

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX061218\
 Data File : VX002458.D
 Acq On : 12 Jun 2018 10:12
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Jun 12 10:29:42 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 05 03:22:35 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	233825	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	327760	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	322482	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	220997	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	139076	40.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	81.94%	
35) Dibromofluoromethane	5.51	113	110653	42.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.86%	
50) Toluene-d8	8.72	98	427156	43.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.48%	
62) 4-Bromofluorobenzene	11.14	95	166994	43.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.66%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	120258	49.47	ug/l	99
3) Chloromethane	1.32	50	132724	47.51	ug/l	99
4) Vinyl Chloride	1.41	62	155957	50.91	ug/l	100
5) Bromomethane	1.64	94	87593	50.56	ug/l	100
6) Chloroethane	1.72	64	108899	54.95	ug/l	100
7) Trichlorofluoromethane	1.93	101	267160	57.24	ug/l	99
8) Diethyl Ether	2.19	74	95162	57.74	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.39	101	156739	62.23	ug/l	99
10) Methyl Iodide	2.51	142	154291	43.55	ug/l	99
11) Tert butyl alcohol	3.06	59	164592	239.34	ug/l	100
12) 1,1-Dichloroethene	2.37	96	131394	52.79	ug/l	98
13) Acrolein	2.29	56	75863	227.63	ug/l	99
14) Allyl chloride	2.73	41	265872	49.22	ug/l	98
15) Acrylonitrile	3.15	53	381716	268.97	ug/l	99
16) Acetone	2.45	43	480084	340.81	ug/l	100
17) Carbon Disulfide	2.57	76	307533	46.87	ug/l	98
18) Methyl Acetate	2.78	43	184614	55.40	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	491933	57.09	ug/l	99
20) Methylene Chloride	2.86	84	148842	56.67	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	141238	51.45	ug/l	97
22) Diisopropyl ether	3.87	45	537306	59.83	ug/l	97
23) Vinyl Acetate	3.82	43	2303109	262.99	ug/l	100
24) 1,1-Dichloroethane	3.70	63	280656	52.57	ug/l	99
25) 2-Butanone	4.70	43	540325	235.68	ug/l	100
26) 2,2-Dichloropropane	4.59	77	204456	48.99	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	142090	47.60	ug/l	95
28) Bromochloromethane	5.02	49	112987	49.74	ug/l	100
29) Tetrahydrofuran	5.16	42	314172	212.54	ug/l	100
30) Chloroform	5.21	83	255198	49.53	ug/l	97
31) Cyclohexane	5.58	56	219267	51.94	ug/l	96
32) 1,1,1-Trichloroethane	5.49	97	223351	51.12	ug/l	99
36) 1,1-Dichloropropene	5.81	75	186790	54.21	ug/l	100
37) Ethyl Acetate	4.86	43	193836	46.78	ug/l	100
38) Carbon Tetrachloride	5.79	117	201679	55.95	ug/l	99

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 VSTDCCC050

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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 05 03:22:35 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	232834	54.67	ug/l	98
40) Benzene	6.15	78	544939	51.58	ug/l	100
41) Methacrylonitrile	5.06	41	113626	47.90	ug/l	99
42) 1,2-Dichloroethane	6.20	62	216455	51.57	ug/l	99
43) Isopropyl Acetate	6.46	43	342135	48.61	ug/l	99
44) Trichloroethene	7.21	130	156515	53.38	ug/l	98
45) 1,2-Dichloropropane	7.52	63	146594	51.40	ug/l	98
46) Dibromomethane	7.66	93	98527	50.96	ug/l	98
47) Bromodichloromethane	7.90	83	190067	54.35	ug/l	100
48) Methyl methacrylate	7.78	41	173955	49.20	ug/l	98
49) 1,4-Dioxane	7.76	88	59772	904.21	ug/l	100
51) 4-Methyl-2-Pentanone	8.65	43	1085467	247.65	ug/l	100
52) Toluene	8.79	92	366439	54.53	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	225337	53.73	ug/l	98
54) cis-1,3-Dichloropropene	9.04	75	213471	53.96	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	147445	53.35	ug/l	99
56) Ethyl methacrylate	9.18	69	225733	51.16	ug/l	98
57) 1,3-Dichloropropane	9.37	76	241644	52.12	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	531057	260.04	ug/l	100
59) 2-Hexanone	9.50	43	867875	256.35	ug/l	99
60) Dibromochloromethane	9.59	129	158616	57.06	ug/l	99
61) 1,2-Dibromoethane	9.68	107	152449	52.90	ug/l	99
64) Tetrachloroethene	9.34	164	177606	53.40	ug/l	97
65) Chlorobenzene	10.14	112	425713	53.05	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	155962	53.68	ug/l	100
67) Ethyl Benzene	10.26	91	737875	54.95	ug/l	99
68) m/p-Xylenes	10.36	106	576033	110.35	ug/l	99
69) o-Xylene	10.70	106	280648	54.02	ug/l	99
70) Styrene	10.71	104	474478	55.87	ug/l	99
71) Bromoform	10.86	173	123814	47.75	ug/l	99
73) Isopropylbenzene	11.02	105	782060	50.87	ug/l	100
74) N-amyl acetate	6.46	43	342112	41.30	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	220671	45.64	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	257200	53.04	ug/l	80
77) Bromobenzene	11.26	156	208256	48.25	ug/l	98
78) n-propylbenzene	11.37	91	910486	53.28	ug/l	100
79) 2-Chlorotoluene	11.43	91	526529	48.80	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	674598	51.16	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	62726	45.34	ug/l	97
82) 4-Chlorotoluene	11.51	91	630811	50.65	ug/l	99
83) tert-Butylbenzene	11.77	119	661111	51.49	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	693652	51.10	ug/l	99
85) sec-Butylbenzene	11.95	105	829720	55.12	ug/l	100
86) p-Isopropyltoluene	12.07	119	758810	55.34	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	394540	51.13	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	402749	50.63	ug/l	99
89) n-Butylbenzene	12.39	91	690909	60.08	ug/l	100
90) Hexachloroethane	12.60	117	114218	52.18	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	396718	49.69	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	47307	44.74	ug/l	97

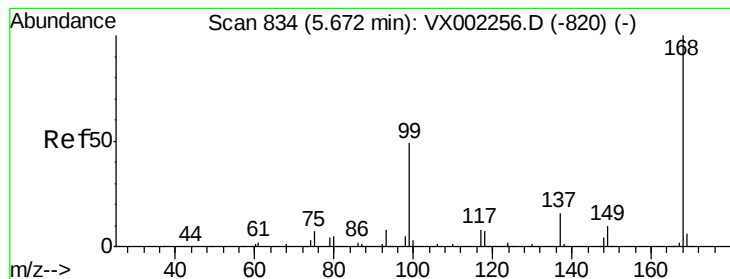
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX061218\
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	301615	53.87	ug/l	99
94) Hexachlorobutadiene	13.79	225	169774	61.37	ug/l	99
95) Naphthalene	13.84	128	788889	49.04	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	299599	52.47	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.01 min

Lab File: VX002458.D

Acq: 12 Jun 2018 10:12

Instrument :

MSVOA_X

ClientSampleId :

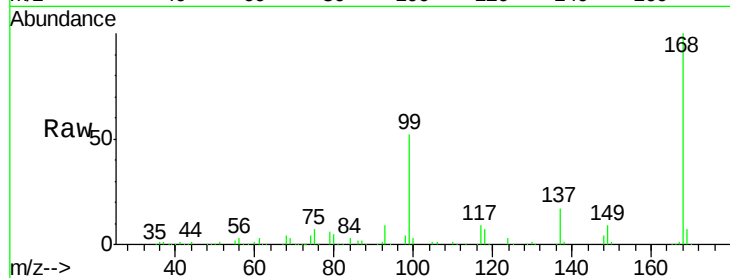
VSTDCCC050

Tgt Ion:168 Resp: 233825

Ion Ratio Lower Upper

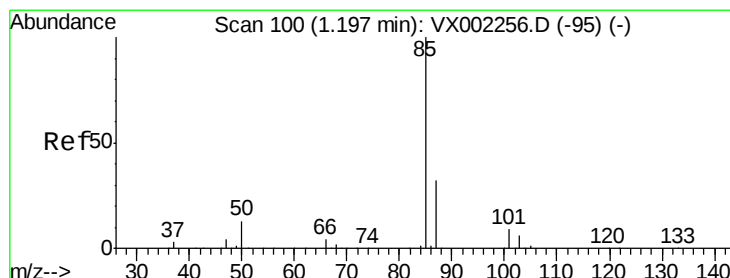
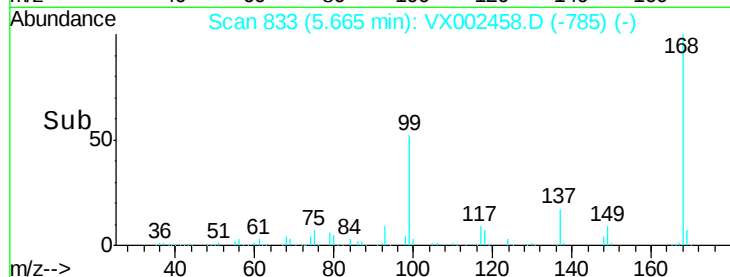
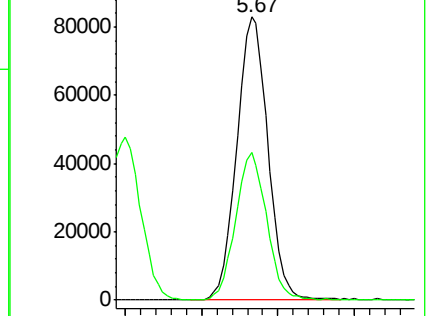
168 100

99 52.2 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 49.47 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX002458.D

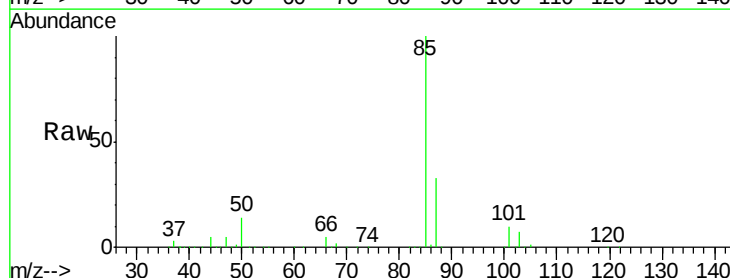
Acq: 12 Jun 2018 10:12

Tgt Ion: 85 Resp: 120258

Ion Ratio Lower Upper

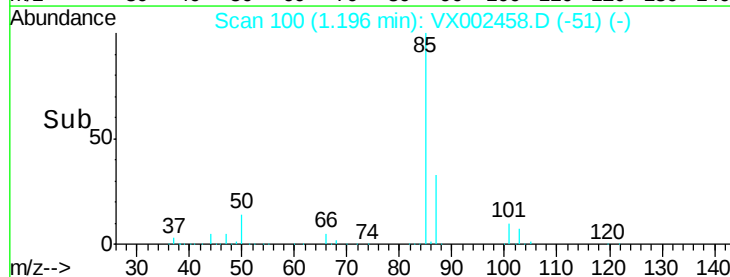
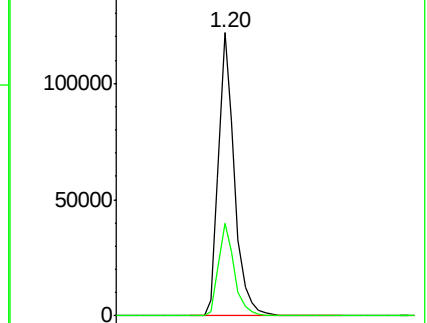
85 100

87 32.6 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 47.51 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX002458.D

Acq: 12 Jun 2018 10:12

Instrument :

MSVOA_X

ClientSampleId :

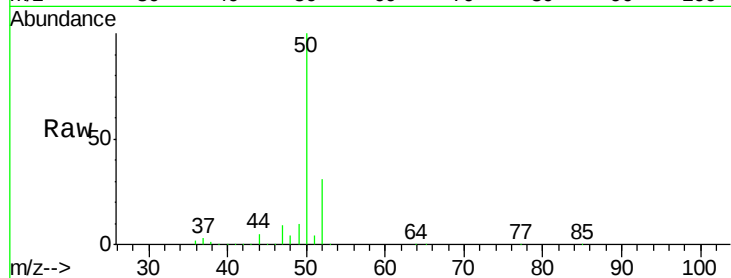
VSTDCCC050

Tgt Ion: 50 Resp: 132724

Ion Ratio Lower Upper

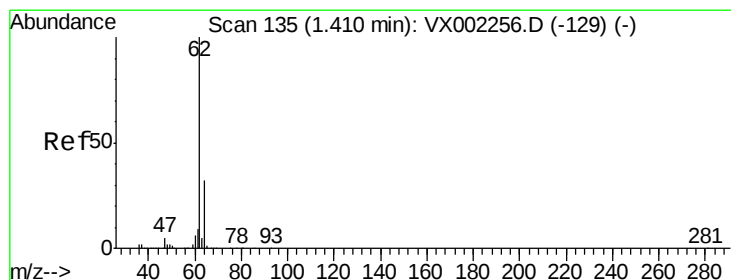
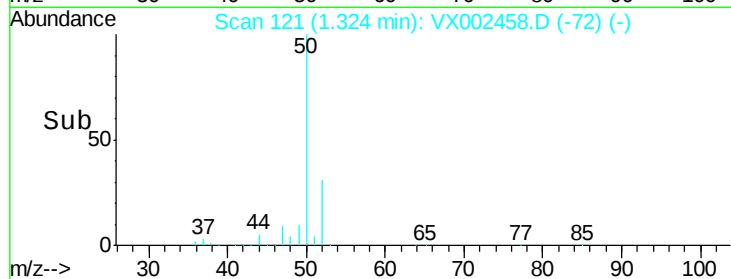
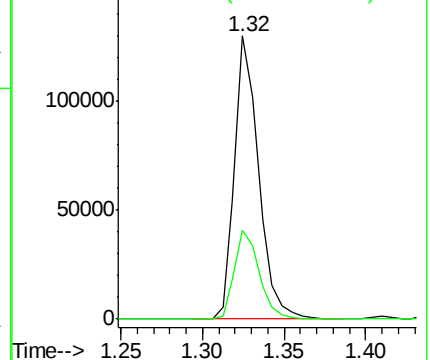
50 100

52 31.3 25.7 38.5



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 50.91 ug/l

RT: 1.41 min Scan# 135

Delta R.T. -0.00 min

Lab File: VX002458.D

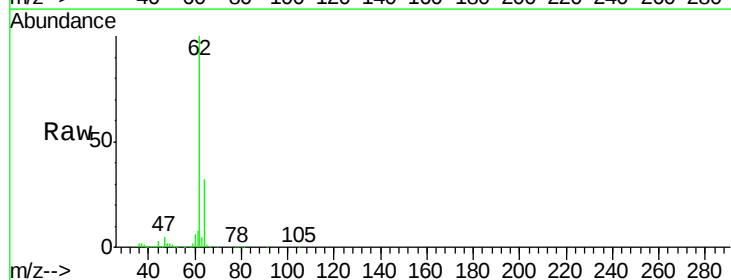
Acq: 12 Jun 2018 10:12

Tgt Ion: 62 Resp: 155957

Ion Ratio Lower Upper

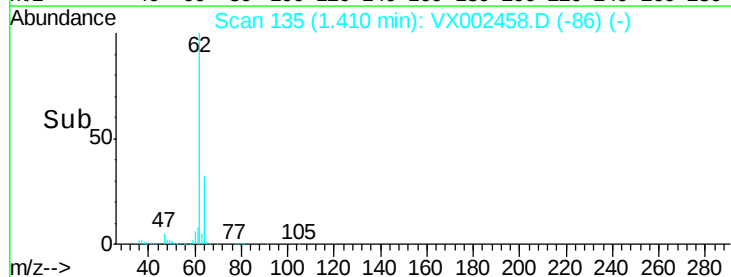
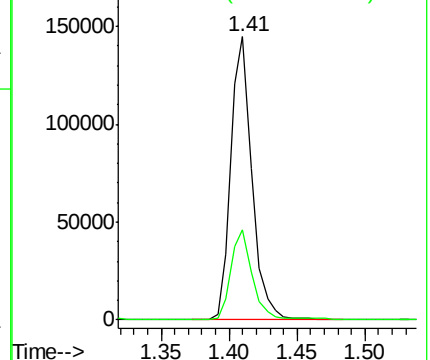
62 100

64 31.7 25.4 38.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 50.56 ug/l

RT: 1.64 min Scan# 173

Delta R.T. 0.01 min

Lab File: VX002458.D

Acq: 12 Jun 2018 10:12

Instrument :

MSVOA_X

ClientSampleId :

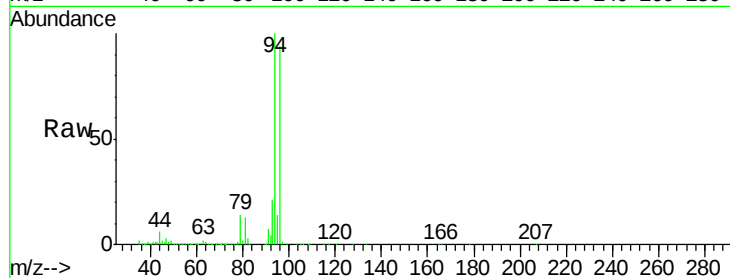
VSTDCCC050

Tgt Ion: 94 Resp: 87593

Ion Ratio Lower Upper

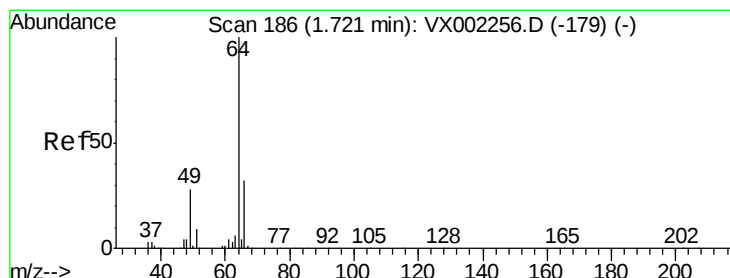
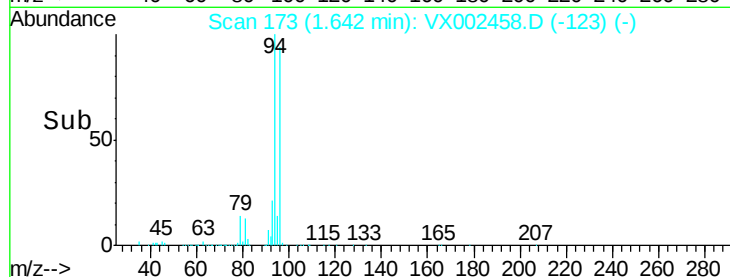
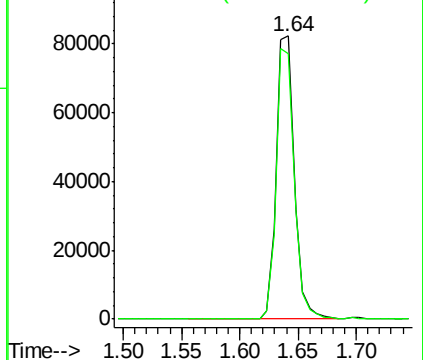
94 100

96 93.9 74.9 112.3



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 54.95 ug/l

RT: 1.72 min Scan# 186

Delta R.T. -0.00 min

Lab File: VX002458.D

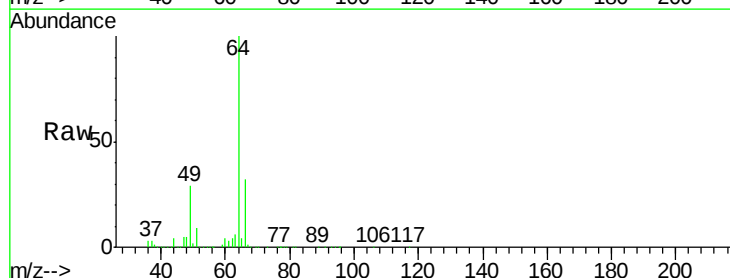
Acq: 12 Jun 2018 10:12

Tgt Ion: 64 Resp: 108899

Ion Ratio Lower Upper

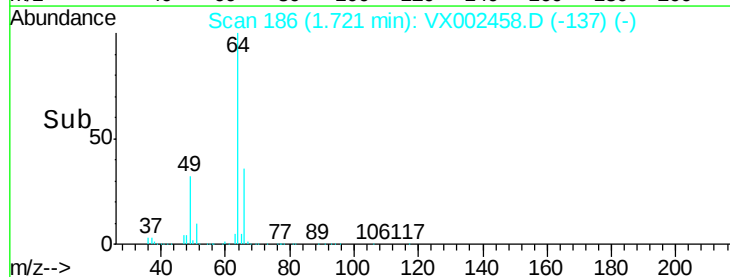
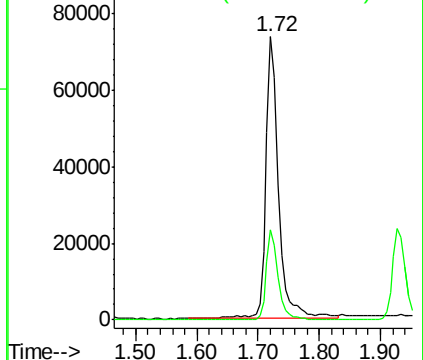
64 100

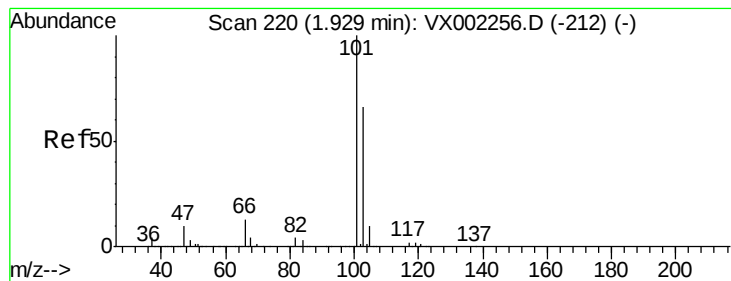
66 32.0 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

Trichlorofluoromethane

Concen: 57.24 ug/l

RT: 1.93 min Scan# 220

Delta R.T. -0.00 min

Lab File: VX002458.D

Acq: 12 Jun 2018 10:12

Instrument :

MSVOA_X

ClientSampleId :

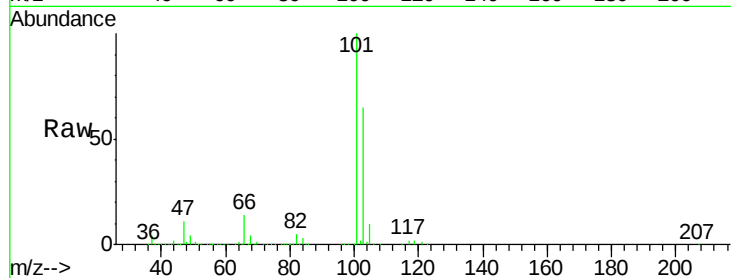
VSTDCCC050

Tgt Ion:101 Resp: 267160

Ion Ratio Lower Upper

101 100

103 64.8 52.8 79.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V

1.93

200000

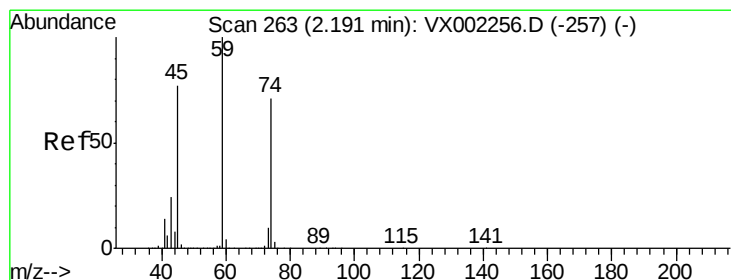
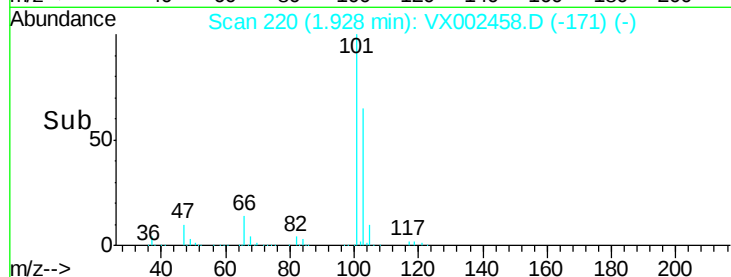
150000

100000

50000

0

Time-->



#8

Diethyl Ether

Concen: 57.74 ug/l

RT: 2.19 min Scan# 263

Delta R.T. 0.00 min

Lab File: VX002458.D

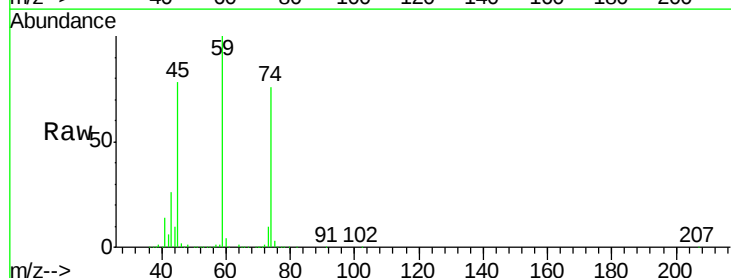
Acq: 12 Jun 2018 10:12

Tgt Ion: 74 Resp: 95162

Ion Ratio Lower Upper

74 100

45 102.9 53.1 159.4



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0

80000

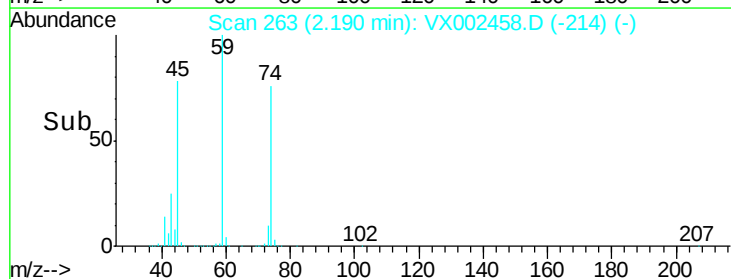
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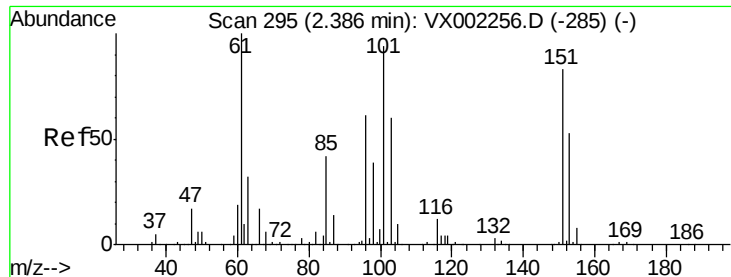
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20000

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Time-->

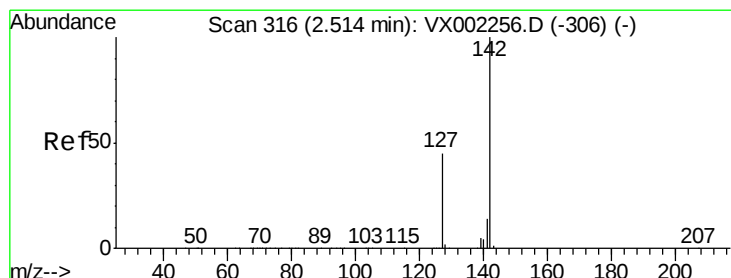
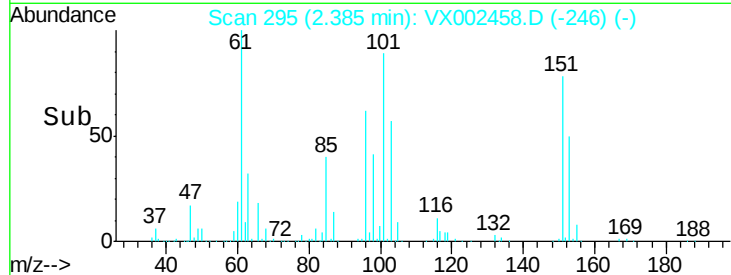
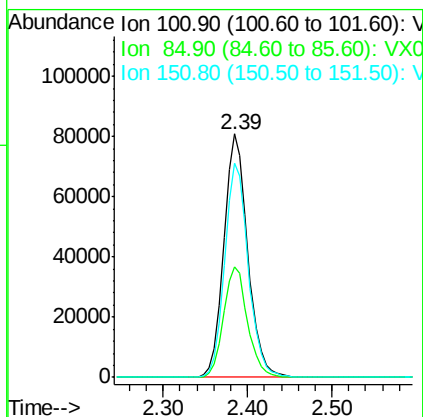
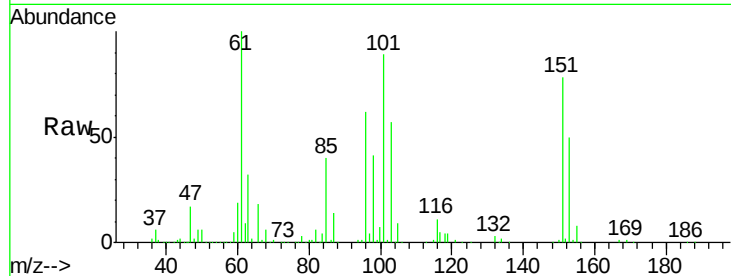




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 62.23 ug/l
 RT: 2.39 min Scan# 295
 Delta R.T. -0.00 min
 Lab File: VX002458.D
 Acq: 12 Jun 2018 10:12

