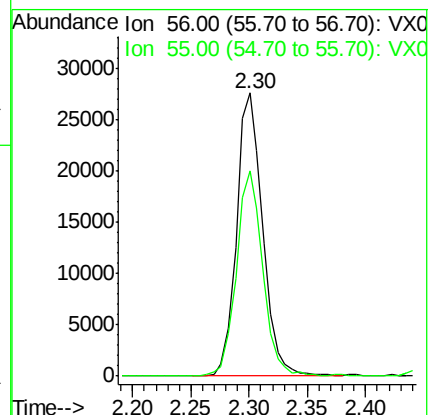
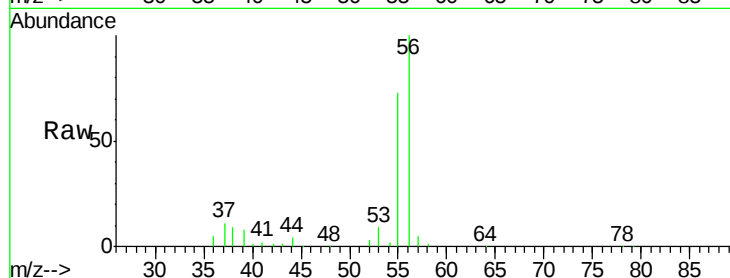
VSTDICCC050

Tgt Ion: 56 Resp: 43016

Ion Ratio Lower Upper

56 100

55 73.5 58.8 88.2



#14

Allyl chloride

Concen: 51.39 ug/l

RT: 2.73 min Scan# 352

Delta R.T. 0.00 min

Lab File: VX000357.D

Acq: 20 Mar 2018 11:44

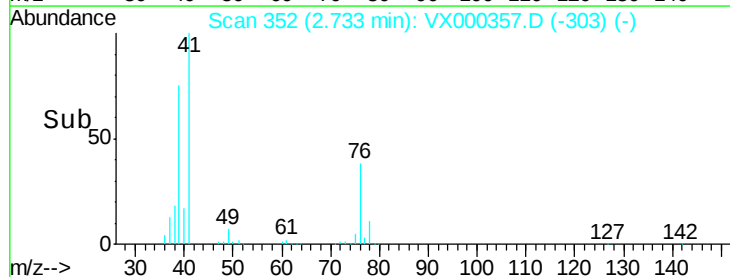
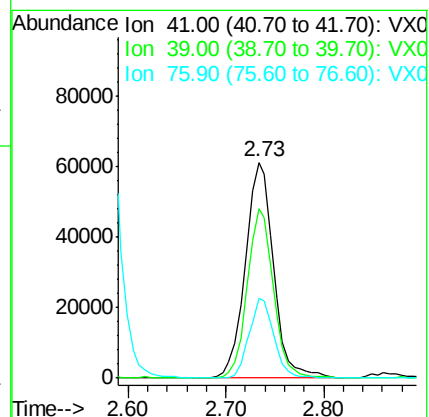
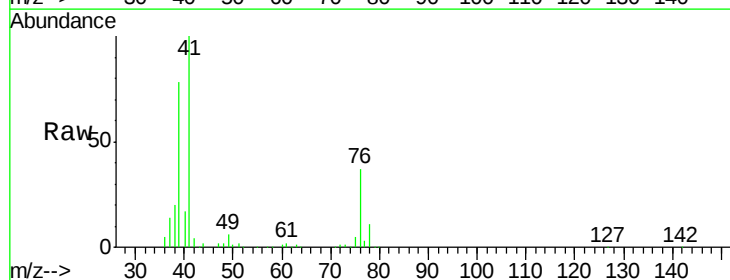
Tgt Ion: 41 Resp: 123000

Ion Ratio Lower Upper

41 100

39 71.8 57.6 86.4

76 32.5 27.3 40.9





#15

Acrylonitrile

Concen: 257.69 ug/l

RT: 3.15 min Scan# 421

Delta R.T. 0.00 min

Lab File: VX000357.D

Acq: 20 Mar 2018 11:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

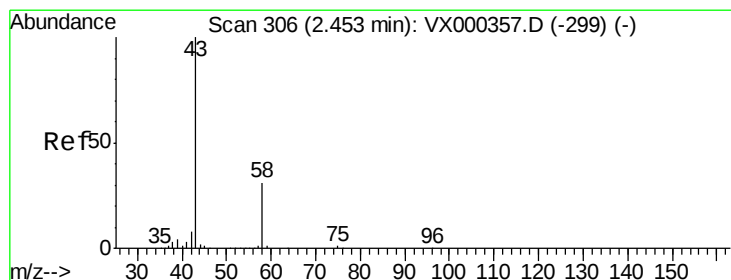
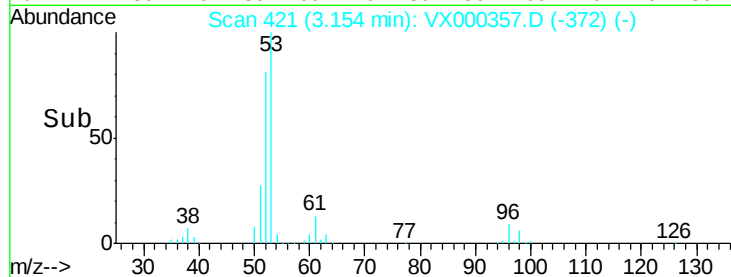
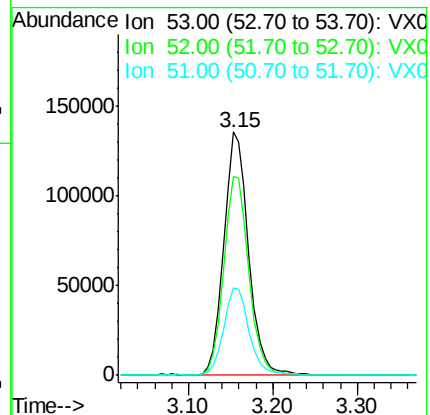
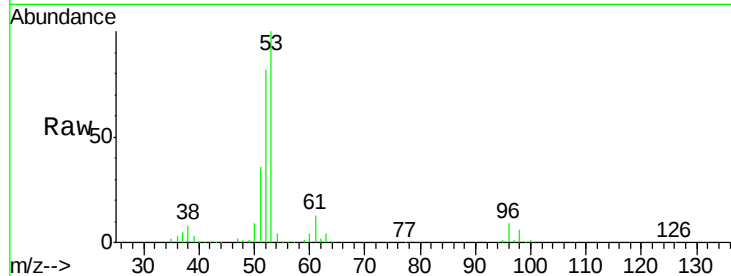
Tgt Ion: 53 Resp: 273464

Ion Ratio Lower Upper

53 100

52 82.7 66.6 99.8

51 37.4 29.3 43.9



#16

Acetone

Concen: 289.42 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.00 min

Lab File: VX000357.D

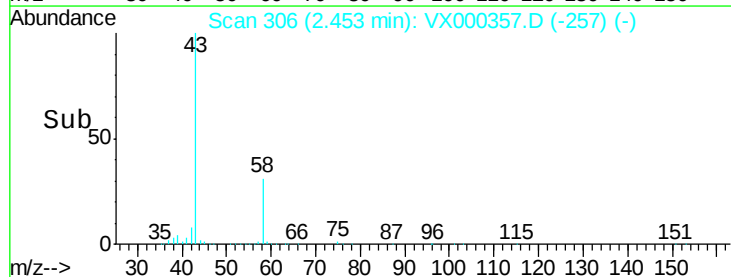
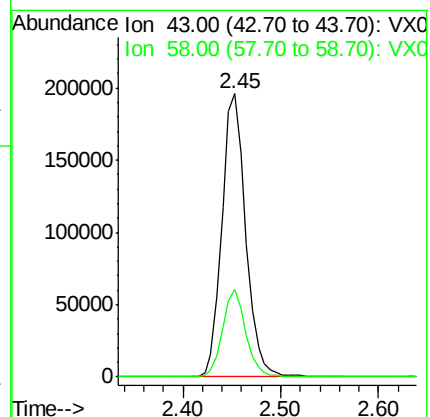
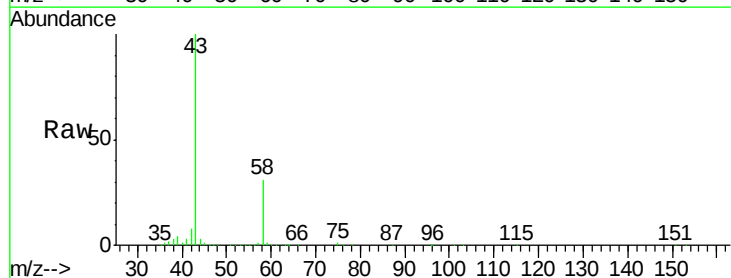
Acq: 20 Mar 2018 11:44

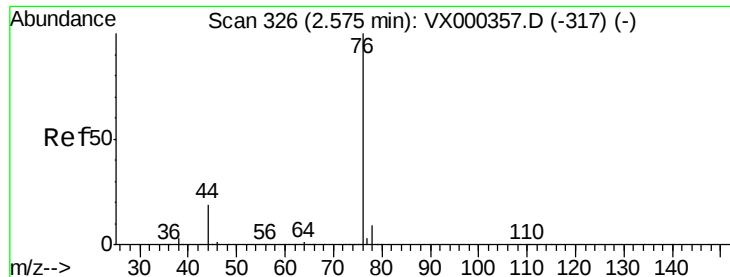
Tgt Ion: 43 Resp: 328723

Ion Ratio Lower Upper

43 100

58 30.8 24.7 37.1

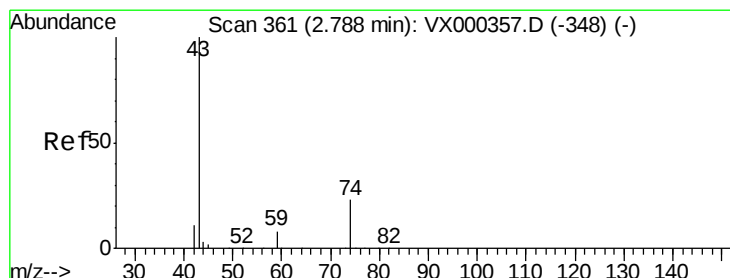
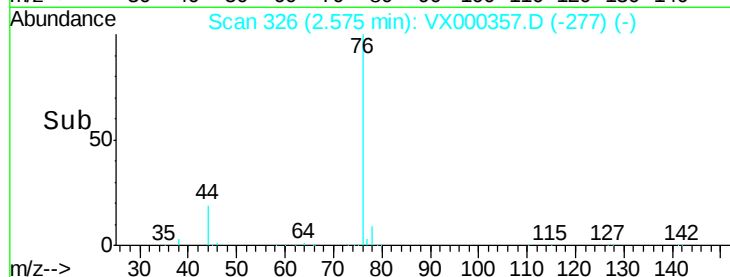
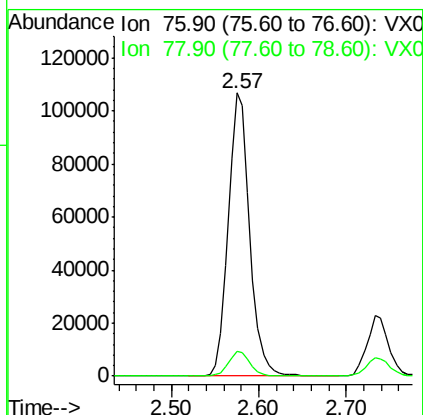
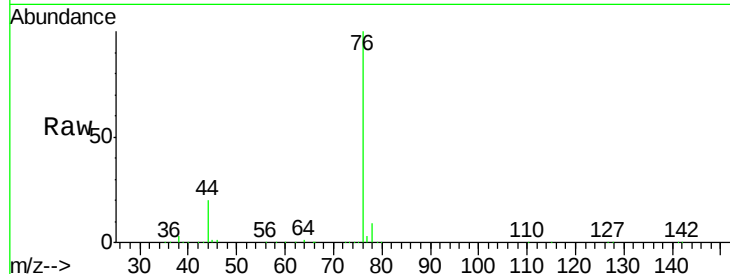




#17
Carbon Disulfide
Concen: 46.21 ug/l
RT: 2.57 min Scan# 326
Delta R.T. 0.00 min
Lab File: VX000357.D
Acq: 20 Mar 2018 11:44

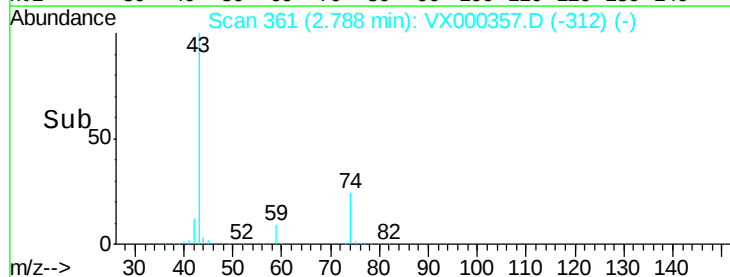
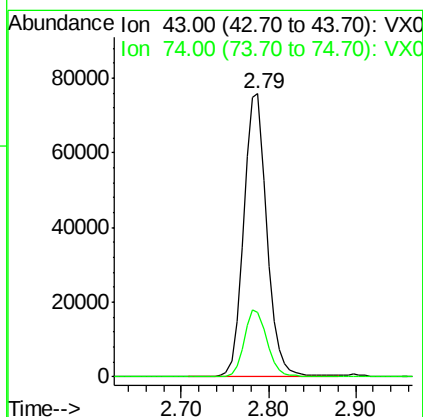
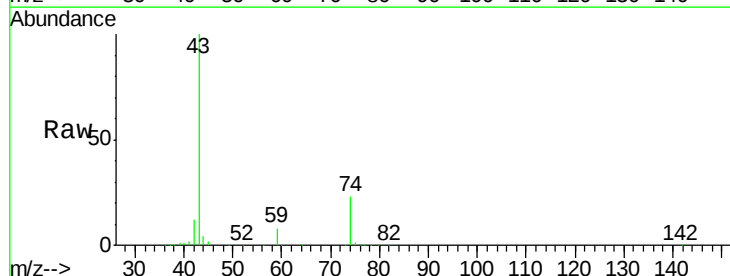
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

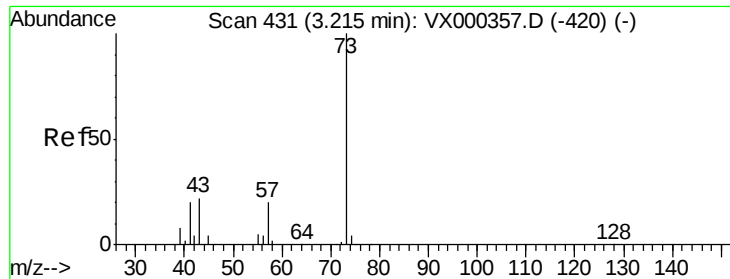
Tgt Ion: 76 Resp: 181180
Ion Ratio Lower Upper
76 100
78 8.9 7.0 10.6



#18
Methyl Acetate
Concen: 54.57 ug/l
RT: 2.79 min Scan# 361
Delta R.T. 0.00 min
Lab File: VX000357.D
Acq: 20 Mar 2018 11:44

Tgt Ion: 43 Resp: 138698
Ion Ratio Lower Upper
43 100
74 23.6 19.4 29.2





#19

Methyl tert-butyl Ether

Concen: 51.91 ug/l

RT: 3.21 min Scan# 431

Delta R.T. 0.00 min

Lab File: VX000357.D

Acq: 20 Mar 2018 11:44

Instrument :

MSVOA_X

ClientSampleId :

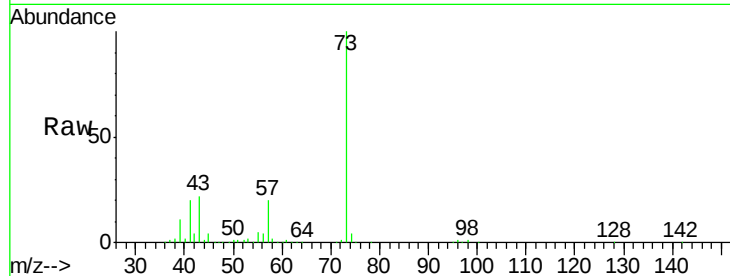
VSTDICCC050

Tgt Ion: 73 Resp: 245312

Ion Ratio Lower Upper

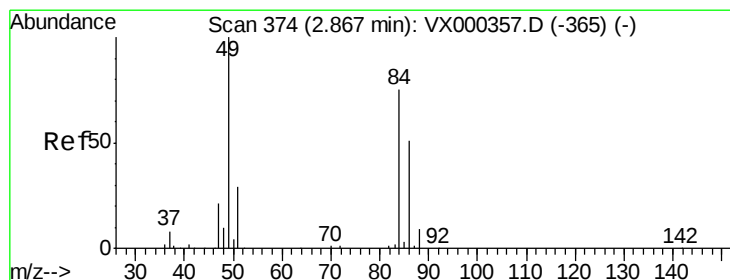
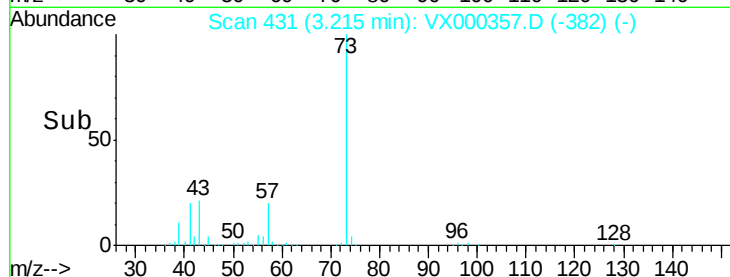
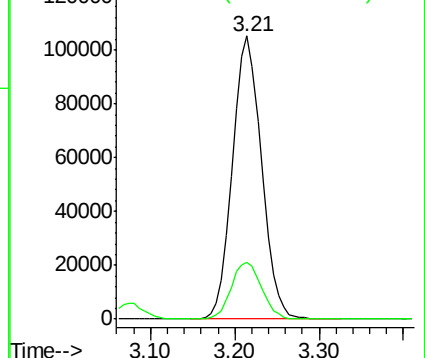
73 100

57 20.1 17.2 25.8



Abundance Ion 73.00 (72.70 to 73.70): VX0

Ion 57.00 (56.70 to 57.70): VX0



#20

Methylene Chloride

Concen: 50.15 ug/l

RT: 2.87 min Scan# 374

Delta R.T. 0.00 min

Lab File: VX000357.D

Acq: 20 Mar 2018 11:44

Tgt Ion: 84 Resp: 73739

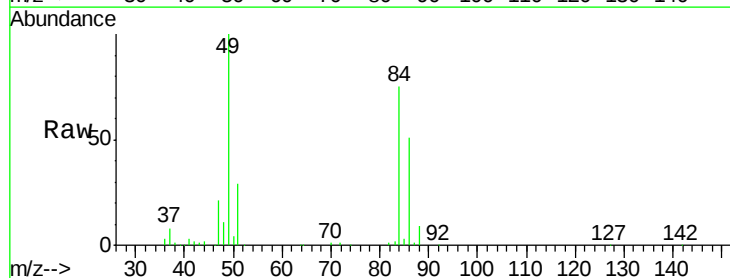
Ion Ratio Lower Upper

84 100

49 134.2 100.6 151.0

51 39.5 31.6 47.4

86 68.7 52.6 78.8

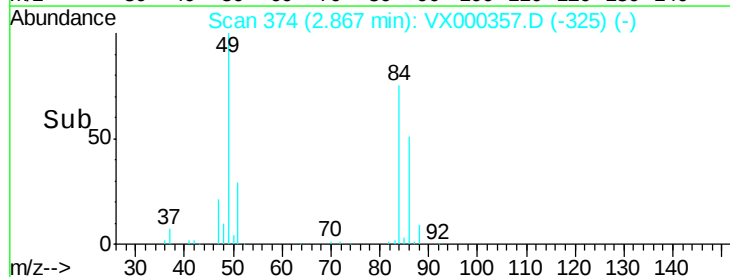
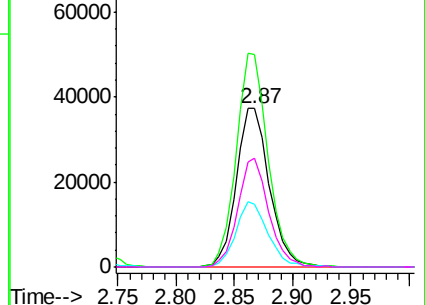


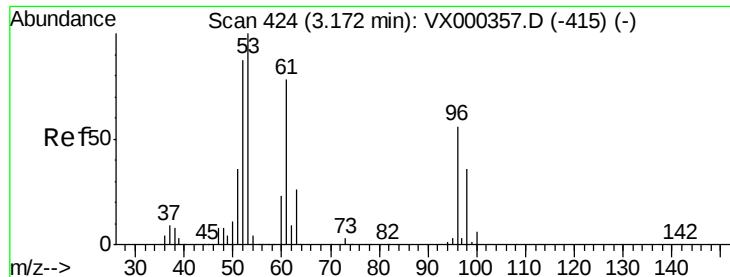
Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0





#21

trans-1,2-Dichloroethene

Concen: 48.16 ug/l

RT: 3.17 min Scan# 424

Delta R.T. 0.00 min

Lab File: VX000357.D

Acq: 20 Mar 2018 11:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

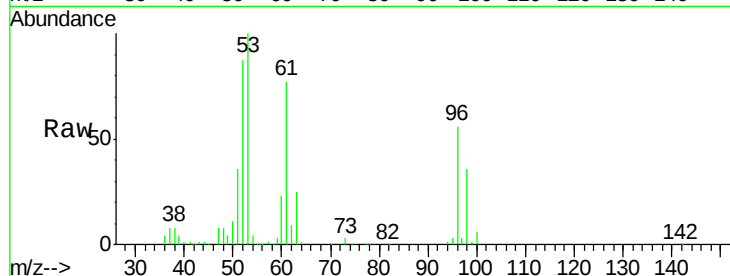
Tgt Ion: 96 Resp: 71466

Ion Ratio Lower Upper

96 100

61 138.4 104.0 156.0

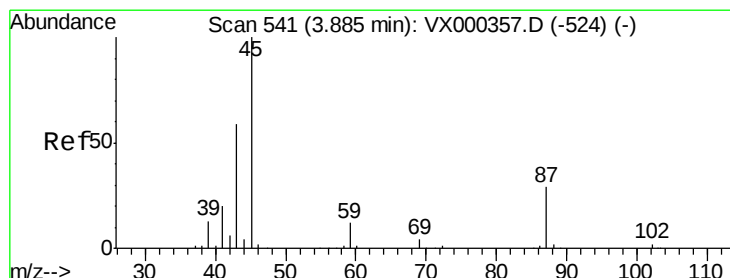
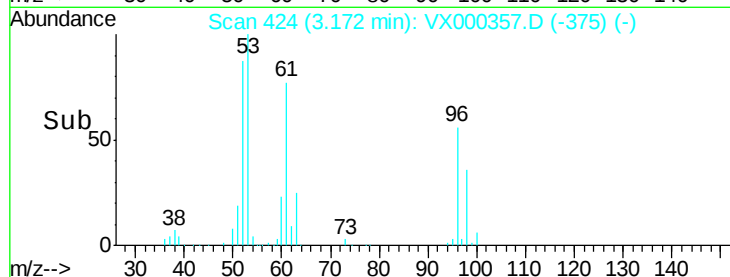
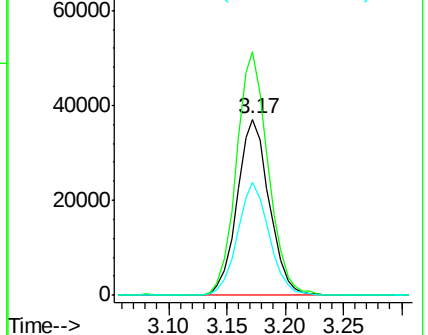
98 64.0 52.1 78.1



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 48.13 ug/l

RT: 3.89 min Scan# 541

Delta R.T. 0.00 min

Lab File: VX000357.D

Acq: 20 Mar 2018 11:44

Tgt Ion: 45 Resp: 191746

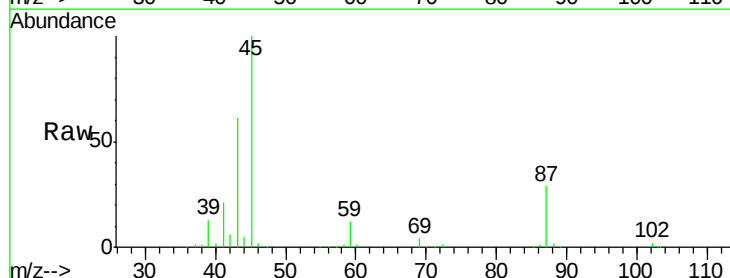
Ion Ratio Lower Upper

45 100

43 59.4 53.9 80.9

87 28.9 22.6 34.0

59 11.5 9.5 14.3

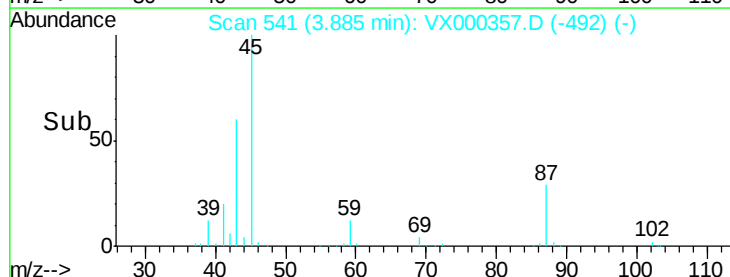
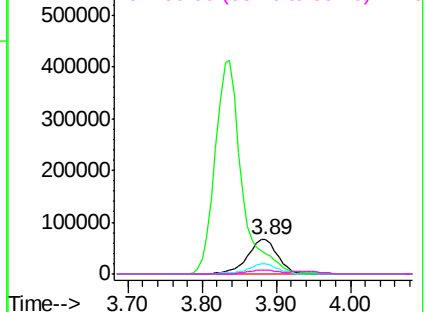


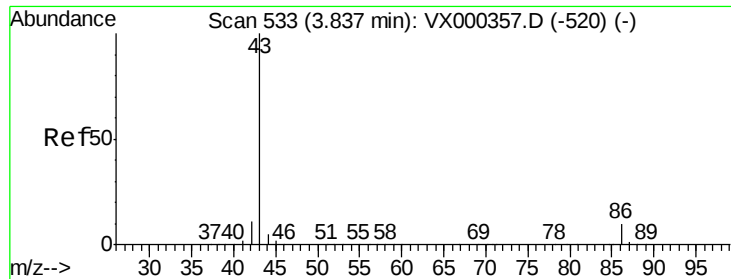
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 270.02 ug/l

RT: 3.84 min Scan# 533

Delta R.T. 0.00 min

Lab File: VX000357.D

Acq: 20 Mar 2018 11:44

Instrument :

MSVOA_X

ClientSampleId :

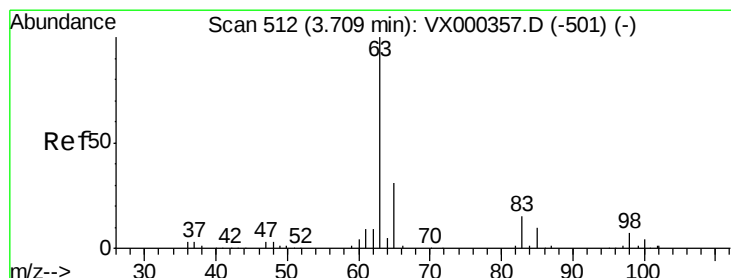
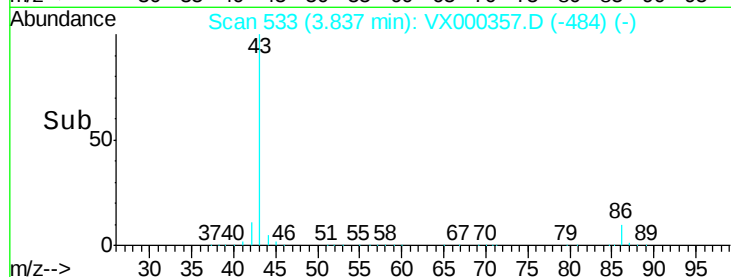
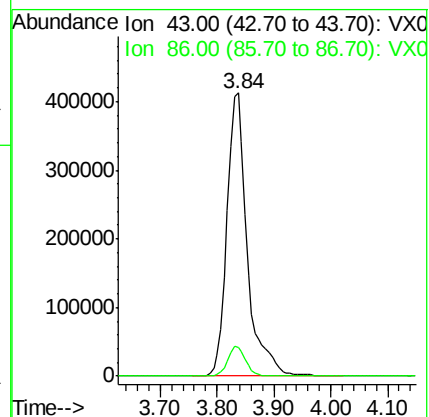
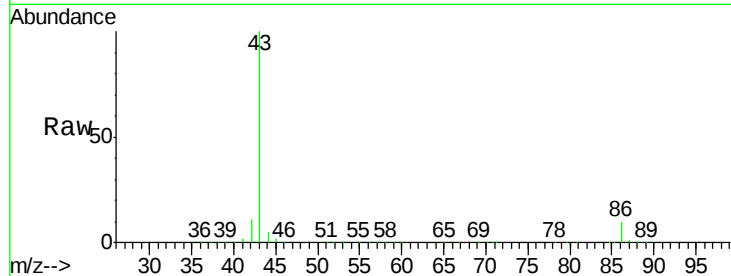
VSTDICCC050

