

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX112018\
 Data File : VX006108.D
 Acq On : 20 Nov 2018 18:36
 Operator : JC/MD
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Quant Time: Nov 21 07:58:20 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112018W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 21 07:49:48 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	314159	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	463957	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	433641	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	241043	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	187425	51.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.98%	
35) Dibromofluoromethane	5.50	113	152180	51.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.20%	
50) Toluene-d8	8.71	98	580282	51.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.16%	
62) 4-Bromofluorobenzene	11.14	95	215350	50.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.06%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	114474	49.034	ug/l	100
3) Chloromethane	1.32	50	144177	48.889	ug/l	100
4) Vinyl Chloride	1.41	62	143416	47.810	ug/l	100
5) Bromomethane	1.64	94	107305	51.597	ug/l	100
6) Chloroethane	1.71	64	83109	44.970	ug/l	100
7) Trichlorofluoromethane	1.92	101	192228	48.985	ug/l	100
8) Diethyl Ether	2.19	74	78599	47.382	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.38	101	112890	48.514	ug/l	100
10) Methyl Iodide	2.51	142	155345	53.248	ug/l	100
11) Tert butyl alcohol	3.08	59	192277	248.294	ug/l	100
12) 1,1-Dichloroethene	2.37	96	109238	48.155	ug/l	100
13) Acrolein	2.29	56	110632	238.746	ug/l	100
14) Allyl chloride	2.73	41	228002	49.127	ug/l	100
15) Acrylonitrile	3.15	53	424020	247.900	ug/l	100
16) Acetone	2.45	43	381794	236.350	ug/l	100
17) Carbon Disulfide	2.57	76	299754	48.938	ug/l	100
18) Methyl Acetate	2.78	43	209452	50.562	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	387284	49.392	ug/l	100
20) Methylene Chloride	2.85	84	124936	46.941	ug/l	100
21) trans-1,2-Dichloroethene	3.16	96	116905	49.256	ug/l	100
22) Diisopropyl ether	3.87	45	524401	52.783	ug/l	100
23) Vinyl Acetate	3.82	43	2211359	268.288	ug/l	100
24) 1,1-Dichloroethane	3.70	63	235770	50.372	ug/l	100
25) 2-Butanone	4.70	43	757245	252.554	ug/l	100
26) 2,2-Dichloropropane	4.58	77	191299	49.588	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	165529	49.899	ug/l	100
28) Bromochloromethane	5.02	49	142904	52.385	ug/l	100
29) Tetrahydrofuran	5.15	42	493289	263.731	ug/l	100
30) Chloroform	5.21	83	278255	49.057	ug/l	100
31) Cyclohexane	5.57	56	248244	50.775	ug/l	100
32) 1,1,1-Trichloroethane	5.49	97	233017	50.878	ug/l	100
36) 1,1-Dichloropropene	5.80	75	209565	49.650	ug/l	100
37) Ethyl Acetate	4.85	43	268665	49.474	ug/l	100
38) Carbon Tetrachloride	5.78	117	201399	50.765	ug/l	100

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX112018\
 Data File : VX006108.D
 Acq On : 20 Nov 2018 18:36
 Operator : JC/MD
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Quant Time: Nov 21 07:58:20 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112018W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 21 07:49:48 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	243765	50.693	ug/l	100
40) Benzene	6.14	78	623537	50.142	ug/l	100
41) Methacrylonitrile	5.06	41	151296	50.556	ug/l	100
42) 1,2-Dichloroethane	6.20	62	228073	49.057	ug/l	100
43) Isopropyl Acetate	6.46	43	401387	51.182	ug/l	100
44) Trichloroethene	7.21	130	173889	50.312	ug/l	100
45) 1,2-Dichloropropane	7.52	63	165803	50.381	ug/l	100
46) Dibromomethane	7.66	93	110753	49.141	ug/l	100
47) Bromodichloromethane	7.90	83	209291	50.209	ug/l	100
48) Methyl methacrylate	7.77	41	213859	53.769	ug/l	100
49) 1,4-Dioxane	7.75	88	97682	1035.184	ug/l	100
51) 4-Methyl-2-Pentanone	8.65	43	1477858	262.861	ug/l	100
52) Toluene	8.79	92	392703	51.056	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	224454	51.600	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	249174	51.818	ug/l	100
55) 1,1,2-Trichloroethane	9.21	97	163293	49.020	ug/l	100
56) Ethyl methacrylate	9.18	69	247936	54.208	ug/l	100
57) 1,3-Dichloropropane	9.37	76	273147	49.747	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	716861	272.705	ug/l	100
59) 2-Hexanone	9.49	43	1180585	264.596	ug/l	100
60) Dibromochloromethane	9.59	129	166384	50.946	ug/l	100
61) 1,2-Dibromoethane	9.67	107	173069	50.431	ug/l	100
64) Tetrachloroethene	9.34	164	181212	50.780	ug/l	100
65) Chlorobenzene	10.14	112	450724	50.672	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	156375	51.208	ug/l	100
67) Ethyl Benzene	10.25	91	775600	53.254	ug/l	100
68) m/p-Xylenes	10.36	106	607150	107.058	ug/l	100
69) o-Xylene	10.70	106	289464	53.435	ug/l	100
70) Styrene	10.71	104	486758	55.109	ug/l	100
71) Bromoform	10.86	173	136091	49.786	ug/l	100
73) Isopropylbenzene	11.02	105	788539	54.067	ug/l	100
74) N-amyl acetate	10.90	43	359015	54.222	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	271526	49.402	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	319483	64.379	ug/l	87
77) Bromobenzene	11.26	156	207184	50.711	ug/l	100
78) n-propylbenzene	11.36	91	921263	54.240	ug/l	100
79) 2-Chlorotoluene	11.42	91	534122	51.980	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	666878	54.233	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	78116	53.240	ug/l	100
82) 4-Chlorotoluene	11.51	91	639093	53.295	ug/l	100
83) tert-Butylbenzene	11.77	119	653343	54.426	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	686937	54.767	ug/l	100
85) sec-Butylbenzene	11.94	105	786295	53.550	ug/l	100
86) p-Isopropyltoluene	12.07	119	716610	54.739	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	378108	50.193	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	388987	49.811	ug/l	100
89) n-Butylbenzene	12.39	91	633420	53.440	ug/l	100
90) Hexachloroethane	12.60	117	107417	51.418	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	387329	50.292	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	63888	50.094	ug/l	100

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX112018\
Data File : VX006108.D
Acq On : 20 Nov 2018 18:36
Operator : JC/MD
Sample : VSTDICCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Quant Time: Nov 21 07:58:20 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112018W.M
Quant Title : SW846 8260
QLast Update : Wed Nov 21 07:49:48 2018
Response via : Initial Calibration

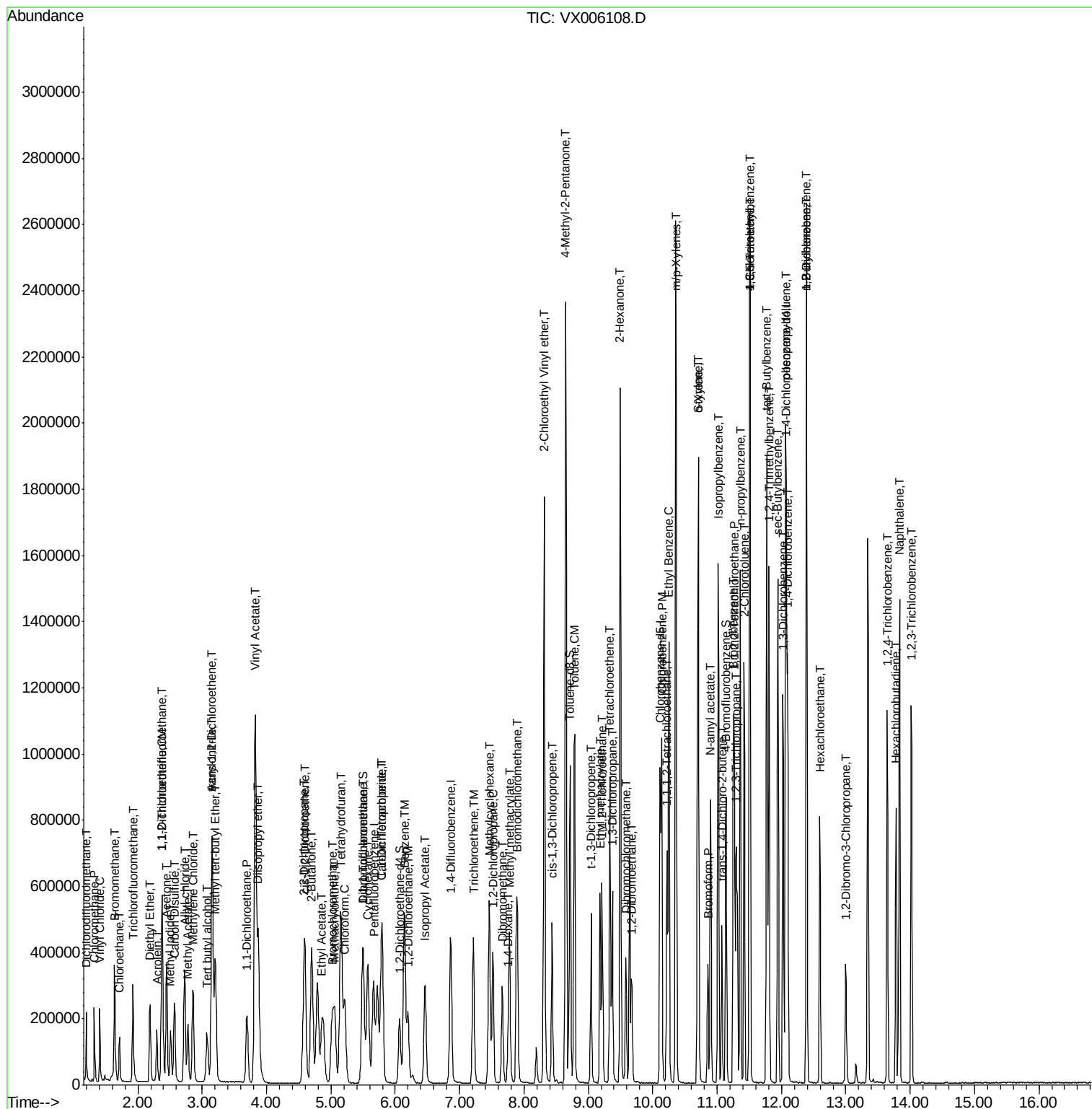
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	280874	51.770	ug/l	100
94) Hexachlorobutadiene	13.78	225	130314	49.284	ug/l	100
95) Naphthalene	13.83	128	885652	55.514	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	287586	51.994	ug/l	100

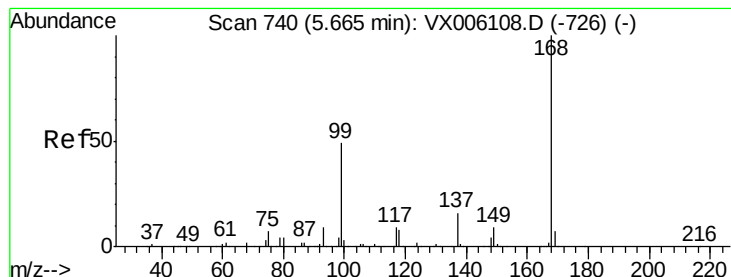
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX112018\
Data File : VX006108.D
Acq On : 20 Nov 2018 18:36
Operator : JC/MD
Sample : VSTDICCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Quant Time: Nov 21 07:58:20 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X112018W.M
Quant Title : SW846 8260
QLast Update : Wed Nov 21 07:49:48 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX006108.D

Acq: 20 Nov 2018 18:36

Instrument :

MSVOA_X

ClientSampleId :

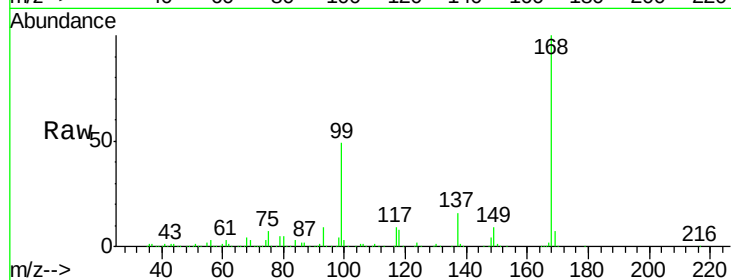
VSTDICCC050

Tgt Ion:168 Resp: 314159

Ion Ratio Lower Upper

168 100

99 49.0 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

120000

100000

80000

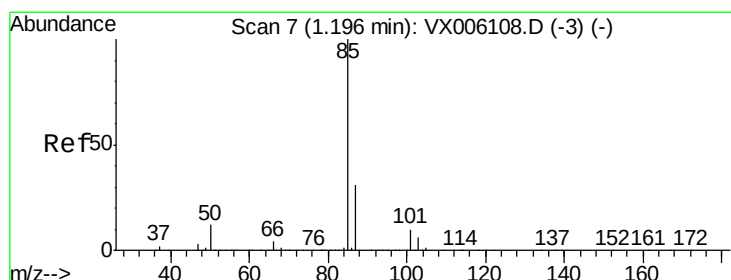
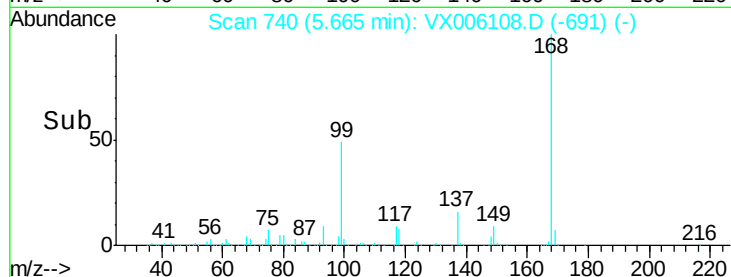
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 49.034 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX006108.D

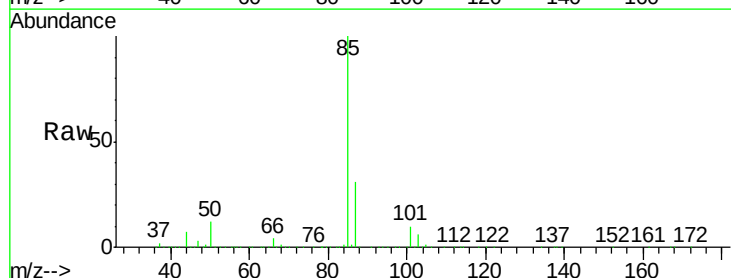
Acq: 20 Nov 2018 18:36

Tgt Ion: 85 Resp: 114474

Ion Ratio Lower Upper

85 100

87 31.4 15.7 47.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

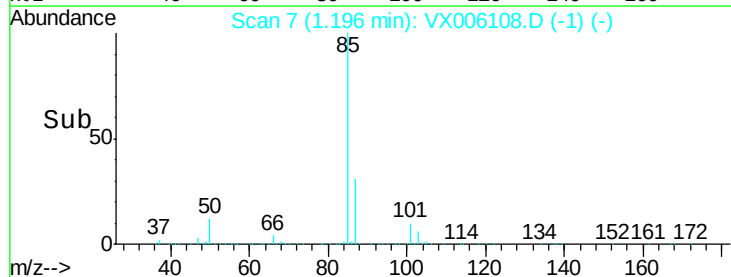
1.20

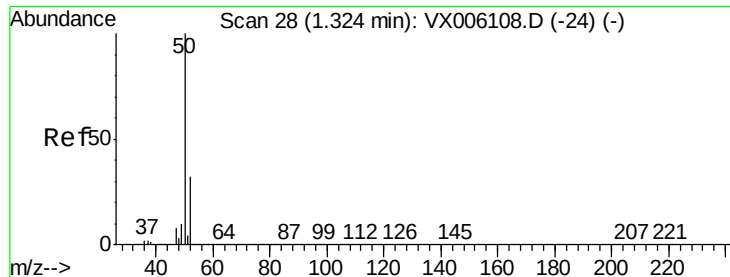
100000

50000

0

Time--> 1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 48.889 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX006108.D

Acq: 20 Nov 2018 18:36

Instrument :

MSVOA_X

ClientSampleId :

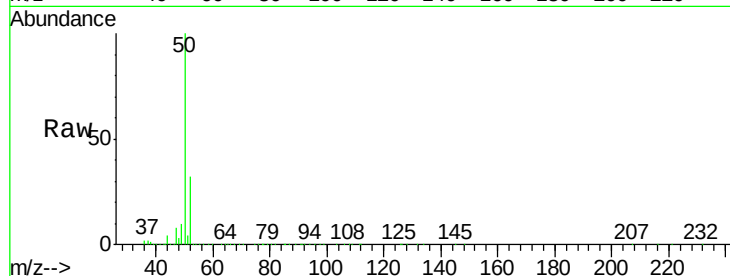
VSTDICCC050

Tgt Ion: 50 Resp: 144177

Ion Ratio Lower Upper

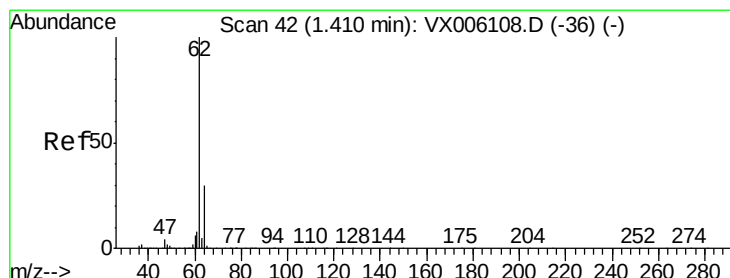
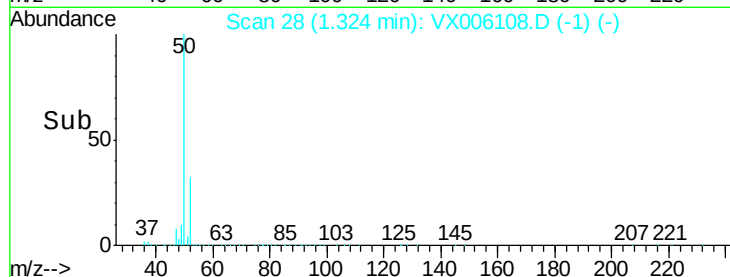
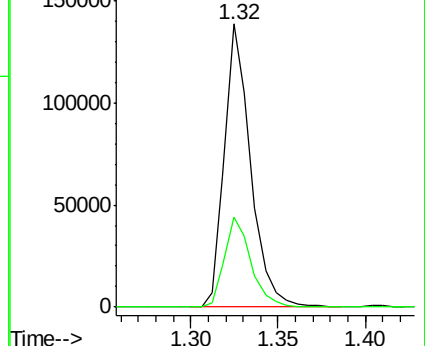
50 100

52 32.0 25.6 38.4



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 47.810 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX006108.D

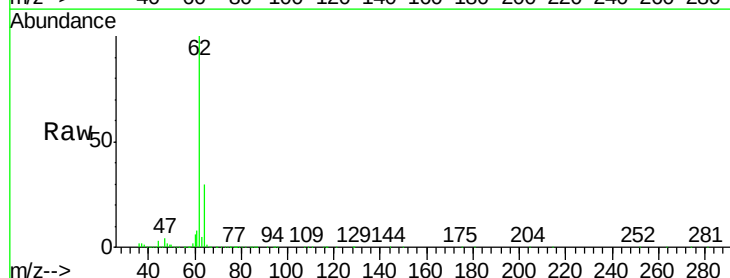
Acq: 20 Nov 2018 18:36

Tgt Ion: 62 Resp: 143416

Ion Ratio Lower Upper

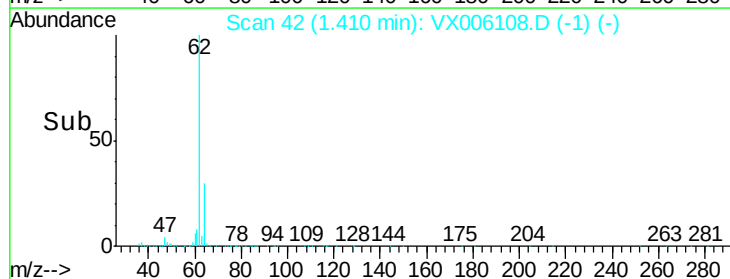
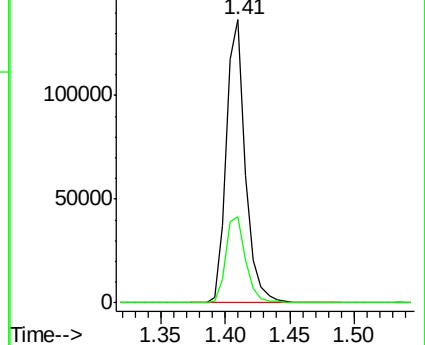
62 100

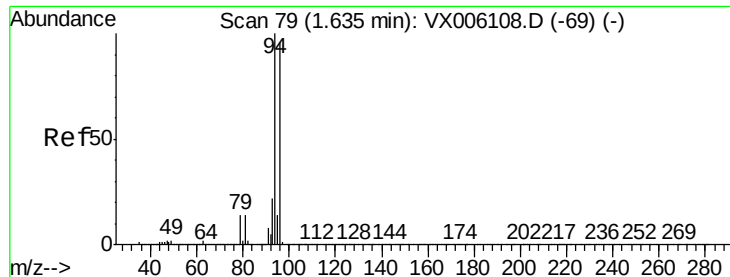
64 30.3 24.2 36.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 51.597 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX006108.D

Acq: 20 Nov 2018 18:36

Instrument :

MSVOA_X

ClientSampleId :

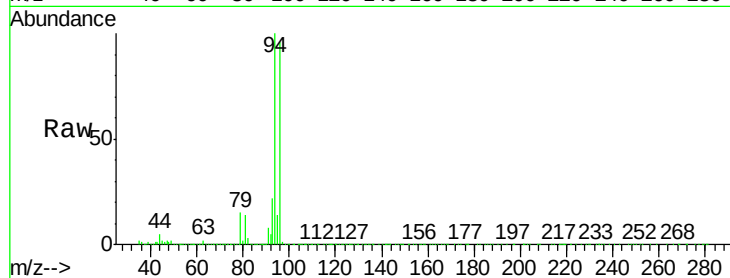
VSTDICCC050

Tgt Ion: 94 Resp: 107305

Ion Ratio Lower Upper

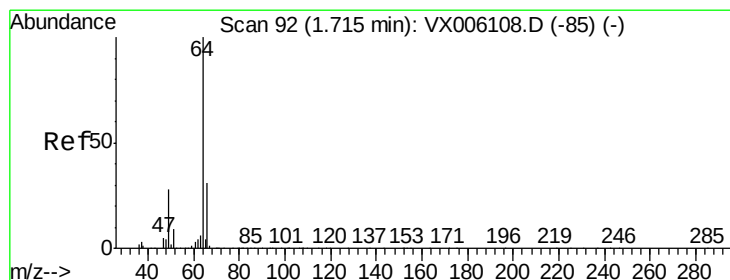
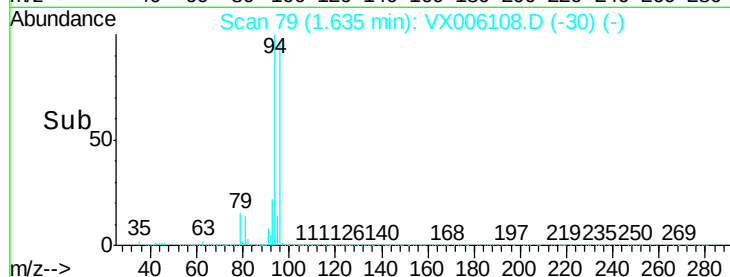
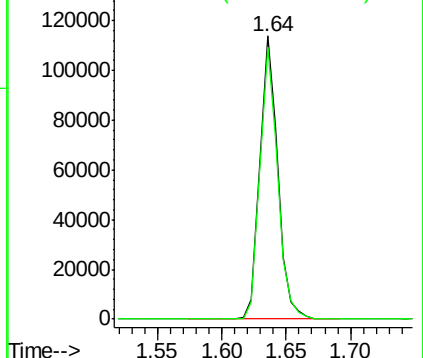
94 100

96 95.9 76.7 115.1



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 44.970 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.00 min

Lab File: VX006108.D

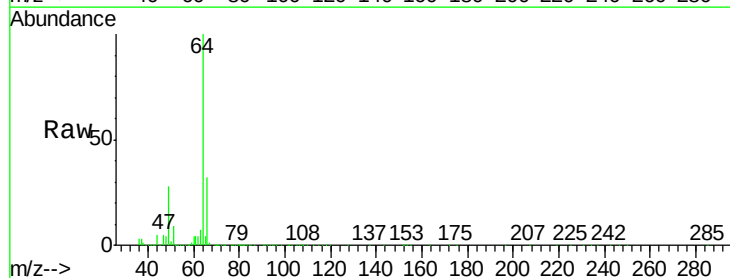
Acq: 20 Nov 2018 18:36

Tgt Ion: 64 Resp: 83109

Ion Ratio Lower Upper

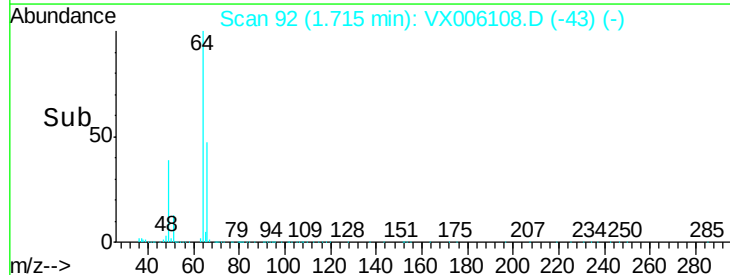
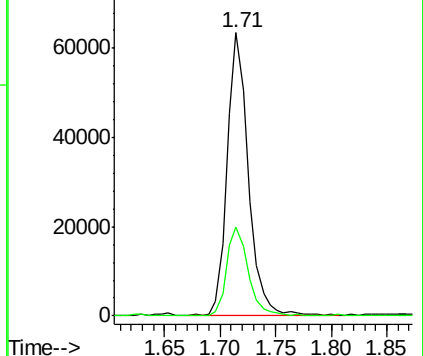
64 100

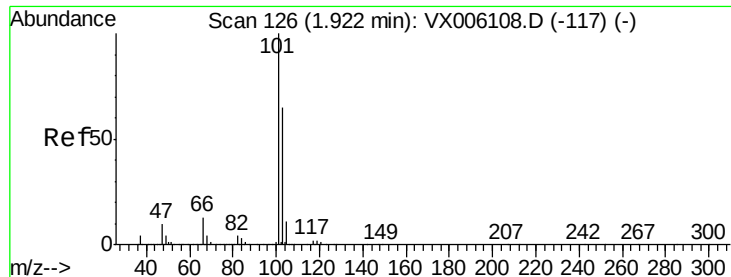
66 31.4 25.1 37.7



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



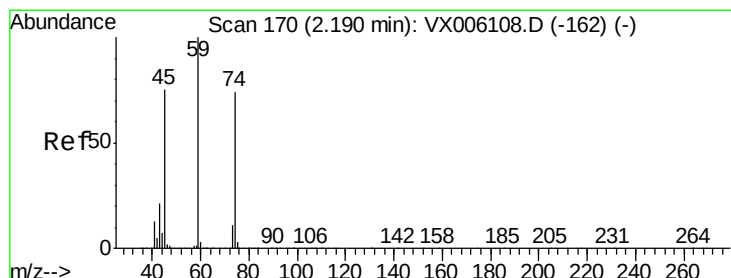
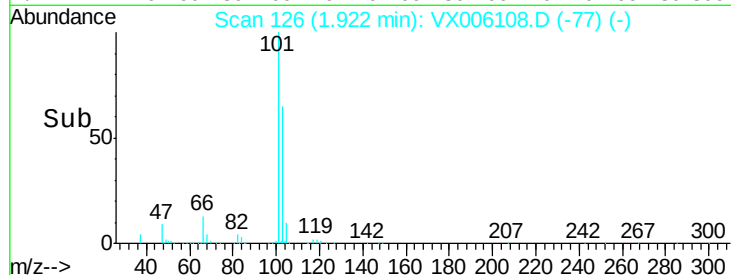
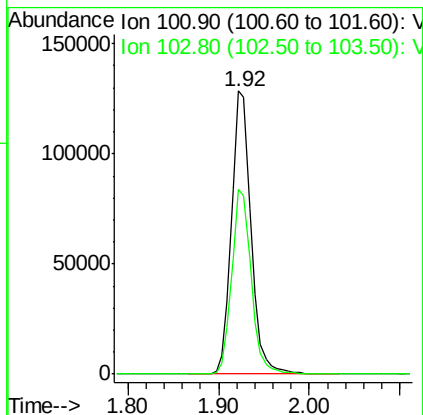
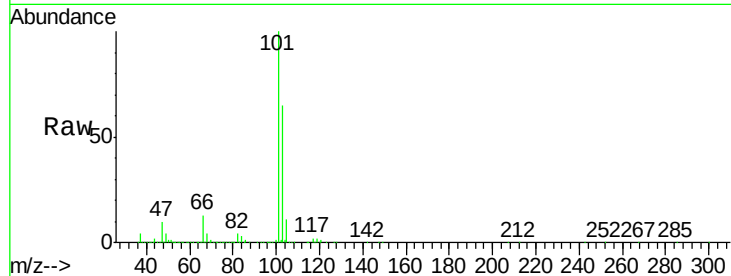


#7

Trichlorofluoromethane
Concen: 48.985 ug/l
RT: 1.92 min Scan# 126
Delta R.T. 0.00 min
Lab File: VX006108.D
Acq: 20 Nov 2018 18:36

Instrument :
MSVOA_X
ClientSampled :
VSTDICCC050

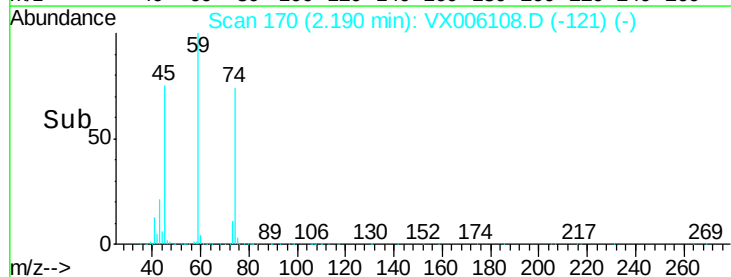
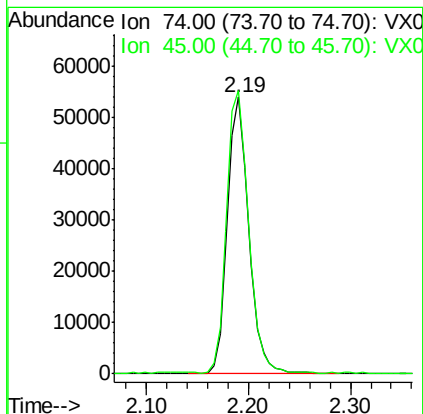
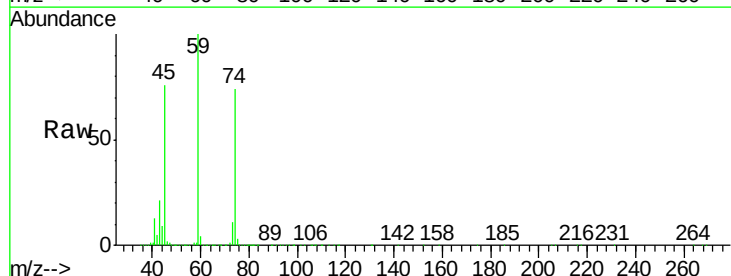
Tgt Ion:101 Resp: 192228
Ion Ratio Lower Upper
101 100
103 65.1 52.1 78.1

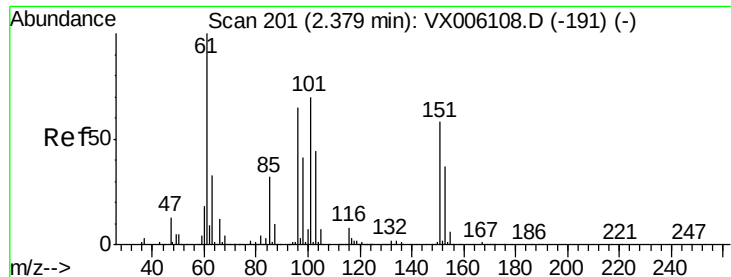


#8

Diethyl Ether
Concen: 47.382 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX006108.D
Acq: 20 Nov 2018 18:36

Tgt Ion: 74 Resp: 78599
Ion Ratio Lower Upper
74 100
45 104.4 52.2 156.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.514 ug/l

RT: 2.38 min Scan# 201

Delta R.T. 0.00 min

Lab File: VX006108.D

Acq: 20 Nov 2018 18:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

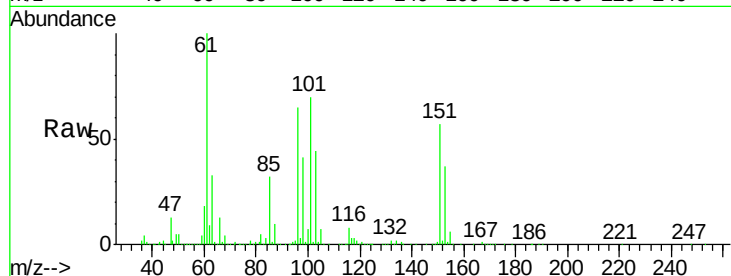
Tgt Ion:101 Resp: 112890

Ion Ratio Lower Upper

101 100

85 45.0 36.0 54.0

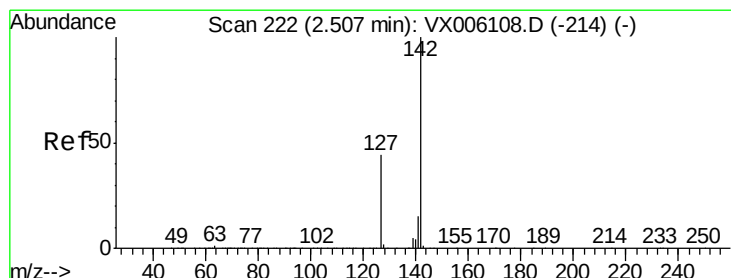
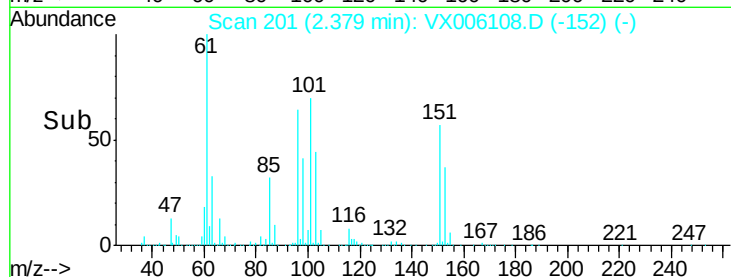
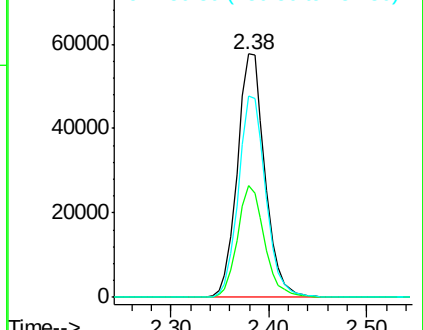
151 82.2 65.8 98.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 53.248 ug/l