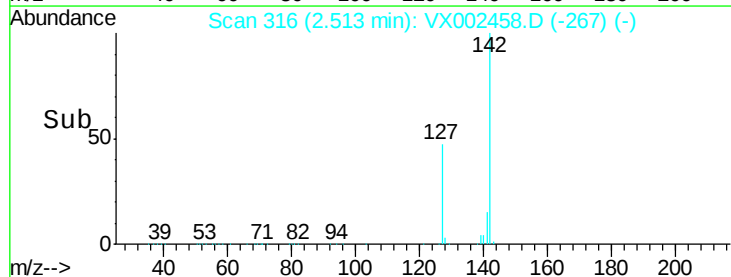
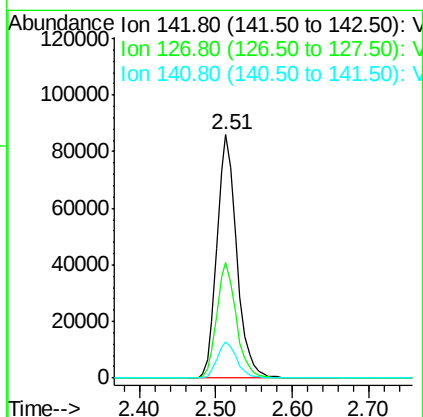
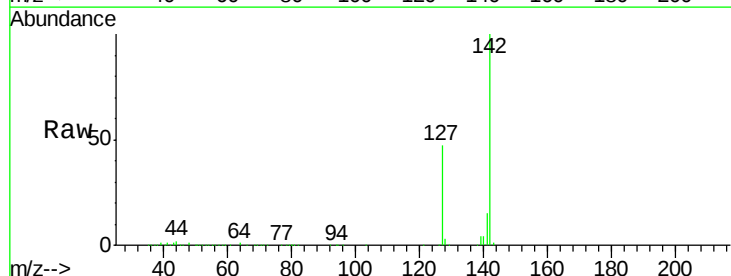
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion:101 Resp: 156739
 Ion Ratio Lower Upper
 101 100
 85 45.6 36.0 54.0
 151 87.3 70.9 106.3



#10
 Methyl Iodide
 Concen: 43.55 ug/l
 RT: 2.51 min Scan# 316
 Delta R.T. -0.00 min
 Lab File: VX002458.D
 Acq: 12 Jun 2018 10:12

Tgt Ion:142 Resp: 154291
 Ion Ratio Lower Upper
 142 100
 127 46.5 36.6 55.0
 141 14.8 11.3 16.9

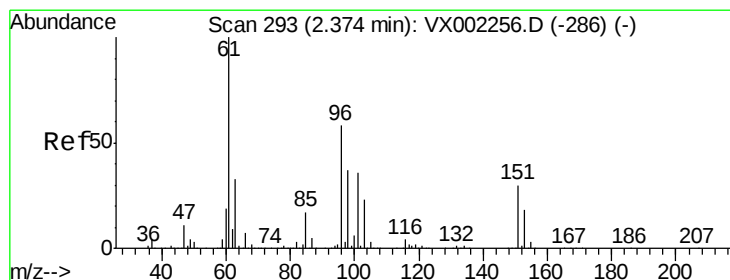
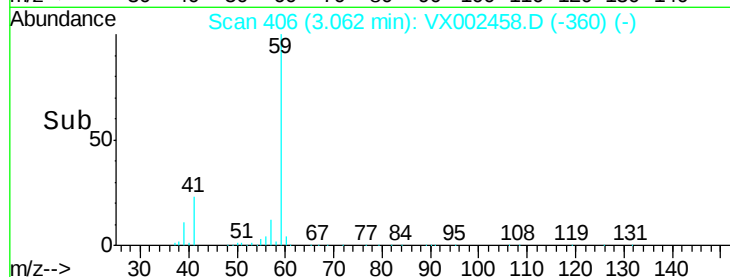
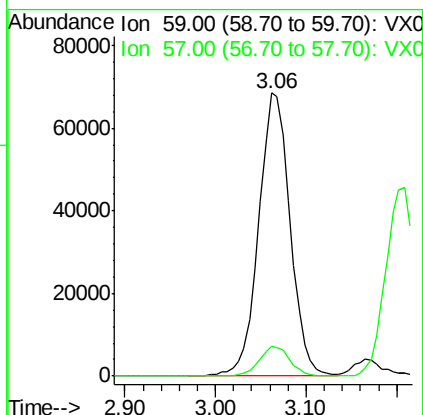
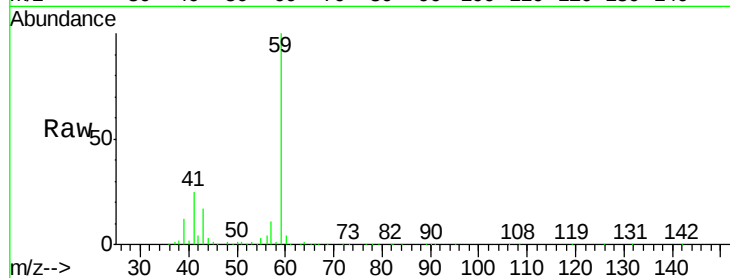




#11
Tert butyl alcohol
Concen: 239.34 ug/l
RT: 3.06 min Scan# 406
Delta R.T. -0.02 min
Lab File: VX002458.D
Acq: 12 Jun 2018 10:12

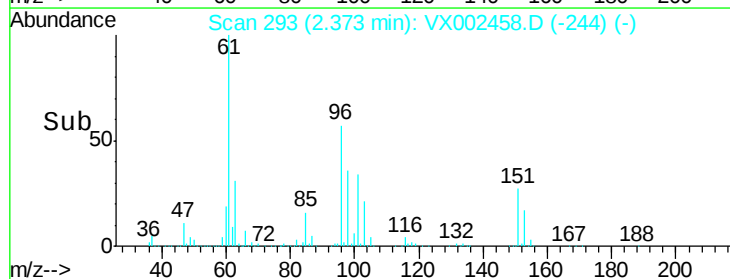
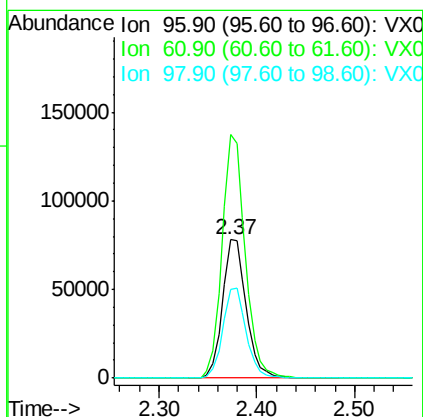
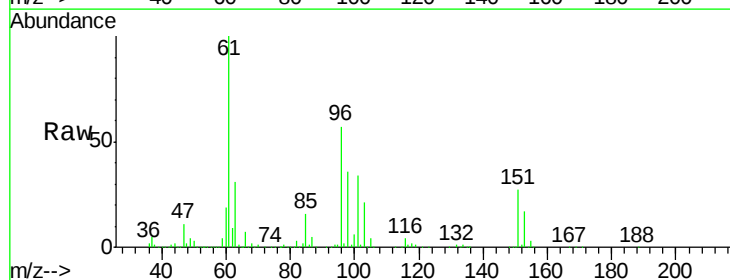
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

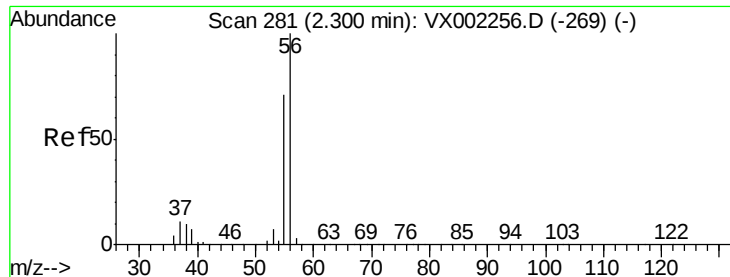
Tgt Ion: 59 Resp: 164592
Ion Ratio Lower Upper
59 100
57 10.3 8.2 12.2



#12
1,1-Dichloroethene
Concen: 52.79 ug/l
RT: 2.37 min Scan# 293
Delta R.T. -0.00 min
Lab File: VX002458.D
Acq: 12 Jun 2018 10:12

Tgt Ion: 96 Resp: 131394
Ion Ratio Lower Upper
96 100
61 176.3 137.9 206.9
98 63.9 51.6 77.4





#13

Acrolein

Concen: 227.63 ug/l

RT: 2.29 min Scan# 280

Delta R.T. -0.01 min

Lab File: VX002458.D

Acq: 12 Jun 2018 10:12

Instrument :

MSVOA_X

ClientSampled :

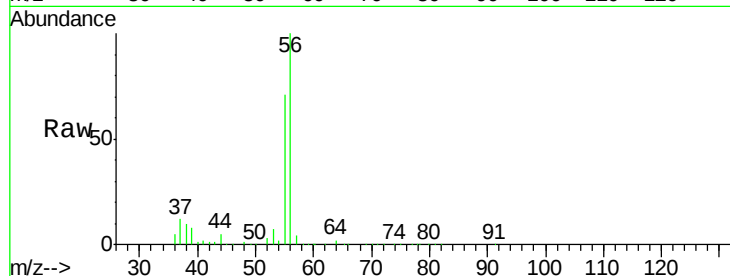
VSTDCCC050

Tgt Ion: 56 Resp: 75863

Ion Ratio Lower Upper

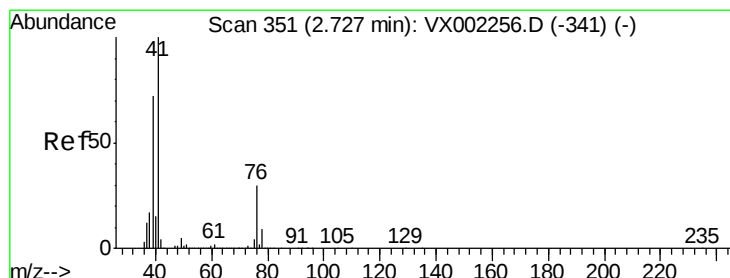
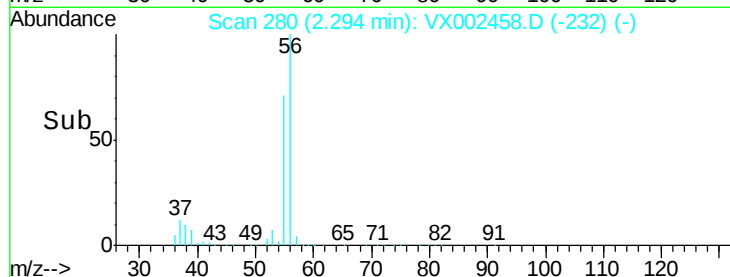
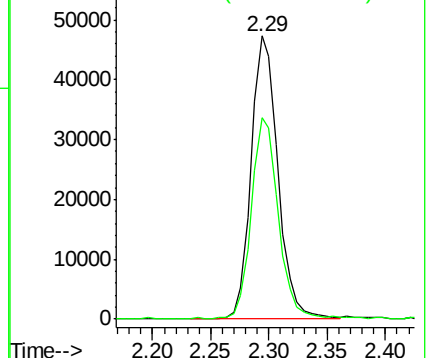
56 100

55 72.1 57.0 85.4



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 49.22 ug/l

RT: 2.73 min Scan# 351

Delta R.T. -0.00 min

Lab File: VX002458.D

Acq: 12 Jun 2018 10:12

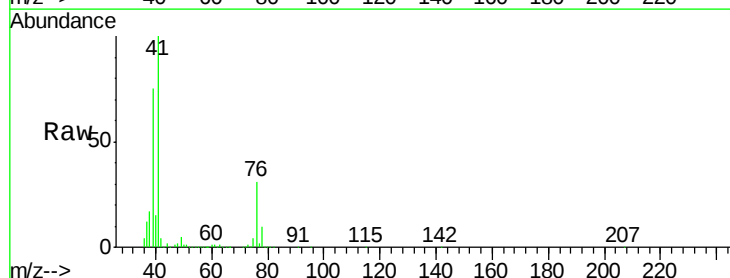
Tgt Ion: 41 Resp: 265872

Ion Ratio Lower Upper

41 100

39 73.3 56.8 85.2

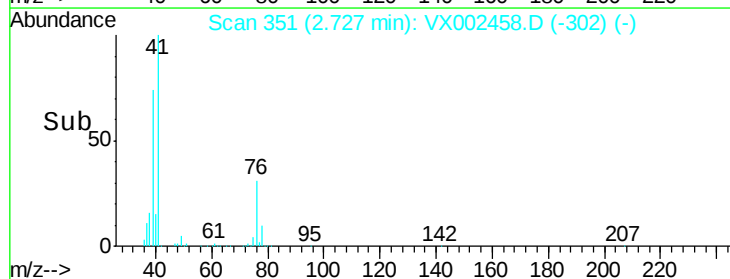
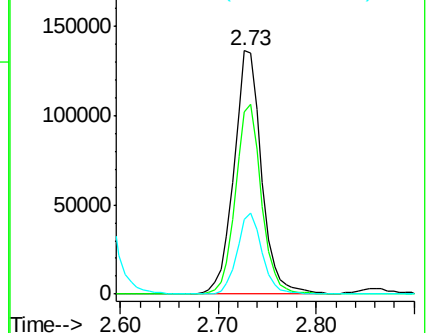
76 30.0 23.8 35.8

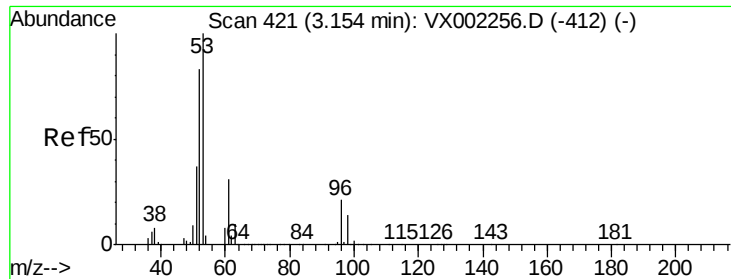


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 268.97 ug/l

RT: 3.15 min Scan# 420

Delta R.T. -0.01 min

Lab File: VX002458.D

Acq: 12 Jun 2018 10:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

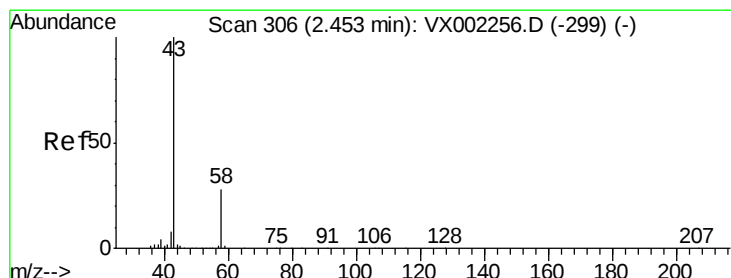
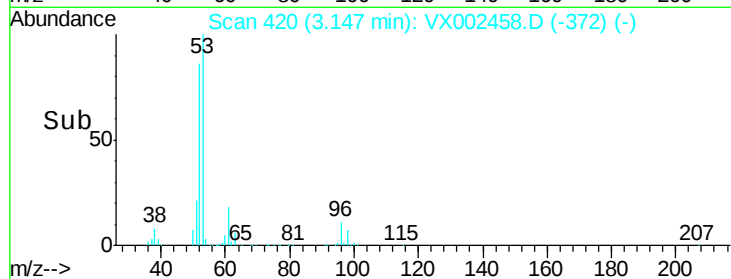
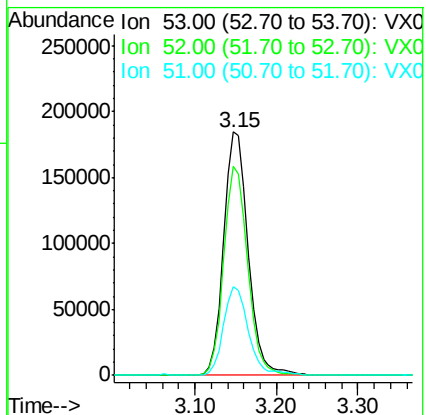
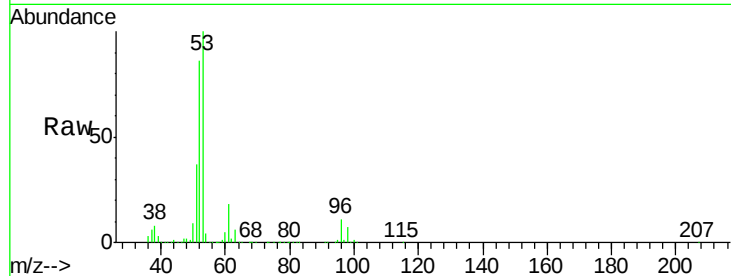
Tgt Ion: 53 Resp: 381716

Ion Ratio Lower Upper

53 100

52 84.1 66.7 100.1

51 37.4 29.9 44.9



#16

Acetone

Concen: 340.81 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX002458.D

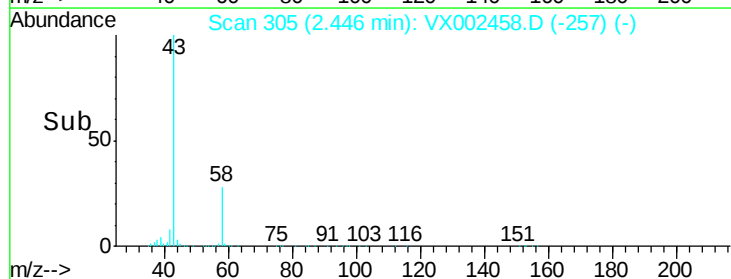
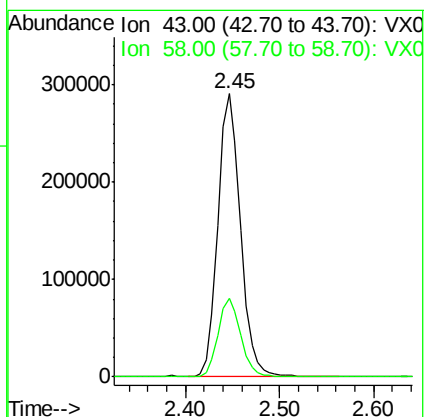
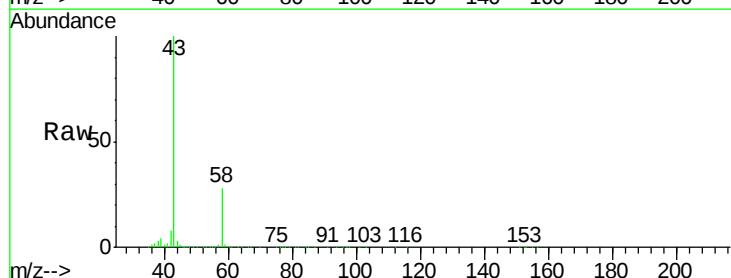
Acq: 12 Jun 2018 10:12

Tgt Ion: 43 Resp: 480084

Ion Ratio Lower Upper

43 100

58 27.6 22.1 33.1

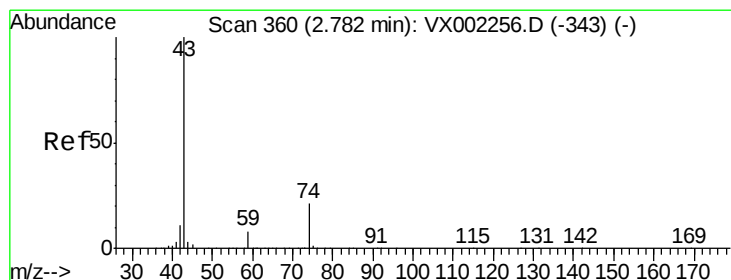
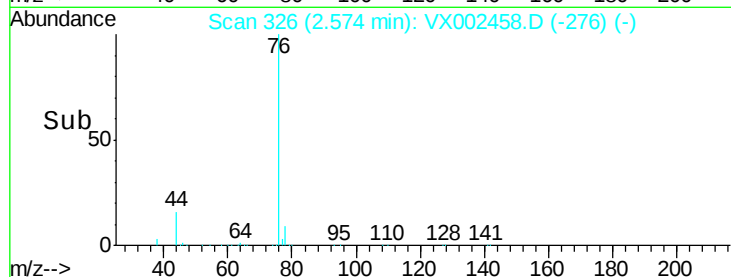
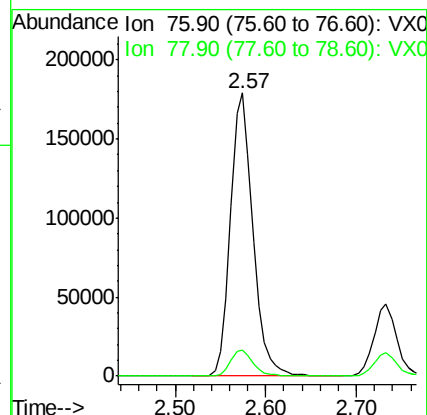
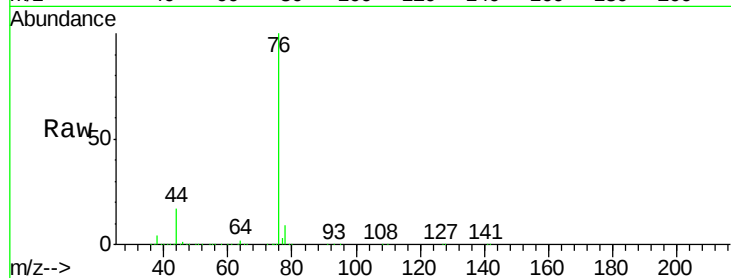




#17
Carbon Disulfide
Concen: 46.87 ug/l
RT: 2.57 min Scan# 326
Delta R.T. 0.01 min
Lab File: VX002458.D
Acq: 12 Jun 2018 10:12

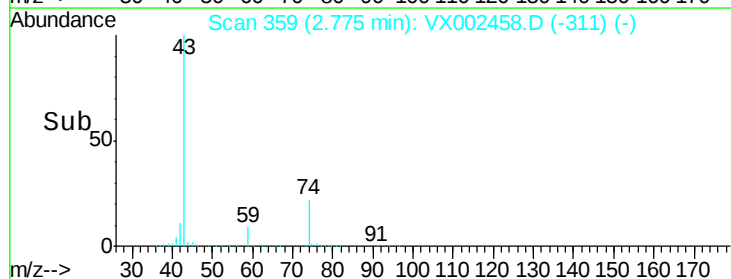
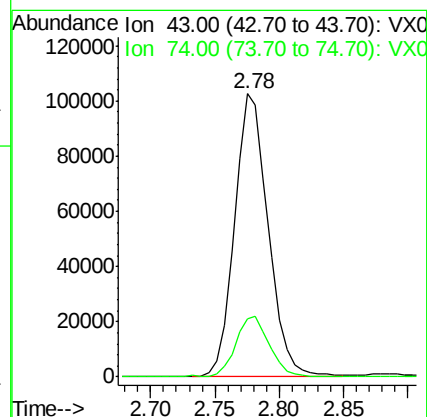
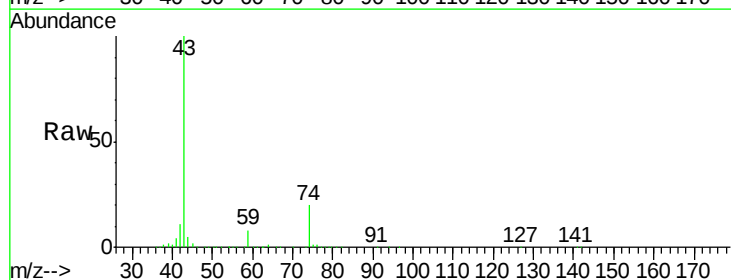
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

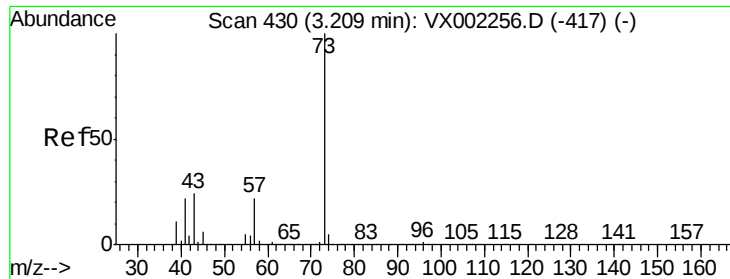
Tgt Ion: 76 Resp: 307533
Ion Ratio Lower Upper
76 100
78 9.3 6.9 10.3



#18
Methyl Acetate
Concen: 55.40 ug/l
RT: 2.78 min Scan# 359
Delta R.T. -0.01 min
Lab File: VX002458.D
Acq: 12 Jun 2018 10:12

Tgt Ion: 43 Resp: 184614
Ion Ratio Lower Upper
43 100
74 21.9 16.7 25.1

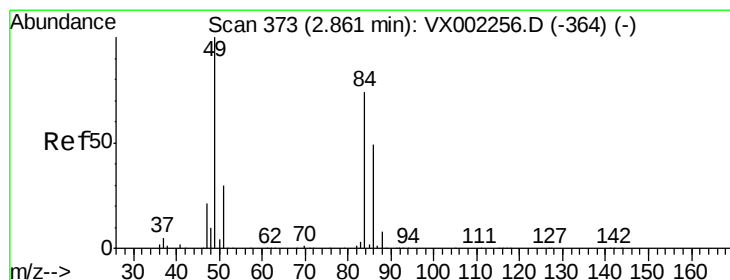
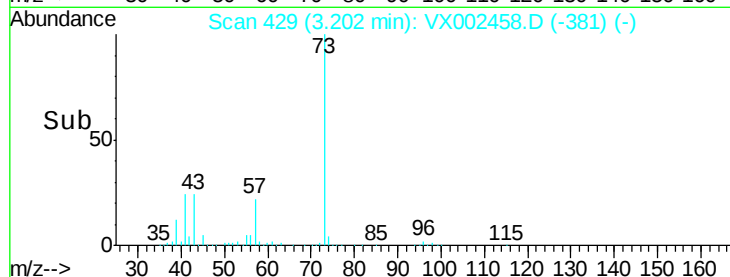
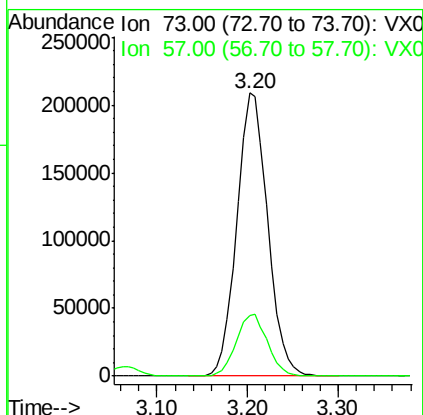
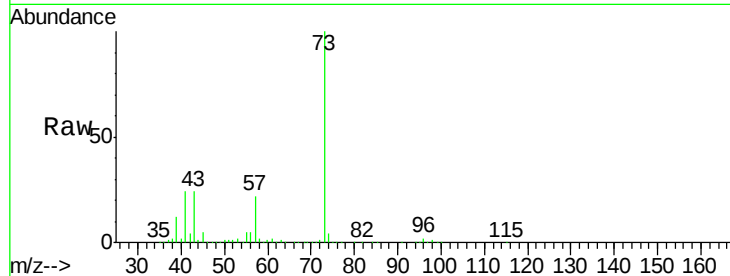




#19
Methyl tert-butyl Ether
Concen: 57.09 ug/l
RT: 3.20 min Scan# 429
Delta R.T. -0.01 min
Lab File: VX002458.D
Acq: 12 Jun 2018 10:12

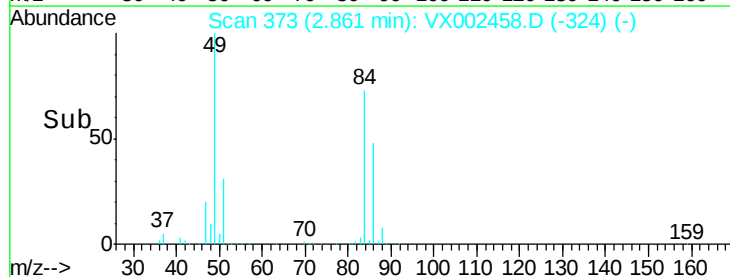
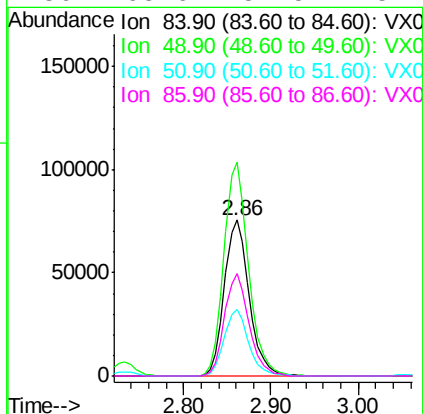
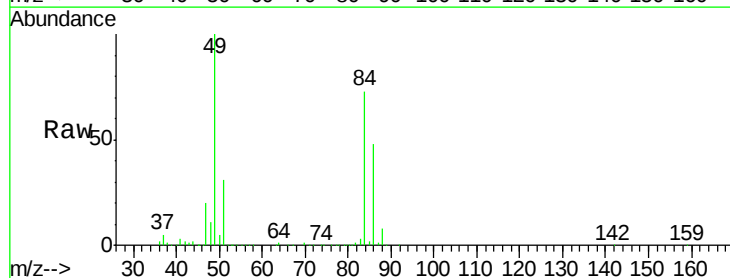
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

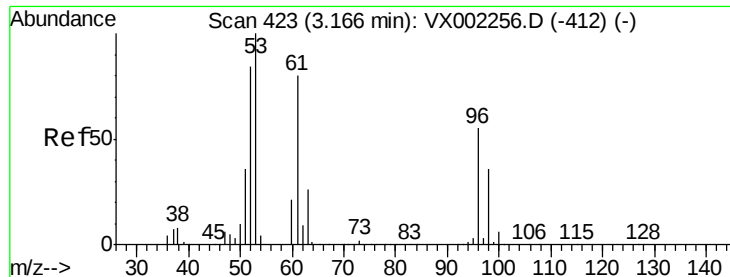
Tgt Ion: 73 Resp: 491933
Ion Ratio Lower Upper
73 100
57 21.5 17.7 26.5