Tgt Ion: 43 Resp: 1025233

Ion Ratio Lower Upper

43 100

86 10.0 8.6 12.8



#24

1,1-Dichloroethane

Concen: 53.08 ug/l

RT: 3.71 min Scan# 512

Delta R.T. 0.00 min

Lab File: VX000357.D

Acq: 20 Mar 2018 11:44

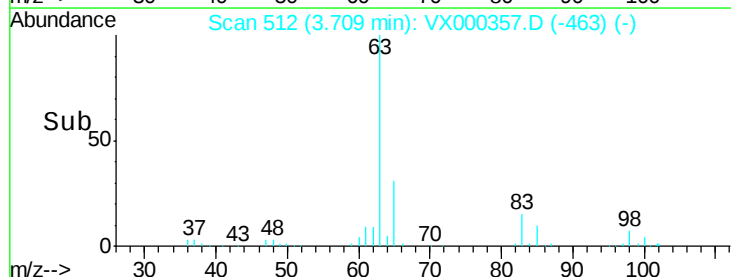
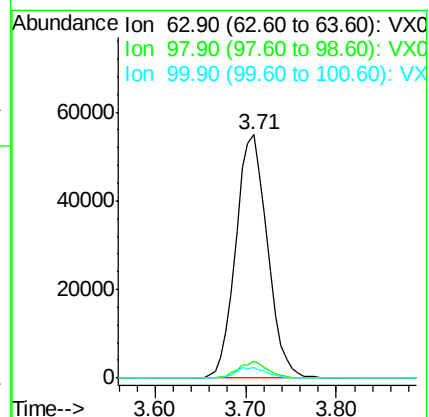
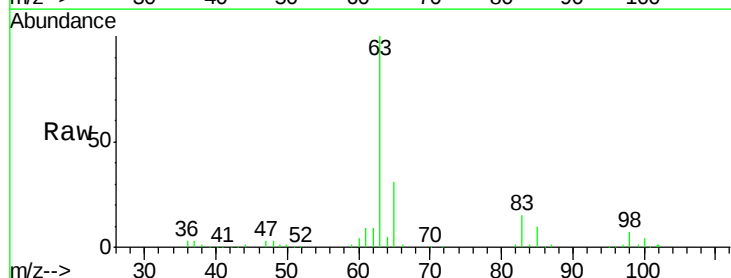
Tgt Ion: 63 Resp: 133016

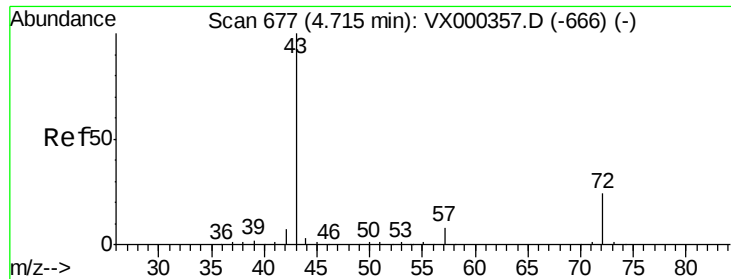
Ion Ratio Lower Upper

63 100

98 6.9 3.3 9.9

100 4.3 2.0 5.8





#25

2-Butanone

Concen: 278.73 ug/l

RT: 4.71 min Scan# 677

Delta R.T. 0.00 min

Lab File: VX000357.D

Acq: 20 Mar 2018 11:44

Instrument :

MSVOA_X

ClientSampleId :

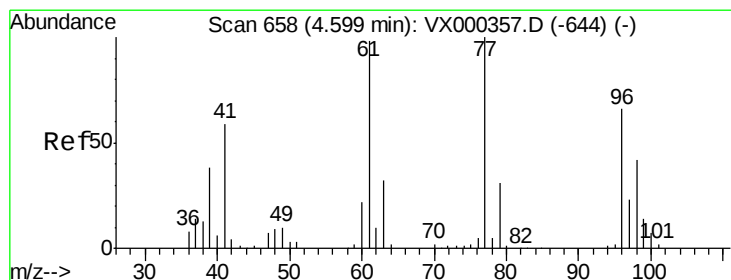
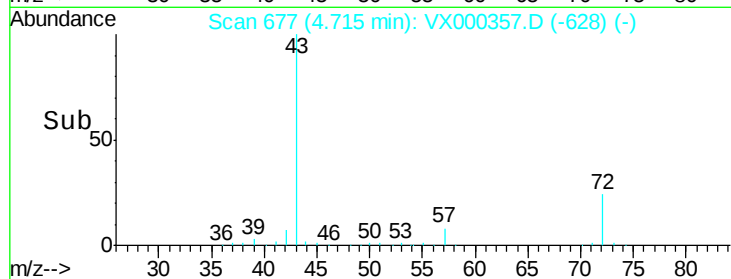
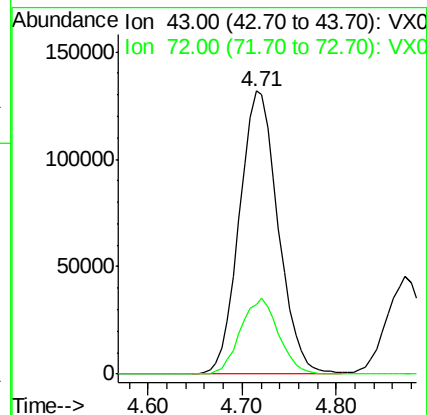
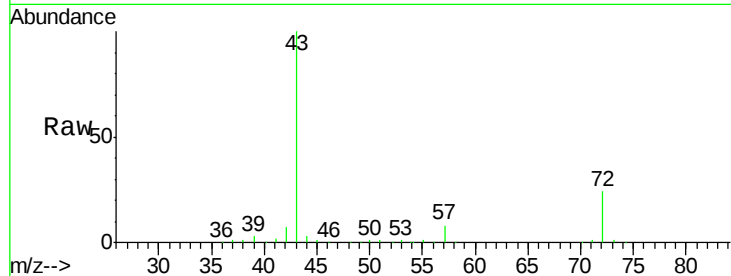
VSTDICCC050

Tgt Ion: 43 Resp: 378379

Ion Ratio Lower Upper

43 100

72 24.5 21.0 31.6



#26

2,2-Dichloropropane

Concen: 53.00 ug/l

RT: 4.60 min Scan# 658

Delta R.T. 0.00 min

Lab File: VX000357.D

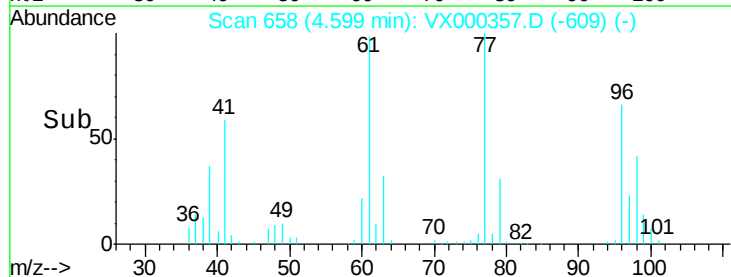
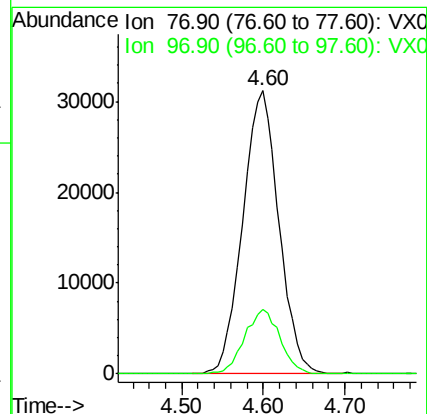
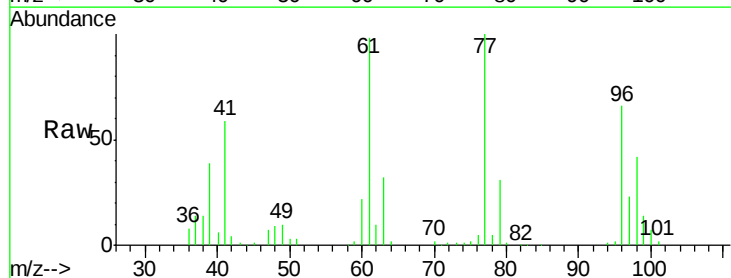
Acq: 20 Mar 2018 11:44

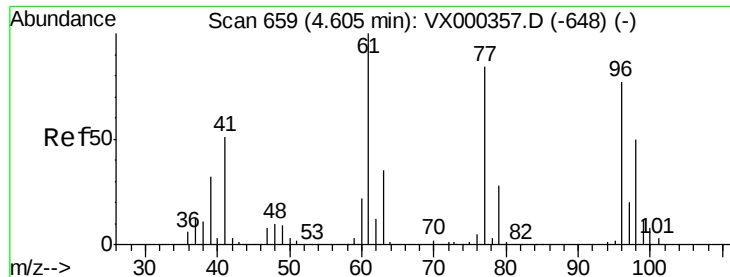
Tgt Ion: 77 Resp: 95875

Ion Ratio Lower Upper

77 100

97 22.3 11.3 33.8



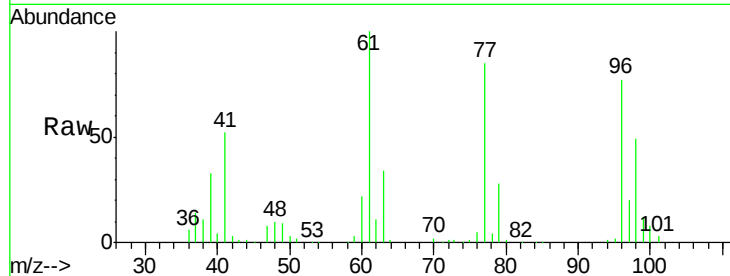


#27

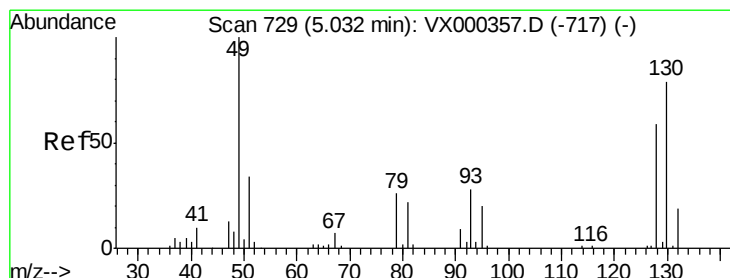
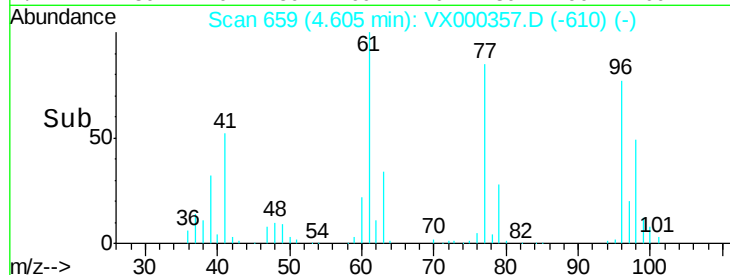
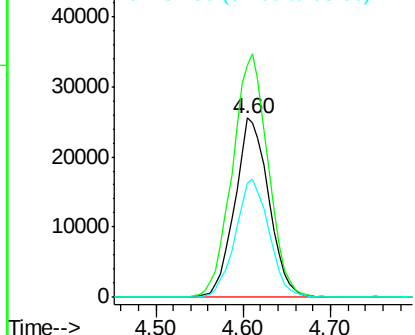
cis-1,2-Dichloroethene
Concen: 50.99 ug/l
RT: 4.60 min Scan# 659
Delta R.T. 0.00 min
Lab File: VX000357.D
Acq: 20 Mar 2018 11:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 96 Resp: 69120
Ion Ratio Lower Upper
96 100
61 142.6 0.0 291.6
98 65.1 0.0 132.0



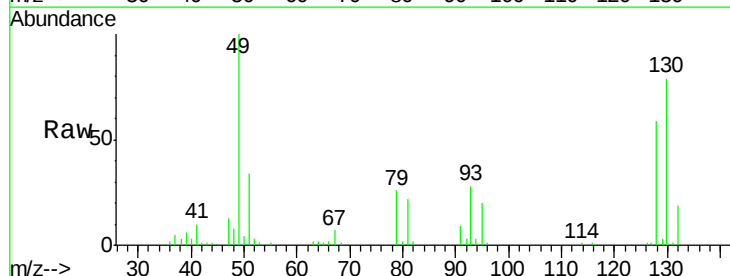
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



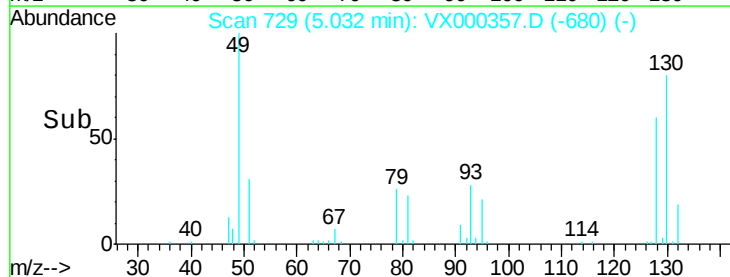
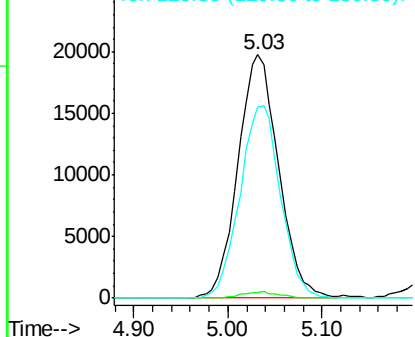
#28

Bromochloromethane
Concen: 56.58 ug/l
RT: 5.03 min Scan# 729
Delta R.T. 0.00 min
Lab File: VX000357.D
Acq: 20 Mar 2018 11:44

Tgt Ion: 49 Resp: 59598
Ion Ratio Lower Upper
49 100
129 2.4 0.0 5.0
130 78.9 64.0 96.0



Abundance Ion 48.90 (48.60 to 49.60): VX0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V

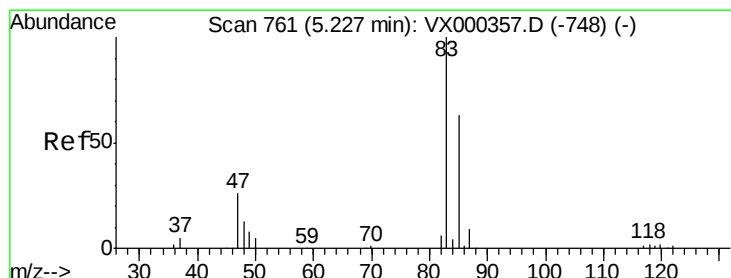
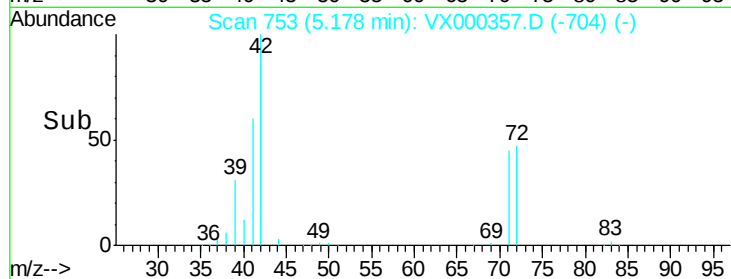
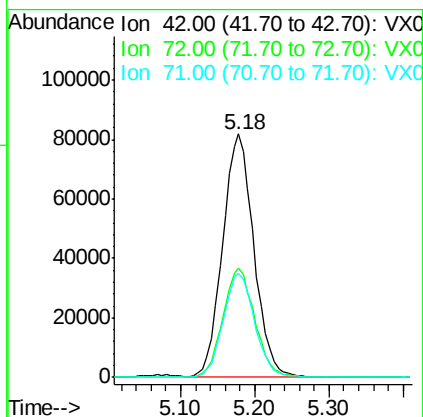
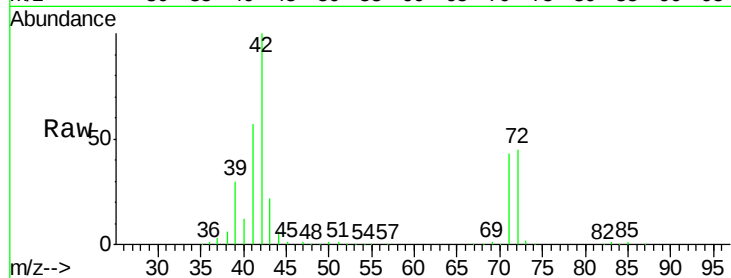




#29
Tetrahydrofuran
Concen: 272.80 ug/l
RT: 5.18 min Scan# 753
Delta R.T. 0.00 min
Lab File: VX000357.D
Acq: 20 Mar 2018 11:44

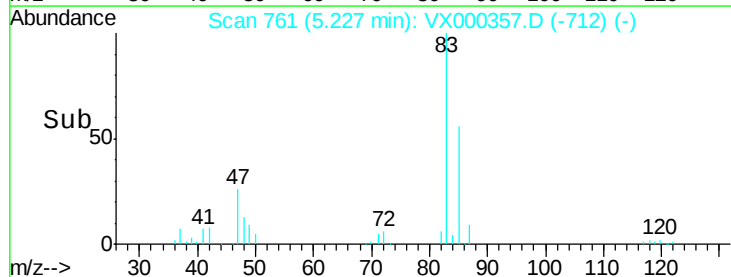
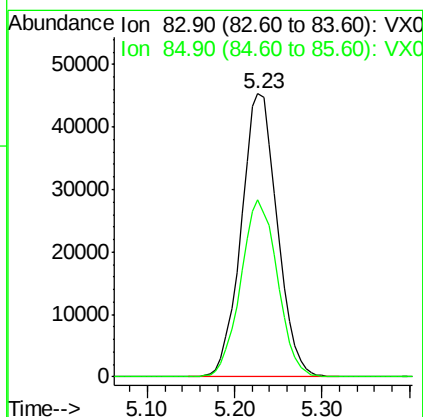
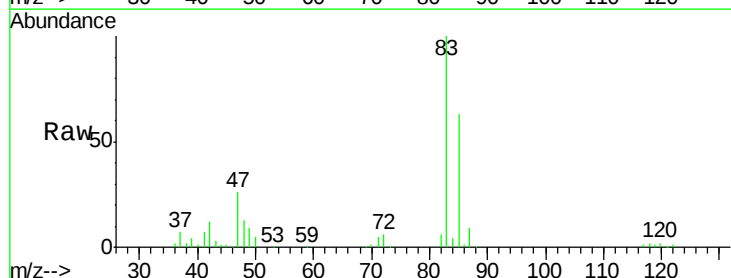
Instrument :
MSVOA_X
ClientSampled :
VSTDICCC050

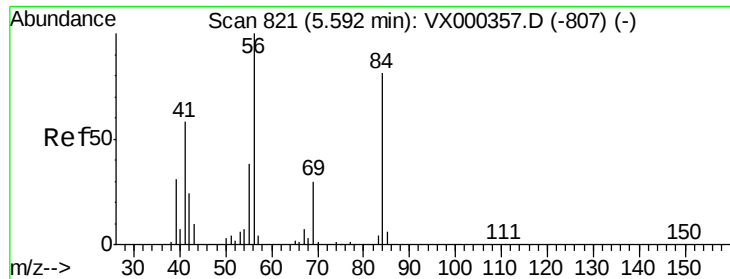
Tgt Ion: 42 Resp: 238350
Ion Ratio Lower Upper
42 100
72 45.9 37.9 56.9
71 43.3 34.4 51.6



#30
Chloroform
Concen: 54.89 ug/l
RT: 5.23 min Scan# 761
Delta R.T. 0.00 min
Lab File: VX000357.D
Acq: 20 Mar 2018 11:44

Tgt Ion: 83 Resp: 129864
Ion Ratio Lower Upper
83 100
85 62.8 53.3 79.9

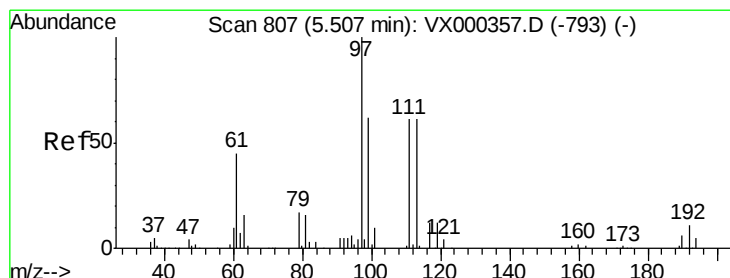
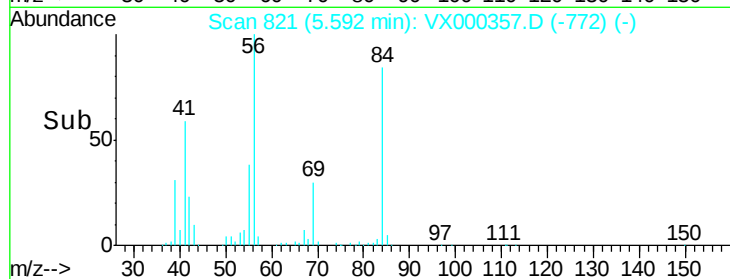
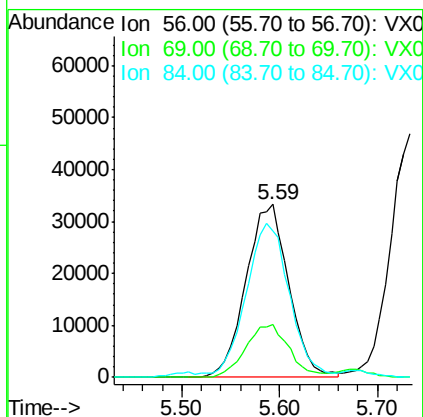
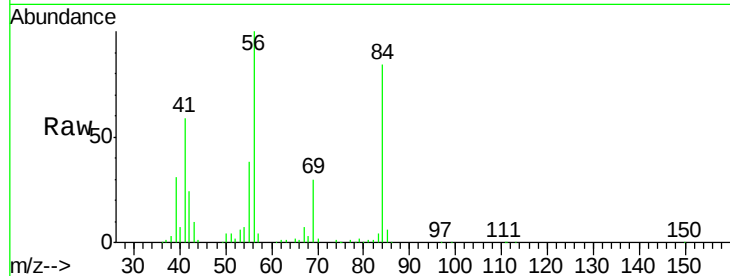




#31
Cyclohexane
Concen: 52.73 ug/l
RT: 5.59 min Scan# 821
Delta R.T. 0.00 min
Lab File: VX000357.D
Acq: 20 Mar 2018 11:44

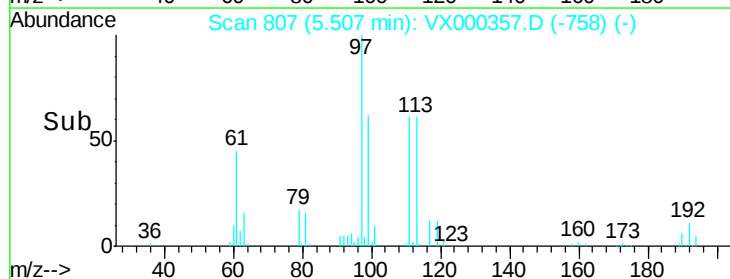
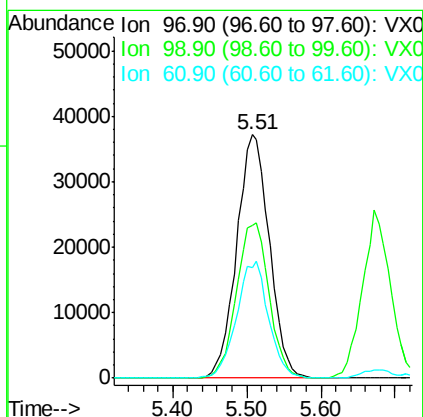
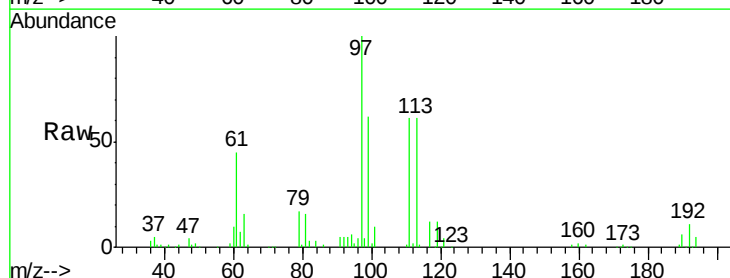
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

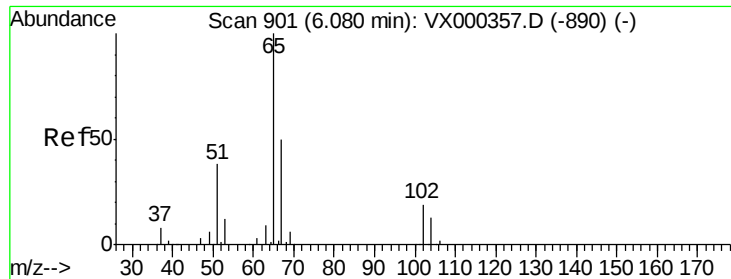
Tgt Ion: 56 Resp: 101394
Ion Ratio Lower Upper
56 100
69 30.4 23.4 35.0
84 81.7 71.0 106.4



#32
1,1,1-Trichloroethane
Concen: 54.73 ug/l
RT: 5.51 min Scan# 807
Delta R.T. 0.00 min
Lab File: VX000357.D
Acq: 20 Mar 2018 11:44

Tgt Ion: 97 Resp: 114436
Ion Ratio Lower Upper
97 100
99 63.7 52.1 78.1
61 46.8 36.2 54.4





#33

1,2-Dichloroethane-d4

Concen: 50.14 ug/l

RT: 6.08 min Scan# 901

Delta R.T. 0.00 min

Lab File: VX000357.D

Acq: 20 Mar 2018 11:44

Instrument :

MSVOA_X

ClientSampleId :

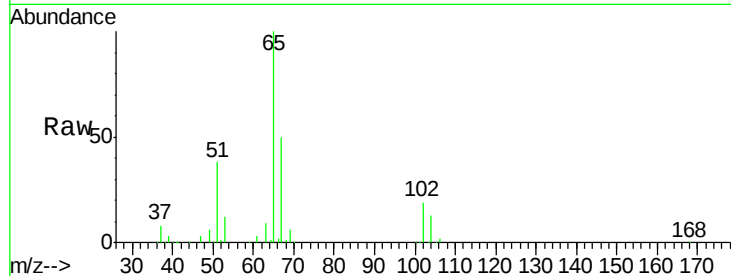
VSTDICCC050

Tgt Ion: 65 Resp: 85294

Ion Ratio Lower Upper

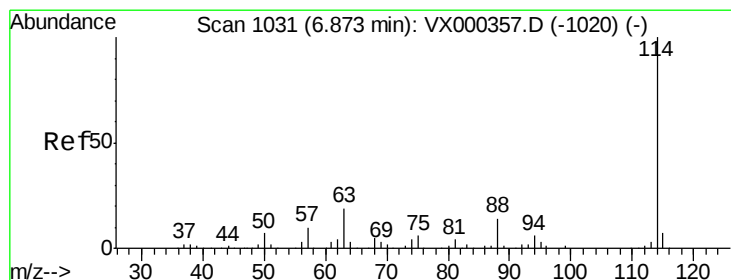
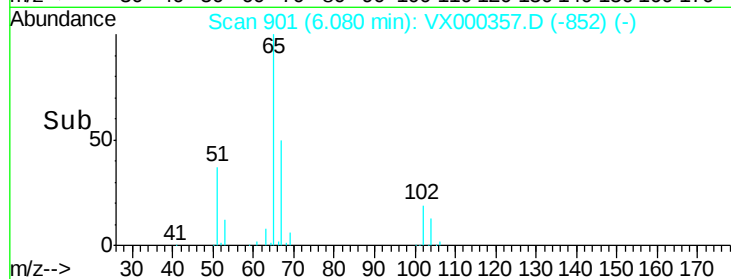
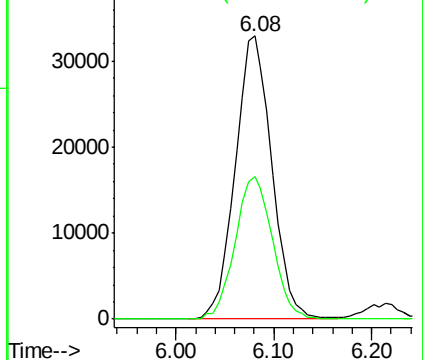
65 100

