

Data File : VX002256.D
Acq On : 04 Jun 2018 11:26
Operator : JC/MD
Sample : VSTDICCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Quant Time: Jun 05 02:08:18 2018
Quant Method : Y:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060418W.M
Quant Title : SW846 8260
QLast Update : Tue Jun 05 02:06:17 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	298858	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	436396	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	416558	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	264216	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	219050	47.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.24%	
35) Dibromofluoromethane	5.51	113	168589	49.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.24%	
50) Toluene-d8	8.72	98	659241	50.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.24%	
62) 4-Bromofluorobenzene	11.14	95	255257	50.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.64%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.20	85	160943	51.80	ug/l	100
3) Chloromethane	1.32	50	185601	45.40	ug/l	100
4) Vinyl Chloride	1.41	62	193339	49.38	ug/l	100
5) Bromomethane	1.64	94	111929	35.97	ug/l	100
6) Chloroethane	1.72	64	121834	48.10	ug/l	100
7) Trichlorofluoromethane	1.93	101	302875	50.77	ug/l	100
8) Diethyl Ether	2.19	74	109368	45.01	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.39	101	168045	52.20	ug/l	100
10) Methyl Iodide	2.51	142	233762	51.62	ug/l	100
11) Tert butyl alcohol	3.08	59	232423	242.69	ug/l	100
12) 1,1-Dichloroethene	2.37	96	153723	48.32	ug/l	100
13) Acrolein	2.30	56	107717	233.51	ug/l	100
14) Allyl chloride	2.73	41	323132	46.80	ug/l	100
15) Acrylonitrile	3.15	53	473956	232.51	ug/l	100
16) Acetone	2.45	43	497779	232.92	ug/l	100
17) Carbon Disulfide	2.57	76	408073	48.66	ug/l	100
18) Methyl Acetate	2.78	43	225472	44.72	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	577220	45.80	ug/l	100
20) Methylene Chloride	2.86	84	173974	40.97	ug/l	100
21) trans-1,2-Dichloroethene	3.17	96	164887	47.00	ug/l	100
22) Diisopropyl ether	3.88	45	588106	45.65	ug/l	100
23) Vinyl Acetate	3.83	43	2583103	230.78	ug/l	100
24) 1,1-Dichloroethane	3.70	63	321966	47.18	ug/l	100
25) 2-Butanone	4.71	43	692118	236.19	ug/l	100
26) 2,2-Dichloropropane	4.59	77	253225	47.47	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	176487	46.25	ug/l	100
28) Bromochloromethane	5.03	49	158831	48.07	ug/l	100
29) Tetrahydrofuran	5.17	42	440736	233.28	ug/l	100
30) Chloroform	5.22	83	308122	46.79	ug/l	100
31) Cyclohexane	5.58	56	278095	51.54	ug/l	100
32) 1,1,1-Trichloroethane	5.50	97	277657	49.72	ug/l	100
36) 1,1-Dichloropropene	5.81	75	228737	49.86	ug/l	100
37) Ethyl Acetate	4.87	43	266254	48.26	ug/l	100
38) Carbon Tetrachloride	5.79	117	247086	51.48	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	279484	53.45	ug/l	100
40) Benzene	6.15	78	682223	48.50	ug/l	100
41) Methacrylonitrile	5.07	41	150601	47.68	ug/l	100
42) 1,2-Dichloroethane	6.20	62	267643	47.89	ug/l	100
43) Isopropyl Acetate	6.47	43	449074	47.92	ug/l	100
44) Trichloroethene	7.21	130	197429	50.57	ug/l	100
45) 1,2-Dichloropropane	7.52	63	183257	48.26	ug/l	100
46) Dibromomethane	7.67	93	120598	46.85	ug/l	100
47) Bromodichloromethane	7.90	83	232344	49.90	ug/l	100
48) Methyl methacrylate	7.78	41	230674	49.00	ug/l	100
49) 1,4-Dioxane	7.76	88	86645	984.44	ug/l	100
51) 4-Methyl-2-Pentanone	8.65	43	1435007	245.89	ug/l	100
52) Toluene	8.79	92	443818	49.61	ug/l	100
53) t-1,3-Dichloropropene	8.44	75	283543	50.78	ug/l	100
54) cis-1,3-Dichloropropene	9.05	75	270279	51.31	ug/l	100
55) 1,1,2-Trichloroethane	9.22	97	178771	48.58	ug/l	100
56) Ethyl methacrylate	9.18	69	284085	48.36	ug/l	100
57) 1,3-Dichloropropane	9.38	76	296911	48.10	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	673596	247.73	ug/l	100
59) 2-Hexanone	9.50	43	1127238	250.07	ug/l	100
60) Dibromochloromethane	9.59	129	192410	51.99	ug/l	100
61) 1,2-Dibromoethane	9.68	107	191256	49.85	ug/l	100
64) Tetrachloroethene	9.34	164	218599	50.88	ug/l	100
65) Chlorobenzene	10.14	112	507987	49.01	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	187356	49.92	ug/l	100
67) Ethyl Benzene	10.26	91	878999	50.67	ug/l	100
68) m/p-Xylenes	10.37	106	685113	101.60	ug/l	100
69) o-Xylene	10.70	106	335127	49.94	ug/l	100
70) Styrene	10.71	104	562860	51.31	ug/l	100
71) Bromoform	10.86	173	152504	51.25	ug/l	100
73) Isopropylbenzene	11.02	105	907774	49.39	ug/l	100
74) N-amyl acetate	6.47	43	449074	45.34	ug/l	# 100
75) 1,1,2,2-Tetrachloroethane	11.27	83	263702	45.62	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	328211	61.93	ug/l	80
77) Bromobenzene	11.26	156	244882	47.46	ug/l	100
78) n-propylbenzene	11.37	91	1045828	51.19	ug/l	100
79) 2-Chlorotoluene	11.43	91	614070	47.60	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	777836	49.34	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	82348	49.79	ug/l	100
82) 4-Chlorotoluene	11.51	91	733201	49.24	ug/l	100
83) tert-Butylbenzene	11.77	119	756289	49.26	ug/l	100
84) 1,2,4-Trimethylbenzene	11.81	105	803607	49.52	ug/l	100
85) sec-Butylbenzene	11.95	105	936153	52.02	ug/l	100
86) p-Isopropyltoluene	12.07	119	853424	52.06	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	447835	48.54	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	450381	47.36	ug/l	100
89) n-Butylbenzene	12.39	91	745868	54.25	ug/l	100
90) Hexachloroethane	12.60	117	133040	50.84	ug/l	100
91) 1,2-Dichlorobenzene	12.40	146	459083	48.09	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	64144	50.74	ug/l	100

Data Path : Y:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX060418\
Quantitation Report (Not Reviewed)

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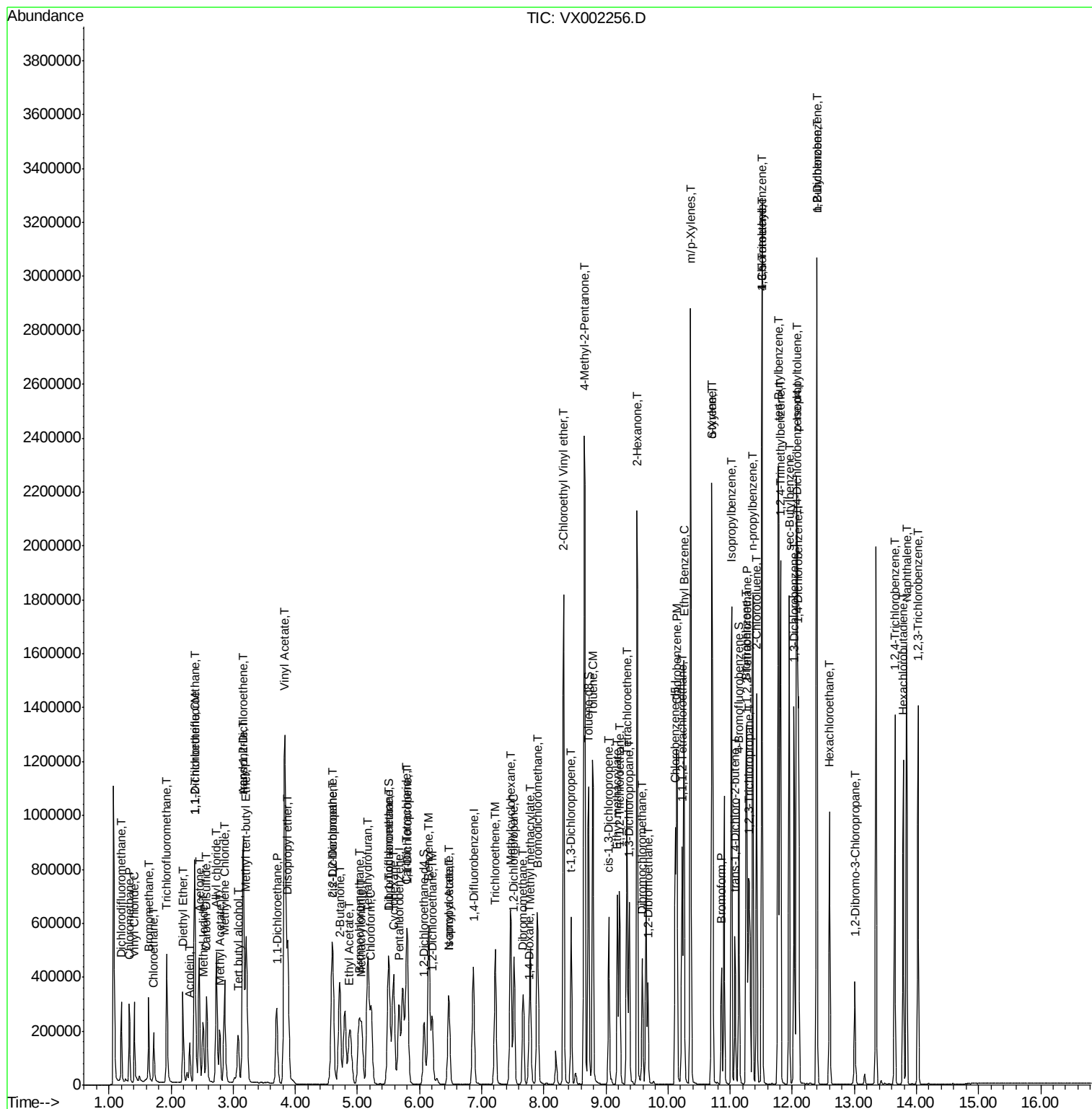
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	336000	50.20	ug/l	100
94) Hexachlorobutadiene	13.79	225	178136	53.86	ug/l	100
95) Naphthalene	13.84	128	968040	50.34	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	341830	50.07	ug/l	100

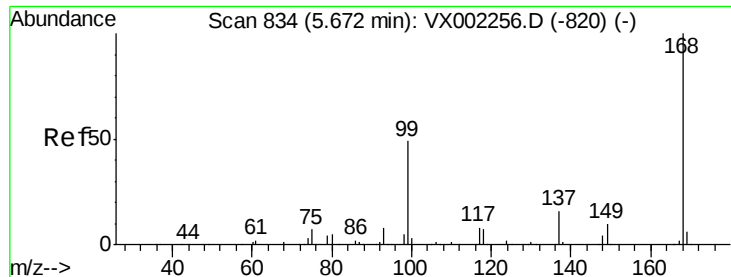
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.00 min

Lab File: VX002256.D

Acq: 04 Jun 2018 11:26

Instrument :

MSVOA_X

ClientSampleId :

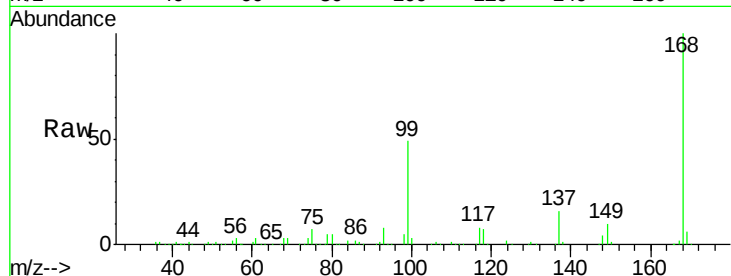
VSTDICCC050

Tgt Ion:168 Resp: 298858

Ion Ratio Lower Upper

168 100

99 49.1 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

120000

100000

80000

60000

40000

20000

0

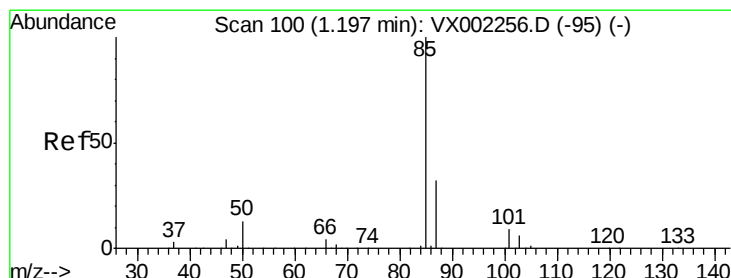
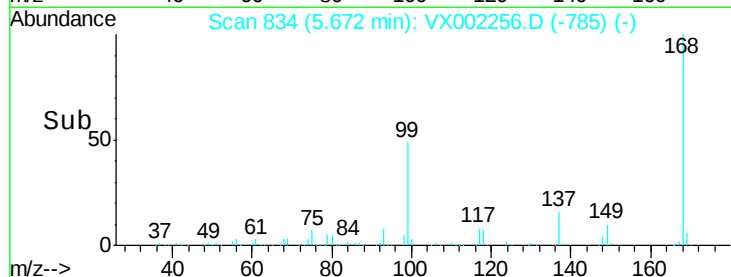
Time-->

5.50

5.60

5.70

5.80



#2

Dichlorodifluoromethane

Concen: 51.80 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX002256.D

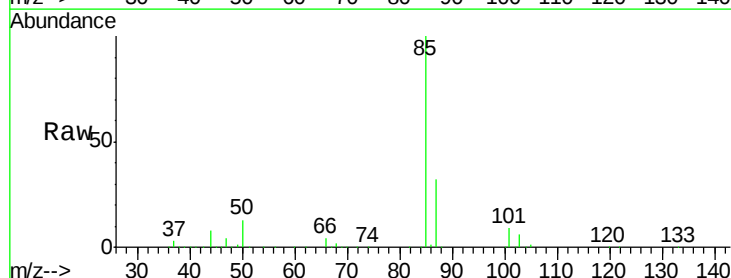
Acq: 04 Jun 2018 11:26

Tgt Ion: 85 Resp: 160943

Ion Ratio Lower Upper

85 100

87 31.9 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

150000

100000

50000

0

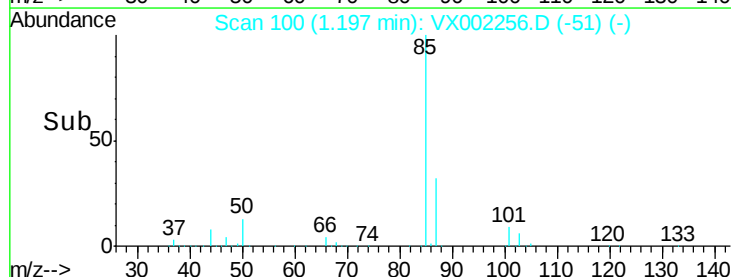
Time-->

1.15

1.20

1.25

1.30





#3

Chloromethane

Concen: 45.40 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX002256.D

Acq: 04 Jun 2018 11:26

Instrument :

MSVOA_X

ClientSampleId :

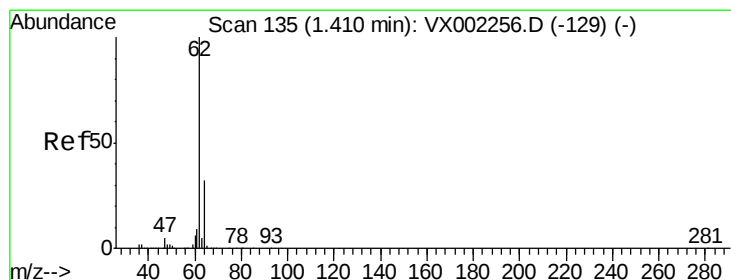
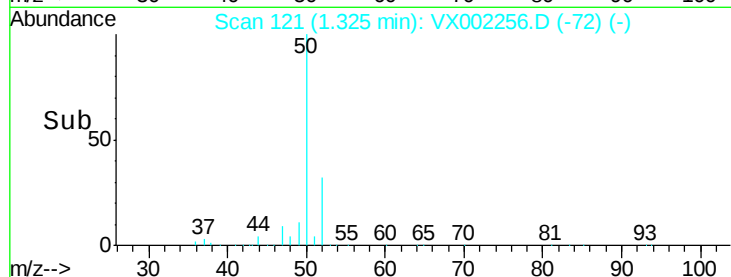
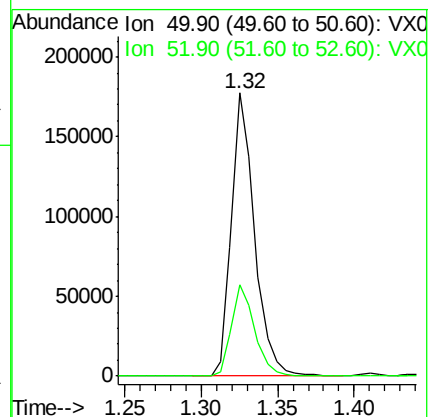
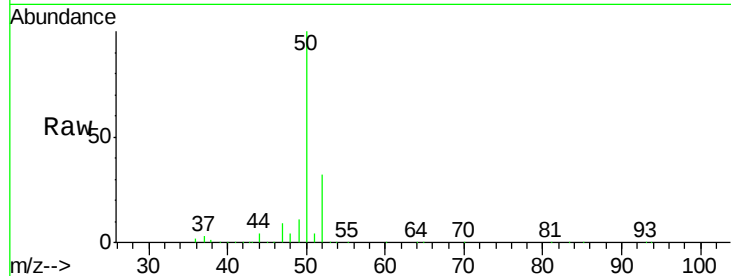
VSTDICCC050

Tgt Ion: 50 Resp: 185601

Ion Ratio Lower Upper

50 100

52 32.1 25.7 38.5



#4

Vinyl Chloride

Concen: 49.38 ug/l

RT: 1.41 min Scan# 135

Delta R.T. 0.00 min

Lab File: VX002256.D

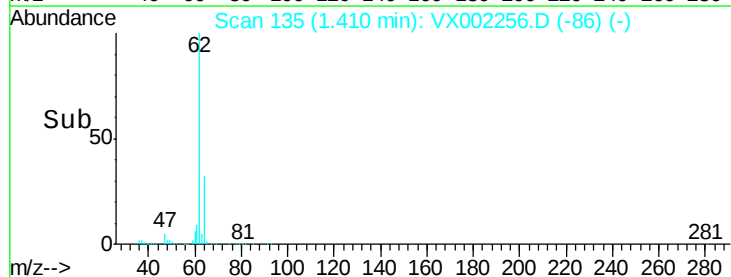
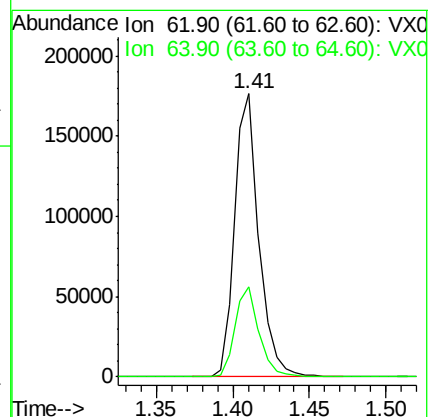
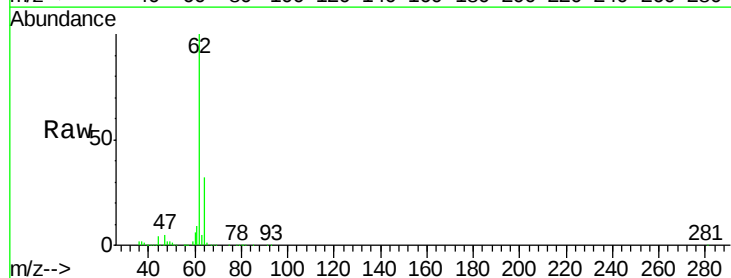
Acq: 04 Jun 2018 11:26