#20
Methylene Chloride
Concen: 56.67 ug/l
RT: 2.86 min Scan# 373
Delta R.T. -0.00 min
Lab File: VX002458.D
Acq: 12 Jun 2018 10:12

Tgt Ion: 84 Resp: 148842
Ion Ratio Lower Upper
84 100
49 136.7 107.8 161.6
51 42.3 32.8 49.2
86 65.6 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 51.45 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX002458.D

Acq: 12 Jun 2018 10:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

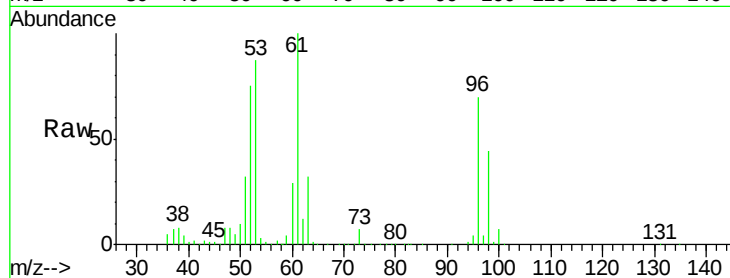
Tgt Ion: 96 Resp: 141238

Ion Ratio Lower Upper

96 100

61 142.6 117.0 175.4

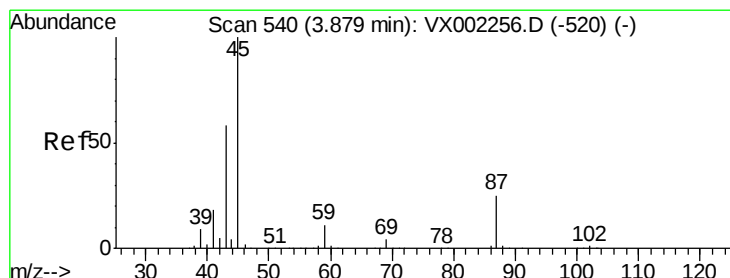
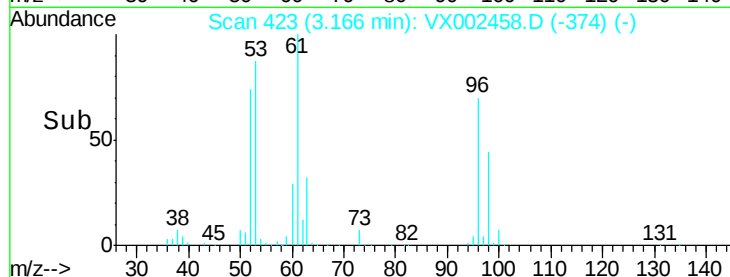
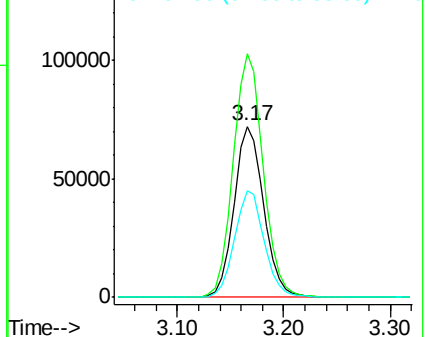
98 62.2 52.4 78.6



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 59.83 ug/l

RT: 3.87 min Scan# 539

Delta R.T. -0.01 min

Lab File: VX002458.D

Acq: 12 Jun 2018 10:12

Tgt Ion: 45 Resp: 537306

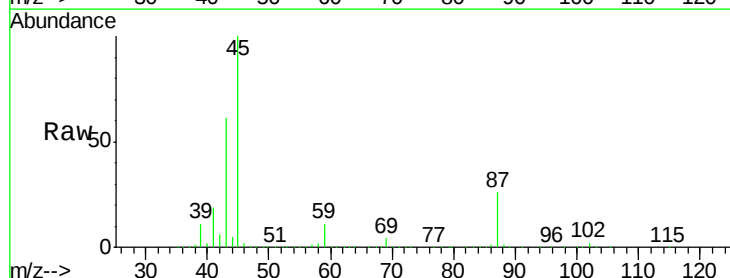
Ion Ratio Lower Upper

45 100

43 61.2 46.8 70.2

87 26.2 20.2 30.4

59 10.9 8.7 13.1

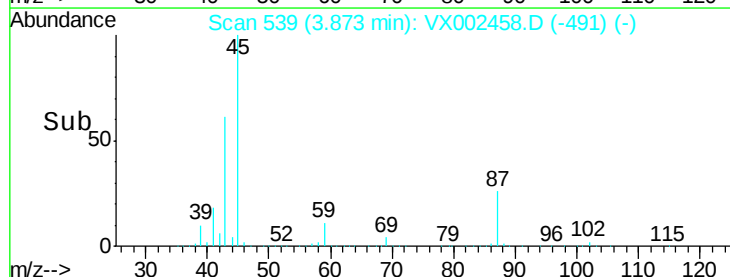
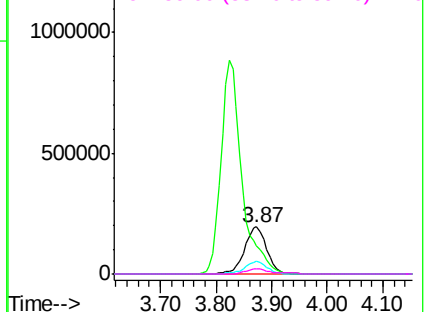


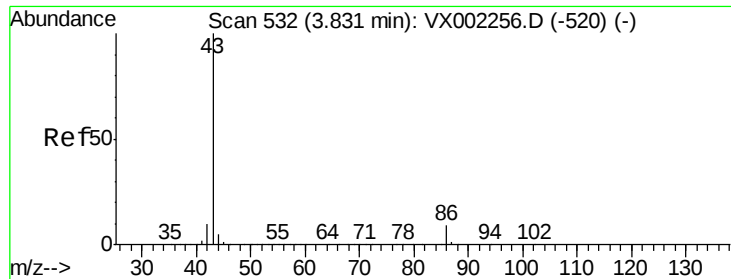
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0

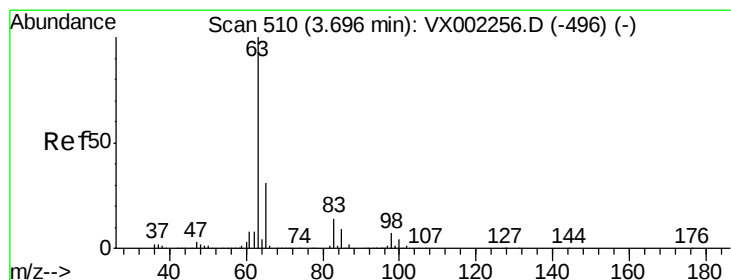
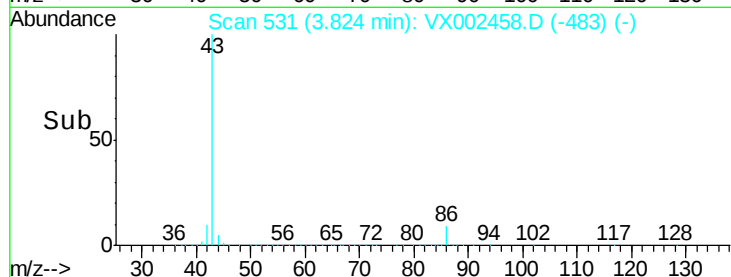
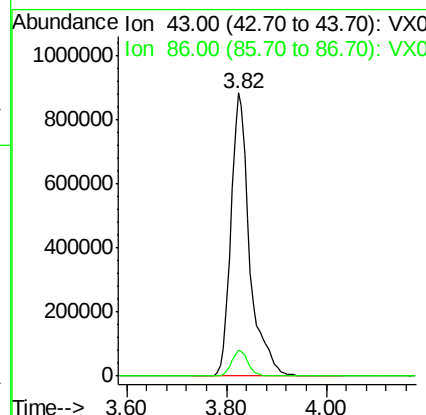
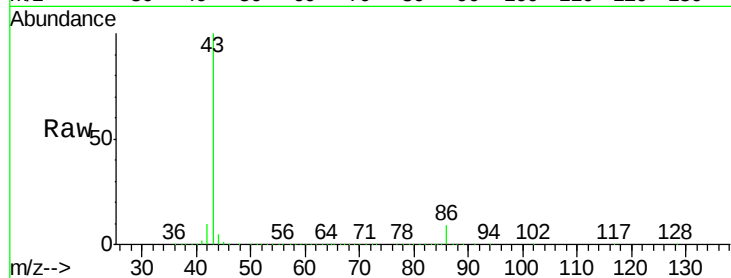




#23
 Vinyl Acetate
 Concen: 262.99 ug/l
 RT: 3.82 min Scan# 531
 Delta R.T. -0.01 min
 Lab File: VX002458.D
 Acq: 12 Jun 2018 10:12

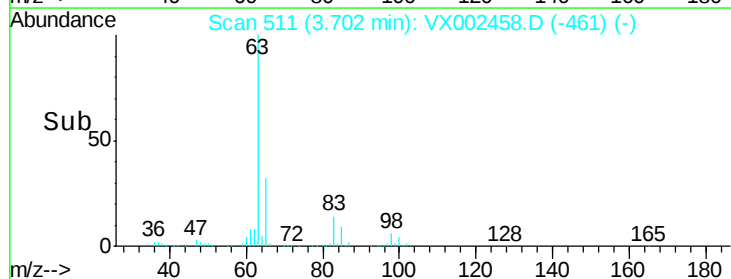
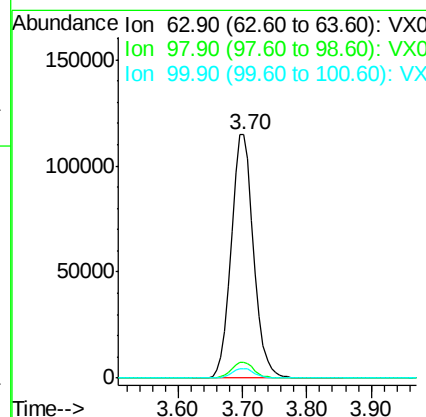
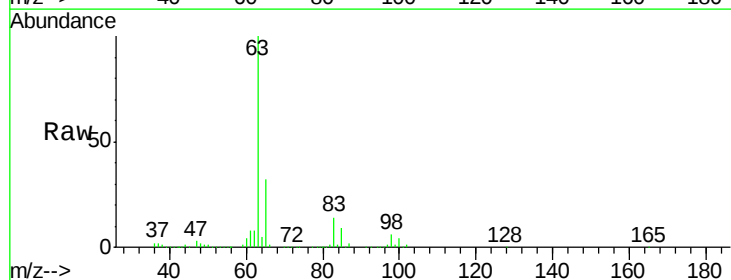
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

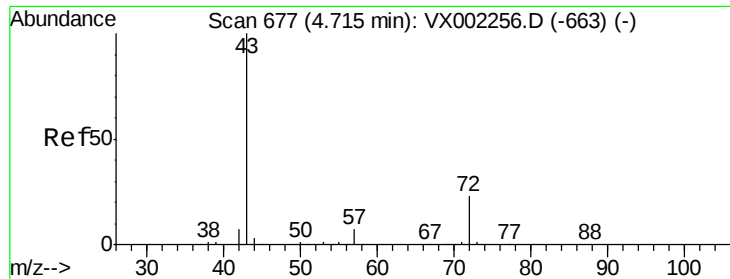
Tgt Ion: 43 Resp: 2303109
 Ion Ratio Lower Upper
 43 100
 86 9.1 7.4 11.0



#24
 1,1-Dichloroethane
 Concen: 52.57 ug/l
 RT: 3.70 min Scan# 511
 Delta R.T. 0.01 min
 Lab File: VX002458.D
 Acq: 12 Jun 2018 10:12

Tgt Ion: 63 Resp: 280656
 Ion Ratio Lower Upper
 63 100
 98 6.4 3.4 10.2
 100 4.0 2.0 6.0





#25

2-Butanone

Concen: 235.68 ug/l

RT: 4.70 min Scan# 675

Delta R.T. -0.01 min

Lab File: VX002458.D

Acq: 12 Jun 2018 10:12

Instrument :

MSVOA_X

ClientSampleId :

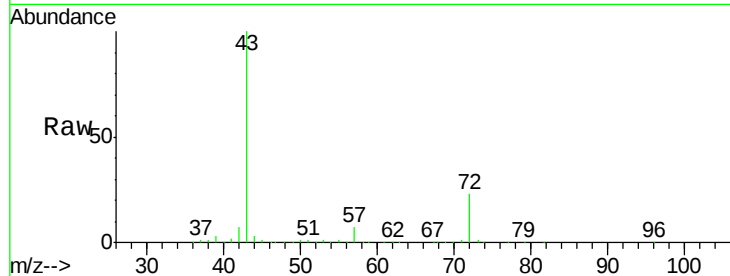
VSTDCCC050

Tgt Ion: 43 Resp: 540325

Ion Ratio Lower Upper

43 100

72 23.3 18.5 27.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

4.70

200000

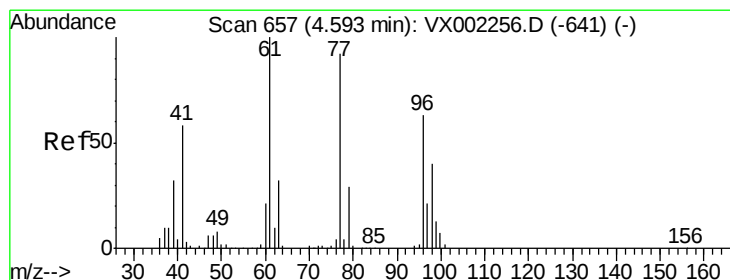
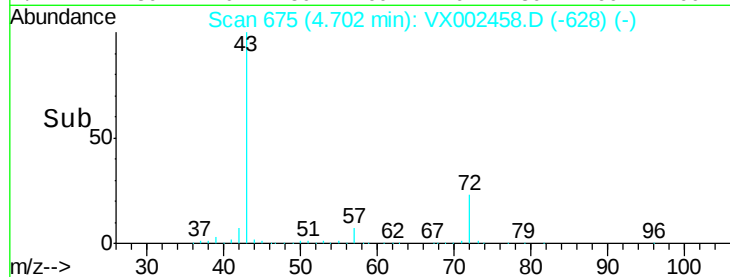
150000

100000

50000

0

Time-->



#26

2,2-Dichloropropane

Concen: 48.99 ug/l

RT: 4.59 min Scan# 656

Delta R.T. -0.01 min

Lab File: VX002458.D

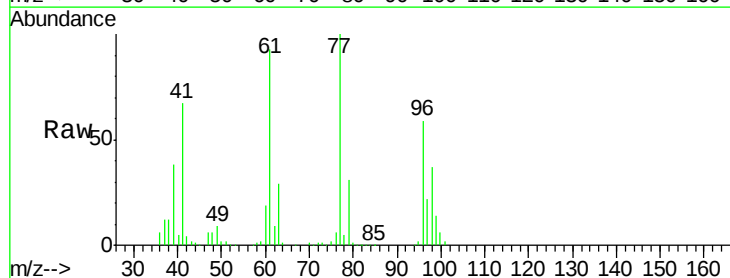
Acq: 12 Jun 2018 10:12

Tgt Ion: 77 Resp: 204456

Ion Ratio Lower Upper

77 100

97 22.2 11.2 33.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

4.59

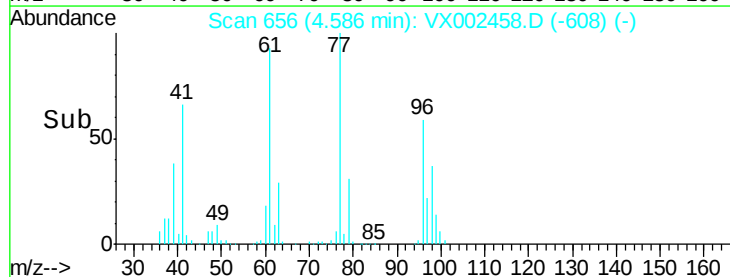
60000

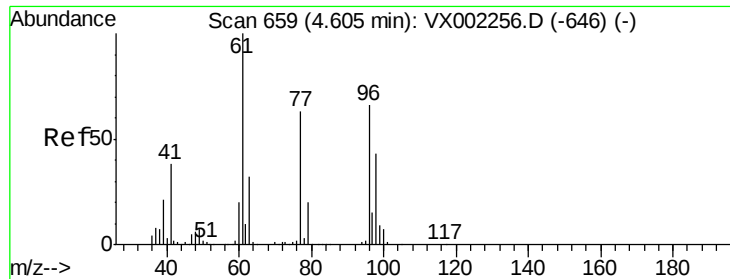
40000

20000

0

Time-->



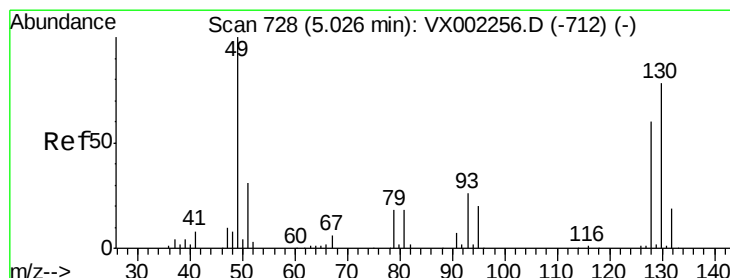
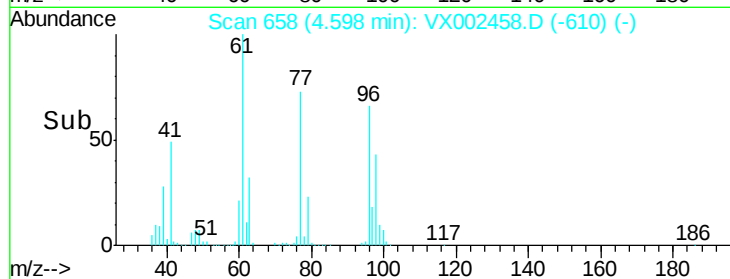
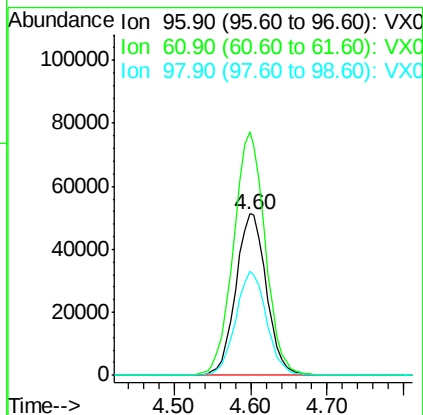
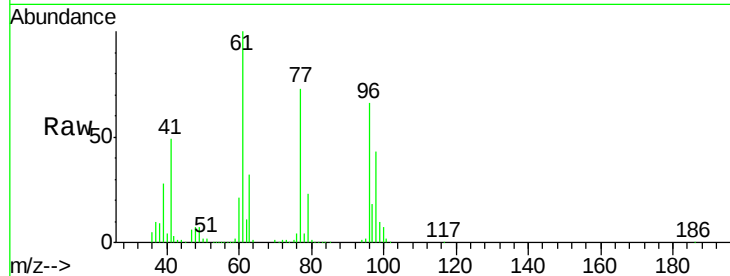


#27

cis-1,2-Dichloroethene
 Concen: 47.60 ug/l
 RT: 4.60 min Scan# 658
 Delta R.T. -0.01 min
 Lab File: VX002458.D
 Acq: 12 Jun 2018 10:12

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

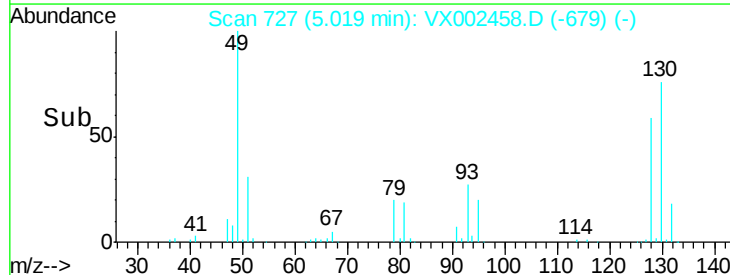
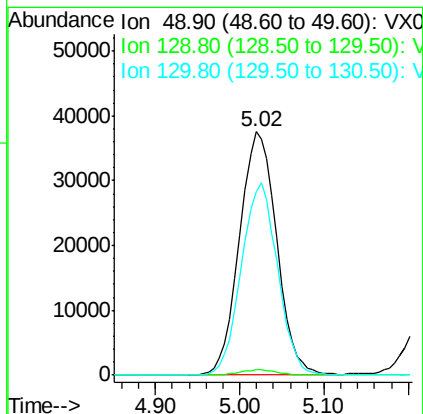
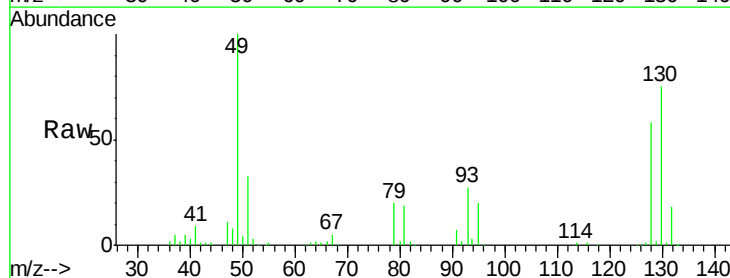
Tgt Ion: 96 Resp: 142090
 Ion Ratio Lower Upper
 96 100
 61 155.9 0.0 330.2
 98 64.8 0.0 130.2

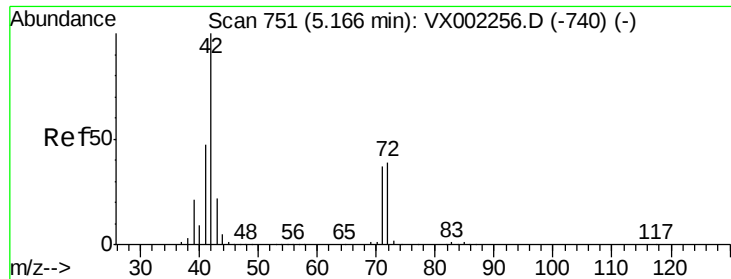


#28

Bromochloromethane
 Concen: 49.74 ug/l
 RT: 5.02 min Scan# 727
 Delta R.T. -0.01 min
 Lab File: VX002458.D
 Acq: 12 Jun 2018 10:12

Tgt Ion: 49 Resp: 112987
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 4.2
 130 76.9 61.2 91.8

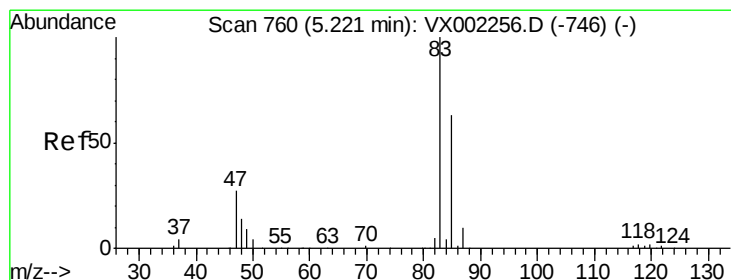
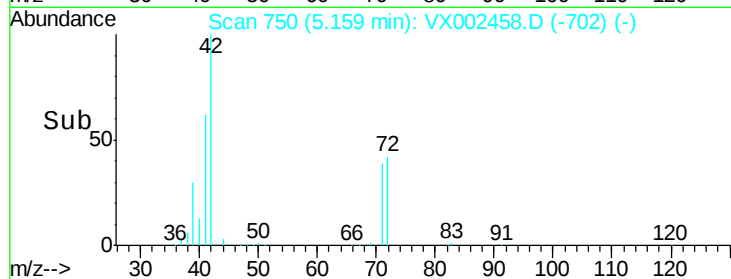
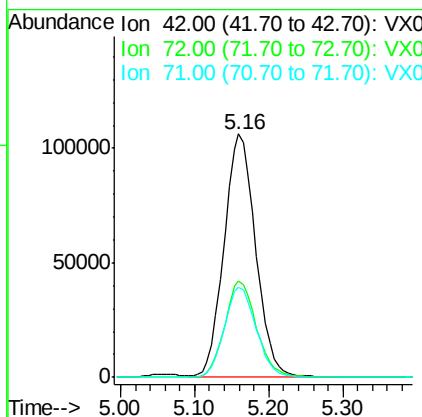
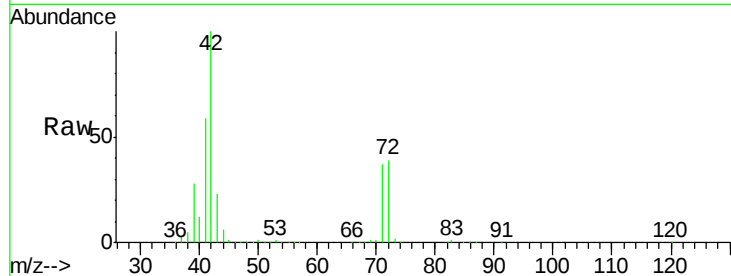




#29
Tetrahydrofuran
Concen: 212.54 ug/l
RT: 5.16 min Scan# 750
Delta R.T. -0.01 min
Lab File: VX002458.D
Acq: 12 Jun 2018 10:12

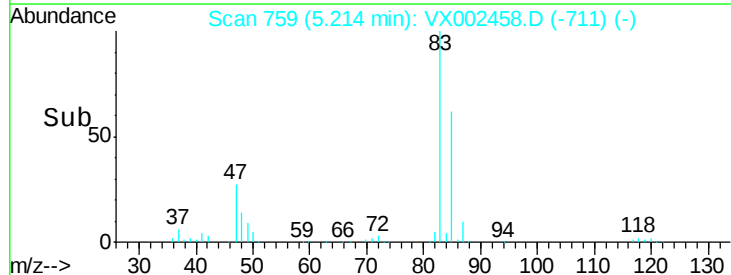
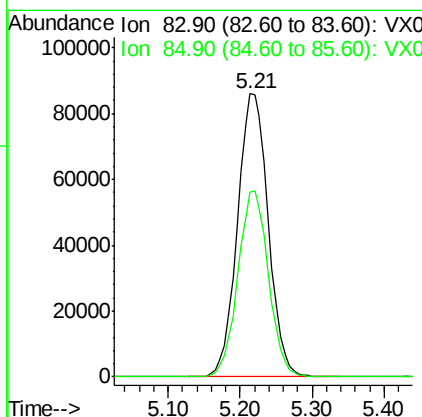
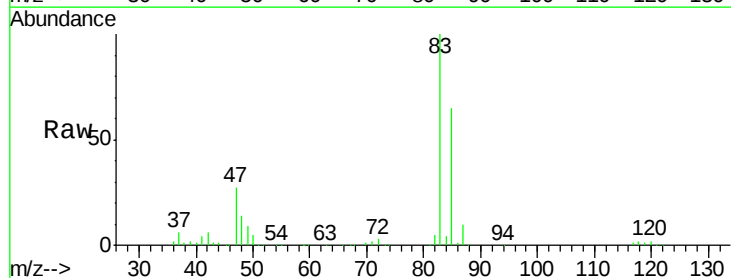
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 42 Resp: 314172
Ion Ratio Lower Upper
42 100
72 40.2 32.0 48.0
71 37.6 30.1 45.1



#30
Chloroform
Concen: 49.53 ug/l
RT: 5.21 min Scan# 759
Delta R.T. -0.01 min
Lab File: VX002458.D
Acq: 12 Jun 2018 10:12

Tgt Ion: 83 Resp: 255198
Ion Ratio Lower Upper
83 100
85 65.3 50.4 75.6





#31

Cyclohexane

Concen: 51.94 ug/l

RT: 5.58 min Scan# 819

Delta R.T. -0.00 min

Lab File: VX002458.D

Acq: 12 Jun 2018 10:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

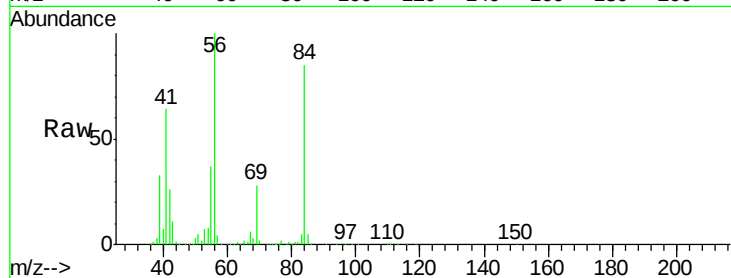
Tgt Ion: 56 Resp: 219267

Ion Ratio Lower Upper

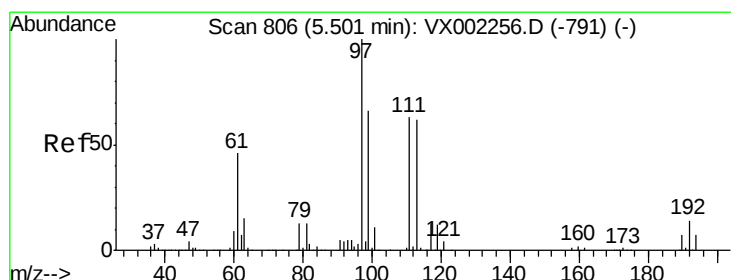
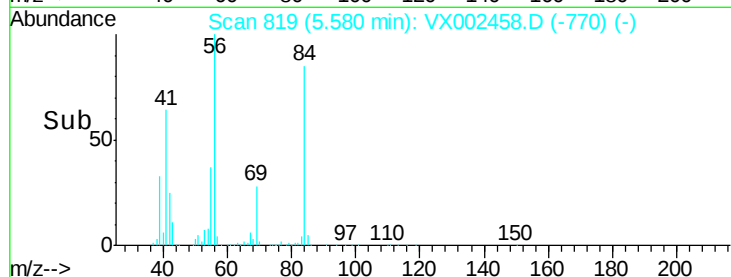
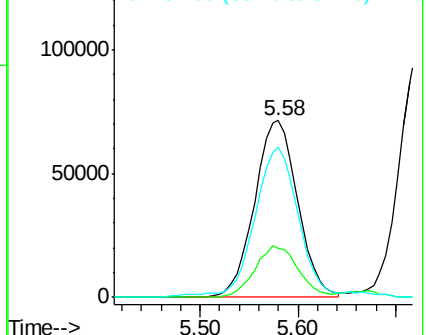
56 100