67 51.5 0.0 103.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VX000357.D

Acq: 20 Mar 2018 11:44

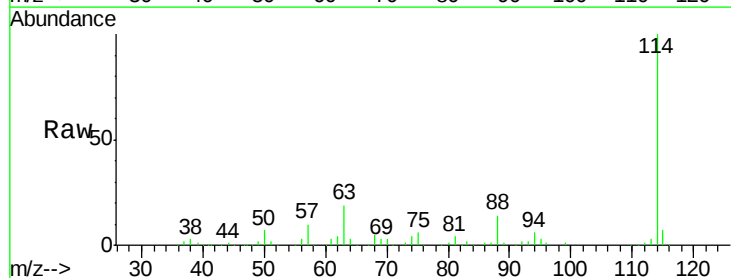
Tgt Ion: 114 Resp: 205608

Ion Ratio Lower Upper

114 100

63 19.4 0.0 38.4

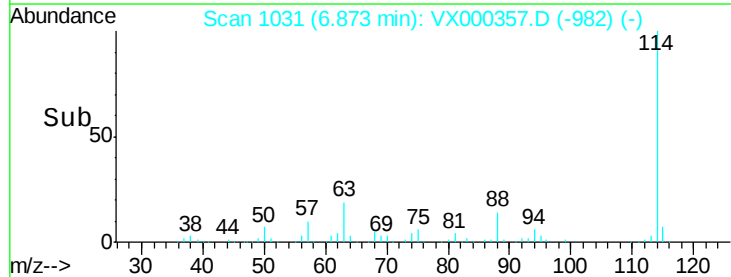
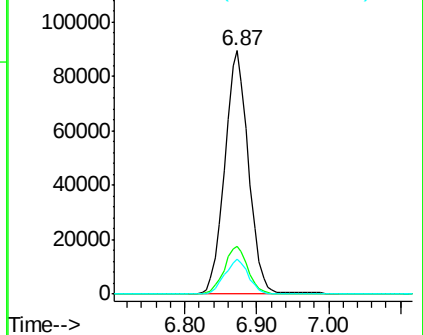
88 14.3 0.0 27.0

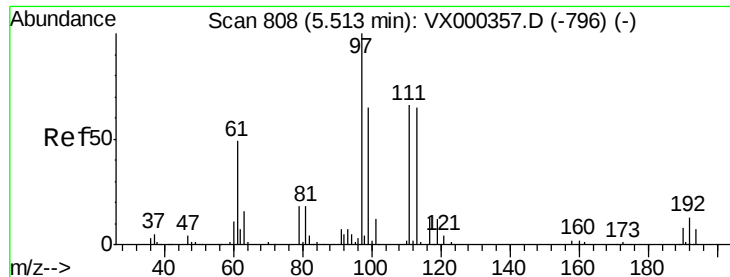


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 52.15 ug/l

RT: 5.51 min Scan# 808

Delta R.T. 0.00 min

Lab File: VX000357.D

Acq: 20 Mar 2018 11:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

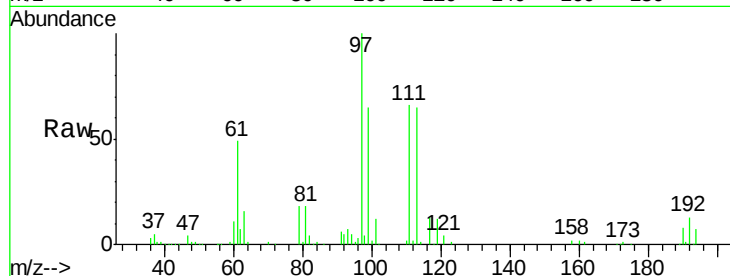
Tgt Ion:113 Resp: 67654

Ion Ratio Lower Upper

113 100

111 101.7 82.4 123.6

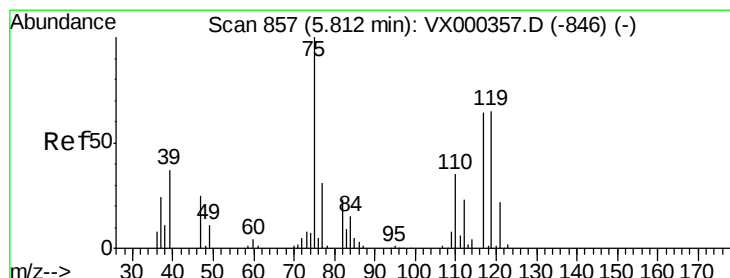
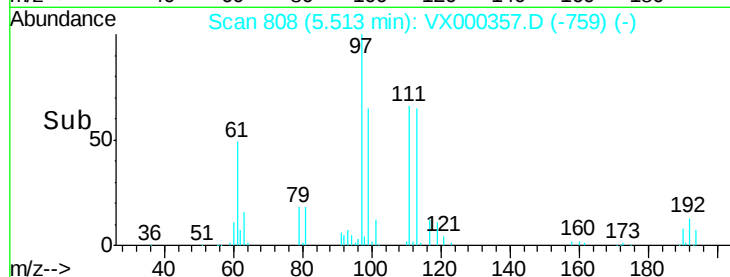
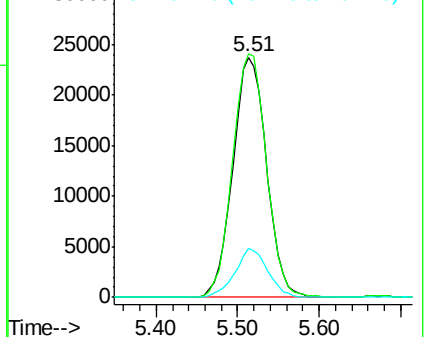
192 19.9 15.8 23.6



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: 49.48 ug/l

RT: 5.81 min Scan# 857

Delta R.T. 0.00 min

Lab File: VX000357.D

Acq: 20 Mar 2018 11:44

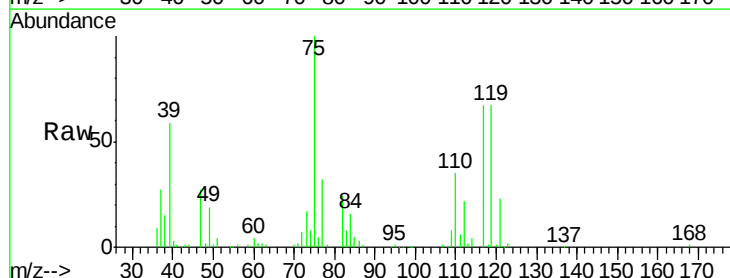
Tgt Ion: 75 Resp: 92447

Ion Ratio Lower Upper

75 100

110 36.4 17.9 53.7

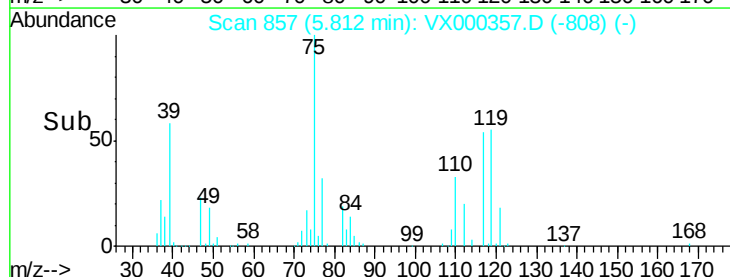
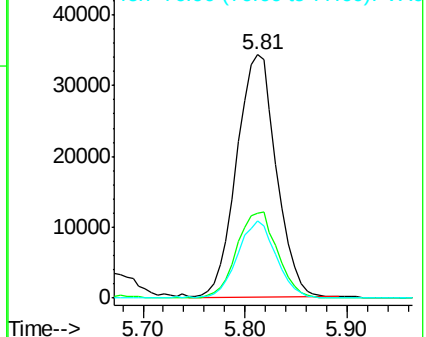
77 31.2 24.0 36.0

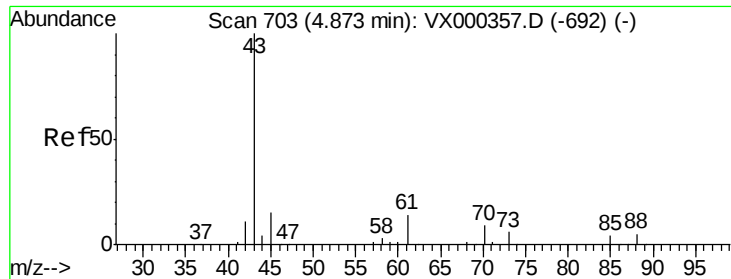


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

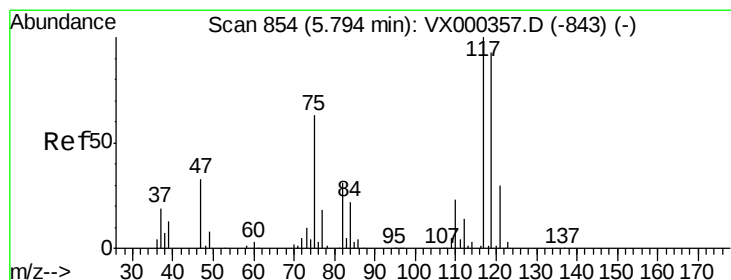
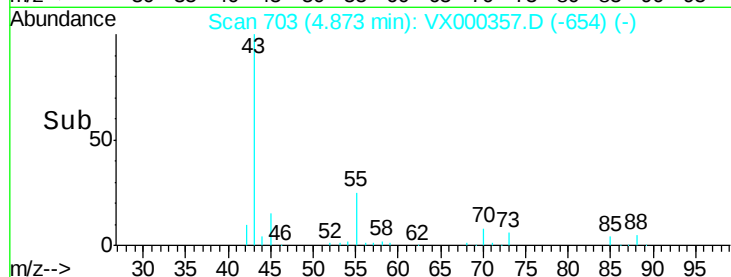
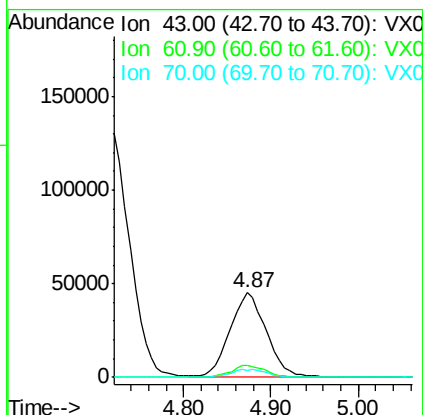
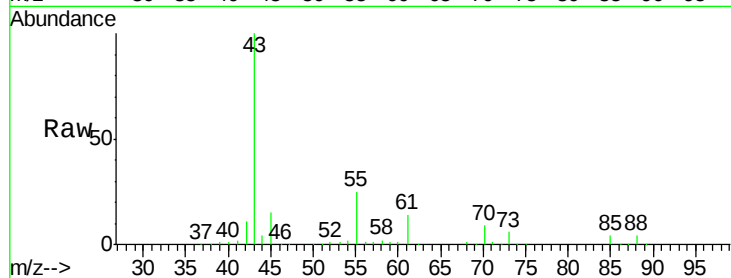




#37
Ethyl Acetate
Concen: 52.19 ug/l
RT: 4.87 min Scan# 703
Delta R.T. 0.00 min
Lab File: VX000357.D
Acq: 20 Mar 2018 11:44

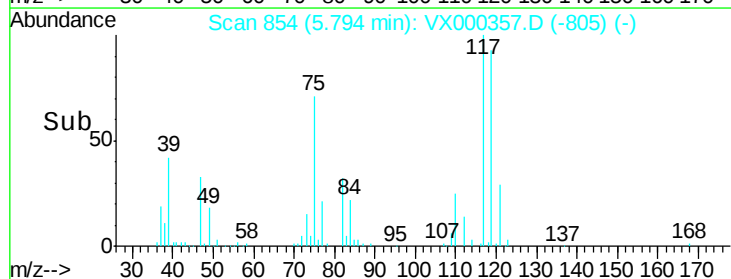
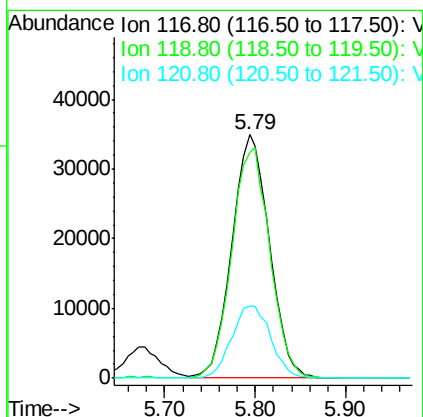
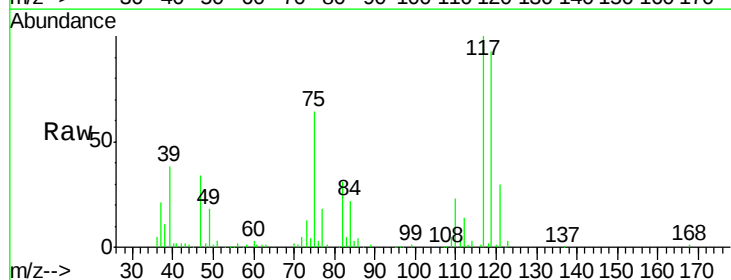
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

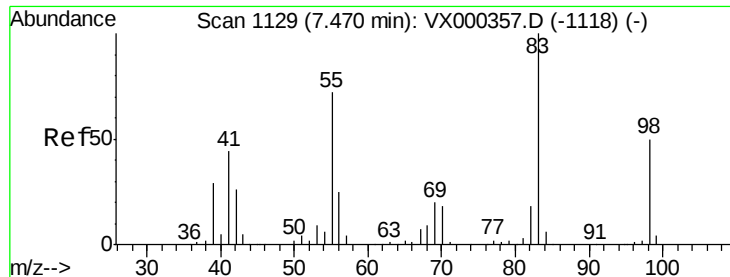
Tgt Ion: 43 Resp: 129575
Ion Ratio Lower Upper
43 100
61 13.7 11.1 16.7
70 9.4 7.7 11.5



#38
Carbon Tetrachloride
Concen: 53.22 ug/l
RT: 5.79 min Scan# 854
Delta R.T. 0.00 min
Lab File: VX000357.D
Acq: 20 Mar 2018 11:44

Tgt Ion: 117 Resp: 100244
Ion Ratio Lower Upper
117 100
119 92.4 77.4 116.2
121 29.5 24.8 37.2

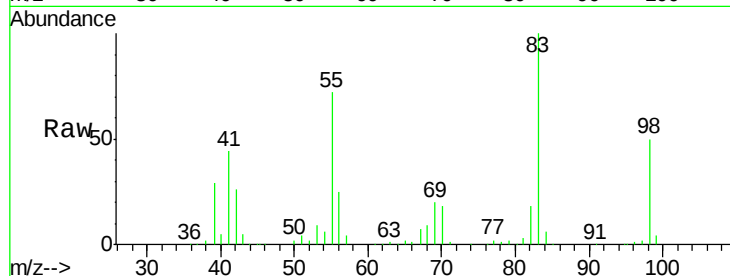




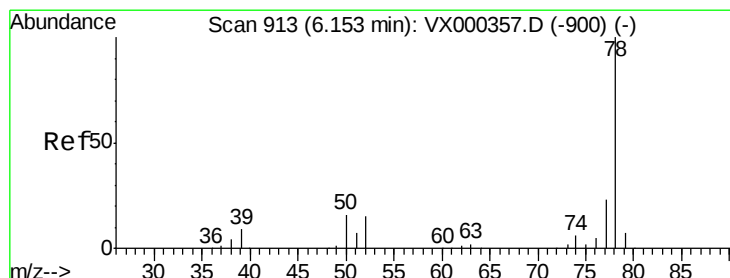
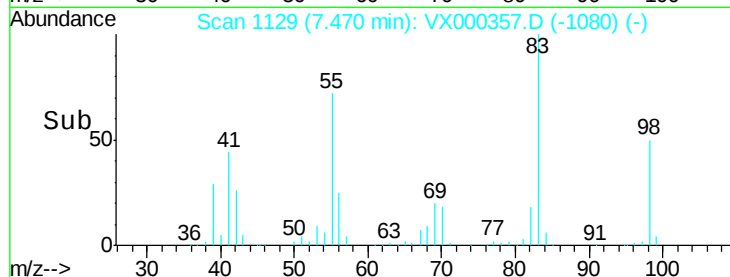
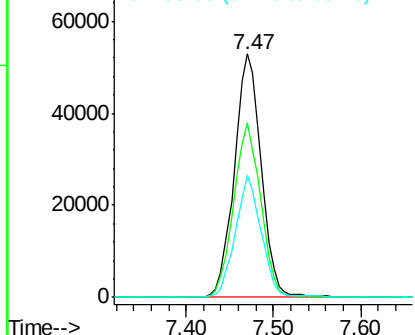
#39
Methylcyclohexane
Concen: 52.05 ug/l
RT: 7.47 min Scan# 1129
Delta R.T. 0.00 min
Lab File: VX000357.D
Acq: 20 Mar 2018 11:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 83 Resp: 113411
Ion Ratio Lower Upper
83 100
55 71.7 55.5 83.3
98 50.1 38.2 57.4

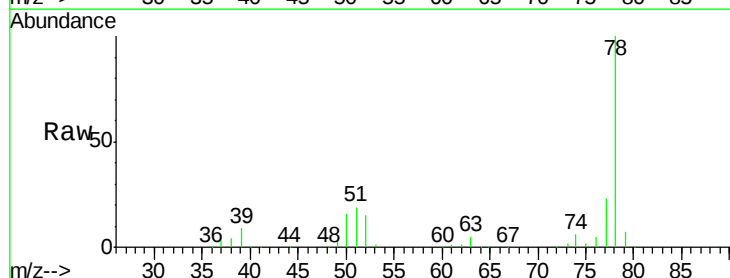


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

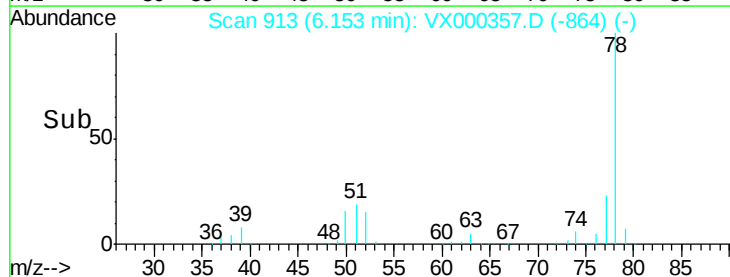
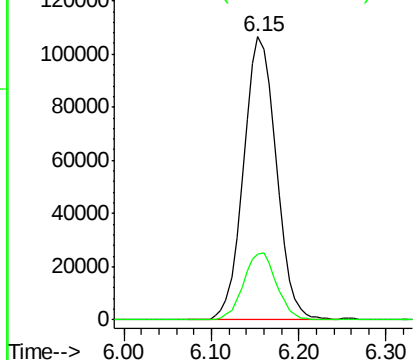


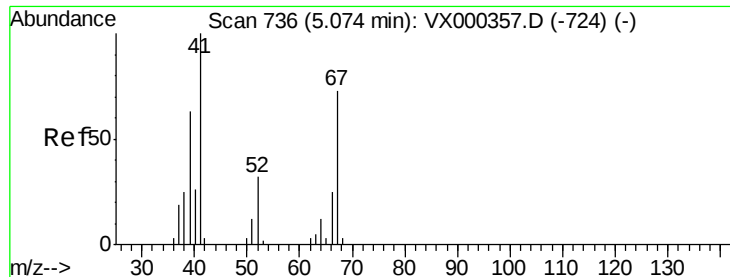
#40
Benzene
Concen: 52.31 ug/l
RT: 6.15 min Scan# 913
Delta R.T. 0.00 min
Lab File: VX000357.D
Acq: 20 Mar 2018 11:44

Tgt Ion: 78 Resp: 277260
Ion Ratio Lower Upper
78 100
77 23.4 18.7 28.1



Abundance Ion 78.00 (77.70 to 78.70): VX0
Ion 77.00 (76.70 to 77.70): VX0





#41

Methacrylonitrile

Concen: 50.03 ug/l

RT: 5.07 min Scan# 736

Delta R.T. 0.00 min

Lab File: VX000357.D

Acq: 20 Mar 2018 11:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 41 Resp: 65223

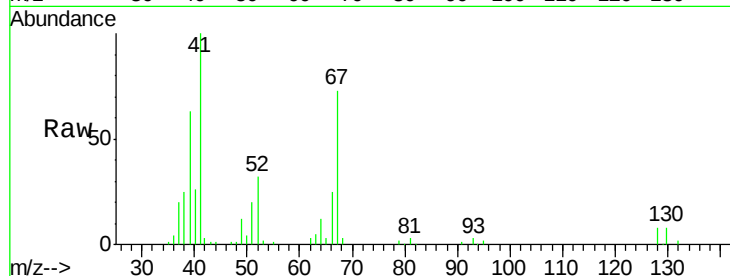
Ion Ratio Lower Upper

41 100

39 58.9 45.7 68.5

67 76.0 57.8 86.8

52 33.8 26.7 40.1

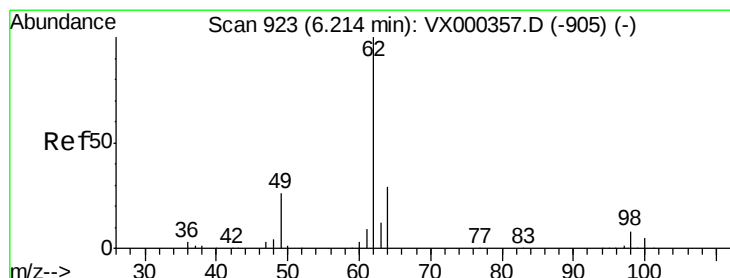
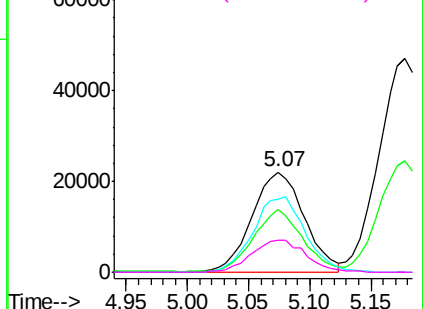
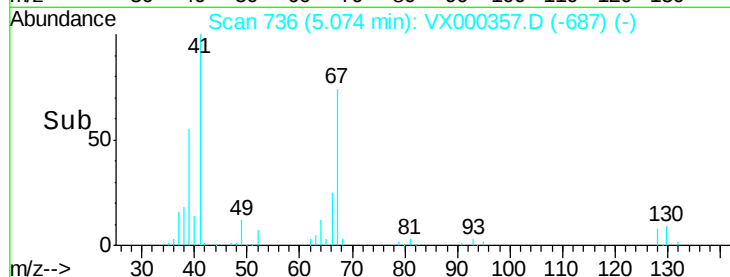


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 51.55 ug/l

RT: 6.21 min Scan# 923

Delta R.T. 0.00 min

Lab File: VX000357.D

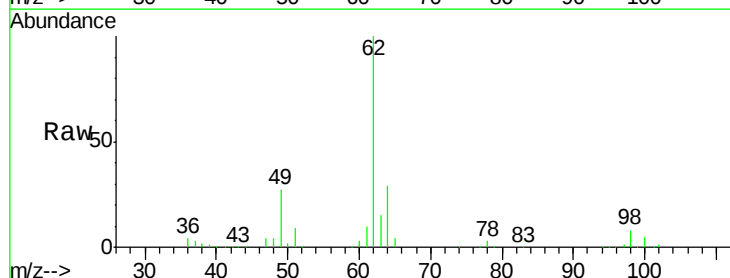
Acq: 20 Mar 2018 11:44

Tgt Ion: 62 Resp: 108302

Ion Ratio Lower Upper

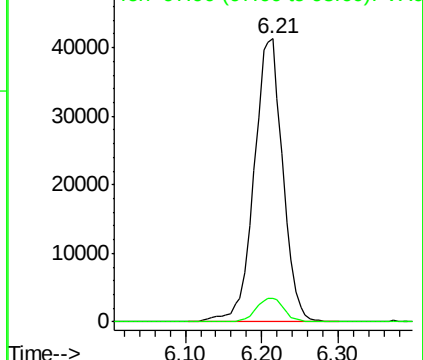
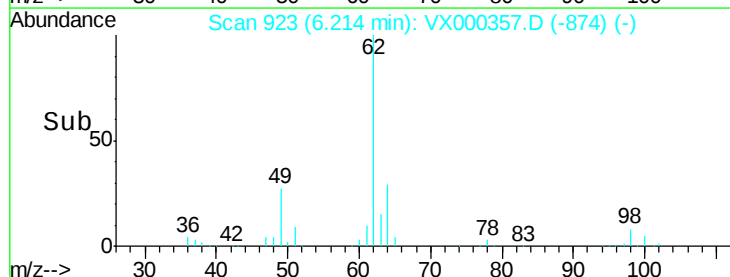
62 100

98 8.2 0.0 15.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 55.24 ug/l

RT: 6.48 min Scan# 966

Delta R.T. 0.00 min

Lab File: VX000357.D

Acq: 20 Mar 2018 11:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

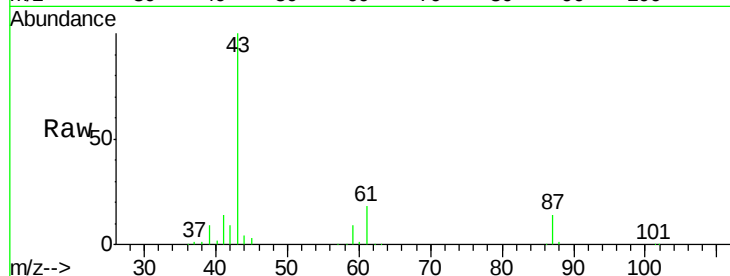
Tgt Ion: 43 Resp: 197957

Ion Ratio Lower Upper

43 100

61 18.2 14.4 21.6

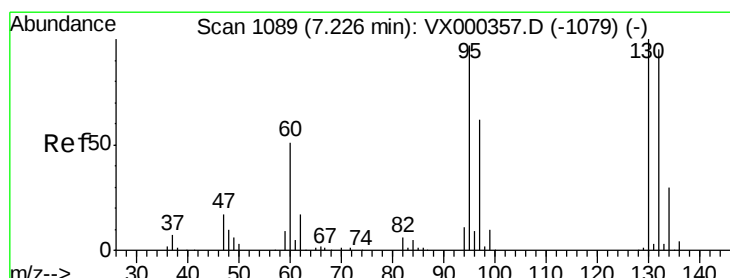
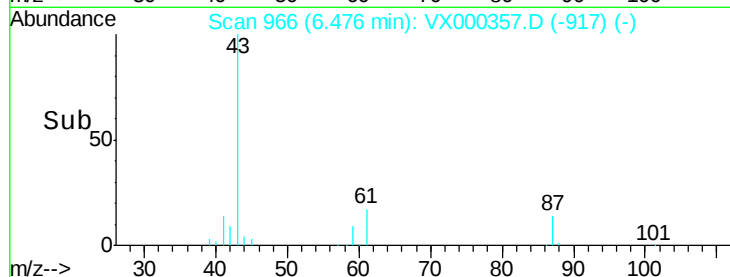
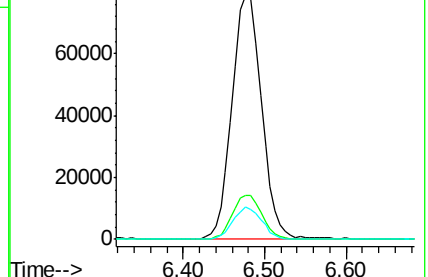
87 13.0 11.0 16.4



Abundance Ion 43.00 (42.70 to 43.70): VX000357.D (-955) (-)

Ion 61.00 (60.70 to 61.70): VX000357.D (-955) (-)