Tgt Ion: 62 Resp: 193339

Ion Ratio Lower Upper

62 100

64 31.8 25.4 38.2





#5

Bromomethane

Concen: 35.97 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX002256.D

Acq: 04 Jun 2018 11:26

Instrument :

MSVOA_X

ClientSampleId :

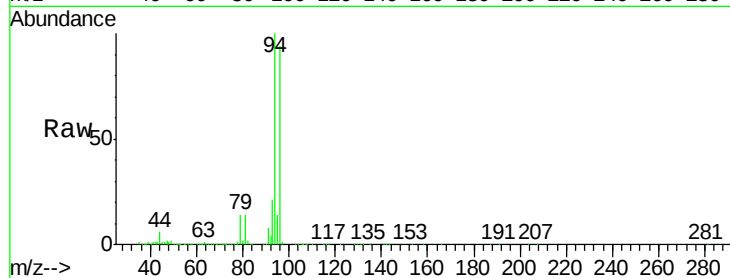
VSTDICCC050

Tgt Ion: 94 Resp: 111929

Ion Ratio Lower Upper

94 100

96 93.6 74.9 112.3



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

120000

100000

80000

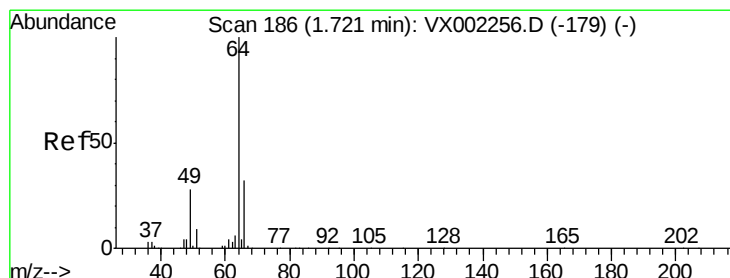
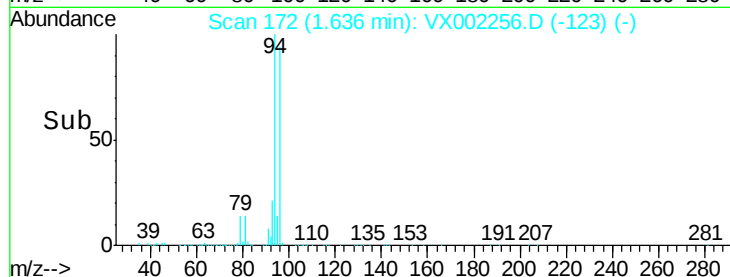
60000

40000

20000

0

Time-->



#6

Chloroethane

Concen: 48.10 ug/l

RT: 1.72 min Scan# 186

Delta R.T. 0.00 min

Lab File: VX002256.D

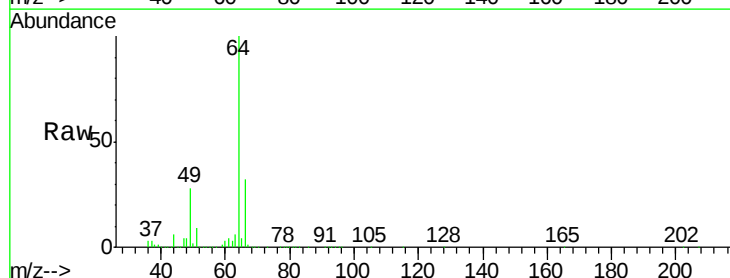
Acq: 04 Jun 2018 11:26

Tgt Ion: 64 Resp: 121834

Ion Ratio Lower Upper

64 100

66 31.9 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.72

100000

80000

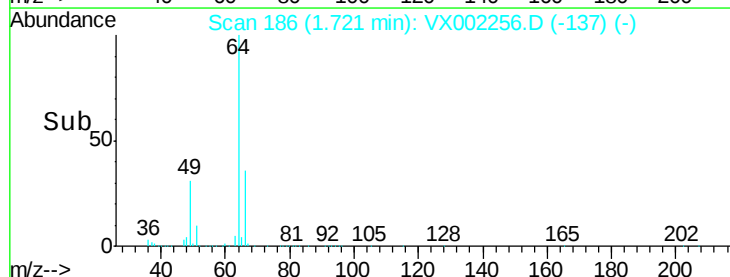
60000

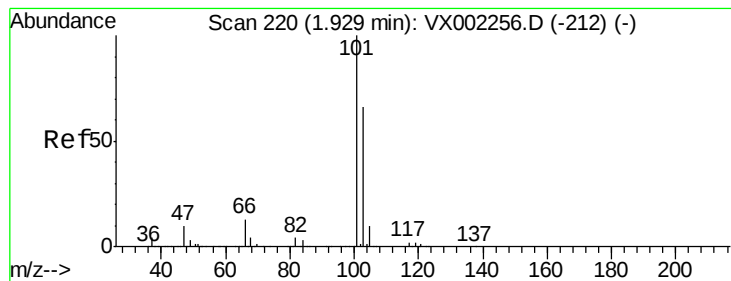
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20000

0

Time-->



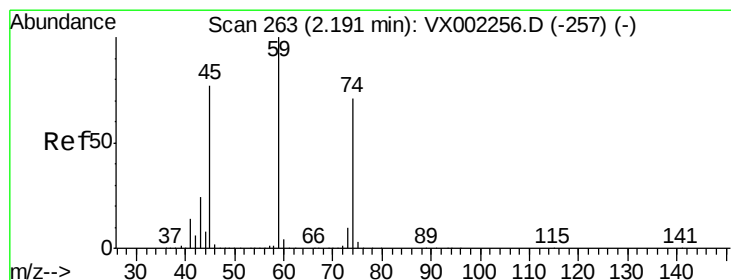
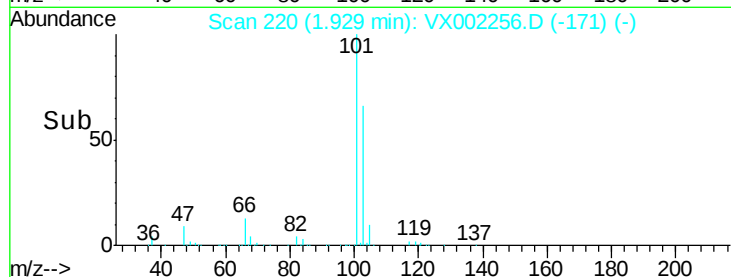
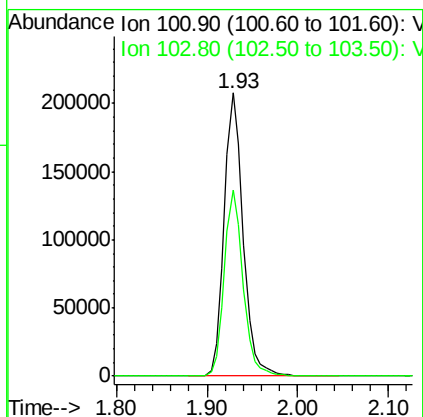
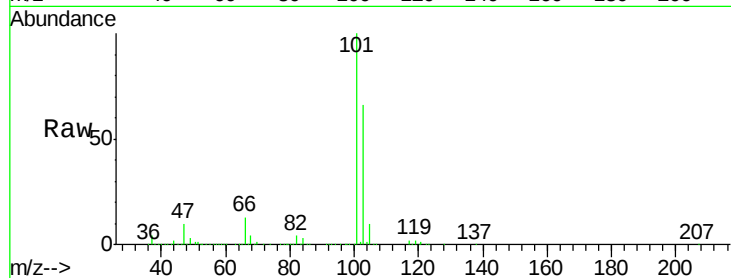


#7

Trichlorofluoromethane
 Concen: 50.77 ug/l
 RT: 1.93 min Scan# 220
 Delta R.T. 0.00 min
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 VSTDICCC050

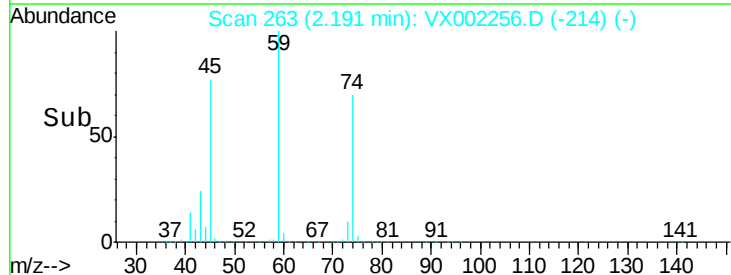
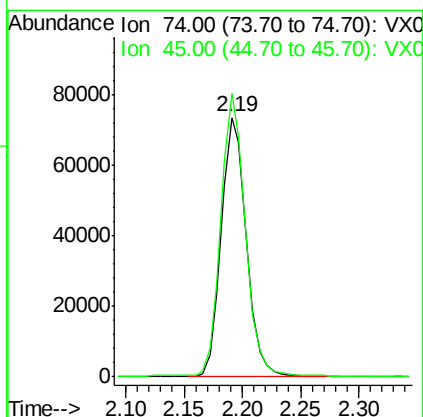
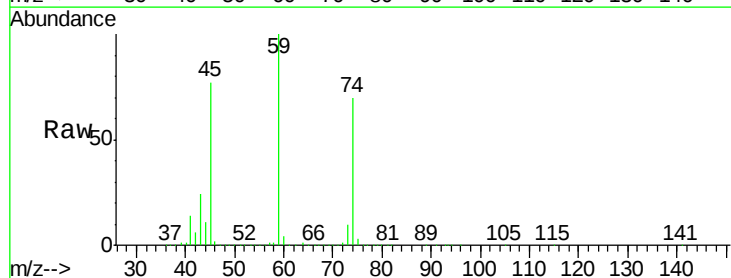
Tgt Ion:101 Resp: 302875
 Ion Ratio Lower Upper
 101 100
 103 66.0 52.8 79.2



#8

Diethyl Ether
 Concen: 45.01 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. 0.00 min
 Lab File: VX002256.D
 Acq: 04 Jun 2018 11:26

Tgt Ion: 74 Resp: 109368
 Ion Ratio Lower Upper
 74 100
 45 106.3 53.1 159.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 52.20 ug/l

RT: 2.39 min Scan# 295

Delta R.T. 0.00 min

Lab File: VX002256.D

Acq: 04 Jun 2018 11:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

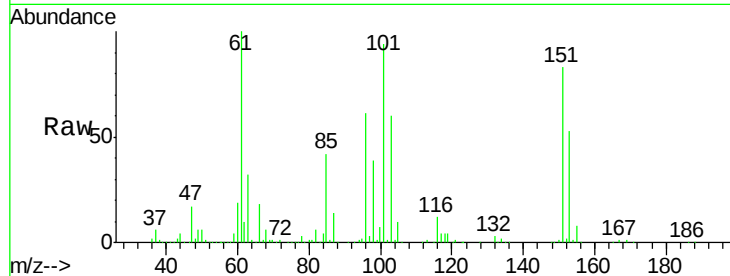
Tgt Ion:101 Resp: 168045

Ion Ratio Lower Upper

101 100

85 45.0 36.0 54.0

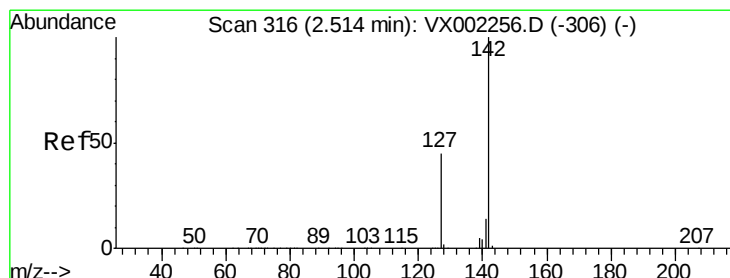
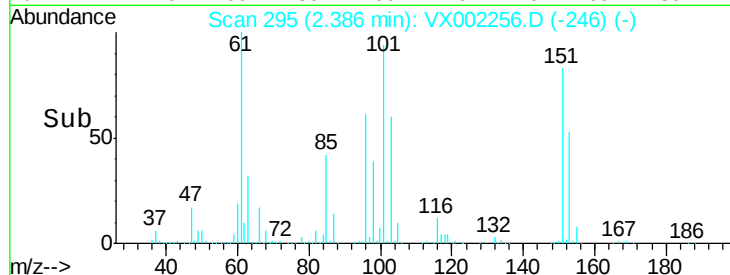
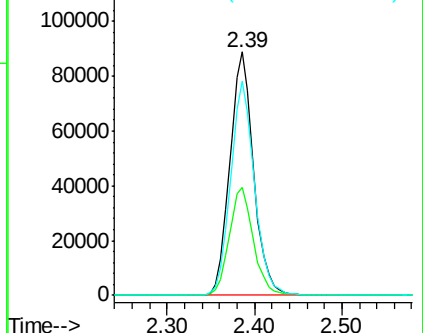
151 88.6 70.9 106.3



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: 51.62 ug/l

RT: 2.51 min Scan# 316

Delta R.T. 0.00 min

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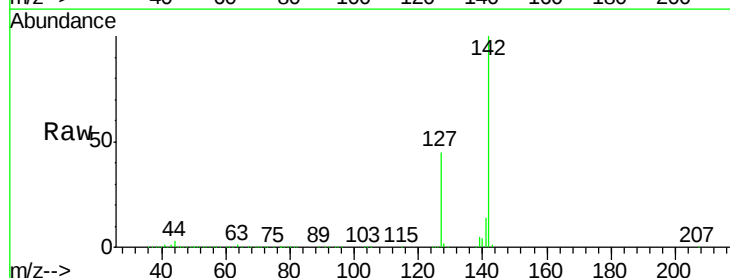
Tgt Ion:142 Resp: 233762

Ion Ratio Lower Upper

142 100

127 45.8 36.6 55.0

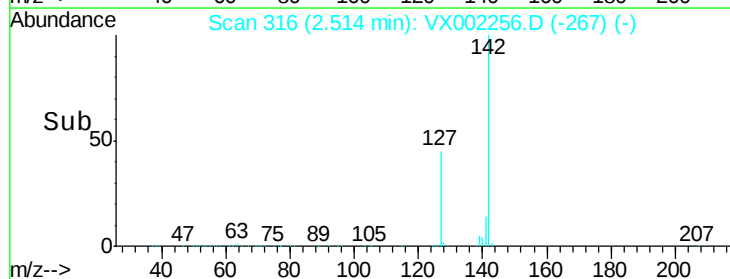
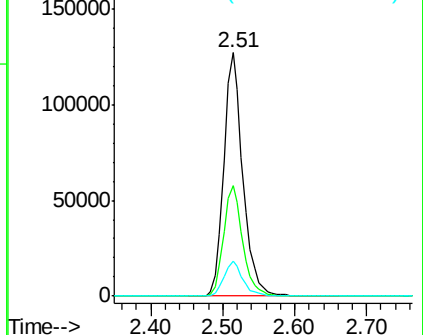
141 14.1 11.3 16.9

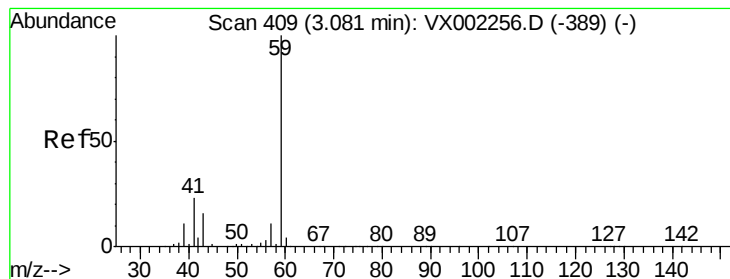


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



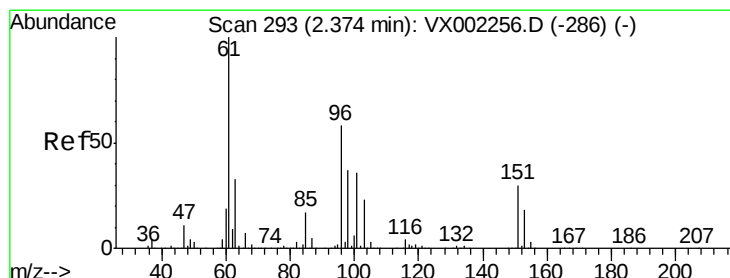
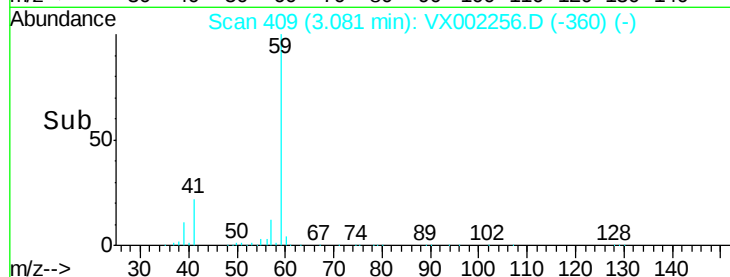
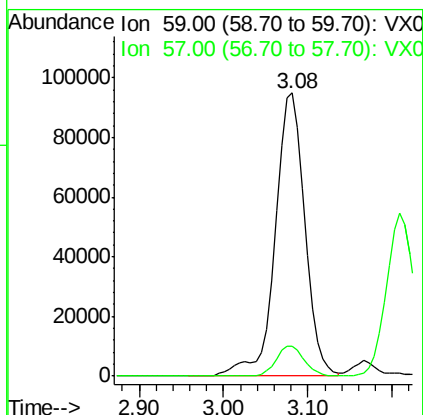
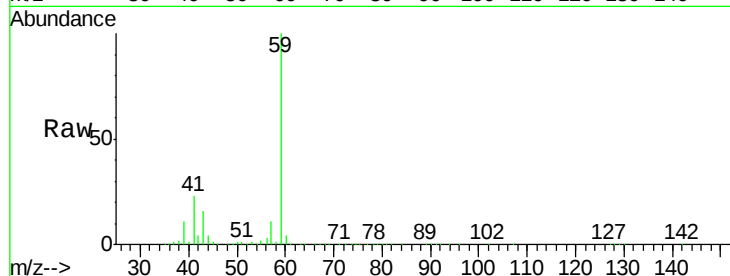


#11

Tert butyl alcohol
 Concen: 242.69 ug/l
 RT: 3.08 min Scan# 409
 Delta R.T. 0.00 min
 Lab File: VX002256.D
 Acq: 04 Jun 2018 11:26

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

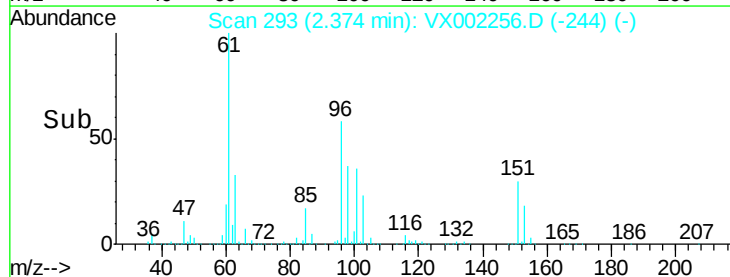
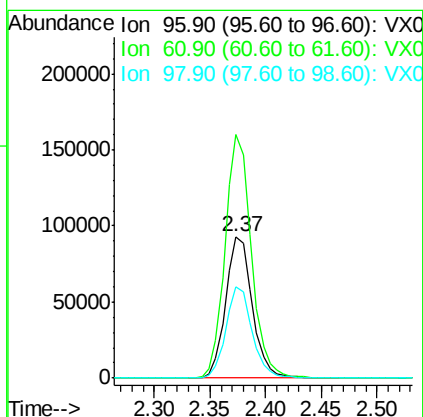
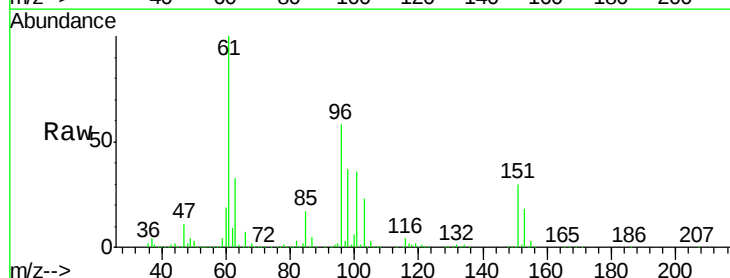
Tgt Ion: 59 Resp: 232423
 Ion Ratio Lower Upper
 59 100
 57 10.2 8.2 12.2