69 27.7 23.7 35.5

84 83.6 64.1 96.1



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



#32

1,1,1-Trichloroethane

Concen: 51.12 ug/l

RT: 5.49 min Scan# 805

Delta R.T. -0.01 min

Lab File: VX002458.D

Acq: 12 Jun 2018 10:12

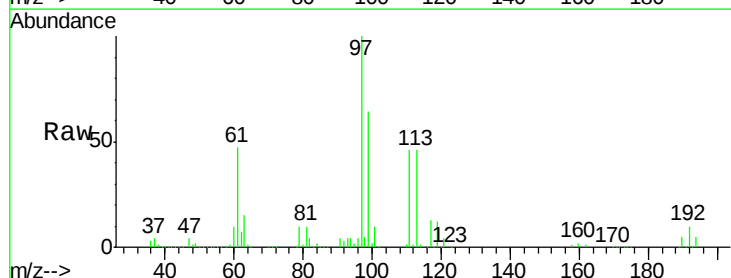
Tgt Ion: 97 Resp: 223351

Ion Ratio Lower Upper

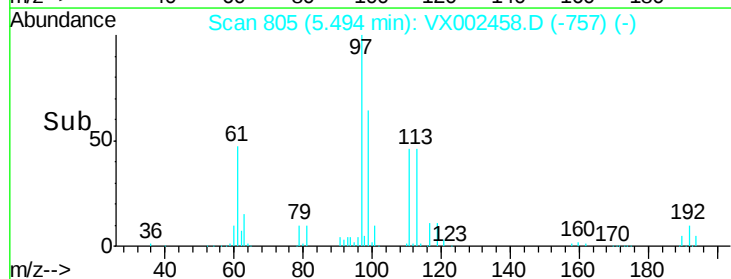
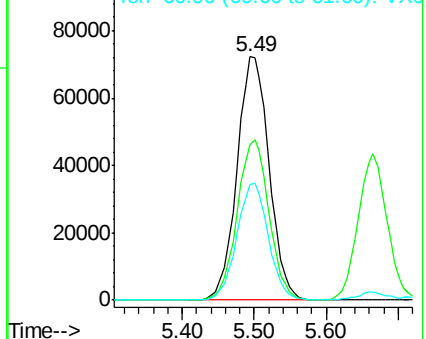
97 100

99 65.2 51.6 77.4

61 47.1 36.4 54.6



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

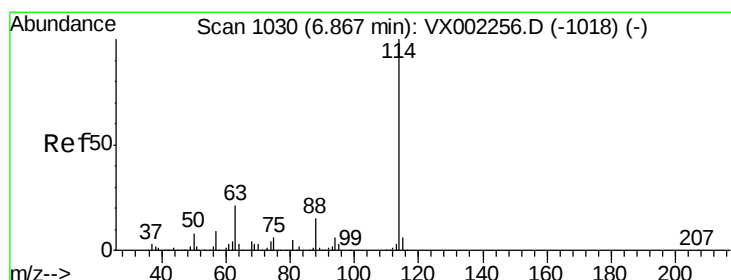
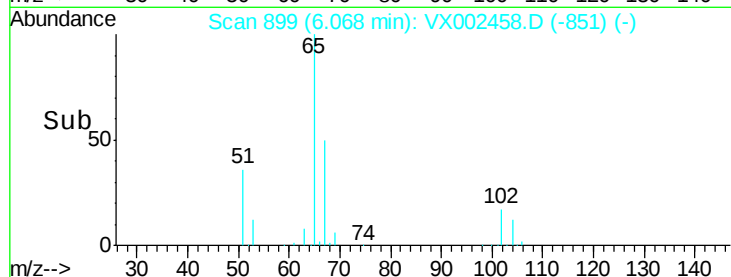
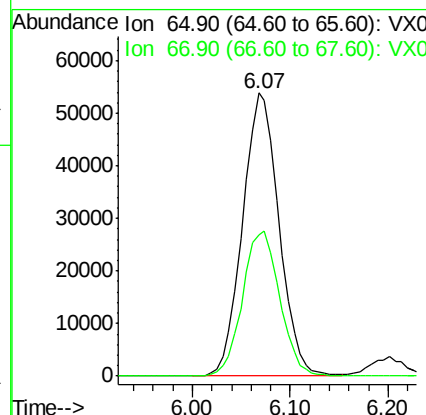
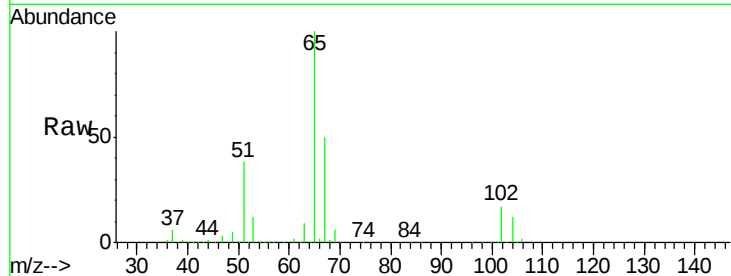




#33
 1,2-Dichloroethane-d4
 Concen: 40.97 ug/l
 RT: 6.07 min Scan# 899
 Delta R.T. -0.01 min
 Lab File: VX002458.D
 Acq: 12 Jun 2018 10:12

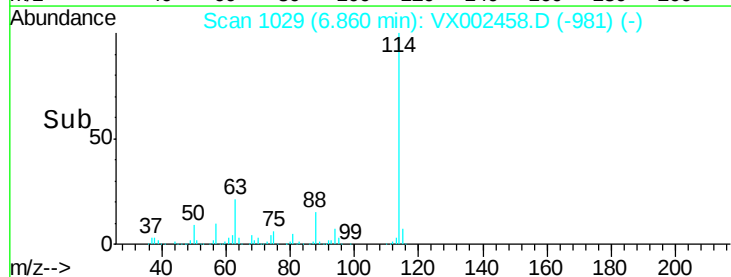
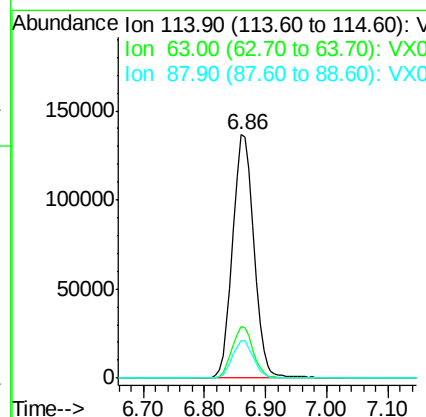
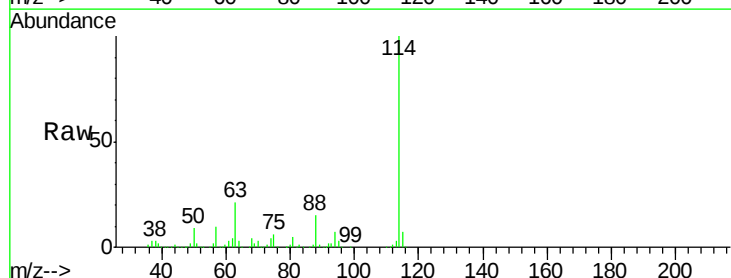
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 65 Resp: 139076
 Ion Ratio Lower Upper
 65 100
 67 52.2 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.86 min Scan# 1029
 Delta R.T. -0.01 min
 Lab File: VX002458.D
 Acq: 12 Jun 2018 10:12

Tgt Ion: 114 Resp: 327760
 Ion Ratio Lower Upper
 114 100
 63 21.1 0.0 41.4
 88 15.3 0.0 30.0





#35

Dibromofluoromethane

Concen: 42.93 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.00 min

Lab File: VX002458.D

Acq: 12 Jun 2018 10:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

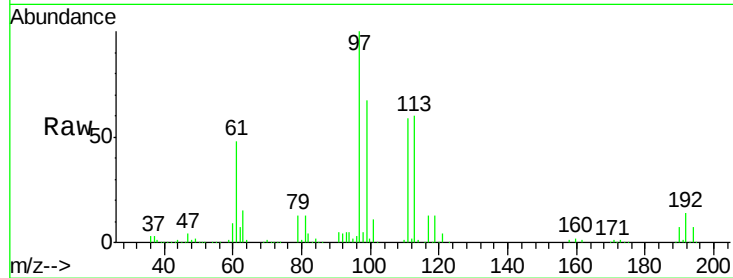
Tgt Ion:113 Resp: 110653

Ion Ratio Lower Upper

113 100

111 100.7 81.4 122.0

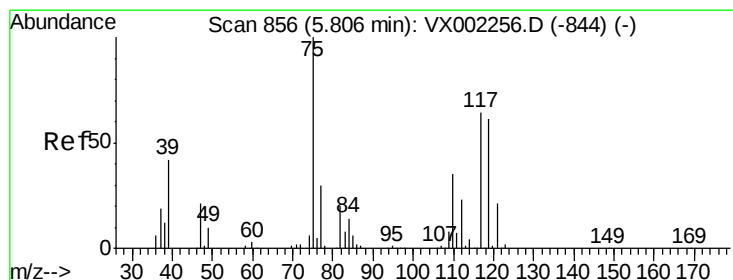
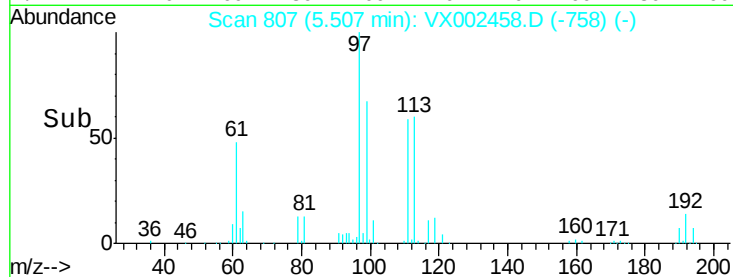
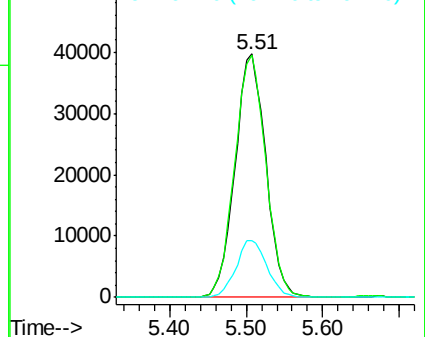
192 23.5 19.1 28.7



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 54.21 ug/l

RT: 5.81 min Scan# 856

Delta R.T. -0.00 min

Lab File: VX002458.D

Acq: 12 Jun 2018 10:12

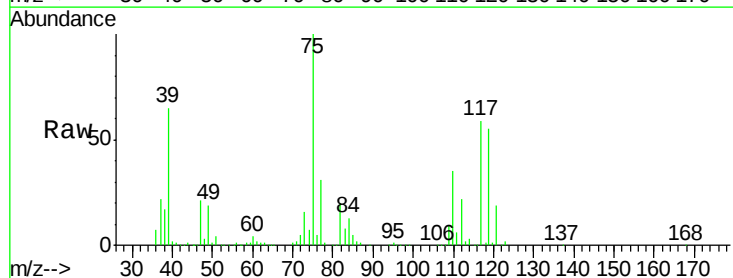
Tgt Ion: 75 Resp: 186790

Ion Ratio Lower Upper

75 100

110 36.1 18.1 54.4

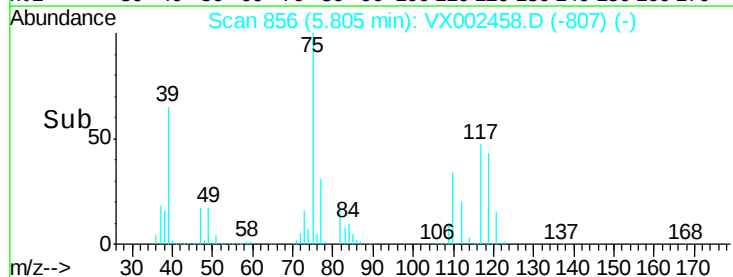
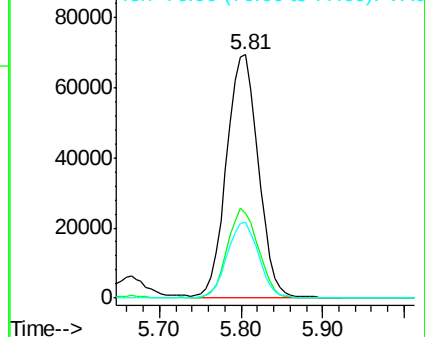
77 30.6 24.3 36.5

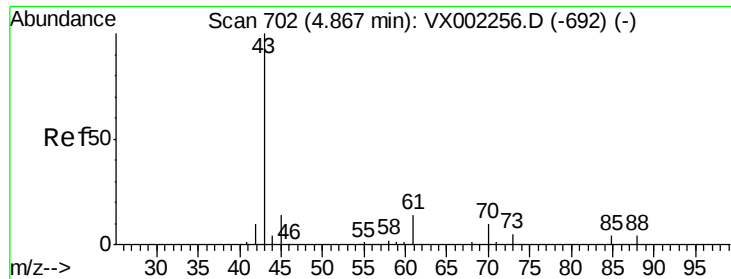


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

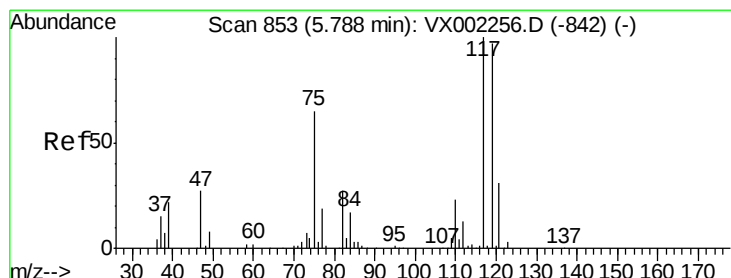
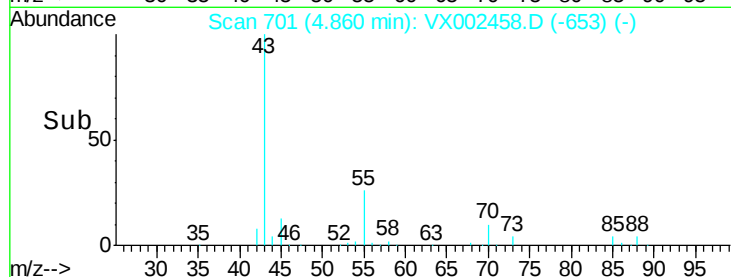
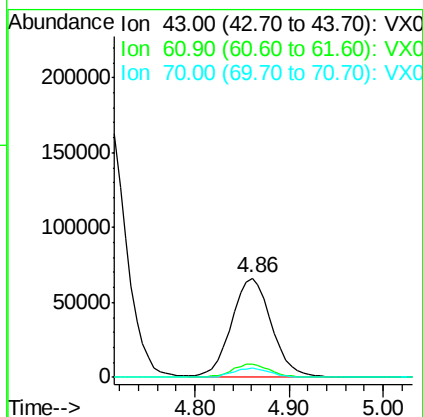
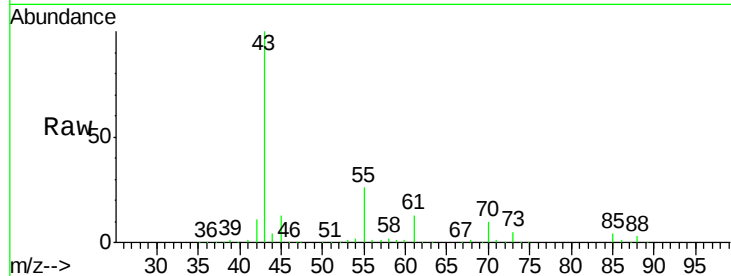




#37
Ethyl Acetate
Concen: 46.78 ug/l
RT: 4.86 min Scan# 701
Delta R.T. -0.01 min
Lab File: VX002458.D
Acq: 12 Jun 2018 10:12

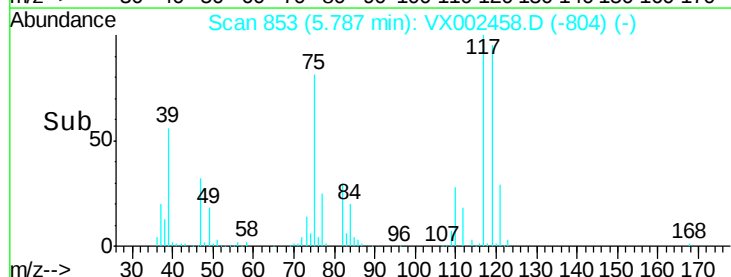
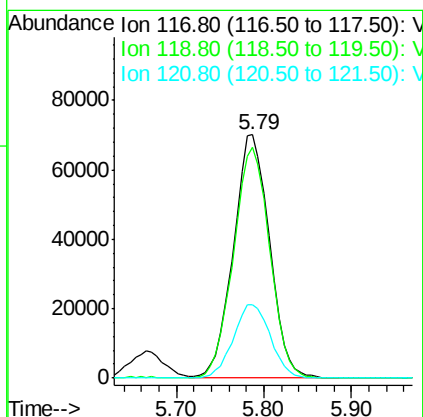
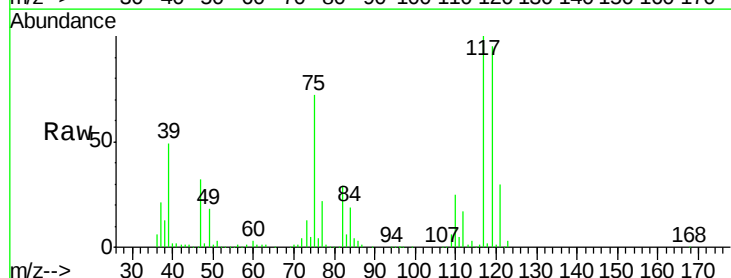
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

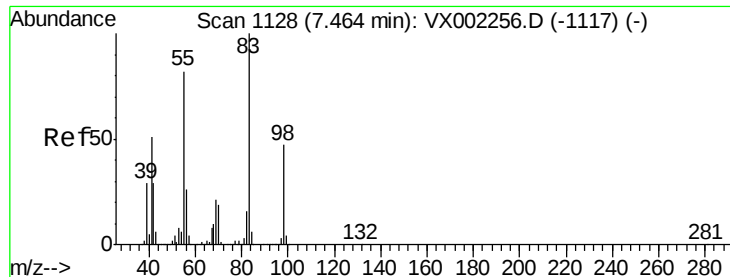
Tgt Ion: 43 Resp: 193836
Ion Ratio Lower Upper
43 100
61 13.0 10.4 15.6
70 9.2 7.6 11.4



#38
Carbon Tetrachloride
Concen: 55.95 ug/l
RT: 5.79 min Scan# 853
Delta R.T. -0.00 min
Lab File: VX002458.D
Acq: 12 Jun 2018 10:12

Tgt Ion: 117 Resp: 201679
Ion Ratio Lower Upper
117 100
119 95.0 77.4 116.0
121 30.1 24.4 36.6

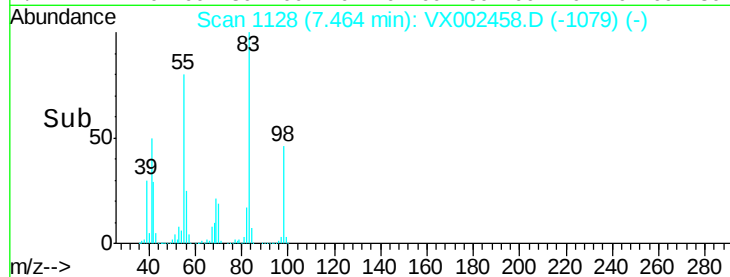
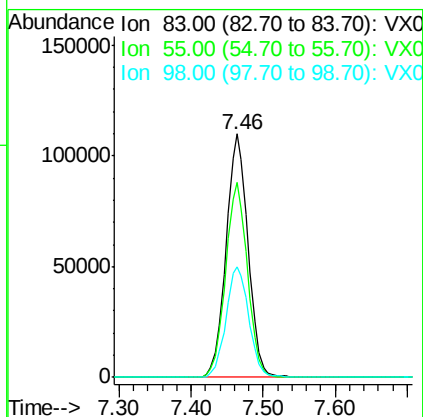
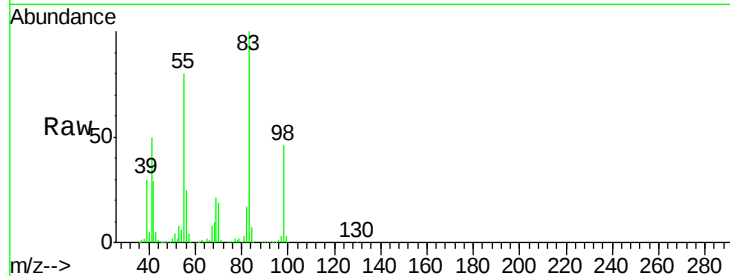




#39
Methylcyclohexane
Concen: 54.67 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VX002458.D
Acq: 12 Jun 2018 10:12

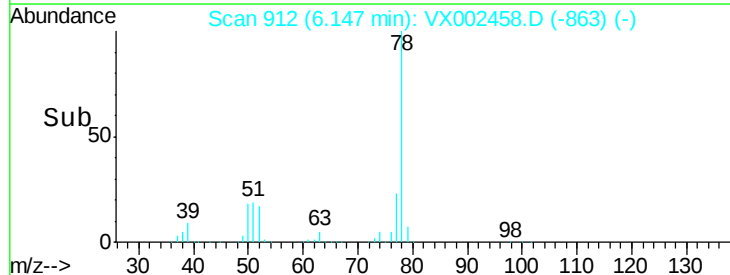
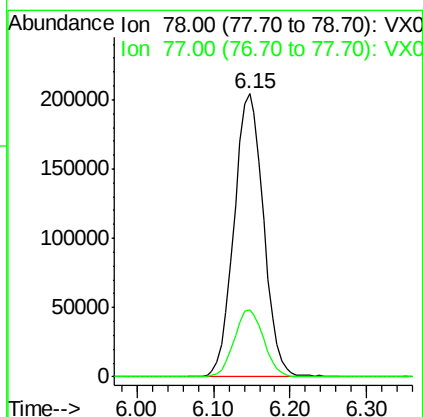
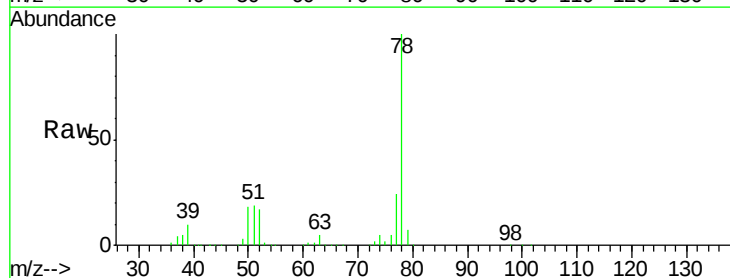
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 232834
Ion Ratio Lower Upper
83 100
55 80.1 65.4 98.0
98 45.6 37.4 56.0



#40
Benzene
Concen: 51.58 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.00 min
Lab File: VX002458.D
Acq: 12 Jun 2018 10:12

Tgt Ion: 78 Resp: 544939
Ion Ratio Lower Upper
78 100
77 23.8 19.1 28.7

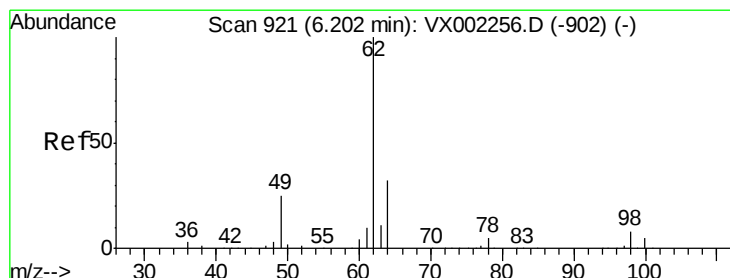
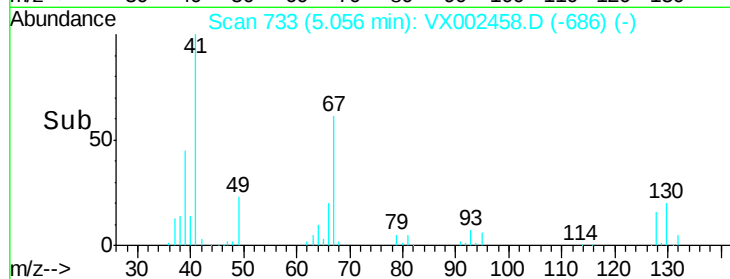
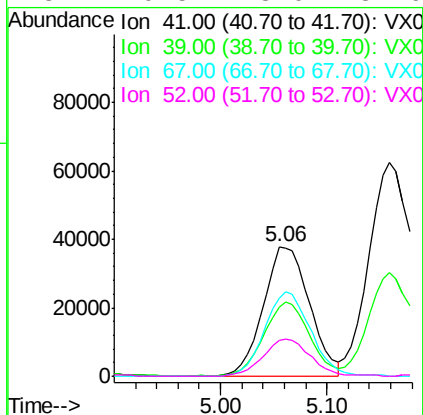
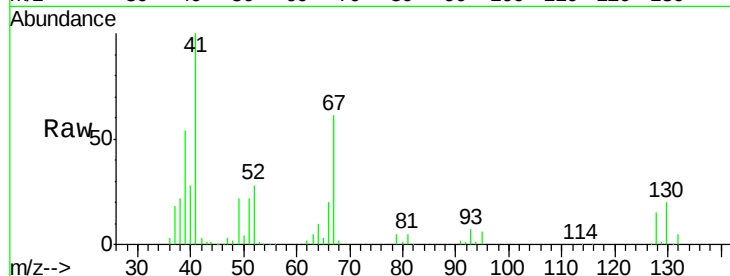




#41
Methacrylonitrile
Concen: 47.90 ug/l
RT: 5.06 min Scan# 733
Delta R.T. -0.01 min
Lab File: VX002458.D
Acq: 12 Jun 2018 10:12

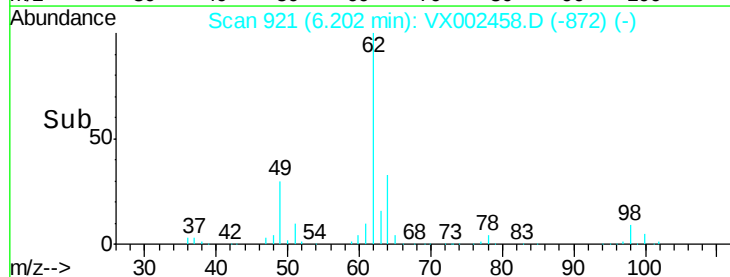
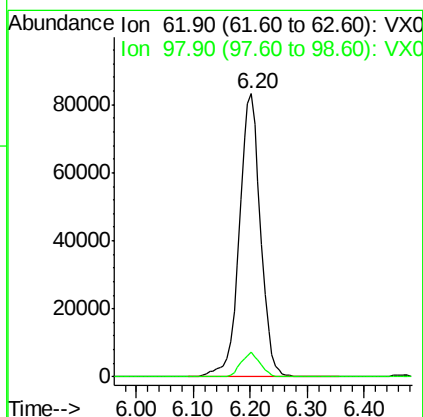
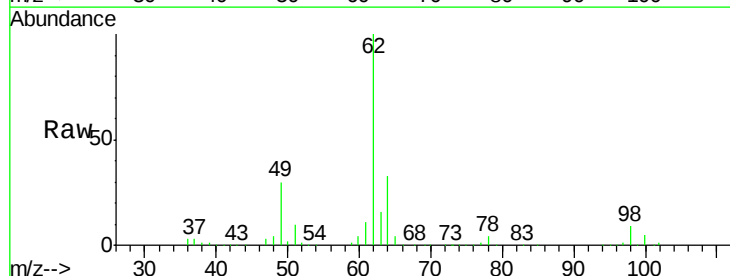
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

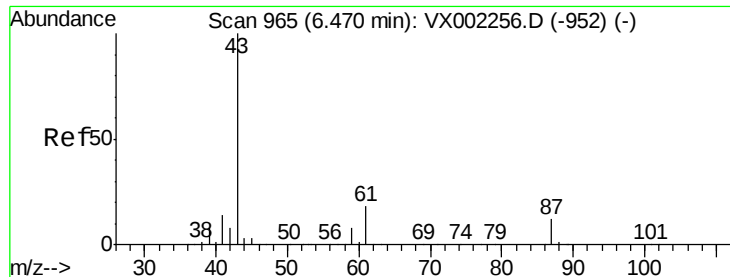
Tgt Ion:	41	Resp:	113626
Ion	Ratio	Lower	Upper
41	100		
39	56.3	45.8	68.6
67	64.8	51.3	76.9
52	29.5	23.0	34.6



#42
1,2-Dichloroethane
Concen: 51.57 ug/l
RT: 6.20 min Scan# 921
Delta R.T. -0.00 min
Lab File: VX002458.D
Acq: 12 Jun 2018 10:12