Ion 87.00 (86.70 to 87.70): VX000357.D (-955) (-)



#44

Trichloroethene

Concen: 49.22 ug/l

RT: 7.23 min Scan# 1089

Delta R.T. 0.00 min

Lab File: VX000357.D

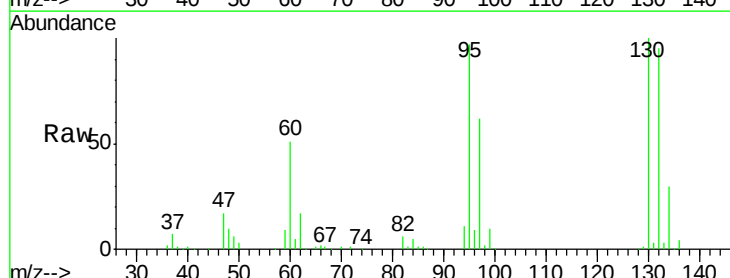
Acq: 20 Mar 2018 11:44

Tgt Ion: 130 Resp: 75596

Ion Ratio Lower Upper

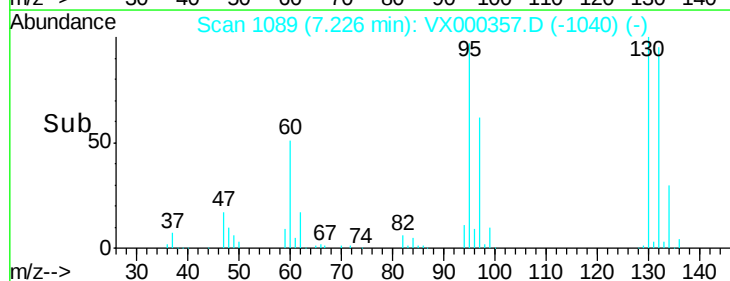
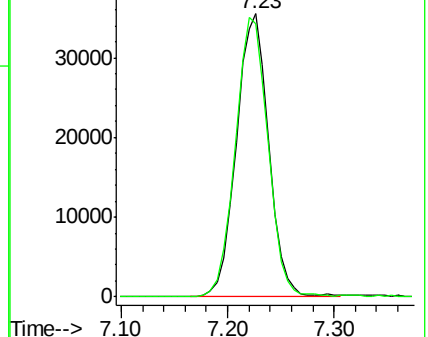
130 100

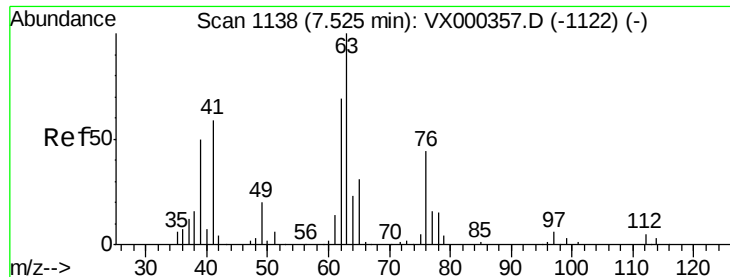
95 96.7 0.0 186.0



Abundance Ion 129.80 (129.50 to 130.50): VX000357.D (-1040) (-)

Ion 94.90 (94.60 to 95.60): VX000357.D (-1040) (-)





#45

1,2-Dichloropropane

Concen: 54.94 ug/l

RT: 7.53 min Scan# 1138

Delta R.T. 0.00 min

Lab File: VX000357.D

Acq: 20 Mar 2018 11:44

Instrument :

MSVOA_X

ClientSampleId :

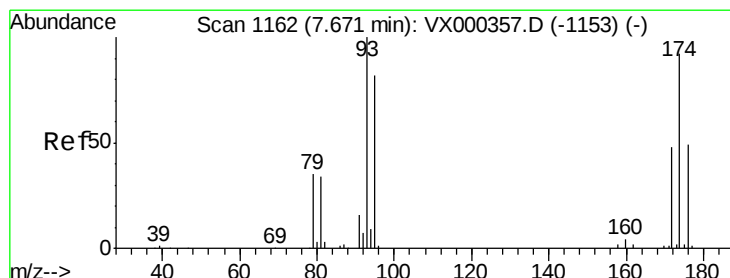
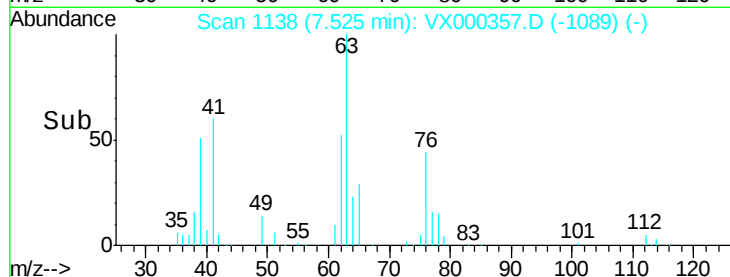
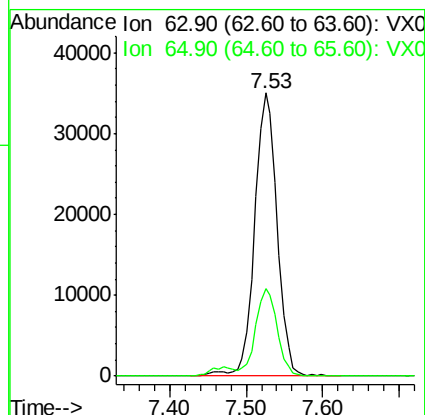
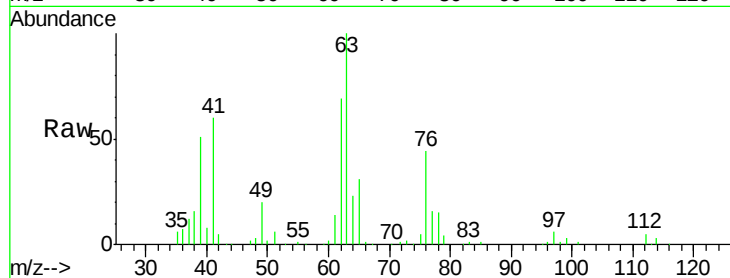
VSTDICCC050

Tgt Ion: 63 Resp: 71819

Ion Ratio Lower Upper

63 100

65 30.8 24.6 36.8



#46

Dibromomethane

Concen: 51.92 ug/l

RT: 7.67 min Scan# 1162

Delta R.T. 0.00 min

Lab File: VX000357.D

Acq: 20 Mar 2018 11:44

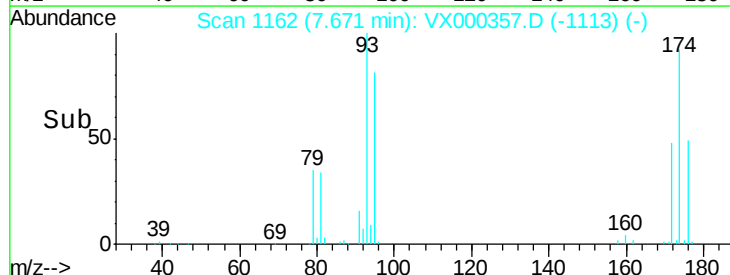
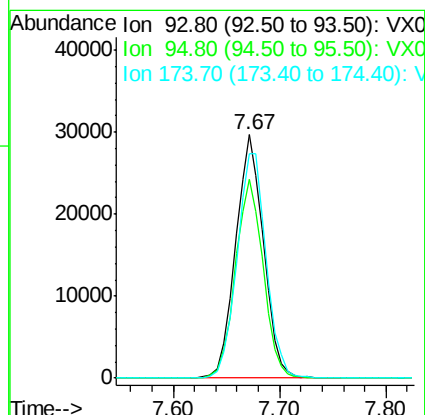
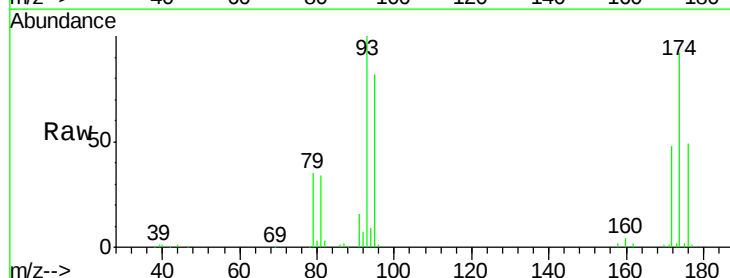
Tgt Ion: 93 Resp: 54520

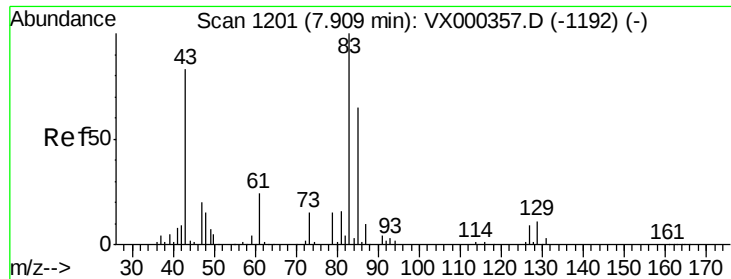
Ion Ratio Lower Upper

93 100

95 81.2 66.5 99.7

174 96.4 76.0 114.0





#47

Bromodichloromethane

Concen: 55.05 ug/l

RT: 7.91 min Scan# 1201

Delta R.T. 0.00 min

Lab File: VX000357.D

Acq: 20 Mar 2018 11:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

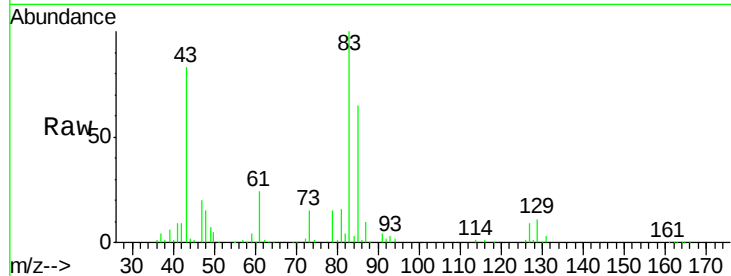
Tgt Ion: 83 Resp: 102618

Ion Ratio Lower Upper

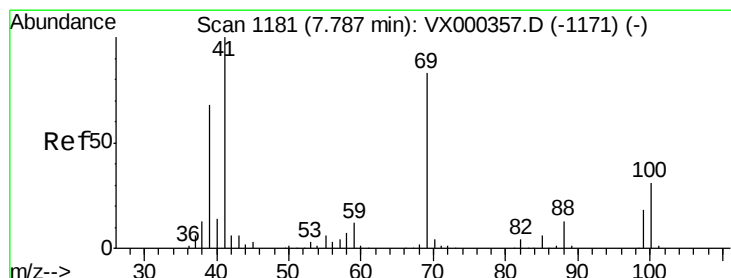
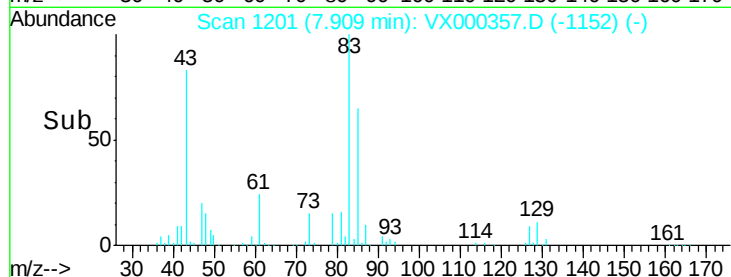
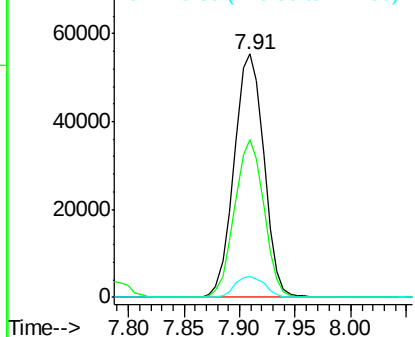
83 100

85 64.9 51.4 77.0

127 8.8 7.0 10.6



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 53.14 ug/l

RT: 7.79 min Scan# 1181

Delta R.T. 0.00 min

Lab File: VX000357.D

Acq: 20 Mar 2018 11:44

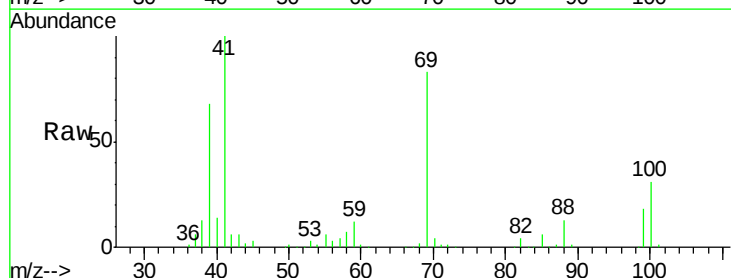
Tgt Ion: 41 Resp: 96284

Ion Ratio Lower Upper

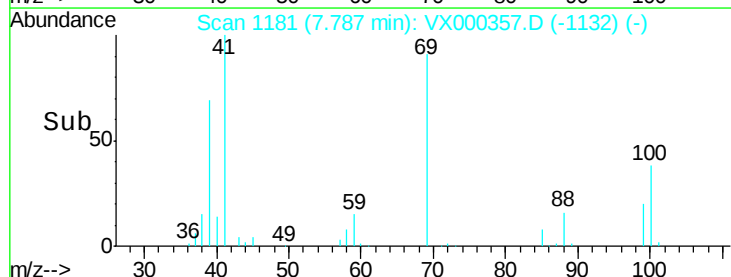
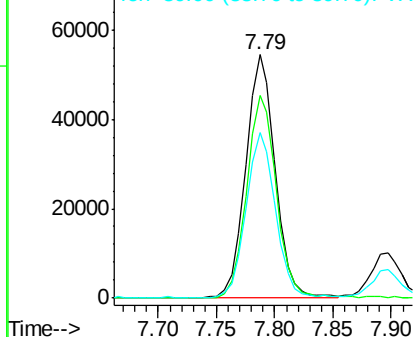
41 100

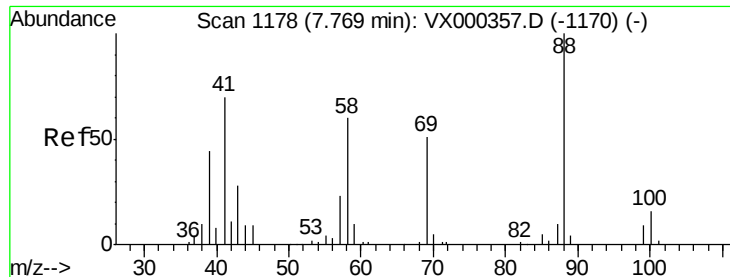
69 84.2 68.2 102.4

39 67.7 54.6 81.8



Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 39.00 (38.70 to 39.70): VX0

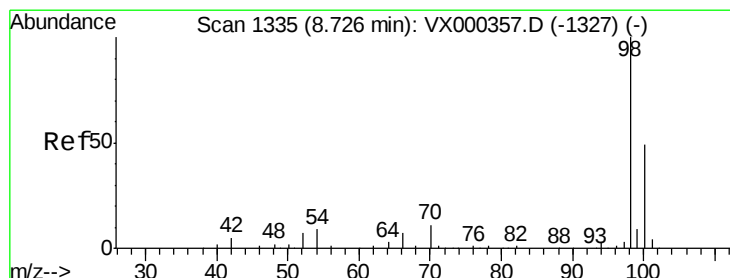
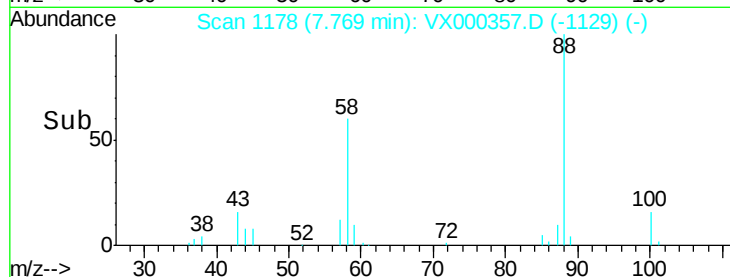
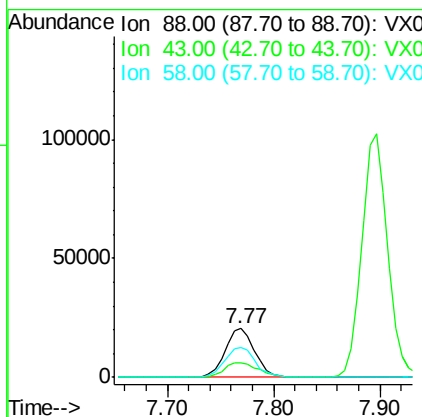
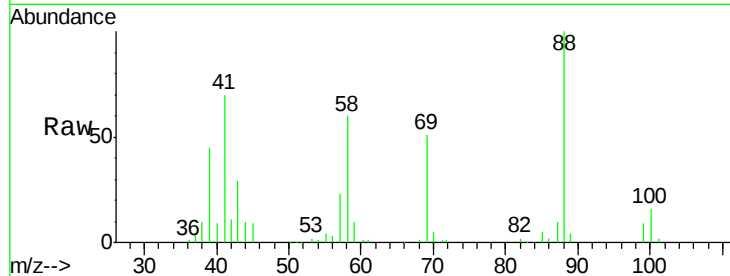




#49
 1,4-Dioxane
 Concen: 972.27 ug/l
 RT: 7.77 min Scan# 1178
 Delta R.T. 0.00 min
 Lab File: VX000357.D
 Acq: 20 Mar 2018 11:44

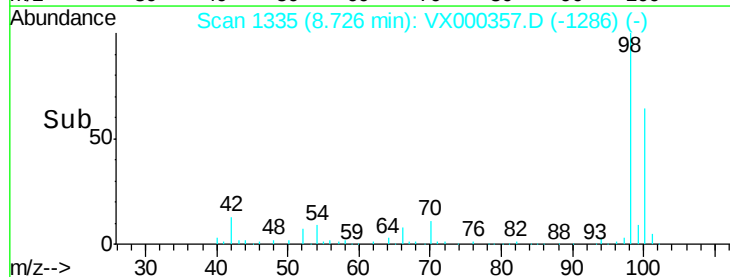
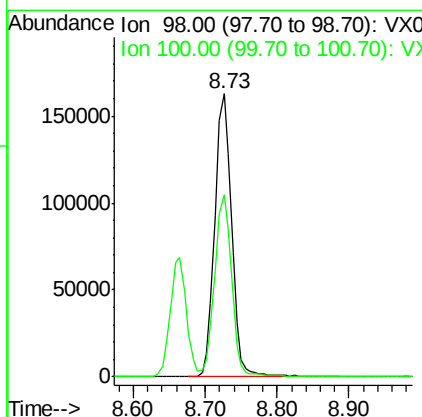
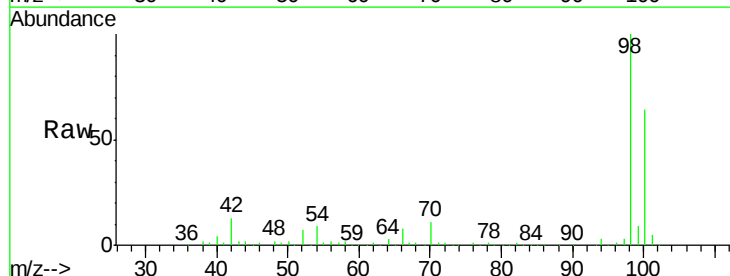
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

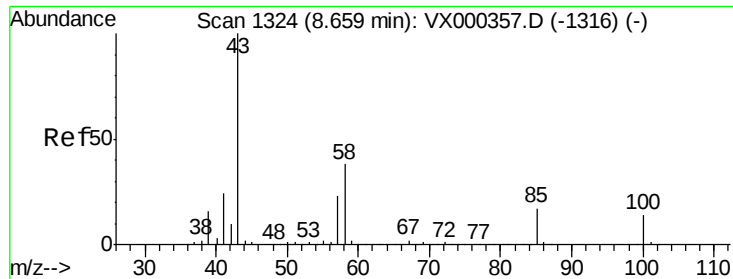
Tgt Ion: 88 Resp: 39636
 Ion Ratio Lower Upper
 88 100
 43 35.0 26.8 40.2
 58 64.5 52.2 78.2



#50
 Toluene-d8
 Concen: 48.83 ug/l
 RT: 8.73 min Scan# 1335
 Delta R.T. 0.00 min
 Lab File: VX000357.D
 Acq: 20 Mar 2018 11:44

Tgt Ion: 98 Resp: 264257
 Ion Ratio Lower Upper
 98 100
 100 65.4 51.2 76.8

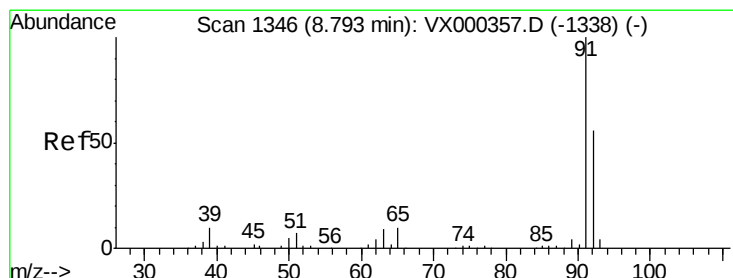
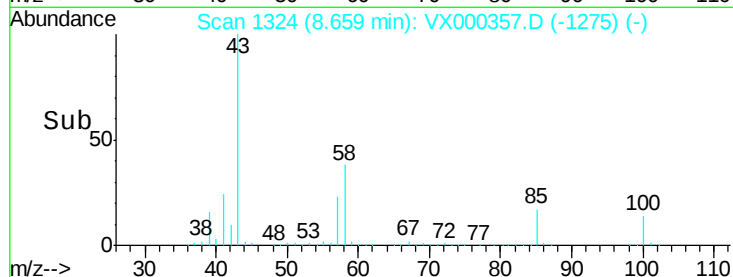
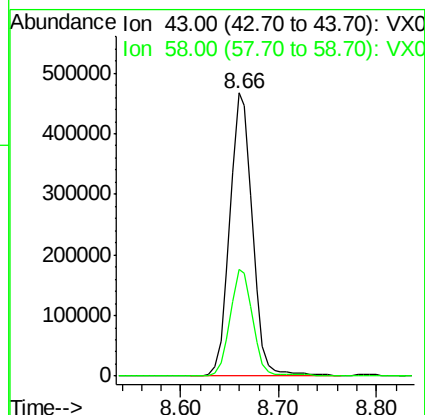
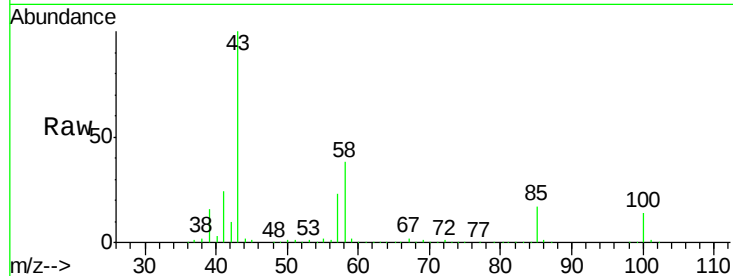




#51
4-Methyl-2-Pentanone
Concen: 270.61 ug/l
RT: 8.66 min Scan# 1324
Delta R.T. 0.00 min
Lab File: VX000357.D
Acq: 20 Mar 2018 11:44

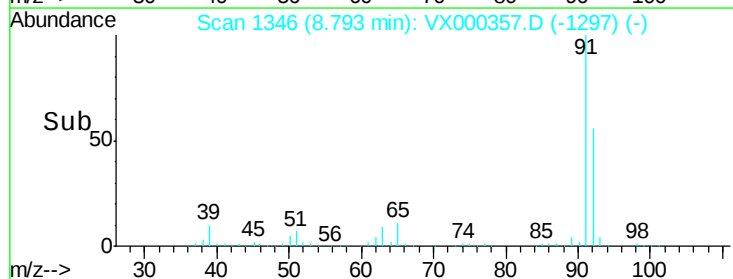
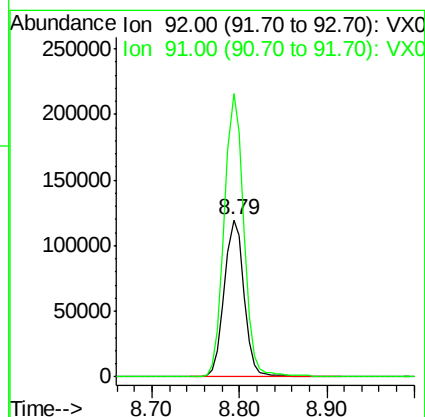
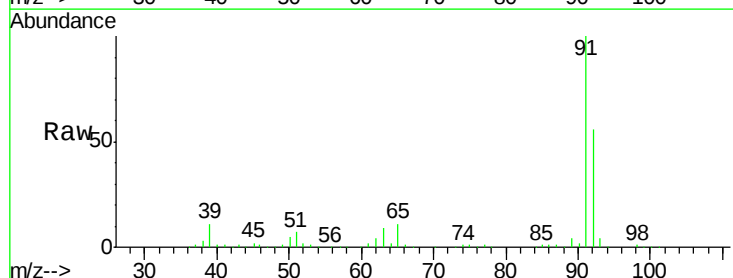
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 43 Resp: 753093
Ion Ratio Lower Upper
43 100
58 37.2 30.3 45.5



#52
Toluene
Concen: 50.55 ug/l
RT: 8.79 min Scan# 1346
Delta R.T. 0.00 min
Lab File: VX000357.D
Acq: 20 Mar 2018 11:44

Tgt Ion: 92 Resp: 188210
Ion Ratio Lower Upper
92 100
91 178.1 140.2 210.2

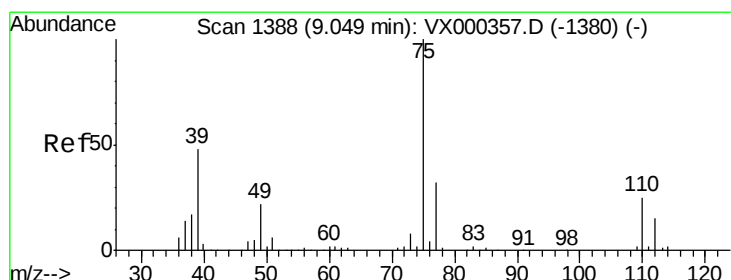
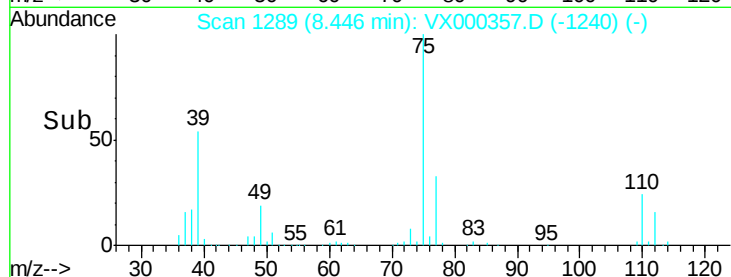
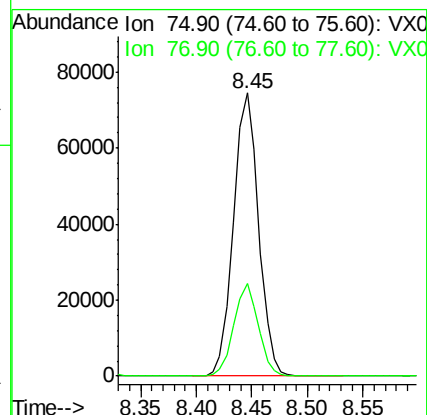
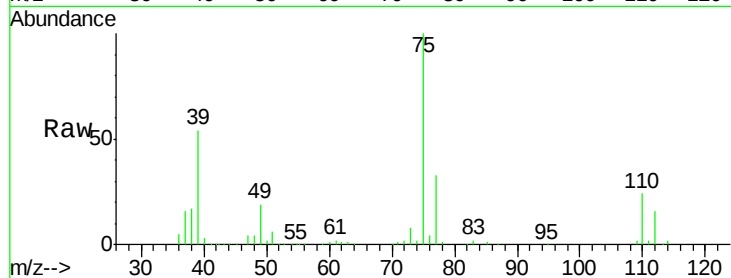




#53
t-1,3-Dichloropropene
Concen: 54.15 ug/l
RT: 8.45 min Scan# 1289
Delta R.T. 0.00 min
Lab File: VX000357.D
Acq: 20 Mar 2018 11:44