RT: 2.51 min Scan# 222

Delta R.T. 0.00 min

Lab File: VX006108.D

Acq: 20 Nov 2018 18:36

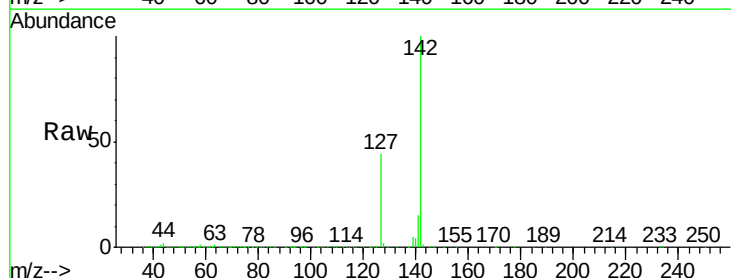
Tgt Ion:142 Resp: 155345

Ion Ratio Lower Upper

142 100

127 45.0 36.0 54.0

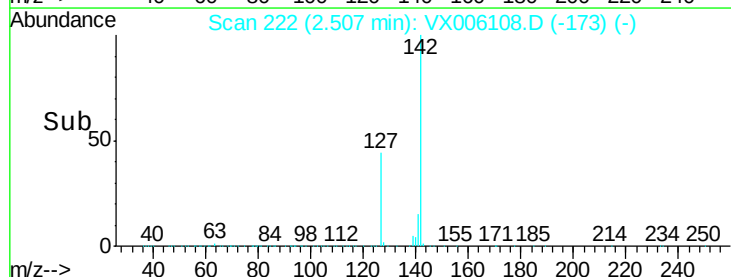
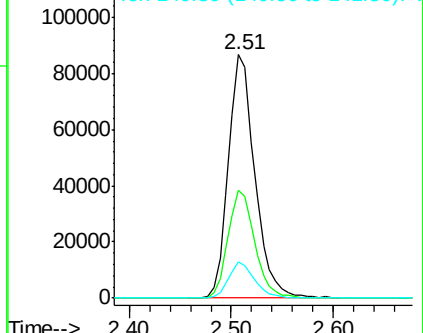
141 14.6 11.7 17.5

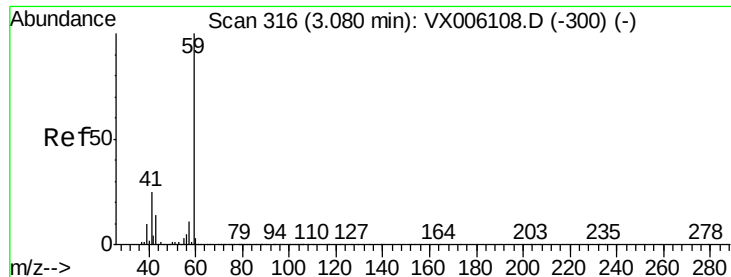


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



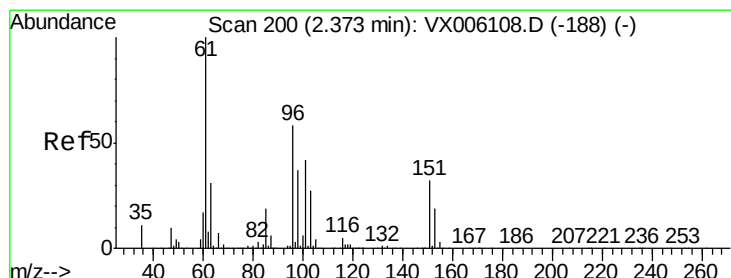
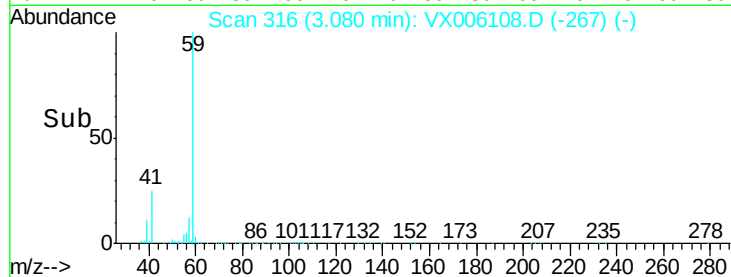
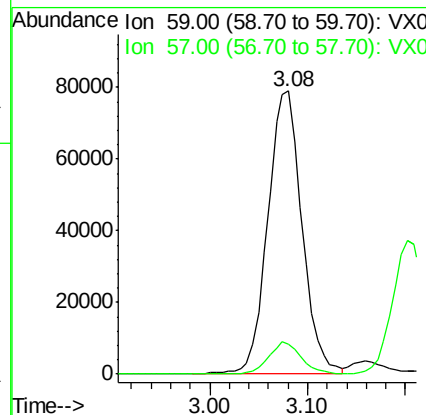
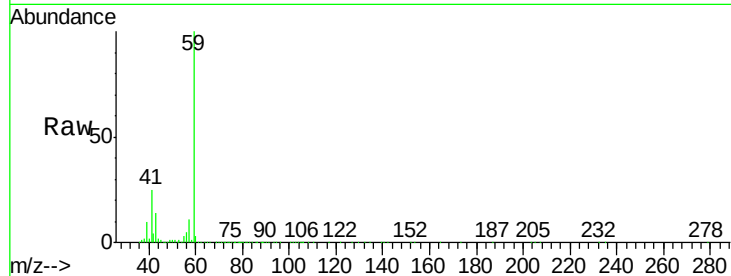


#11

Tert butyl alcohol
 Concen: 248.294 ug/l
 RT: 3.08 min Scan# 316
 Delta R.T. 0.00 min
 Lab File: VX006108.D
 Acq: 20 Nov 2018 18:36

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

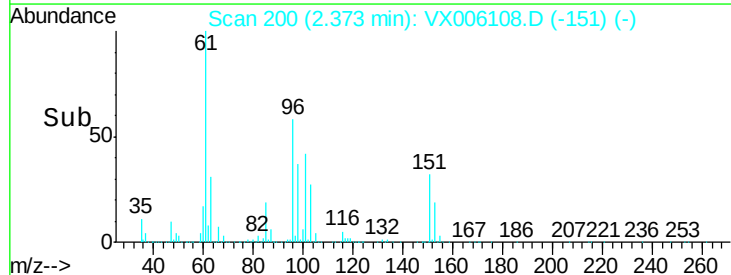
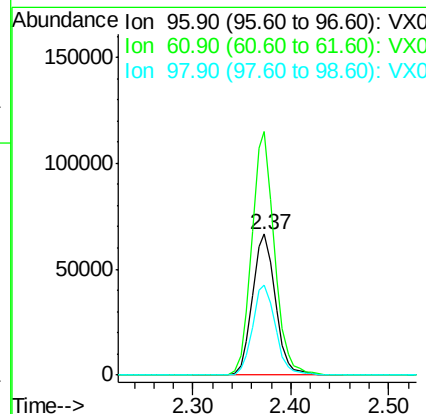
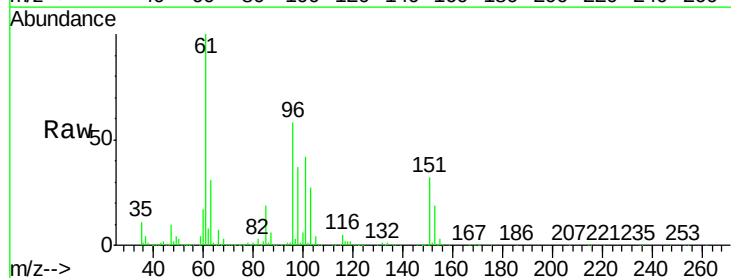
Tgt Ion: 59 Resp: 192277
 Ion Ratio Lower Upper
 59 100
 57 10.9 8.7 13.1

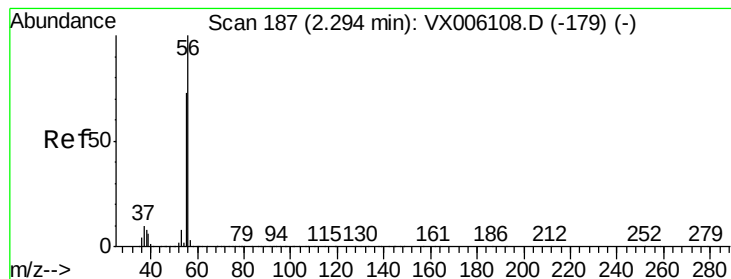


#12

1,1-Dichloroethene
 Concen: 48.155 ug/l
 RT: 2.37 min Scan# 200
 Delta R.T. 0.00 min
 Lab File: VX006108.D
 Acq: 20 Nov 2018 18:36

Tgt Ion: 96 Resp: 109238
 Ion Ratio Lower Upper
 96 100
 61 172.8 138.2 207.4
 98 64.1 51.3 76.9





#13

Acrolein

Concen: 238.746 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX006108.D

Acq: 20 Nov 2018 18:36

Instrument :

MSVOA_X

ClientSampleId :

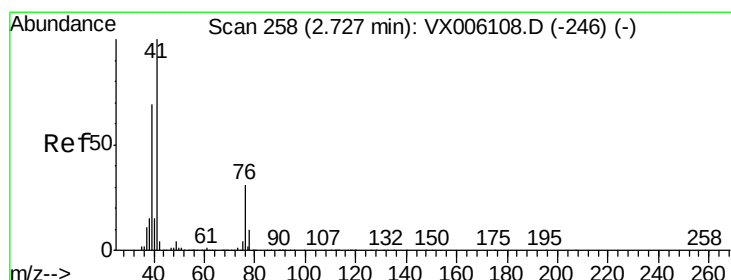
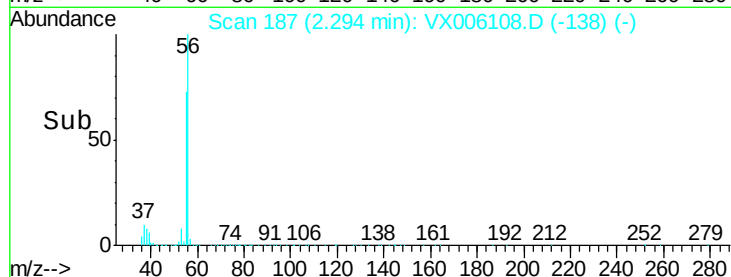
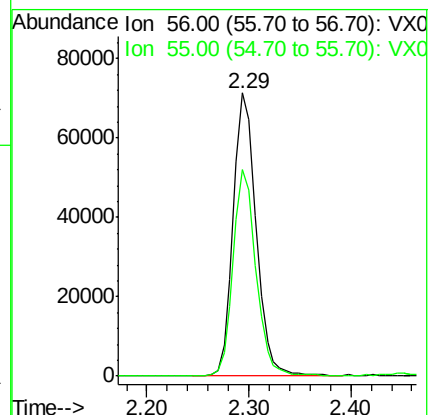
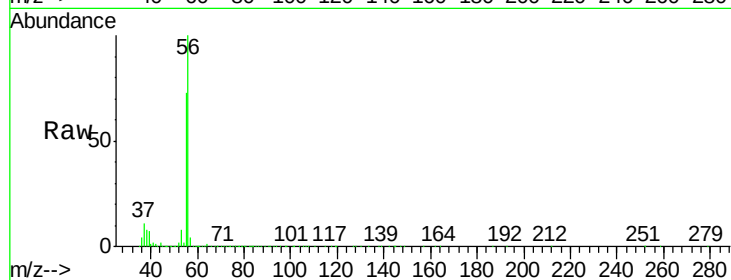
VSTDICCC050

Tgt Ion: 56 Resp: 110632

Ion Ratio Lower Upper

56 100

55 72.2 57.8 86.6



#14

Allyl chloride

Concen: 49.127 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.00 min

Lab File: VX006108.D

Acq: 20 Nov 2018 18:36

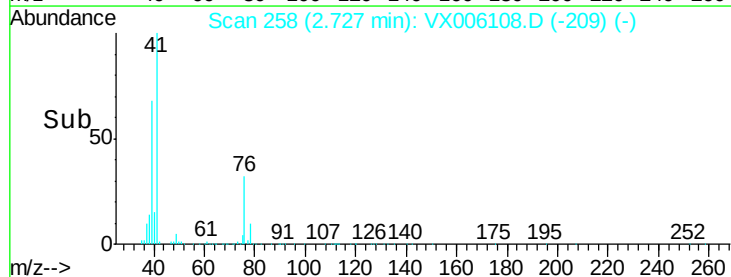
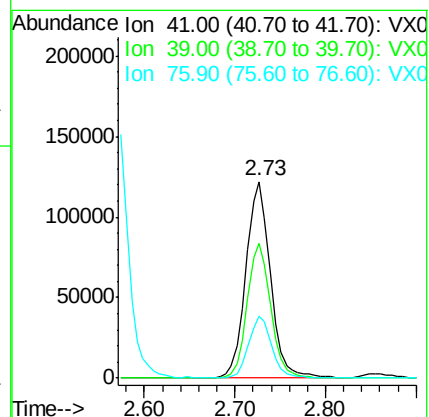
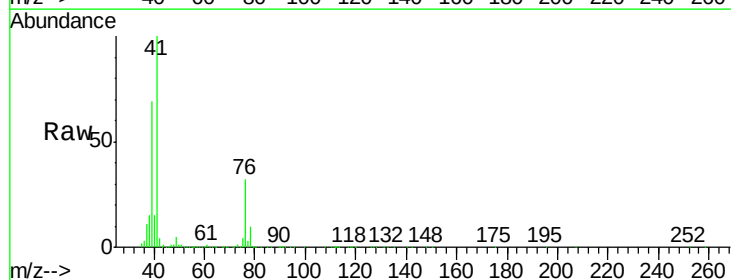
Tgt Ion: 41 Resp: 228002

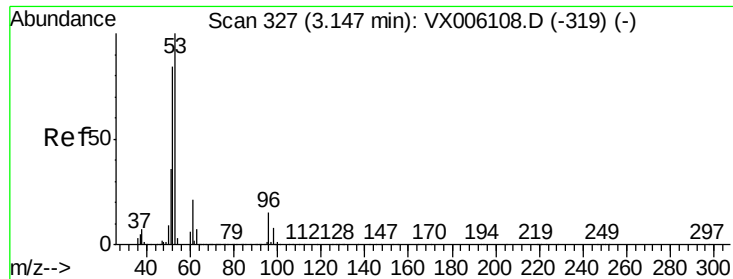
Ion Ratio Lower Upper

41 100

39 65.6 52.5 78.7

76 29.3 23.4 35.2





#15

Acrylonitrile

Concen: 247.900 ug/l

RT: 3.15 min Scan# 327

Delta R.T. 0.00 min

Lab File: VX006108.D

Acq: 20 Nov 2018 18:36

Instrument :

MSVOA_X

ClientSampled :

VSTDICCC050

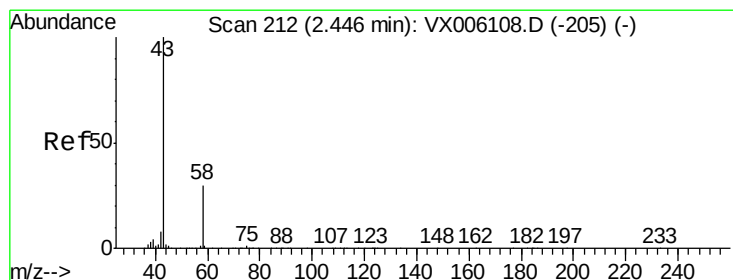
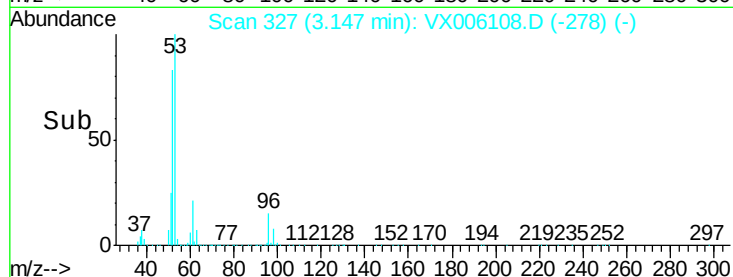
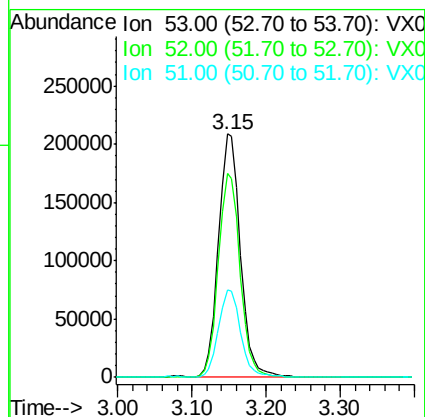
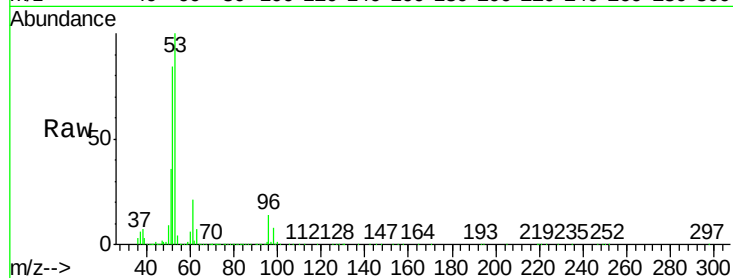
Tgt Ion: 53 Resp: 424020

Ion Ratio Lower Upper

53 100

52 83.0 66.4 99.6

51 36.7 29.4 44.0



#16

Acetone

Concen: 236.350 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX006108.D

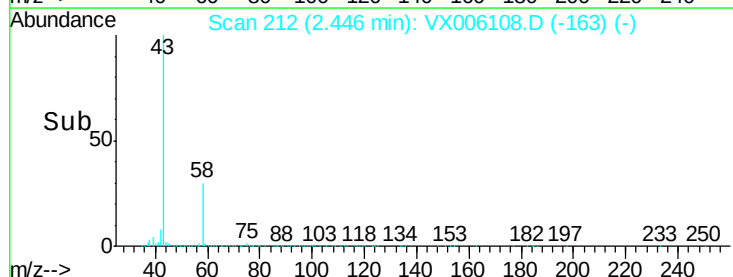
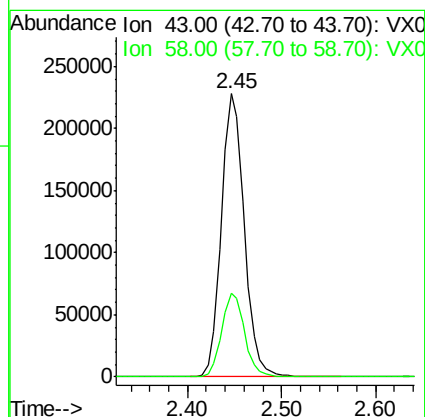
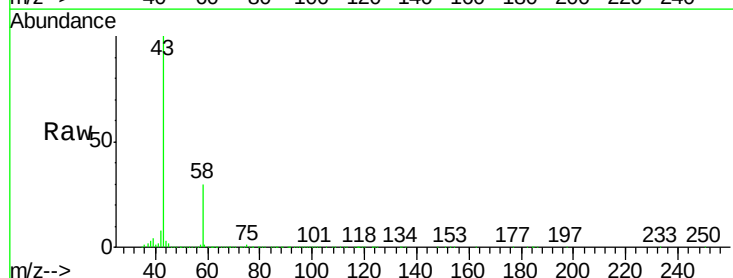
Acq: 20 Nov 2018 18:36

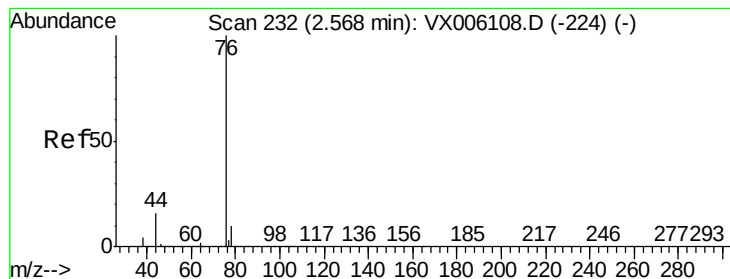
Tgt Ion: 43 Resp: 381794

Ion Ratio Lower Upper

43 100

58 29.8 23.8 35.8





#17

Carbon Disulfide

Concen: 48.938 ug/l

RT: 2.57 min Scan# 232

Delta R.T. 0.00 min

Lab File: VX006108.D

Acq: 20 Nov 2018 18:36

Instrument :

MSVOA_X

ClientSampleId :

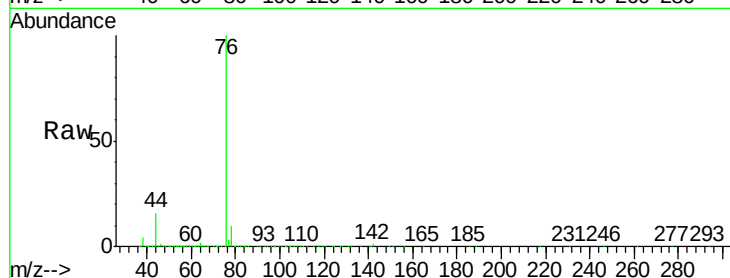
VSTDICCC050

Tgt Ion: 76 Resp: 299754

Ion Ratio Lower Upper

76 100

78 9.6 7.7 11.5



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

200000

150000

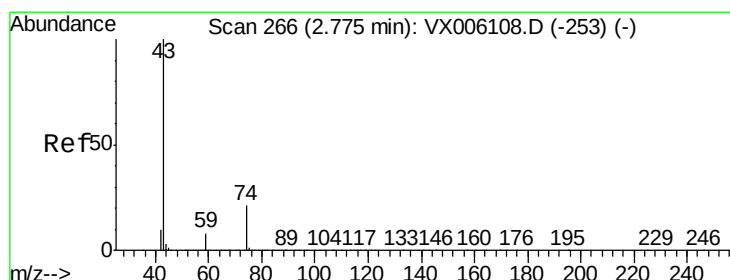
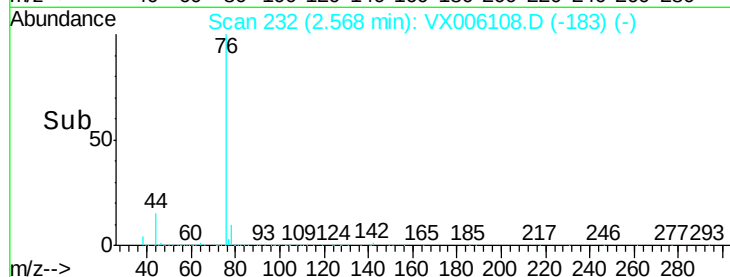
100000

50000

0

2.50 2.60 2.70

Time-->



#18

Methyl Acetate

Concen: 50.562 ug/l

RT: 2.78 min Scan# 266

Delta R.T. 0.00 min

Lab File: VX006108.D

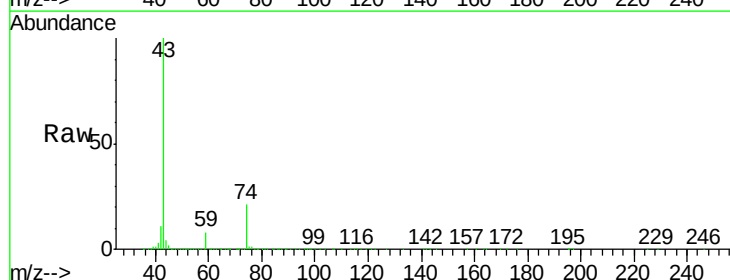
Acq: 20 Nov 2018 18:36

Tgt Ion: 43 Resp: 209452

Ion Ratio Lower Upper

43 100

74 21.6 17.3 25.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

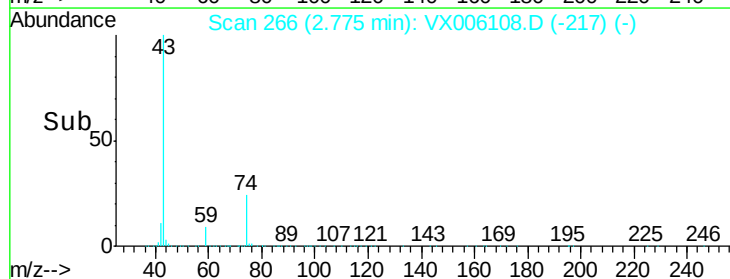
100000

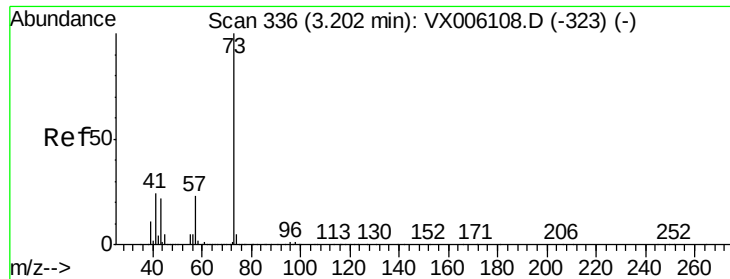
50000

0

2.70 2.80 2.90

Time-->





#19

Methyl tert-butyl Ether

Concen: 49.392 ug/l

RT: 3.20 min Scan# 336

Delta R.T. 0.00 min

Lab File: VX006108.D

Acq: 20 Nov 2018 18:36

Instrument :

MSVOA_X

ClientSampleId :

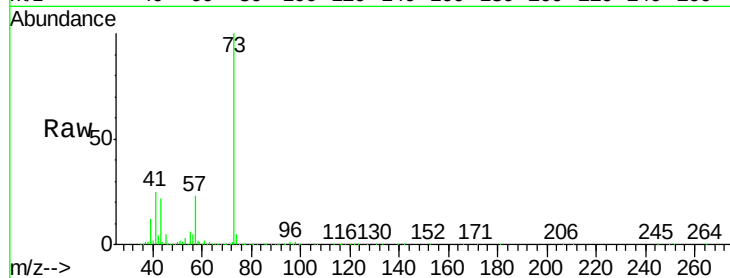
VSTDICCC050

Tgt Ion: 73 Resp: 387284

Ion Ratio Lower Upper

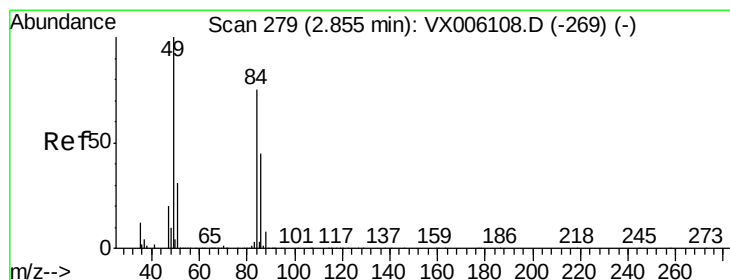
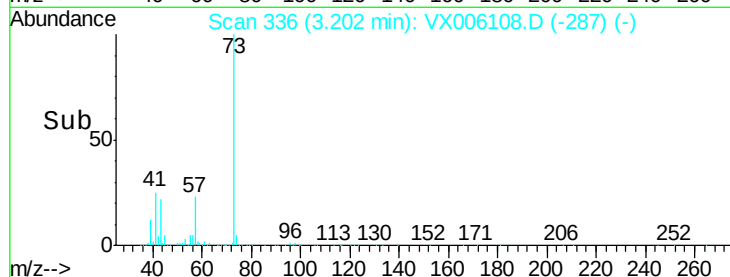
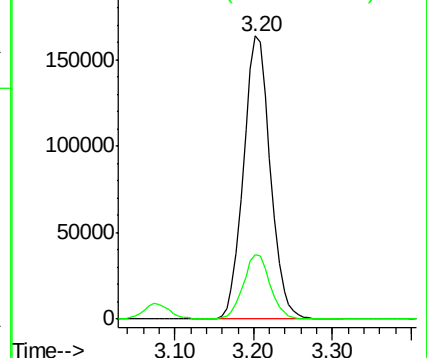
73 100

57 22.8 18.2 27.4



Abundance Ion 73.00 (72.70 to 73.70): VX0

Ion 57.00 (56.70 to 57.70): VX0



#20

Methylene Chloride

Concen: 46.941 ug/l

RT: 2.85 min Scan# 279

Delta R.T. 0.00 min

Lab File: VX006108.D

Acq: 20 Nov 2018 18:36

Tgt Ion: 84 Resp: 124936

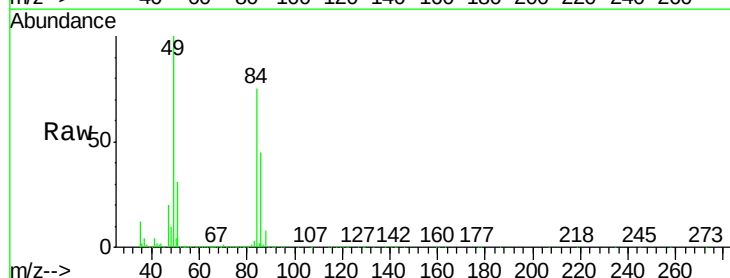
Ion Ratio Lower Upper

84 100

49 133.2 106.6 159.8

51 40.8 32.6 49.0

86 60.5 48.4 72.6

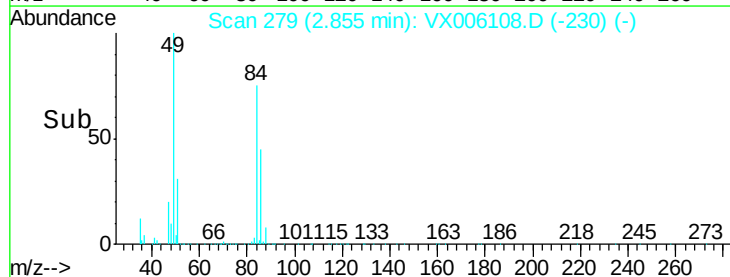
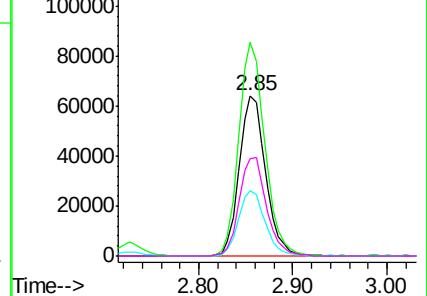


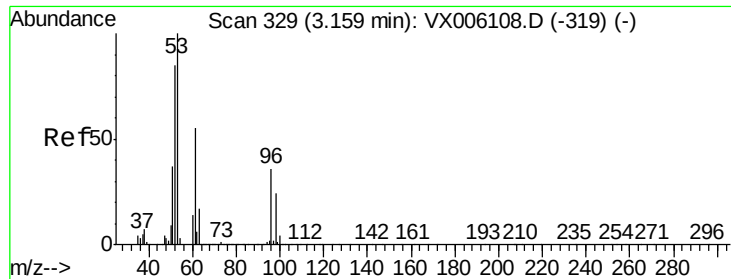
Abundance Ion 83.90 (83.60 to 84.60): VX0

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: 49.256 ug/l

RT: 3.16 min Scan# 329

Delta R.T. 0.00 min

Lab File: VX006108.D

Acq: 20 Nov 2018 18:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

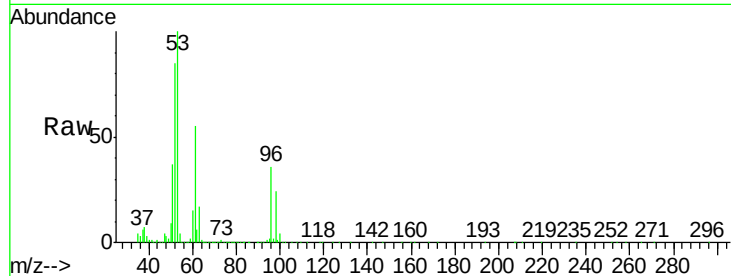
Tgt Ion: 96 Resp: 116905

Ion Ratio Lower Upper

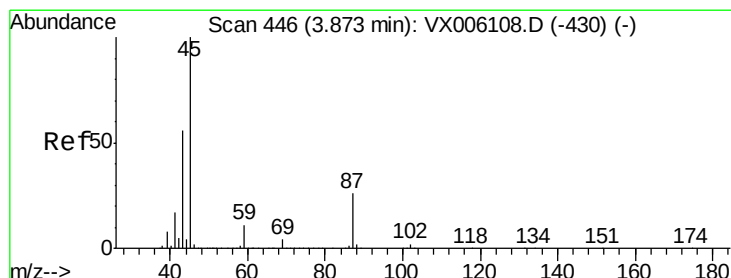
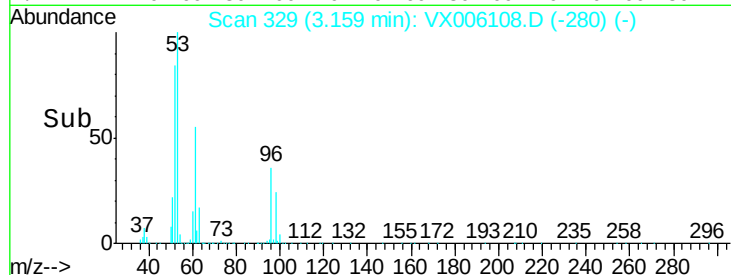
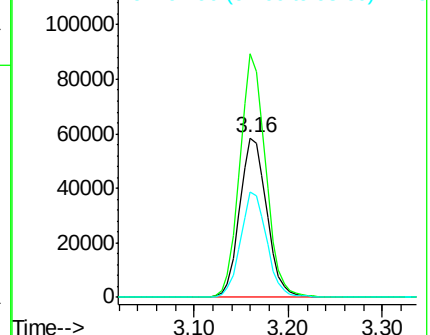
96 100