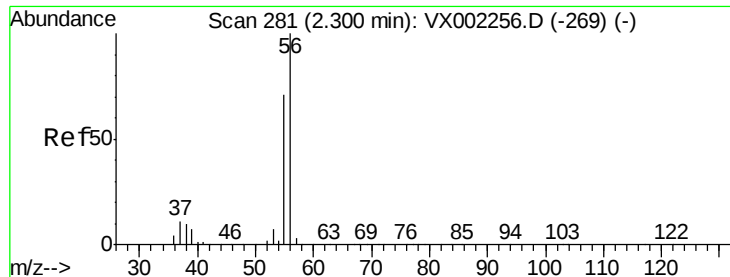


#12

1,1-Dichloroethene
 Concen: 48.32 ug/l
 RT: 2.37 min Scan# 293
 Delta R.T. 0.00 min
 Lab File: VX002256.D
 Acq: 04 Jun 2018 11:26

Tgt Ion: 96 Resp: 153723
 Ion Ratio Lower Upper
 96 100
 61 172.4 137.9 206.9
 98 64.5 51.6 77.4

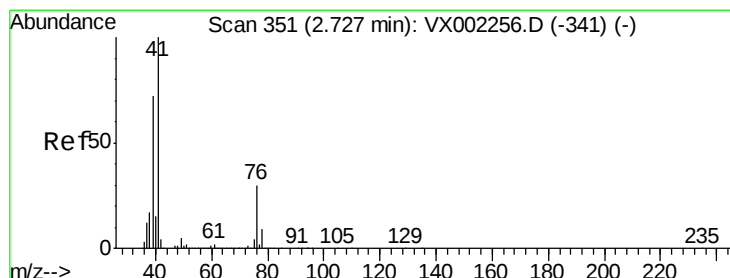
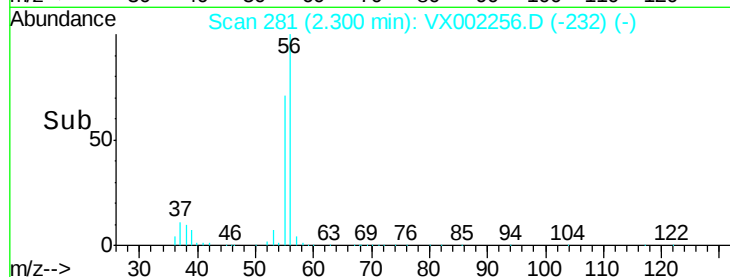
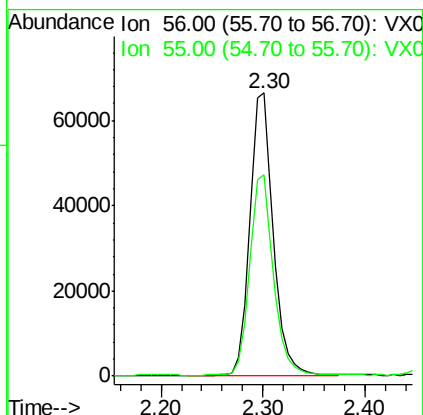
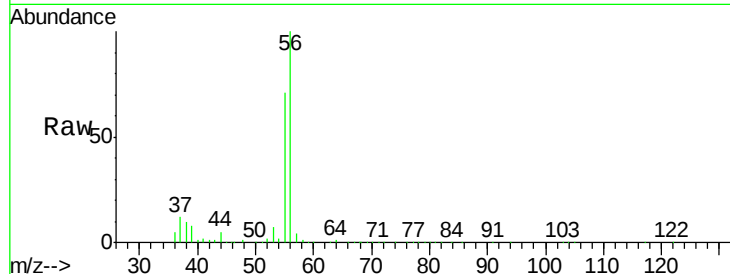




#13
Acrolein
Concen: 233.51 ug/l
RT: 2.30 min Scan# 281
Delta R.T. 0.00 min
Lab File: VX002256.D
Acq: 04 Jun 2018 11:26

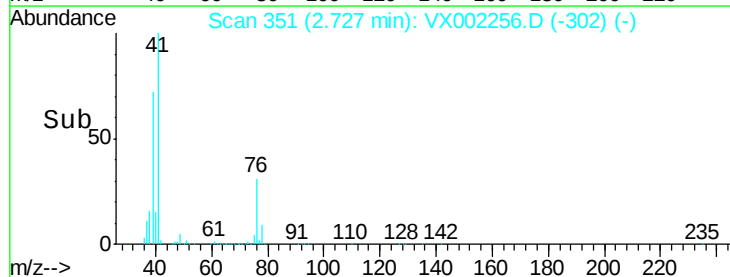
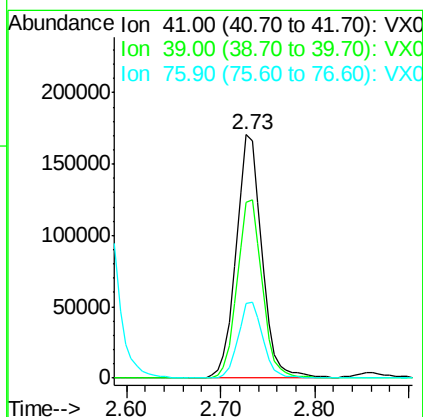
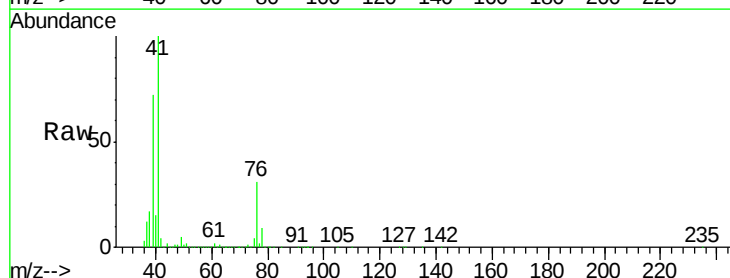
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 56 Resp: 107717
Ion Ratio Lower Upper
56 100
55 71.2 57.0 85.4



#14
Allyl chloride
Concen: 46.80 ug/l
RT: 2.73 min Scan# 351
Delta R.T. 0.00 min
Lab File: VX002256.D
Acq: 04 Jun 2018 11:26

Tgt Ion: 41 Resp: 323132
Ion Ratio Lower Upper
41 100
39 71.0 56.8 85.2
76 29.8 23.8 35.8





#15

Acrylonitrile

Concen: 232.51 ug/l

RT: 3.15 min Scan# 421

Delta R.T. 0.00 min

Lab File: VX002256.D

Acq: 04 Jun 2018 11:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

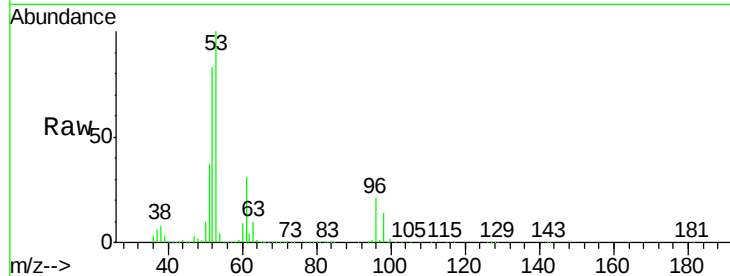
Tgt Ion: 53 Resp: 473956

Ion Ratio Lower Upper

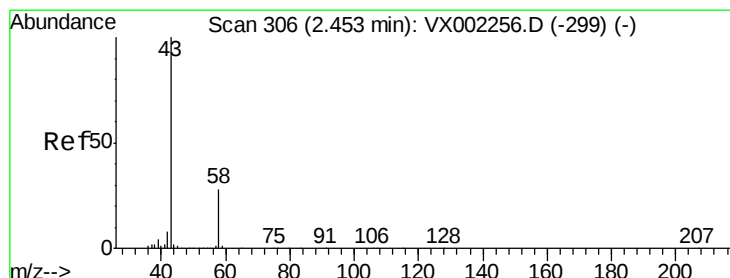
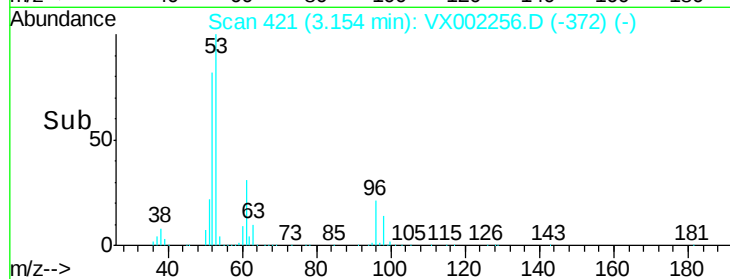
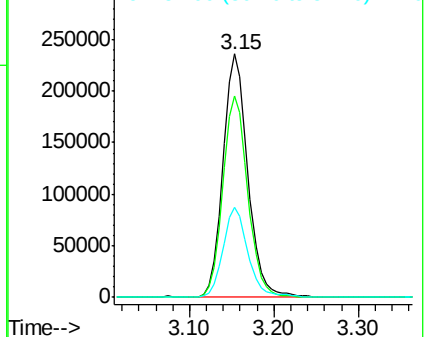
53 100

52 83.4 66.7 100.1

51 37.4 29.9 44.9



Abundance Ion 53.00 (52.70 to 53.70): VX0
Ion 52.00 (51.70 to 52.70): VX0
Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 232.92 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.00 min

Lab File: VX002256.D

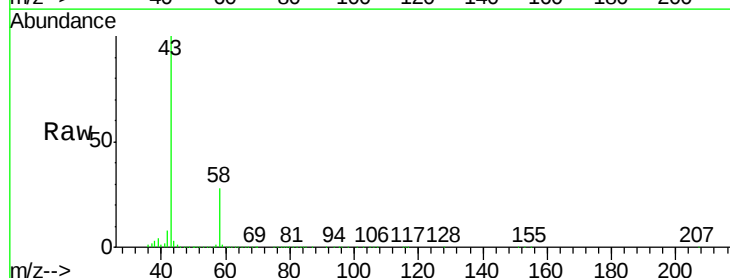
Acq: 04 Jun 2018 11:26

Tgt Ion: 43 Resp: 497779

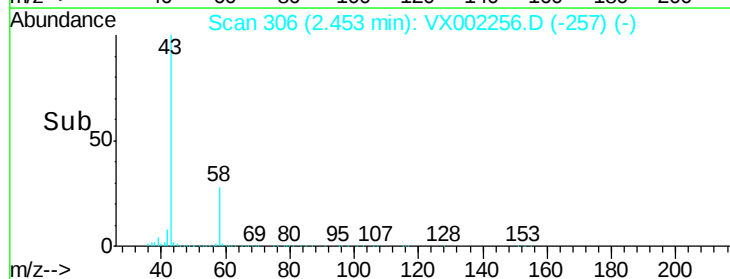
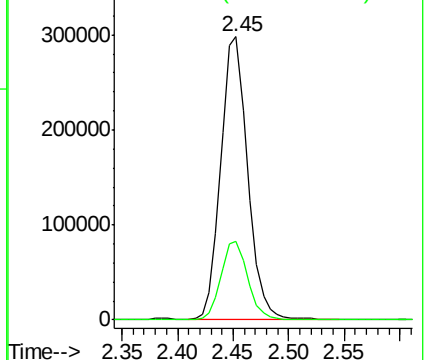
Ion Ratio Lower Upper

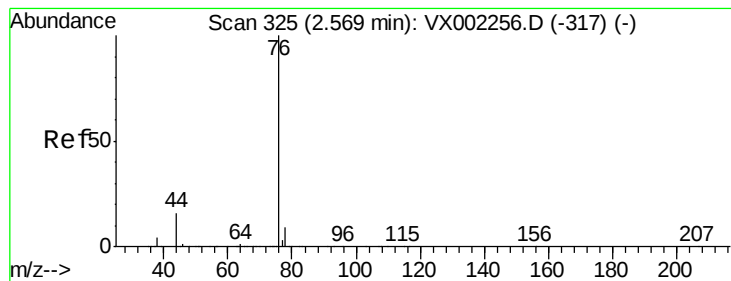
43 100

58 27.6 22.1 33.1



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 48.66 ug/l

RT: 2.57 min Scan# 325

Delta R.T. 0.00 min

Lab File: VX002256.D

Acq: 04 Jun 2018 11:26

Instrument :

MSVOA_X

ClientSampled :

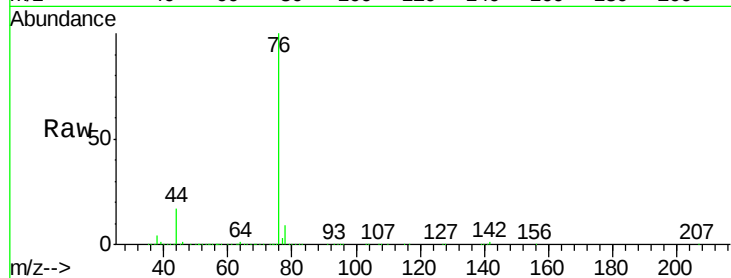
VSTDICCC050

Tgt Ion: 76 Resp: 408073

Ion Ratio Lower Upper

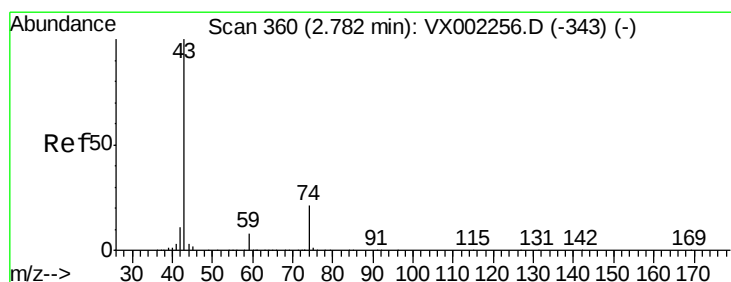
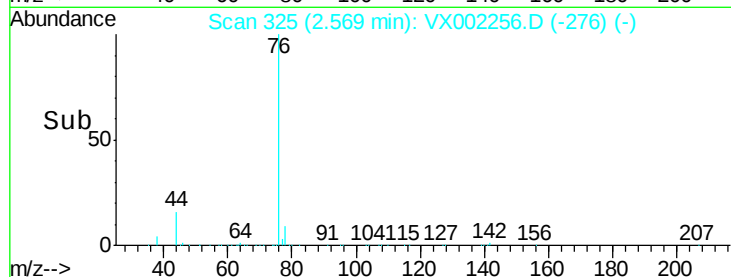
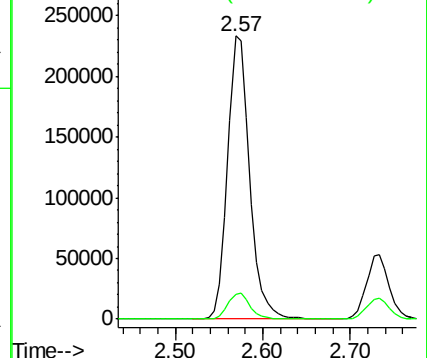
76 100

78 8.6 6.9 10.3



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 44.72 ug/l

RT: 2.78 min Scan# 360

Delta R.T. 0.00 min

Lab File: VX002256.D

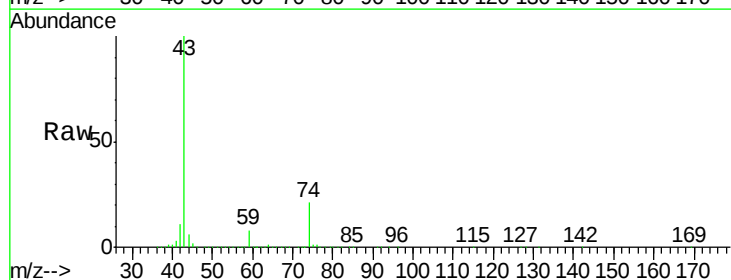
Acq: 04 Jun 2018 11:26

Tgt Ion: 43 Resp: 225472

Ion Ratio Lower Upper

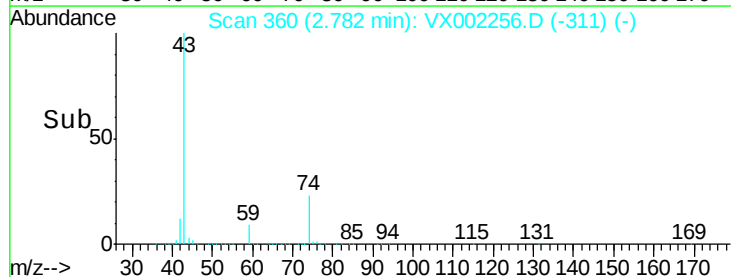
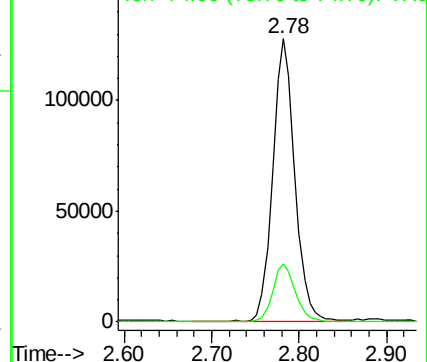
43 100

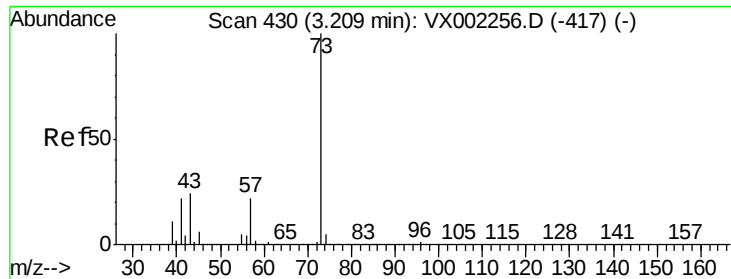
74 20.9 16.7 25.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

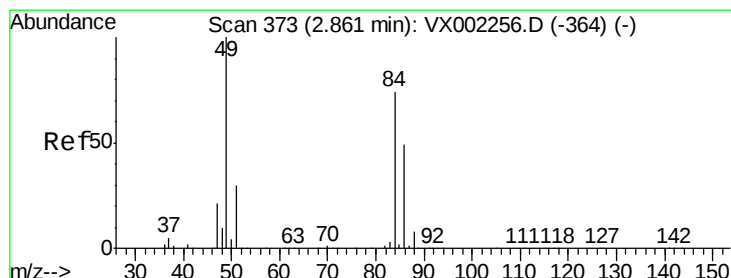
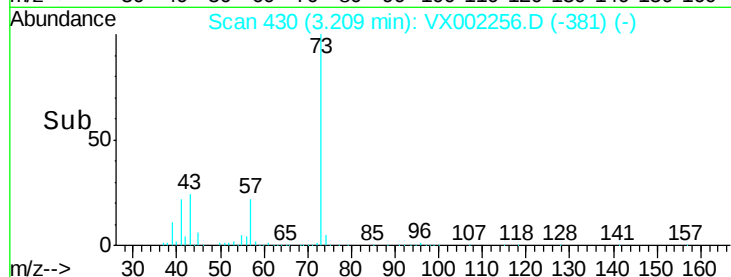
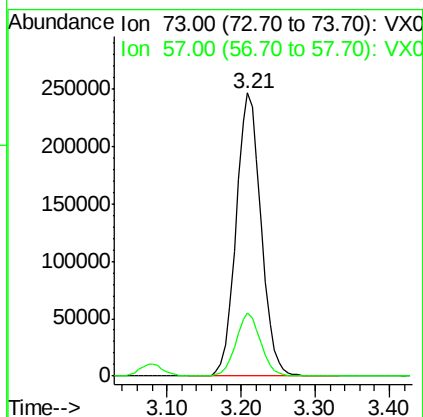
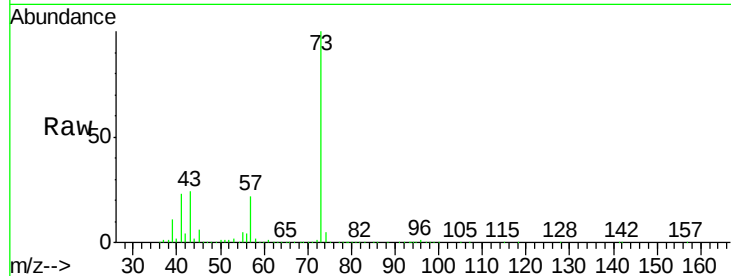