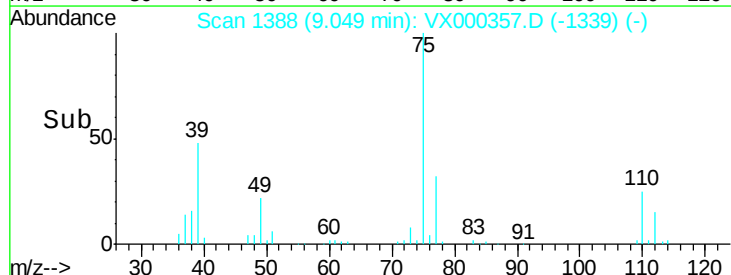
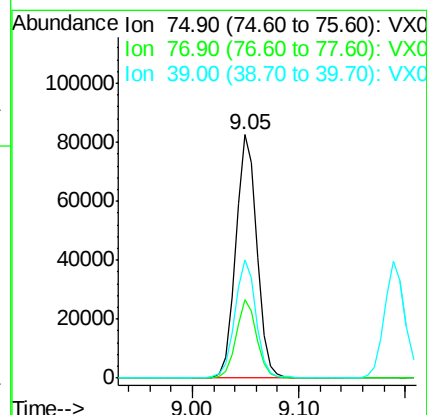
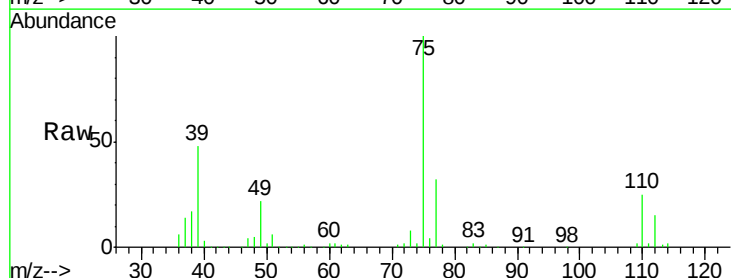
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 75 Resp: 116494
Ion Ratio Lower Upper
75 100
77 32.7 24.0 36.0



#54
cis-1,3-Dichloropropene
Concen: 54.47 ug/l
RT: 9.05 min Scan# 1388
Delta R.T. 0.00 min
Lab File: VX000357.D
Acq: 20 Mar 2018 11:44

Tgt Ion: 75 Resp: 114595
Ion Ratio Lower Upper
75 100
77 32.0 26.1 39.1
39 48.2 39.8 59.6

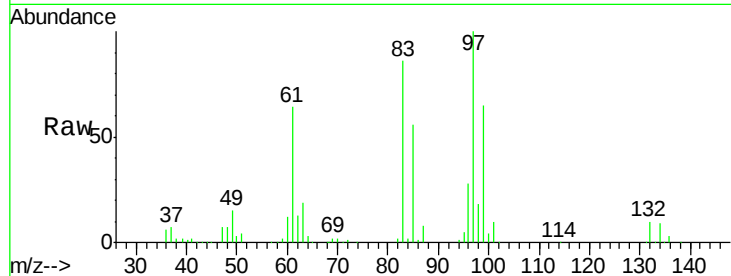




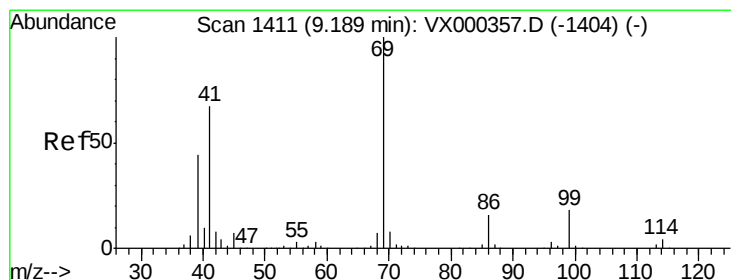
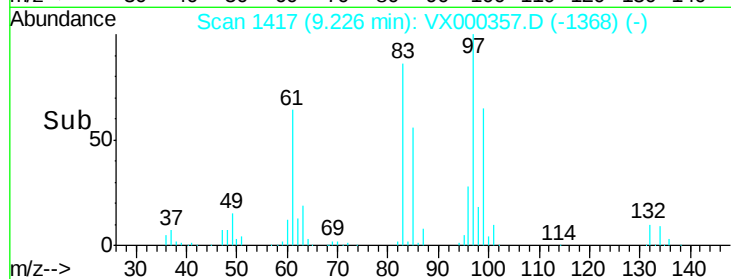
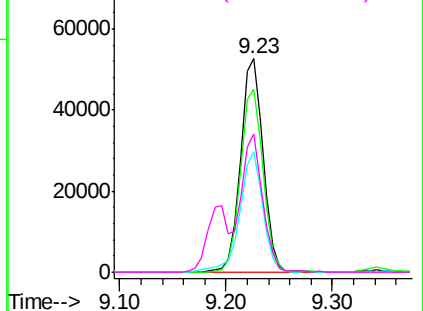
#55
 1,1,2-Trichloroethane
 Concen: 52.59 ug/l
 RT: 9.23 min Scan# 1417
 Delta R.T. 0.00 min
 Lab File: VX000357.D
 Acq: 20 Mar 2018 11:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tgt Ion: 97 Resp: 78560
 Ion Ratio Lower Upper
 97 100
 83 85.5 67.9 101.9
 85 56.2 42.8 64.2
 99 65.0 49.4 74.2

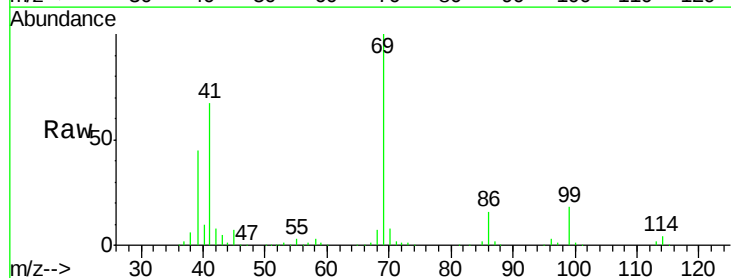


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

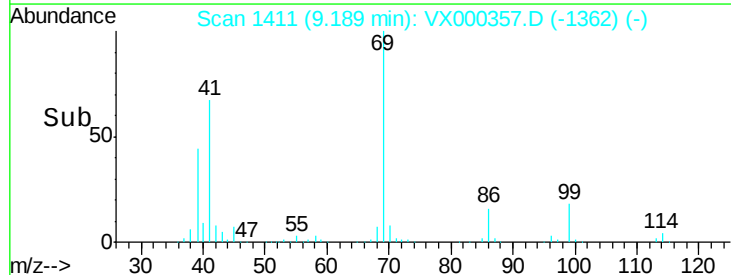
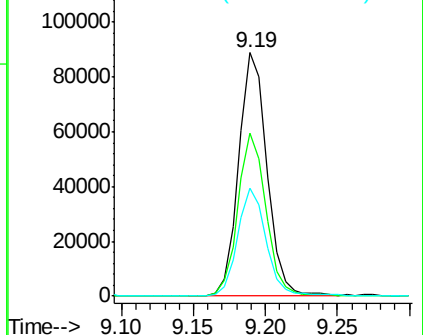


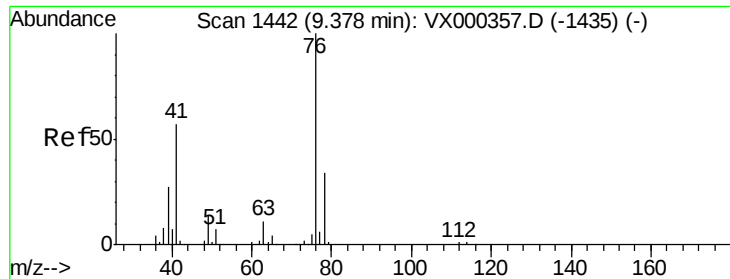
#56
 Ethyl methacrylate
 Concen: 54.92 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. 0.00 min
 Lab File: VX000357.D
 Acq: 20 Mar 2018 11:44

Tgt Ion: 69 Resp: 121492
 Ion Ratio Lower Upper
 69 100
 41 66.7 53.0 79.6
 39 44.7 35.3 52.9



Abundance Ion 69.00 (68.70 to 69.70): VX0
 Ion 41.00 (40.70 to 41.70): VX0
 Ion 39.00 (38.70 to 39.70): VX0

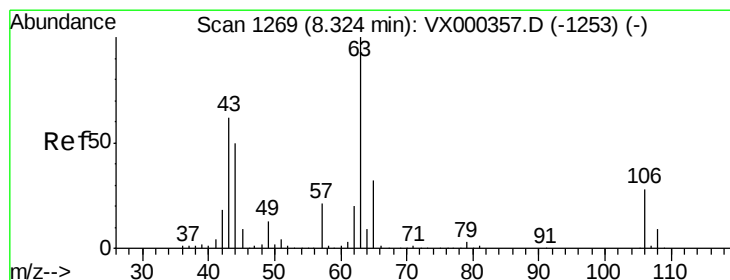
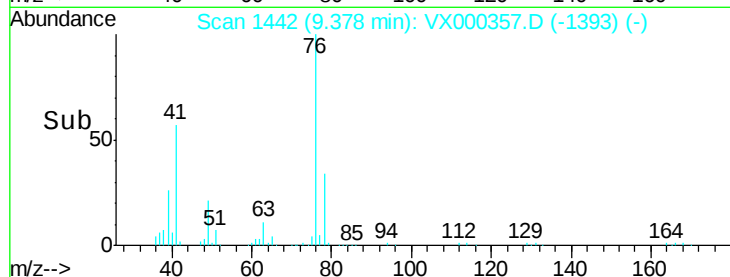
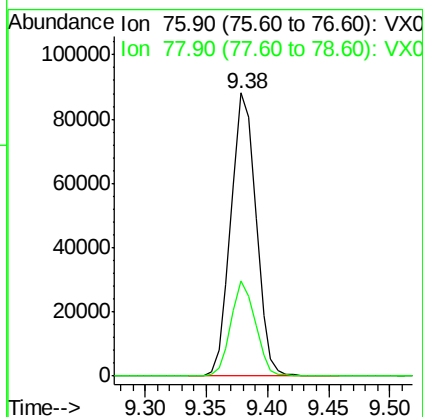
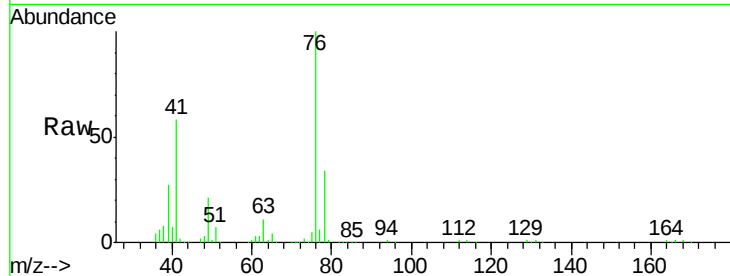




#57
 1,3-Dichloropropane
 Concen: 51.86 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. 0.00 min
 Lab File: VX000357.D
 Acq: 20 Mar 2018 11:44

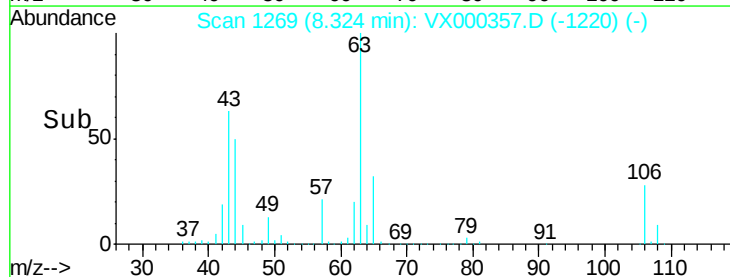
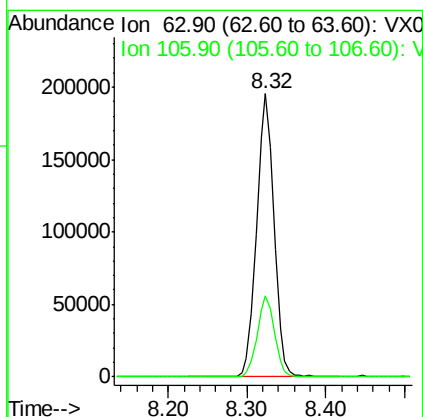
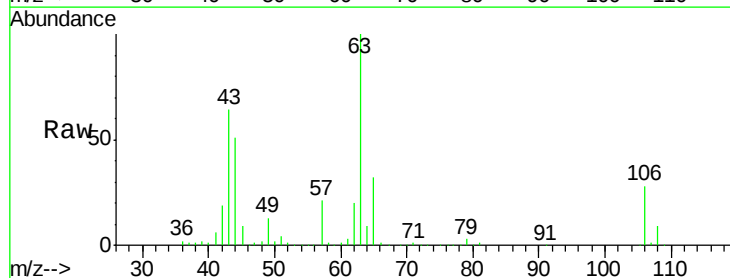
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tgt Ion: 76 Resp: 125505
 Ion Ratio Lower Upper
 76 100
 78 32.6 26.4 39.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 295.71 ug/l
 RT: 8.32 min Scan# 1269
 Delta R.T. 0.00 min
 Lab File: VX000357.D
 Acq: 20 Mar 2018 11:44

Tgt Ion: 63 Resp: 300801
 Ion Ratio Lower Upper
 63 100
 106 28.2 23.2 34.8

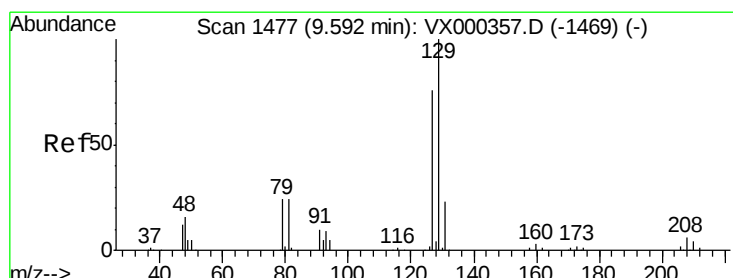
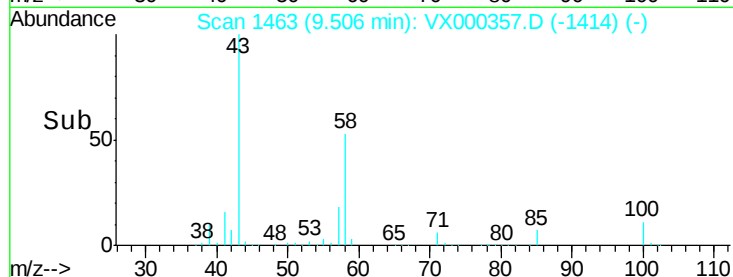
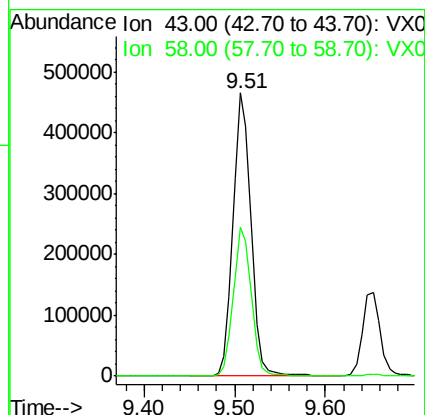
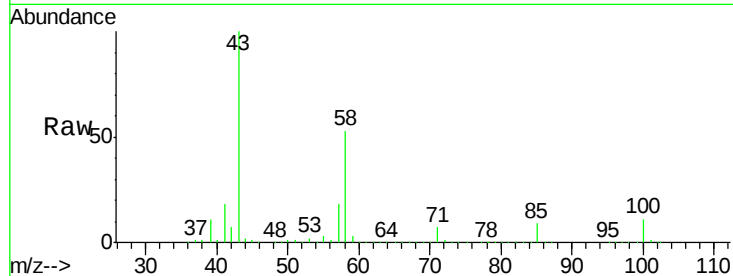




#59
2-Hexanone
Concen: 272.53 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. 0.00 min
Lab File: VX000357.D
Acq: 20 Mar 2018 11:44

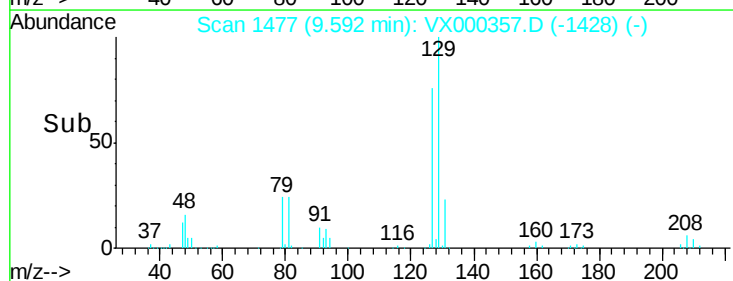
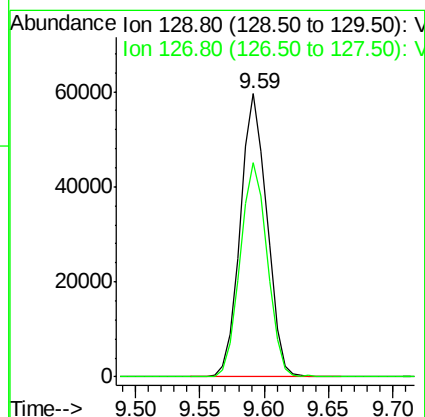
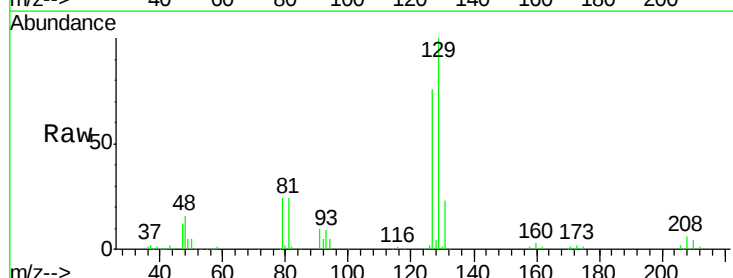
Instrument :
MSVOA_X
ClientSampled :
VSTDICCC050

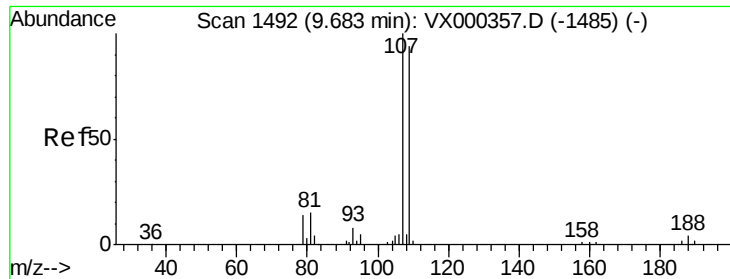
Tgt Ion: 43 Resp: 638997
Ion Ratio Lower Upper
43 100
58 52.6 26.6 79.7



#60
Dibromochloromethane
Concen: 54.11 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. 0.00 min
Lab File: VX000357.D
Acq: 20 Mar 2018 11:44

Tgt Ion: 129 Resp: 85469
Ion Ratio Lower Upper
129 100
127 76.9 37.9 113.6





#61

1,2-Dibromoethane

Concen: 51.89 ug/l

RT: 9.68 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX000357.D

Acq: 20 Mar 2018 11:44

Instrument :

MSVOA_X

ClientSampleId :

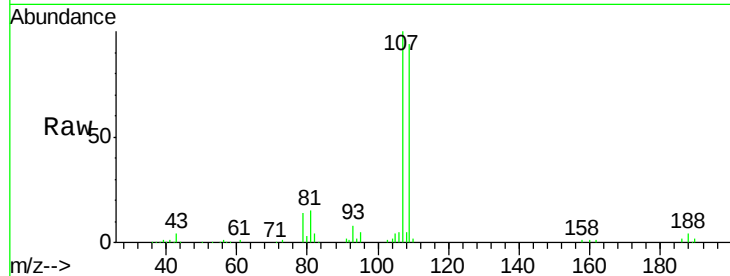
VSTDICCC050

Tgt Ion: 107 Resp: 85919

Ion Ratio Lower Upper

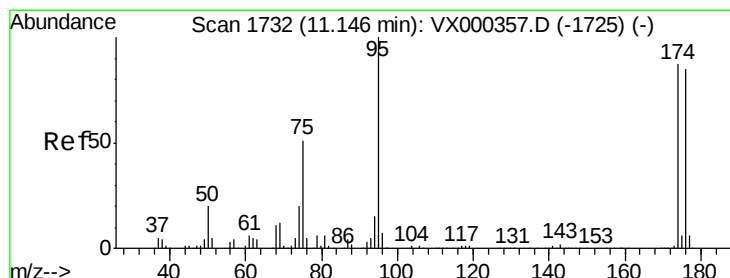
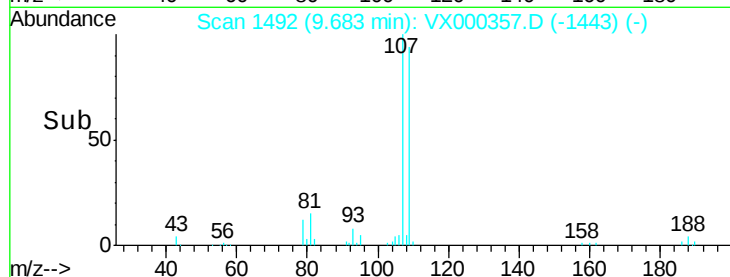
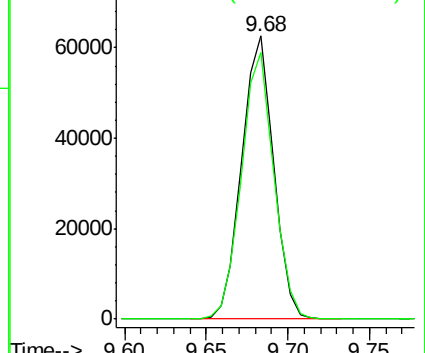
107 100

109 95.3 76.1 114.1



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 47.92 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VX000357.D

Acq: 20 Mar 2018 11:44

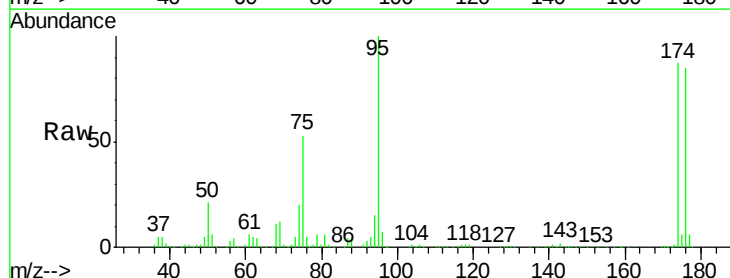
Tgt Ion: 95 Resp: 103994

Ion Ratio Lower Upper

95 100

174 87.5 0.0 173.6

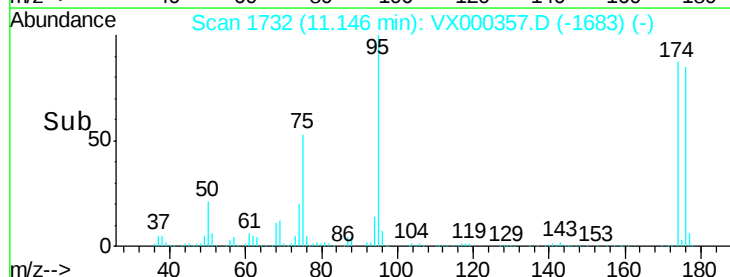
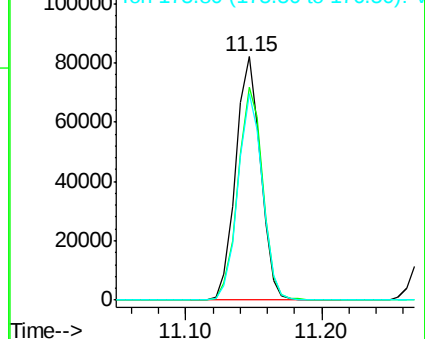
176 84.1 0.0 164.6

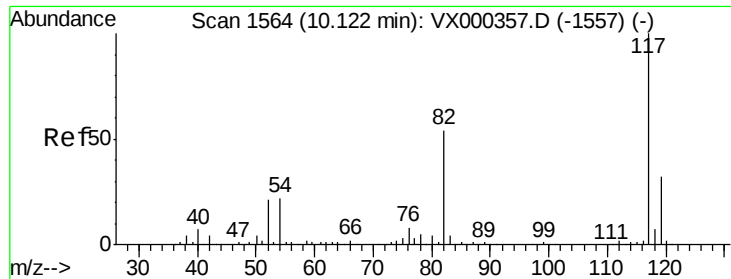


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

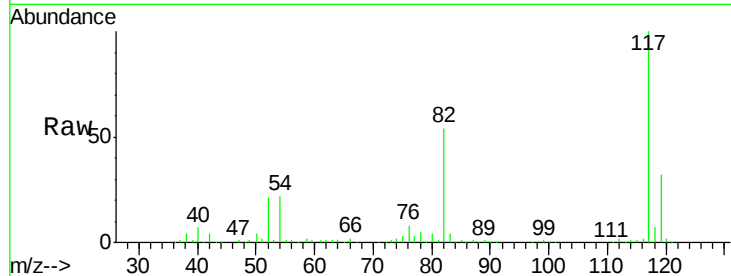




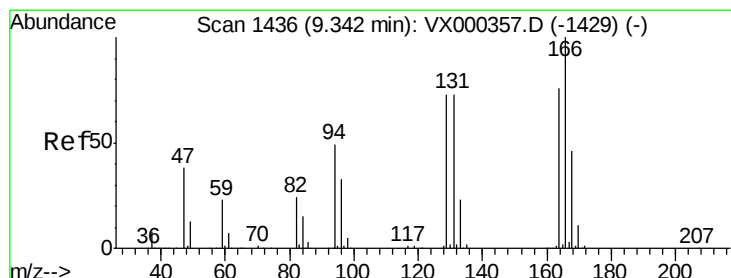
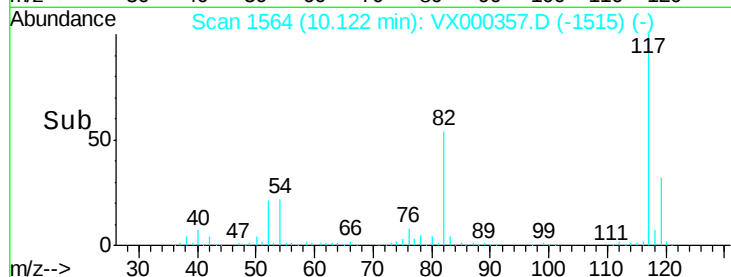
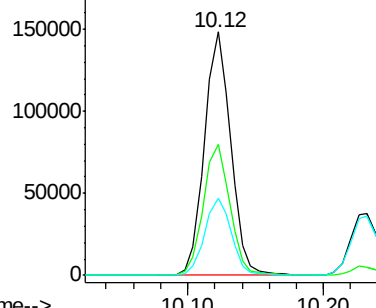
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.00 min
Lab File: VX000357.D
Acq: 20 Mar 2018 11:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion:117 Resp: 200916
Ion Ratio Lower Upper
117 100
82 53.9 43.8 65.8
119 31.9 24.9 37.3



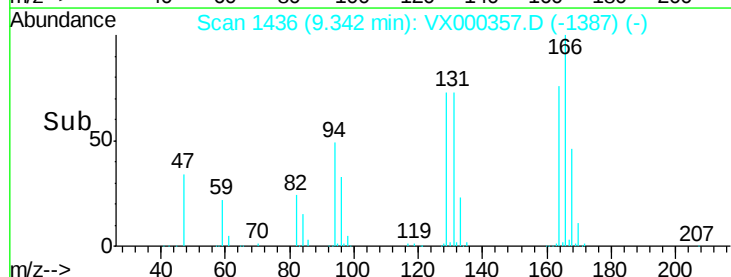
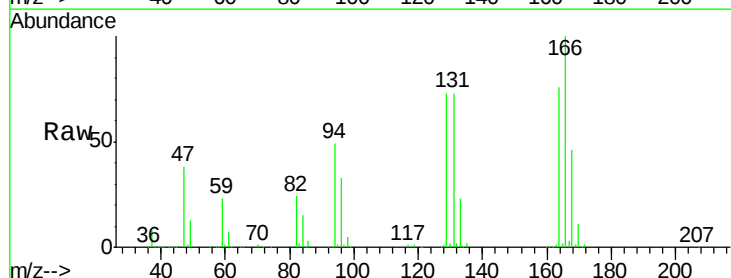
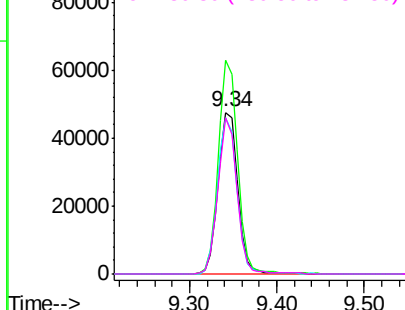
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX
Ion 118.90 (118.60 to 119.60): V