Tgt Ion:	62	Resp:	216455
Ion	Ratio	Lower	Upper
62	100		
98	8.0	0.0	16.6





#43

Isopropyl Acetate

Concen: 48.61 ug/l

RT: 6.46 min Scan# 964

Delta R.T. -0.01 min

Lab File: VX002458.D

Acq: 12 Jun 2018 10:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

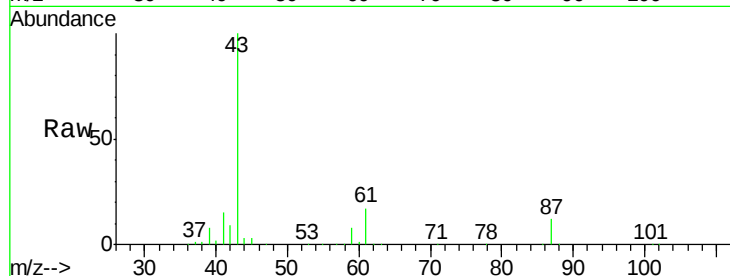
Tgt Ion: 43 Resp: 342135

Ion Ratio Lower Upper

43 100

61 17.6 14.4 21.6

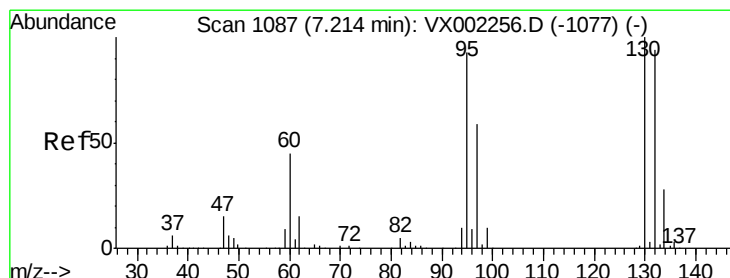
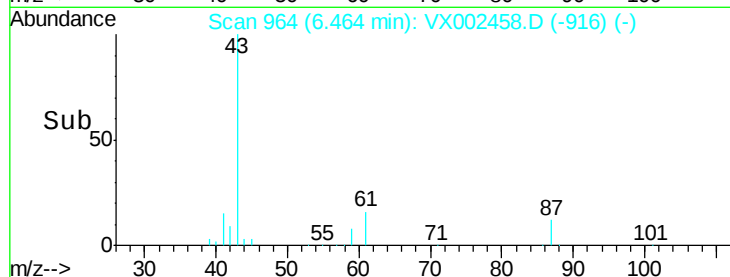
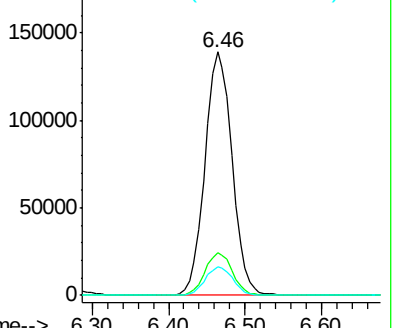
87 11.9 9.5 14.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 53.38 ug/l

RT: 7.21 min Scan# 1087

Delta R.T. -0.00 min

Lab File: VX002458.D

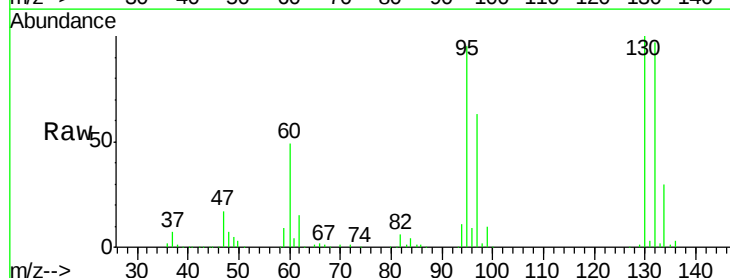
Acq: 12 Jun 2018 10:12

Tgt Ion: 130 Resp: 156515

Ion Ratio Lower Upper

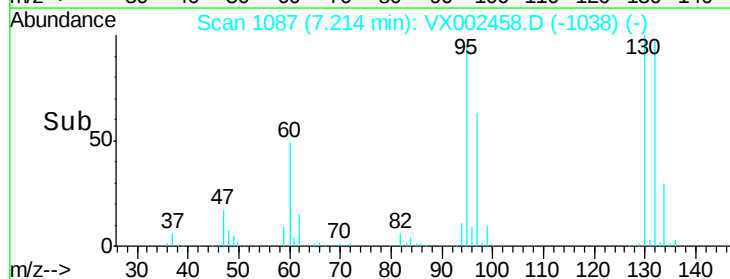
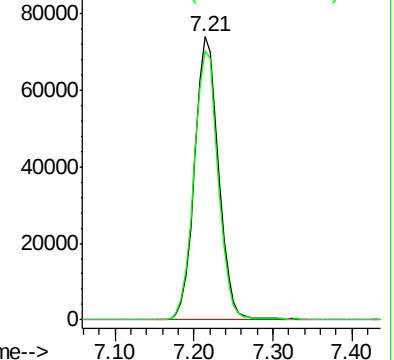
130 100

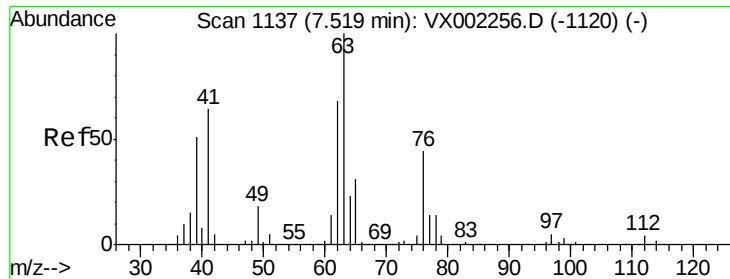
95 95.1 0.0 185.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

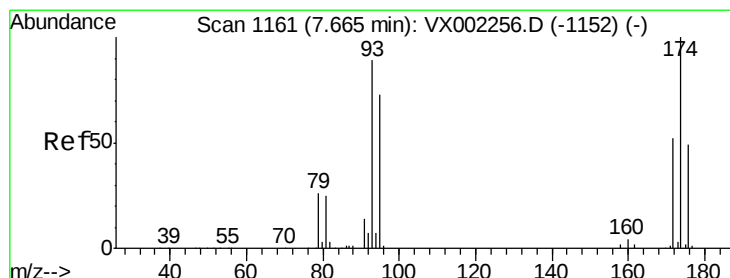
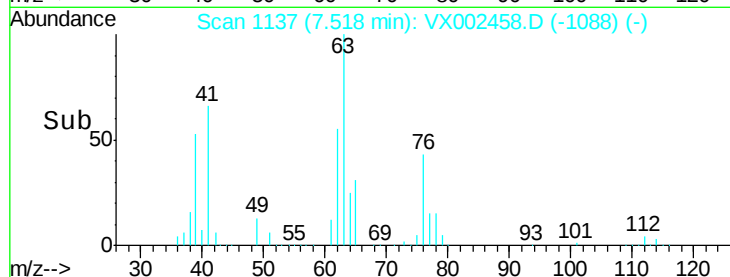
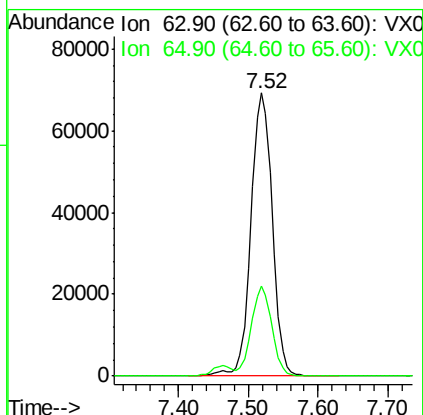
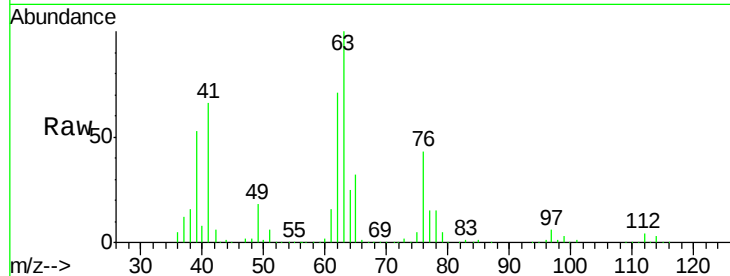




#45
 1,2-Dichloropropane
 Concen: 51.40 ug/l
 RT: 7.52 min Scan# 1137
 Delta R.T. -0.00 min
 Lab File: VX002458.D
 Acq: 12 Jun 2018 10:12

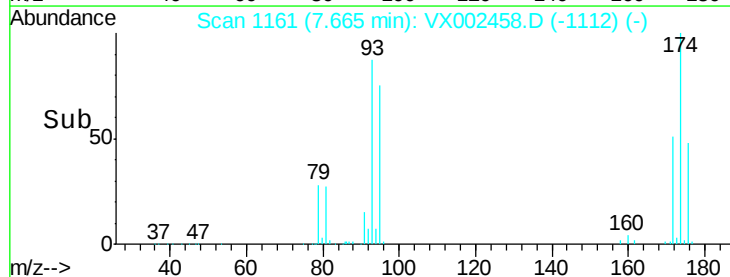
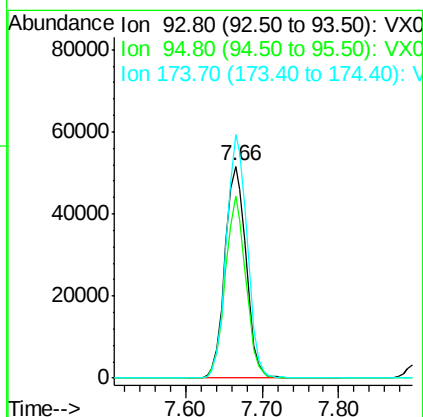
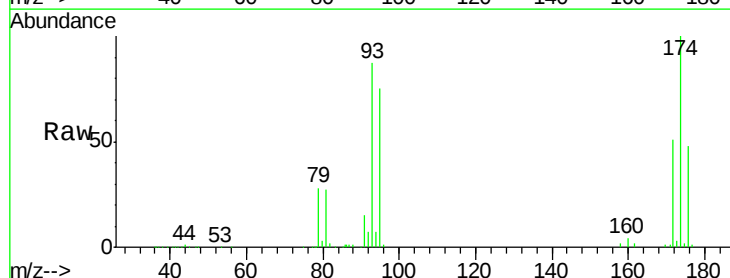
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 63 Resp: 146594
 Ion Ratio Lower Upper
 63 100
 65 31.8 24.7 37.1



#46
 Dibromomethane
 Concen: 50.96 ug/l
 RT: 7.66 min Scan# 1161
 Delta R.T. -0.00 min
 Lab File: VX002458.D
 Acq: 12 Jun 2018 10:12

Tgt Ion: 93 Resp: 98527
 Ion Ratio Lower Upper
 93 100
 95 83.5 65.9 98.9
 174 113.2 92.4 138.6





#47

Bromodichloromethane

Concen: 54.35 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.00 min

Lab File: VX002458.D

Acq: 12 Jun 2018 10:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

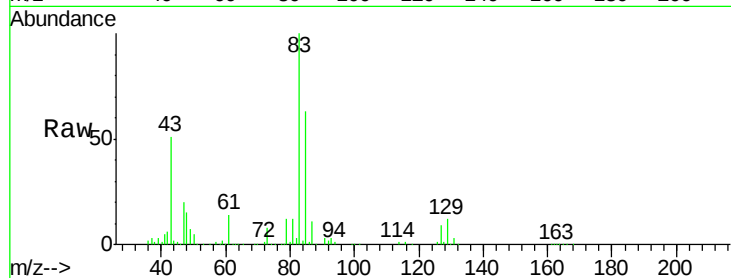
Tgt Ion: 83 Resp: 190067

Ion Ratio Lower Upper

83 100

85 63.1 50.3 75.5

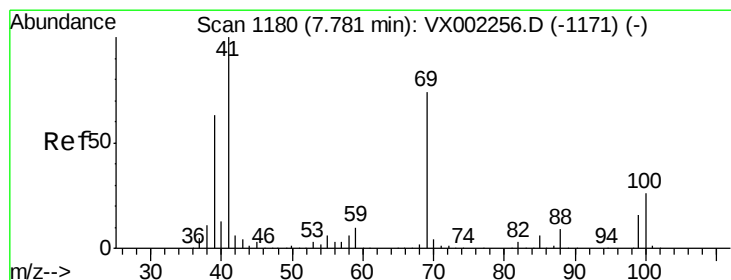
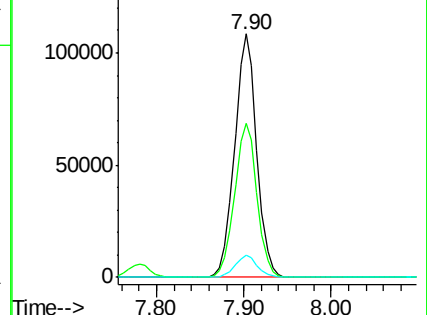
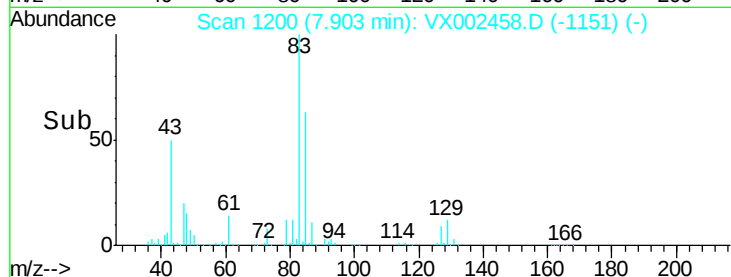
127 9.2 7.0 10.4



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: 49.20 ug/l

RT: 7.78 min Scan# 1180

Delta R.T. -0.00 min

Lab File: VX002458.D

Acq: 12 Jun 2018 10:12

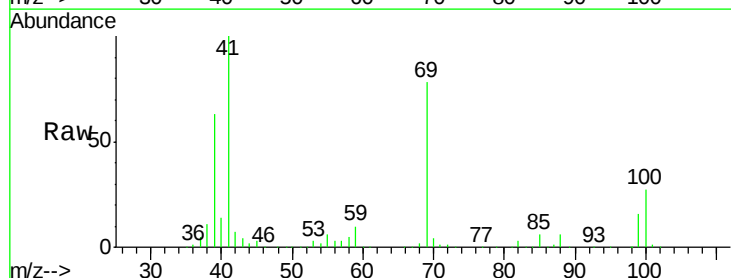
Tgt Ion: 41 Resp: 173955

Ion Ratio Lower Upper

41 100

69 75.2 59.1 88.7

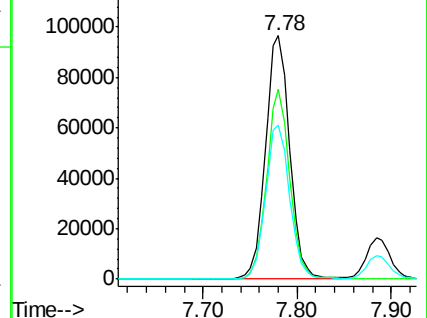
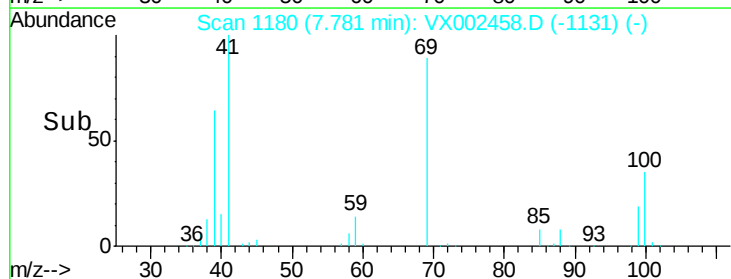
39 63.1 48.9 73.3

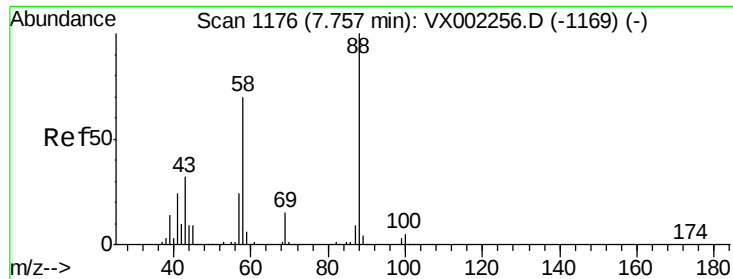


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

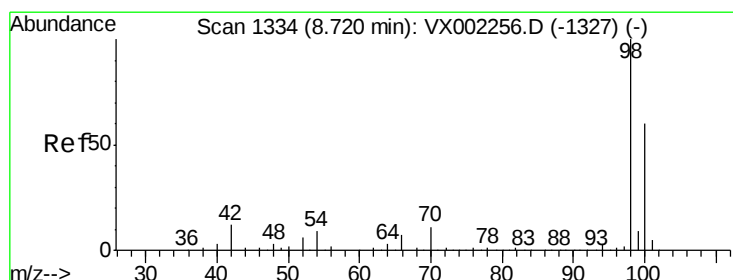
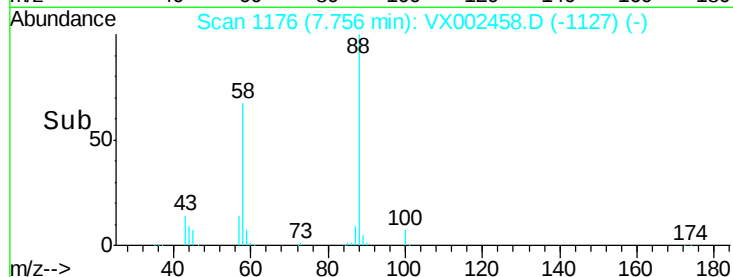
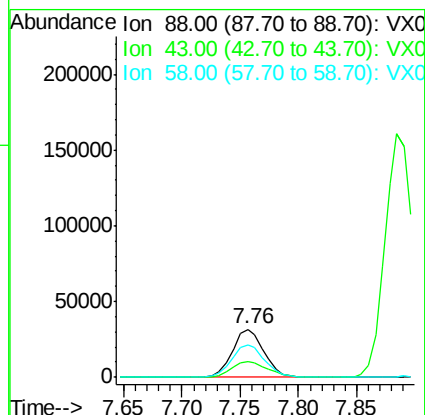
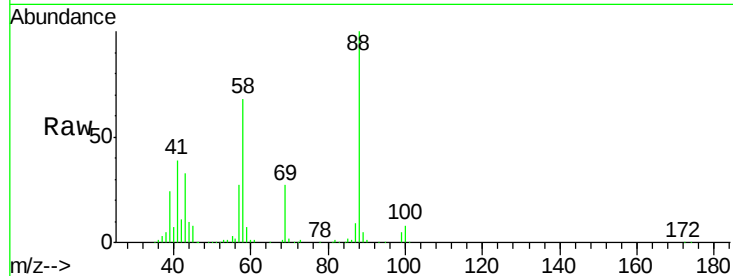




#49
1,4-Dioxane
Concen: 904.21 ug/l
RT: 7.76 min Scan# 1176
Delta R.T. -0.00 min
Lab File: VX002458.D
Acq: 12 Jun 2018 10:12

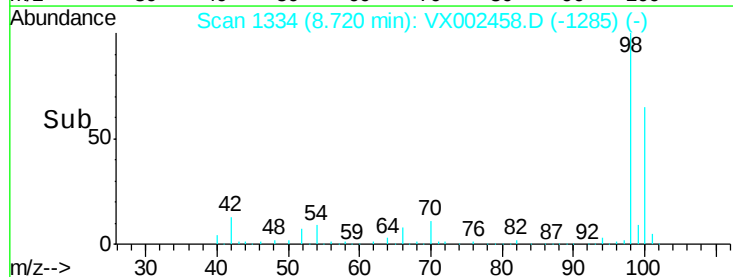
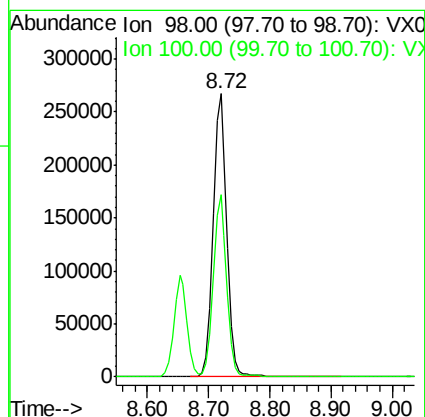
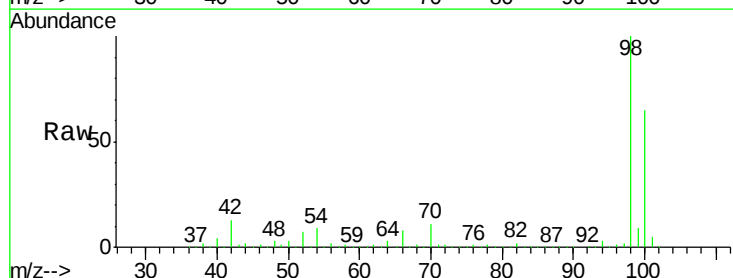
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 88 Resp: 59772
Ion Ratio Lower Upper
88 100
43 37.8 29.8 44.6
58 71.2 57.1 85.7



#50
Toluene-d8
Concen: 43.24 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX002458.D
Acq: 12 Jun 2018 10:12

Tgt Ion: 98 Resp: 427156
Ion Ratio Lower Upper
98 100
100 63.3 50.9 76.3





#51

4-Methyl-2-Pentanone

Concen: 247.65 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. -0.00 min

Lab File: VX002458.D

Acq: 12 Jun 2018 10:12

Instrument :

MSVOA_X

ClientSampleId :

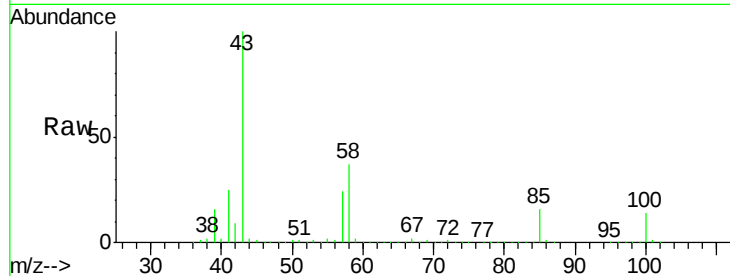
VSTDCCC050

Tgt Ion: 43 Resp: 1085467

Ion Ratio Lower Upper

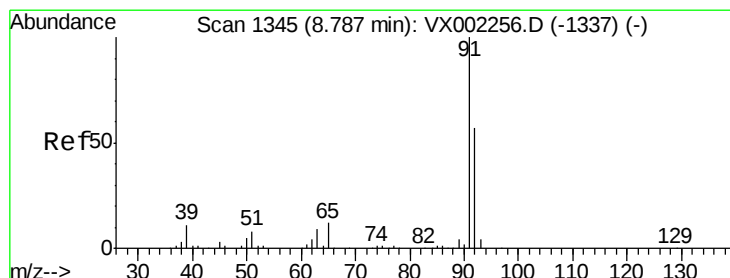
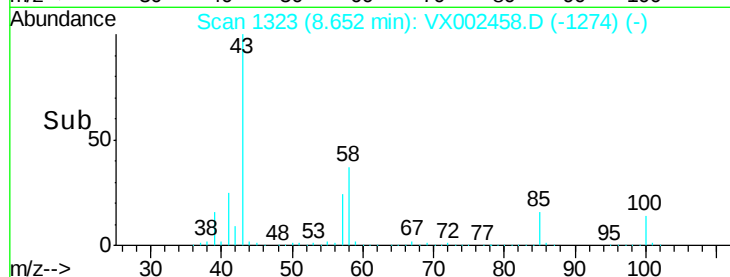
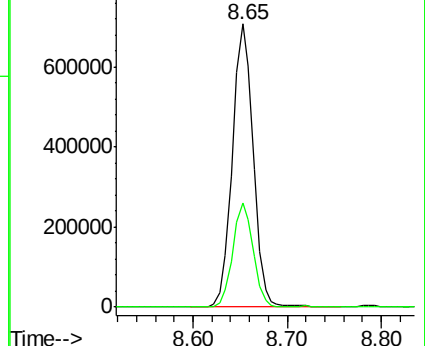
43 100

58 35.9 28.6 42.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 54.53 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.00 min

Lab File: VX002458.D

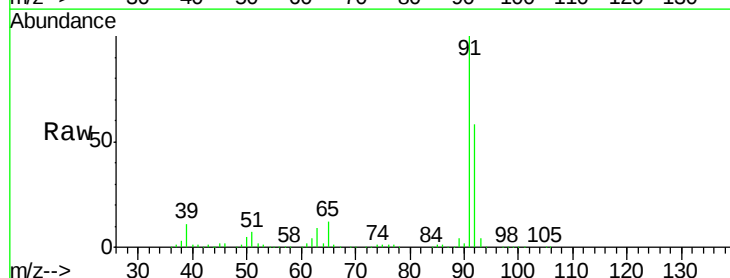
Acq: 12 Jun 2018 10:12

Tgt Ion: 92 Resp: 366439

Ion Ratio Lower Upper

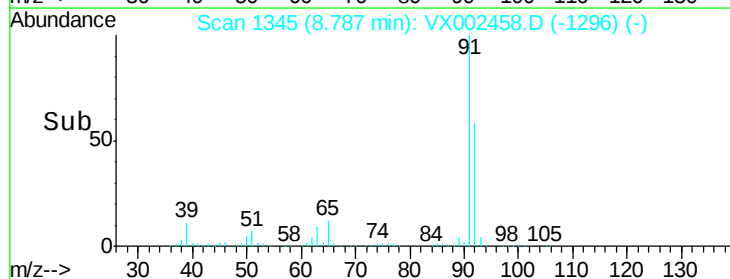
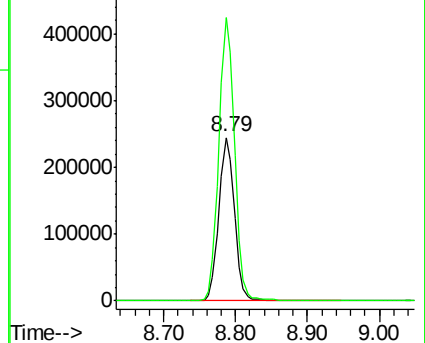
92 100

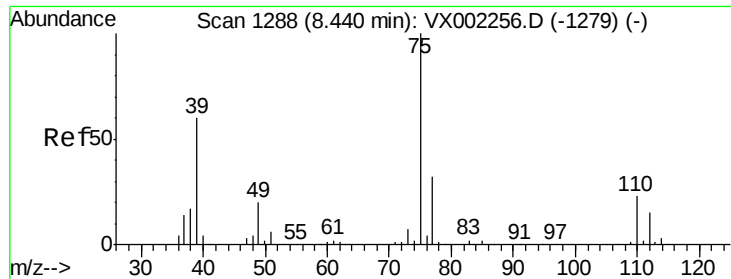
91 174.6 140.4 210.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

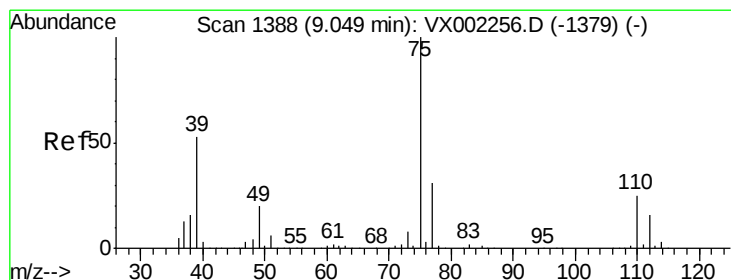
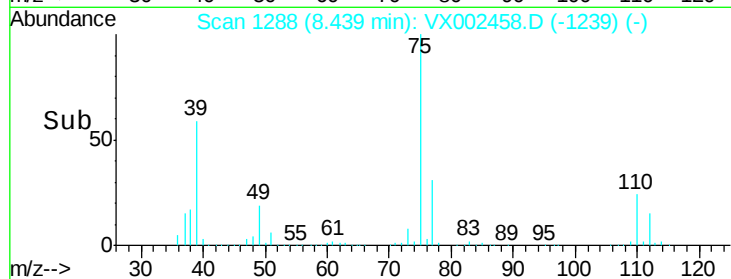
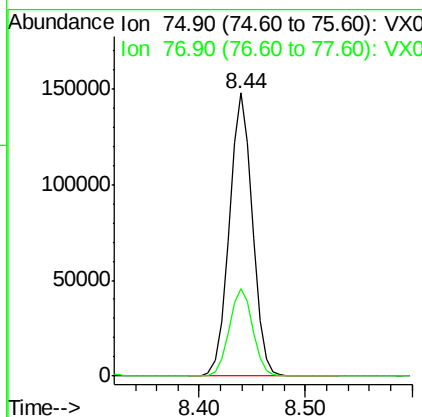
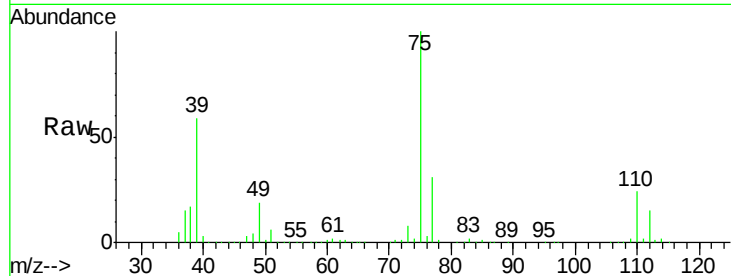




#53
t-1,3-Dichloropropene
Concen: 53.73 ug/l
RT: 8.44 min Scan# 1288
Delta R.T. -0.00 min
Lab File: VX002458.D
Acq: 12 Jun 2018 10:12