61 152.5 122.0 183.0

98 65.9 52.7 79.1



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: 52.783 ug/l

RT: 3.87 min Scan# 446

Delta R.T. 0.00 min

Lab File: VX006108.D

Acq: 20 Nov 2018 18:36

Tgt Ion: 45 Resp: 524401

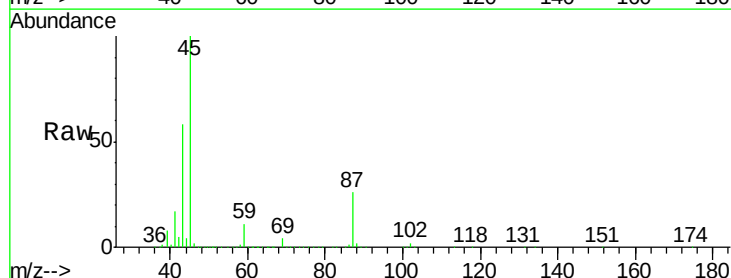
Ion Ratio Lower Upper

45 100

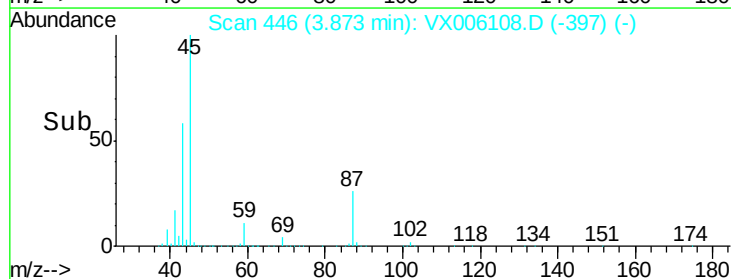
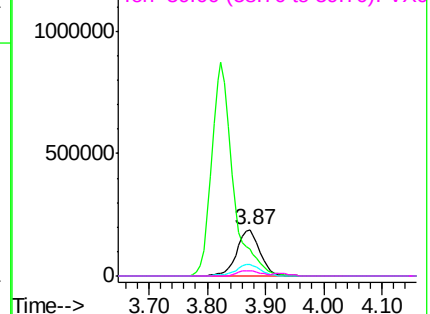
43 57.3 45.8 68.8

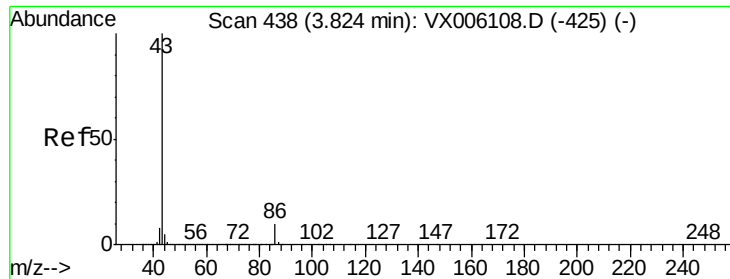
87 26.2 21.0 31.4

59 10.7 8.6 12.8



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: 268.288 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.00 min

Lab File: VX006108.D

Acq: 20 Nov 2018 18:36

Instrument :

MSVOA_X

ClientSampleId :

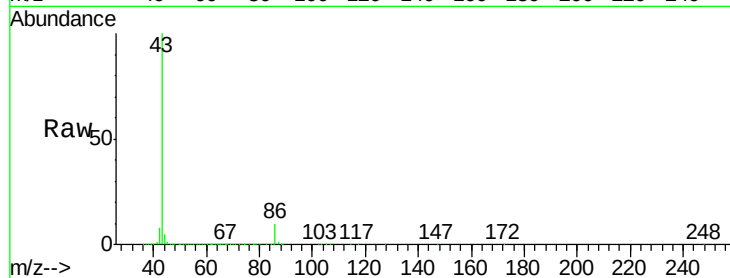
VSTDICCC050

Tgt Ion: 43 Resp: 2211359

Ion Ratio Lower Upper

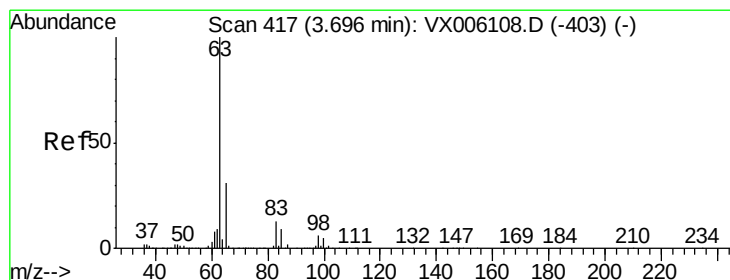
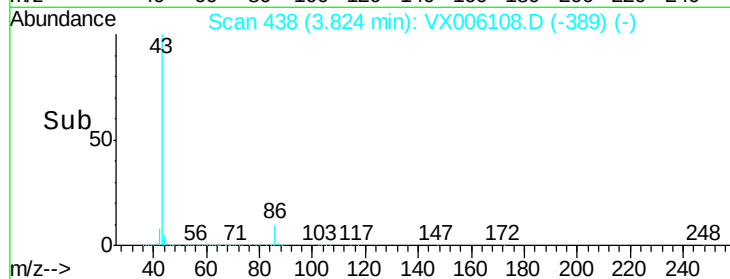
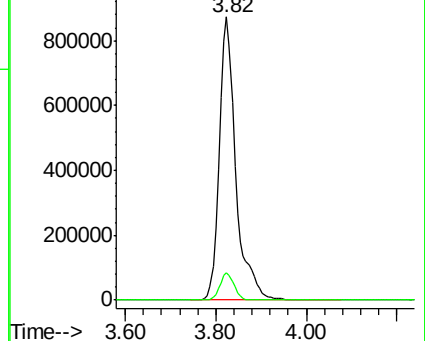
43 100

86 9.5 7.6 11.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 50.372 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX006108.D

Acq: 20 Nov 2018 18:36

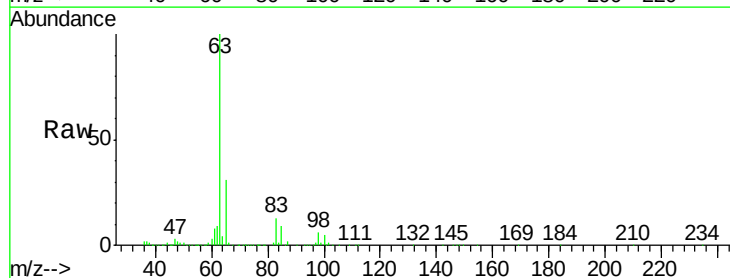
Tgt Ion: 63 Resp: 235770

Ion Ratio Lower Upper

63 100

98 6.5 3.3 9.8

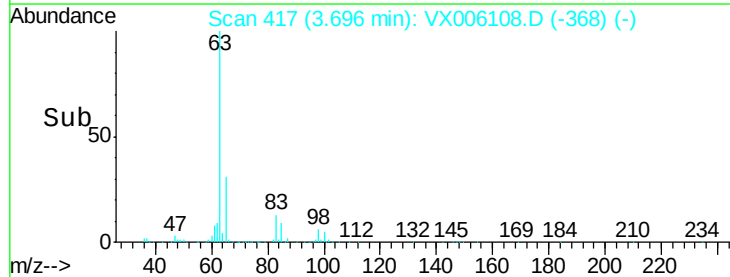
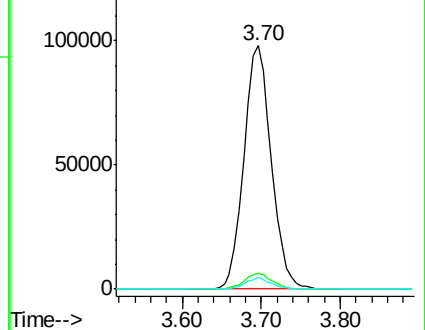
100 4.7 2.4 7.1

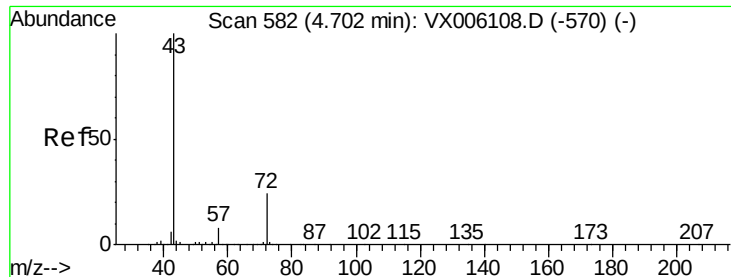


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 252.554 ug/l

RT: 4.70 min Scan# 582

Delta R.T. 0.00 min

Lab File: VX006108.D

Acq: 20 Nov 2018 18:36

Instrument :

MSVOA_X

ClientSampleId :

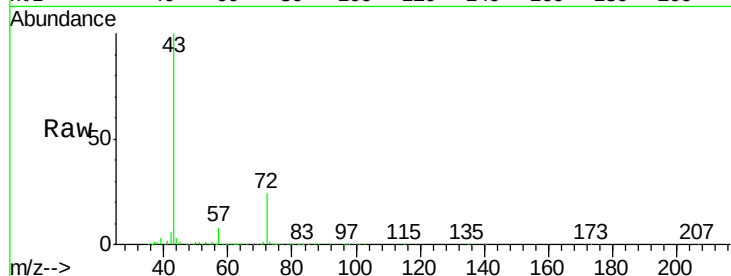
VSTDICCC050

Tgt Ion: 43 Resp: 757245

Ion Ratio Lower Upper

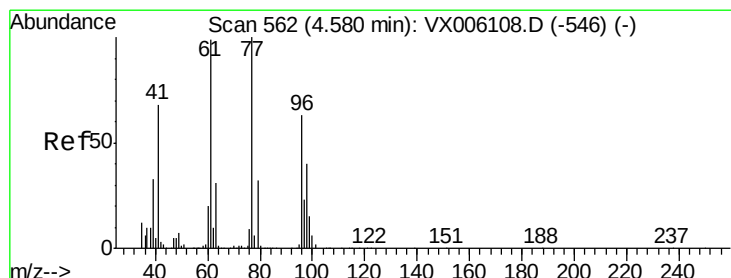
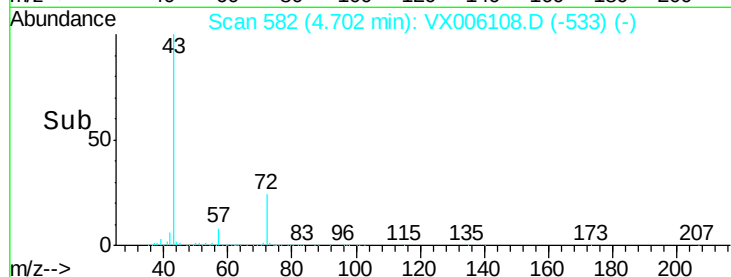
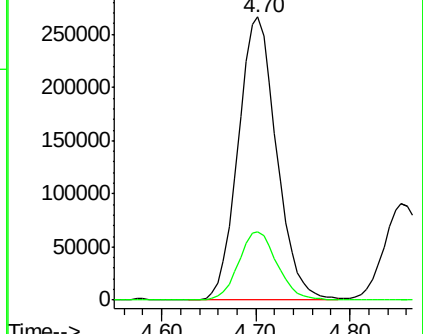
43 100

72 24.0 19.2 28.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 49.588 ug/l

RT: 4.58 min Scan# 562

Delta R.T. 0.00 min

Lab File: VX006108.D

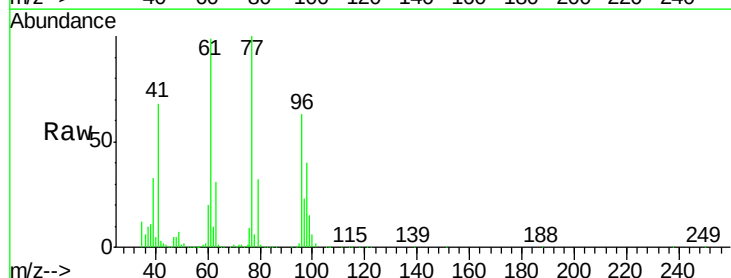
Acq: 20 Nov 2018 18:36

Tgt Ion: 77 Resp: 191299

Ion Ratio Lower Upper

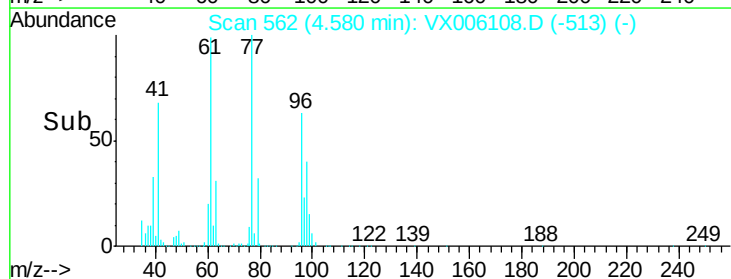
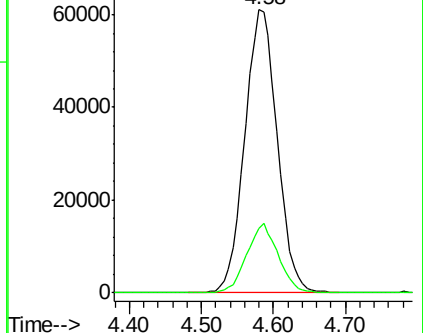
77 100

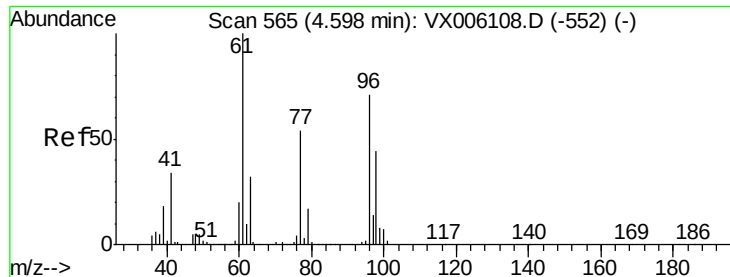
97 23.7 11.9 35.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



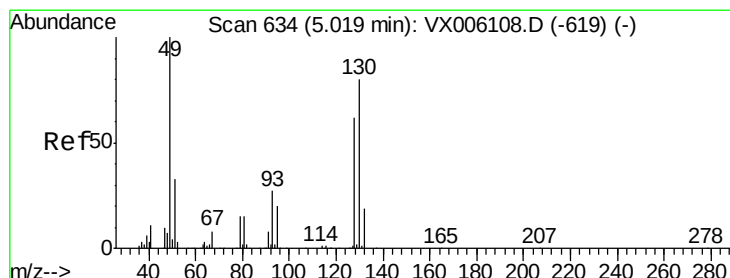
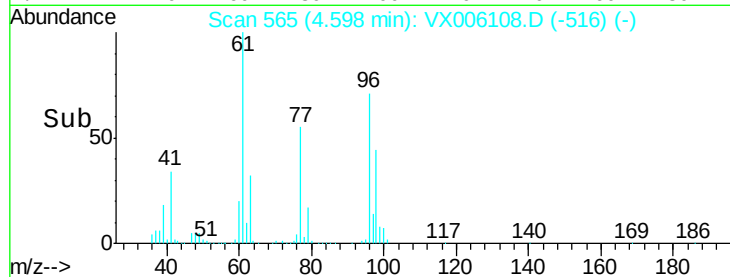
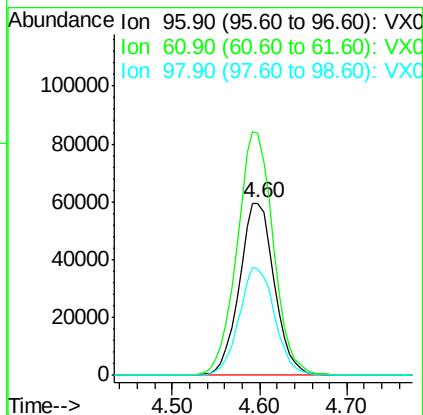
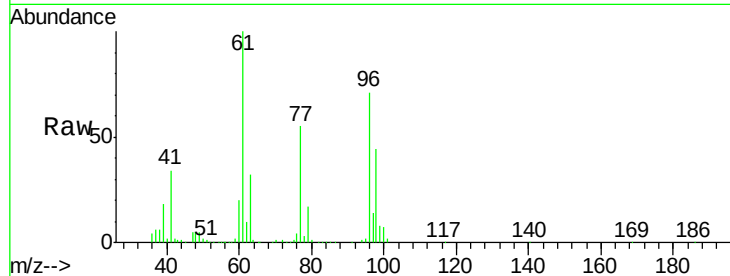


#27

cis-1,2-Dichloroethene
 Concen: 49.899 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. 0.00 min
 Lab File: VX006108.D
 Acq: 20 Nov 2018 18:36

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

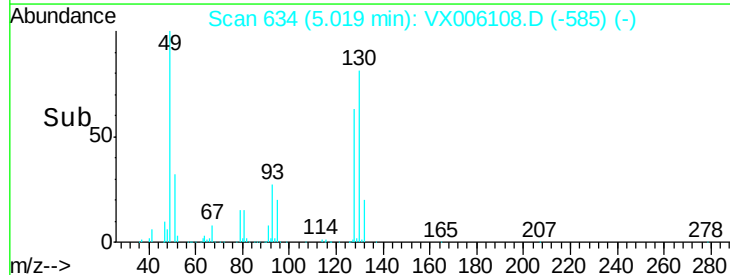
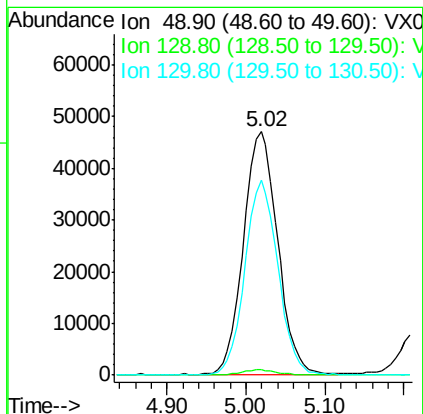
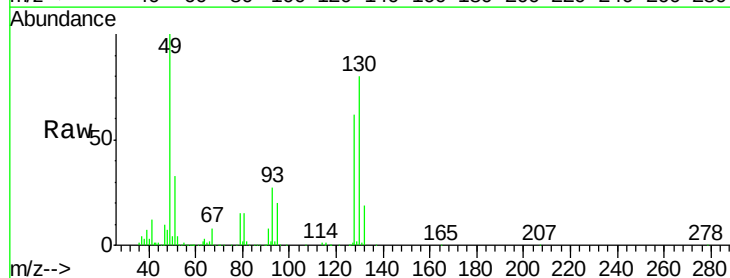
Tgt Ion: 96 Resp: 165529
 Ion Ratio Lower Upper
 96 100
 61 145.8 0.0 291.6
 98 64.1 0.0 128.2

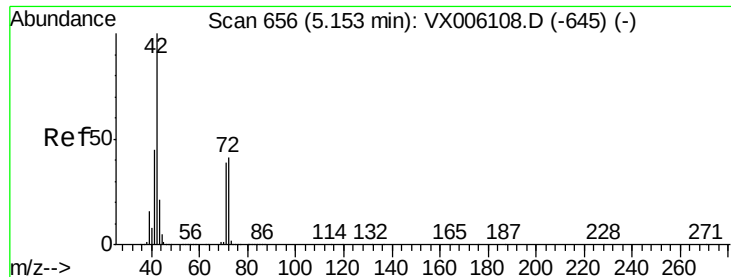


#28

Bromochloromethane
 Concen: 52.385 ug/l
 RT: 5.02 min Scan# 634
 Delta R.T. 0.00 min
 Lab File: VX006108.D
 Acq: 20 Nov 2018 18:36

Tgt Ion: 49 Resp: 142904
 Ion Ratio Lower Upper
 49 100
 129 2.2 0.0 4.4
 130 77.0 61.6 92.4

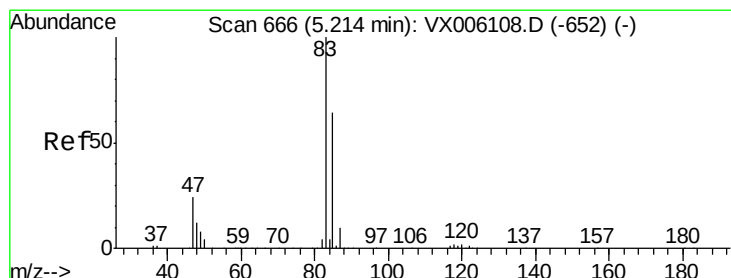
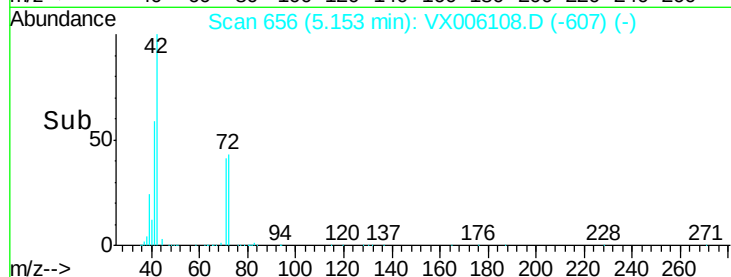
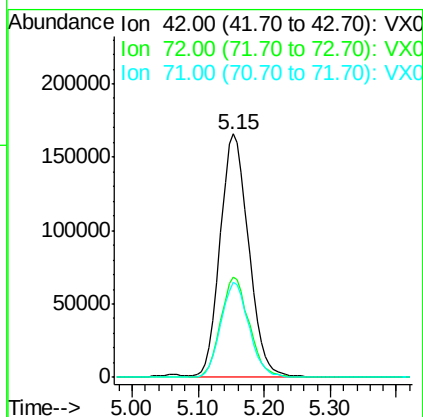
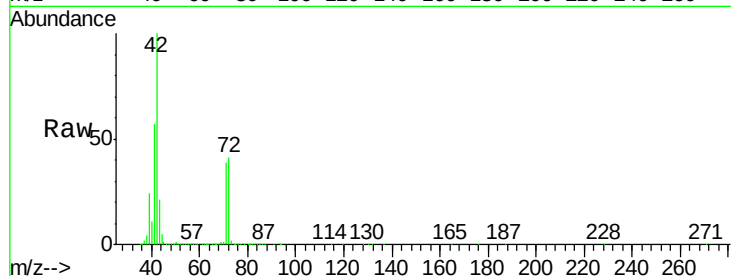




#29
Tetrahydrofuran
Concen: 263.731 ug/l
RT: 5.15 min Scan# 656
Delta R.T. 0.00 min
Lab File: VX006108.D
Acq: 20 Nov 2018 18:36

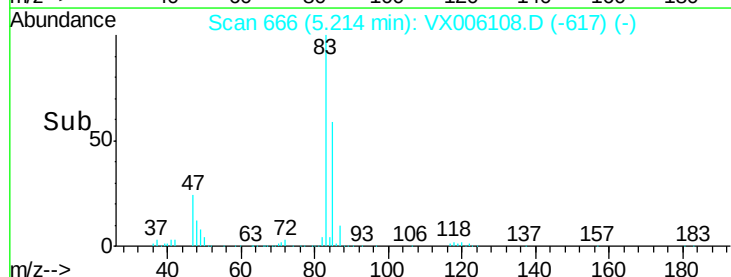
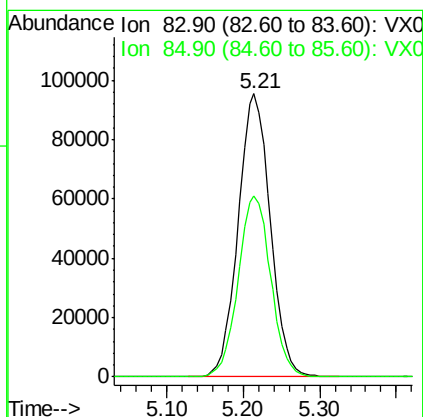
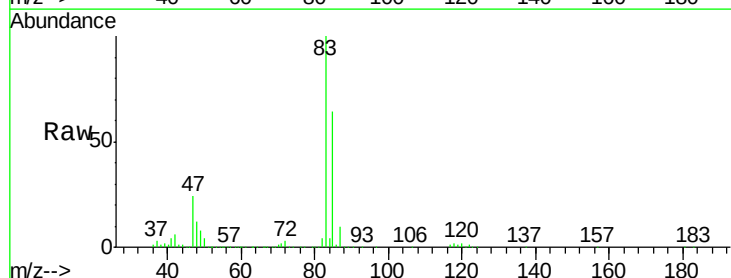
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

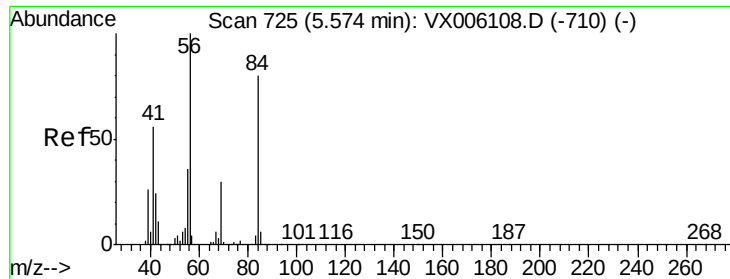
Tgt Ion: 42 Resp: 493289
Ion Ratio Lower Upper
42 100
72 41.3 33.0 49.6
71 38.7 31.0 46.4



#30
Chloroform
Concen: 49.057 ug/l
RT: 5.21 min Scan# 666
Delta R.T. 0.00 min
Lab File: VX006108.D
Acq: 20 Nov 2018 18:36

Tgt Ion: 83 Resp: 278255
Ion Ratio Lower Upper
83 100
85 63.7 51.0 76.4

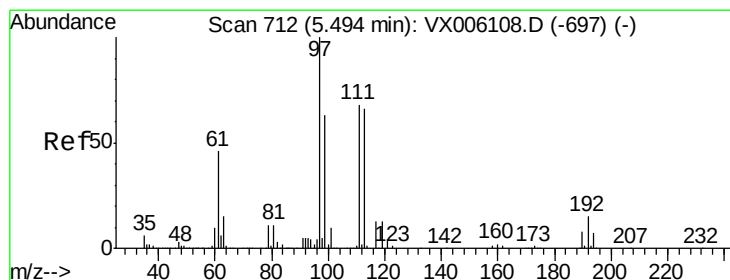
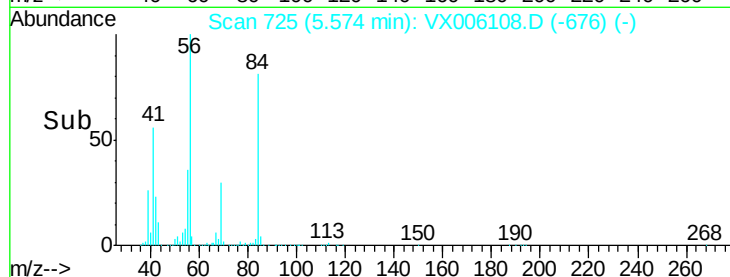
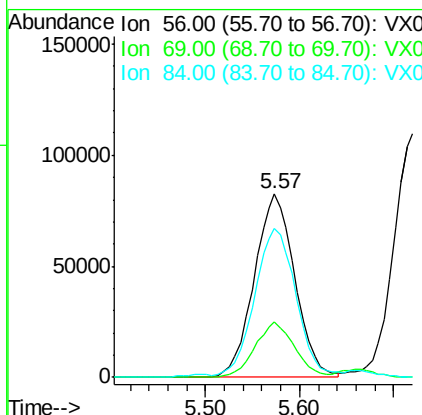
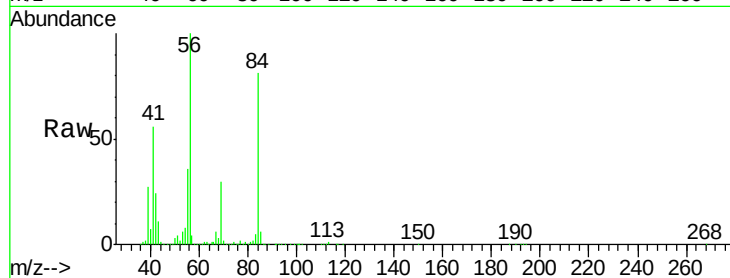




#31
Cyclohexane
Concen: 50.775 ug/l
RT: 5.57 min Scan# 725
Delta R.T. 0.00 min
Lab File: VX006108.D
Acq: 20 Nov 2018 18:36

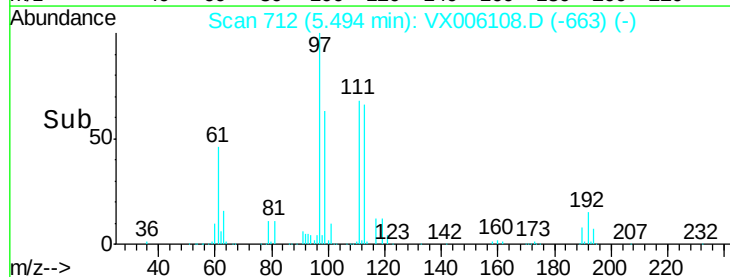
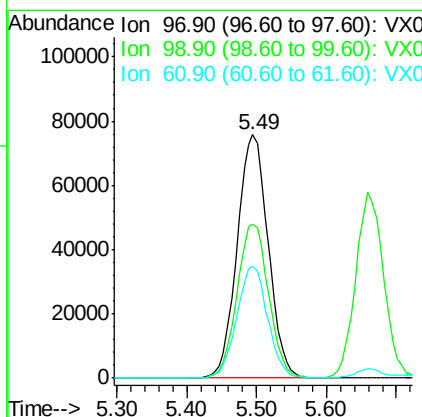
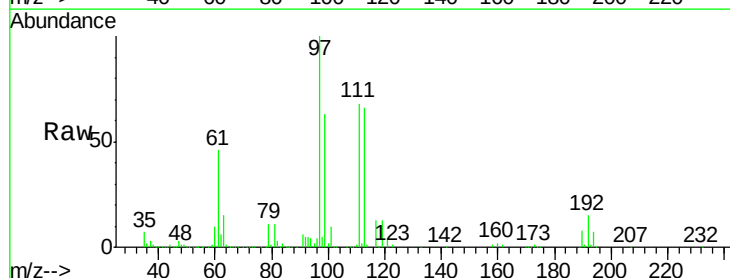
Instrument :
MSVOA_X
ClientSampled :
VSTDICCC050

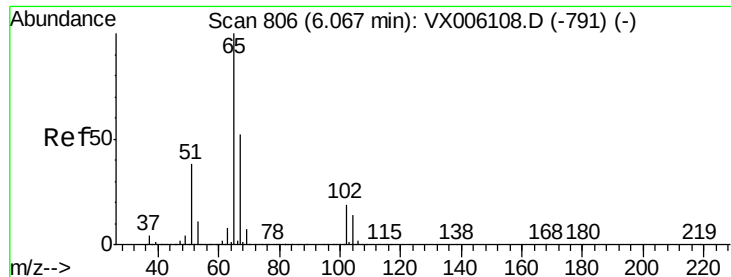
Tgt Ion: 56 Resp: 248244
Ion Ratio Lower Upper
56 100
69 29.9 23.9 35.9
84 79.5 63.6 95.4



#32
1,1,1-Trichloroethane
Concen: 50.878 ug/l
RT: 5.49 min Scan# 712
Delta R.T. 0.00 min
Lab File: VX006108.D
Acq: 20 Nov 2018 18:36

Tgt Ion: 97 Resp: 233017
Ion Ratio Lower Upper
97 100
99 64.5 51.6 77.4
61 45.8 36.6 55.0

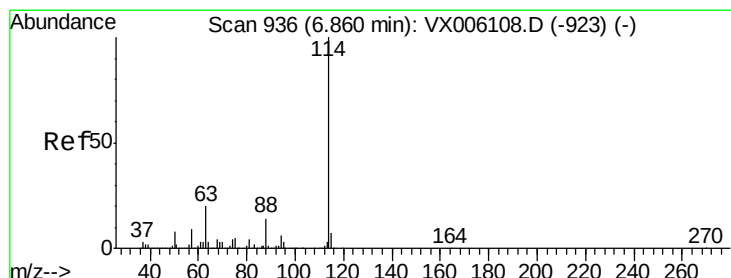
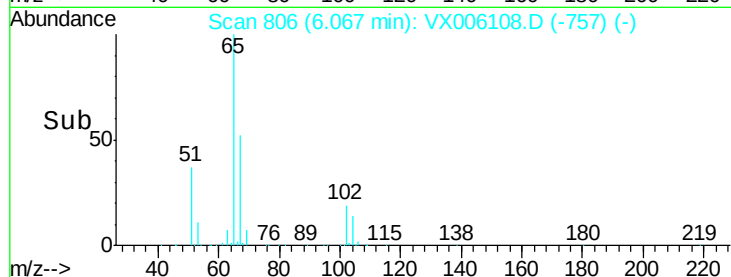
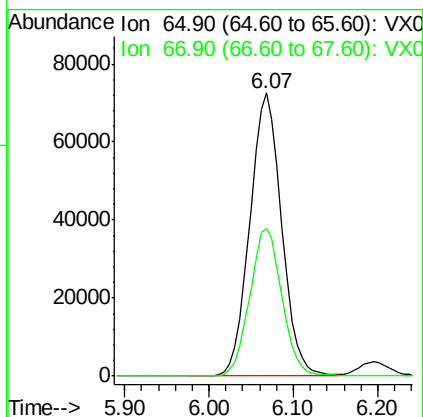
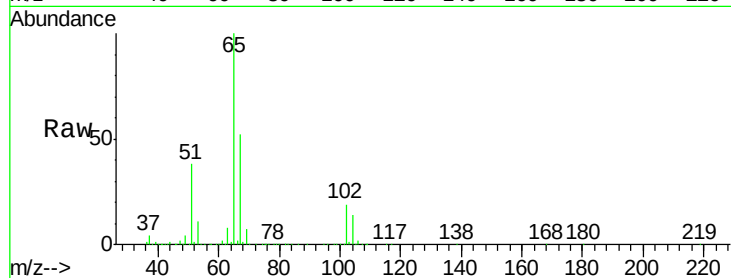




#33
 1,2-Dichloroethane-d4
 Concen: 51.486 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: VX006108.D
 Acq: 20 Nov 2018 18:36