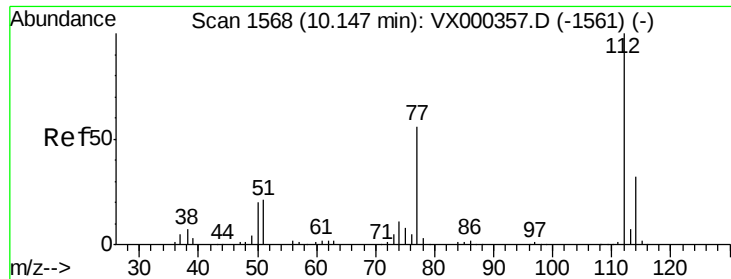


#64
Tetrachloroethene
Concen: 51.53 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. 0.00 min
Lab File: VX000357.D
Acq: 20 Mar 2018 11:44

Tgt Ion:164 Resp: 73937
Ion Ratio Lower Upper
164 100
166 131.9 101.0 151.6
129 96.3 79.0 118.4
131 96.8 71.9 107.9

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

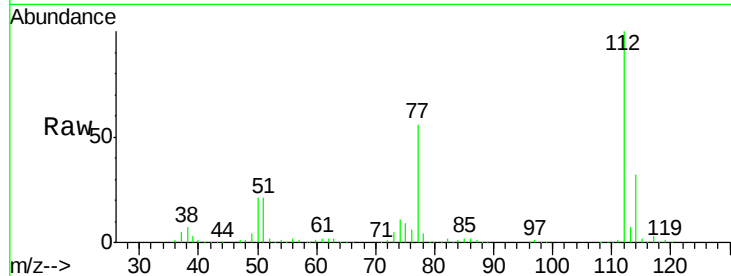




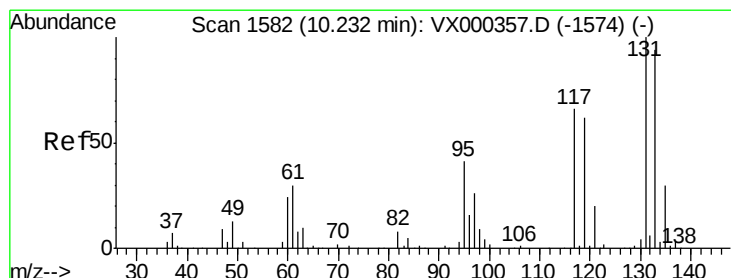
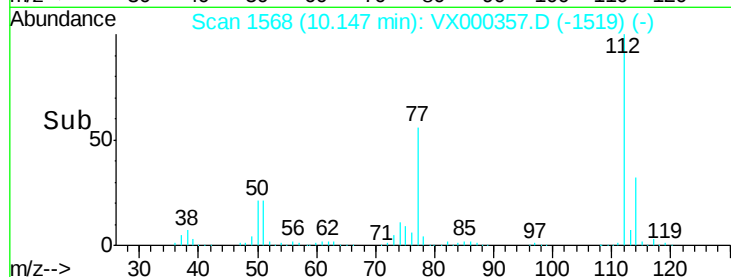
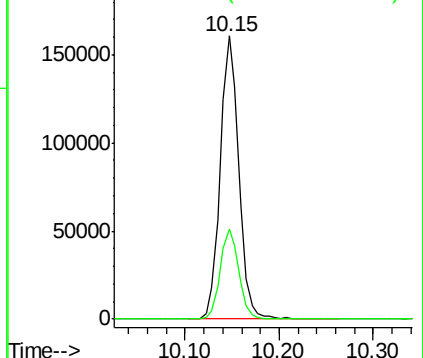
#65
Chlorobenzene
Concen: 53.55 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX000357.D
Acq: 20 Mar 2018 11:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion:112 Resp: 219110
Ion Ratio Lower Upper
112 100
114 31.8 25.7 38.5

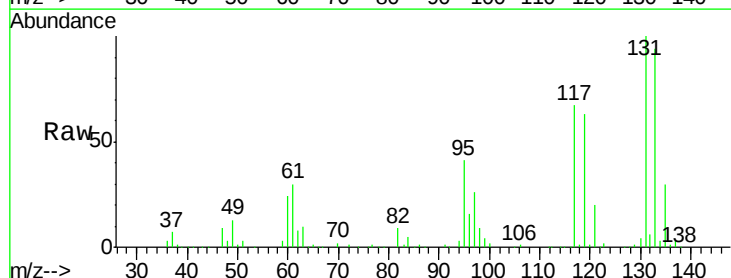


Abundance Ion 111.90 (111.60 to 112.60): V
Ion 113.90 (113.60 to 114.60): V

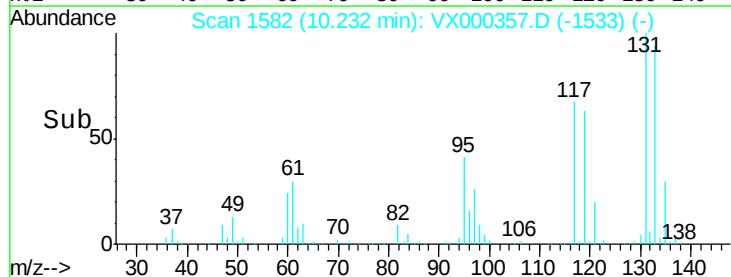
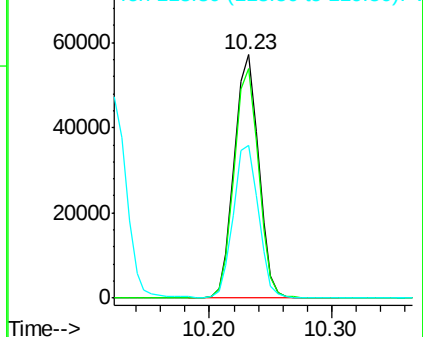


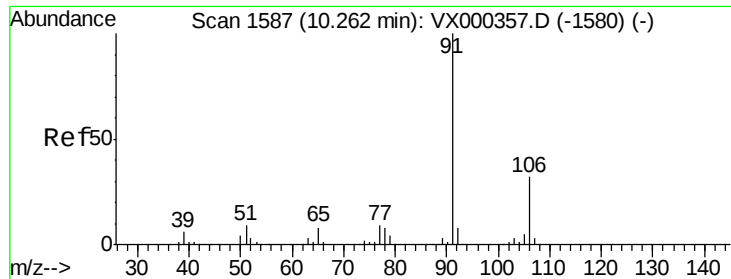
#66
1,1,1,2-Tetrachloroethane
Concen: 57.23 ug/l
RT: 10.23 min Scan# 1582
Delta R.T. 0.00 min
Lab File: VX000357.D
Acq: 20 Mar 2018 11:44

Tgt Ion:131 Resp: 78750
Ion Ratio Lower Upper
131 100
133 94.3 47.1 141.3
119 64.6 33.1 99.2



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

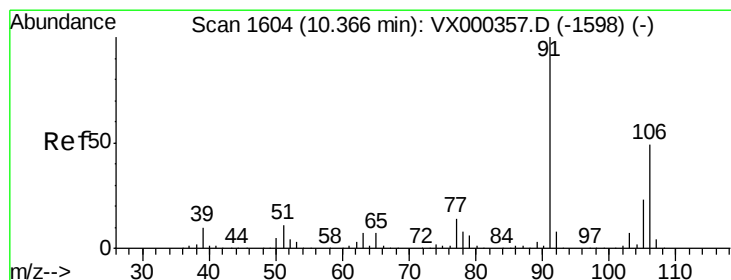
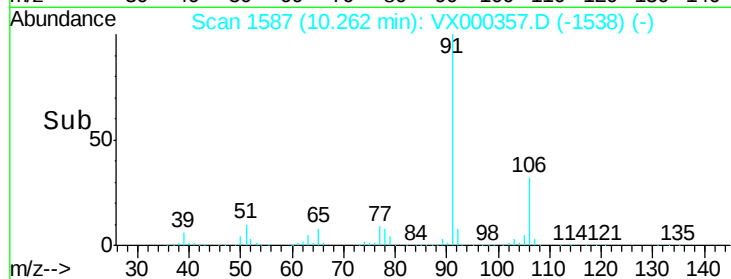
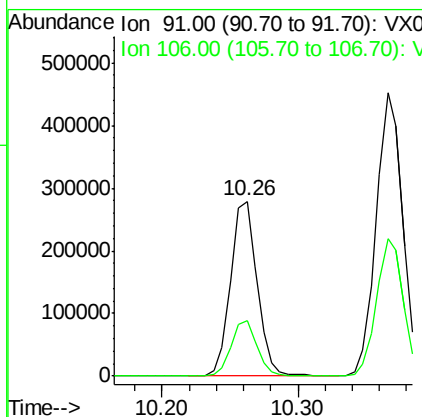
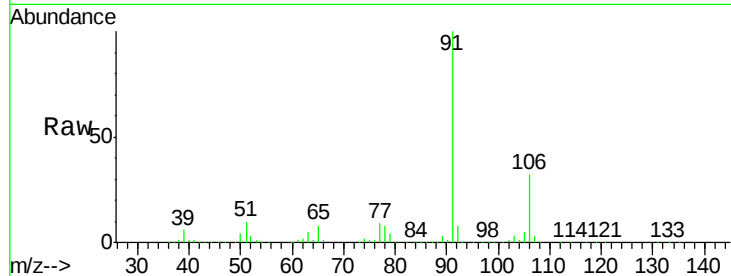




#67
Ethyl Benzene
Concen: 54.63 ug/l
RT: 10.26 min Scan# 1587
Delta R.T. 0.00 min
Lab File: VX000357.D
Acq: 20 Mar 2018 11:44

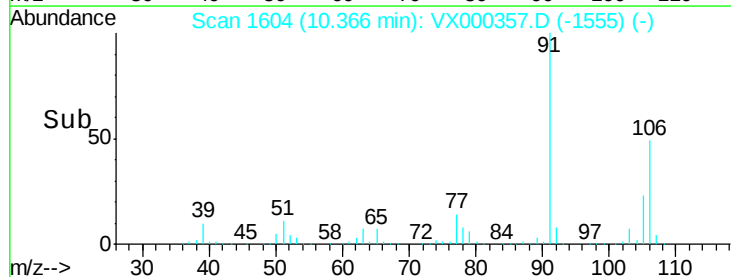
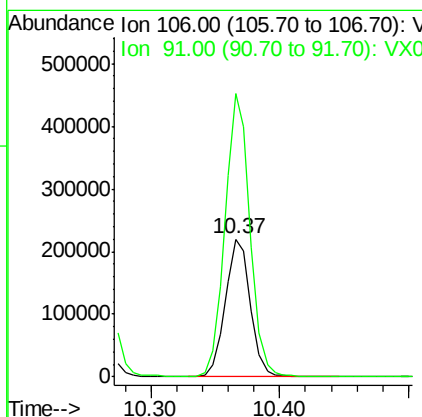
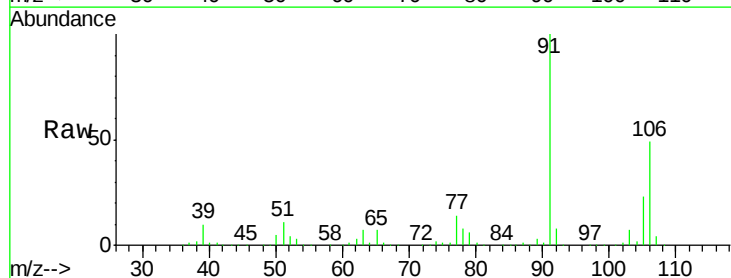
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 91 Resp: 381079
Ion Ratio Lower Upper
91 100
106 31.8 25.0 37.6



#68
m/p-Xylenes
Concen: 110.38 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VX000357.D
Acq: 20 Mar 2018 11:44

Tgt Ion: 106 Resp: 299973
Ion Ratio Lower Upper
106 100
91 205.4 163.4 245.2

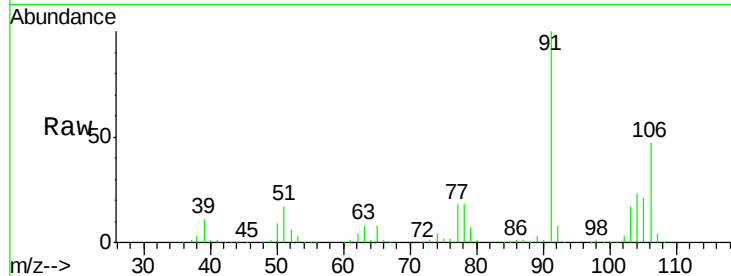




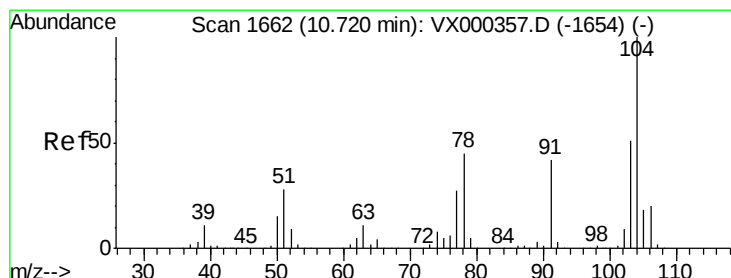
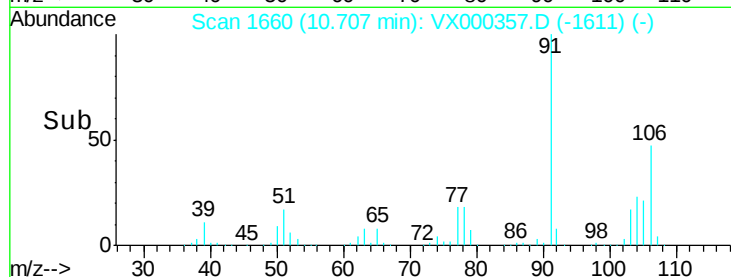
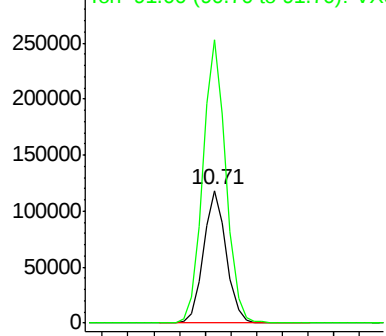
#69
o-Xylene
Concen: 55.29 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. 0.00 min
Lab File: VX000357.D
Acq: 20 Mar 2018 11:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion:106 Resp: 145968
Ion Ratio Lower Upper
106 100
91 216.5 106.5 319.6

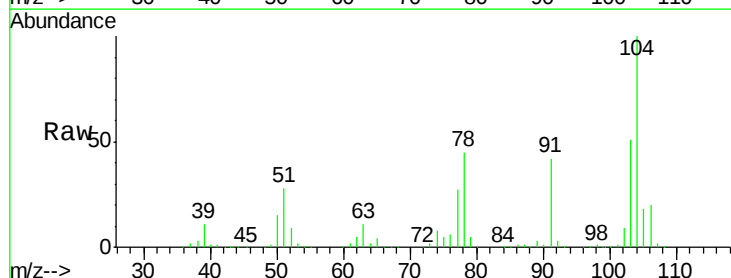


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

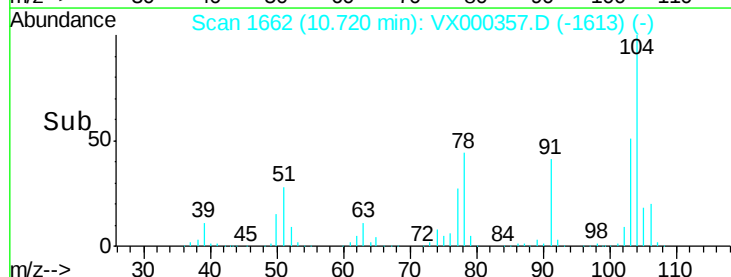
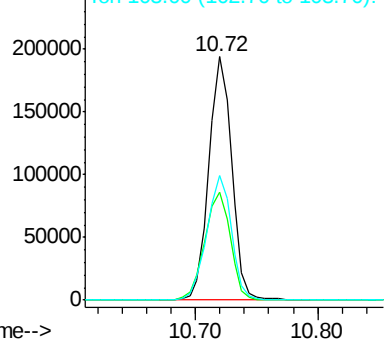


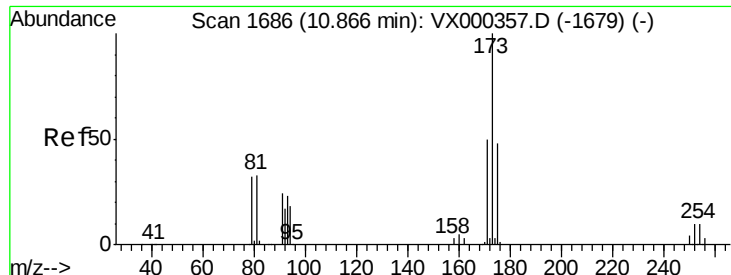
#70
Styrene
Concen: 57.19 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. 0.00 min
Lab File: VX000357.D
Acq: 20 Mar 2018 11:44

Tgt Ion:104 Resp: 250560
Ion Ratio Lower Upper
104 100
78 49.9 40.5 60.7
103 55.5 45.7 68.5



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 57.49 ug/l

RT: 10.87 min Scan# 1686

Delta R.T. 0.00 min

Lab File: VX000357.D

Acq: 20 Mar 2018 11:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

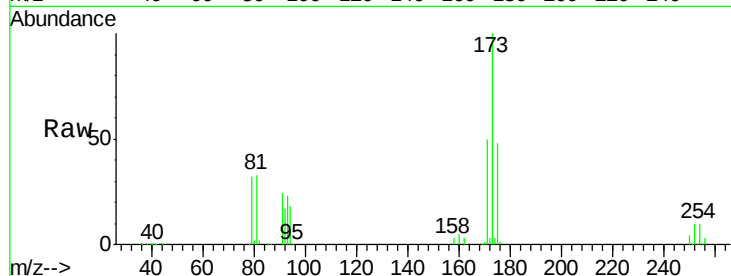
Tgt Ion:173 Resp: 69204

Ion Ratio Lower Upper

173 100

175 48.4 25.4 76.4

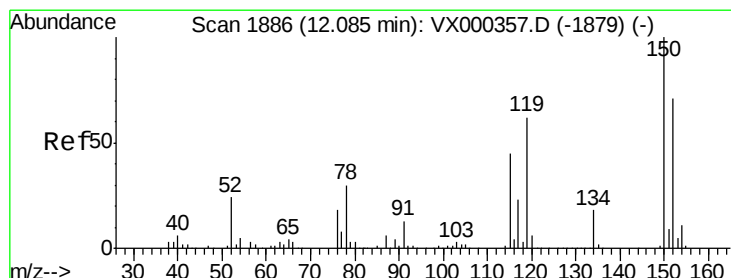
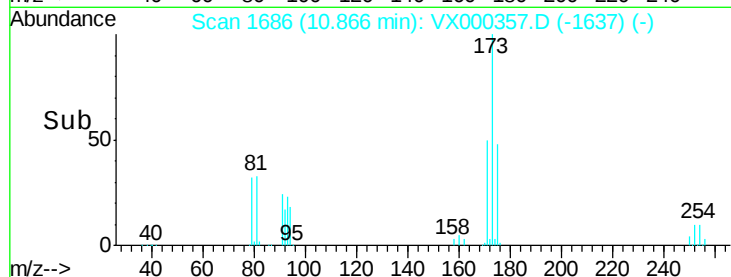
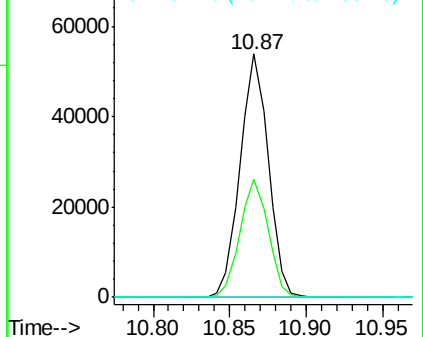
254 0.0 0.0 0.0



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: 12.09 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX000357.D

Acq: 20 Mar 2018 11:44

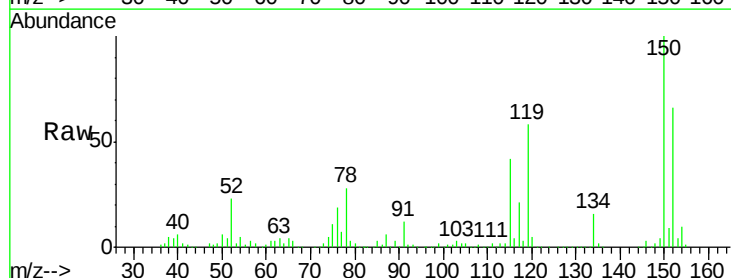
Tgt Ion:152 Resp: 121725

Ion Ratio Lower Upper

152 100

115 83.4 39.8 119.3

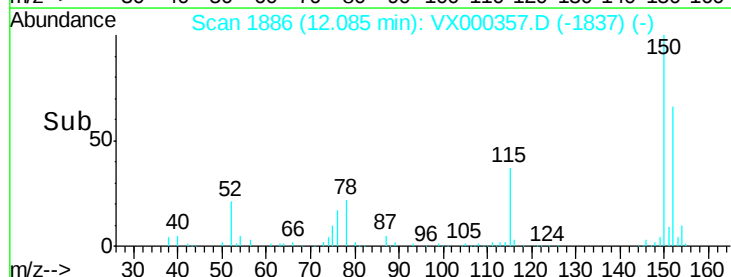
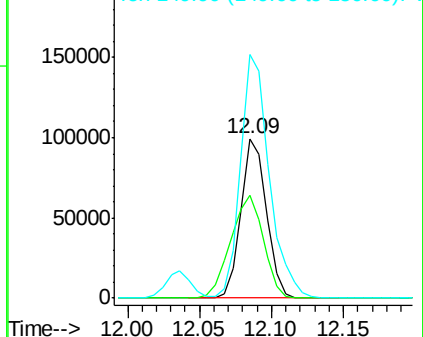
150 172.4 0.0 344.4



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: 55.58 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. 0.00 min

Lab File: VX000357.D

Acq: 20 Mar 2018 11:44

Instrument :

MSVOA_X

ClientSampleId :

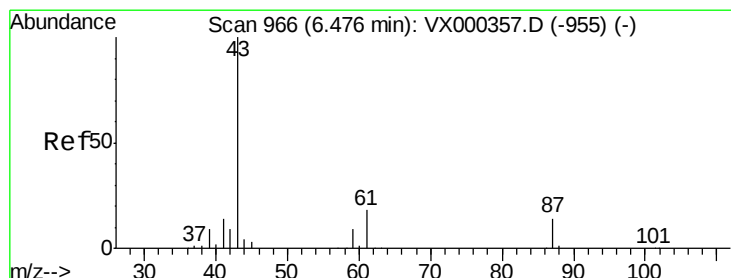
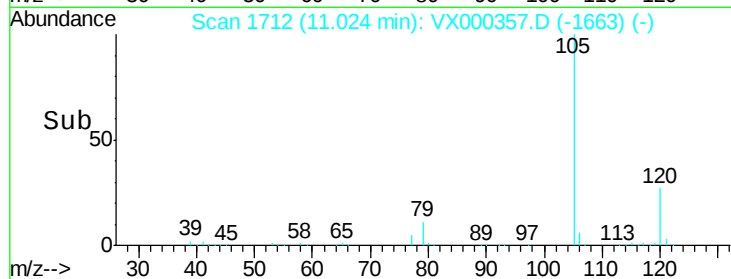
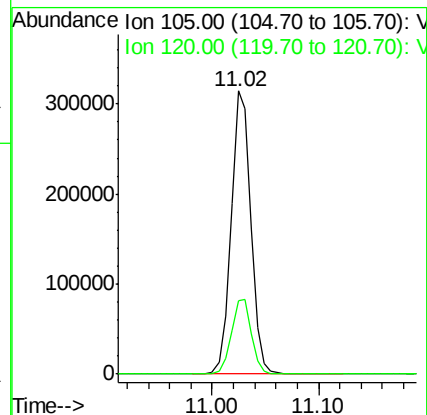
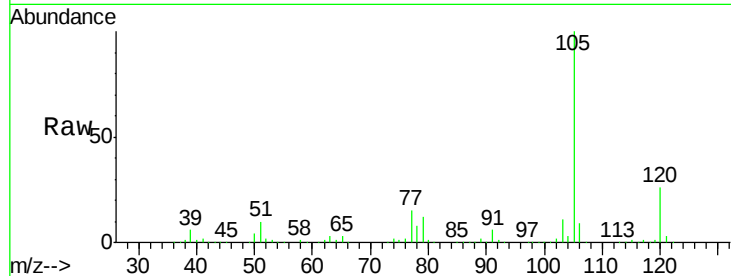
VSTDICCC050

Tgt Ion:105 Resp: 407499

Ion Ratio Lower Upper

105 100

120 26.9 13.6 40.7



#74

N-ethyl acetate

Concen: 56.40 ug/l

RT: 6.48 min Scan# 966

Delta R.T. 0.00 min

Lab File: VX000357.D

Acq: 20 Mar 2018 11:44

Tgt Ion: 43 Resp: 197957

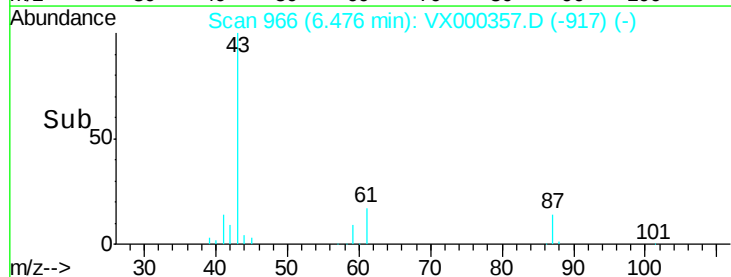
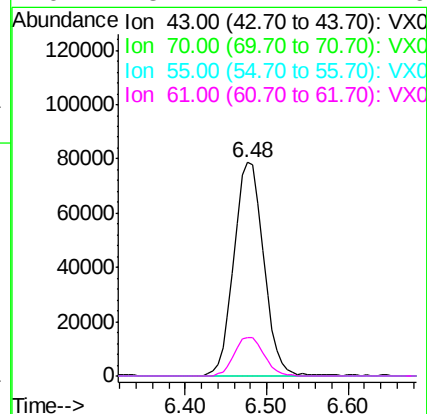
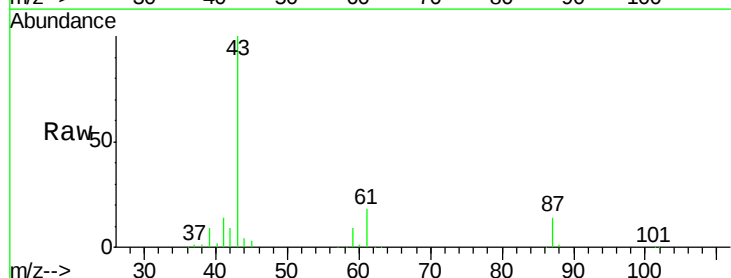
Ion Ratio Lower Upper