#19
Methyl tert-butyl Ether
Concen: 45.80 ug/l
RT: 3.21 min Scan# 430
Delta R.T. 0.00 min
Lab File: VX002256.D
Acq: 04 Jun 2018 11:26

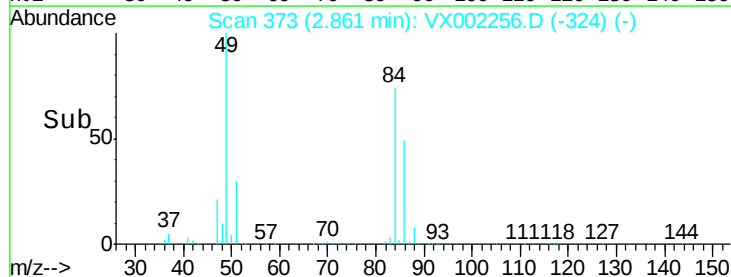
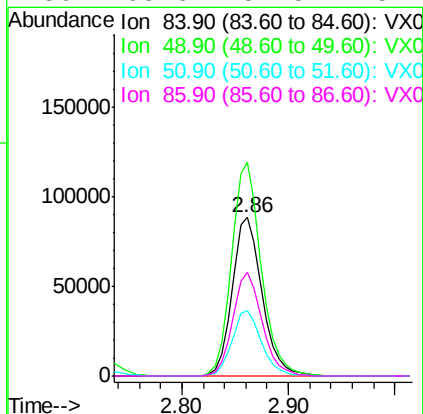
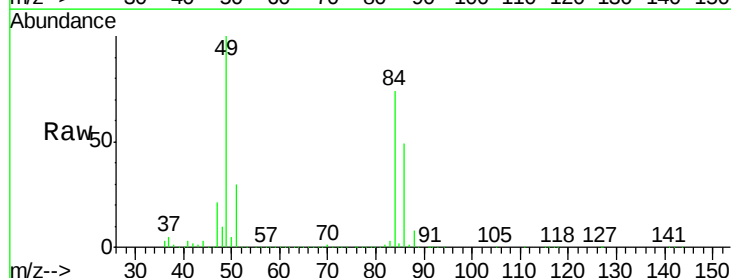
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

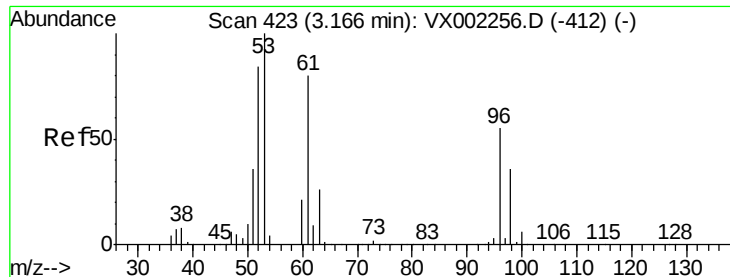
Tgt Ion: 73 Resp: 577220
Ion Ratio Lower Upper
73 100
57 22.1 17.7 26.5



#20
Methylene Chloride
Concen: 40.97 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.00 min
Lab File: VX002256.D
Acq: 04 Jun 2018 11:26

Tgt Ion: 84 Resp: 173974
Ion Ratio Lower Upper
84 100
49 134.7 107.8 161.6
51 41.0 32.8 49.2
86 65.6 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 47.00 ug/l

RT: 3.17 min Scan# 423

Delta R.T. 0.00 min

Lab File: VX002256.D

Acq: 04 Jun 2018 11:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

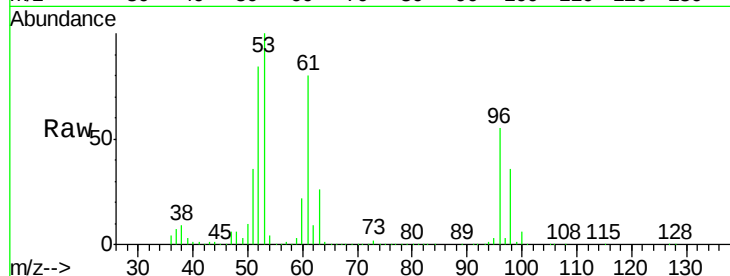
Tgt Ion: 96 Resp: 164887

Ion Ratio Lower Upper

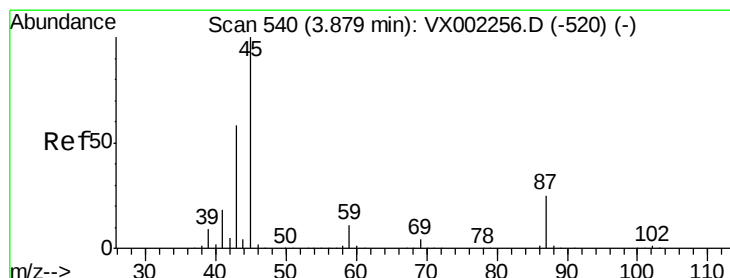
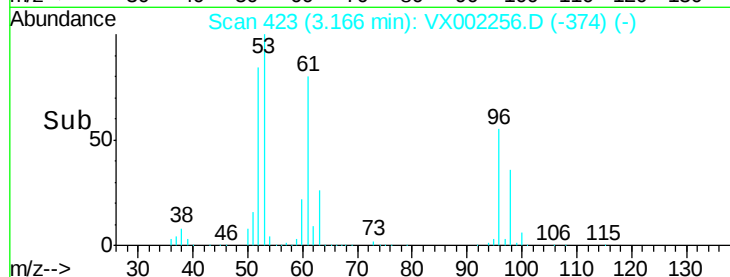
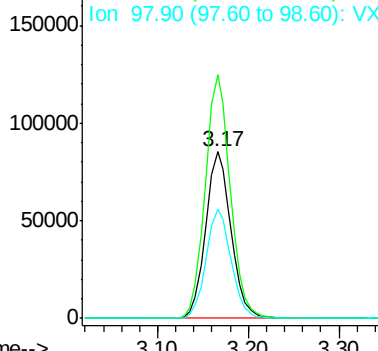
96 100

61 146.2 117.0 175.4

98 65.5 52.4 78.6



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: 45.65 ug/l

RT: 3.88 min Scan# 540

Delta R.T. 0.00 min

Lab File: VX002256.D

Acq: 04 Jun 2018 11:26

Tgt Ion: 45 Resp: 588106

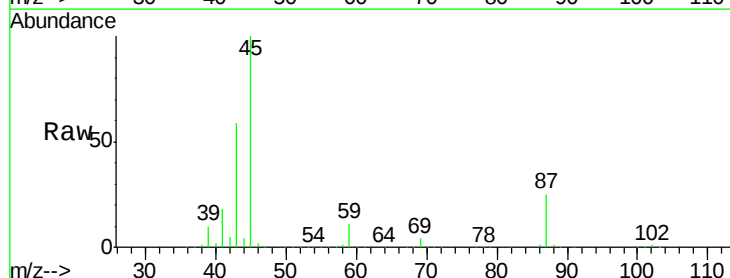
Ion Ratio Lower Upper

45 100

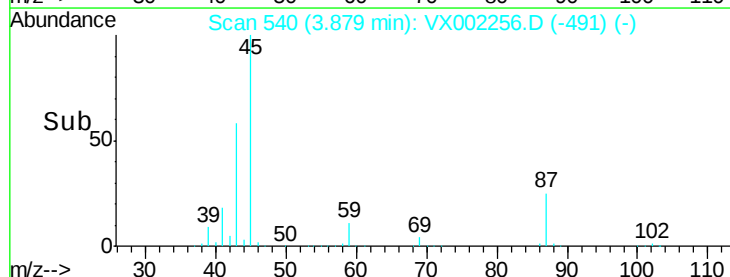
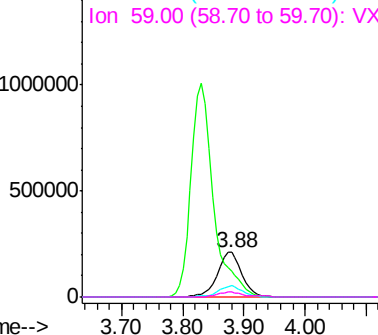
43 58.5 46.8 70.2

87 25.3 20.2 30.4

59 10.9 8.7 13.1



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: 230.78 ug/l

RT: 3.83 min Scan# 532

Delta R.T. 0.00 min

Lab File: VX002256.D

Acq: 04 Jun 2018 11:26

Instrument :

MSVOA_X

ClientSampleId :

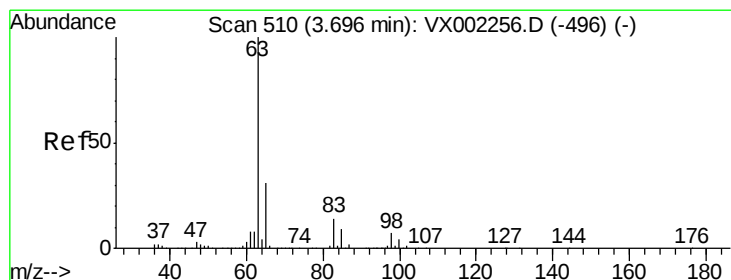
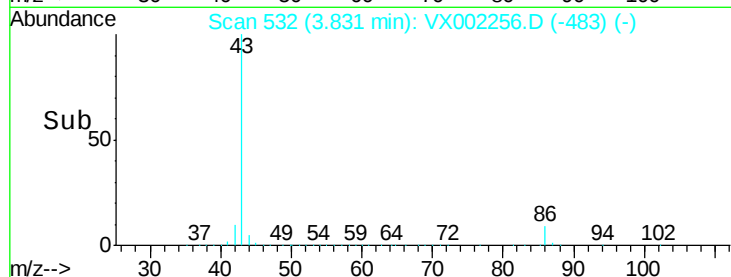
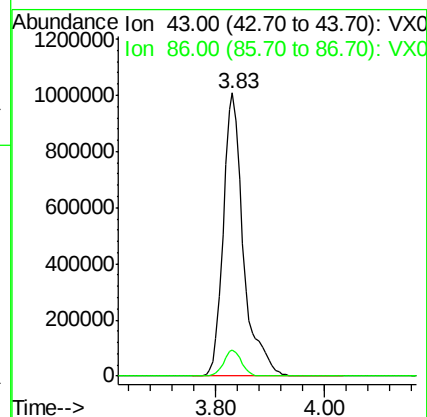
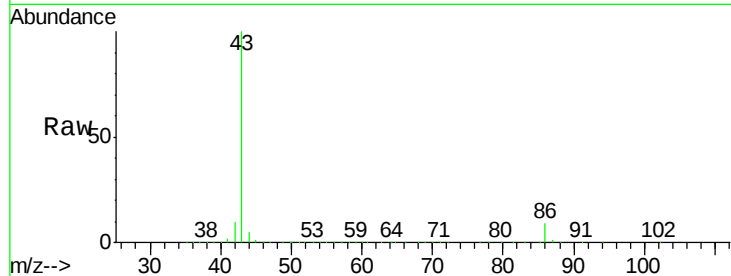
VSTDICCC050

Tgt Ion: 43 Resp: 2583103

Ion Ratio Lower Upper

43 100

86 9.2 7.4 11.0



#24

1,1-Dichloroethane

Concen: 47.18 ug/l

RT: 3.70 min Scan# 510

Delta R.T. 0.00 min

Lab File: VX002256.D

Acq: 04 Jun 2018 11:26

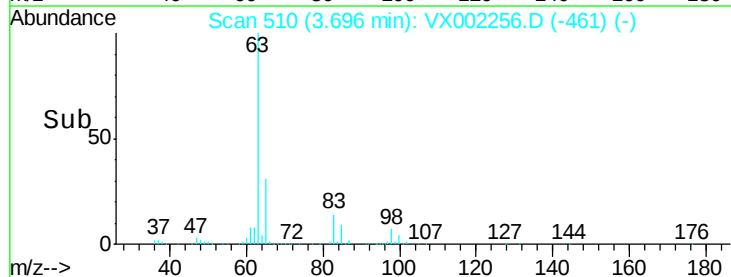
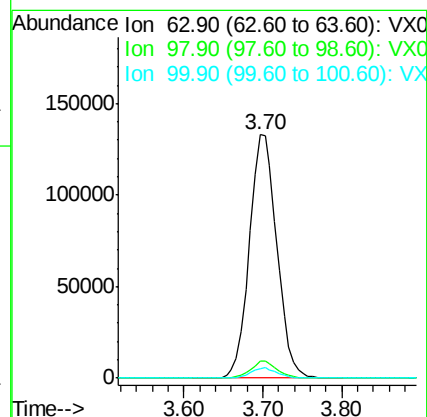
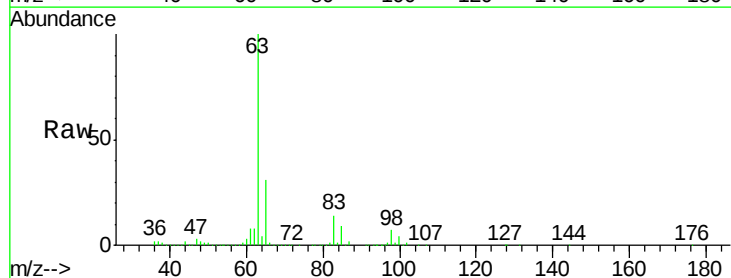
Tgt Ion: 63 Resp: 321966

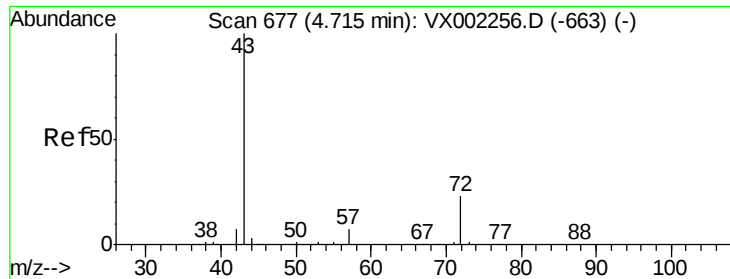
Ion Ratio Lower Upper

63 100

98 6.8 3.4 10.2

100 4.0 2.0 6.0





#25

2-Butanone

Concen: 236.19 ug/l

RT: 4.71 min Scan# 677

Delta R.T. 0.00 min

Lab File: VX002256.D

Acq: 04 Jun 2018 11:26

Instrument :

MSVOA_X

ClientSampled :

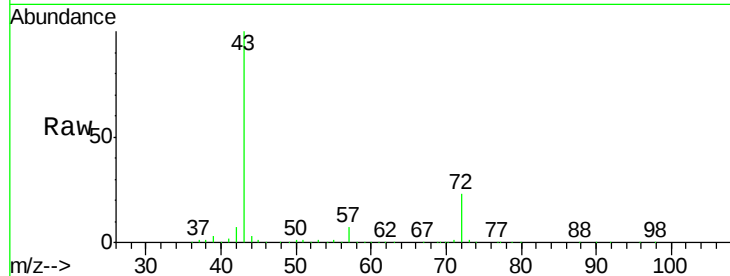
VSTDICCC050

Tgt Ion: 43 Resp: 692118

Ion Ratio Lower Upper

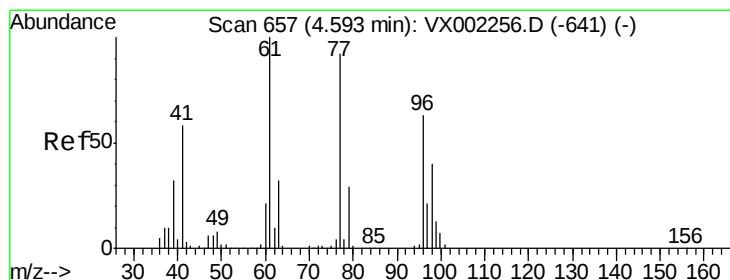
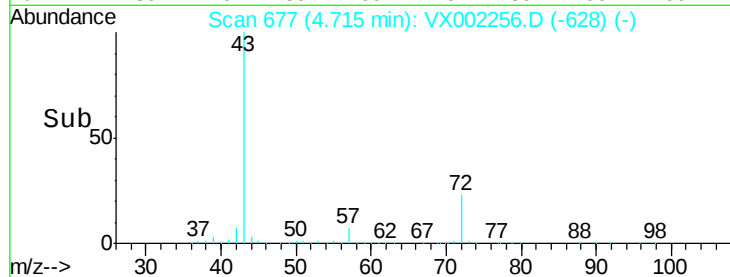
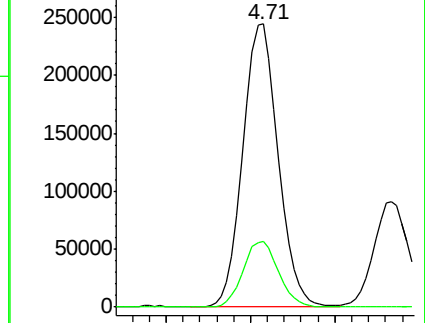
43 100

72 23.1 18.5 27.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 47.47 ug/l

RT: 4.59 min Scan# 657

Delta R.T. 0.00 min

Lab File: VX002256.D

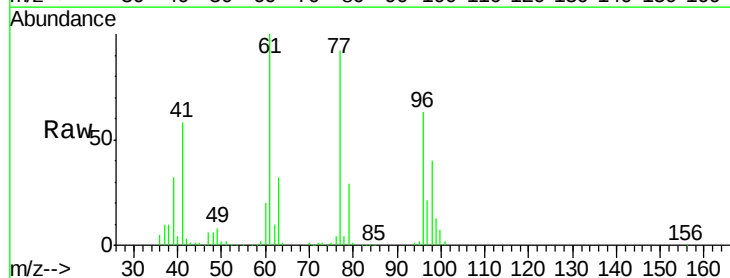
Acq: 04 Jun 2018 11:26

Tgt Ion: 77 Resp: 253225

Ion Ratio Lower Upper

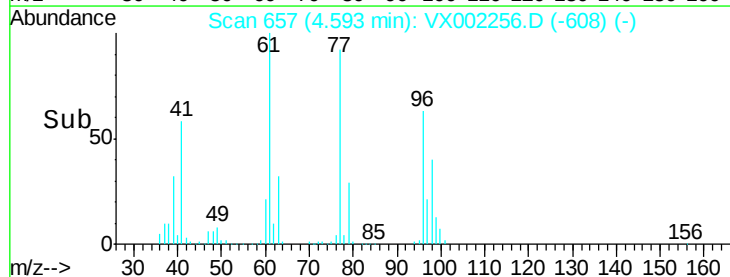
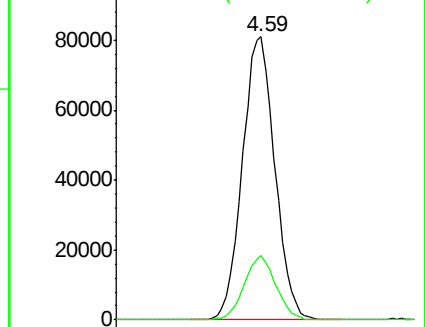
77 100

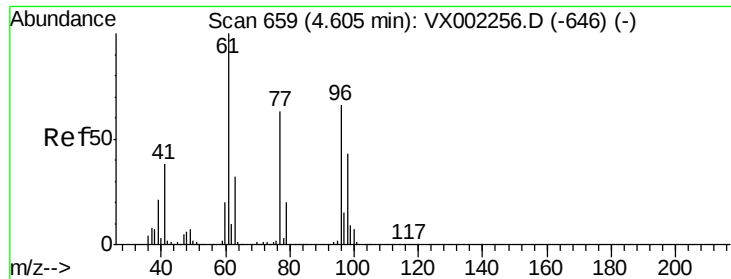
97 22.3 11.2 33.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0