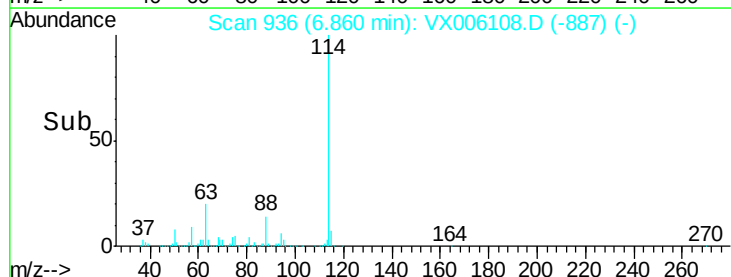
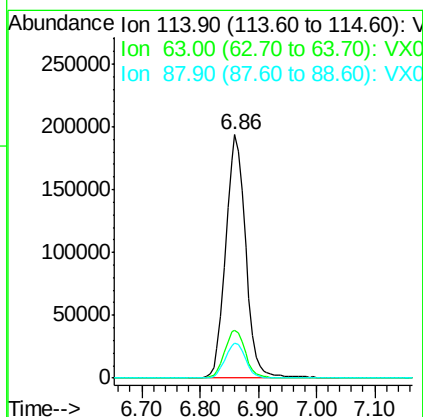
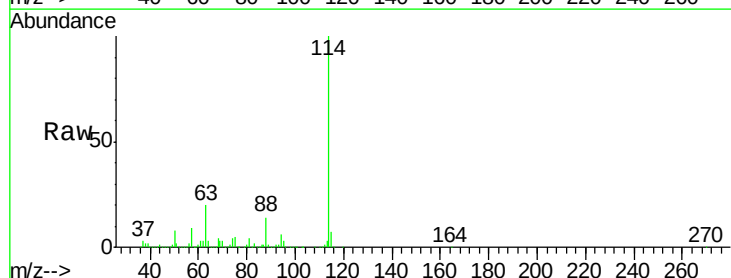
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

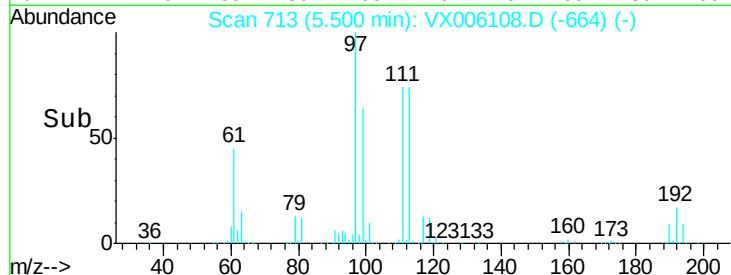
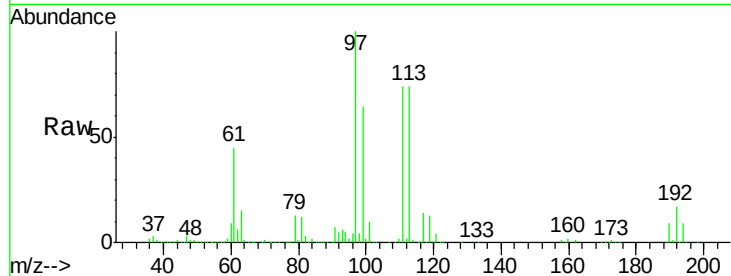
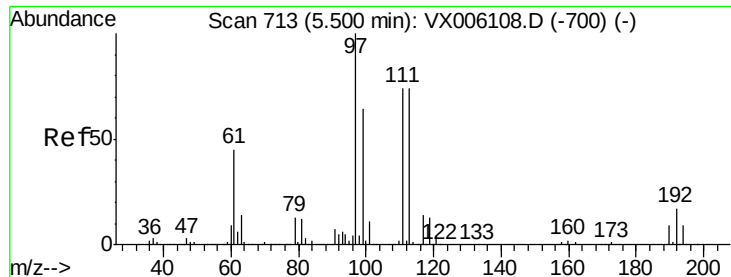
Tgt Ion: 65 Resp: 187425
 Ion Ratio Lower Upper
 65 100
 67 52.9 0.0 105.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX006108.D
 Acq: 20 Nov 2018 18:36

Tgt Ion: 114 Resp: 463957
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 39.2
 88 14.3 0.0 28.6

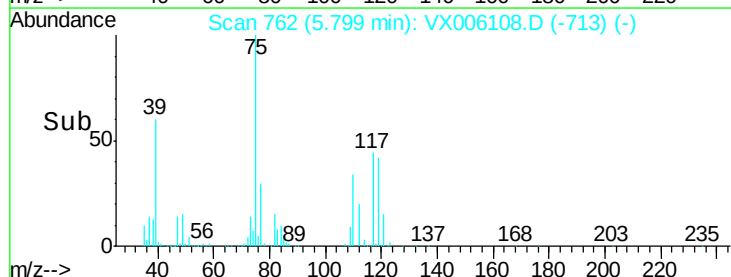
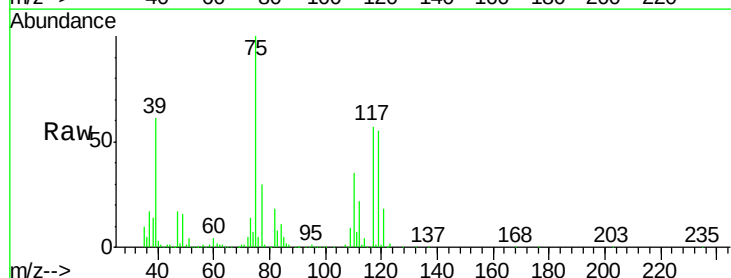
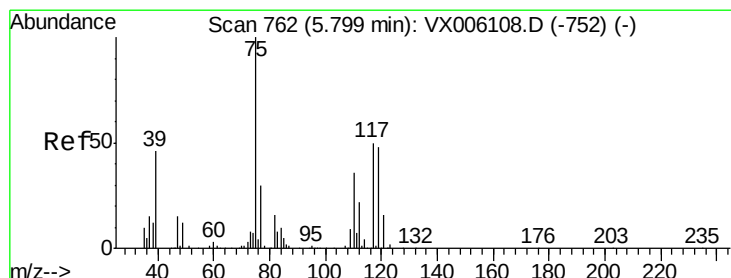
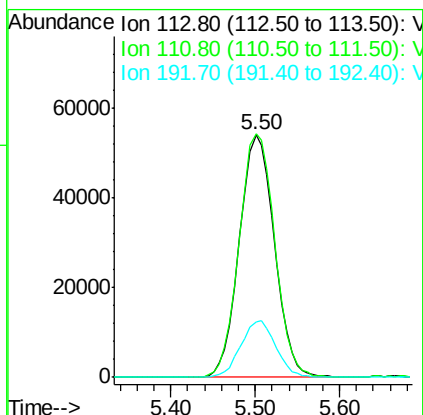




#35
Dibromofluoromethane
Concen: 51.098 ug/l
RT: 5.50 min Scan# 713
Delta R.T. 0.00 min
Lab File: VX006108.D
Acq: 20 Nov 2018 18:36

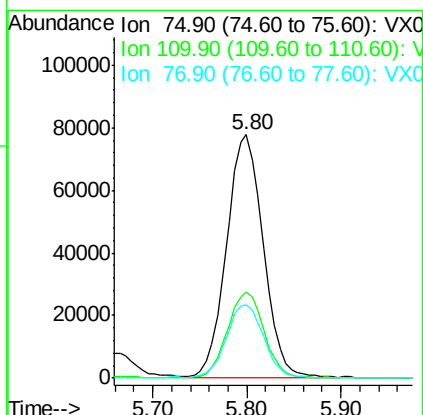
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

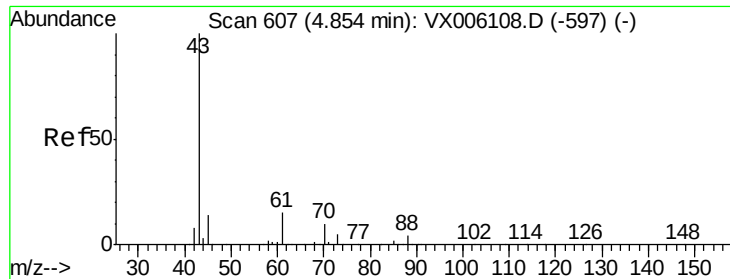
Tgt Ion:113 Resp: 152180
Ion Ratio Lower Upper
113 100
111 101.9 81.5 122.3
192 23.3 18.6 28.0



#36
1,1-Dichloropropene
Concen: 49.650 ug/l
RT: 5.80 min Scan# 762
Delta R.T. 0.00 min
Lab File: VX006108.D
Acq: 20 Nov 2018 18:36

Tgt Ion: 75 Resp: 209565
Ion Ratio Lower Upper
75 100
110 35.5 17.8 53.3
77 30.6 24.5 36.7

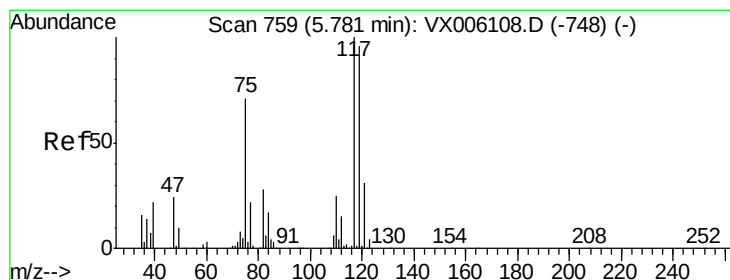
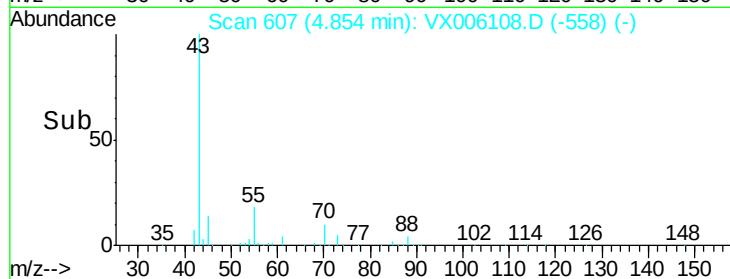
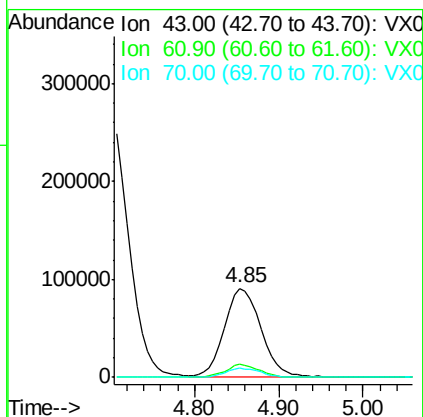
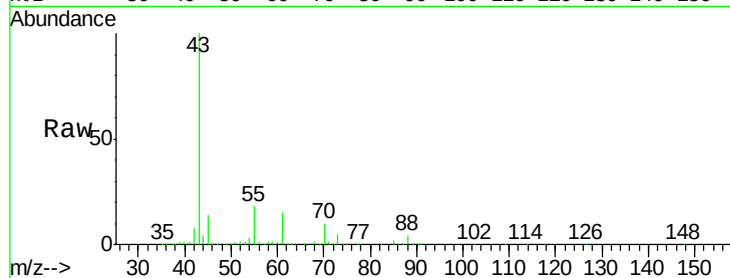




#37
 Ethyl Acetate
 Concen: 49.474 ug/l
 RT: 4.85 min Scan# 607
 Delta R.T. 0.00 min
 Lab File: VX006108.D
 Acq: 20 Nov 2018 18:36

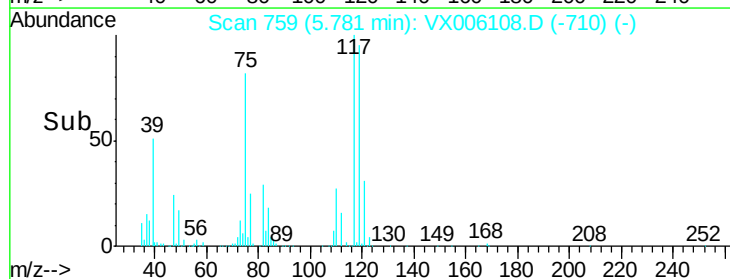
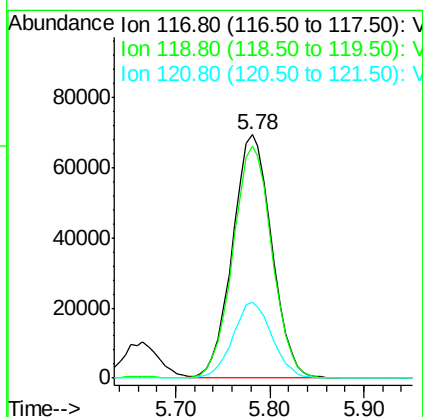
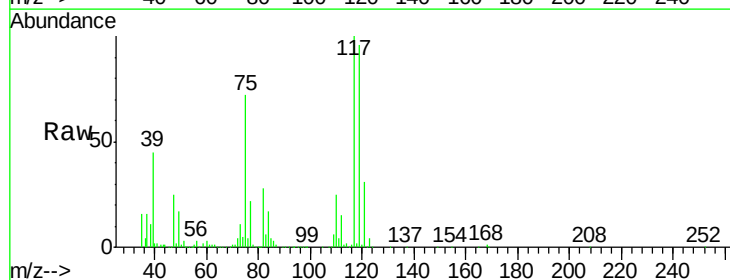
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

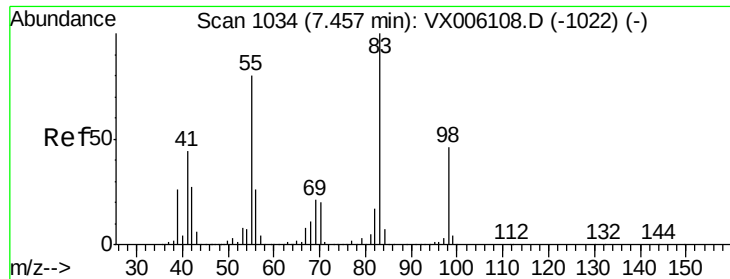
Tgt Ion: 43 Resp: 268665
 Ion Ratio Lower Upper
 43 100
 61 13.1 10.5 15.7
 70 9.9 7.9 11.9



#38
 Carbon Tetrachloride
 Concen: 50.765 ug/l
 RT: 5.78 min Scan# 759
 Delta R.T. 0.00 min
 Lab File: VX006108.D
 Acq: 20 Nov 2018 18:36

Tgt Ion: 117 Resp: 201399
 Ion Ratio Lower Upper
 117 100
 119 95.4 76.3 114.5
 121 30.9 24.7 37.1

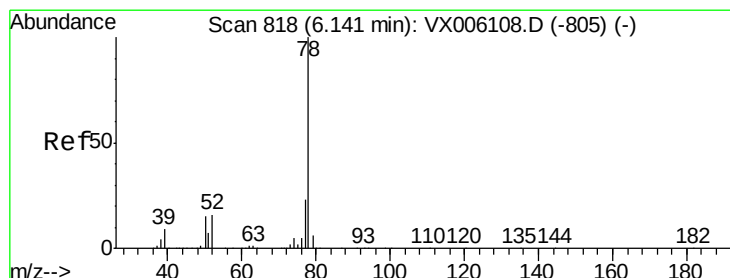
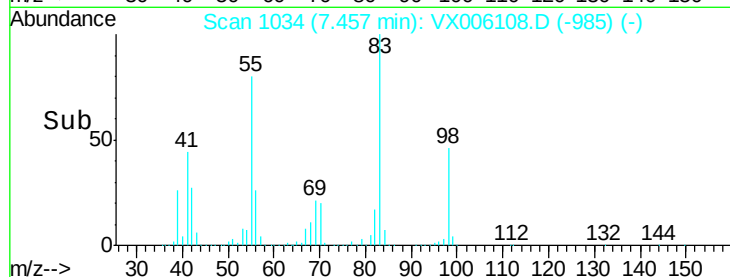
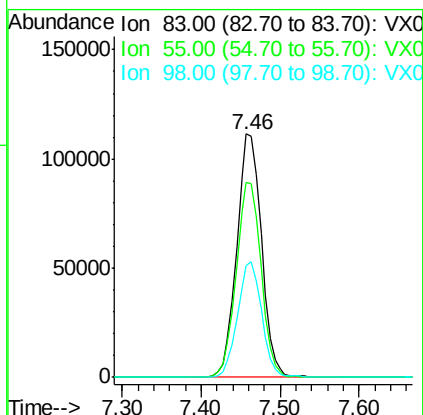
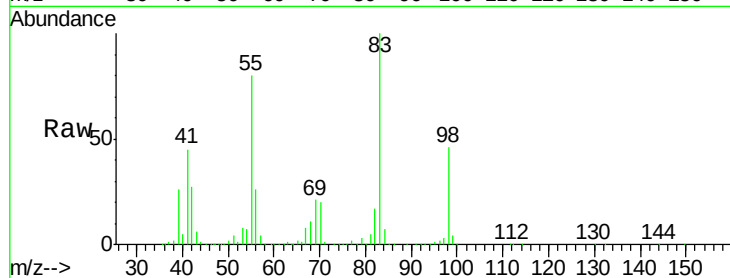




#39
Methylcyclohexane
Concen: 50.693 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. 0.00 min
Lab File: VX006108.D
Acq: 20 Nov 2018 18:36

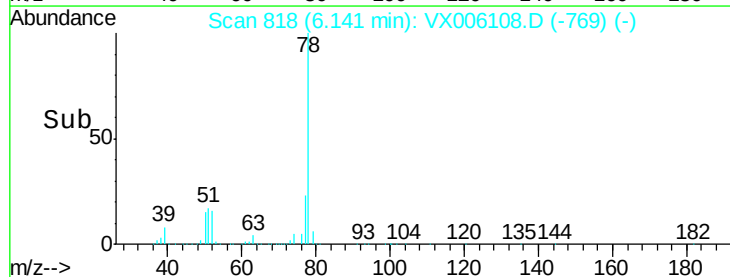
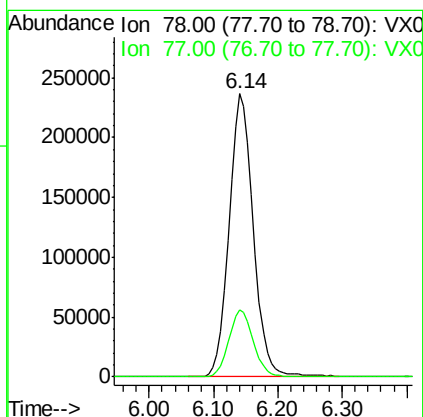
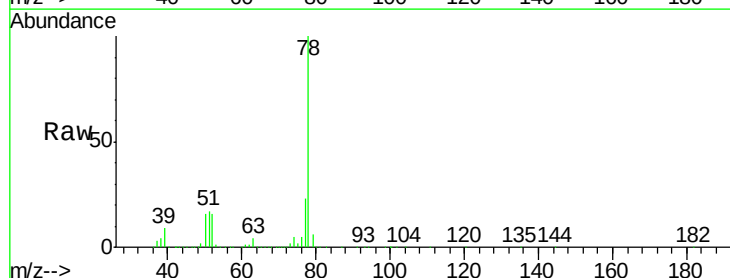
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

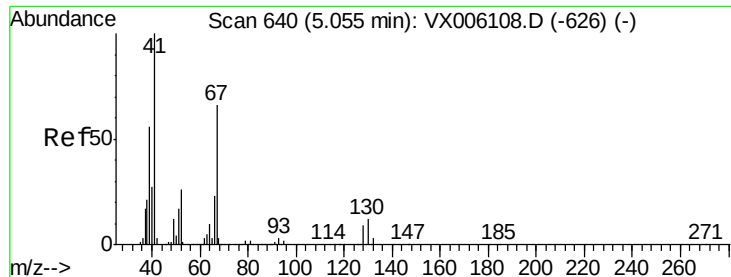
Tgt Ion: 83 Resp: 243765
Ion Ratio Lower Upper
83 100
55 79.9 63.9 95.9
98 46.0 36.8 55.2



#40
Benzene
Concen: 50.142 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX006108.D
Acq: 20 Nov 2018 18:36

Tgt Ion: 78 Resp: 623537
Ion Ratio Lower Upper
78 100
77 23.5 18.8 28.2





#41

Methacrylonitrile

Concen: 50.556 ug/l

RT: 5.06 min Scan# 640

Delta R.T. 0.00 min

Lab File: VX006108.D

Acq: 20 Nov 2018 18:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 41 Resp: 151296

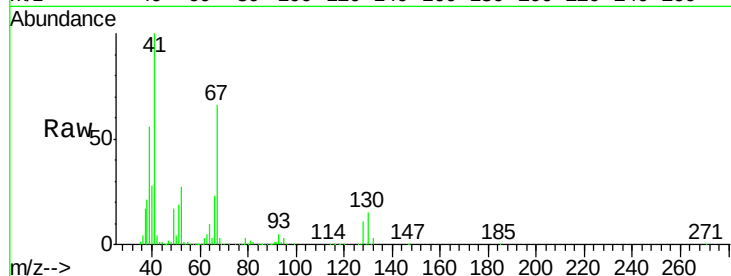
Ion Ratio Lower Upper

41 100

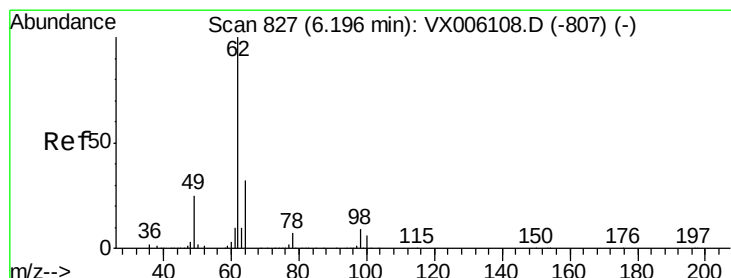
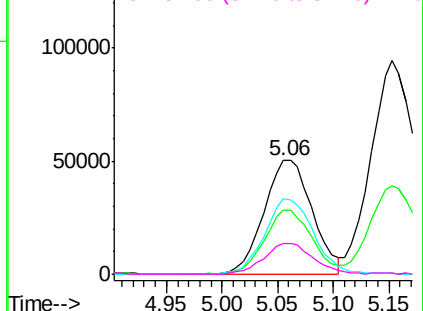
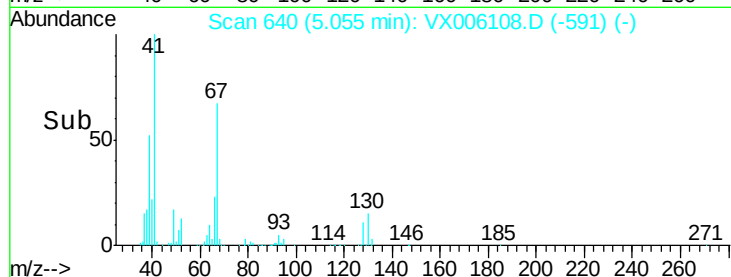
39 55.1 44.1 66.1

67 67.6 54.1 81.1

52 27.1 21.7 32.5



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: 49.057 ug/l

RT: 6.20 min Scan# 827

Delta R.T. 0.00 min

Lab File: VX006108.D

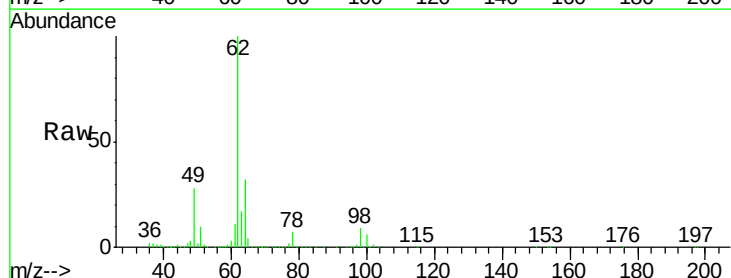
Acq: 20 Nov 2018 18:36

Tgt Ion: 62 Resp: 228073

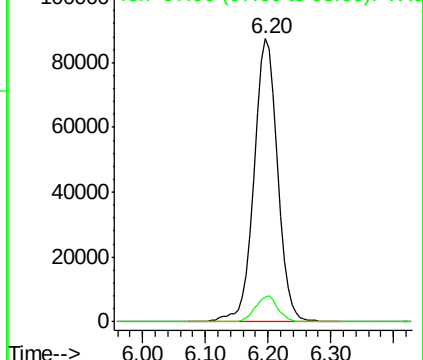
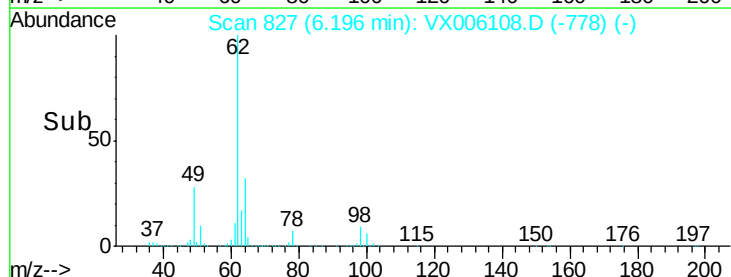
Ion Ratio Lower Upper

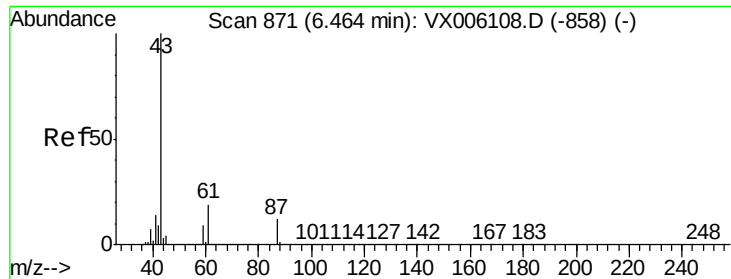
62 100

98 8.9 0.0 17.8



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





#43

Isopropyl Acetate

Concen: 51.182 ug/l

RT: 6.46 min Scan# 871

Delta R.T. 0.00 min

Lab File: VX006108.D

Acq: 20 Nov 2018 18:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

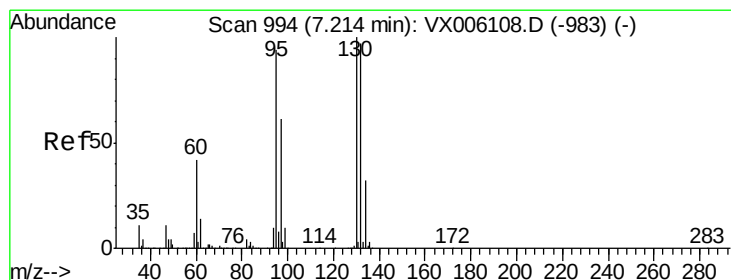
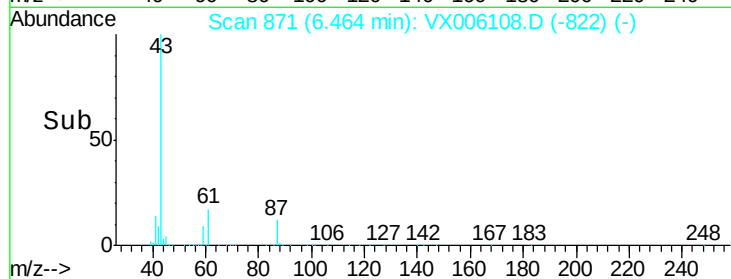
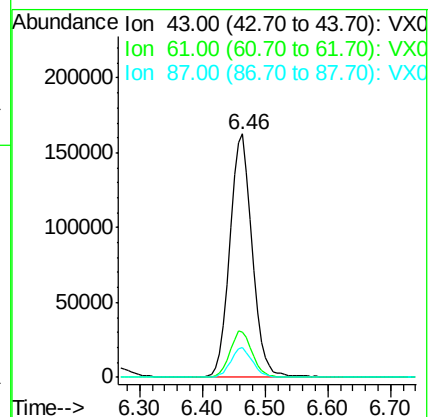
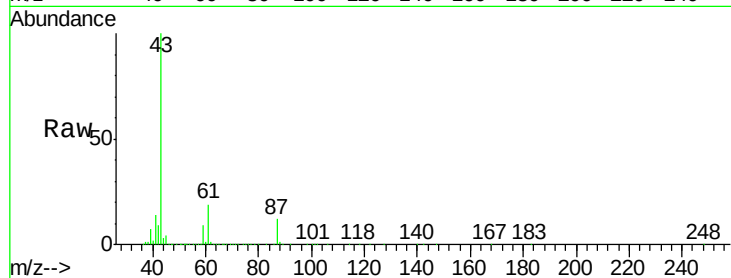
Tgt Ion: 43 Resp: 401387

Ion Ratio Lower Upper

43 100

61 19.0 15.2 22.8

87 12.0 9.6 14.4



#44

Trichloroethene

Concen: 50.312 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.00 min

Lab File: VX006108.D

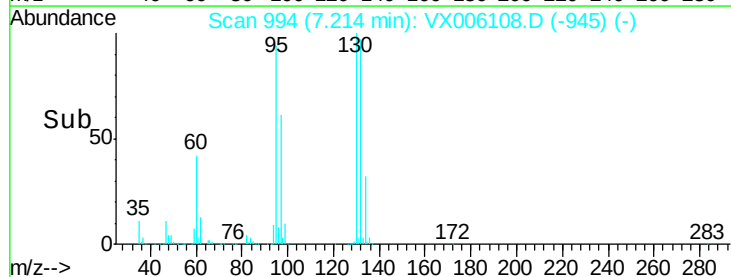
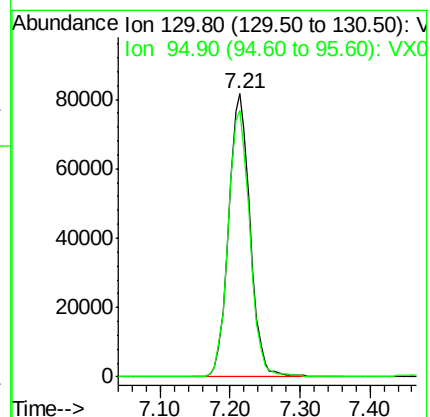
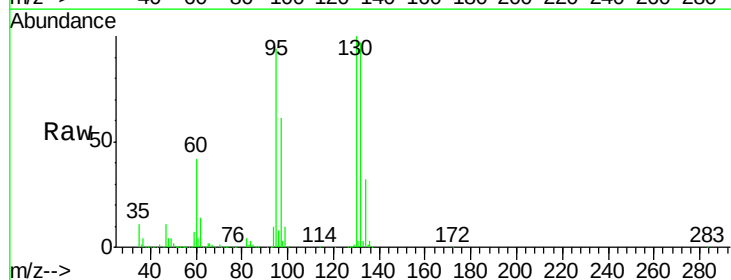
Acq: 20 Nov 2018 18:36

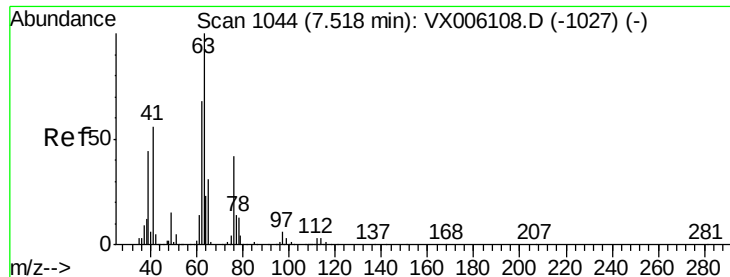
Tgt Ion: 130 Resp: 173889

Ion Ratio Lower Upper

130 100

95 94.4 0.0 188.8





#45

1,2-Dichloropropane

Concen: 50.381 ug/l

RT: 7.52 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VX006108.D

Acq: 20 Nov 2018 18:36

Instrument :

MSVOA_X

ClientSampleId :

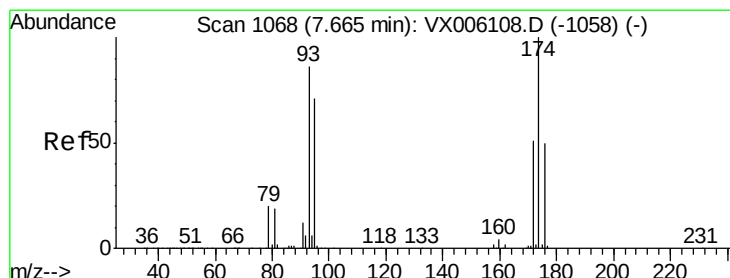
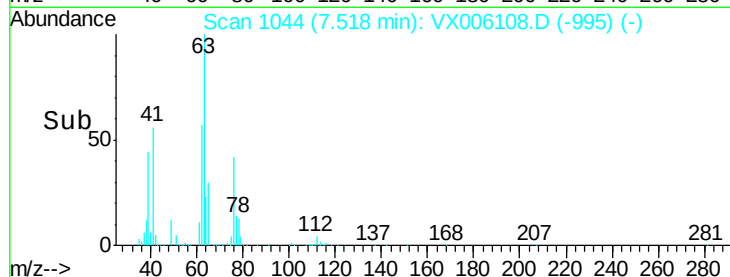
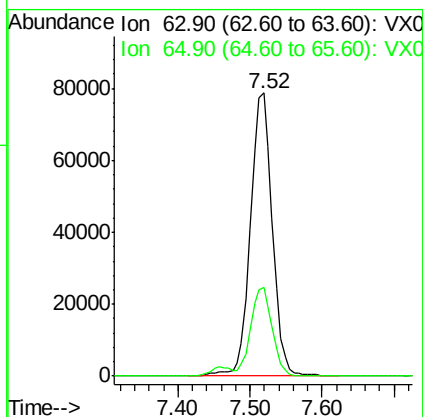
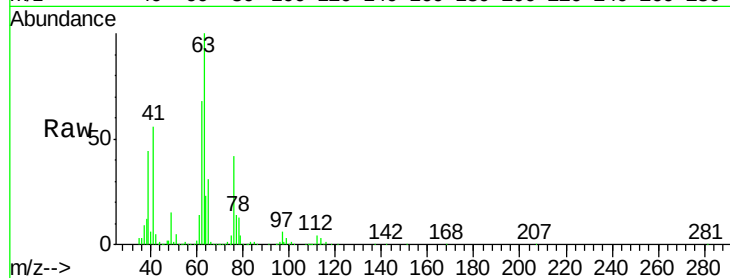
VSTDICCC050