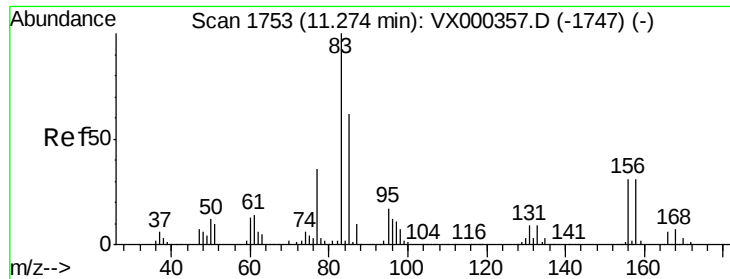
43 100

70 0.0 0.0 0.0

55 0.0 0.0 0.0#

61 18.2 14.4 21.6

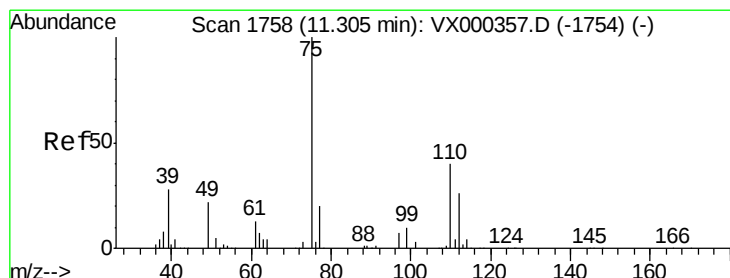
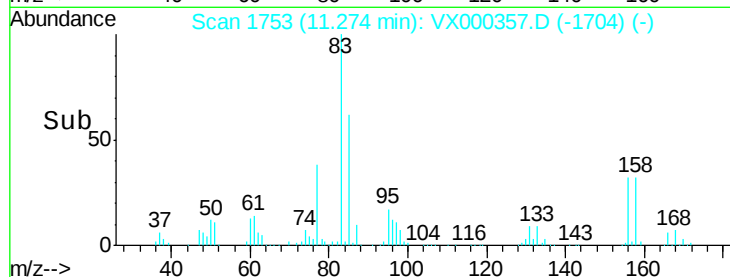
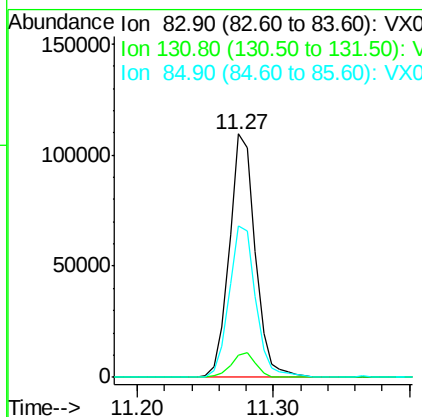
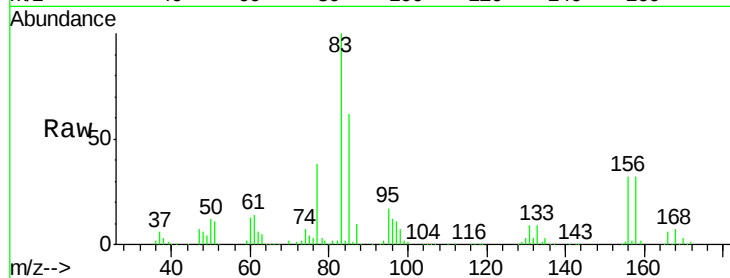




#75
 1,1,2,2-Tetrachloroethane
 Concen: 55.42 ug/l
 RT: 11.27 min Scan# 1753
 Delta R.T. 0.00 min
 Lab File: VX000357.D
 Acq: 20 Mar 2018 11:44

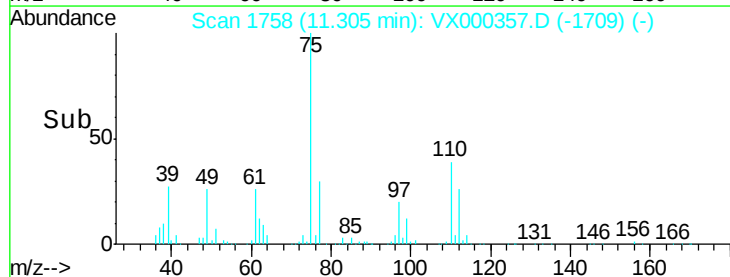
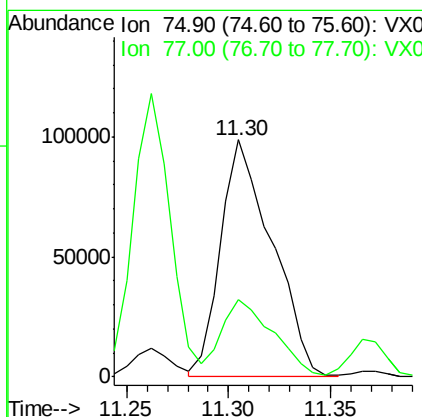
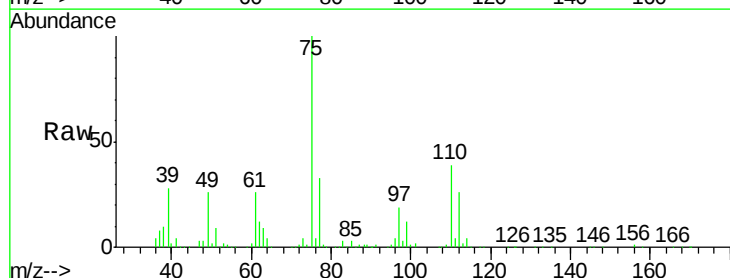
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

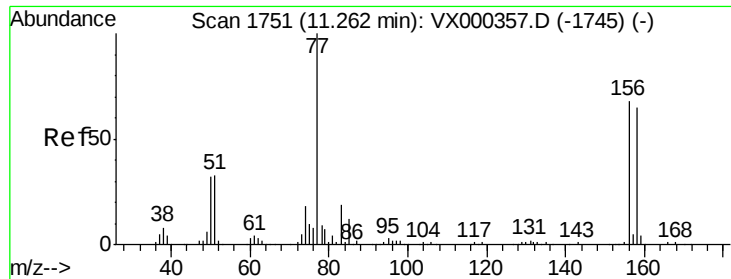
Tgt Ion: 83 Resp: 144628
 Ion Ratio Lower Upper
 83 100
 131 9.8 5.0 14.9
 85 64.0 32.5 97.5



#76
 1,2,3-Trichloropropane
 Concen: 70.45 ug/l
 RT: 11.30 min Scan# 1758
 Delta R.T. 0.00 min
 Lab File: VX000357.D
 Acq: 20 Mar 2018 11:44

Tgt Ion: 75 Resp: 172616
 Ion Ratio Lower Upper
 75 100
 77 32.6 21.4 64.2





#77

Bromobenzene

Concen: 52.89 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. 0.00 min

Lab File: VX000357.D

Acq: 20 Mar 2018 11:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

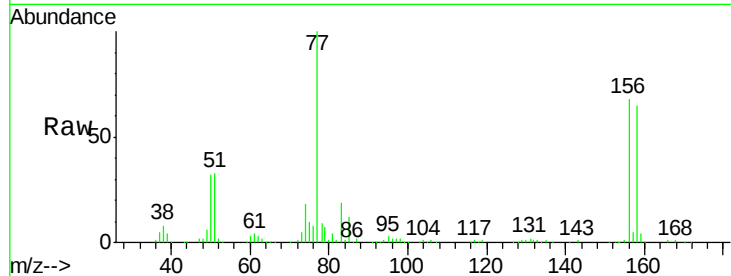
Tgt Ion:156 Resp: 101787

Ion Ratio Lower Upper

156 100

77 147.5 73.4 220.2

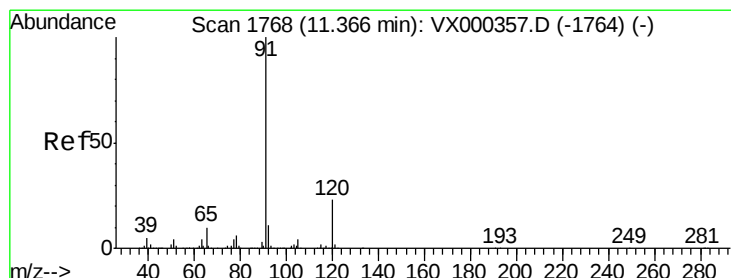
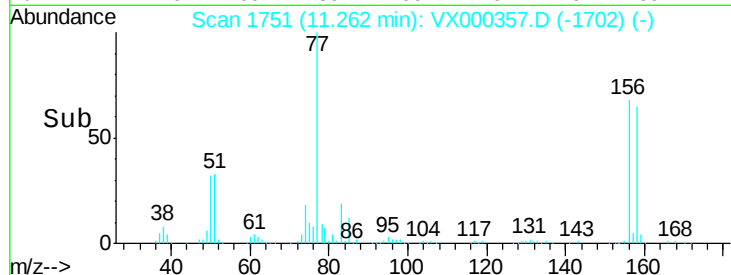
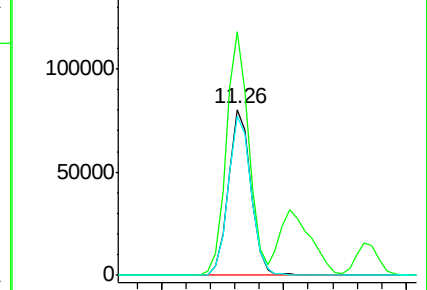
158 97.6 48.5 145.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 53.80 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. 0.00 min

Lab File: VX000357.D

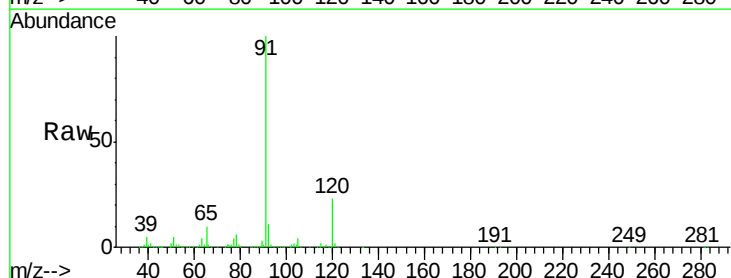
Acq: 20 Mar 2018 11:44

Tgt Ion: 91 Resp: 475609

Ion Ratio Lower Upper

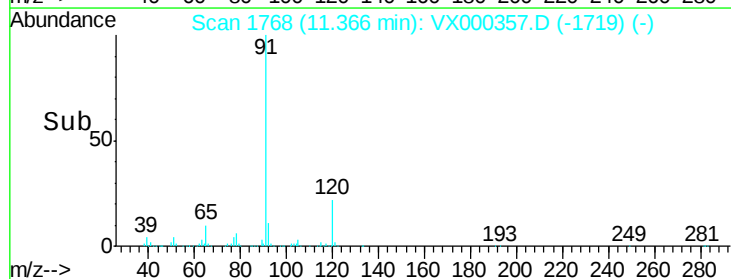
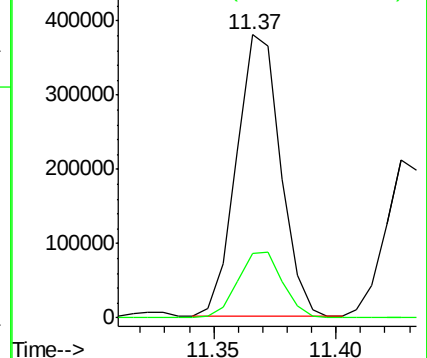
91 100

120 23.8 11.8 35.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

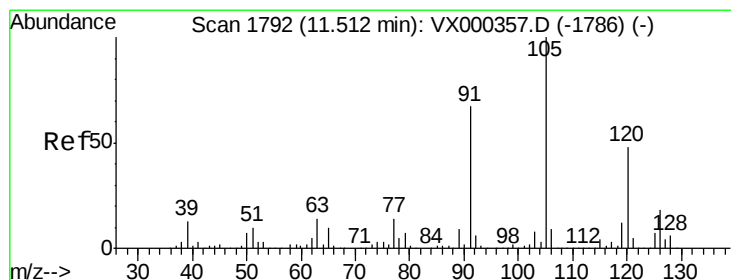
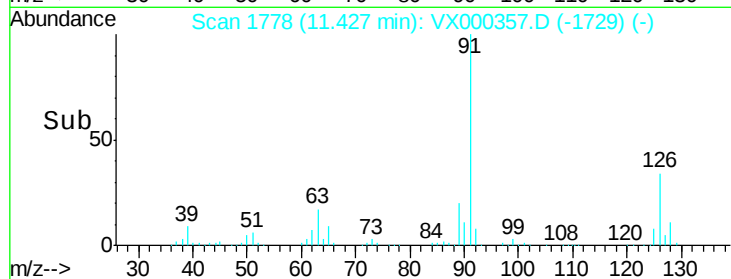
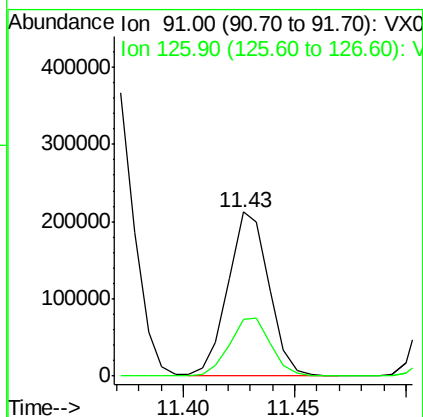
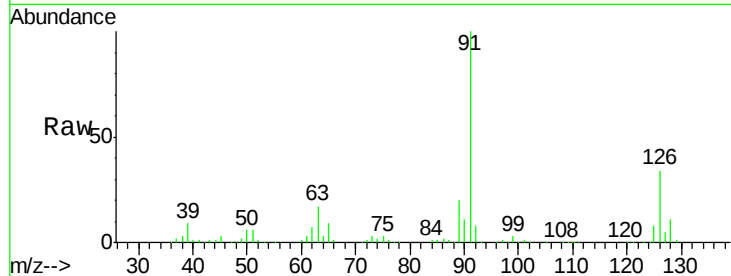




#79
 2-Chlorotoluene
 Concen: 54.15 ug/l
 RT: 11.43 min Scan# 1778
 Delta R.T. 0.00 min
 Lab File: VX000357.D
 Acq: 20 Mar 2018 11:44

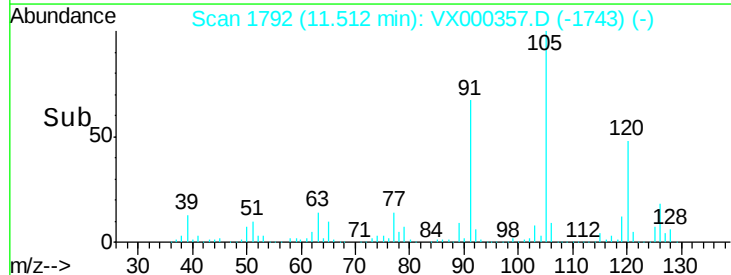
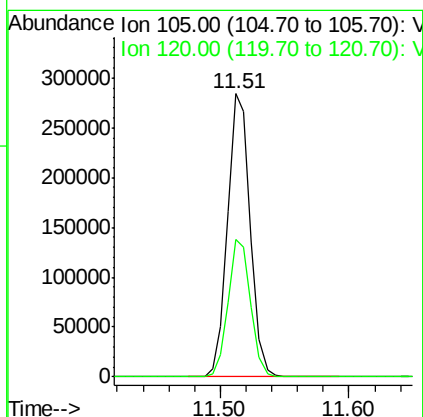
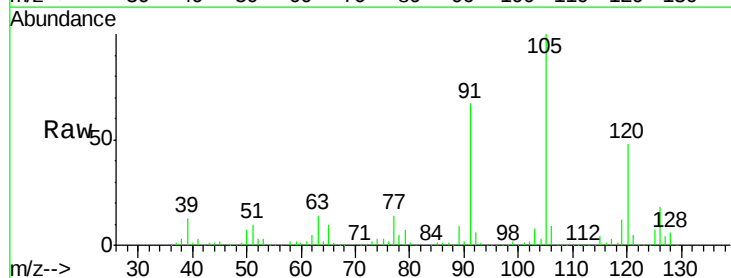
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tgt Ion: 91 Resp: 271650
 Ion Ratio Lower Upper
 91 100
 126 35.9 17.7 53.1



#80
 1,3,5-Trimethylbenzene
 Concen: 56.22 ug/l
 RT: 11.51 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX000357.D
 Acq: 20 Mar 2018 11:44

Tgt Ion: 105 Resp: 351109
 Ion Ratio Lower Upper
 105 100
 120 48.4 24.1 72.4





#81

trans-1,4-Dichloro-2-butene

Concen: 60.11 ug/l

RT: 11.09 min Scan# 1722

Delta R.T. 0.00 min

Lab File: VX000357.D

Acq: 20 Mar 2018 11:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

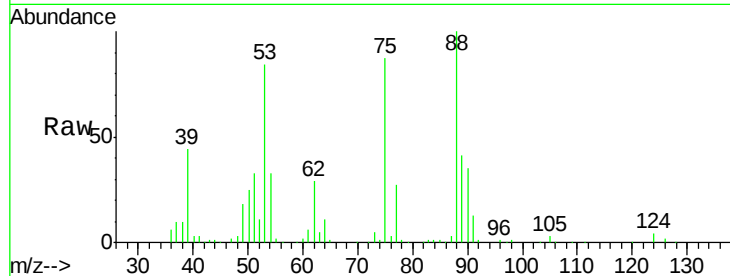
Tgt Ion: 75 Resp: 43231

Ion Ratio Lower Upper

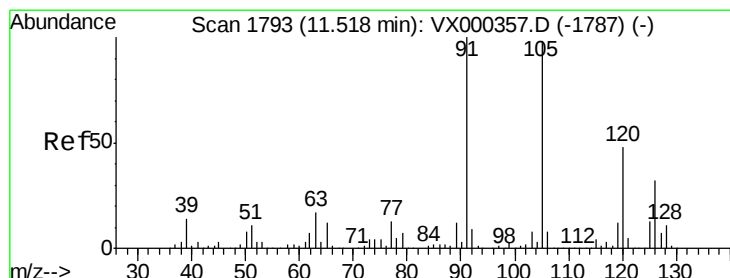
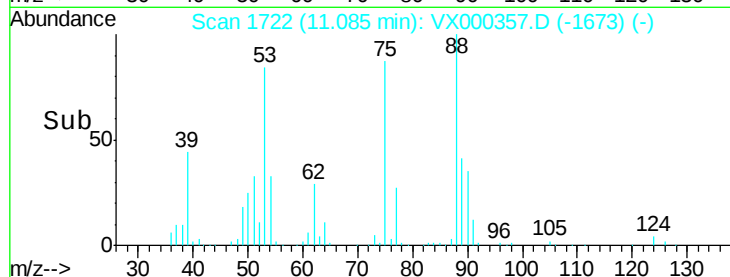
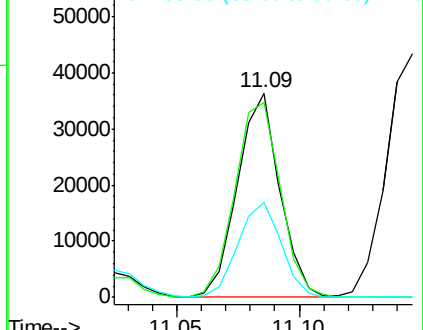
75 100

53 103.9 80.7 121.1

89 47.9 39.4 59.0



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 53.00 (52.70 to 53.70): VX0
Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 53.83 ug/l

RT: 11.52 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VX000357.D

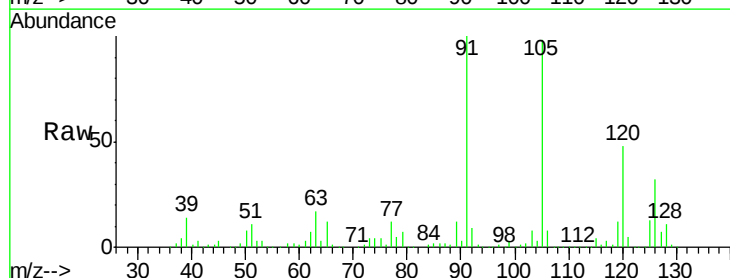
Acq: 20 Mar 2018 11:44

Tgt Ion: 91 Resp: 331940

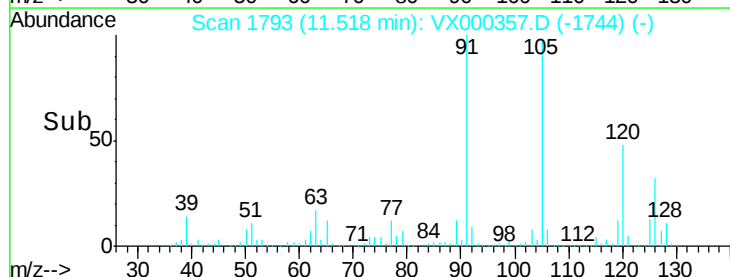
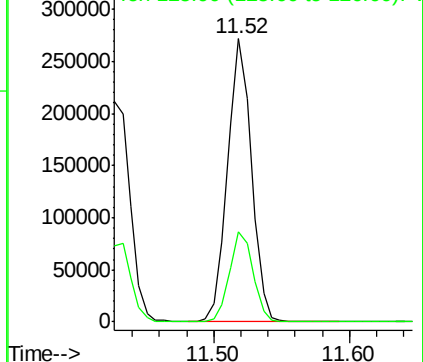
Ion Ratio Lower Upper

91 100

126 31.6 15.4 46.1



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 125.90 (125.60 to 126.60): V

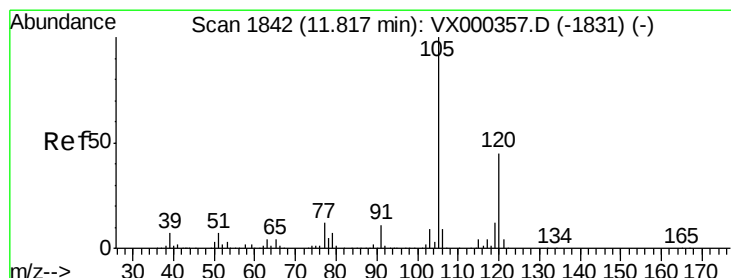
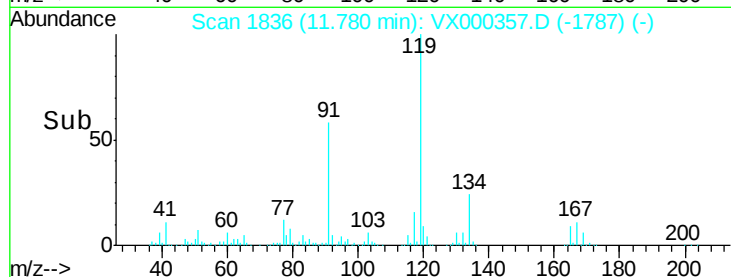
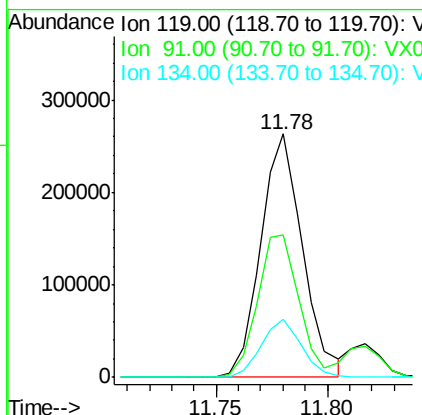
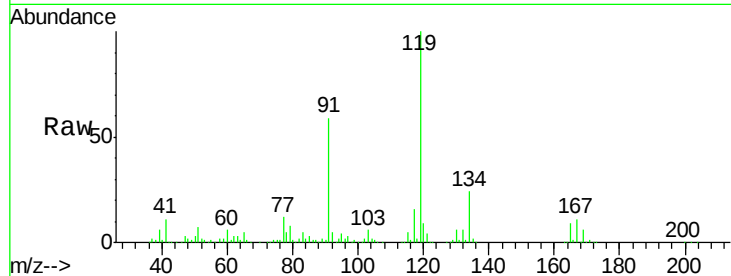




#83
 tert-Butylbenzene
 Concen: 56.36 ug/l
 RT: 11.78 min Scan# 1836
 Delta R.T. 0.00 min
 Lab File: VX000357.D
 Acq: 20 Mar 2018 11:44

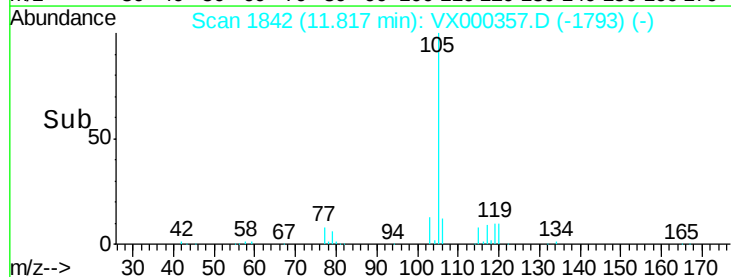
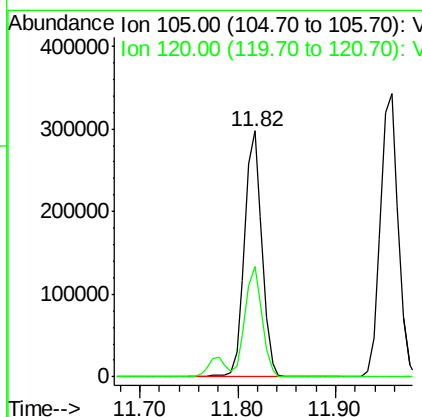
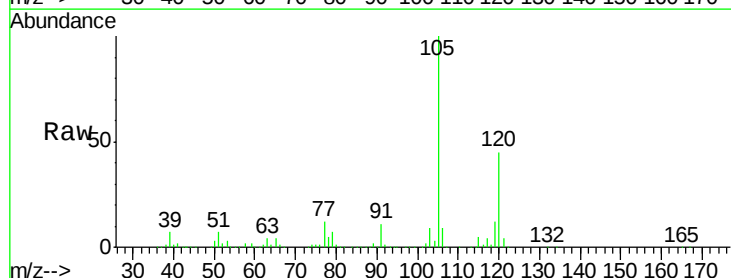
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

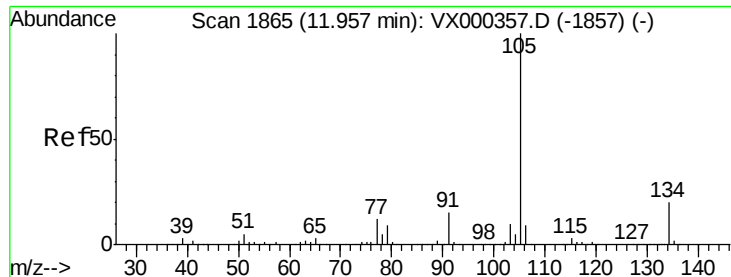
Tgt Ion:119 Resp: 343390
 Ion Ratio Lower Upper
 119 100
 91 57.9 28.8 86.4
 134 22.9 11.4 34.1



#84
 1,2,4-Trimethylbenzene
 Concen: 56.87 ug/l
 RT: 11.82 min Scan# 1842
 Delta R.T. 0.00 min
 Lab File: VX000357.D
 Acq: 20 Mar 2018 11:44

Tgt Ion:105 Resp: 365159
 Ion Ratio Lower Upper
 105 100
 120 44.1 22.4 67.3

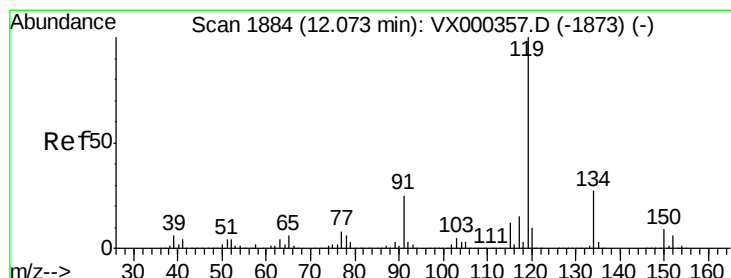
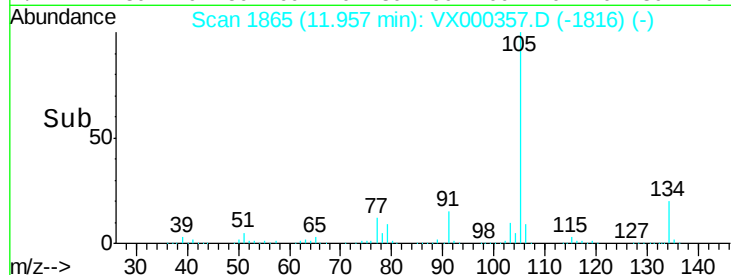
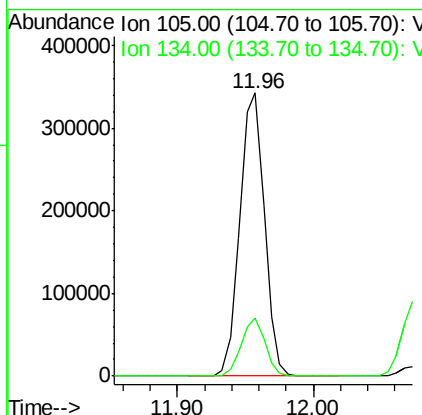
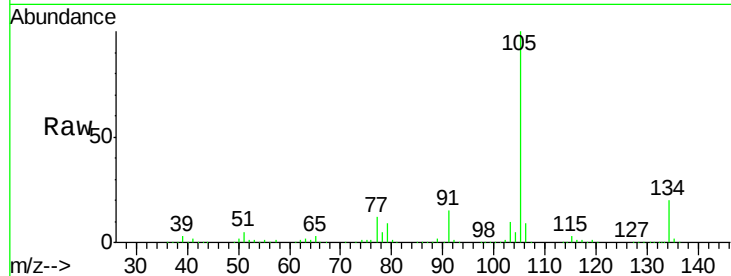