#27

cis-1,2-Dichloroethene

Concen: 46.25 ug/l

RT: 4.60 min Scan# 659

Delta R.T. 0.00 min

Lab File: VX002256.D

Acq: 04 Jun 2018 11:26

Instrument :

MSVOA_X

ClientSampled :

VSTDICCC050

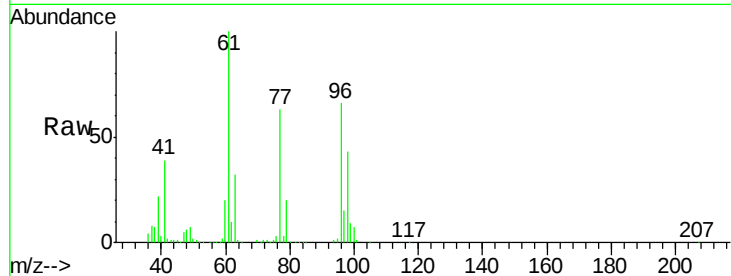
Tgt Ion: 96 Resp: 176487

Ion Ratio Lower Upper

96 100

61 165.1 0.0 330.2

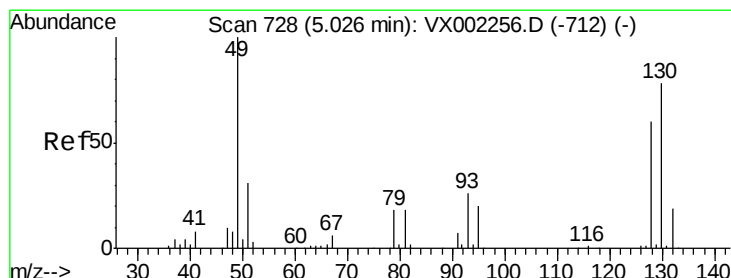
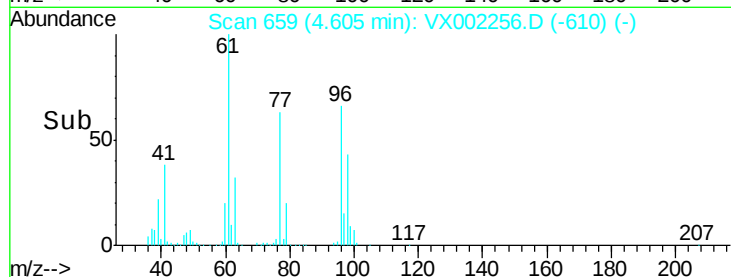
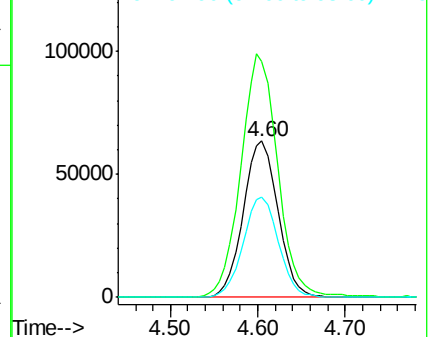
98 65.1 0.0 130.2



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: 48.07 ug/l

RT: 5.03 min Scan# 728

Delta R.T. 0.00 min

Lab File: VX002256.D

Acq: 04 Jun 2018 11:26

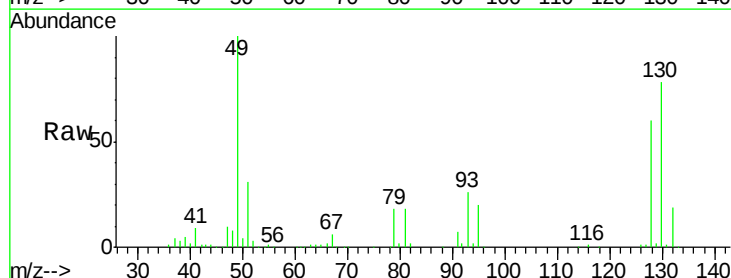
Tgt Ion: 49 Resp: 158831

Ion Ratio Lower Upper

49 100

129 2.1 0.0 4.2

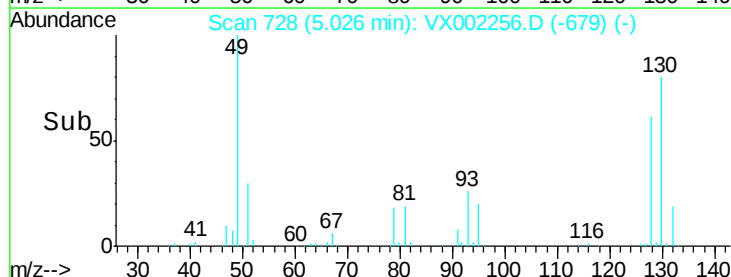
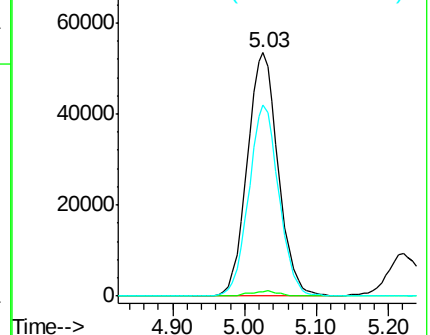
130 76.5 61.2 91.8

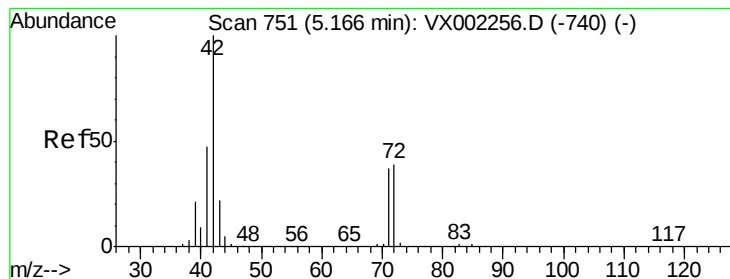


Abundance Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 233.28 ug/l

RT: 5.17 min Scan# 751

Delta R.T. 0.00 min

Lab File: VX002256.D

Acq: 04 Jun 2018 11:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

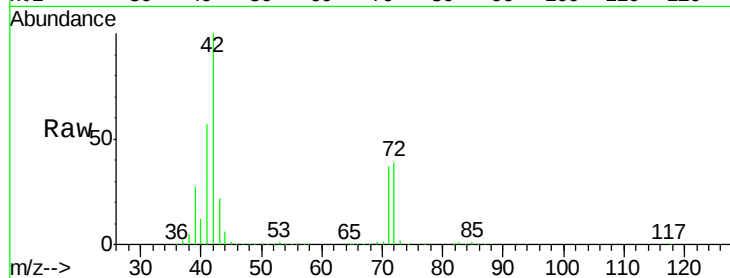
Tgt Ion: 42 Resp: 440736

Ion Ratio Lower Upper

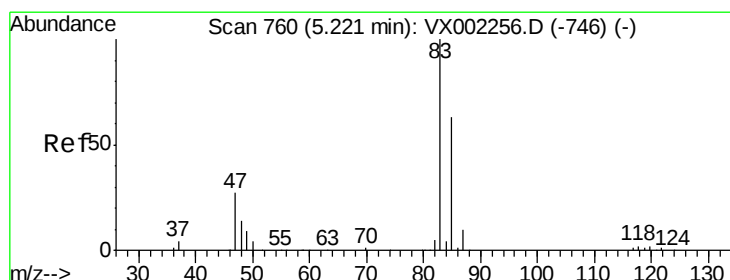
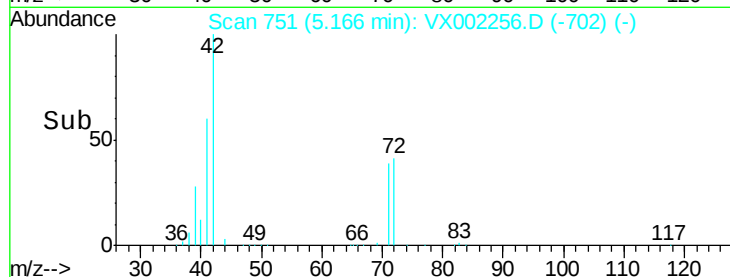
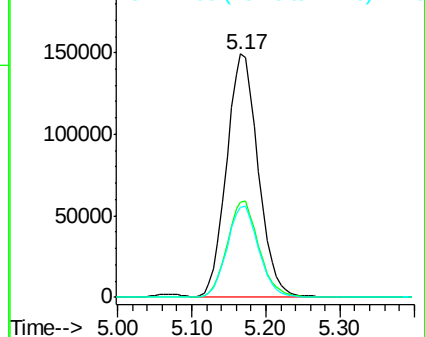
42 100

72 40.0 32.0 48.0

71 37.6 30.1 45.1



Abundance Ion 42.00 (41.70 to 42.70): VX0
Ion 72.00 (71.70 to 72.70): VX0
Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 46.79 ug/l

RT: 5.22 min Scan# 760

Delta R.T. 0.00 min

Lab File: VX002256.D

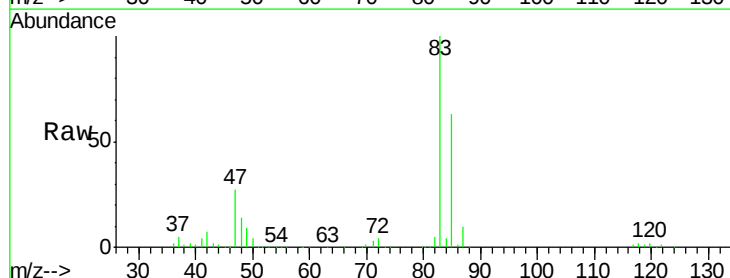
Acq: 04 Jun 2018 11:26

Tgt Ion: 83 Resp: 308122

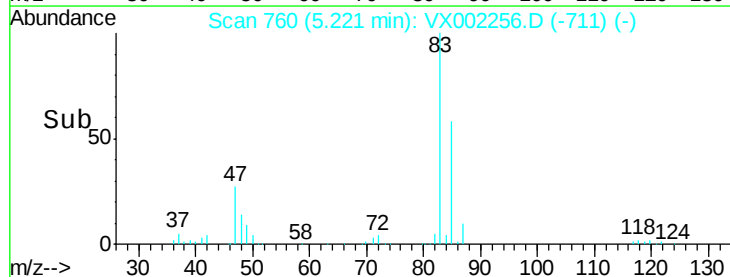
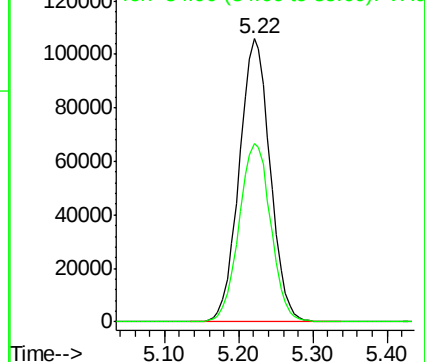
Ion Ratio Lower Upper

83 100

85 63.0 50.4 75.6



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 51.54 ug/l

RT: 5.58 min Scan# 819

Delta R.T. 0.00 min

Lab File: VX002256.D

Acq: 04 Jun 2018 11:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

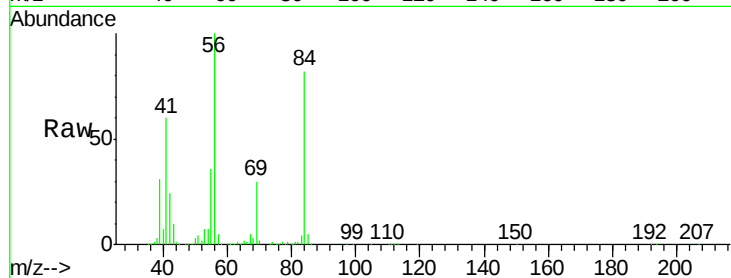
Tgt Ion: 56 Resp: 278095

Ion Ratio Lower Upper

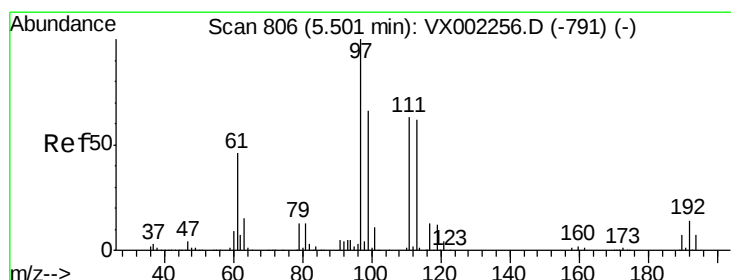
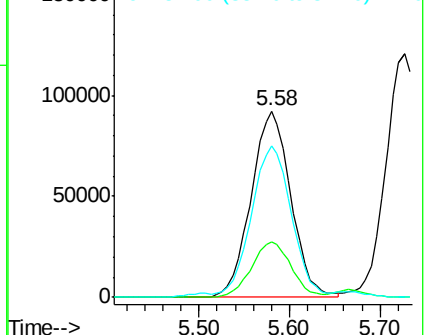
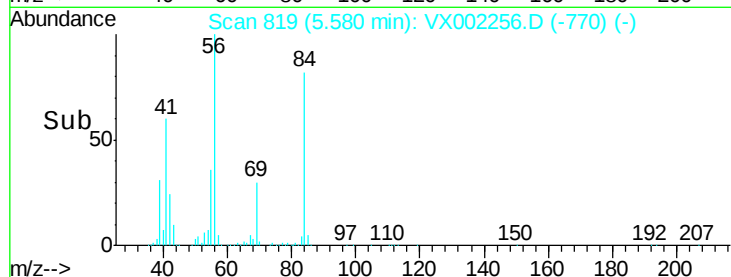
56 100

69 29.6 23.7 35.5

84 80.1 64.1 96.1



Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 49.72 ug/l

RT: 5.50 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX002256.D

Acq: 04 Jun 2018 11:26

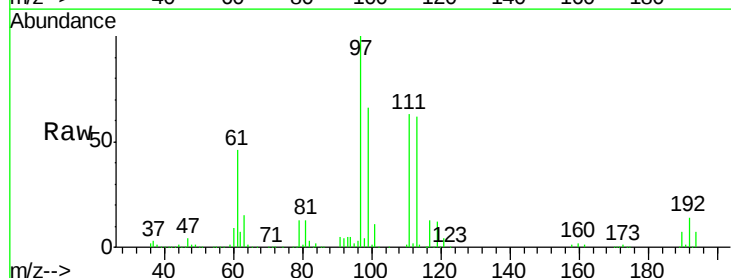
Tgt Ion: 97 Resp: 277657

Ion Ratio Lower Upper

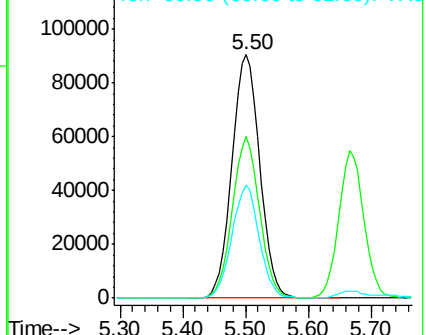
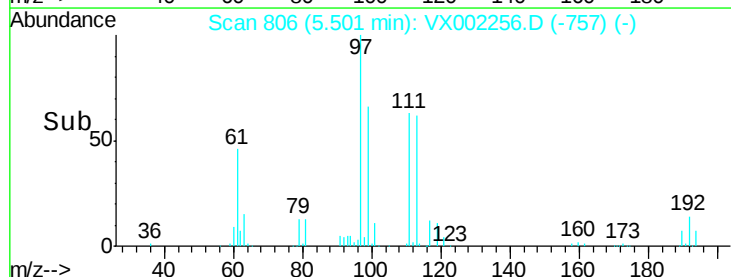
97 100

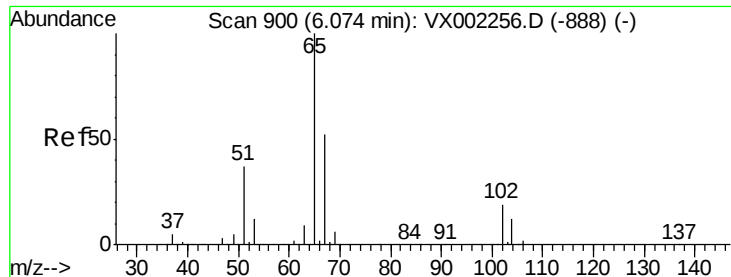
99 64.5 51.6 77.4

61 45.5 36.4 54.6



Abundance Ion 96.90 (96.60 to 97.60): VX0
Ion 98.90 (98.60 to 99.60): VX0
Ion 60.90 (60.60 to 61.60): VX0

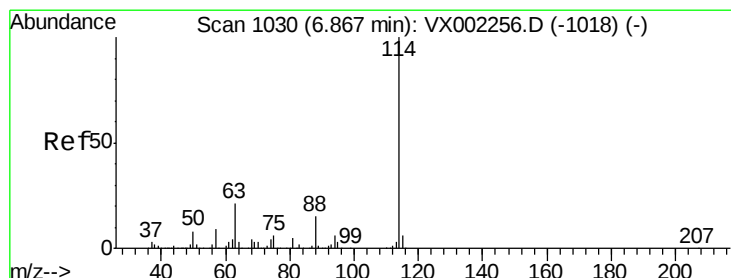
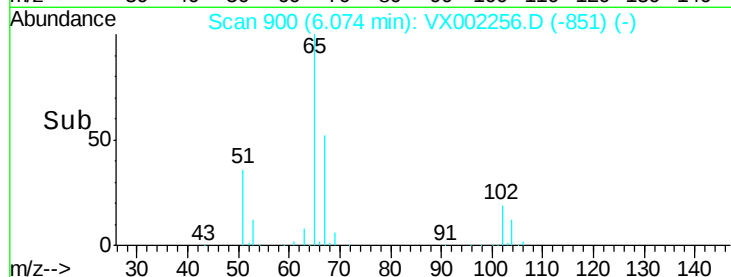
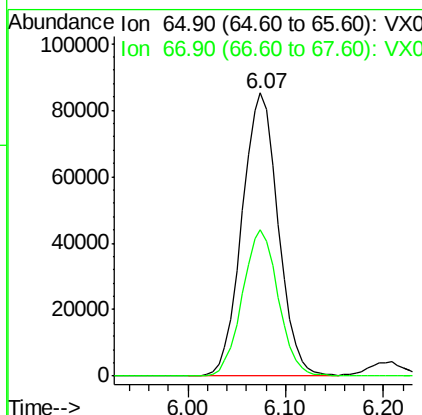
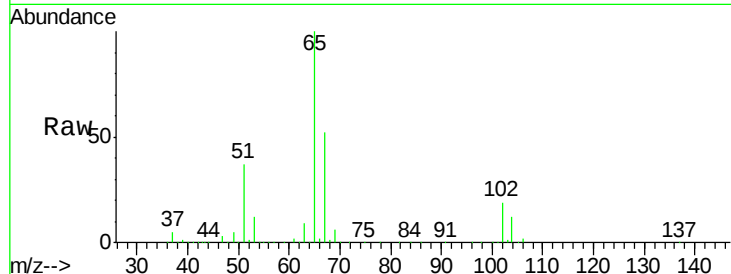




#33
 1,2-Dichloroethane-d4
 Concen: 47.12 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VX002256.D
 Acq: 04 Jun 2018 11:26