Tgt Ion: 63 Resp: 165803

Ion Ratio Lower Upper

63 100

65 31.0 24.8 37.2



#46

Dibromomethane

Concen: 49.141 ug/l

RT: 7.66 min Scan# 1068

Delta R.T. 0.00 min

Lab File: VX006108.D

Acq: 20 Nov 2018 18:36

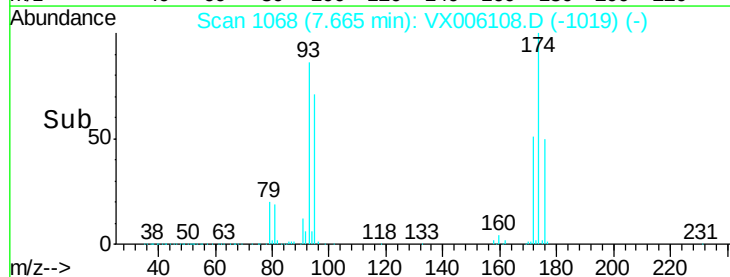
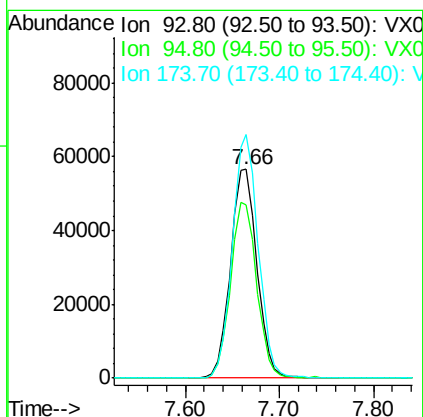
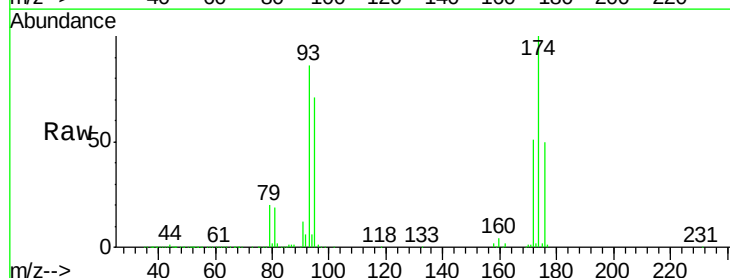
Tgt Ion: 93 Resp: 110753

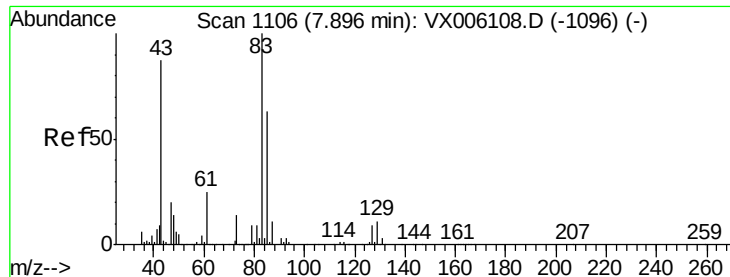
Ion Ratio Lower Upper

93 100

95 82.9 66.3 99.5

174 113.8 91.0 136.6





#47

Bromodichloromethane

Concen: 50.209 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX006108.D

Acq: 20 Nov 2018 18:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

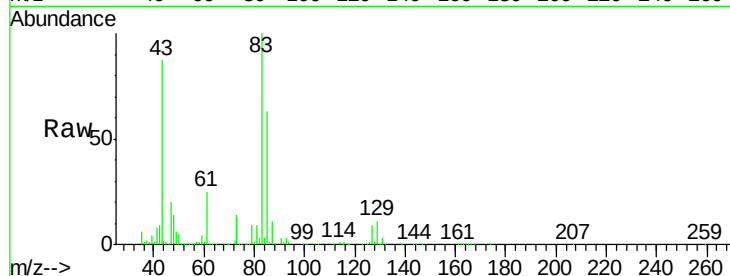
Tgt Ion: 83 Resp: 209291

Ion Ratio Lower Upper

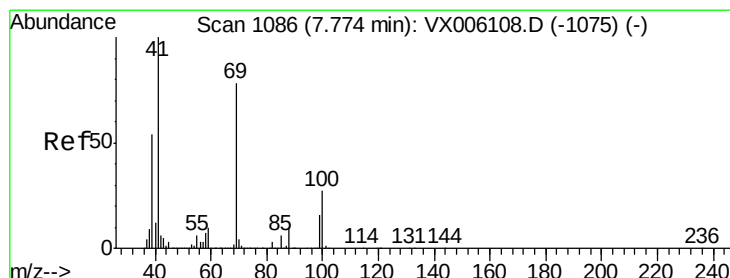
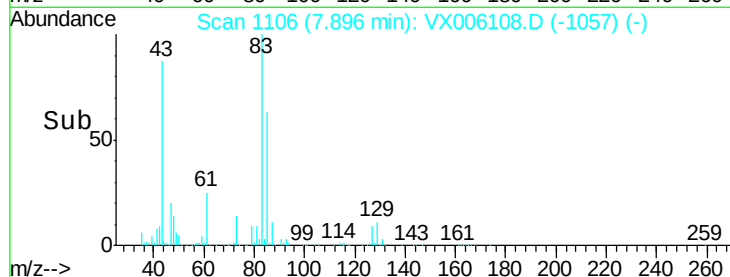
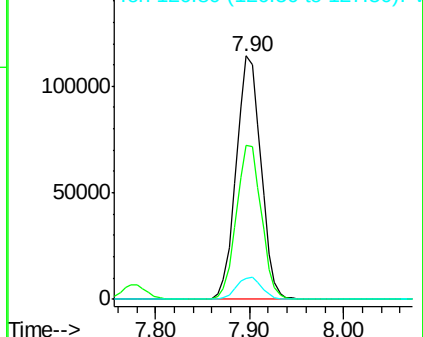
83 100

85 63.0 50.4 75.6

127 8.7 7.0 10.4



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: 53.769 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. 0.00 min

Lab File: VX006108.D

Acq: 20 Nov 2018 18:36

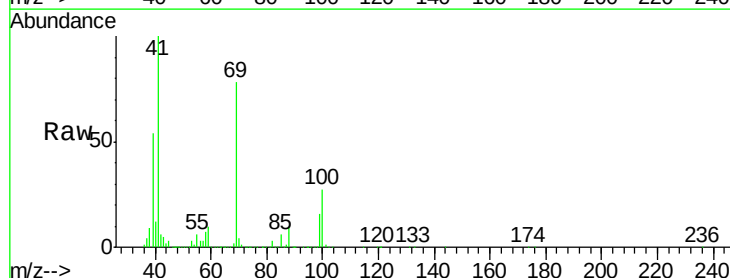
Tgt Ion: 41 Resp: 213859

Ion Ratio Lower Upper

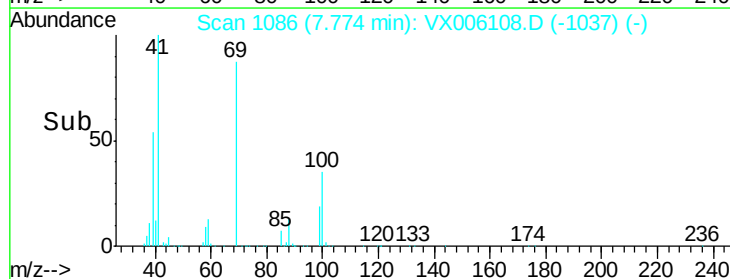
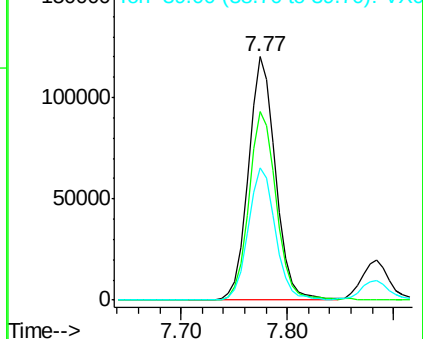
41 100

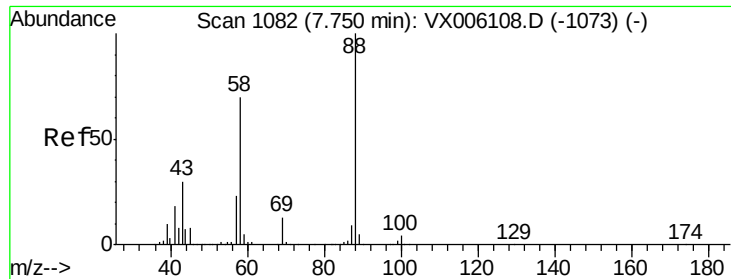
69 78.5 62.8 94.2

39 54.7 43.8 65.6



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

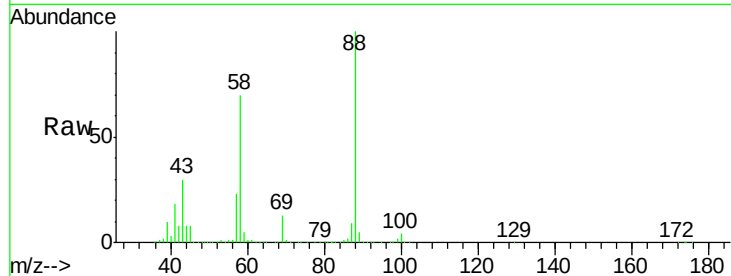




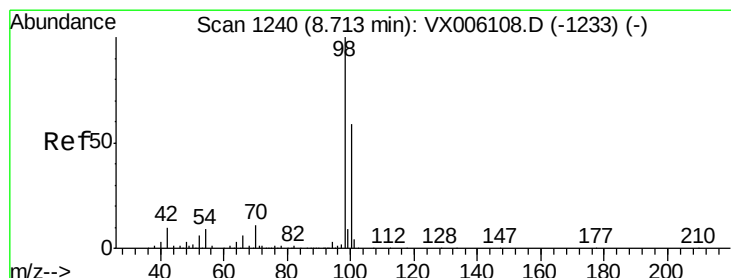
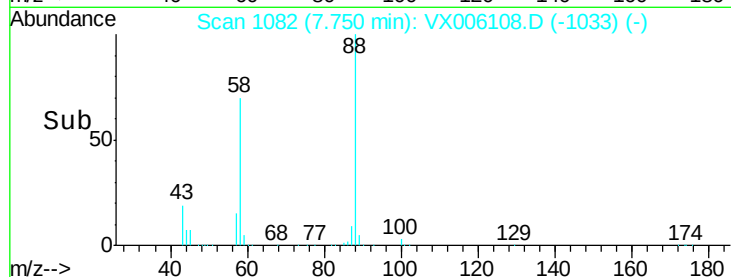
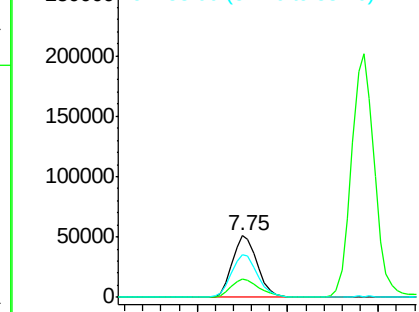
#49
1,4-Dioxane
Concen: 1035.184 ug/l
RT: 7.75 min Scan# 1082
Delta R.T. 0.00 min
Lab File: VX006108.D
Acq: 20 Nov 2018 18:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 88 Resp: 97682
Ion Ratio Lower Upper
88 100
43 33.4 26.7 40.1
58 73.1 58.5 87.7

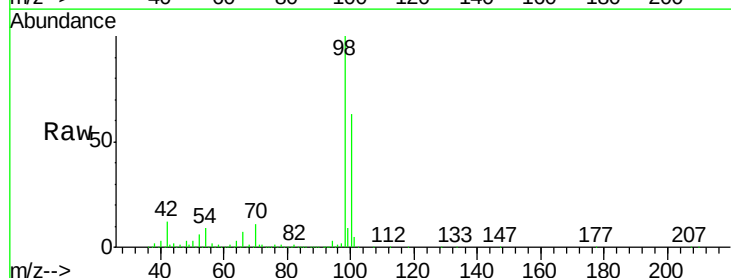


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

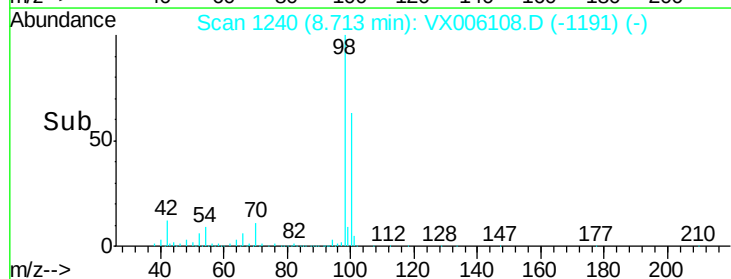
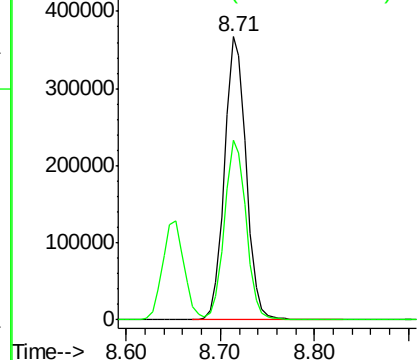


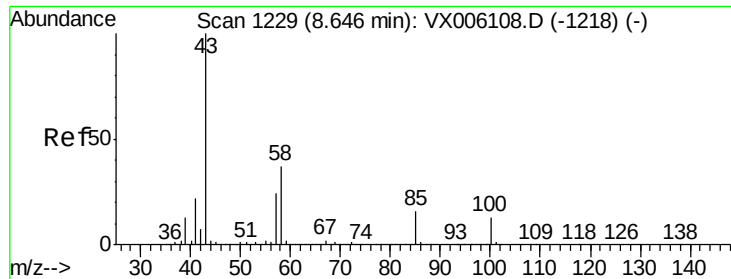
#50
Toluene-d8
Concen: 51.084 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX006108.D
Acq: 20 Nov 2018 18:36

Tgt Ion: 98 Resp: 580282
Ion Ratio Lower Upper
98 100
100 63.7 51.0 76.4



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): VX0

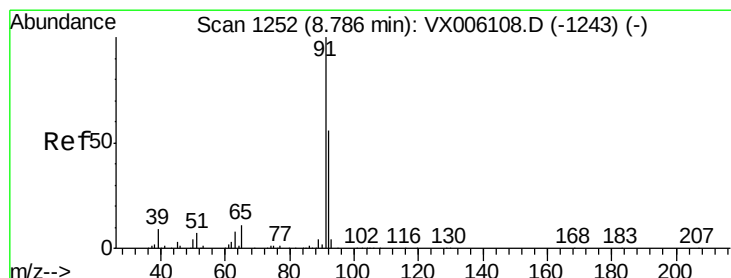
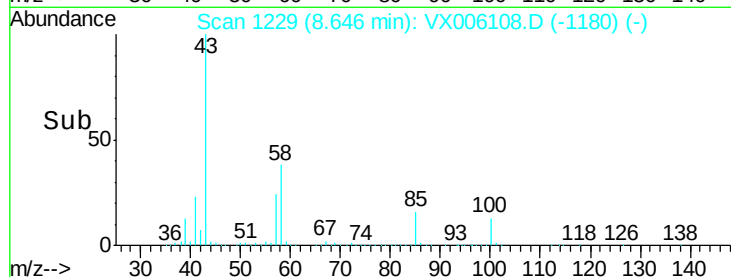
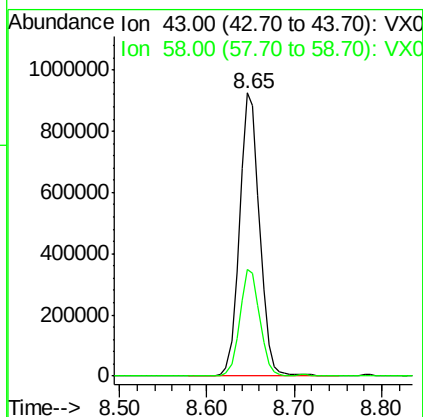
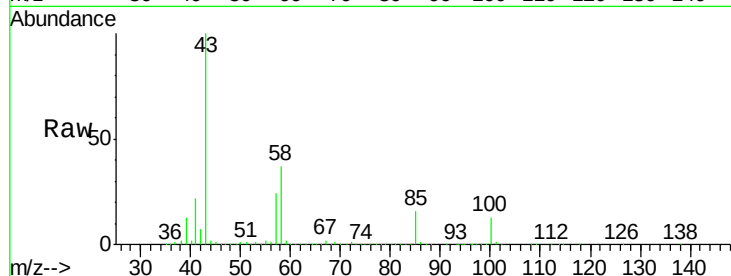




#51
 4-Methyl-2-Pentanone
 Concen: 262.861 ug/l
 RT: 8.65 min Scan# 1229
 Delta R.T. 0.00 min
 Lab File: VX006108.D
 Acq: 20 Nov 2018 18:36

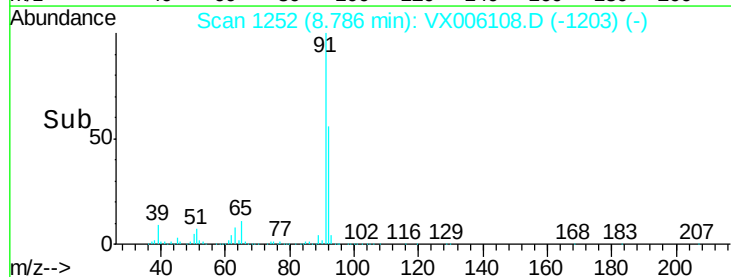
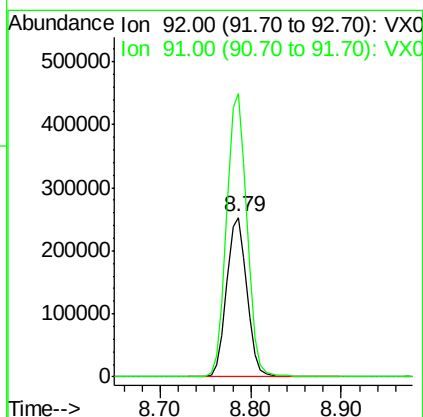
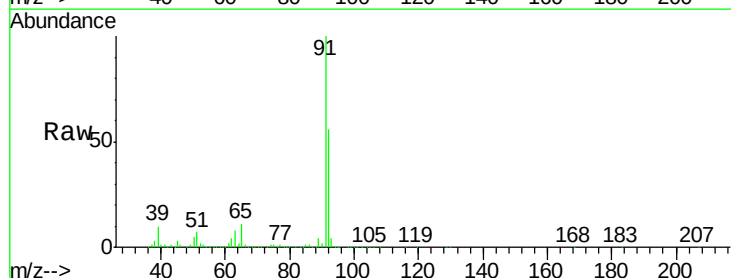
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

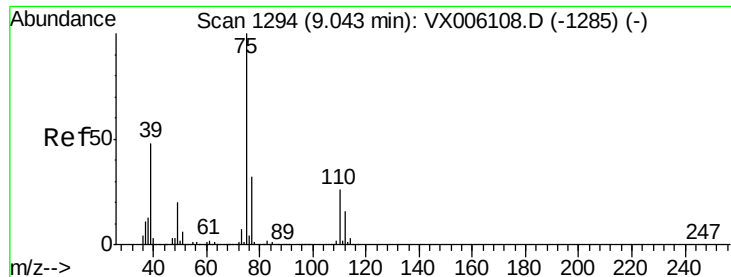
Tgt Ion: 43 Resp: 1477858
 Ion Ratio Lower Upper
 43 100
 58 37.4 29.9 44.9



#52
 Toluene
 Concen: 51.056 ug/l
 RT: 8.79 min Scan# 1252
 Delta R.T. 0.00 min
 Lab File: VX006108.D
 Acq: 20 Nov 2018 18:36

Tgt Ion: 92 Resp: 392703
 Ion Ratio Lower Upper
 92 100
 91 178.1 142.5 213.7





#53

t-1,3-Dichloropropene

Concen: 51.600 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. 0.00 min

Lab File: VX006108.D

Acq: 20 Nov 2018 18:36

Instrument :

MSVOA_X

ClientSampleId :

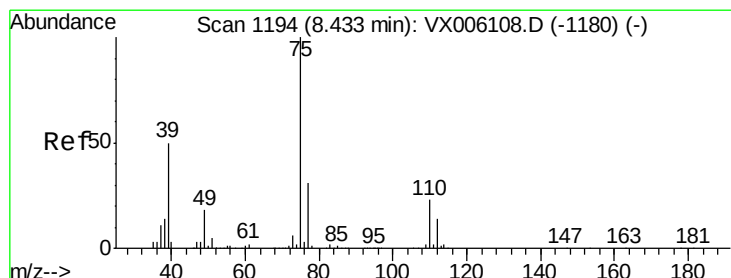
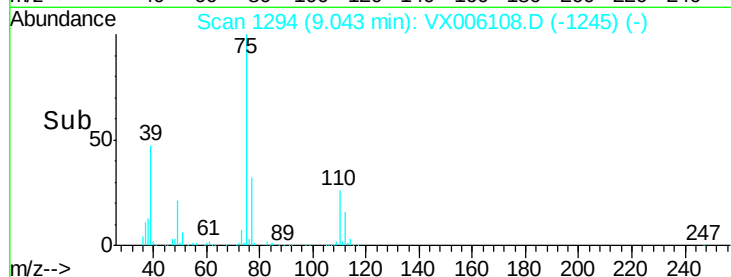
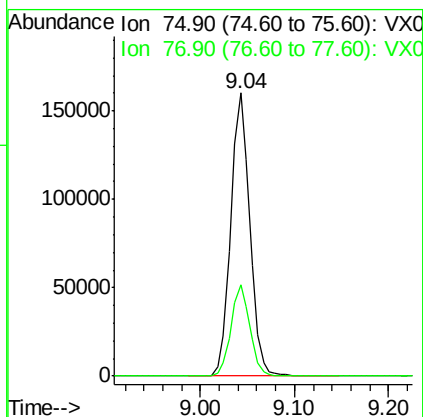
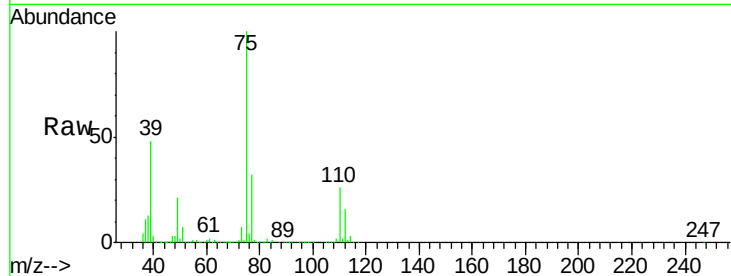
VSTDICCC050

Tgt Ion: 75 Resp: 224454

Ion Ratio Lower Upper

75 100

77 32.1 25.7 38.5



#54

cis-1,3-Dichloropropene

Concen: 51.818 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. 0.00 min

Lab File: VX006108.D

Acq: 20 Nov 2018 18:36

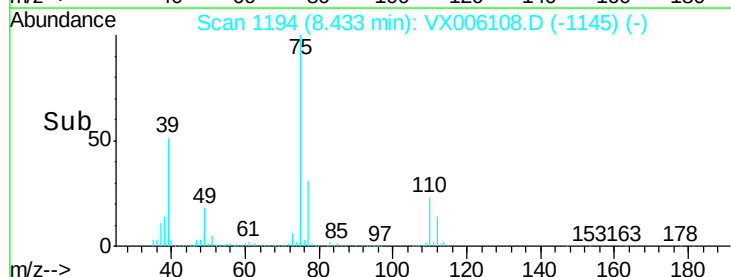
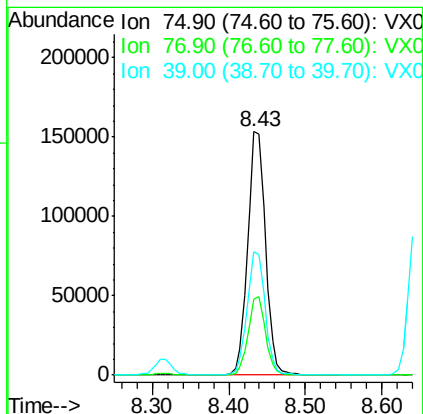
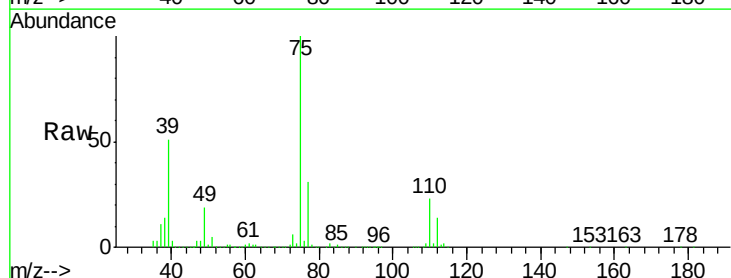
Tgt Ion: 75 Resp: 249174

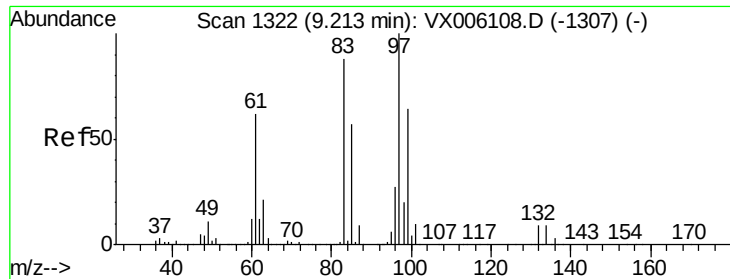
Ion Ratio Lower Upper

75 100

77 30.9 24.7 37.1

39 50.4 40.3 60.5



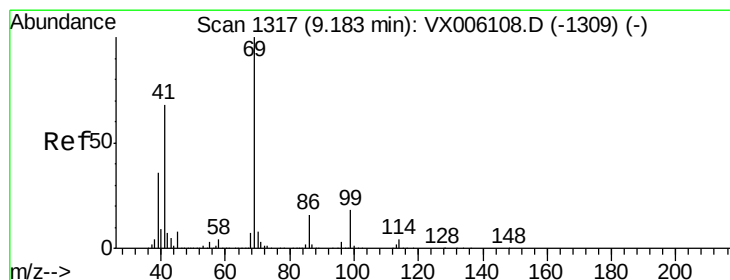
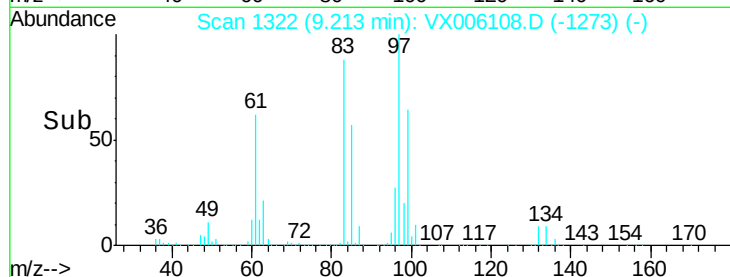
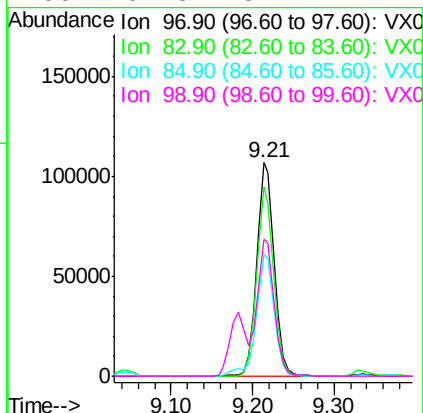
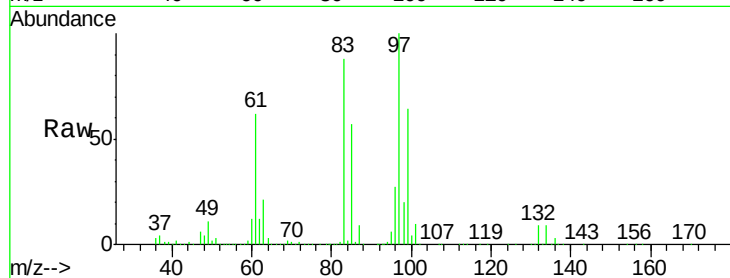


#55
 1,1,2-Trichloroethane
 Concen: 49.020 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX006108.D
 Acq: 20 Nov 2018 18:36

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tgt Ion: 97 Resp: 163293

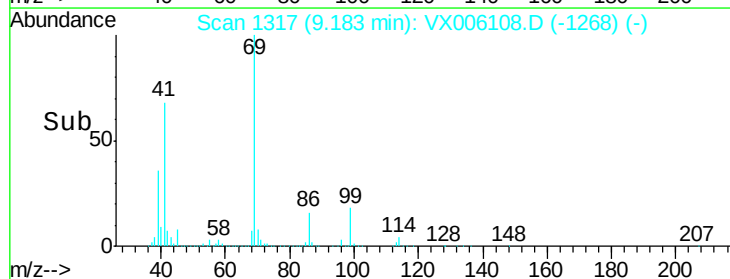
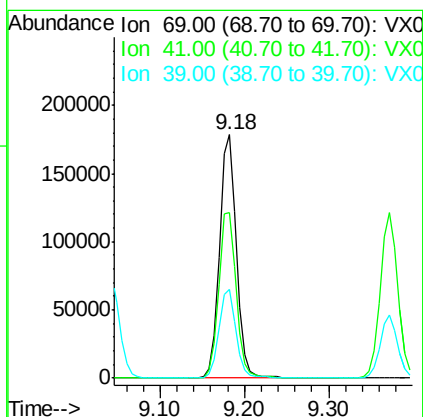
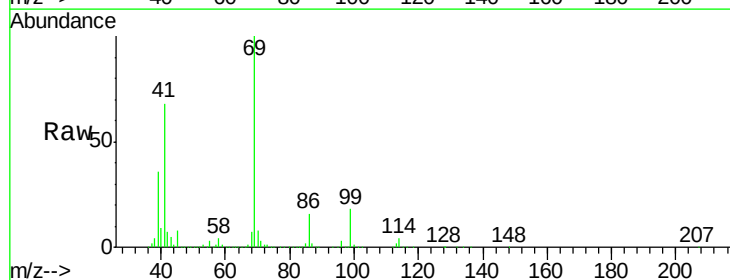
Ion	Ratio	Lower	Upper
97	100		
83	88.4	70.7	106.1
85	57.1	45.7	68.5
99	64.3	51.4	77.2

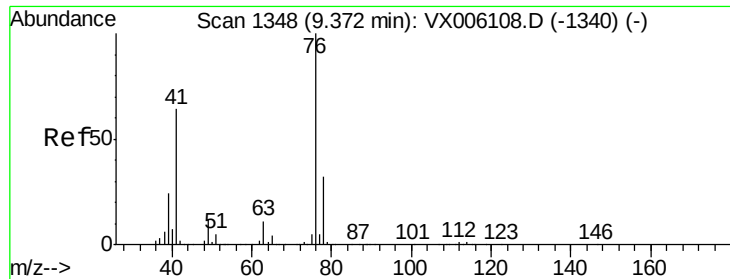


#56
 Ethyl methacrylate
 Concen: 54.208 ug/l
 RT: 9.18 min Scan# 1317
 Delta R.T. 0.00 min
 Lab File: VX006108.D
 Acq: 20 Nov 2018 18:36

Tgt Ion: 69 Resp: 247936

Ion	Ratio	Lower	Upper
69	100		
41	70.3	56.2	84.4
39	36.7	29.4	44.0





#57

1,3-Dichloropropane

Concen: 49.747 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.00 min

Lab File: VX006108.D

Acq: 20 Nov 2018 18:36

Instrument :

MSVOA_X

ClientSampleId :

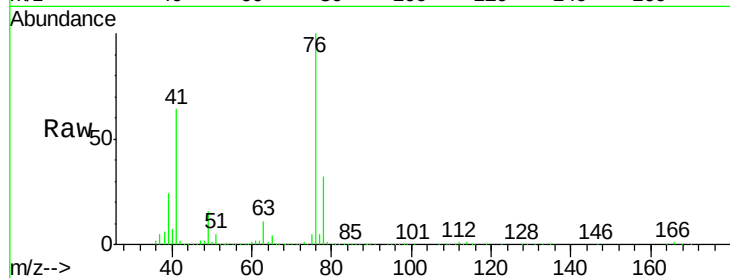
VSTDICCC050

Tgt Ion: 76 Resp: 273147

Ion Ratio Lower Upper

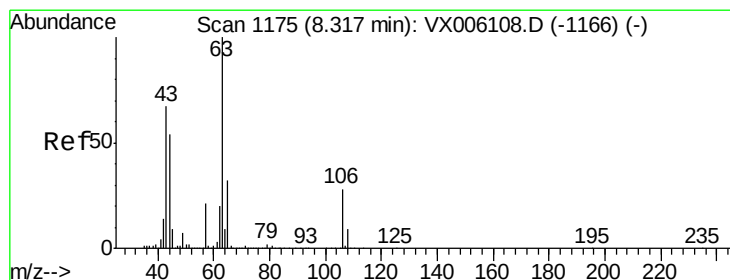
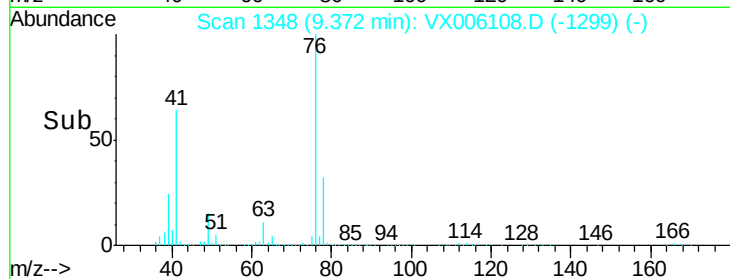
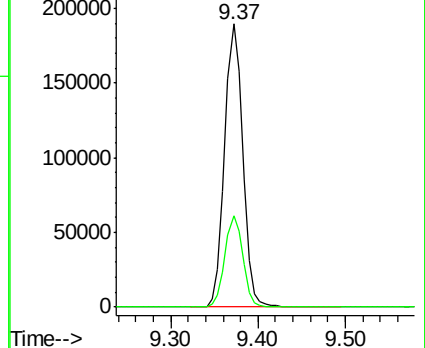
76 100

78 32.1 25.7 38.5



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 272.705 ug/l

RT: 8.32 min Scan# 1175

Delta R.T. 0.00 min

Lab File: VX006108.D

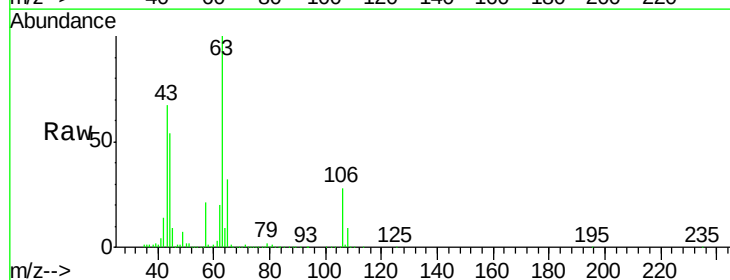
Acq: 20 Nov 2018 18:36

Tgt Ion: 63 Resp: 716861

Ion Ratio Lower Upper

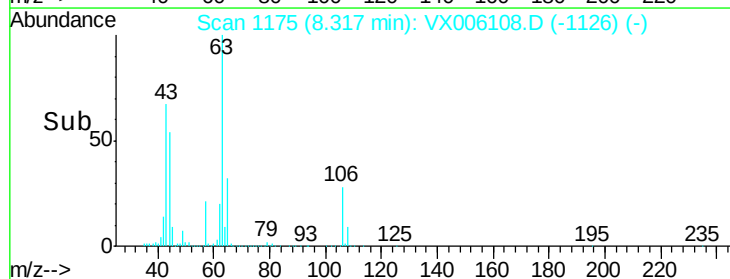
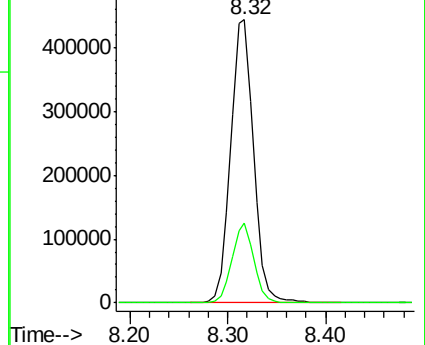
63 100