#85
 sec-Butylbenzene
 Concen: 56.73 ug/l
 RT: 11.96 min Scan# 1865
 Delta R.T. 0.00 min
 Lab File: VX000357.D
 Acq: 20 Mar 2018 11:44

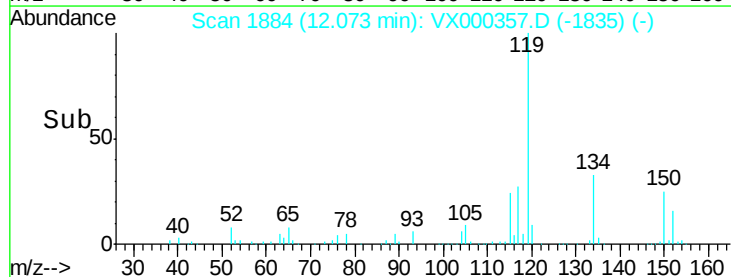
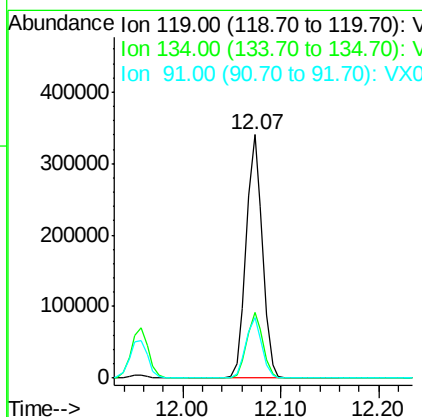
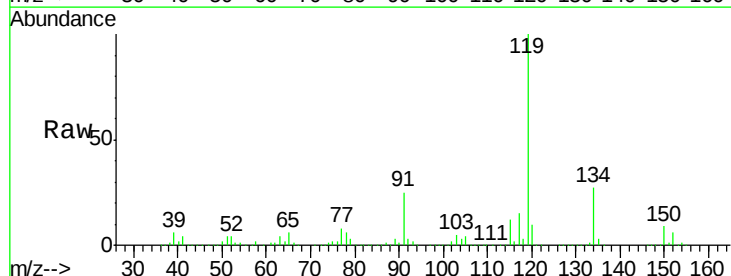
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

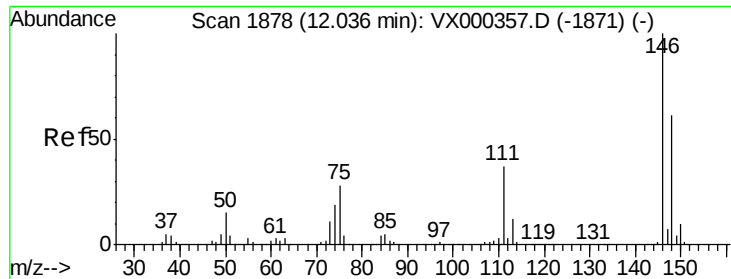
Tgt Ion:105 Resp: 432727
 Ion Ratio Lower Upper
 105 100
 134 19.9 10.3 30.8



#86
 p-Isopropyltoluene
 Concen: 57.54 ug/l
 RT: 12.07 min Scan# 1884
 Delta R.T. 0.00 min
 Lab File: VX000357.D
 Acq: 20 Mar 2018 11:44

Tgt Ion:119 Resp: 390583
 Ion Ratio Lower Upper
 119 100
 134 26.6 13.3 39.9
 91 24.6 12.0 36.1

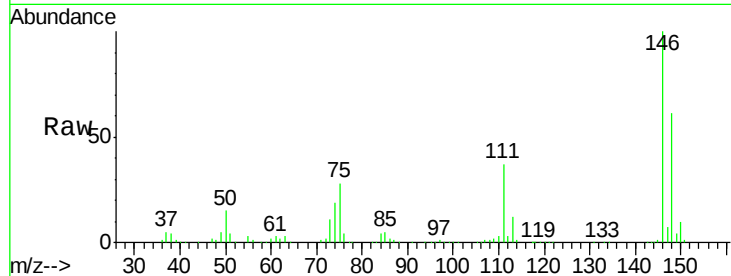




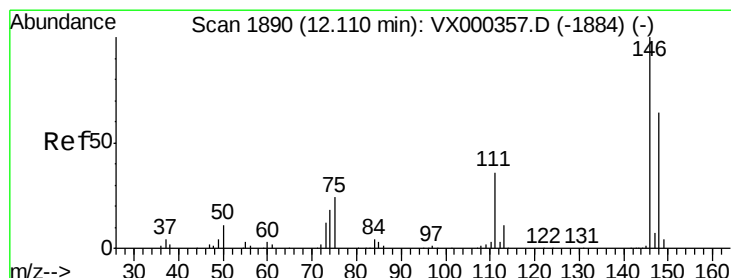
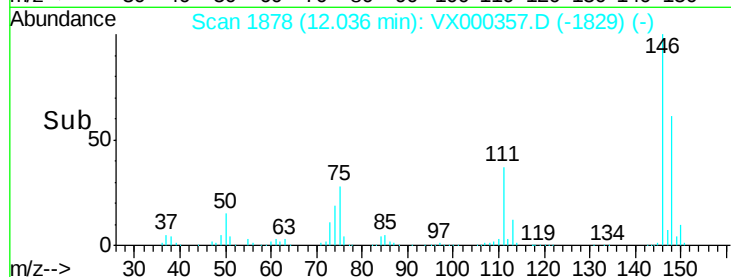
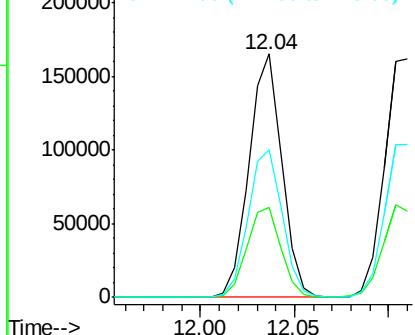
#87
 1,3-Dichlorobenzene
 Concen: 52.98 ug/l
 RT: 12.04 min Scan# 1878
 Delta R.T. 0.00 min
 Lab File: VX000357.D
 Acq: 20 Mar 2018 11:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tgt Ion:146 Resp: 200056
 Ion Ratio Lower Upper
 146 100
 111 38.4 19.5 58.5
 148 63.2 32.4 97.0

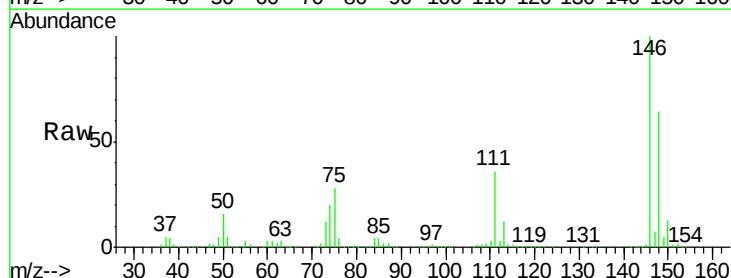


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

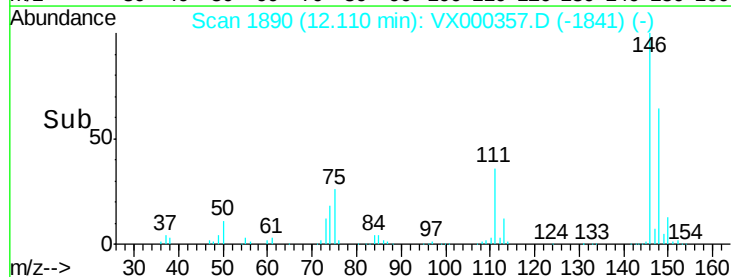
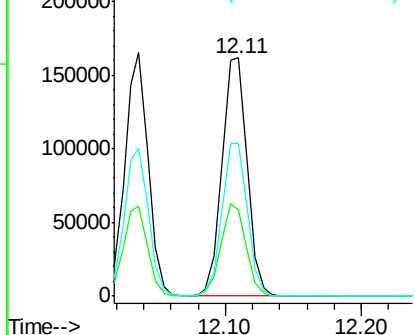


#88
 1,4-Dichlorobenzene
 Concen: 52.77 ug/l
 RT: 12.11 min Scan# 1890
 Delta R.T. 0.00 min
 Lab File: VX000357.D
 Acq: 20 Mar 2018 11:44

Tgt Ion:146 Resp: 207066
 Ion Ratio Lower Upper
 146 100
 111 38.9 18.9 56.9
 148 65.0 31.0 93.0



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: 53.95 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. 0.00 min

Lab File: VX000357.D

Acq: 20 Mar 2018 11:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

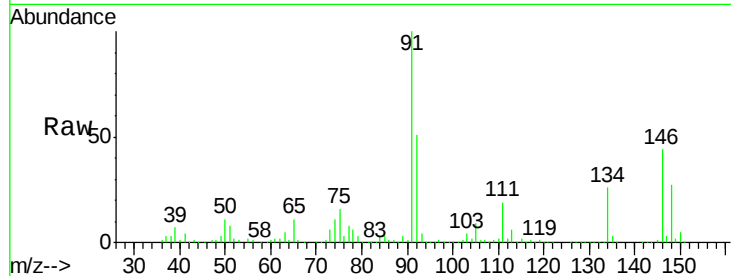
Tgt Ion: 91 Resp: 356118

Ion Ratio Lower Upper

91 100

92 51.2 25.9 77.8

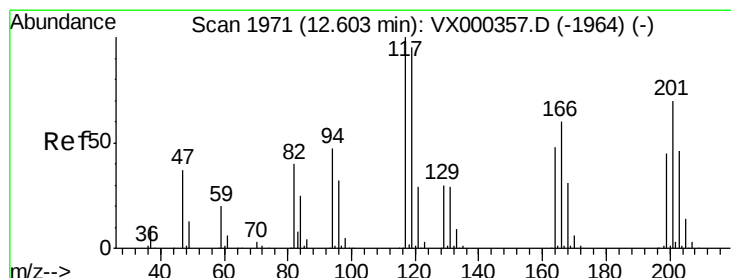
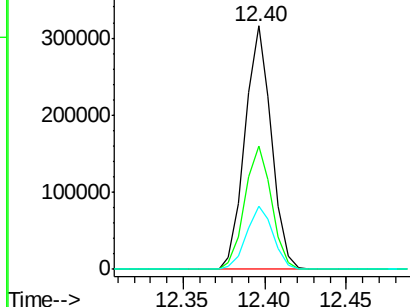
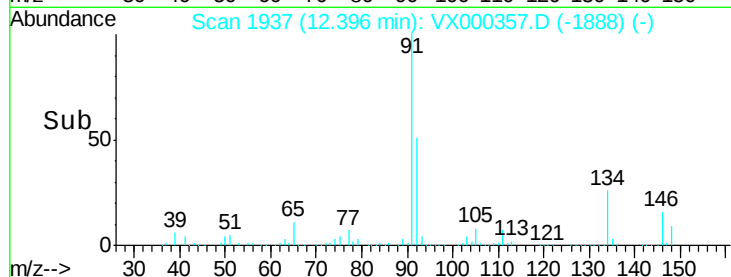
134 26.3 13.1 39.3



Abundance Ion 91.00 (90.70 to 91.70): VX000357.D (-1930) (-)

Ion 92.00 (91.70 to 92.70): VX000357.D (-1930) (-)

Ion 134.00 (133.70 to 134.70): VX000357.D (-1930) (-)



#90

Hexachloroethane

Concen: 57.82 ug/l

RT: 12.60 min Scan# 1971

Delta R.T. 0.00 min

Lab File: VX000357.D

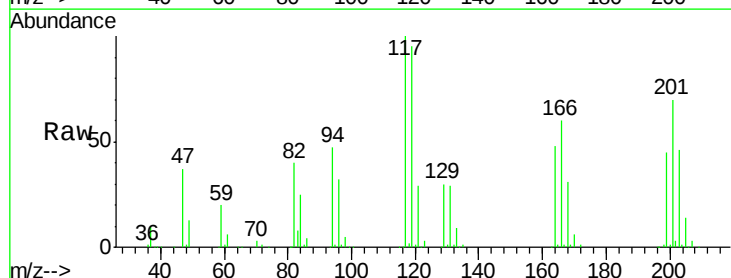
Acq: 20 Mar 2018 11:44

Tgt Ion: 117 Resp: 62958

Ion Ratio Lower Upper

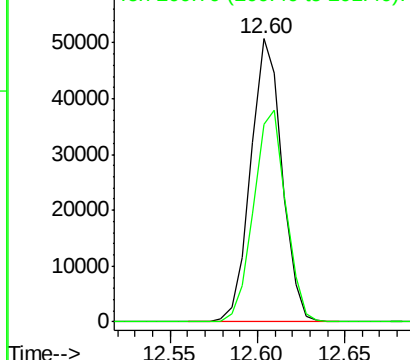
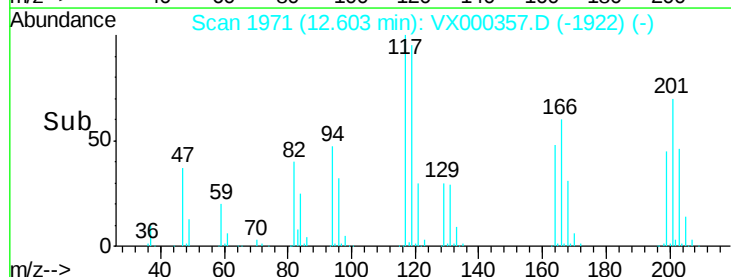
117 100

201 77.1 37.9 113.6



Abundance Ion 116.80 (116.50 to 117.50): VX000357.D (-1964) (-)

Ion 200.70 (200.40 to 201.40): VX000357.D (-1964) (-)

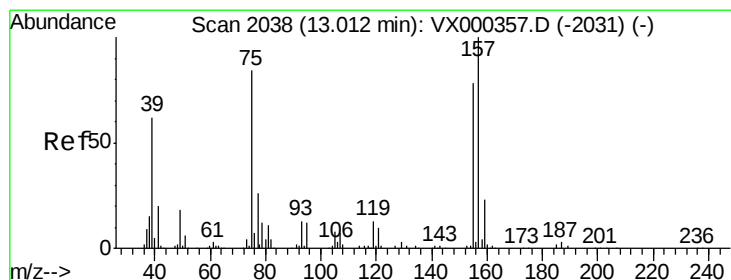
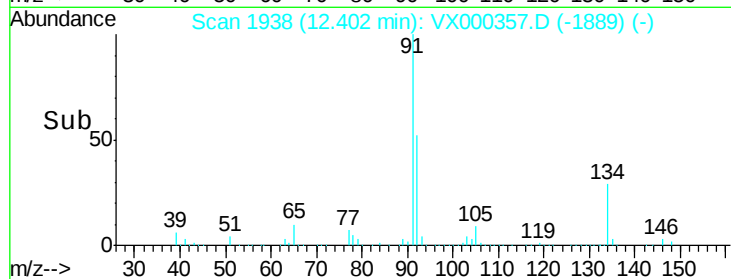
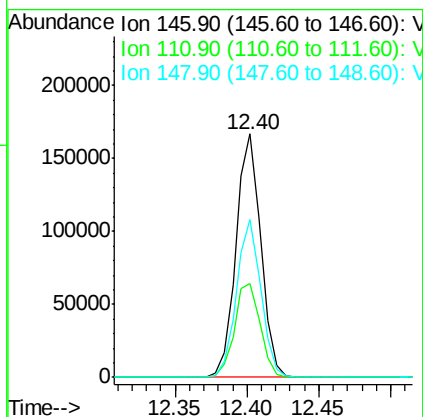
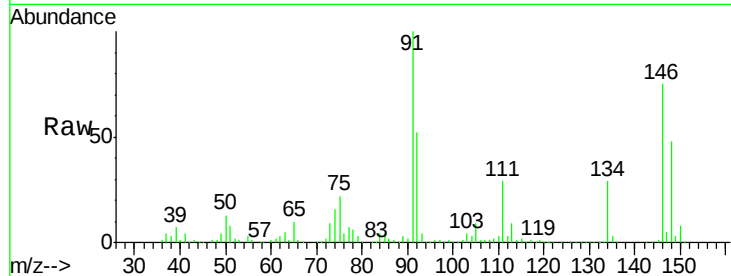




#91
 1,2-Dichlorobenzene
 Concen: 54.91 ug/l
 RT: 12.40 min Scan# 1938
 Delta R.T. 0.00 min
 Lab File: VX000357.D
 Acq: 20 Mar 2018 11:44

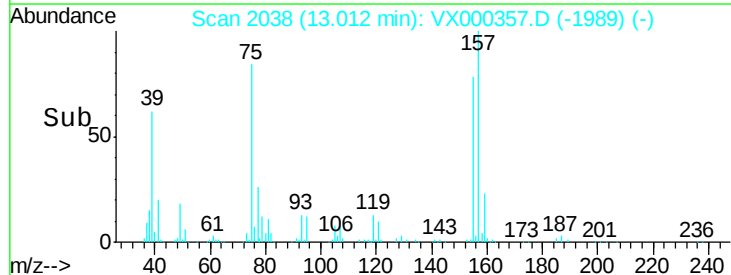
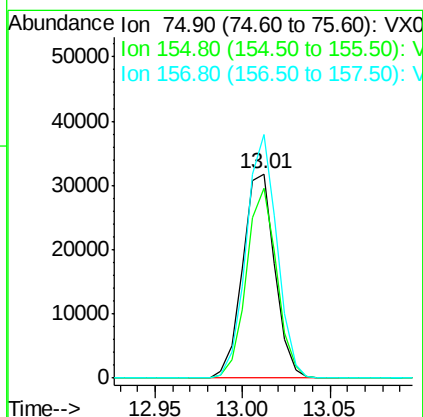
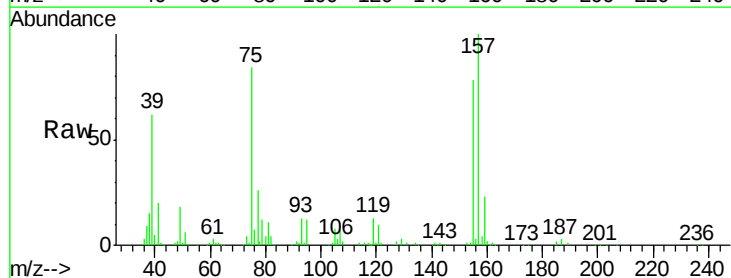
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tgt Ion: 146 Resp: 200853
 Ion Ratio Lower Upper
 146 100
 111 40.0 20.1 60.2
 148 63.9 31.2 93.6



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 57.39 ug/l
 RT: 13.01 min Scan# 2038
 Delta R.T. 0.00 min
 Lab File: VX000357.D
 Acq: 20 Mar 2018 11:44

Tgt Ion: 75 Resp: 40546
 Ion Ratio Lower Upper
 75 100
 155 88.2 45.0 134.8
 157 113.9 58.1 174.2

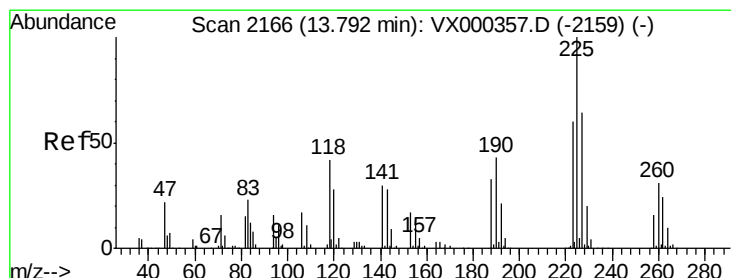
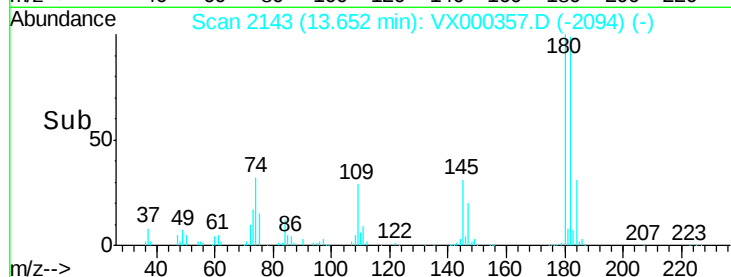
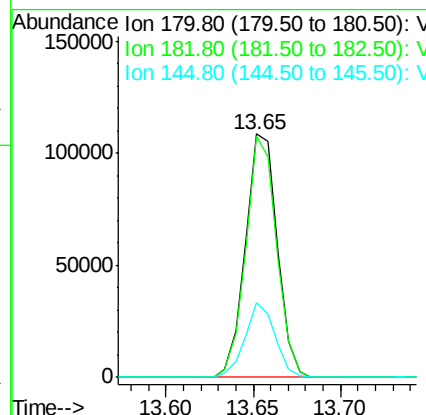
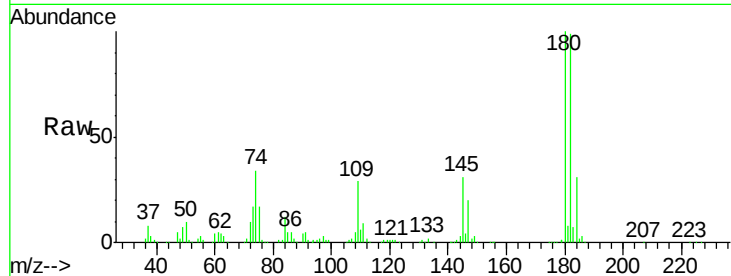




#93
 1,2,4-Trichlorobenzene
 Concen: 52.16 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: VX000357.D
 Acq: 20 Mar 2018 11:44

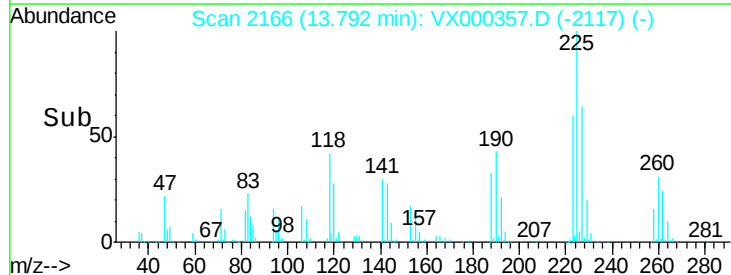
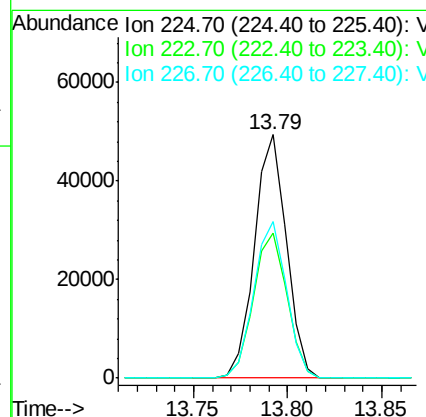
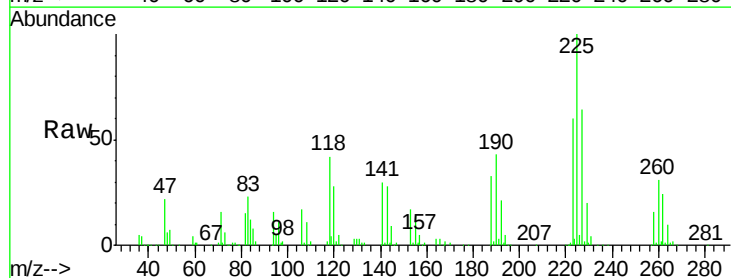
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

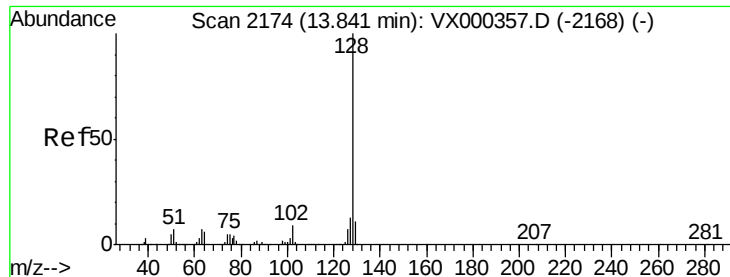
Tgt Ion:180 Resp: 137430
 Ion Ratio Lower Upper
 180 100
 182 95.7 47.6 142.9
 145 28.8 15.1 45.3



#94
 Hexachlorobutadiene
 Concen: 56.02 ug/l
 RT: 13.79 min Scan# 2166
 Delta R.T. 0.00 min
 Lab File: VX000357.D
 Acq: 20 Mar 2018 11:44

Tgt Ion:225 Resp: 58229
 Ion Ratio Lower Upper
 225 100
 223 62.7 32.0 96.0
 227 65.7 32.6 98.0





#95

Naphthalene

Concen: 55.71 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. 0.00 min

Lab File: VX000357.D

Acq: 20 Mar 2018 11:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

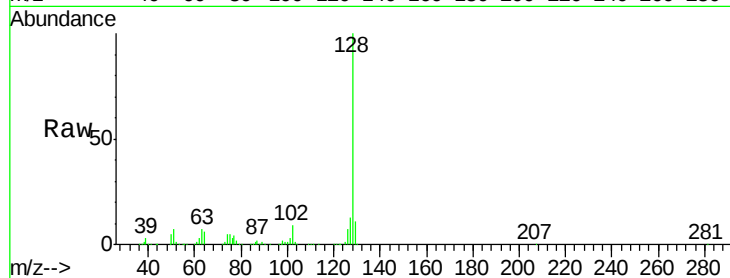
Tgt Ion:128 Resp: 509374

Ion Ratio Lower Upper

128 100

127 13.2 10.6 15.8

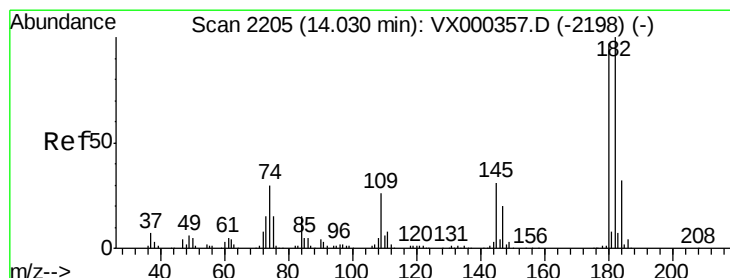
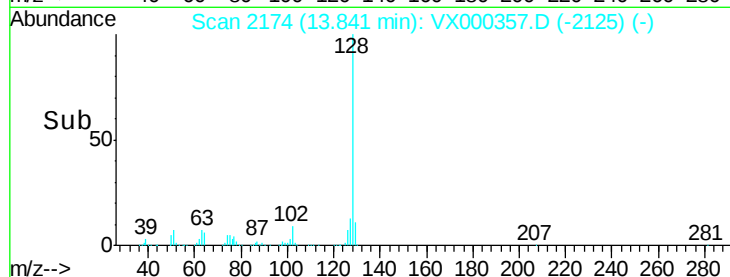
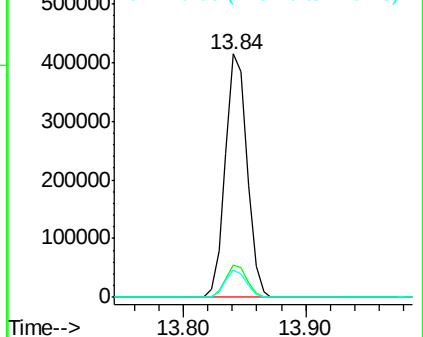
129 11.0 8.9 13.3



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 52.64 ug/l

RT: 14.03 min Scan# 2205

Delta R.T. 0.00 min

Lab File: VX000357.D

Acq: 20 Mar 2018 11:44

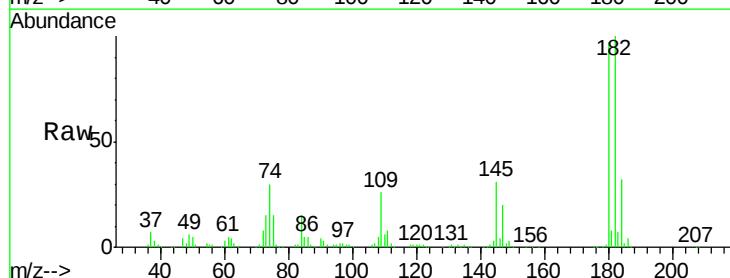
Tgt Ion:180 Resp: 140111

Ion Ratio Lower Upper

180 100

182 94.6 47.4 142.3

145 30.5 15.8 47.3



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