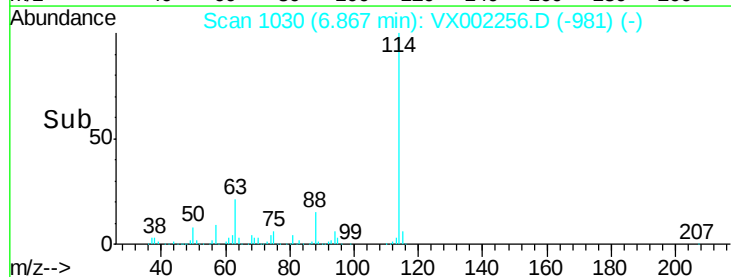
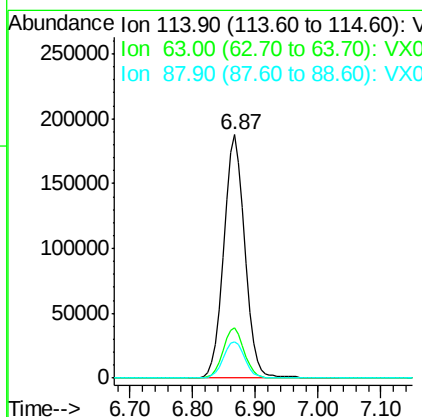
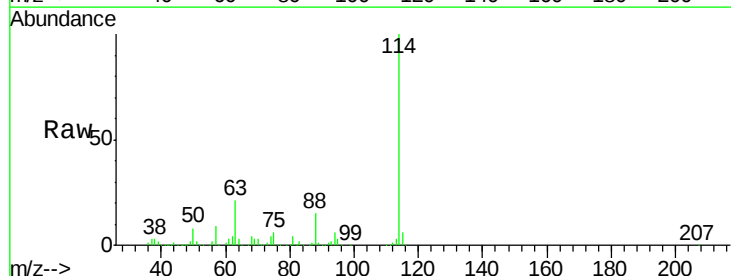
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tgt Ion: 65 Resp: 219050
 Ion Ratio Lower Upper
 65 100
 67 51.3 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX002256.D
 Acq: 04 Jun 2018 11:26

Tgt Ion: 114 Resp: 436396
 Ion Ratio Lower Upper
 114 100
 63 20.7 0.0 41.4
 88 15.0 0.0 30.0





#35

Dibromofluoromethane

Concen: 49.12 ug/l

RT: 5.51 min Scan# 807

Delta R.T. 0.00 min

Lab File: VX002256.D

Acq: 04 Jun 2018 11:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

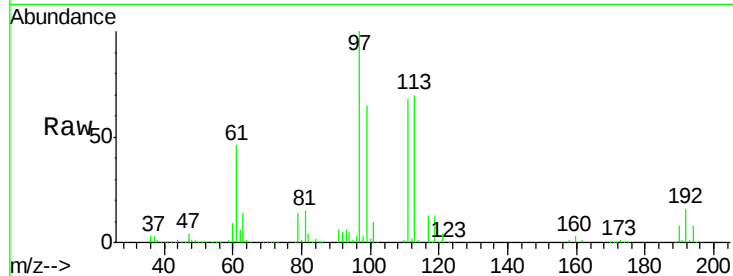
Tgt Ion:113 Resp: 168589

Ion Ratio Lower Upper

113 100

111 101.7 81.4 122.0

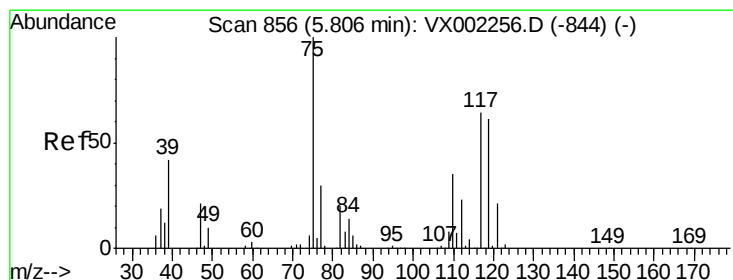
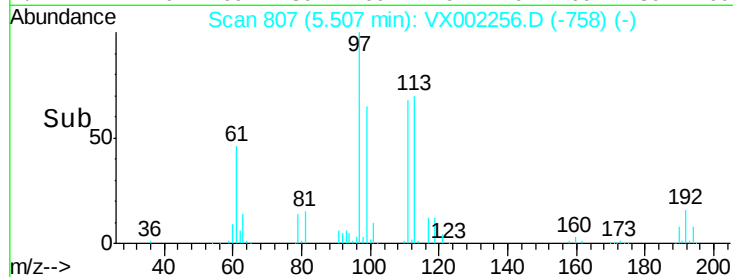
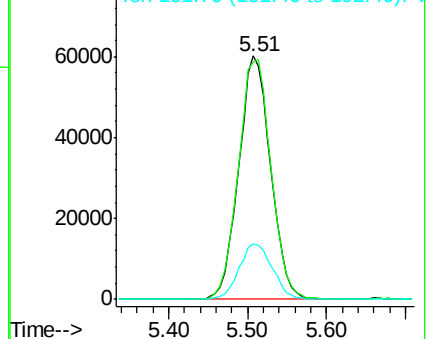
192 23.9 19.1 28.7



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 49.86 ug/l

RT: 5.81 min Scan# 856

Delta R.T. 0.00 min

Lab File: VX002256.D

Acq: 04 Jun 2018 11:26

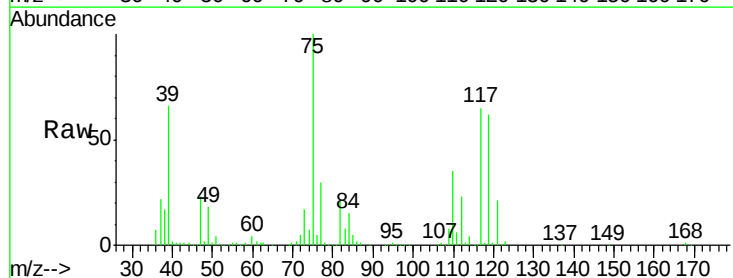
Tgt Ion: 75 Resp: 228737

Ion Ratio Lower Upper

75 100

110 36.3 18.1 54.4

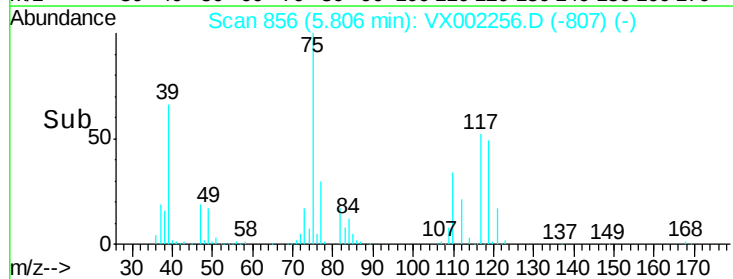
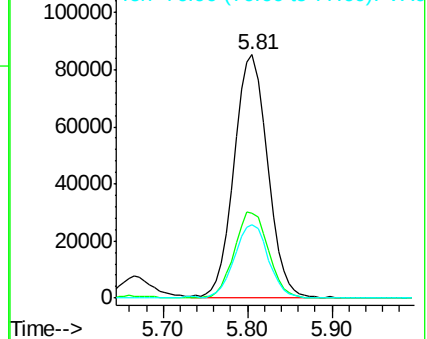
77 30.4 24.3 36.5

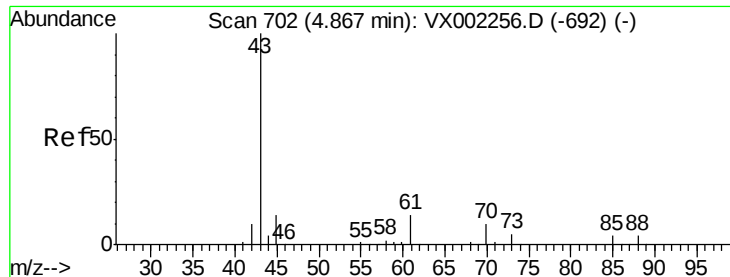


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

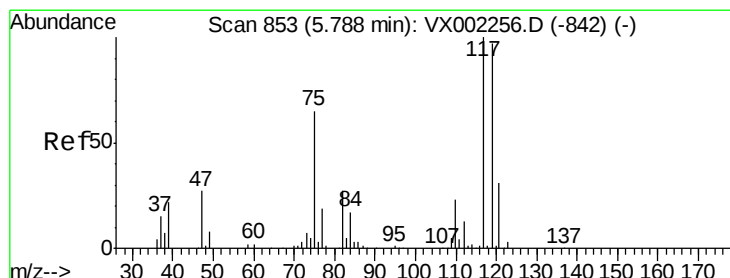
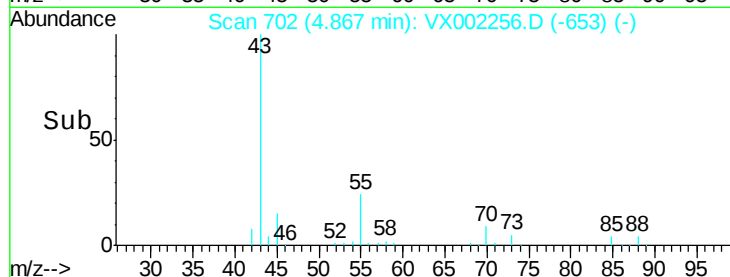
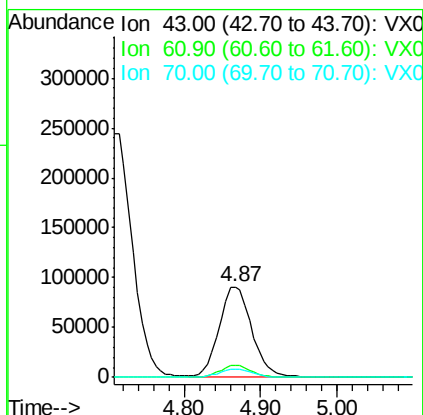
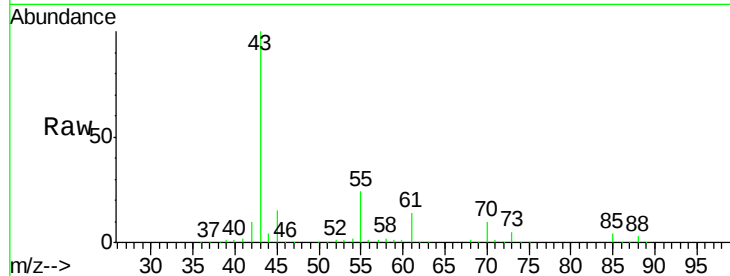




#37
Ethyl Acetate
Concen: 48.26 ug/l
RT: 4.87 min Scan# 702
Delta R.T. 0.00 min
Lab File: VX002256.D
Acq: 04 Jun 2018 11:26

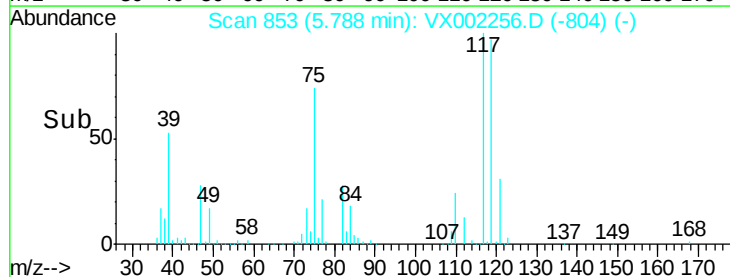
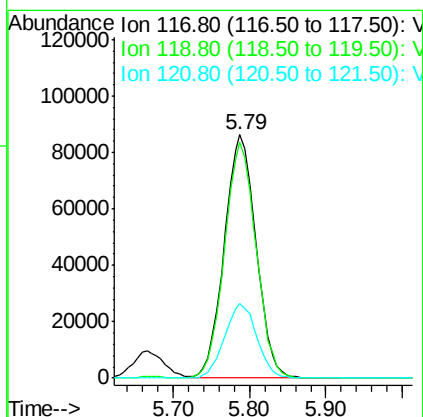
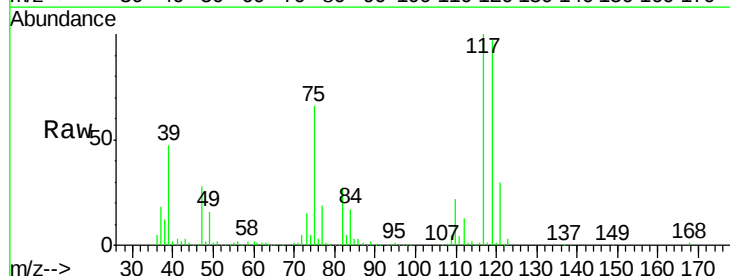
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

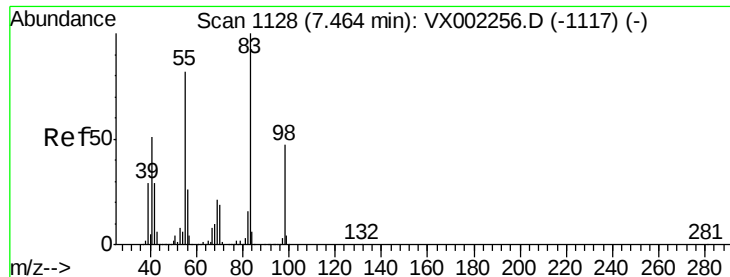
Tgt Ion: 43 Resp: 266254
Ion Ratio Lower Upper
43 100
61 13.0 10.4 15.6
70 9.5 7.6 11.4



#38
Carbon Tetrachloride
Concen: 51.48 ug/l
RT: 5.79 min Scan# 853
Delta R.T. 0.00 min
Lab File: VX002256.D
Acq: 04 Jun 2018 11:26

Tgt Ion: 117 Resp: 247086
Ion Ratio Lower Upper
117 100
119 96.7 77.4 116.0
121 30.5 24.4 36.6

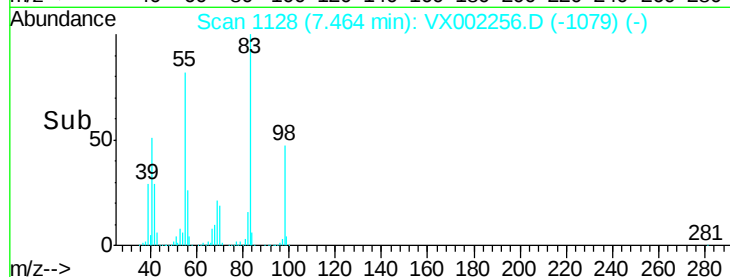
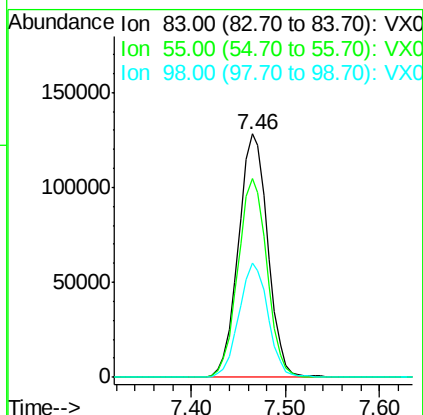
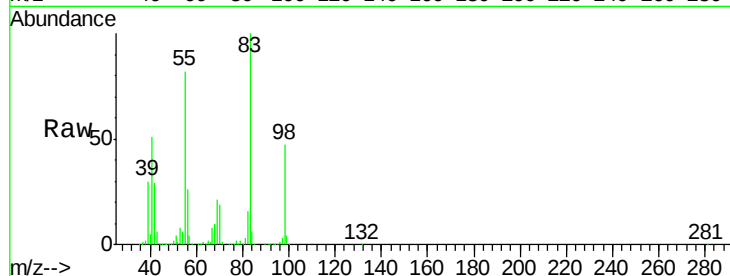




#39
Methylcyclohexane
Concen: 53.45 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VX002256.D
Acq: 04 Jun 2018 11:26

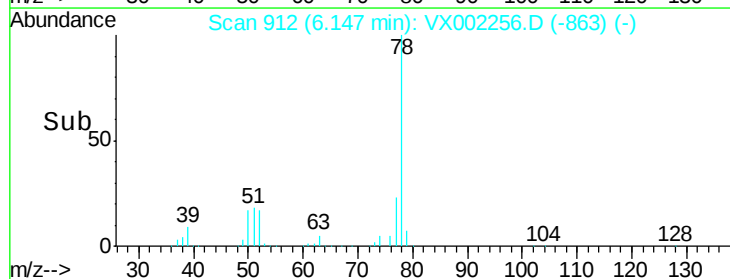
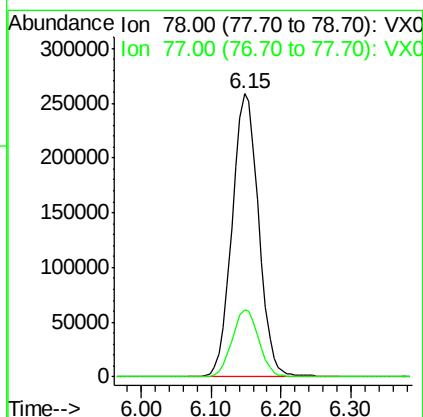
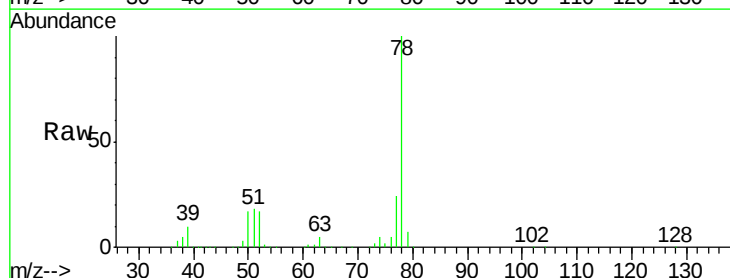
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 83 Resp: 279484
Ion Ratio Lower Upper
83 100
55 81.7 65.4 98.0
98 46.7 37.4 56.0



#40
Benzene
Concen: 48.50 ug/l
RT: 6.15 min Scan# 912
Delta R.T. 0.00 min
Lab File: VX002256.D
Acq: 04 Jun 2018 11:26

Tgt Ion: 78 Resp: 682223
Ion Ratio Lower Upper
78 100
77 23.9 19.1 28.7

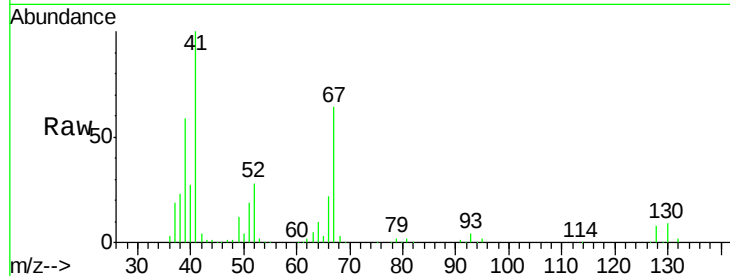




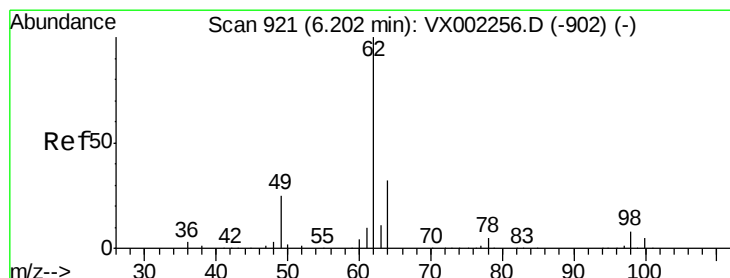
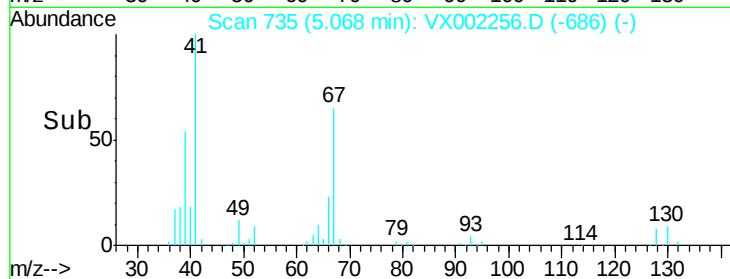
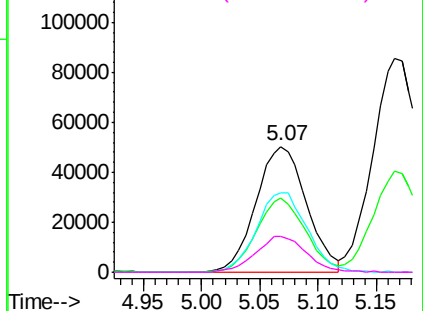
#41
Methacrylonitrile
Concen: 47.68 ug/l
RT: 5.07 min Scan# 735
Delta R.T. 0.00 min
Lab File: VX002256.D
Acq: 04 Jun 2018 11:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion:	41	Resp:	150601
Ion	Ratio	Lower	Upper
41	100		
39	57.2	45.8	68.6
67	64.1	51.3	76.9
52	28.8	23.0	34.6