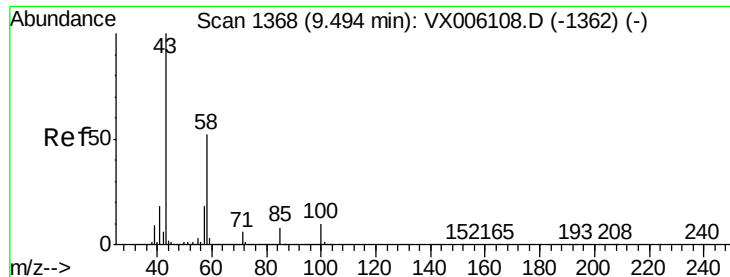
106 27.1 21.7 32.5



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

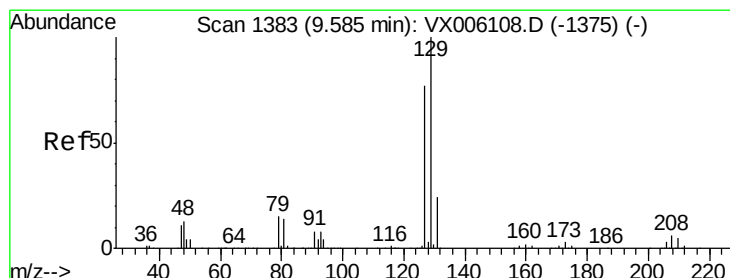
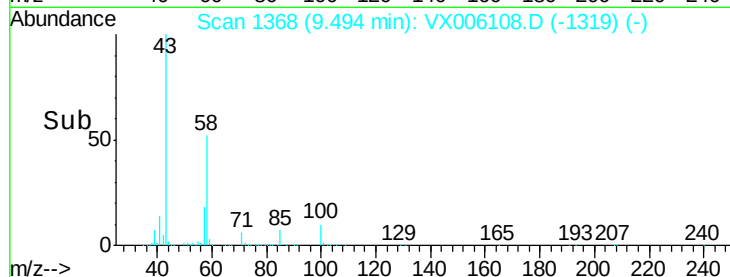
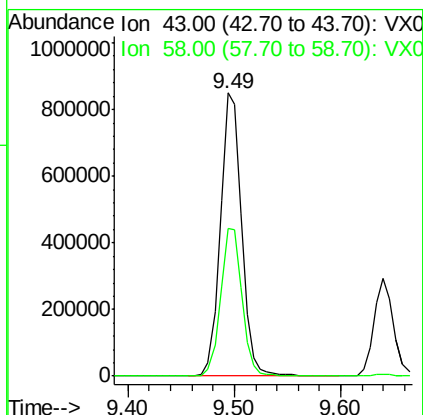
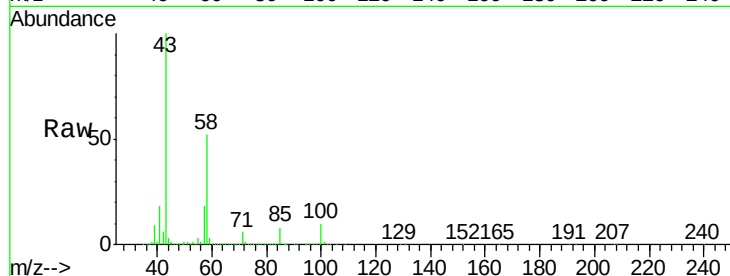




#59
2-Hexanone
Concen: 264.596 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. 0.00 min
Lab File: VX006108.D
Acq: 20 Nov 2018 18:36

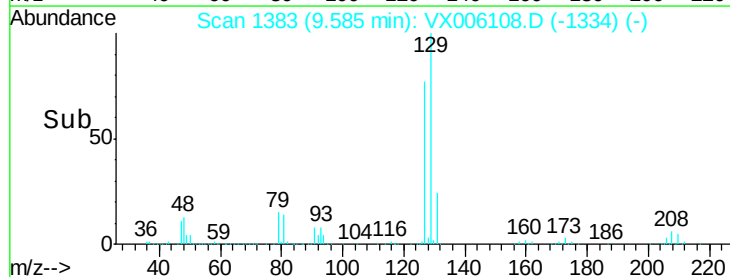
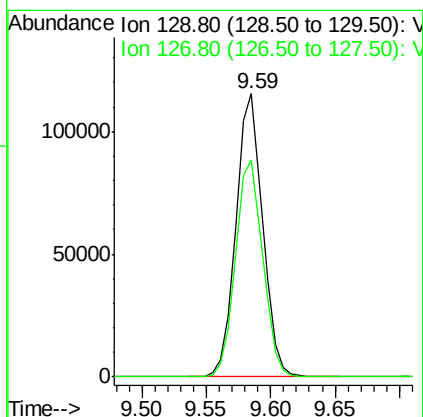
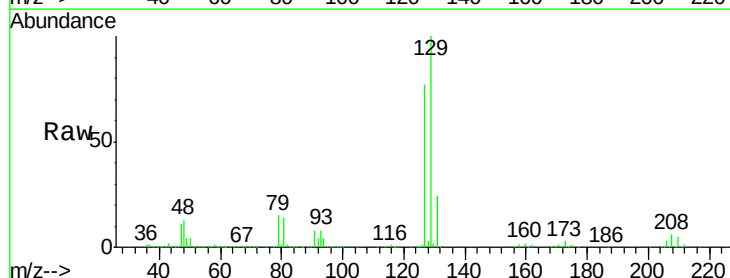
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

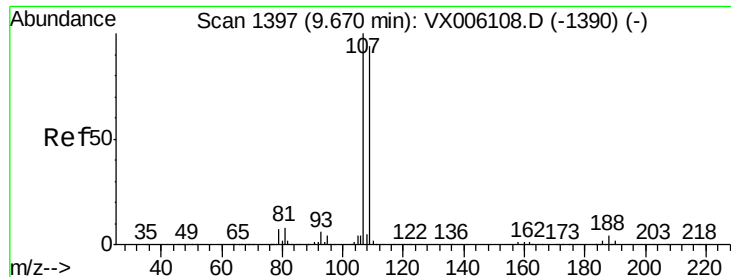
Tgt Ion: 43 Resp: 1180585
Ion Ratio Lower Upper
43 100
58 52.6 26.3 78.9



#60
Dibromochloromethane
Concen: 50.946 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. 0.00 min
Lab File: VX006108.D
Acq: 20 Nov 2018 18:36

Tgt Ion: 129 Resp: 166384
Ion Ratio Lower Upper
129 100
127 78.3 39.1 117.5





#61

1,2-Dibromoethane

Concen: 50.431 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX006108.D

Acq: 20 Nov 2018 18:36

Instrument :

MSVOA_X

ClientSampleId :

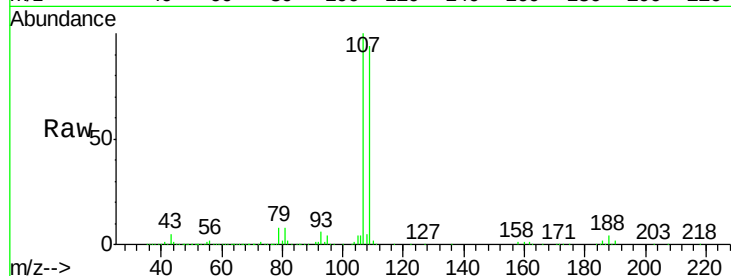
VSTDICCC050

Tgt Ion: 107 Resp: 173069

Ion Ratio Lower Upper

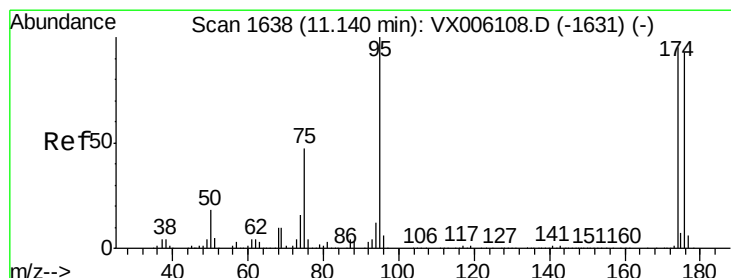
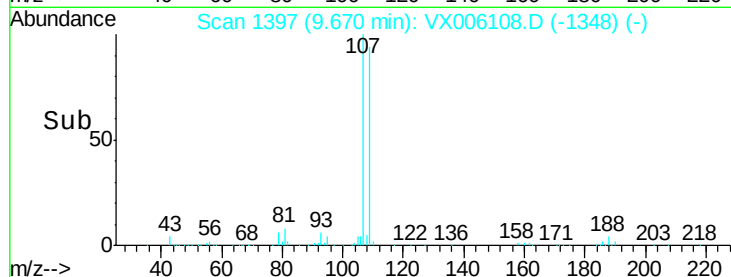
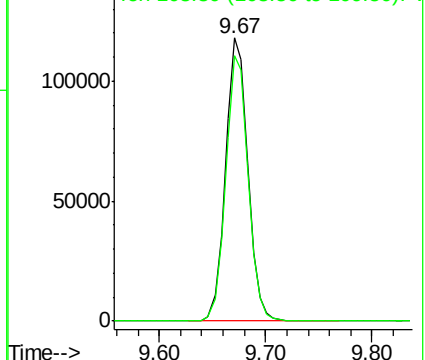
107 100

109 94.6 75.7 113.5



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 50.527 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.00 min

Lab File: VX006108.D

Acq: 20 Nov 2018 18:36

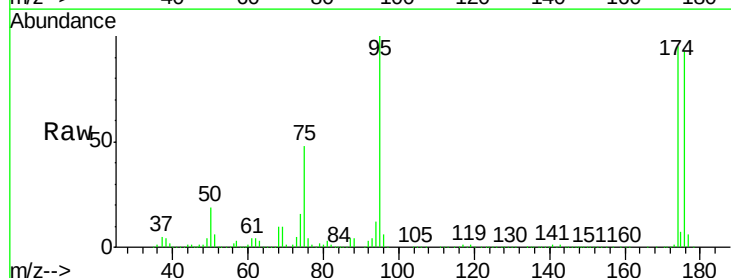
Tgt Ion: 95 Resp: 215350

Ion Ratio Lower Upper

95 100

174 92.2 0.0 184.4

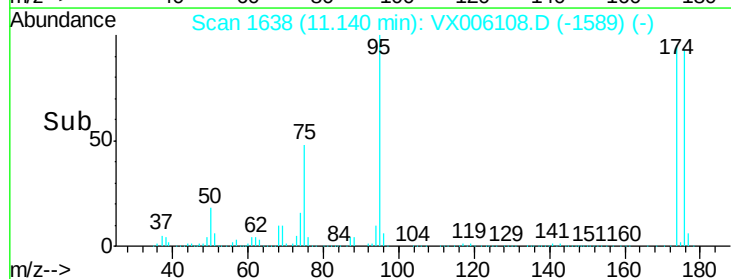
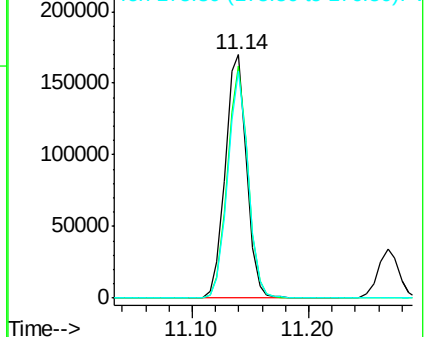
176 89.5 0.0 179.0

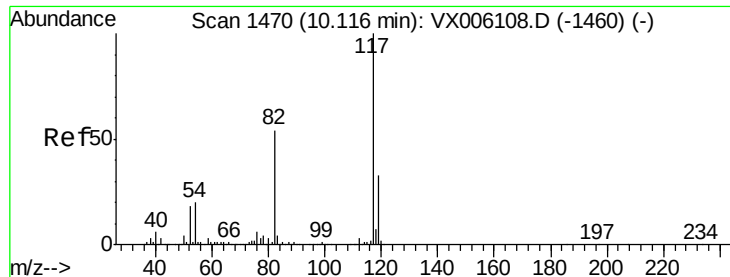


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

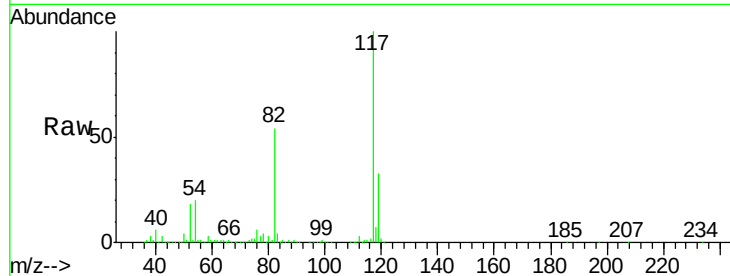




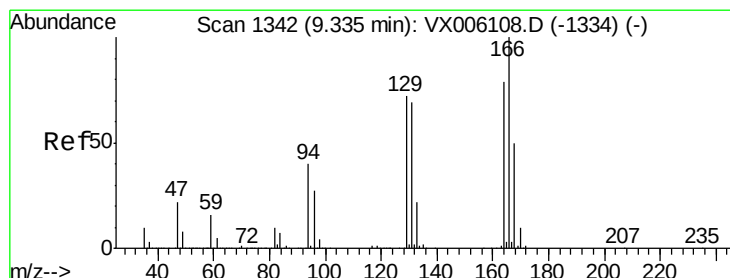
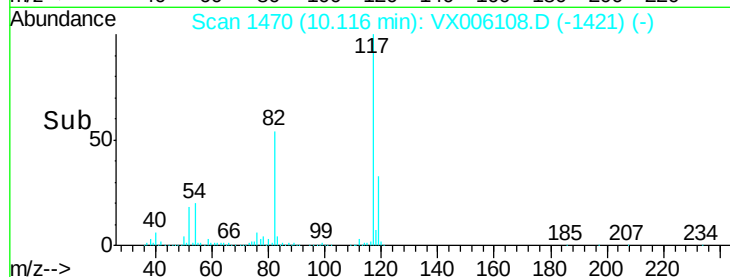
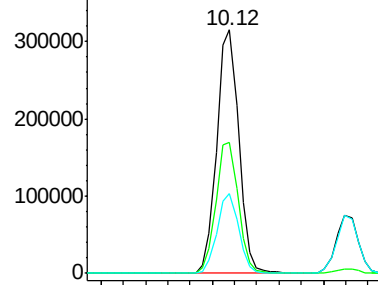
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX006108.D
Acq: 20 Nov 2018 18:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion:117 Resp: 433641
Ion Ratio Lower Upper
117 100
82 53.7 43.0 64.4
119 32.6 26.1 39.1

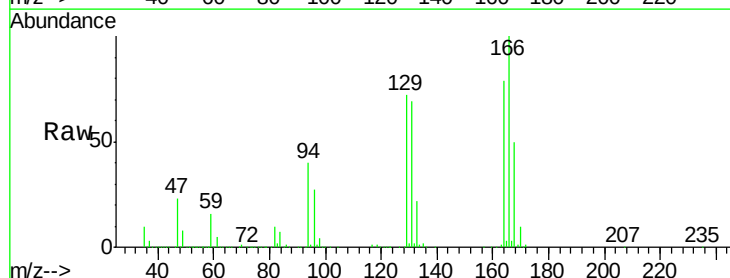


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

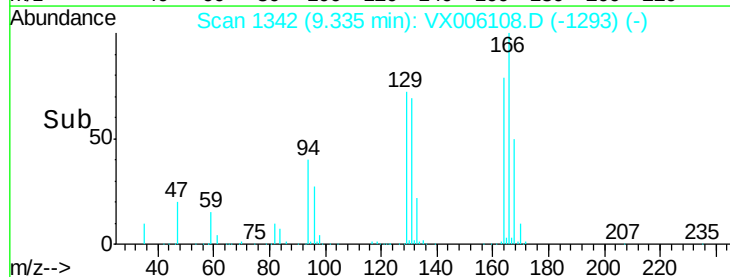
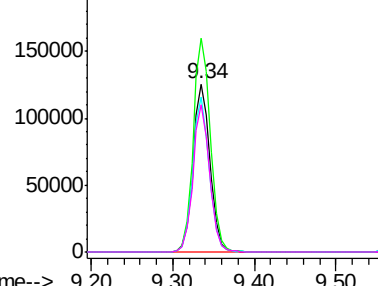


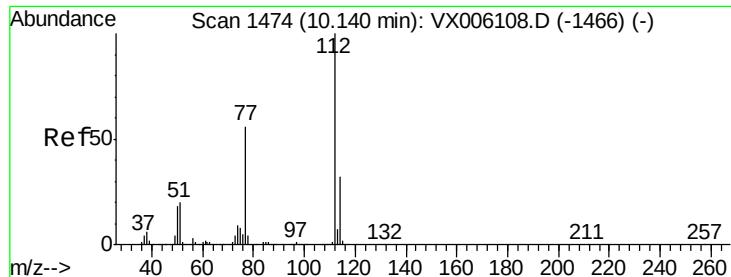
#64
Tetrachloroethene
Concen: 50.780 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX006108.D
Acq: 20 Nov 2018 18:36

Tgt Ion:164 Resp: 181212
Ion Ratio Lower Upper
164 100
166 126.9 101.5 152.3
129 91.7 73.4 110.0
131 87.8 70.2 105.4



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

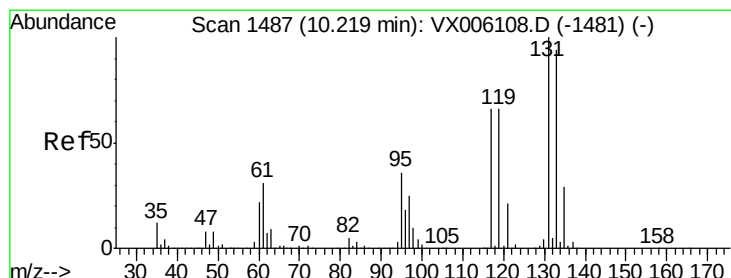
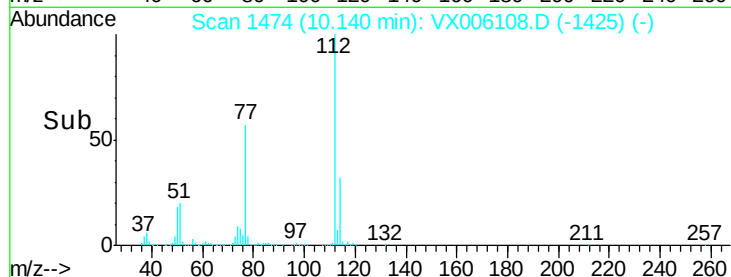
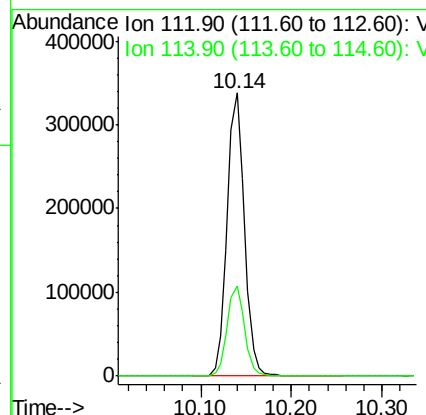
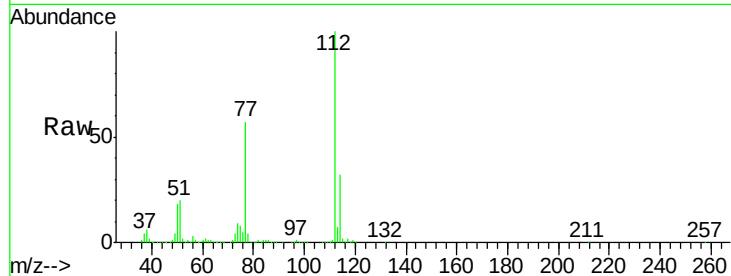




#65
Chlorobenzene
Concen: 50.672 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.00 min
Lab File: VX006108.D
Acq: 20 Nov 2018 18:36

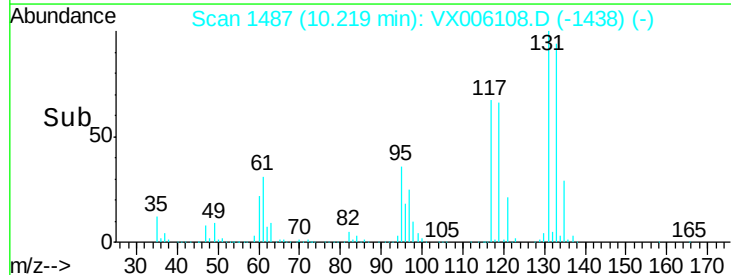
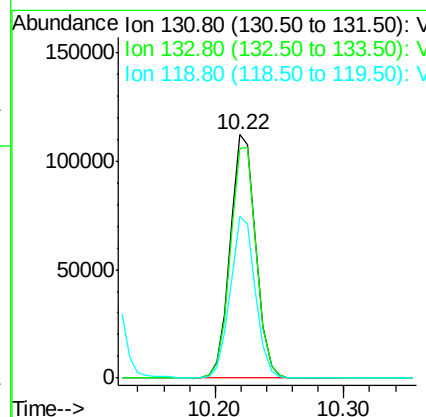
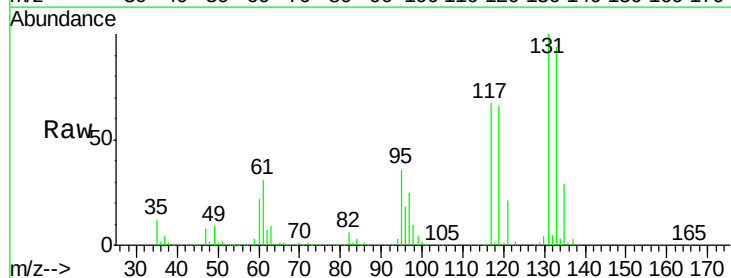
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

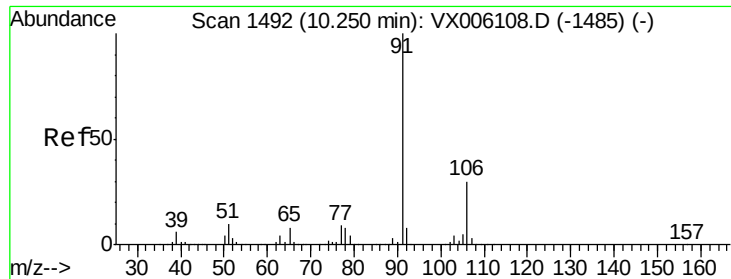
Tgt Ion:112 Resp: 450724
Ion Ratio Lower Upper
112 100
114 32.0 25.6 38.4



#66
1,1,1,2-Tetrachloroethane
Concen: 51.208 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX006108.D
Acq: 20 Nov 2018 18:36

Tgt Ion:131 Resp: 156375
Ion Ratio Lower Upper
131 100
133 96.1 48.0 144.2
119 65.2 32.6 97.8





#67

Ethyl Benzene

Concen: 53.254 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX006108.D

Acq: 20 Nov 2018 18:36

Instrument :

MSVOA_X

ClientSampled :

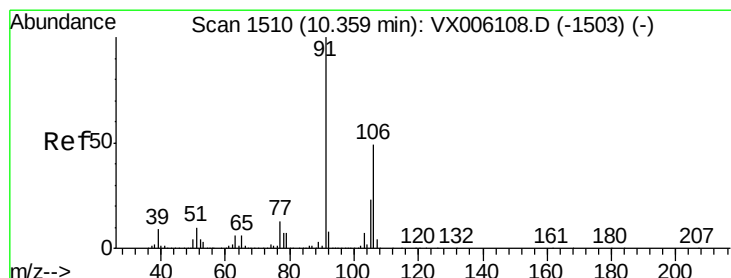
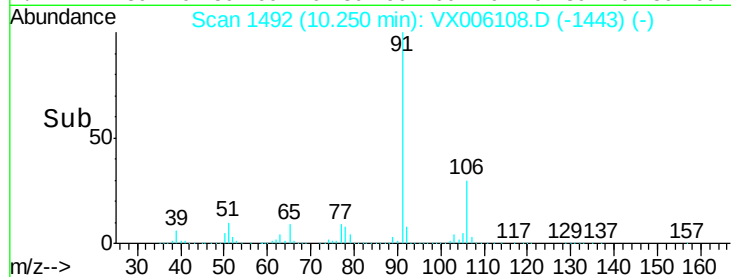
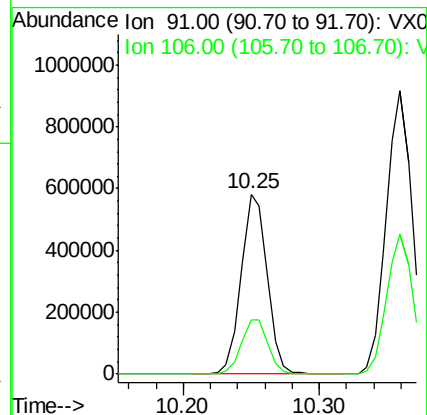
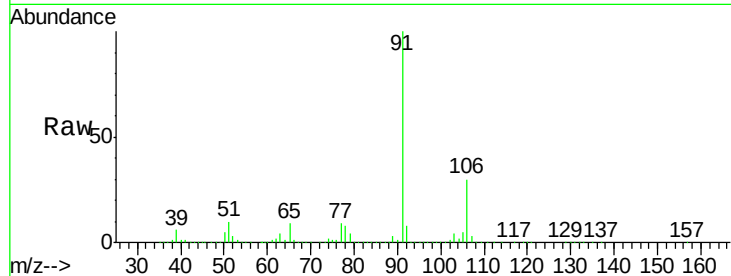
VSTDICCC050

Tgt Ion: 91 Resp: 775600

Ion Ratio Lower Upper

91 100

106 30.5 24.4 36.6



#68

m/p-Xylenes

Concen: 107.058 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VX006108.D

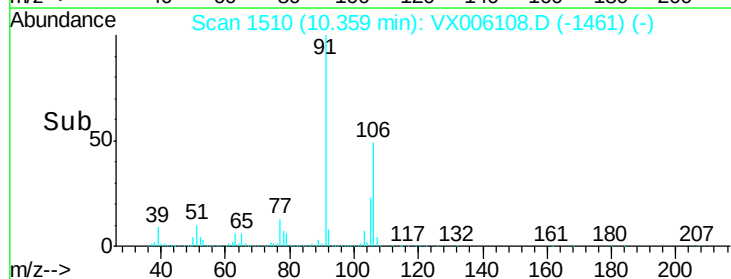
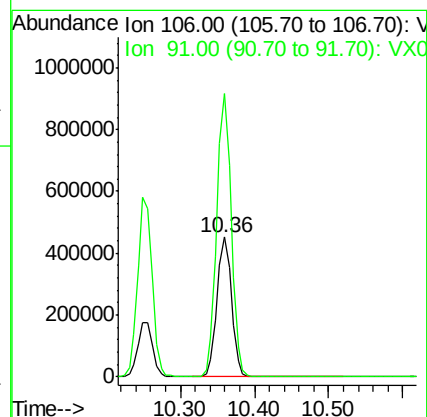
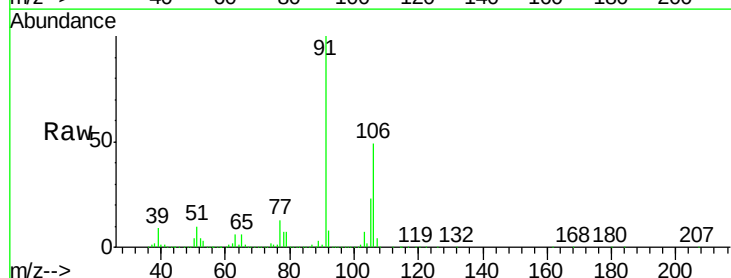
Acq: 20 Nov 2018 18:36

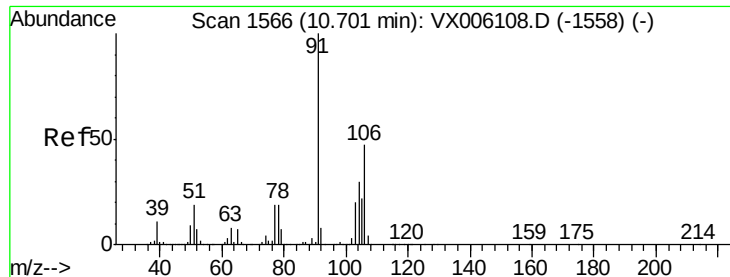
Tgt Ion: 106 Resp: 607150

Ion Ratio Lower Upper

106 100

91 202.5 162.0 243.0

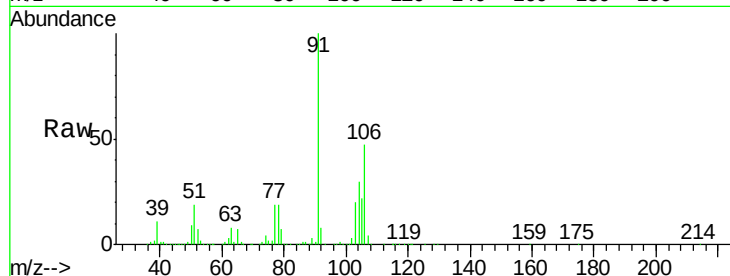




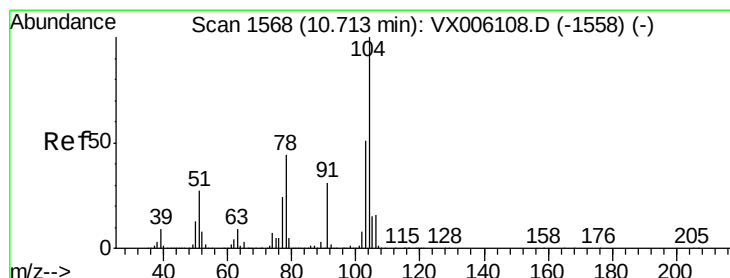
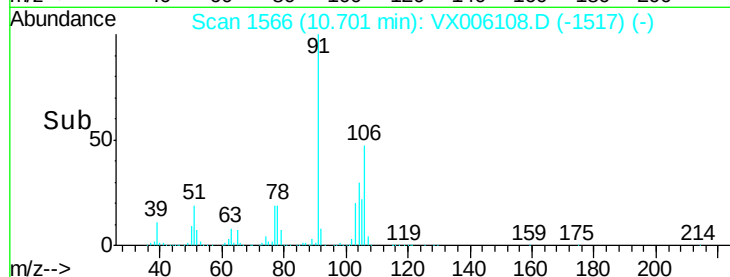
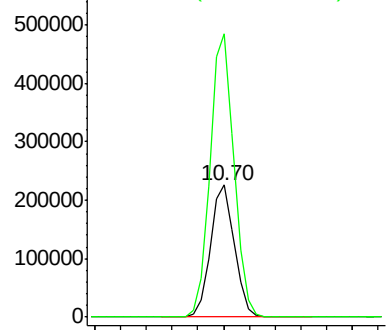
#69
o-Xylene
Concen: 53.435 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VX006108.D
Acq: 20 Nov 2018 18:36

Instrument :
MSVOA_X
ClientSampled :
VSTDICCC050

Tgt Ion:106 Resp: 289464
Ion Ratio Lower Upper
106 100
91 214.8 107.4 322.2

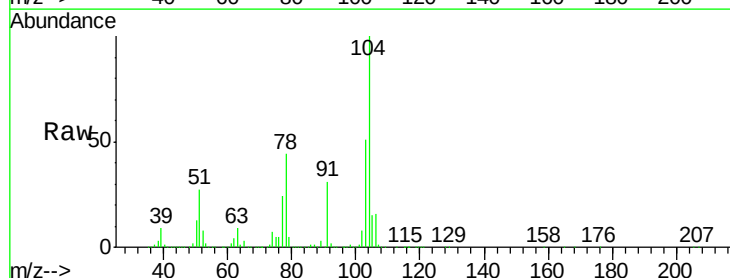


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

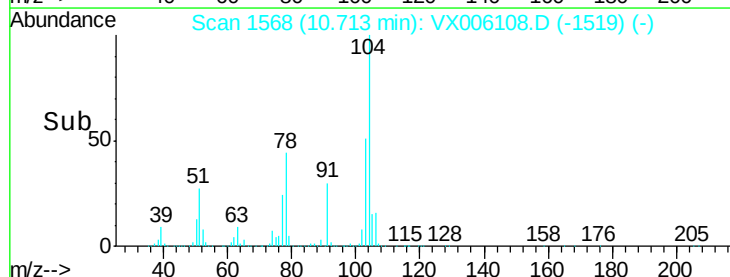
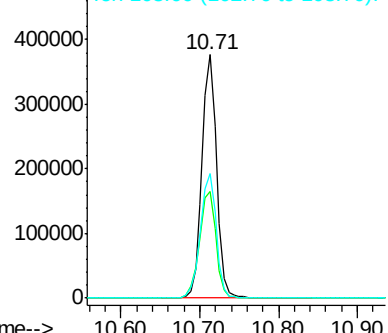


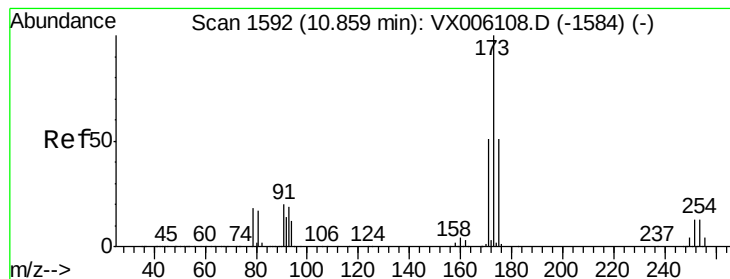
#70
Styrene
Concen: 55.109 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX006108.D
Acq: 20 Nov 2018 18:36