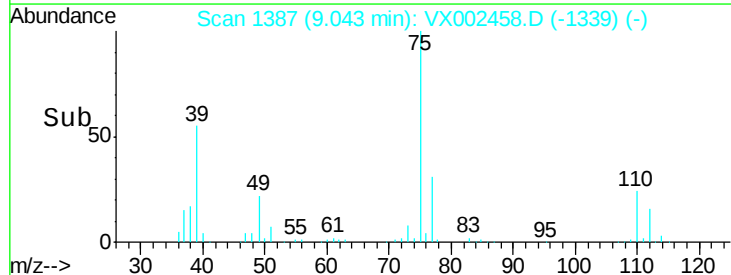
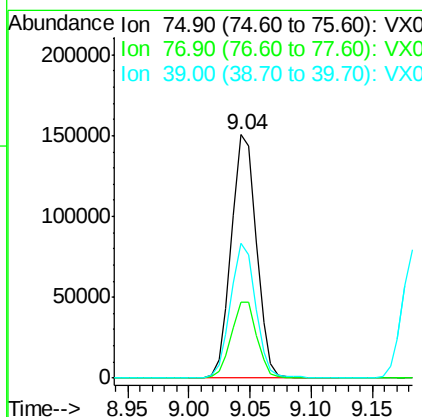
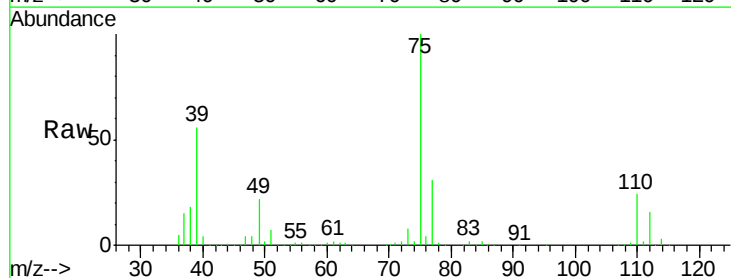
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 225337
Ion Ratio Lower Upper
75 100
77 30.8 25.4 38.2



#54
cis-1,3-Dichloropropene
Concen: 53.96 ug/l
RT: 9.04 min Scan# 1387
Delta R.T. -0.01 min
Lab File: VX002458.D
Acq: 12 Jun 2018 10:12

Tgt Ion: 75 Resp: 213471
Ion Ratio Lower Upper
75 100
77 31.4 24.8 37.2
39 55.5 42.4 63.6

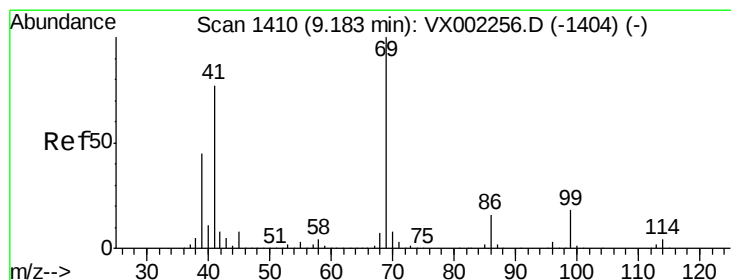
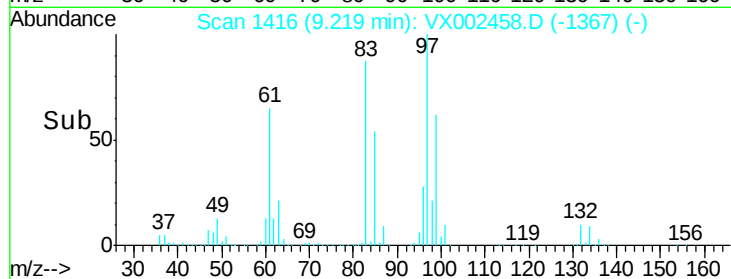
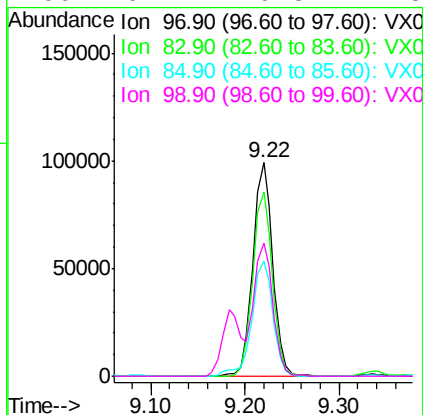
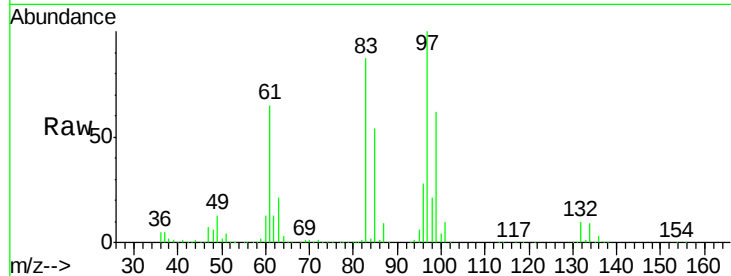




#55
 1,1,2-Trichloroethane
 Concen: 53.35 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: VX002458.D
 Acq: 12 Jun 2018 10:12

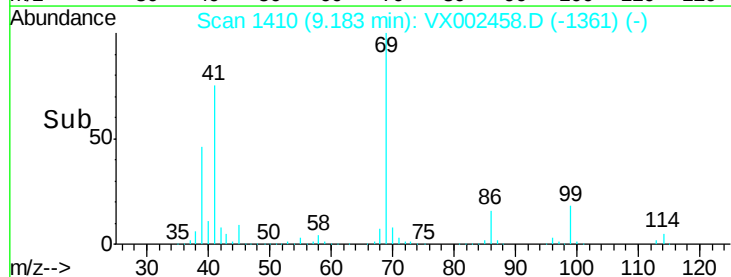
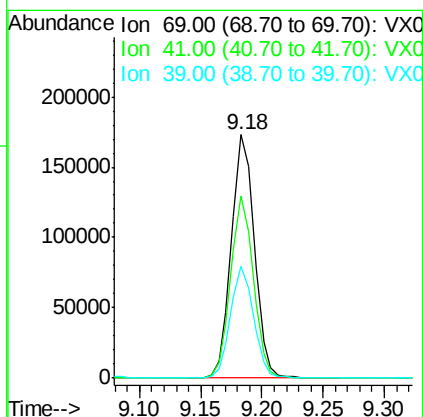
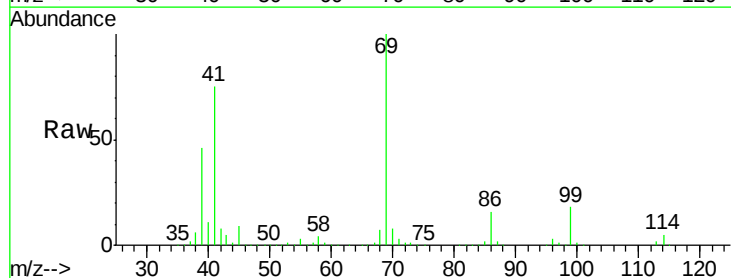
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion:	97	Resp:	147445
Ion	Ratio	Lower	Upper
97	100		
83	86.6	70.2	105.2
85	54.1	44.9	67.3
99	62.1	49.8	74.8



#56
 Ethyl methacrylate
 Concen: 51.16 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. -0.00 min
 Lab File: VX002458.D
 Acq: 12 Jun 2018 10:12

Tgt Ion:	69	Resp:	225733
Ion	Ratio	Lower	Upper
69	100		
41	73.9	60.3	90.5
39	45.8	35.8	53.8





#57

1,3-Dichloropropane

Concen: 52.12 ug/l

RT: 9.37 min Scan# 1441

Delta R.T. -0.01 min

Lab File: VX002458.D

Acq: 12 Jun 2018 10:12

Instrument :

MSVOA_X

ClientSampleId :

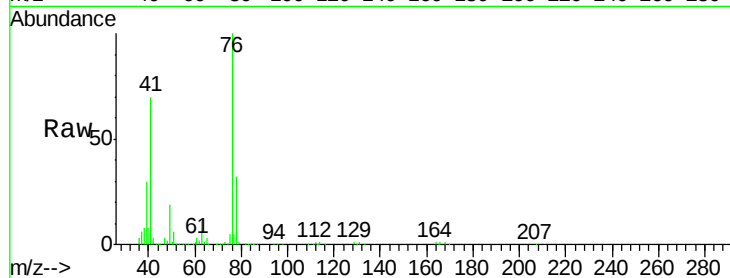
VSTDCCC050

Tgt Ion: 76 Resp: 241644

Ion Ratio Lower Upper

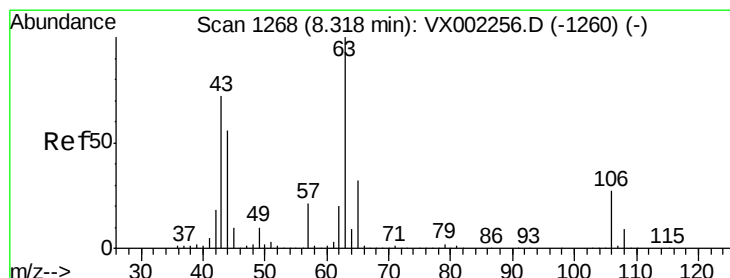
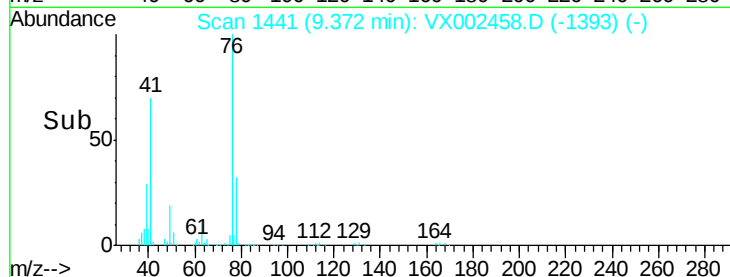
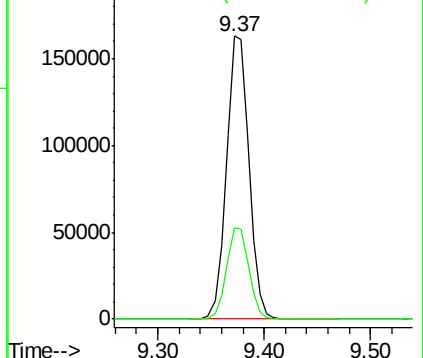
76 100

78 32.4 25.8 38.6



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: 260.04 ug/l

RT: 8.32 min Scan# 1268

Delta R.T. -0.00 min

Lab File: VX002458.D

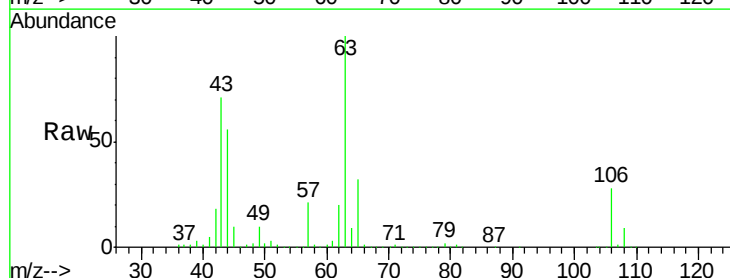
Acq: 12 Jun 2018 10:12

Tgt Ion: 63 Resp: 531057

Ion Ratio Lower Upper

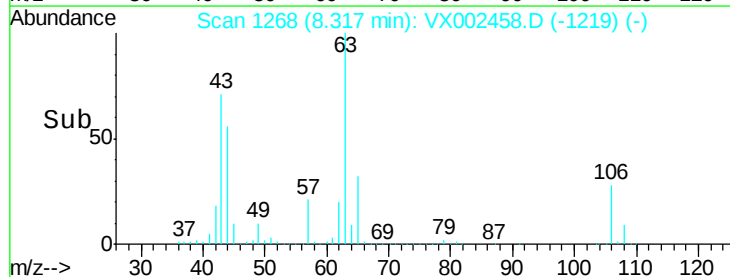
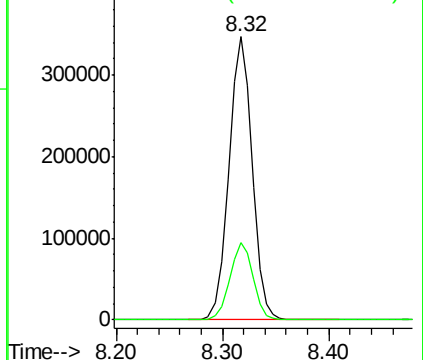
63 100

106 27.3 21.8 32.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

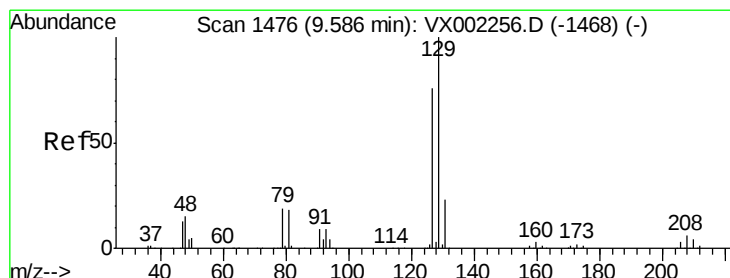
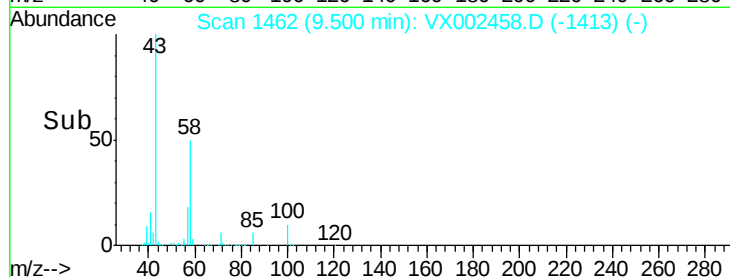
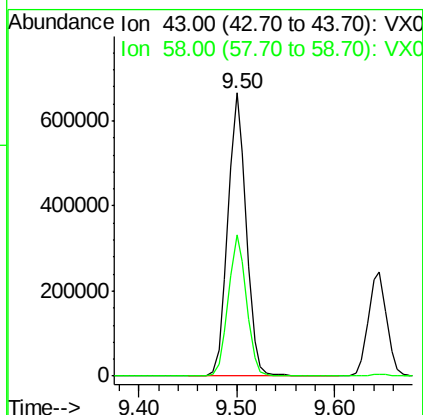
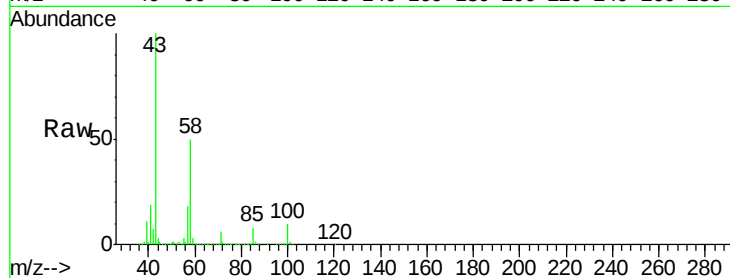




#59
2-Hexanone
Concen: 256.35 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. -0.00 min
Lab File: VX002458.D
Acq: 12 Jun 2018 10:12

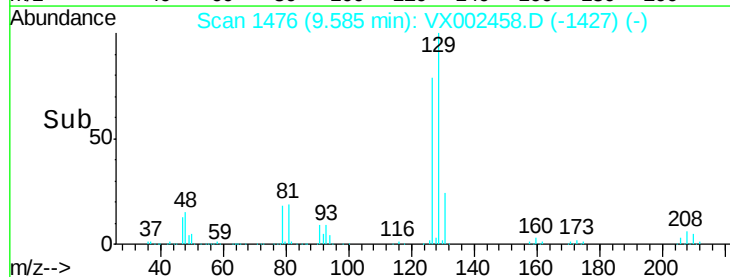
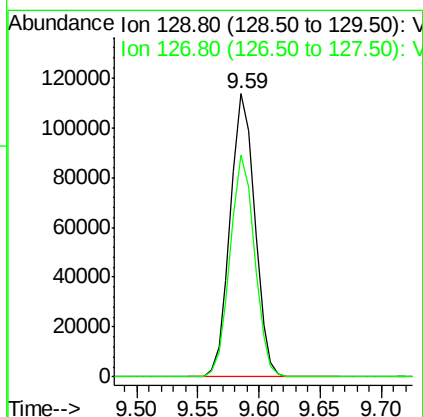
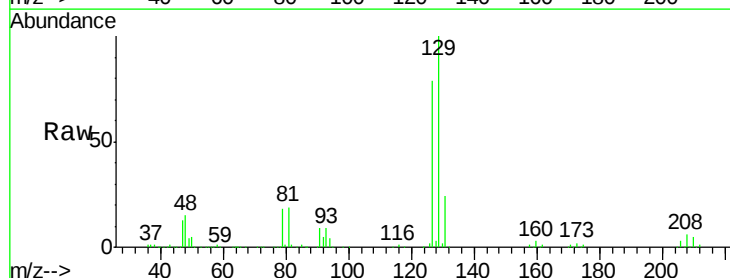
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 867875
Ion Ratio Lower Upper
43 100
58 49.6 24.6 73.6



#60
Dibromochloromethane
Concen: 57.06 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. -0.00 min
Lab File: VX002458.D
Acq: 12 Jun 2018 10:12

Tgt Ion: 129 Resp: 158616
Ion Ratio Lower Upper
129 100
127 77.5 38.5 115.3





#61

1,2-Dibromoethane

Concen: 52.90 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX002458.D

Acq: 12 Jun 2018 10:12

Instrument :

MSVOA_X

ClientSampleId :

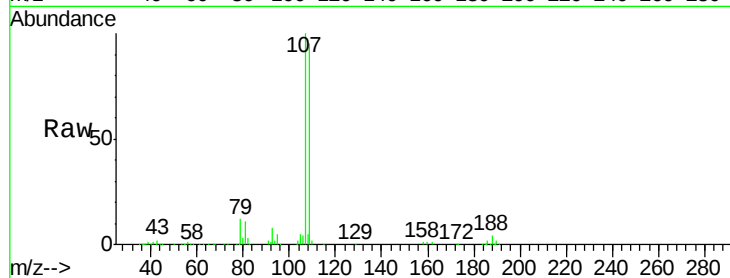
VSTDCCC050

Tgt Ion:107 Resp: 152449

Ion Ratio Lower Upper

107 100

109 95.4 75.3 112.9



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.68

120000

100000

80000

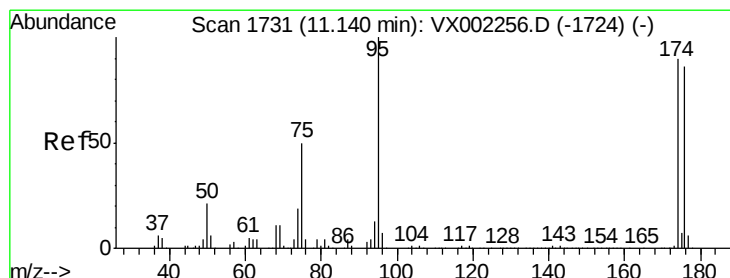
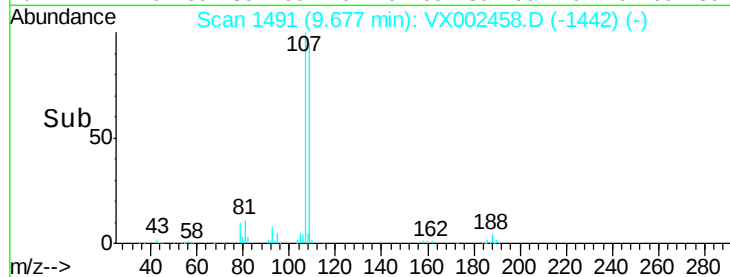
60000

40000

20000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 43.83 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX002458.D

Acq: 12 Jun 2018 10:12

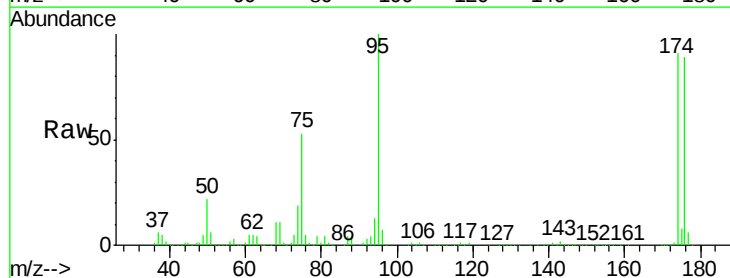
Tgt Ion: 95 Resp: 166994

Ion Ratio Lower Upper

95 100

174 95.0 0.0 187.4

176 92.7 0.0 181.0



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

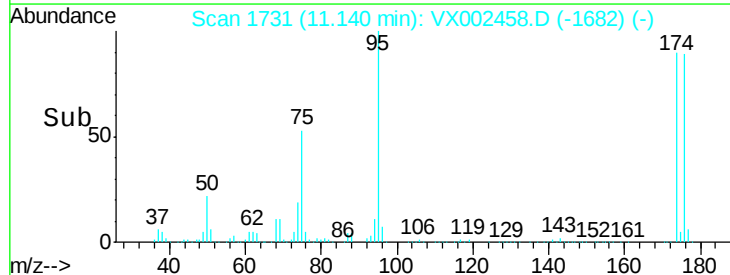
150000

100000

50000

0

Time-->

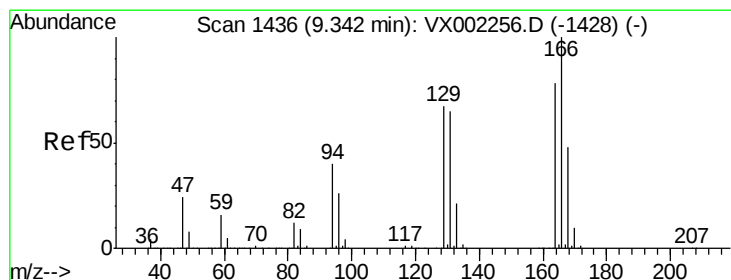
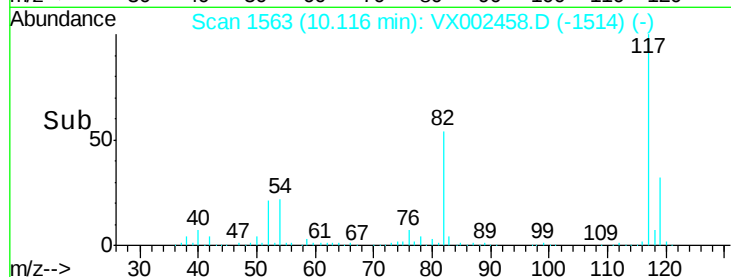
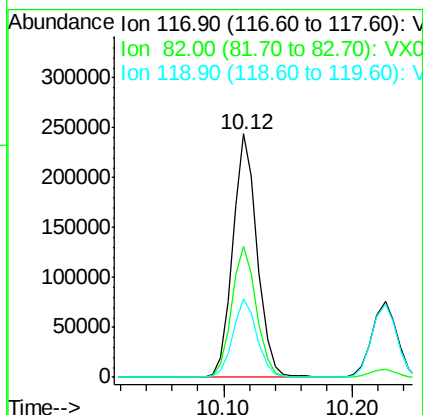
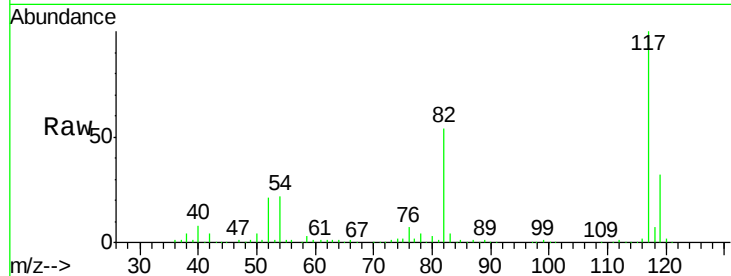




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX002458.D
Acq: 12 Jun 2018 10:12

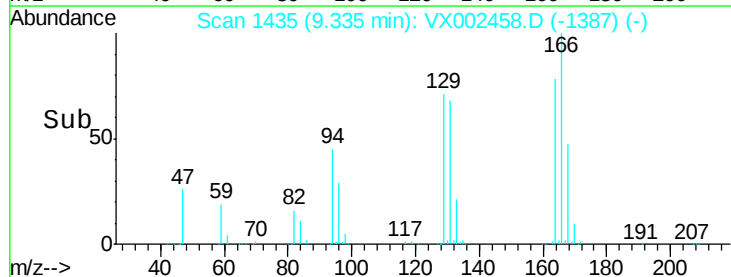
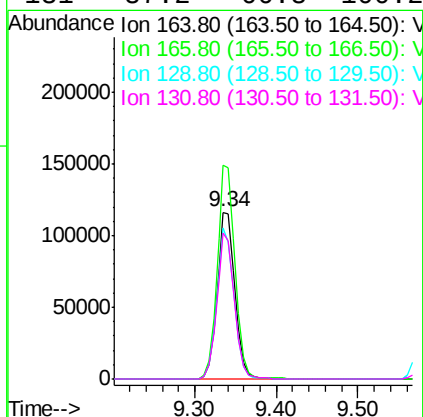
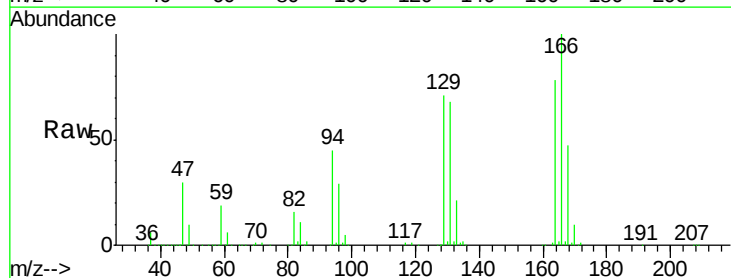
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:117 Resp: 322482
Ion Ratio Lower Upper
117 100
82 53.7 45.0 67.4
119 32.1 25.8 38.6



#64
Tetrachloroethene
Concen: 53.40 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. -0.01 min
Lab File: VX002458.D
Acq: 12 Jun 2018 10:12

Tgt Ion:164 Resp: 177606
Ion Ratio Lower Upper
164 100
166 127.9 102.9 154.3
129 90.5 68.6 102.8
131 87.2 66.8 100.2

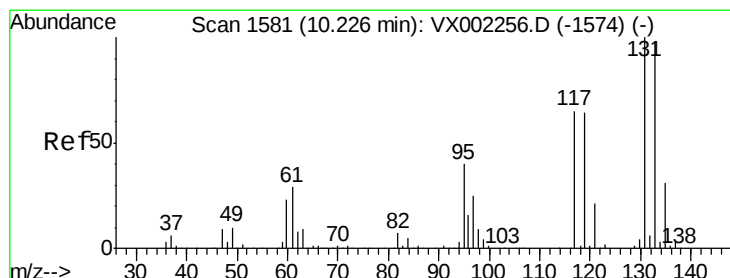
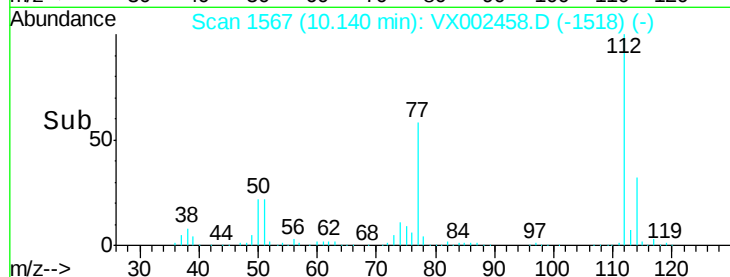
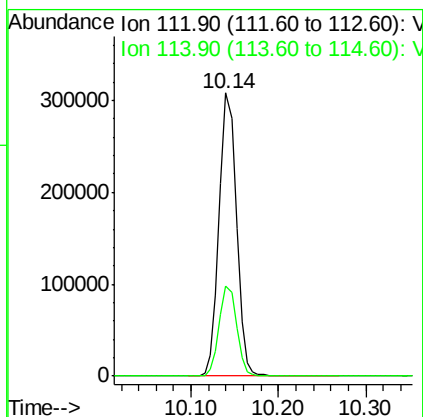
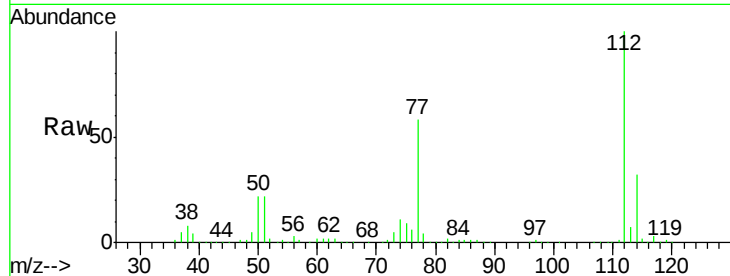




#65
Chlorobenzene
Concen: 53.05 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VX002458.D
Acq: 12 Jun 2018 10:12