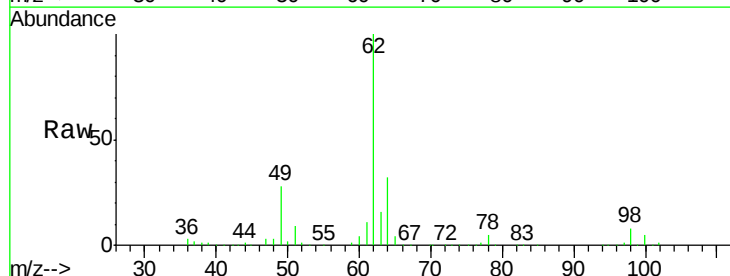


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

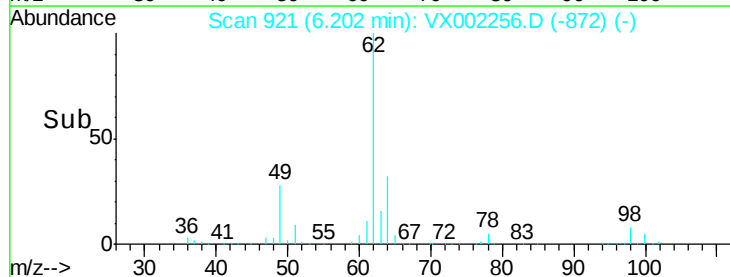
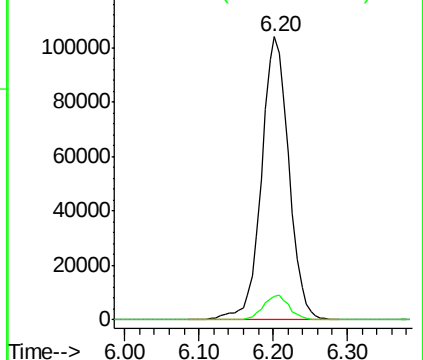


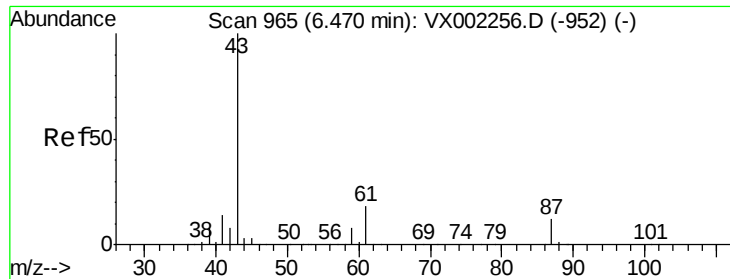
#42
1,2-Dichloroethane
Concen: 47.89 ug/l
RT: 6.20 min Scan# 921
Delta R.T. 0.00 min
Lab File: VX002256.D
Acq: 04 Jun 2018 11:26

Tgt Ion:	62	Resp:	267643
Ion	Ratio	Lower	Upper
62	100		
98	8.3	0.0	16.6



Abundance Ion 61.90 (61.60 to 62.60): VX0
Ion 97.90 (97.60 to 98.60): VX0

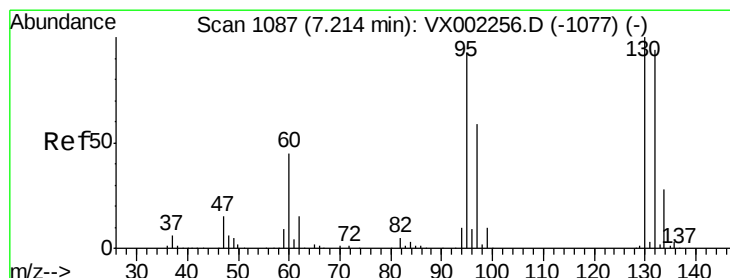
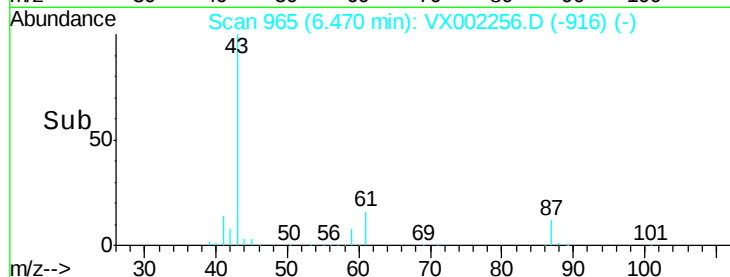
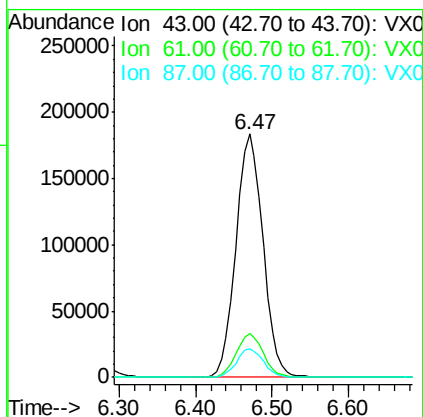
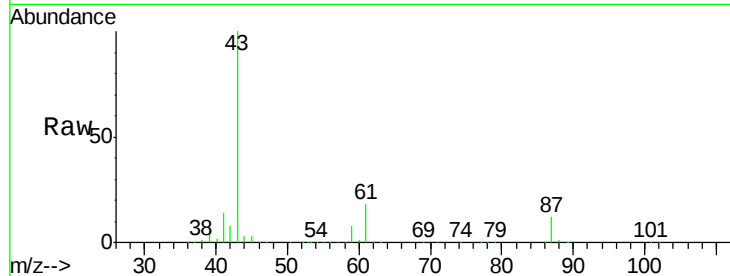




#43
Isopropyl Acetate
Concen: 47.92 ug/l
RT: 6.47 min Scan# 965
Delta R.T. 0.00 min
Lab File: VX002256.D
Acq: 04 Jun 2018 11:26

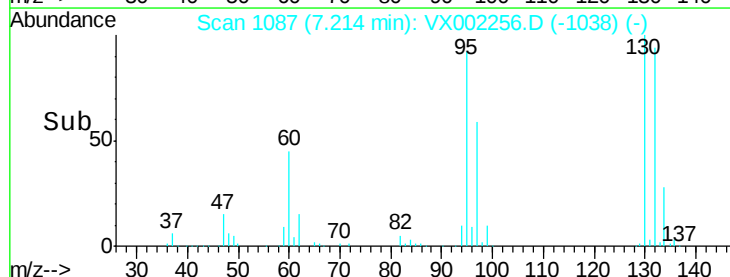
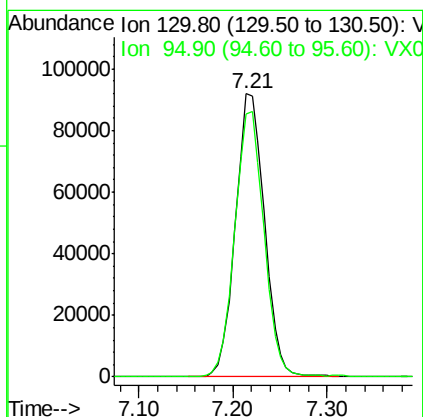
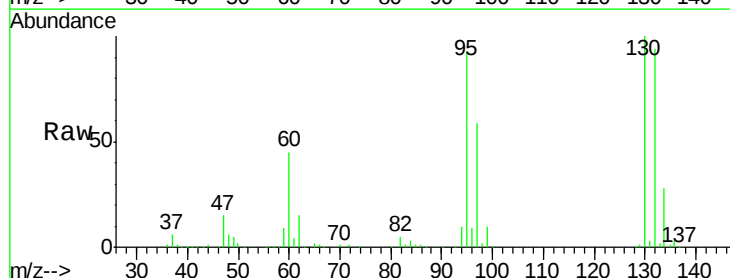
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

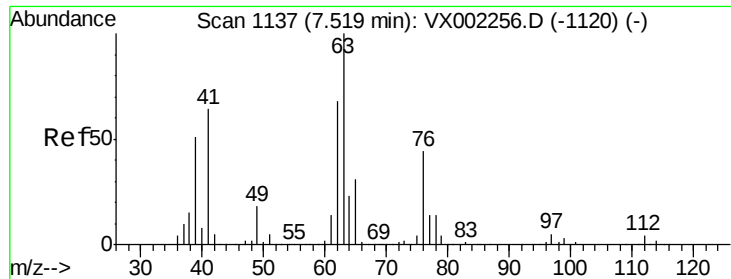
Tgt Ion: 43 Resp: 449074
Ion Ratio Lower Upper
43 100
61 18.0 14.4 21.6
87 11.9 9.5 14.3



#44
Trichloroethene
Concen: 50.57 ug/l
RT: 7.21 min Scan# 1087
Delta R.T. 0.00 min
Lab File: VX002256.D
Acq: 04 Jun 2018 11:26

Tgt Ion: 130 Resp: 197429
Ion Ratio Lower Upper
130 100
95 92.7 0.0 185.4

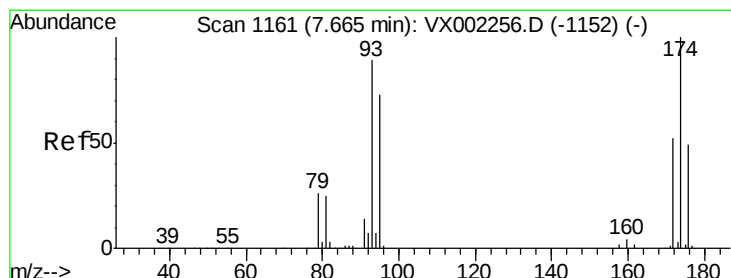
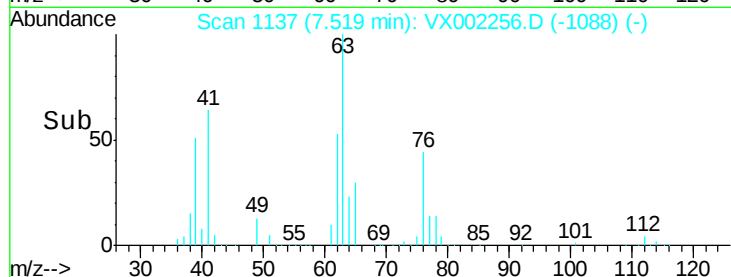
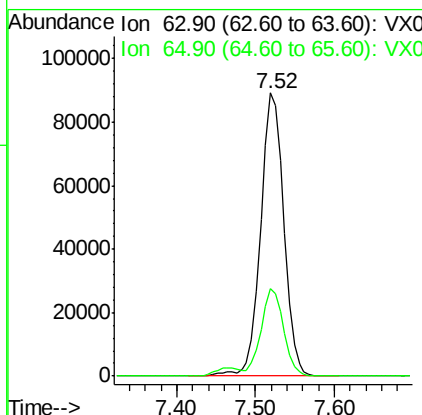
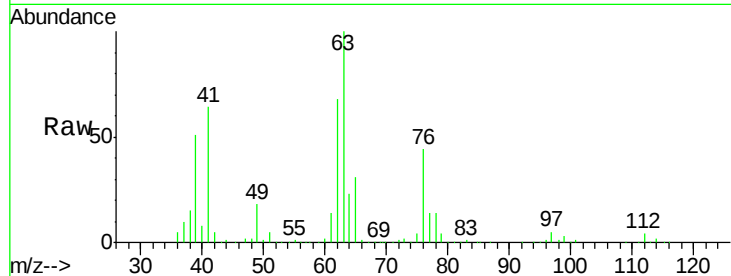




#45
 1,2-Dichloropropane
 Concen: 48.26 ug/l
 RT: 7.52 min Scan# 1137
 Delta R.T. 0.00 min
 Lab File: VX002256.D
 Acq: 04 Jun 2018 11:26

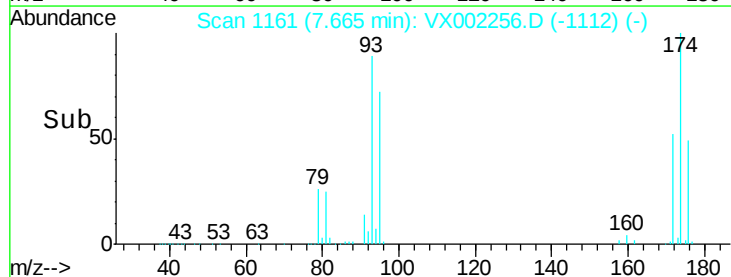
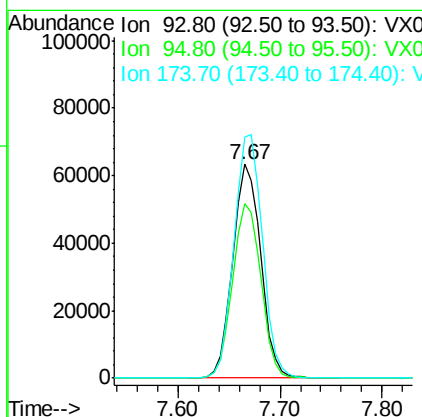
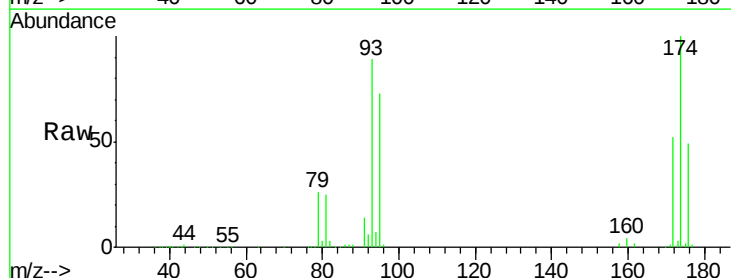
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

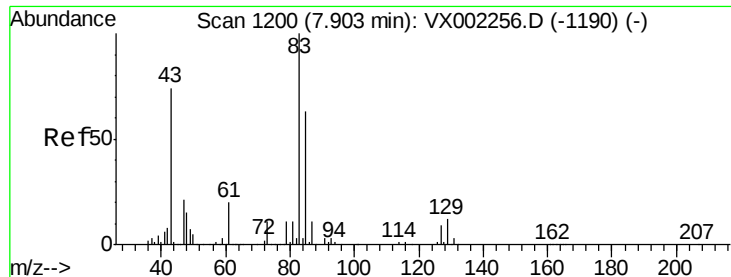
Tgt Ion: 63 Resp: 183257
 Ion Ratio Lower Upper
 63 100
 65 30.9 24.7 37.1



#46
 Dibromomethane
 Concen: 46.85 ug/l
 RT: 7.67 min Scan# 1161
 Delta R.T. 0.00 min
 Lab File: VX002256.D
 Acq: 04 Jun 2018 11:26

Tgt Ion: 93 Resp: 120598
 Ion Ratio Lower Upper
 93 100
 95 82.4 65.9 98.9
 174 115.5 92.4 138.6

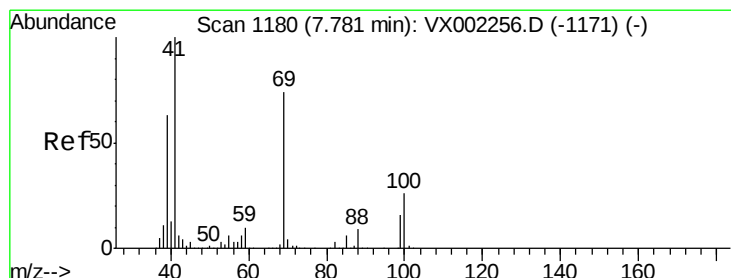
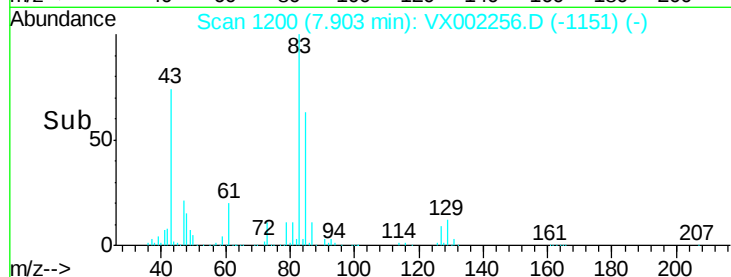
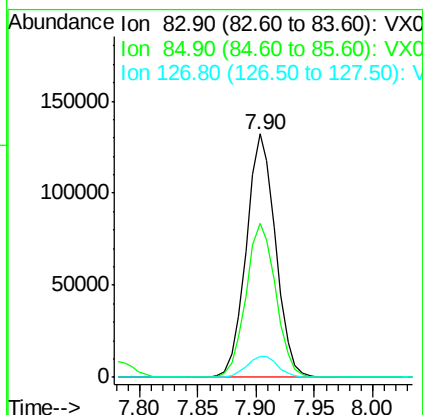
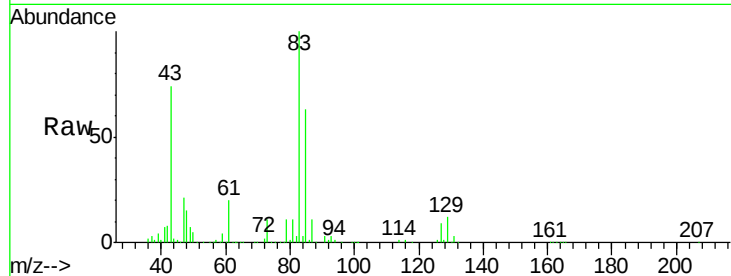




#47
 Bromodichloromethane
 Concen: 49.90 ug/l
 RT: 7.90 min Scan# 1200
 Delta R.T. 0.00 min
 Lab File: VX002256.D
 Acq: 04 Jun 2018 11:26

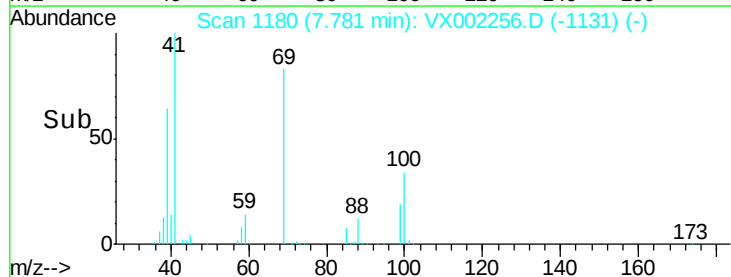
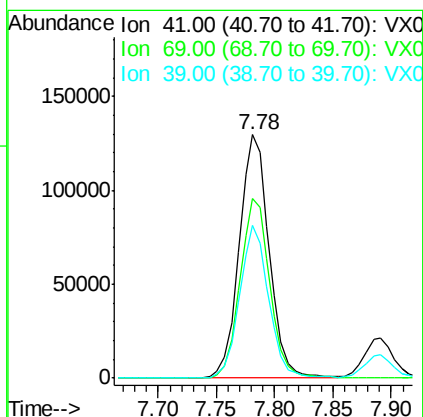
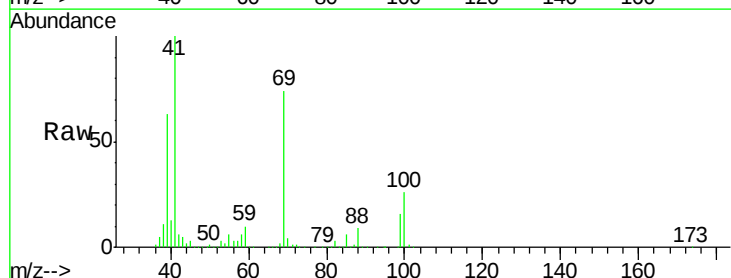
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