Tgt Ion:104 Resp: 486758
Ion Ratio Lower Upper
104 100
78 49.3 39.4 59.2
103 55.8 44.6 67.0



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: 49.786 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. 0.00 min

Lab File: VX006108.D

Acq: 20 Nov 2018 18:36

Instrument :

MSVOA_X

ClientSampled :

VSTDICCC050

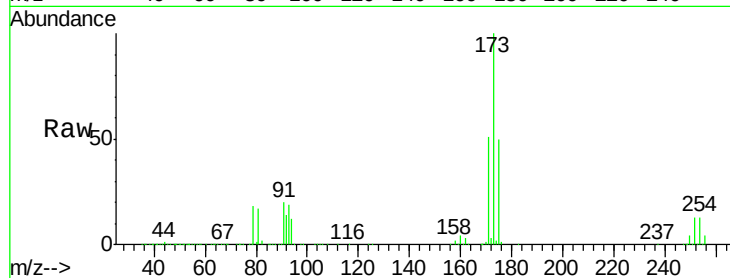
Tgt Ion:173 Resp: 136091

Ion Ratio Lower Upper

173 100

175 49.7 24.9 74.6

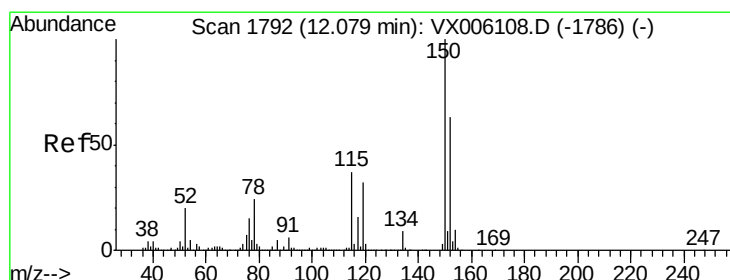
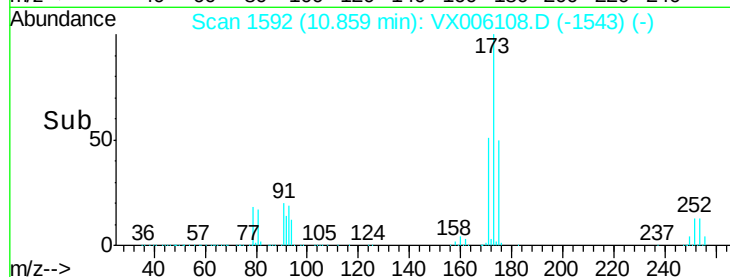
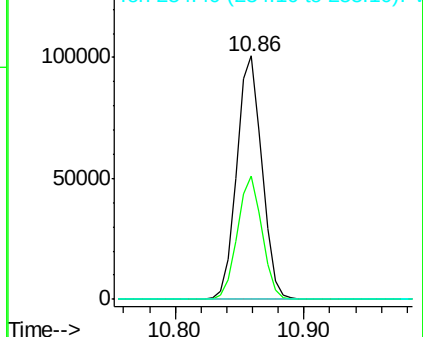
254 0.2 0.2 0.2



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX006108.D

Acq: 20 Nov 2018 18:36

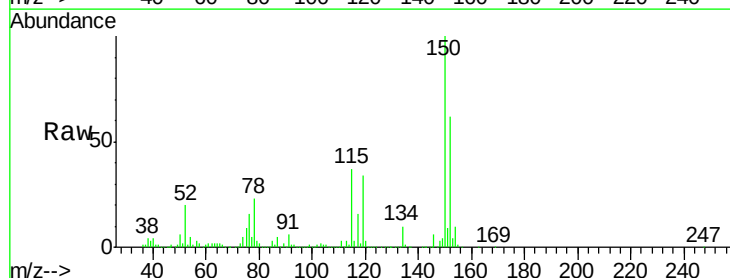
Tgt Ion:152 Resp: 241043

Ion Ratio Lower Upper

152 100

115 77.9 39.0 116.9

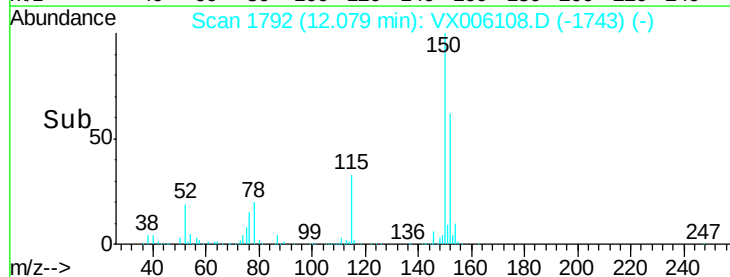
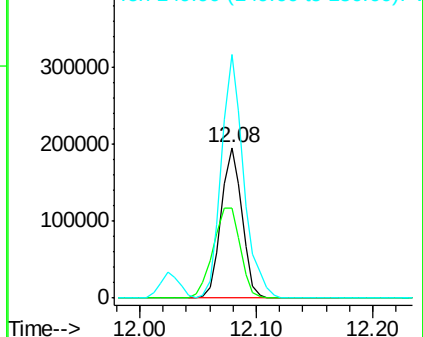
150 173.3 0.0 346.6

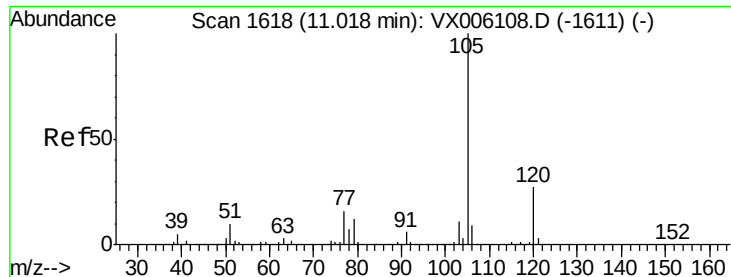


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 54.067 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX006108.D

Acq: 20 Nov 2018 18:36

Instrument :

MSVOA_X

ClientSampleId :

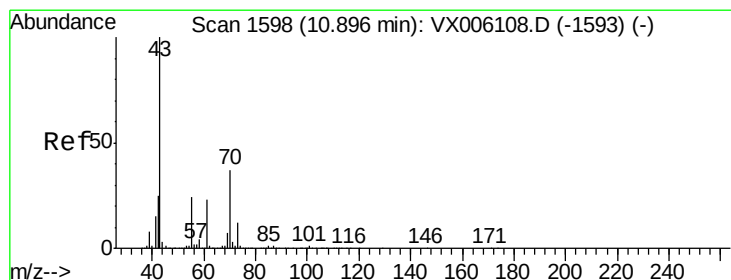
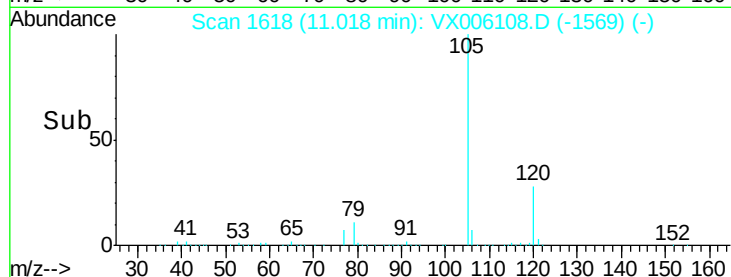
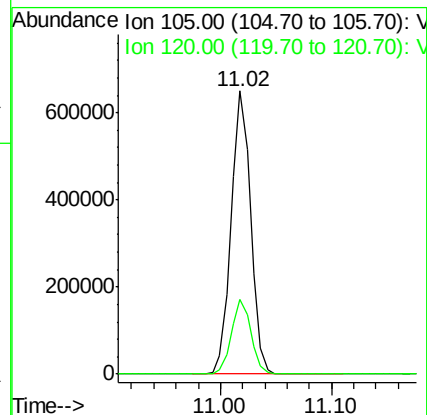
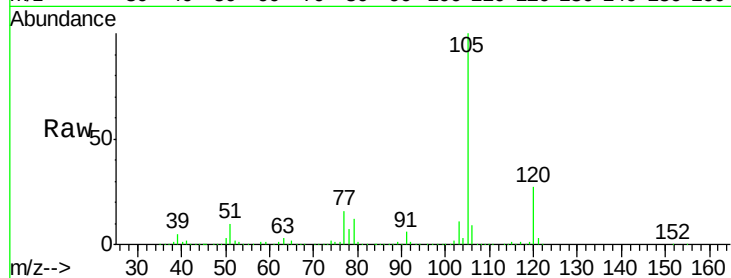
VSTDICCC050

Tgt Ion: 105 Resp: 788539

Ion Ratio Lower Upper

105 100

120 26.5 13.3 39.8



#74

N-ethyl acetate

Concen: 54.222 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX006108.D

Acq: 20 Nov 2018 18:36

Tgt Ion: 43 Resp: 359015

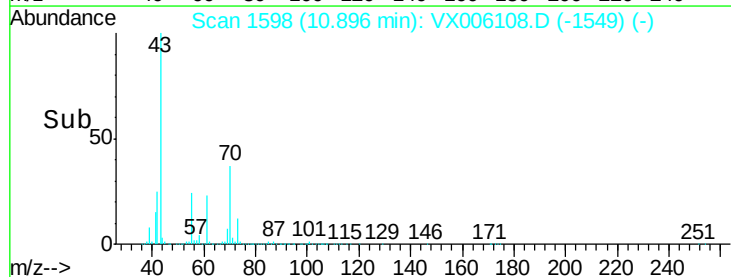
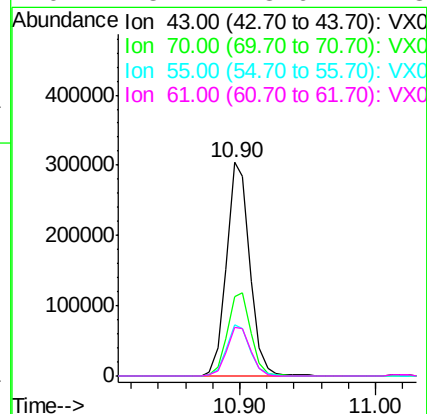
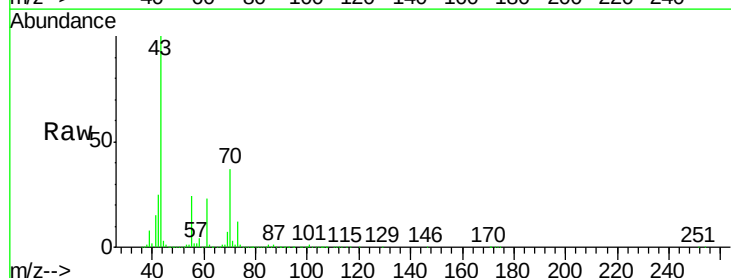
Ion Ratio Lower Upper

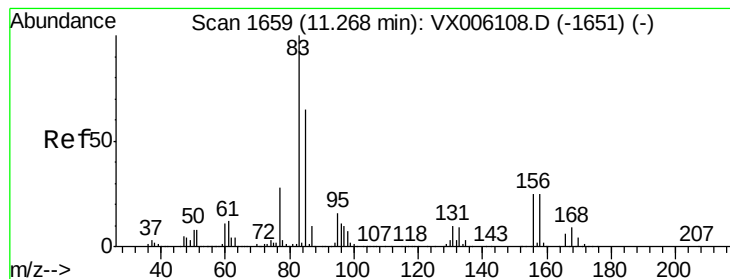
43 100

70 39.7 31.8 47.6

55 24.4 19.5 29.3

61 23.2 18.6 27.8





#75

1,1,2,2-Tetrachloroethane

Concen: 49.402 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX006108.D

Acq: 20 Nov 2018 18:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

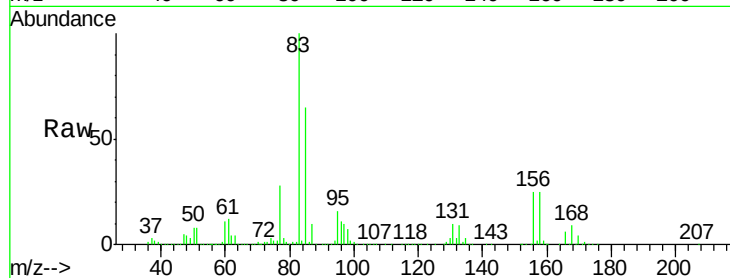
Tgt Ion: 83 Resp: 271526

Ion Ratio Lower Upper

83 100

131 10.4 5.2 15.6

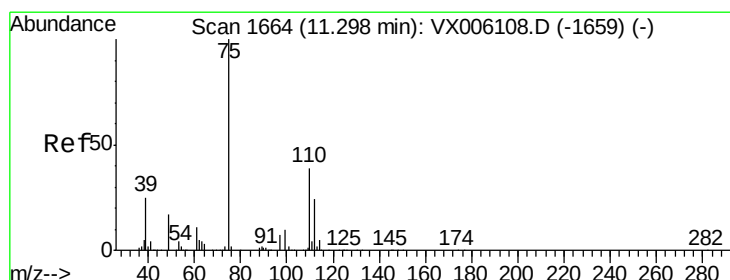
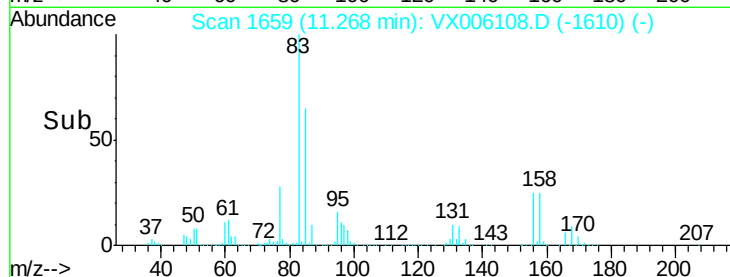
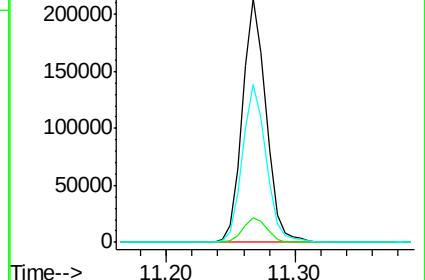
85 65.2 32.6 97.8



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 64.379 ug/l

RT: 11.30 min Scan# 1664

Delta R.T. 0.00 min

Lab File: VX006108.D

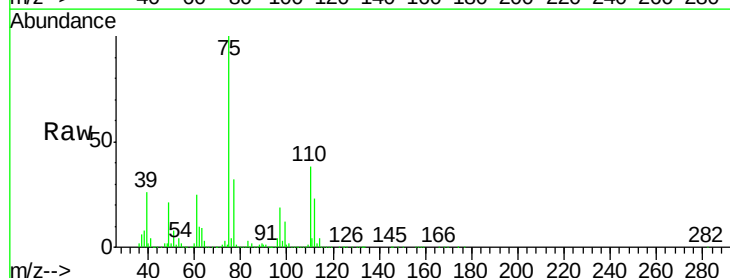
Acq: 20 Nov 2018 18:36

Tgt Ion: 75 Resp: 319483

Ion Ratio Lower Upper

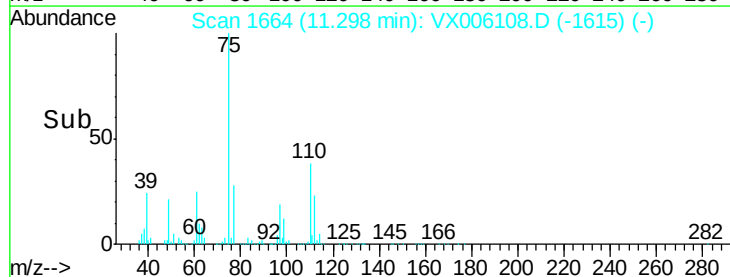
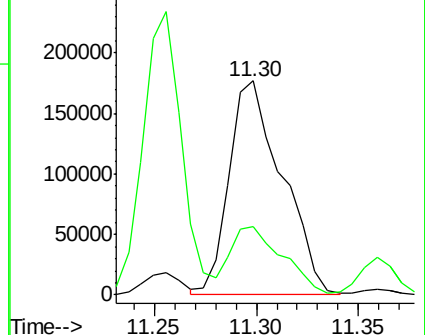
75 100

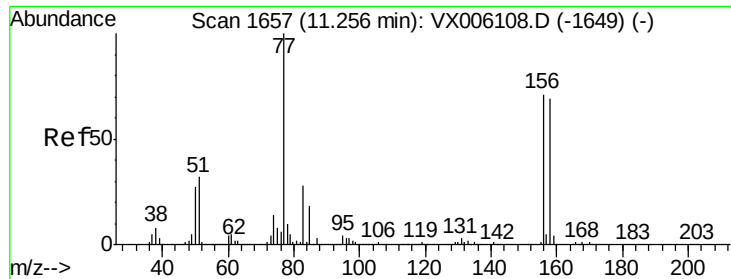
77 31.4 19.6 58.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 50.711 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX006108.D

Acq: 20 Nov 2018 18:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

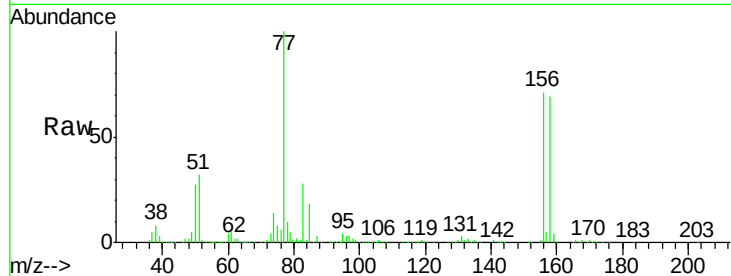
Tgt Ion:156 Resp: 207184

Ion Ratio Lower Upper

156 100

77 148.5 74.3 222.8

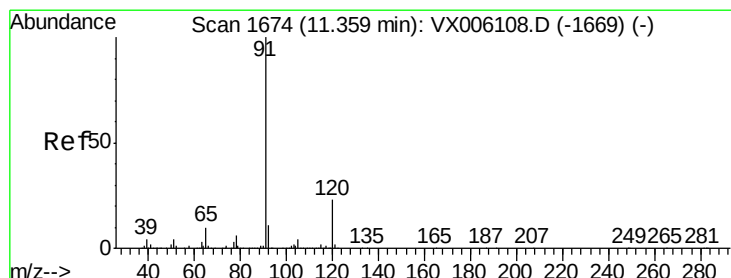
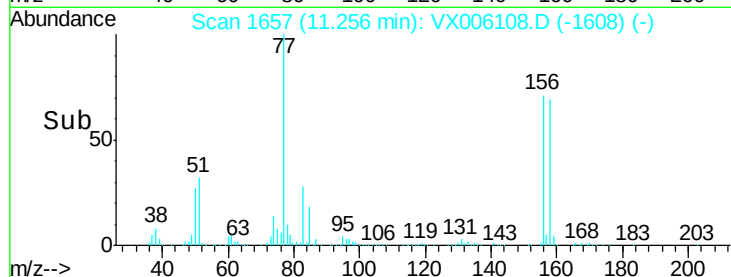
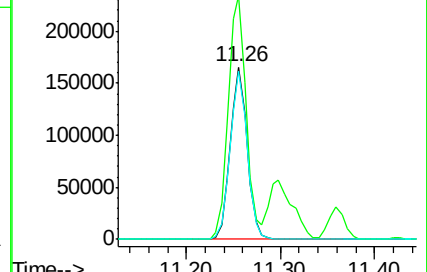
158 98.0 49.0 147.0



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: 54.240 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX006108.D

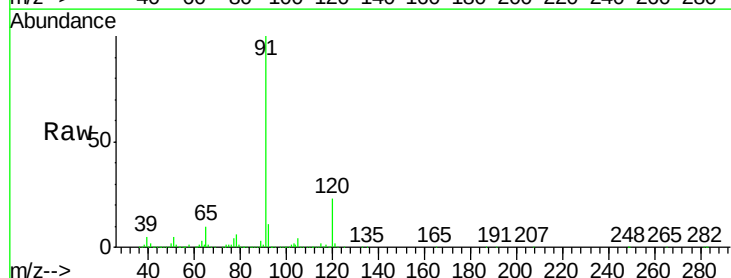
Acq: 20 Nov 2018 18:36

Tgt Ion: 91 Resp: 921263

Ion Ratio Lower Upper

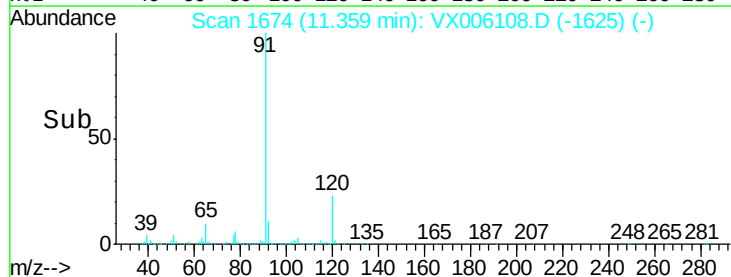
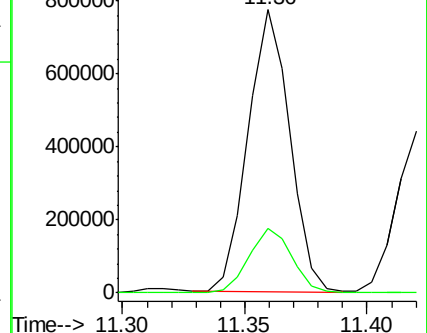
91 100

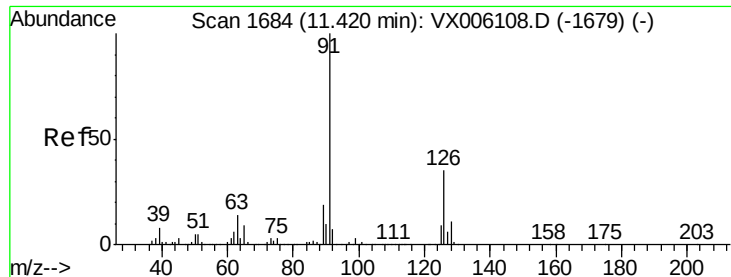
120 23.5 11.8 35.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 51.980 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX006108.D

Acq: 20 Nov 2018 18:36

Instrument :

MSVOA_X

ClientSampleId :

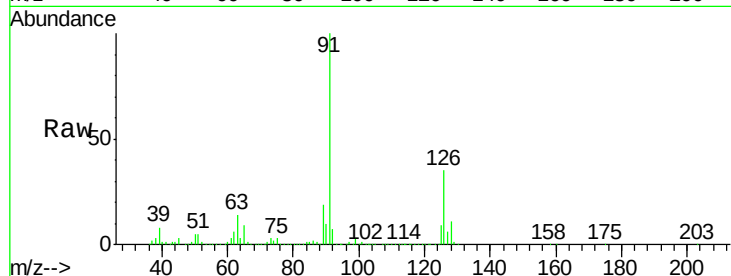
VSTDICCC050

Tgt Ion: 91 Resp: 534122

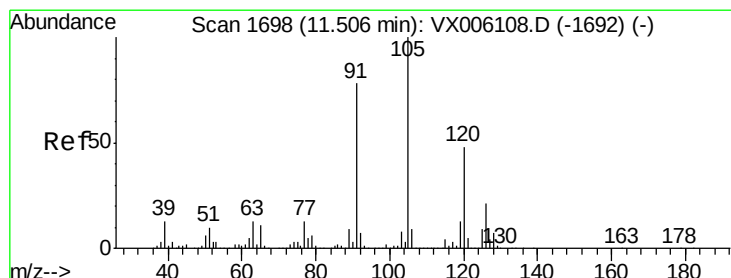
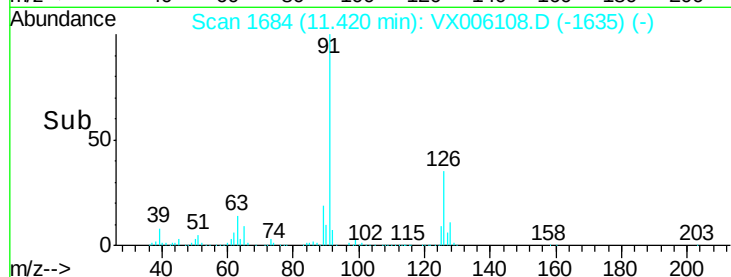
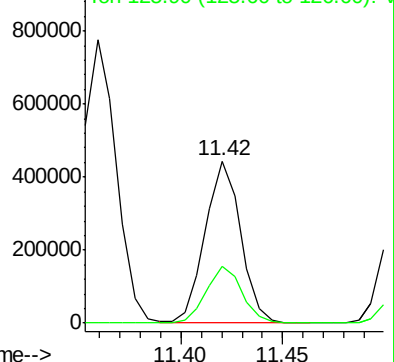
Ion Ratio Lower Upper

91 100

126 35.3 17.6 52.9



Abundance Ion 91.00 (90.70 to 91.70): VX006108.D (-1679) (-)



#80

1,3,5-Trimethylbenzene

Concen: 54.233 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX006108.D

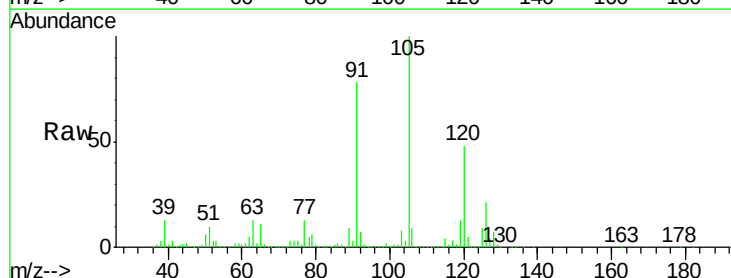
Acq: 20 Nov 2018 18:36

Tgt Ion: 105 Resp: 666878

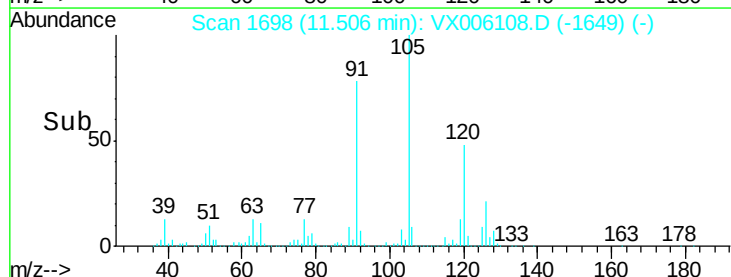
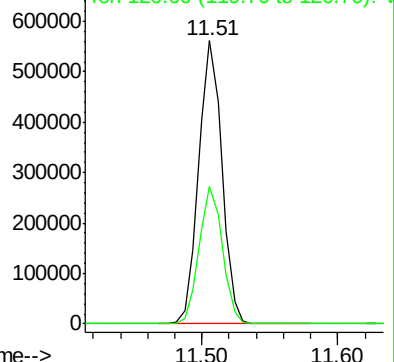
Ion Ratio Lower Upper

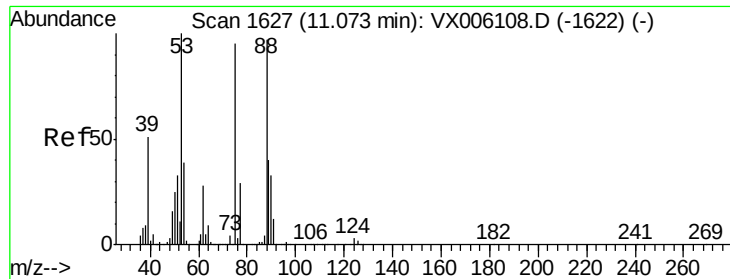
105 100

120 48.7 24.3 73.0



Abundance Ion 105.00 (104.70 to 105.70): VX006108.D (-1692) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 53.240 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX006108.D

Acq: 20 Nov 2018 18:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

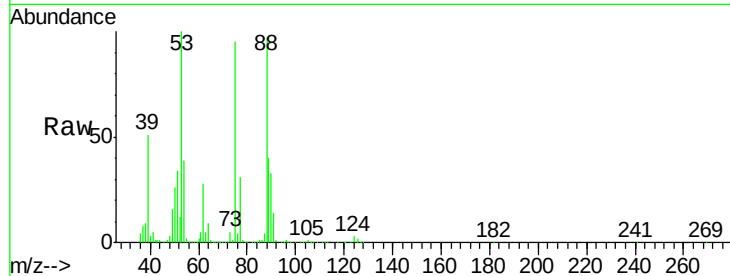
Tgt Ion: 75 Resp: 78116

Ion Ratio Lower Upper

75 100

53 106.6 85.3 127.9

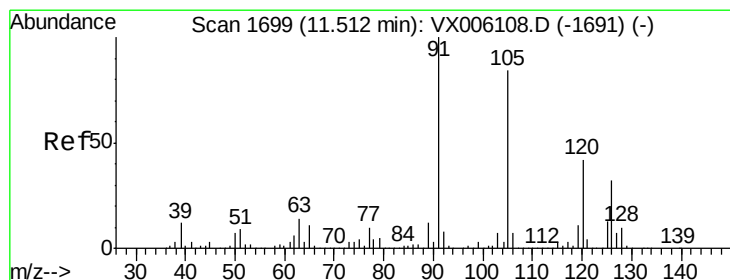
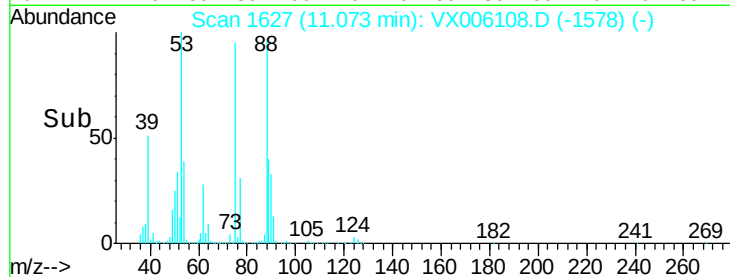
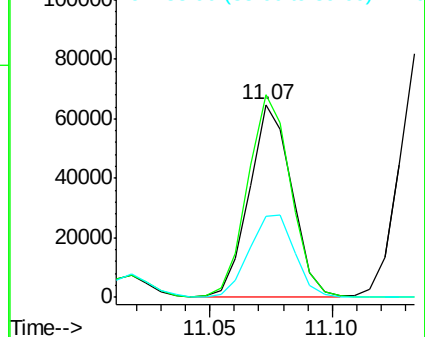
89 46.5 37.2 55.8



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: 53.295 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. 0.00 min

Lab File: VX006108.D

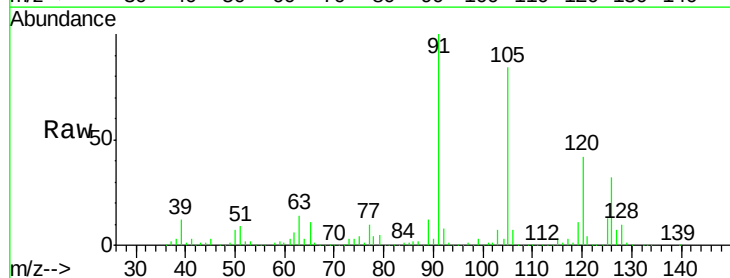
Acq: 20 Nov 2018 18:36

Tgt Ion: 91 Resp: 639093

Ion Ratio Lower Upper

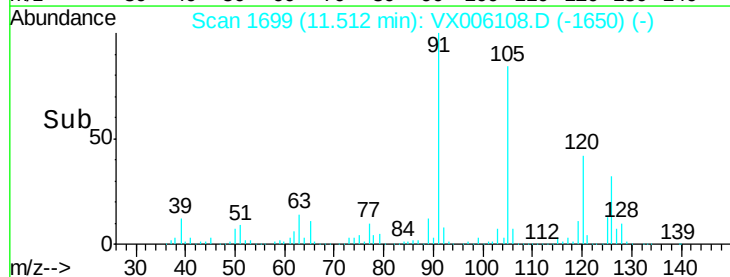
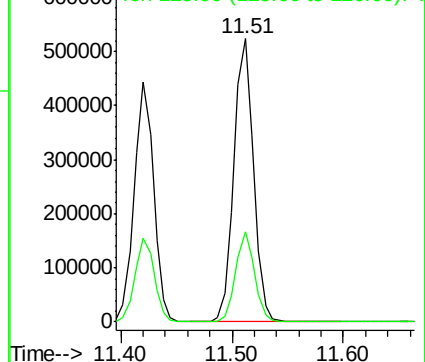
91 100

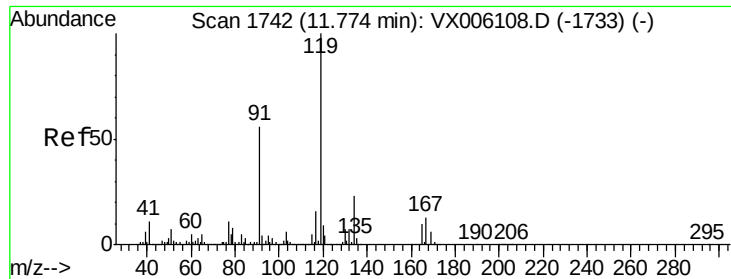
126 30.6 15.3 45.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

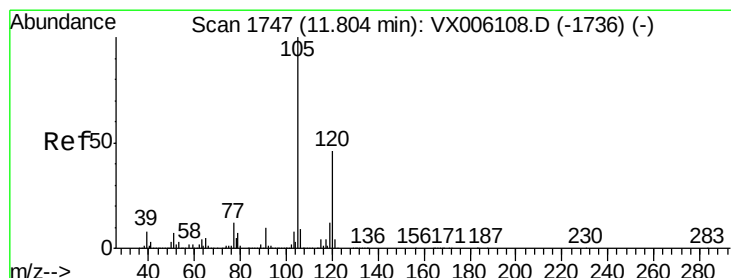
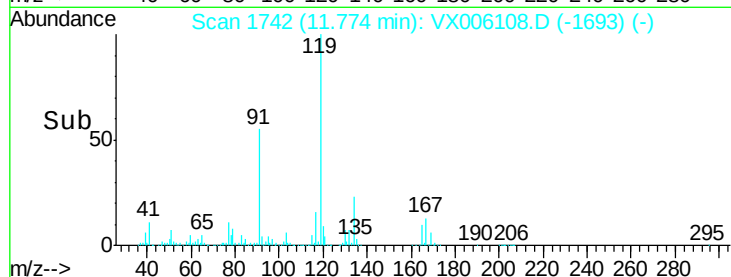
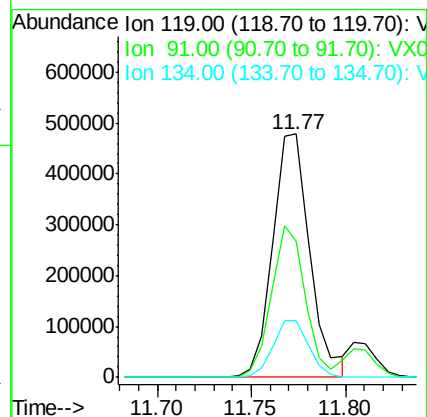
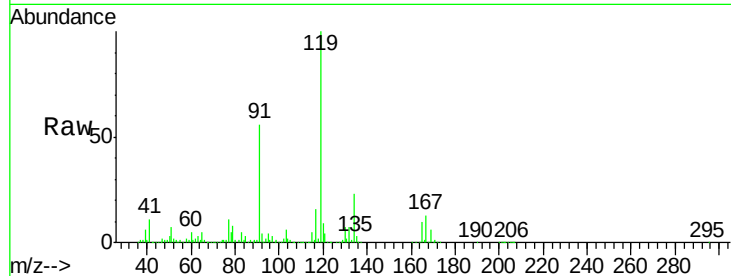