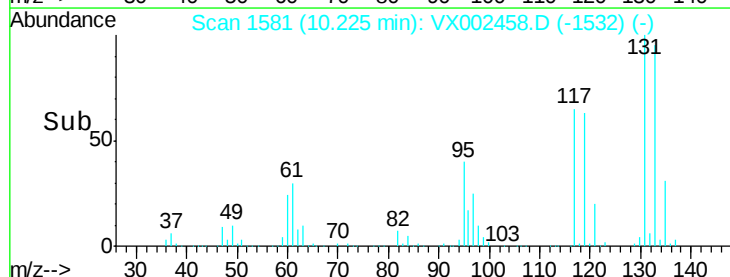
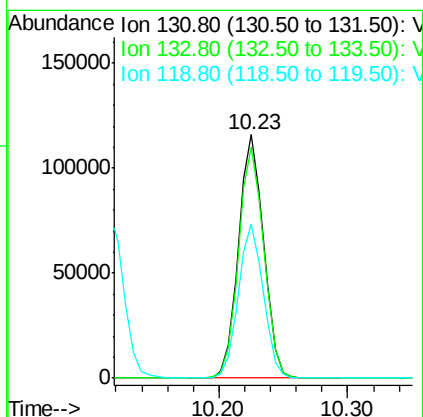
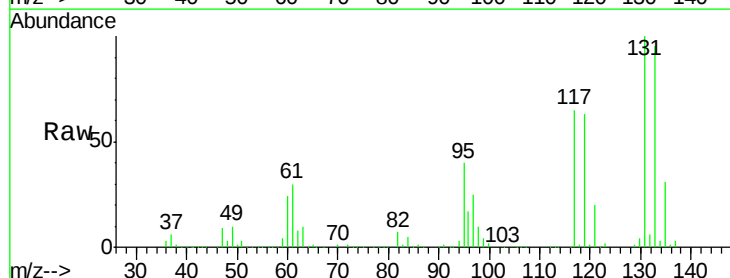
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

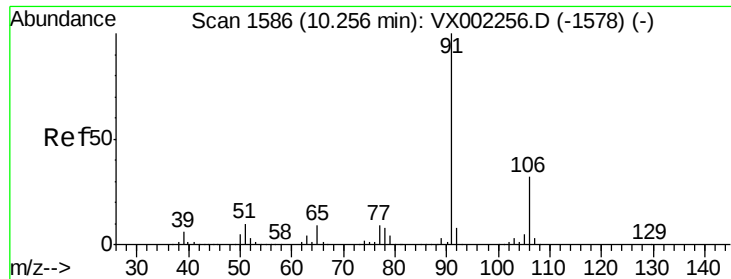
Tgt Ion:112 Resp: 425713
Ion Ratio Lower Upper
112 100
114 31.9 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 53.68 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. -0.00 min
Lab File: VX002458.D
Acq: 12 Jun 2018 10:12

Tgt Ion:131 Resp: 155962
Ion Ratio Lower Upper
131 100
133 95.8 47.9 143.6
119 63.0 31.8 95.3

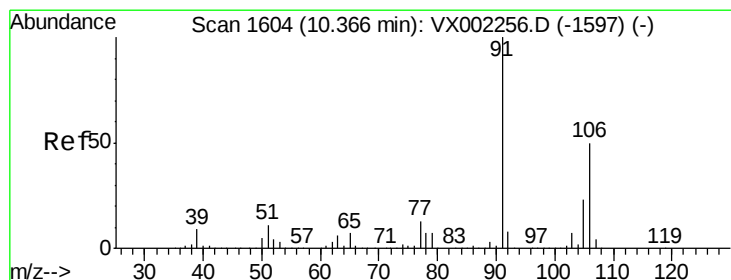
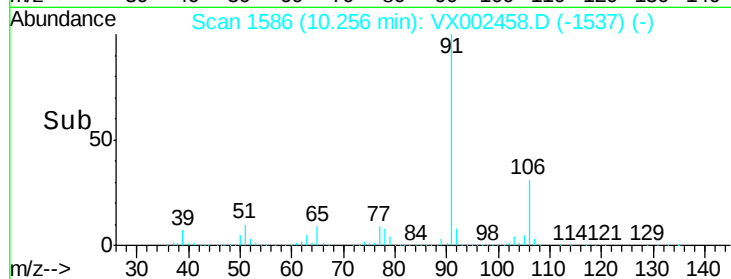
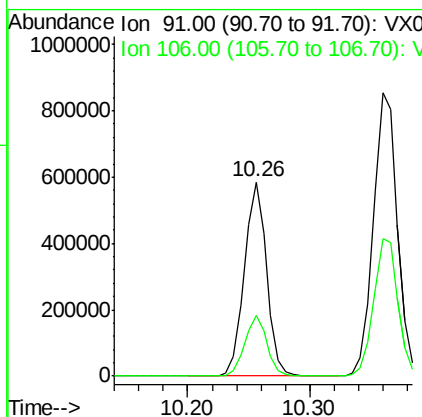
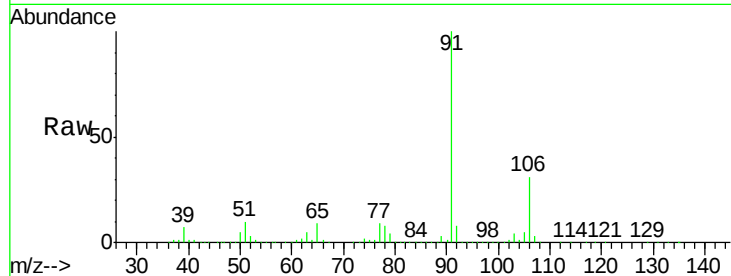




#67
Ethyl Benzene
Concen: 54.95 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.00 min
Lab File: VX002458.D
Acq: 12 Jun 2018 10:12

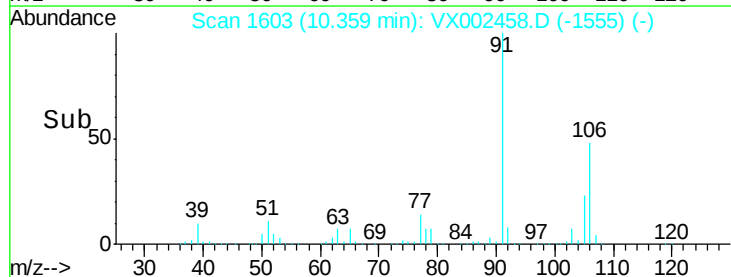
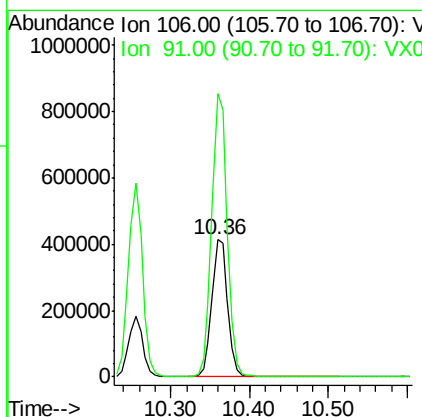
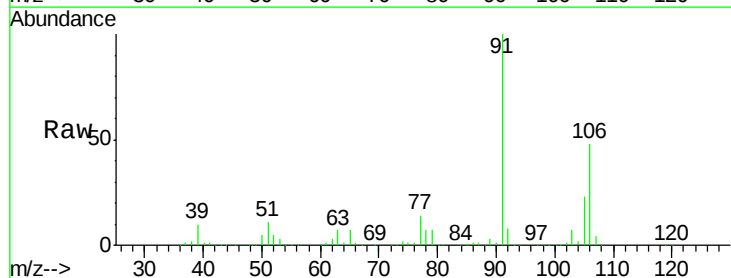
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

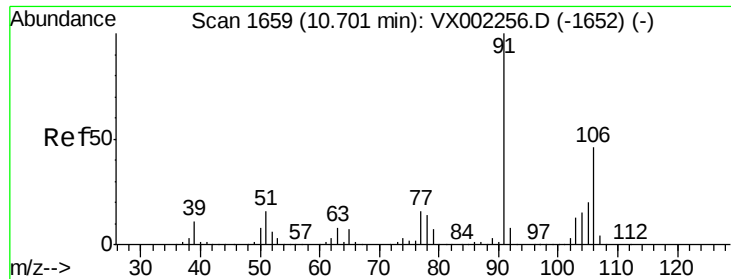
Tgt Ion: 91 Resp: 737875
Ion Ratio Lower Upper
91 100
106 31.4 25.5 38.3



#68
m/p-Xylenes
Concen: 110.35 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. -0.01 min
Lab File: VX002458.D
Acq: 12 Jun 2018 10:12

Tgt Ion: 106 Resp: 576033
Ion Ratio Lower Upper
106 100
91 203.4 163.4 245.2

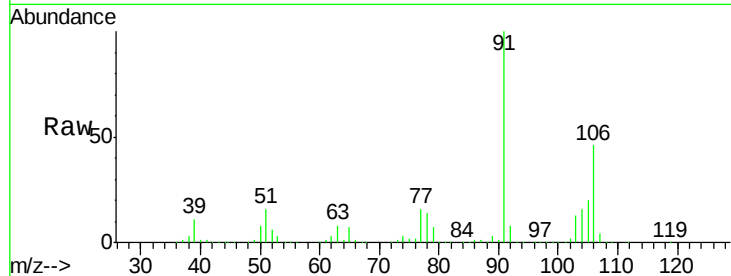




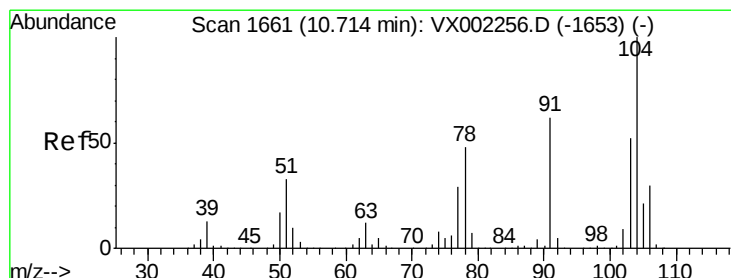
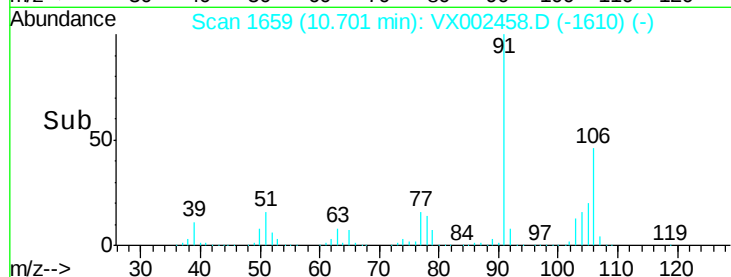
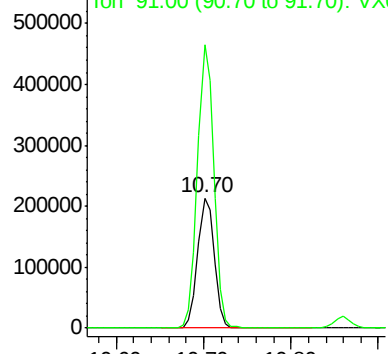
#69
o-Xylene
Concen: 54.02 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX002458.D
Acq: 12 Jun 2018 10:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 280648
Ion Ratio Lower Upper
106 100
91 214.9 108.2 324.6

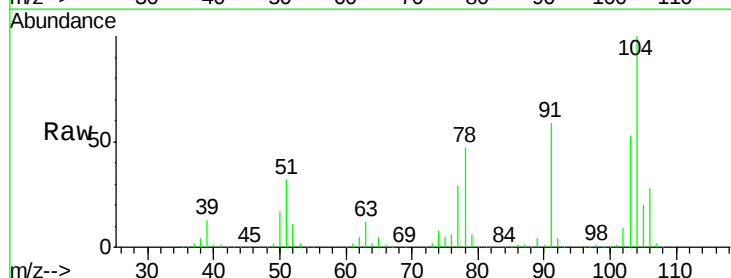


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

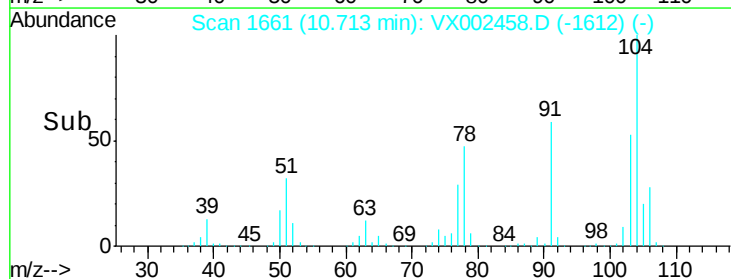
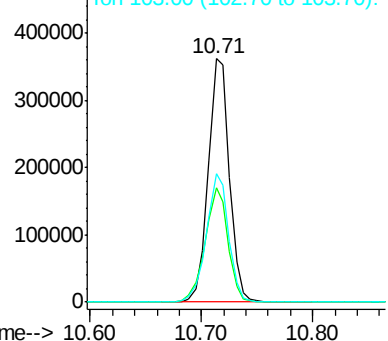


#70
Styrene
Concen: 55.87 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX002458.D
Acq: 12 Jun 2018 10:12

Tgt Ion:104 Resp: 474478
Ion Ratio Lower Upper
104 100
78 50.7 41.0 61.6
103 55.5 44.2 66.4



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: 47.75 ug/l

RT: 10.86 min Scan# 1685

Delta R.T. 0.00 min

Lab File: VX002458.D

Acq: 12 Jun 2018 10:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

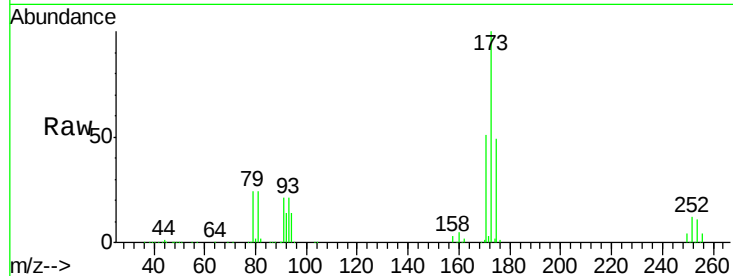
Tgt Ion:173 Resp: 123814

Ion Ratio Lower Upper

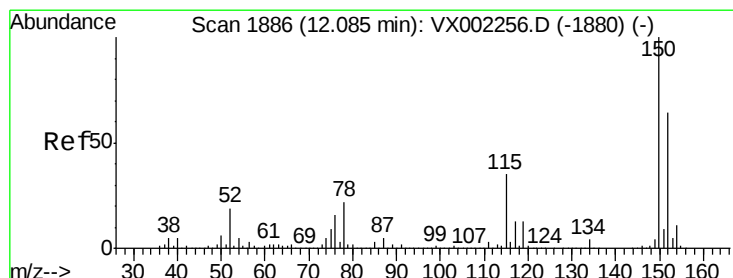
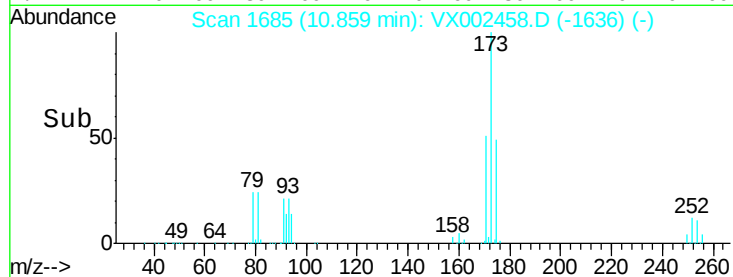
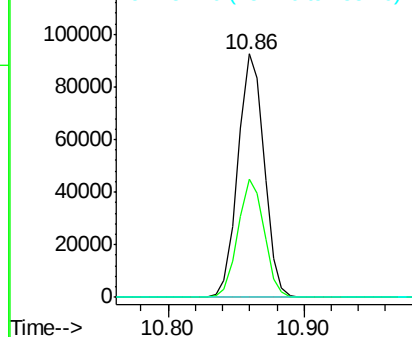
173 100

175 48.6 24.7 74.1

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: 50.00 ug/l

RT: 12.08 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX002458.D

Acq: 12 Jun 2018 10:12

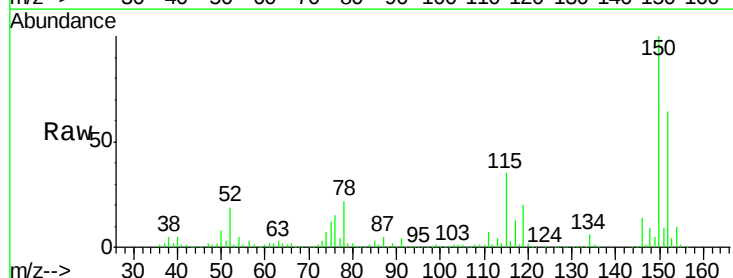
Tgt Ion:152 Resp: 220997

Ion Ratio Lower Upper

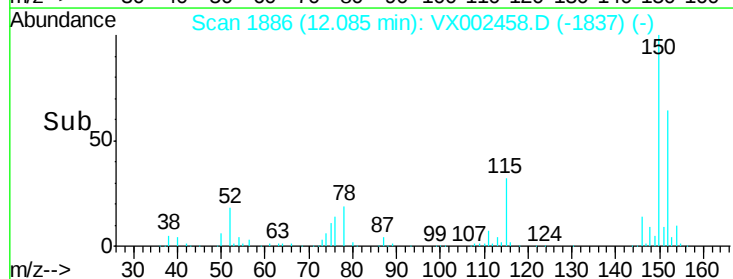
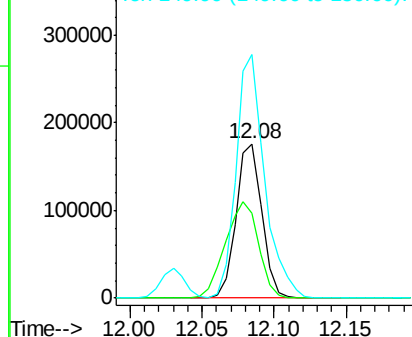
152 100

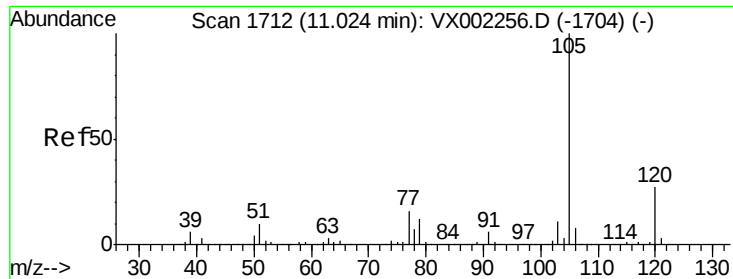
115 80.9 40.1 120.2

150 173.9 0.0 347.2



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: 50.87 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX002458.D

Acq: 12 Jun 2018 10:12

Instrument :

MSVOA_X

ClientSampleId :

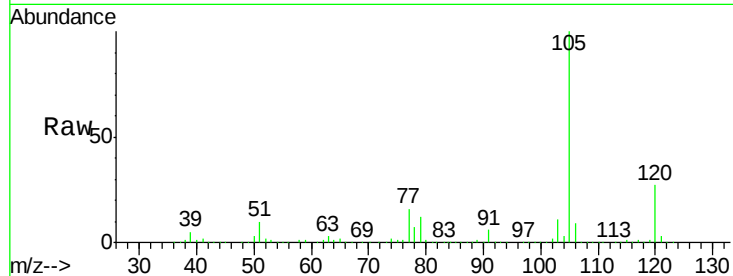
VSTDCCC050

Tgt Ion: 105 Resp: 782060

Ion Ratio Lower Upper

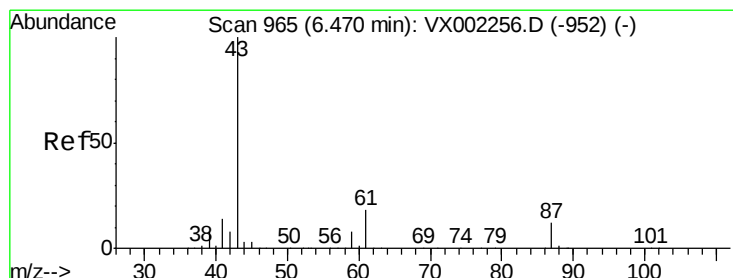
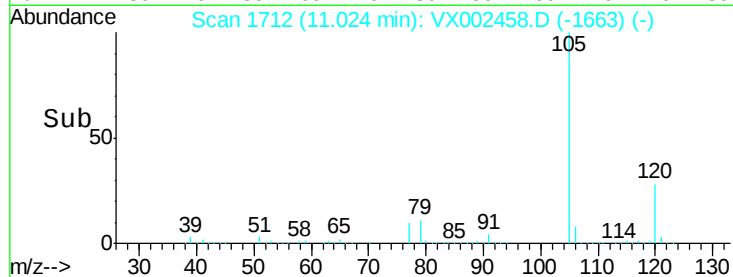
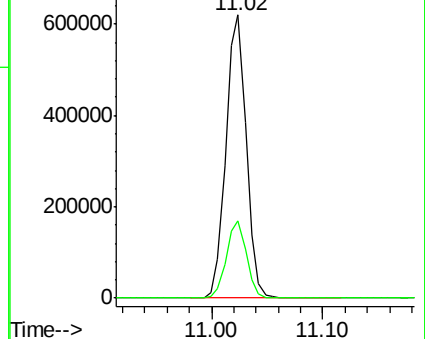
105 100

120 26.9 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 41.30 ug/l

RT: 6.46 min Scan# 964

Delta R.T. -0.01 min

Lab File: VX002458.D

Acq: 12 Jun 2018 10:12

Tgt Ion: 43 Resp: 342112

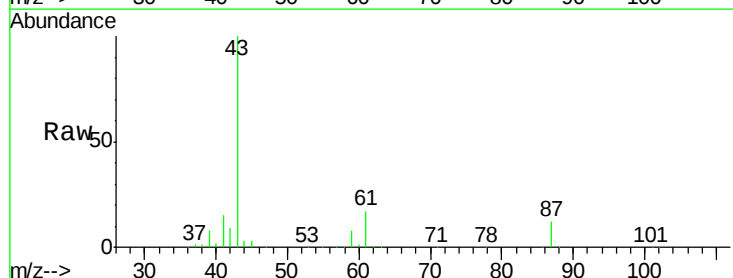
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.1 0.0 0.0#

61 17.6 14.4 21.6

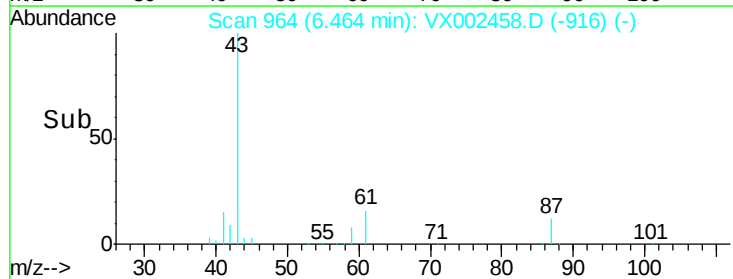
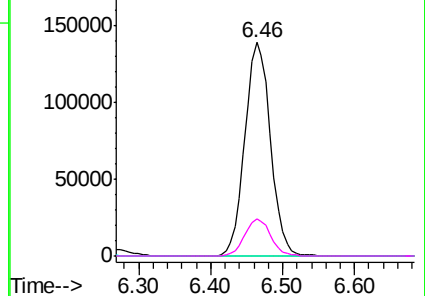


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 45.64 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX002458.D

Acq: 12 Jun 2018 10:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

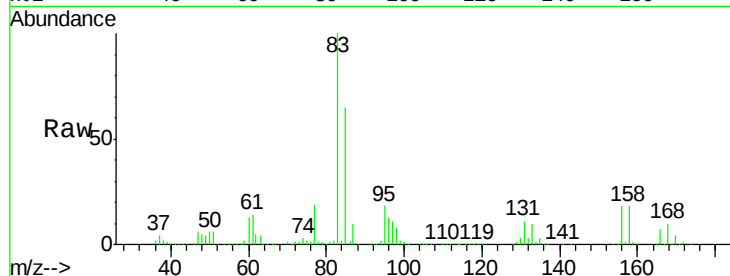
Tgt Ion: 83 Resp: 220671

Ion Ratio Lower Upper

83 100

131 10.8 5.6 16.8

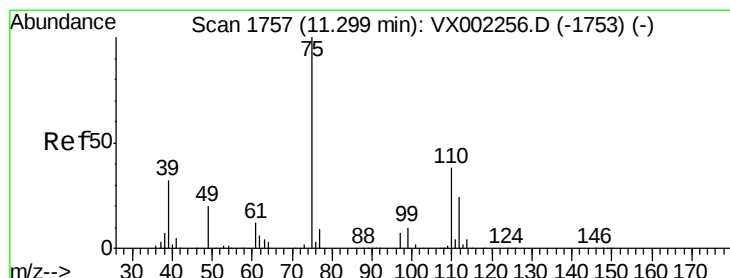
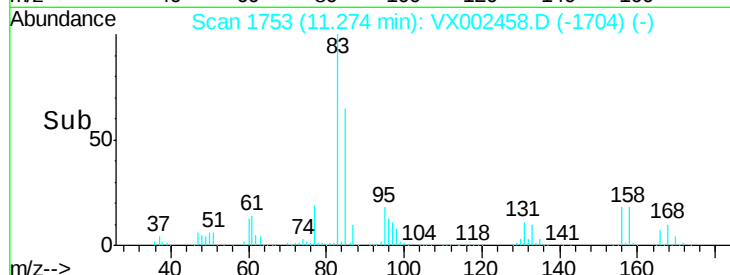
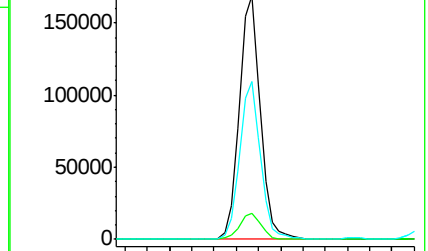
85 64.4 32.4 97.2



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: 53.04 ug/l

RT: 11.30 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VX002458.D

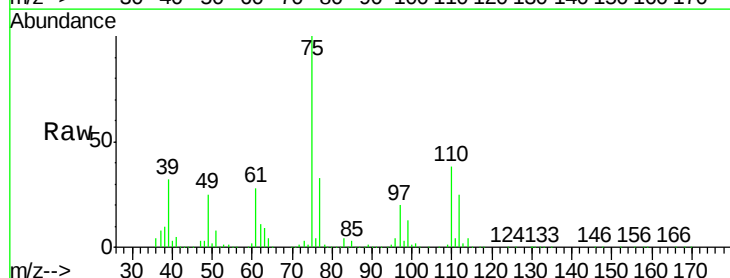
Acq: 12 Jun 2018 10:12

Tgt Ion: 75 Resp: 257200

Ion Ratio Lower Upper

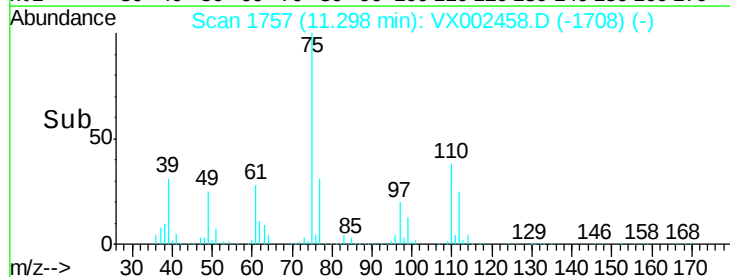
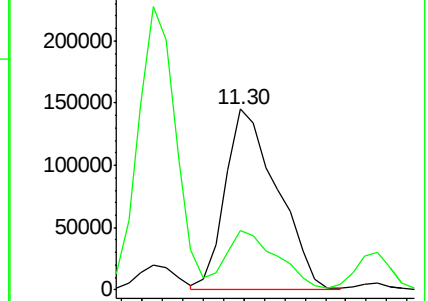
75 100

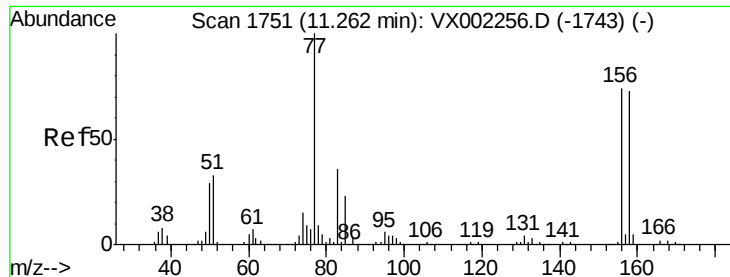
77 32.4 22.8 68.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 48.25 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.00 min

Lab File: VX002458.D

Acq: 12 Jun 2018 10:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

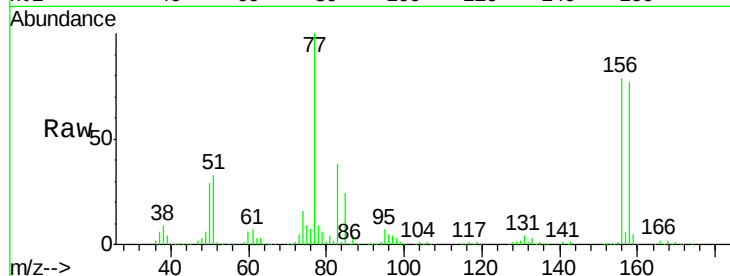
Tgt Ion:156 Resp: 208256

Ion Ratio Lower Upper

156 100

77 139.0 71.4 214.2

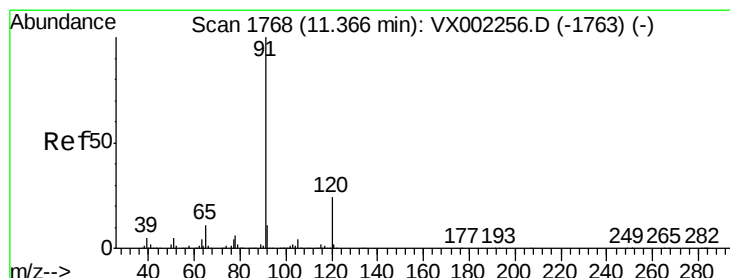
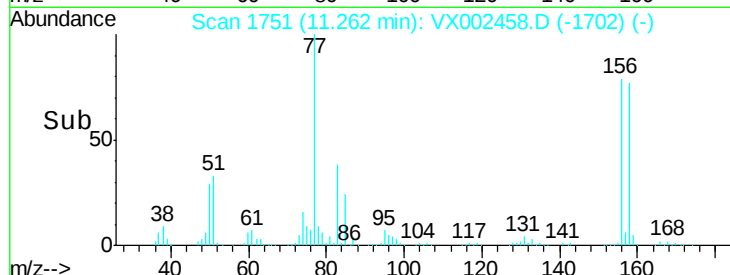
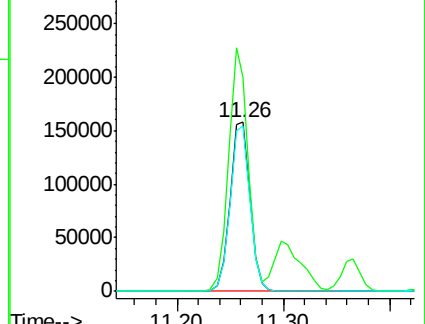
158 97.1 48.9 146.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 53.28 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX002458.D