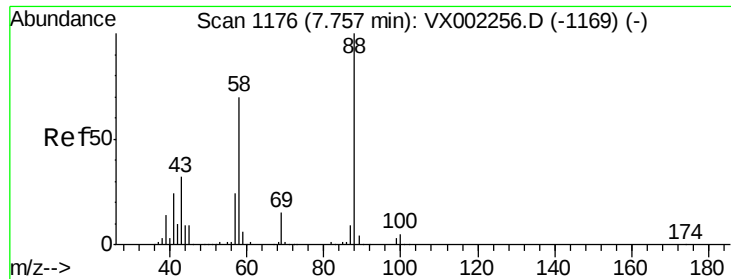
Tgt Ion: 83 Resp: 232344
 Ion Ratio Lower Upper
 83 100
 85 62.9 50.3 75.5
 127 8.7 7.0 10.4



#48
 Methyl methacrylate
 Concen: 49.00 ug/l
 RT: 7.78 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: VX002256.D
 Acq: 04 Jun 2018 11:26

Tgt Ion: 41 Resp: 230674
 Ion Ratio Lower Upper
 41 100
 69 73.9 59.1 88.7
 39 61.1 48.9 73.3

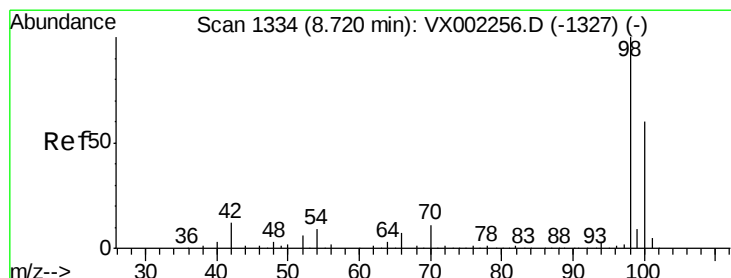
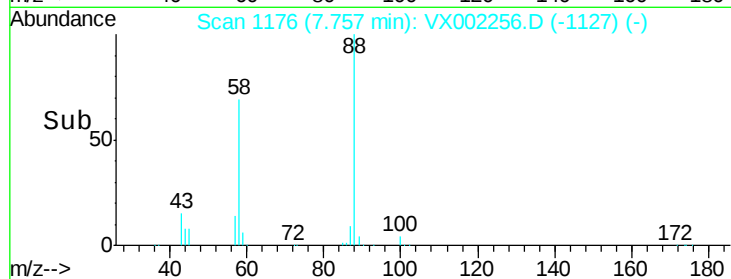
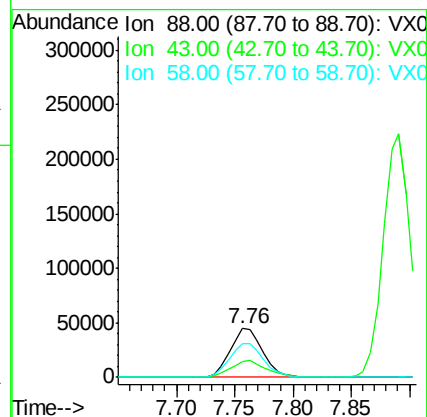
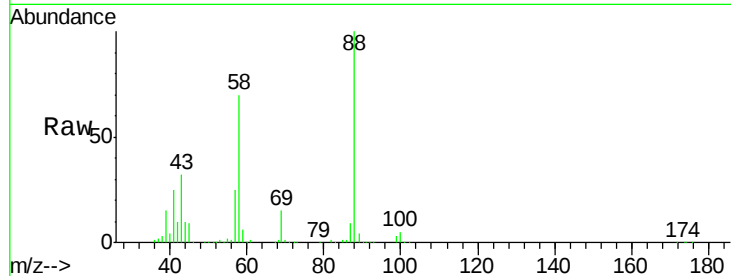




#49
1,4-Dioxane
Concen: 984.44 ug/l
RT: 7.76 min Scan# 1176
Delta R.T. 0.00 min
Lab File: VX002256.D
Acq: 04 Jun 2018 11:26

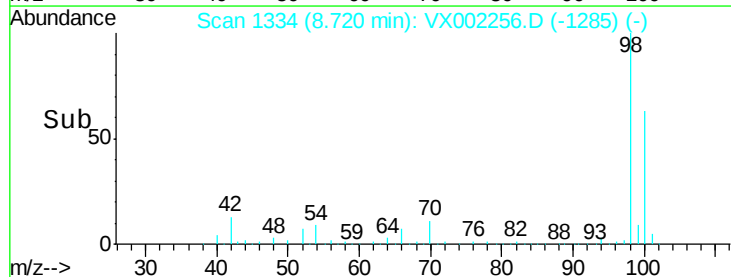
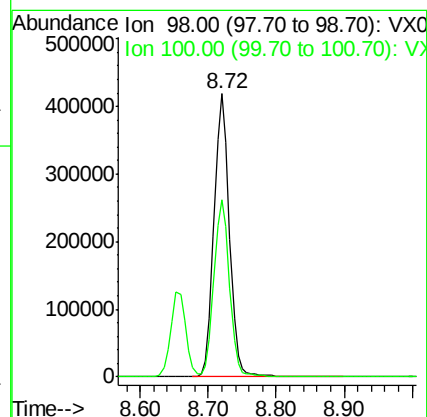
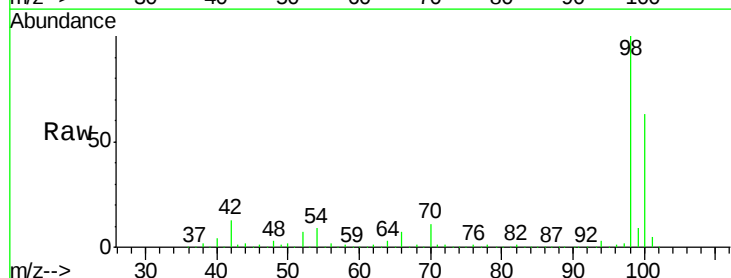
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 88 Resp: 86645
Ion Ratio Lower Upper
88 100
43 37.2 29.8 44.6
58 71.4 57.1 85.7



#50
Toluene-d8
Concen: 50.12 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX002256.D
Acq: 04 Jun 2018 11:26

Tgt Ion: 98 Resp: 659241
Ion Ratio Lower Upper
98 100
100 63.6 50.9 76.3





#51

4-Methyl-2-Pentanone

Concen: 245.89 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. 0.00 min

Lab File: VX002256.D

Acq: 04 Jun 2018 11:26

Instrument :

MSVOA_X

ClientSampleId :

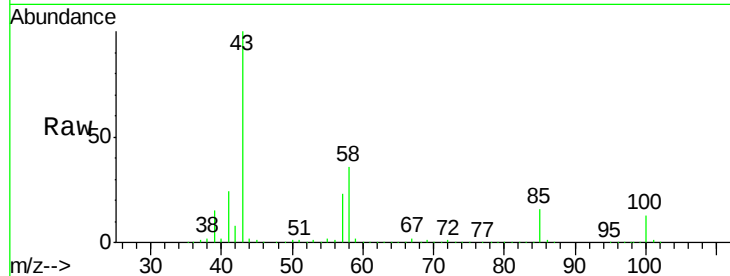
VSTDICCC050

Tgt Ion: 43 Resp: 1435007

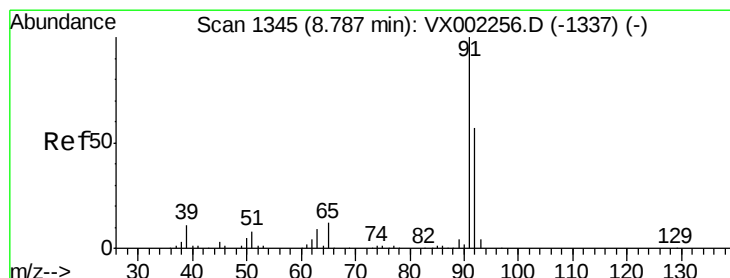
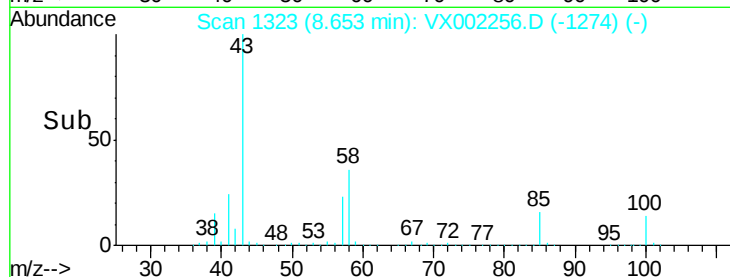
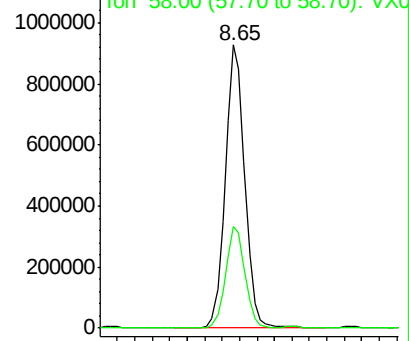
Ion Ratio Lower Upper

43 100

58 35.7 28.6 42.8



Abundance Ion 43.00 (42.70 to 43.70): VX0



#52

Toluene

Concen: 49.61 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. 0.00 min

Lab File: VX002256.D

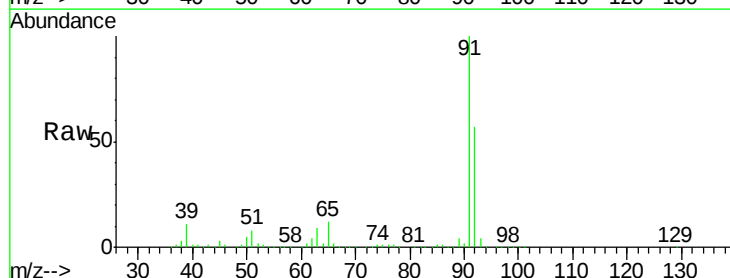
Acq: 04 Jun 2018 11:26

Tgt Ion: 92 Resp: 443818

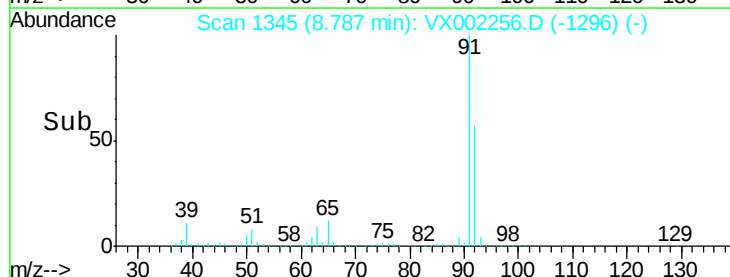
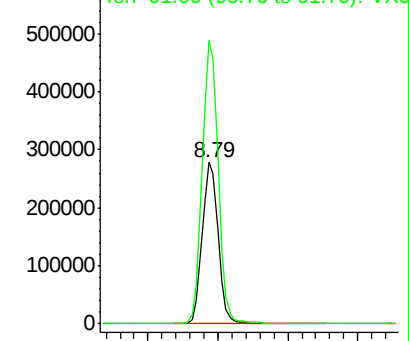
Ion Ratio Lower Upper

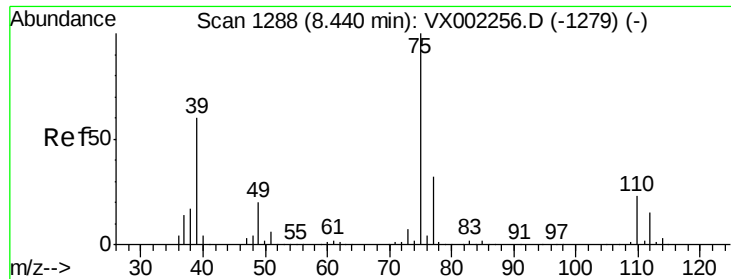
92 100

91 175.5 140.4 210.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

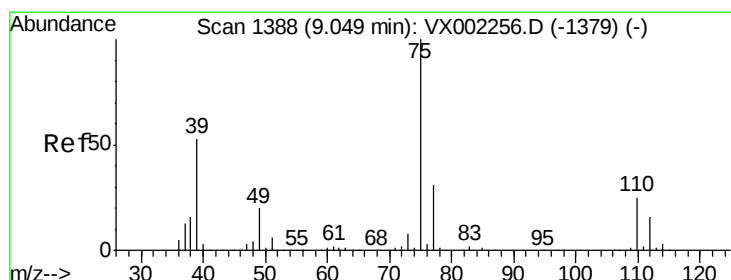
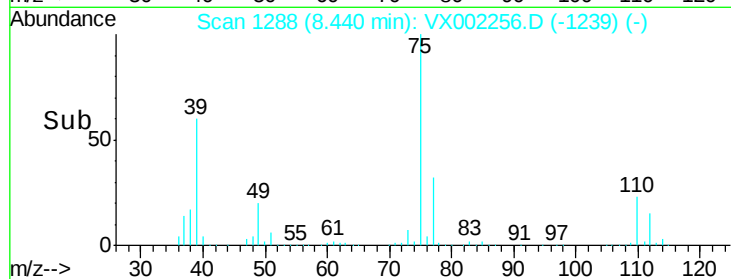
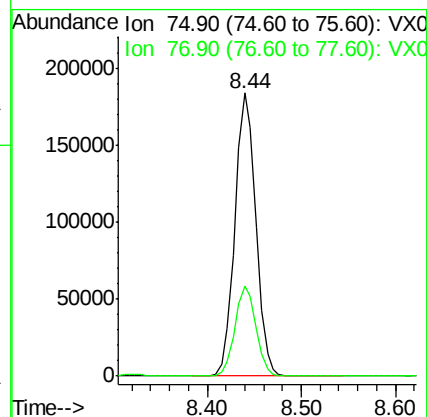
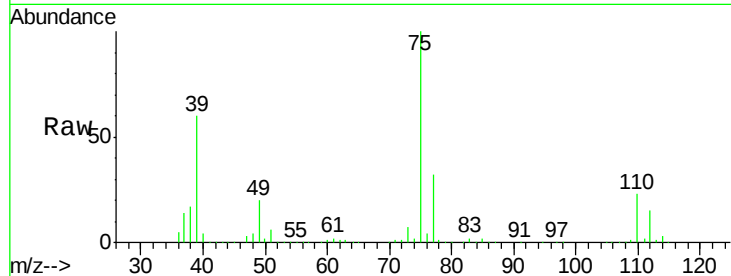




#53
 t-1,3-Dichloropropene
 Concen: 50.78 ug/l
 RT: 8.44 min Scan# 1288
 Delta R.T. 0.00 min
 Lab File: VX002256.D
 Acq: 04 Jun 2018 11:26

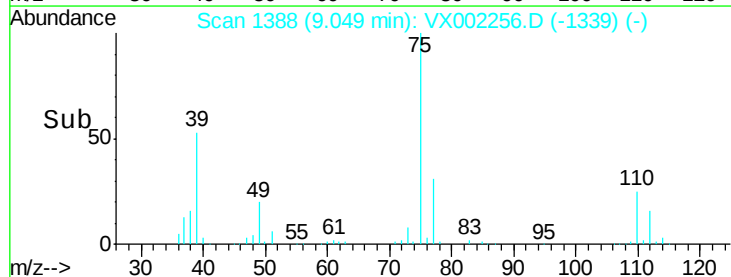
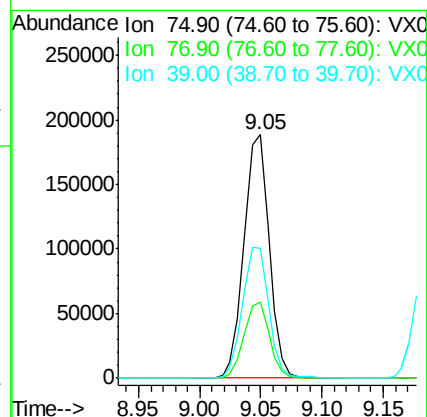
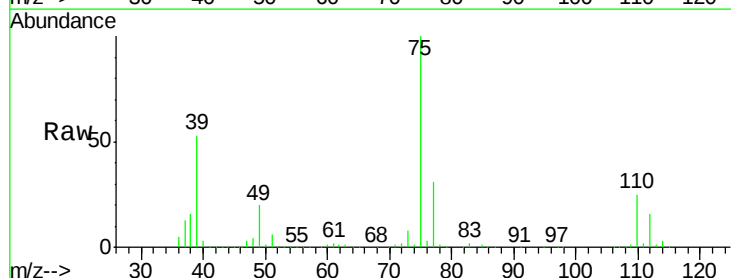
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tgt Ion: 75 Resp: 283543
 Ion Ratio Lower Upper
 75 100
 77 31.8 25.4 38.2



#54
 cis-1,3-Dichloropropene
 Concen: 51.31 ug/l
 RT: 9.05 min Scan# 1388
 Delta R.T. 0.00 min
 Lab File: VX002256.D
 Acq: 04 Jun 2018 11:26

Tgt Ion: 75 Resp: 270279
 Ion Ratio Lower Upper
 75 100
 77 31.0 24.8 37.2
 39 53.0 42.4 63.6

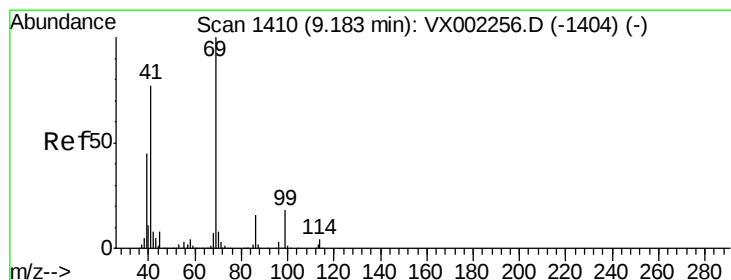
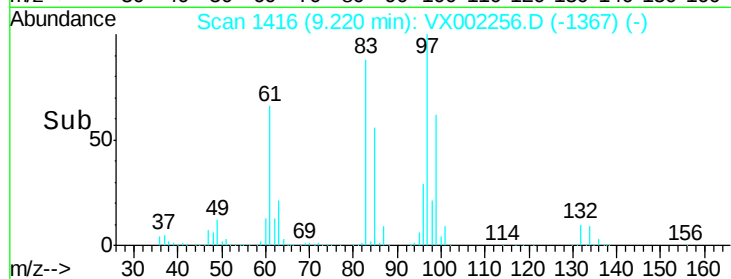
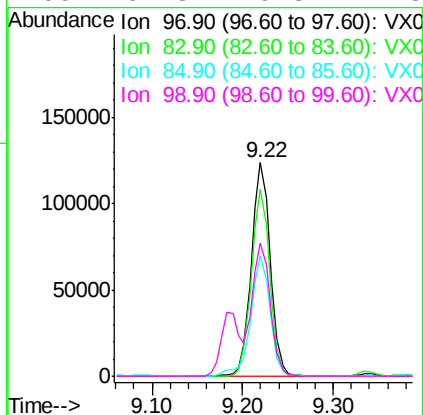
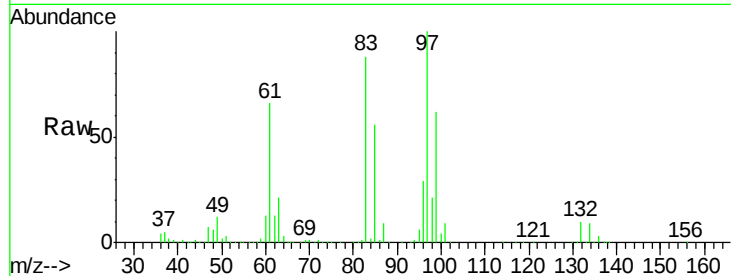




#55
 1,1,2-Trichloroethane
 Concen: 48.58 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VX002256.D
 Acq: 04 Jun 2018 11:26

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tgt Ion:	97	Resp:	178771
Ion	Ratio	Lower	Upper
97	100		
83	87.7	70.2	105.2
85	56.1	44.9	67.3
99	62.3	49.8	74.8



#56
 Ethyl methacrylate
 Concen: 48.36 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. 0.00 min
 Lab File: VX002256.D
 Acq: 04 Jun 2018 11:26

Tgt Ion:	69	Resp:	284085
Ion	Ratio	Lower	Upper
69	100		
41	75.4	60.3	90.5
39	44.8	35.8	53.8