#83
 tert-Butylbenzene
 Concen: 54.426 ug/l
 RT: 11.77 min Scan# 1742
 Delta R.T. 0.00 min
 Lab File: VX006108.D
 Acq: 20 Nov 2018 18:36

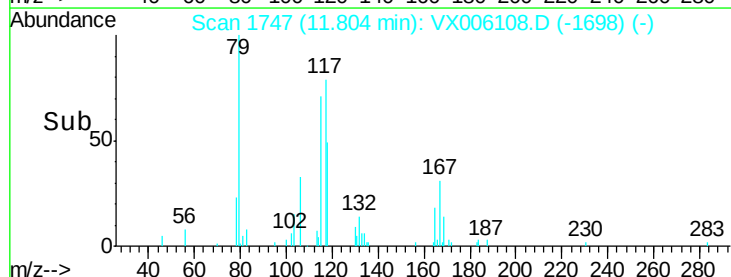
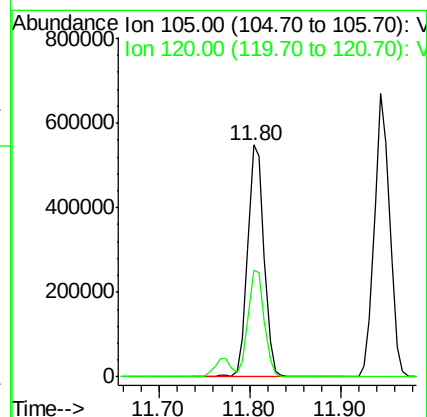
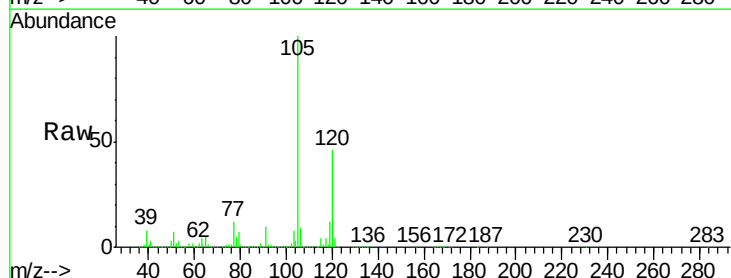
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

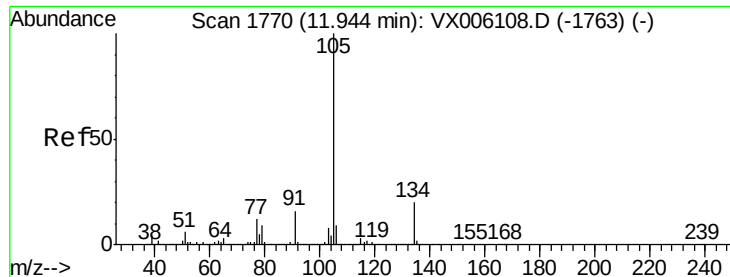
Tgt Ion:119 Resp: 653343
 Ion Ratio Lower Upper
 119 100
 91 56.4 28.2 84.6
 134 22.9 11.5 34.4



#84
 1,2,4-Trimethylbenzene
 Concen: 54.767 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX006108.D
 Acq: 20 Nov 2018 18:36

Tgt Ion:105 Resp: 686937
 Ion Ratio Lower Upper
 105 100
 120 45.3 22.7 68.0





#85

sec-Butylbenzene

Concen: 53.550 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX006108.D

Acq: 20 Nov 2018 18:36

Instrument :

MSVOA_X

ClientSampleId :

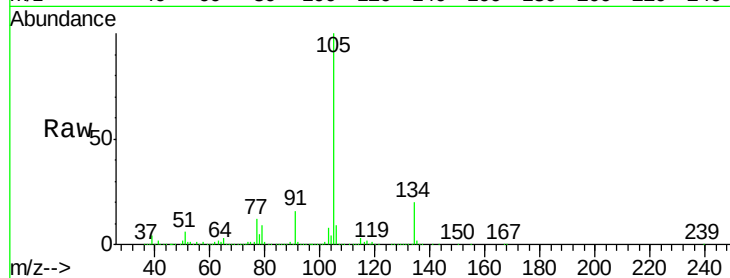
VSTDICCC050

Tgt Ion:105 Resp: 786295

Ion Ratio Lower Upper

105 100

134 20.7 10.4 31.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.94

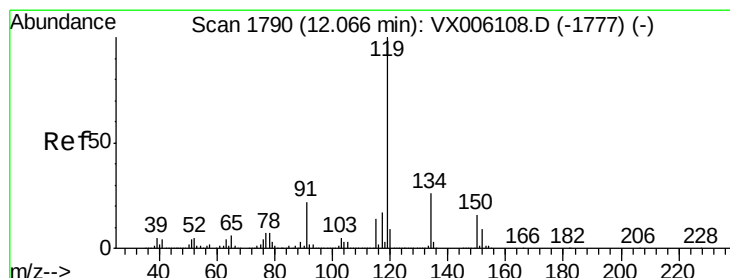
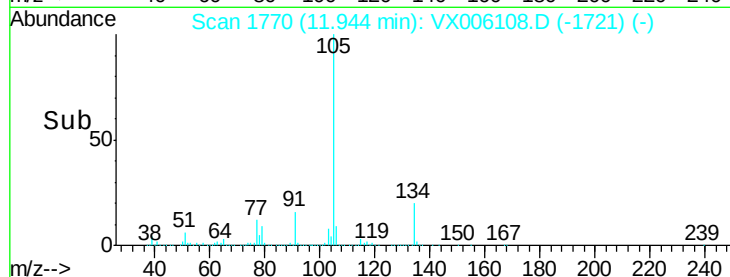
600000

400000

200000

0

Time--> 11.85 11.90 11.95 12.00



#86

p-Isopropyltoluene

Concen: 54.739 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. 0.00 min

Lab File: VX006108.D

Acq: 20 Nov 2018 18:36

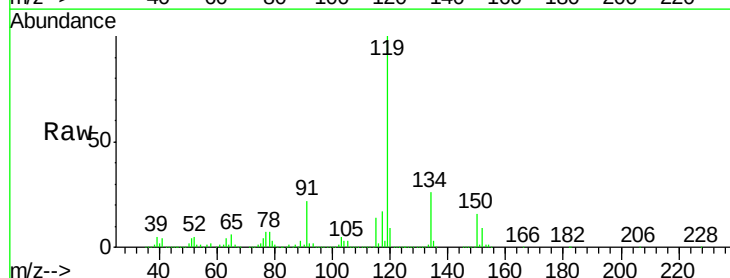
Tgt Ion:119 Resp: 716610

Ion Ratio Lower Upper

119 100

134 26.2 13.1 39.3

91 22.6 11.3 33.9



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

12.07

800000

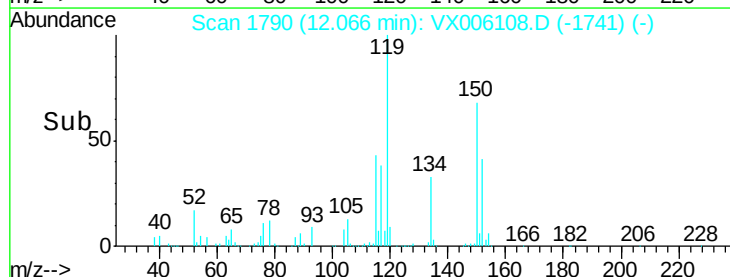
600000

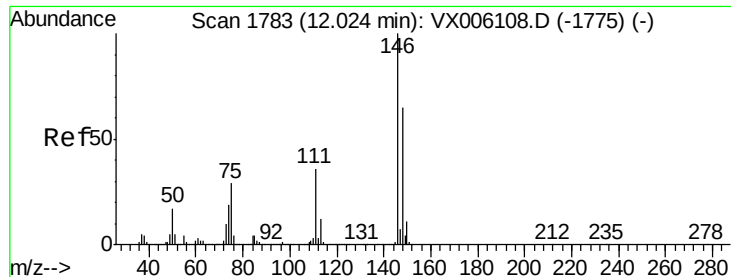
400000

200000

0

Time--> 12.00 12.10

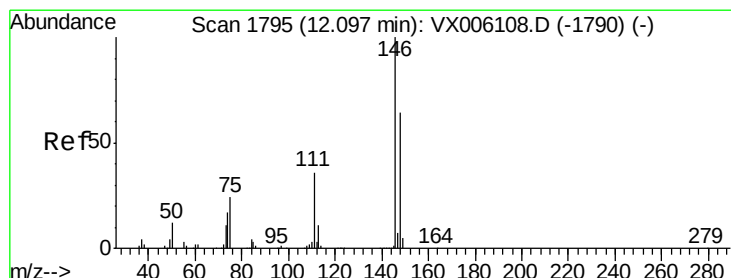
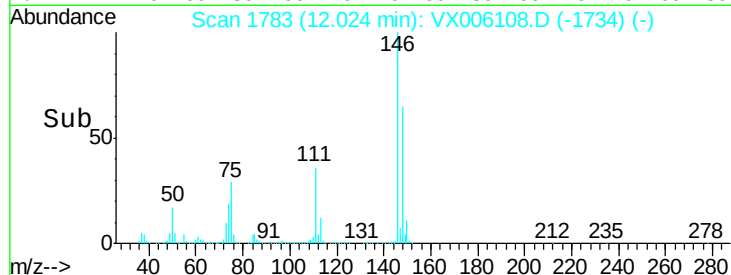
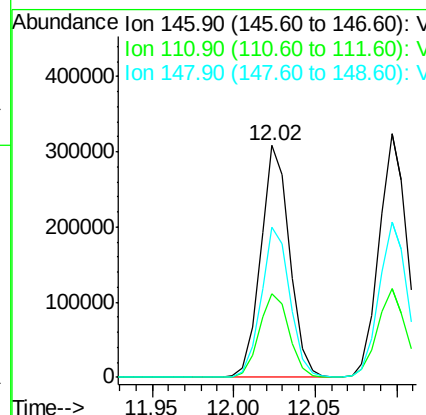
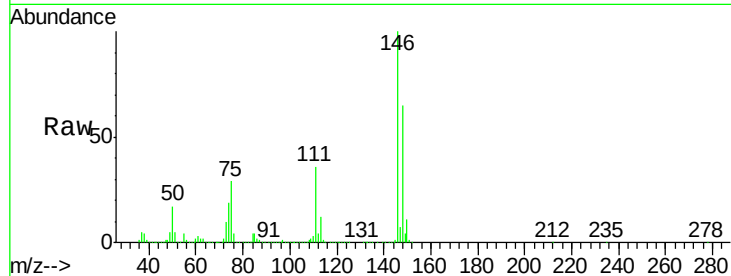




#87
 1,3-Dichlorobenzene
 Concen: 50.193 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX006108.D
 Acq: 20 Nov 2018 18:36

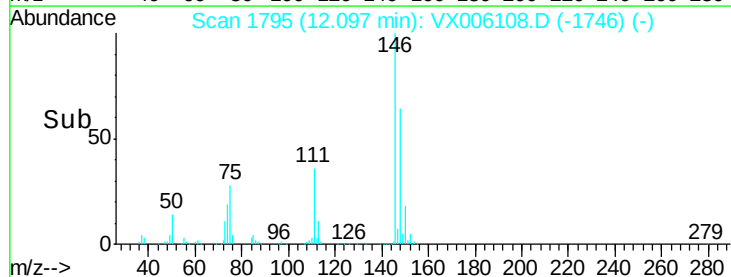
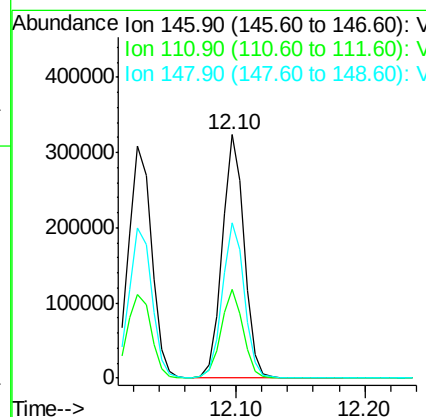
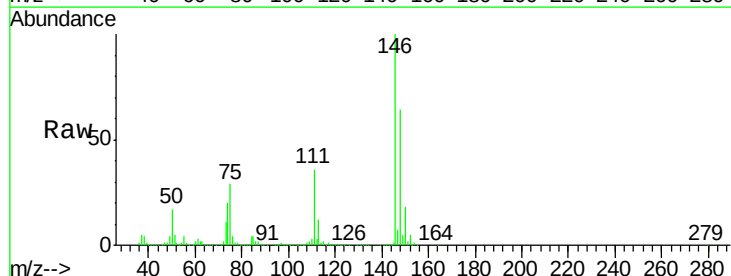
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

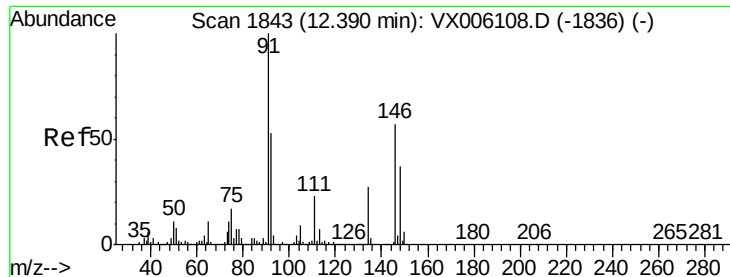
Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.5	18.8	56.3
148	64.4	32.2	96.6



#88
 1,4-Dichlorobenzene
 Concen: 49.811 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX006108.D
 Acq: 20 Nov 2018 18:36

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.6	18.3	54.9
148	64.4	32.2	96.6





#89

n-Butylbenzene

Concen: 53.440 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VX006108.D

Acq: 20 Nov 2018 18:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

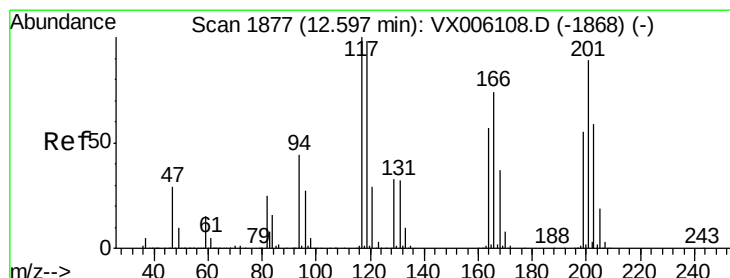
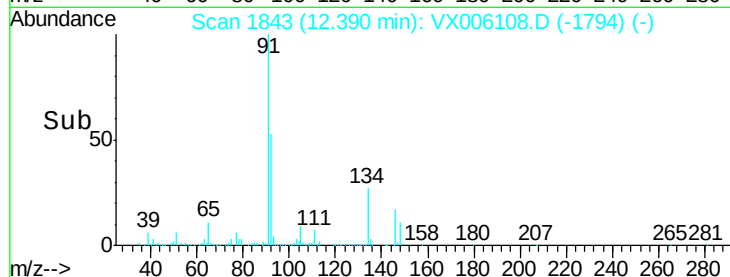
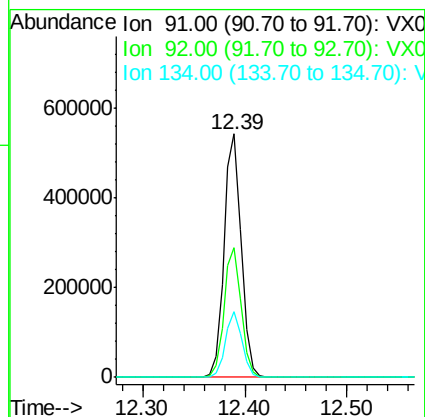
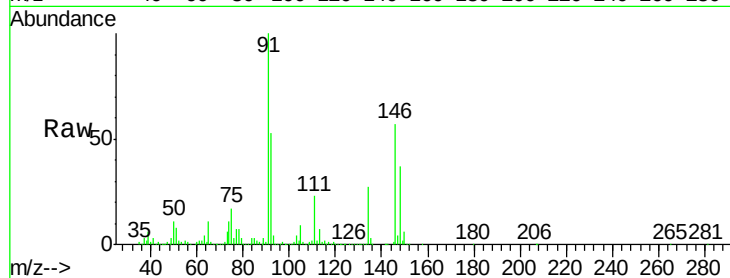
Tgt Ion: 91 Resp: 633420

Ion Ratio Lower Upper

91 100

92 53.1 26.6 79.7

134 26.2 13.1 39.3



#90

Hexachloroethane

Concen: 51.418 ug/l

RT: 12.60 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VX006108.D

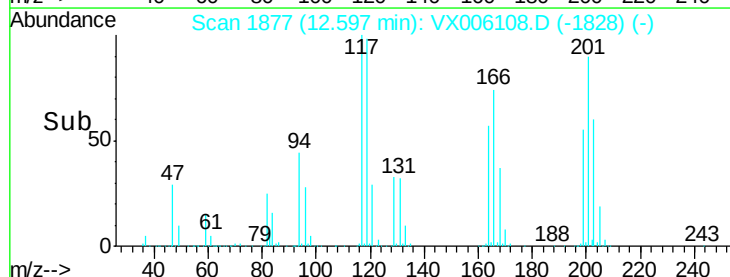
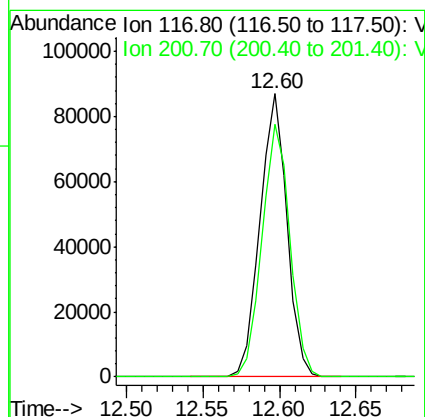
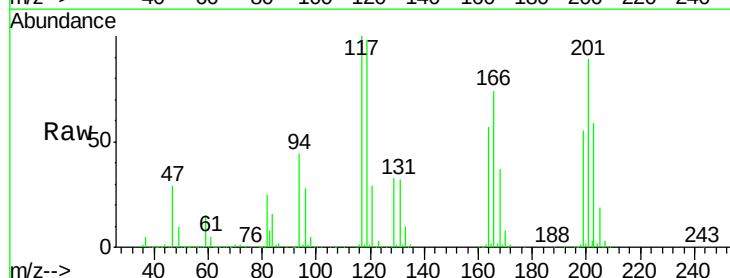
Acq: 20 Nov 2018 18:36

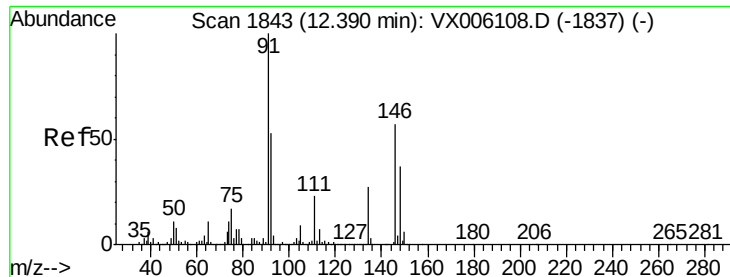
Tgt Ion: 117 Resp: 107417

Ion Ratio Lower Upper

117 100

201 92.1 46.1 138.2

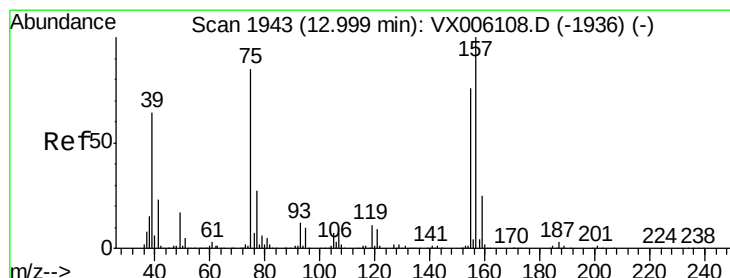
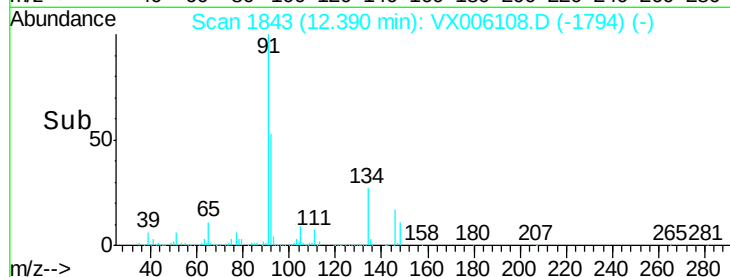
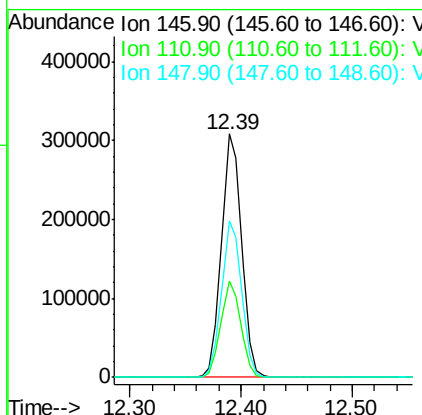
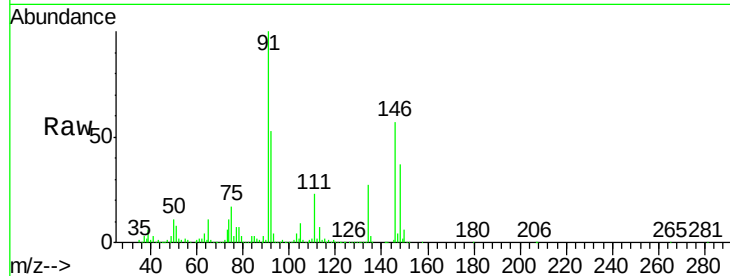




#91
 1,2-Dichlorobenzene
 Concen: 50.292 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX006108.D
 Acq: 20 Nov 2018 18:36

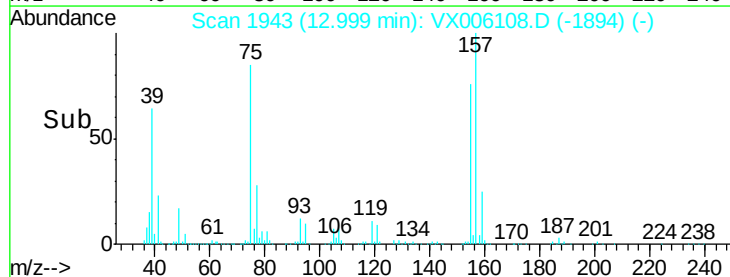
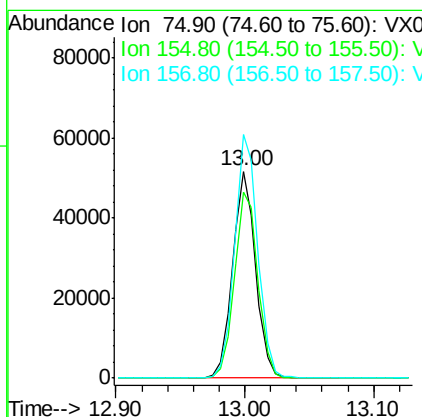
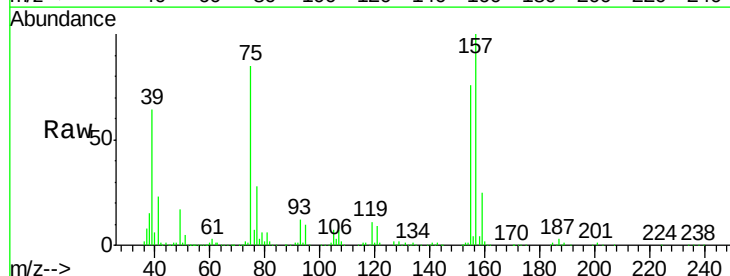
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

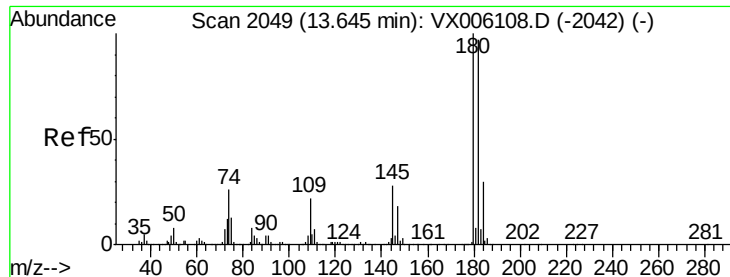
Tgt Ion: 146 Resp: 387329
 Ion Ratio Lower Upper
 146 100
 111 39.2 19.6 58.8
 148 64.0 32.0 96.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 50.094 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX006108.D
 Acq: 20 Nov 2018 18:36

Tgt Ion: 75 Resp: 63888
 Ion Ratio Lower Upper
 75 100
 155 92.2 46.1 138.3
 157 119.5 59.8 179.3

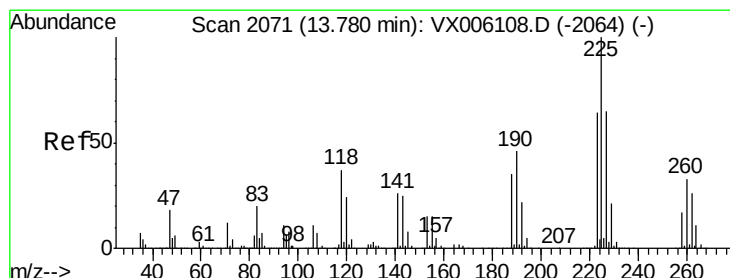
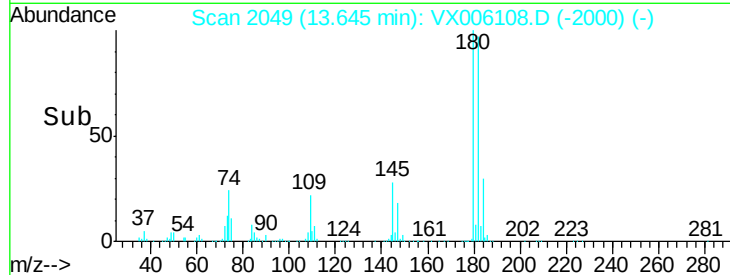
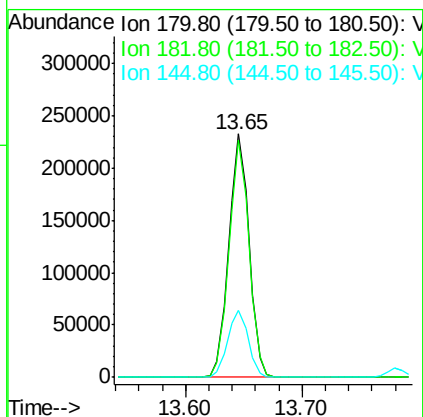
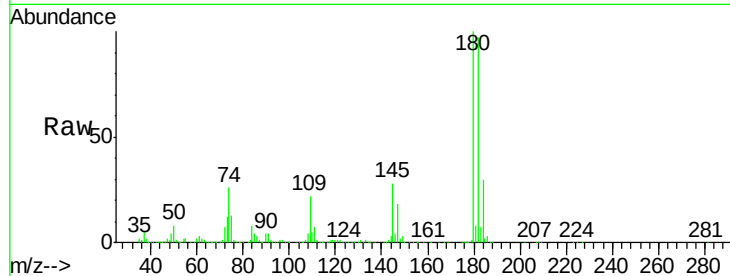




#93
 1,2,4-Trichlorobenzene
 Concen: 51.770 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX006108.D
 Acq: 20 Nov 2018 18:36

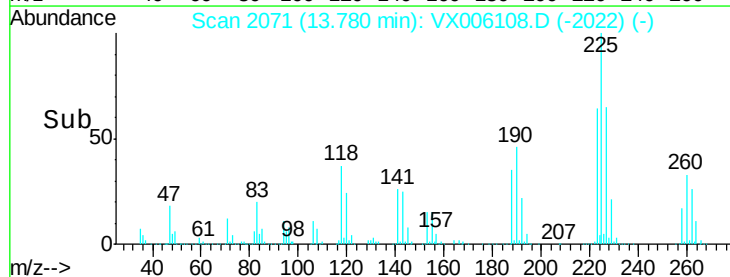
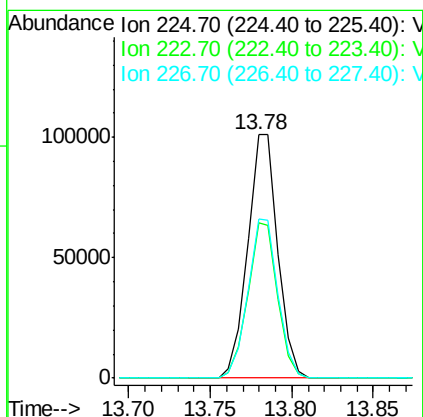
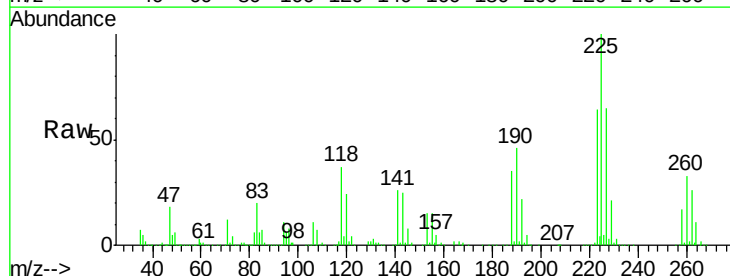
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

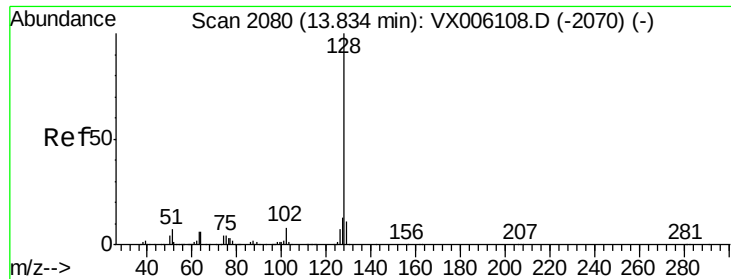
Tgt Ion:180 Resp: 280874
 Ion Ratio Lower Upper
 180 100
 182 96.4 48.2 144.6
 145 28.1 14.1 42.2



#94
 Hexachlorobutadiene
 Concen: 49.284 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX006108.D
 Acq: 20 Nov 2018 18:36

Tgt Ion:225 Resp: 130314
 Ion Ratio Lower Upper
 225 100
 223 62.4 31.2 93.6
 227 64.8 32.4 97.2

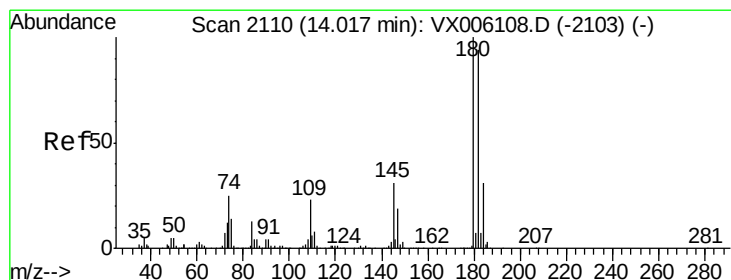
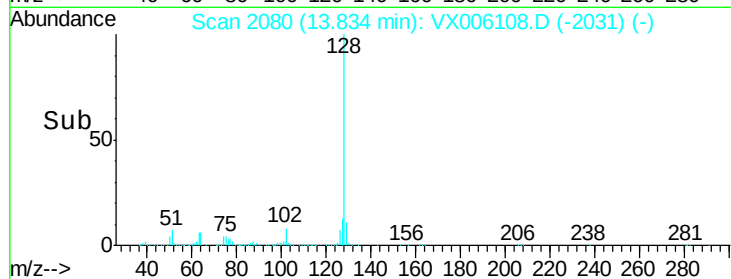
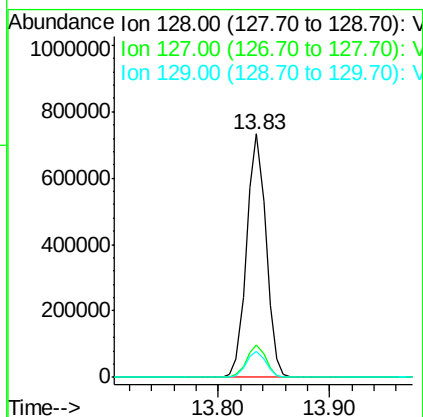
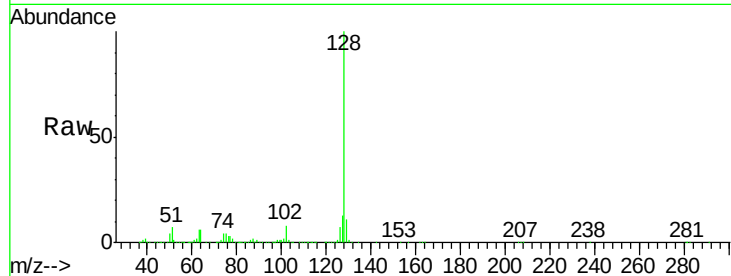




#95
Naphthalene
Concen: 55.514 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX006108.D
Acq: 20 Nov 2018 18:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion:128 Resp: 885652
Ion Ratio Lower Upper
128 100
127 13.2 10.6 15.8
129 11.0 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 51.994 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. 0.00 min
Lab File: VX006108.D
Acq: 20 Nov 2018 18:36

Tgt Ion:180 Resp: 287586
Ion Ratio Lower Upper
180 100
182 95.0 47.5 142.5
145 30.0 15.0 45.0