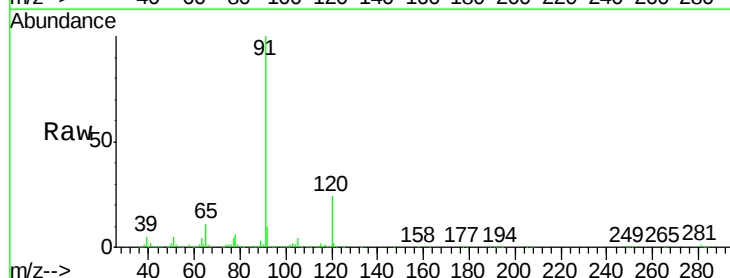
Acq: 12 Jun 2018 10:12

Tgt Ion: 91 Resp: 910486

Ion Ratio Lower Upper

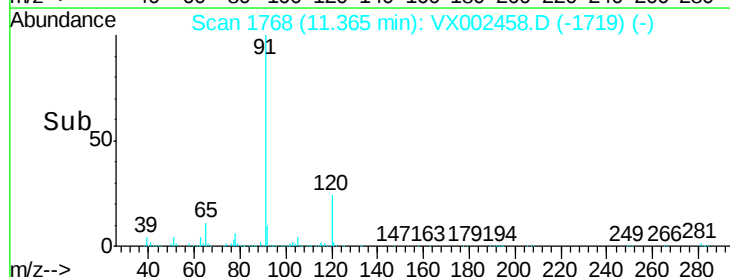
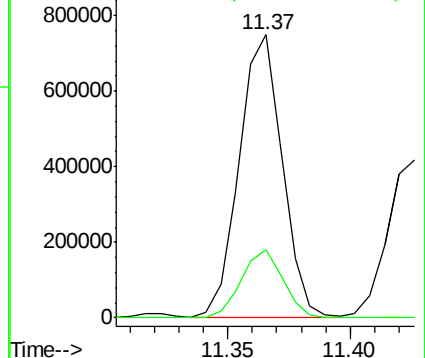
91 100

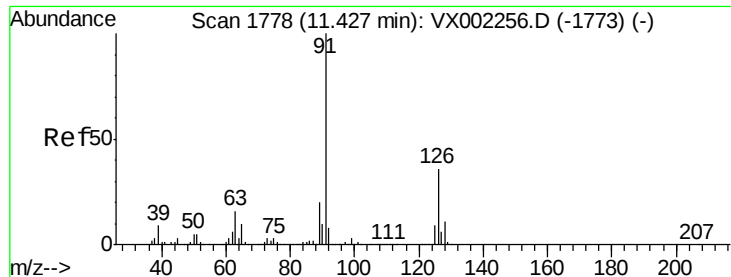
120 23.7 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 48.80 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX002458.D

Acq: 12 Jun 2018 10:12

Instrument :

MSVOA_X

ClientSampleId :

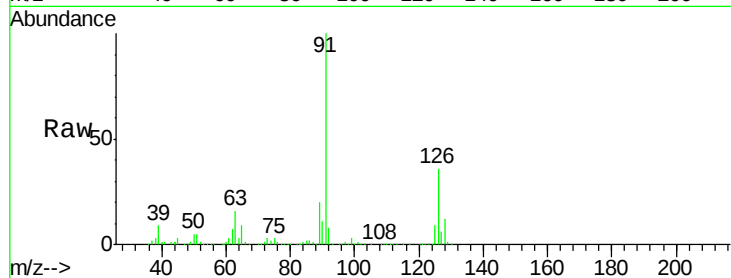
VSTDCCC050

Tgt Ion: 91 Resp: 526529

Ion Ratio Lower Upper

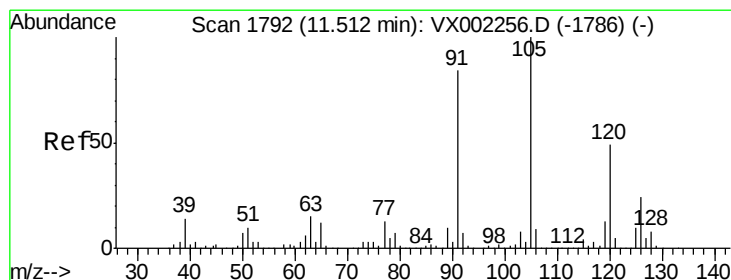
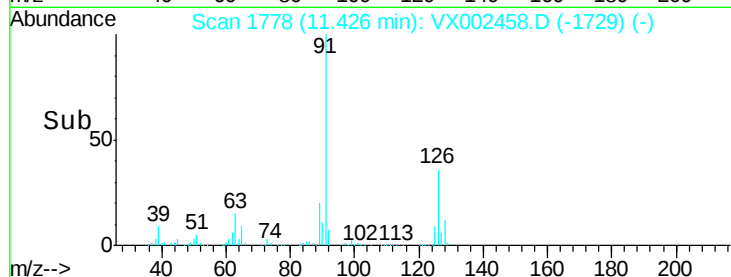
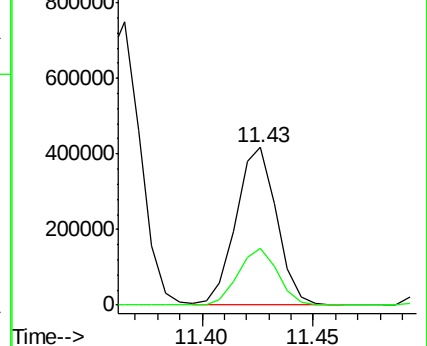
91 100

126 35.8 17.7 53.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 51.16 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX002458.D

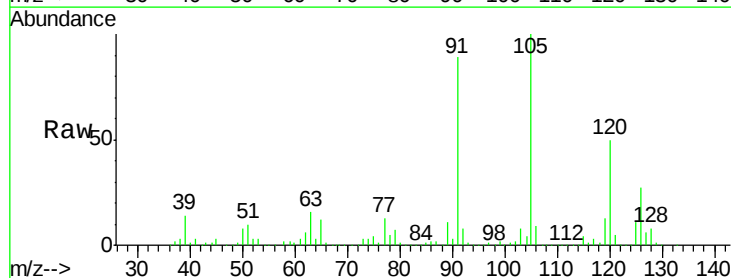
Acq: 12 Jun 2018 10:12

Tgt Ion: 105 Resp: 674598

Ion Ratio Lower Upper

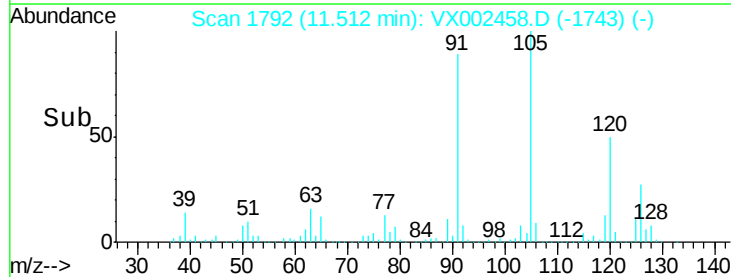
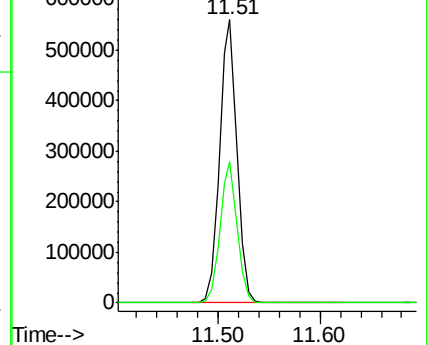
105 100

120 48.9 24.4 73.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

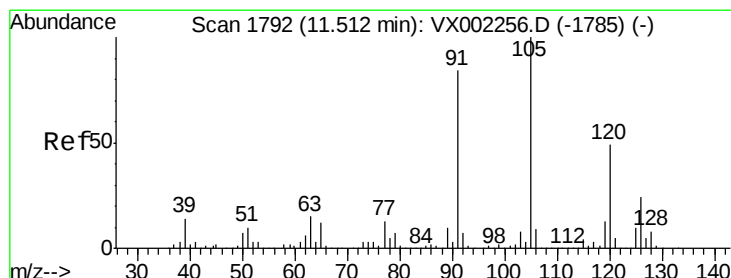
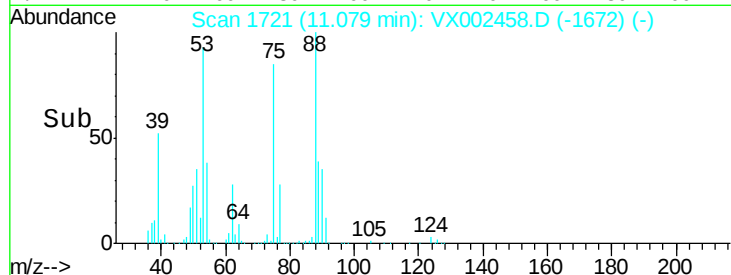
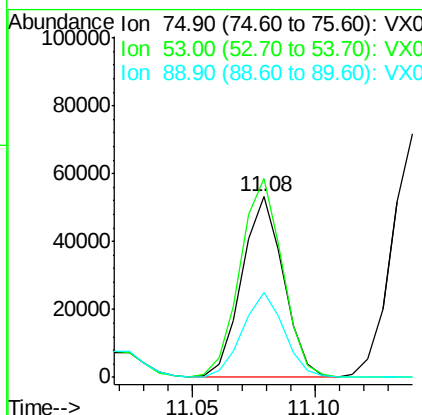
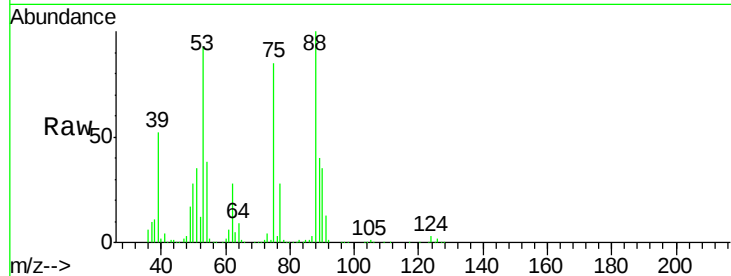




#81
trans-1,4-Dichloro-2-butene
Concen: 45.34 ug/l
RT: 11.08 min Scan# 1721
Delta R.T. -0.00 min
Lab File: VX002458.D
Acq: 12 Jun 2018 10:12

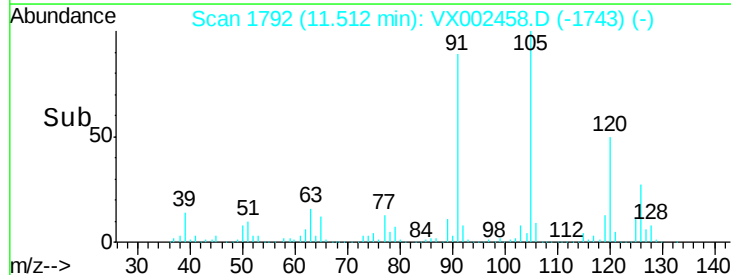
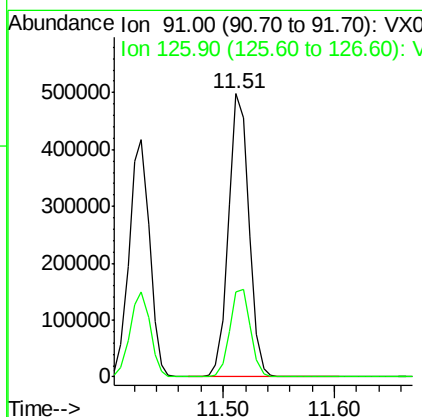
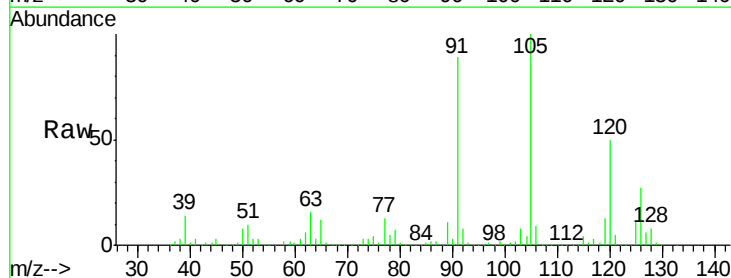
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 62726
Ion Ratio Lower Upper
75 100
53 112.4 86.8 130.2
89 47.2 38.2 57.2



#82
4-Chlorotoluene
Concen: 50.65 ug/l
RT: 11.51 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX002458.D
Acq: 12 Jun 2018 10:12

Tgt Ion: 91 Resp: 630811
Ion Ratio Lower Upper
91 100
126 31.5 15.4 46.4

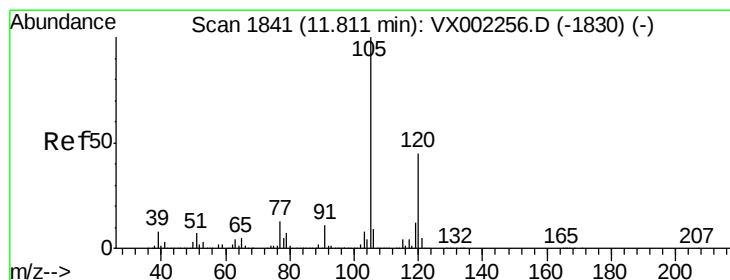
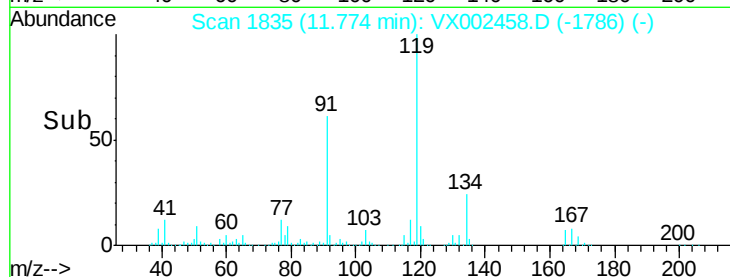
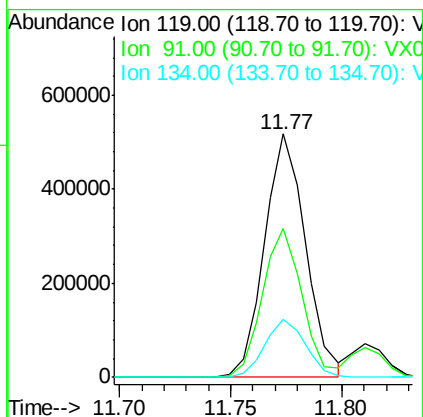
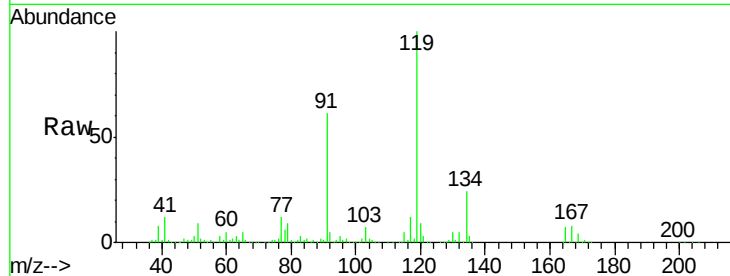




#83
 tert-Butylbenzene
 Concen: 51.49 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: VX002458.D
 Acq: 12 Jun 2018 10:12

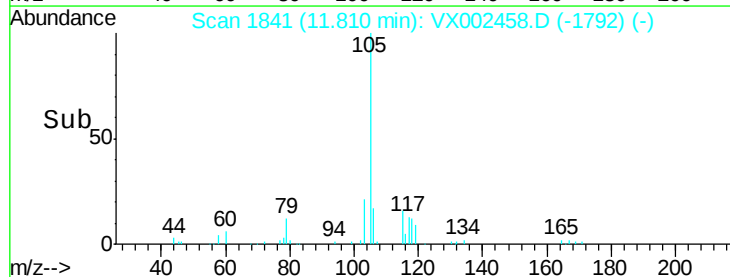
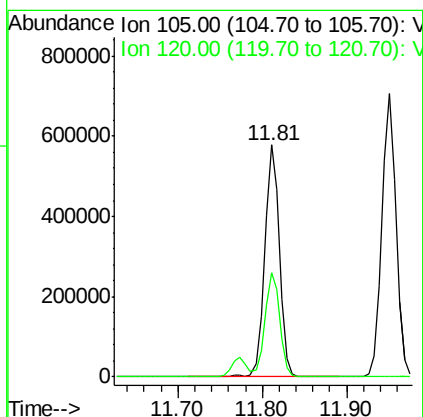
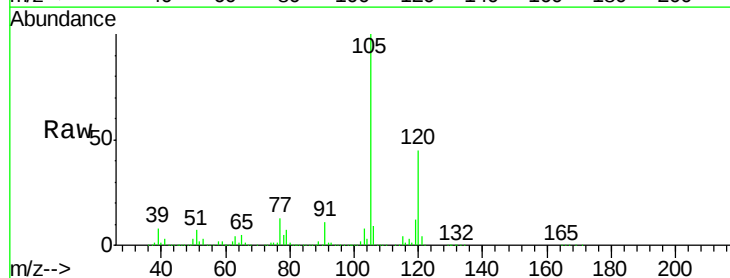
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

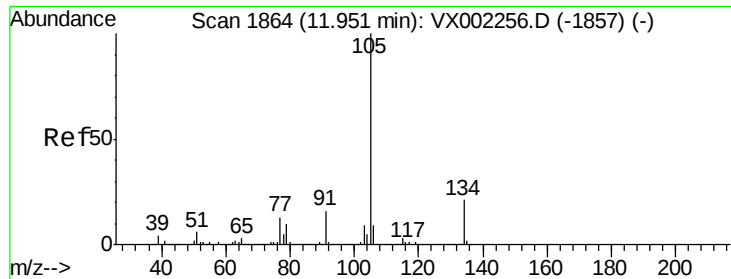
Tgt Ion:119 Resp: 661111
 Ion Ratio Lower Upper
 119 100
 91 59.5 30.3 90.9
 134 23.7 11.7 35.1



#84
 1,2,4-Trimethylbenzene
 Concen: 51.10 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: VX002458.D
 Acq: 12 Jun 2018 10:12

Tgt Ion:105 Resp: 693652
 Ion Ratio Lower Upper
 105 100
 120 45.4 22.3 66.8

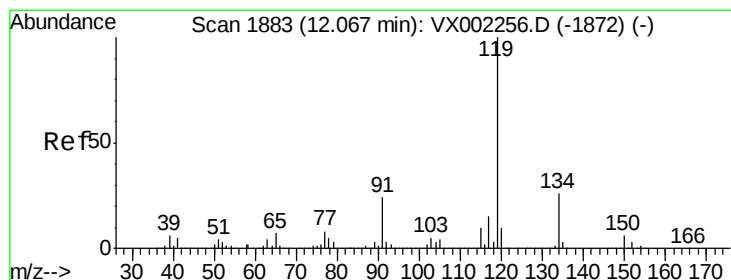
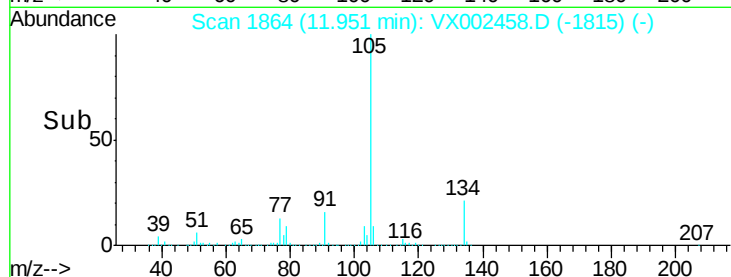
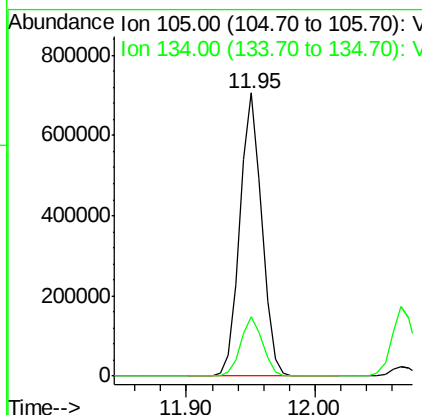
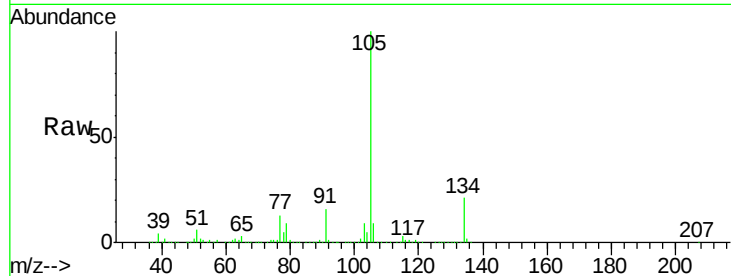




#85
 sec-Butylbenzene
 Concen: 55.12 ug/l
 RT: 11.95 min Scan# 1864
 Delta R.T. -0.00 min
 Lab File: VX002458.D
 Acq: 12 Jun 2018 10:12

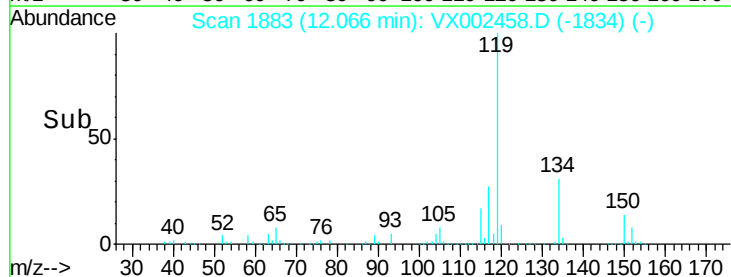
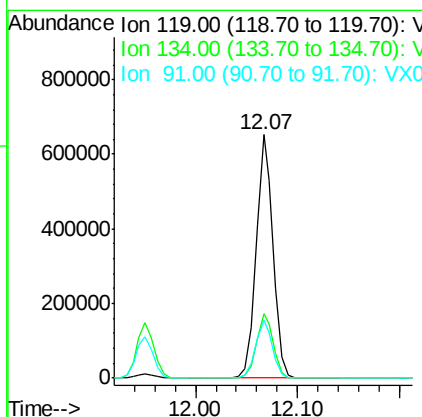
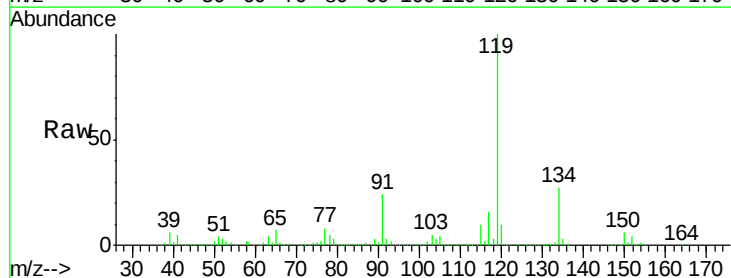
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

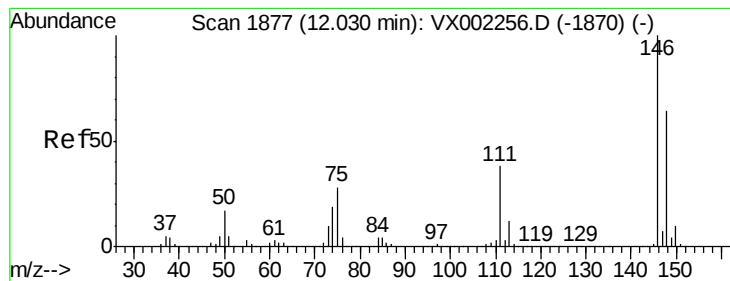
Tgt Ion:105 Resp: 829720
 Ion Ratio Lower Upper
 105 100
 134 20.8 10.4 31.1



#86
 p-Isopropyltoluene
 Concen: 55.34 ug/l
 RT: 12.07 min Scan# 1883
 Delta R.T. -0.00 min
 Lab File: VX002458.D
 Acq: 12 Jun 2018 10:12

Tgt Ion:119 Resp: 758810
 Ion Ratio Lower Upper
 119 100
 134 26.8 13.4 40.1
 91 24.0 11.9 35.7





#87

1,3-Dichlorobenzene

Concen: 51.13 ug/l

RT: 12.03 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VX002458.D

Acq: 12 Jun 2018 10:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

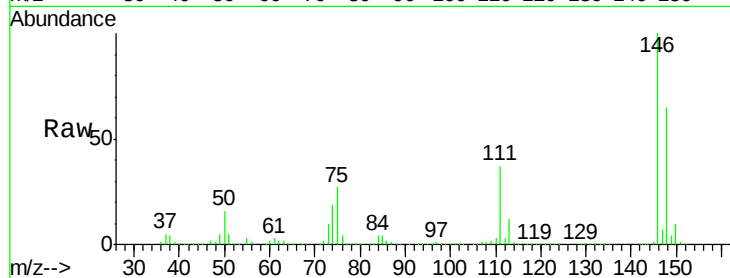
Tgt Ion:146 Resp: 394540

Ion Ratio Lower Upper

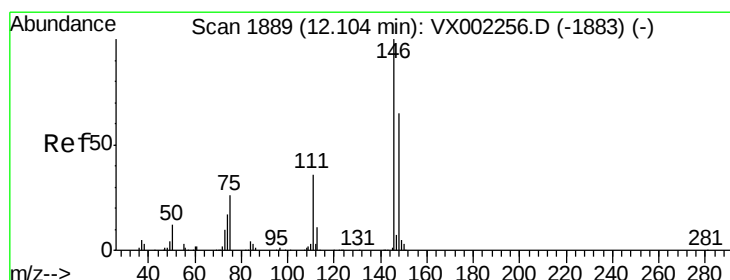
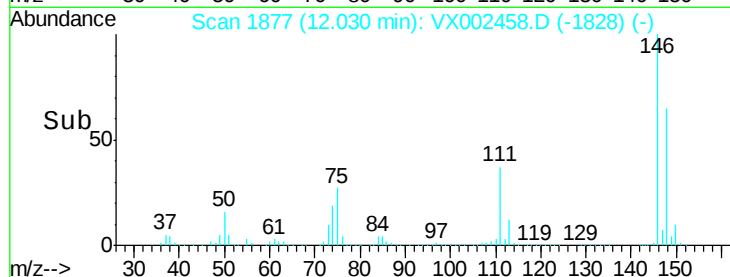
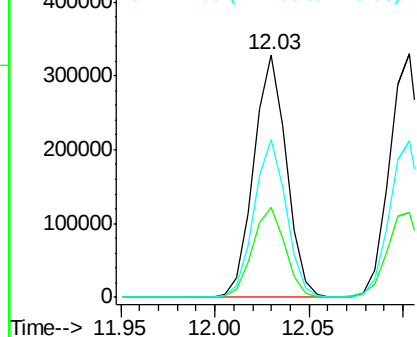
146 100

111 37.1 18.9 56.7

148 64.2 32.1 96.3



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



#88

1,4-Dichlorobenzene

Concen: 50.63 ug/l

RT: 12.10 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VX002458.D

Acq: 12 Jun 2018 10:12

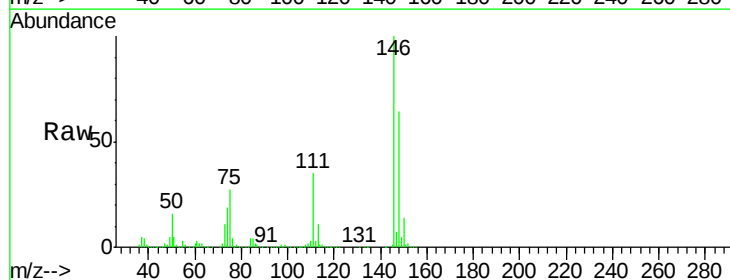
Tgt Ion:146 Resp: 402749

Ion Ratio Lower Upper

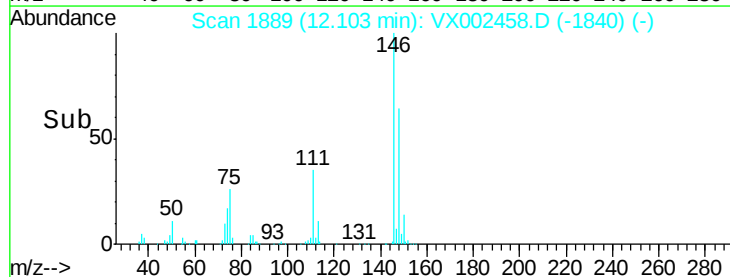
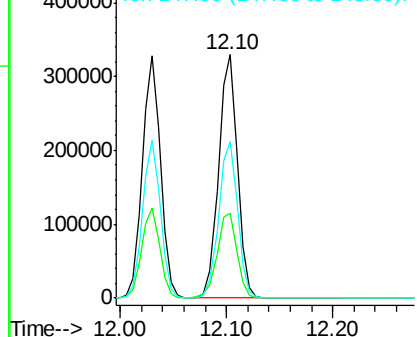
146 100

111 36.4 18.7 56.1

148 64.7 32.4 97.0



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

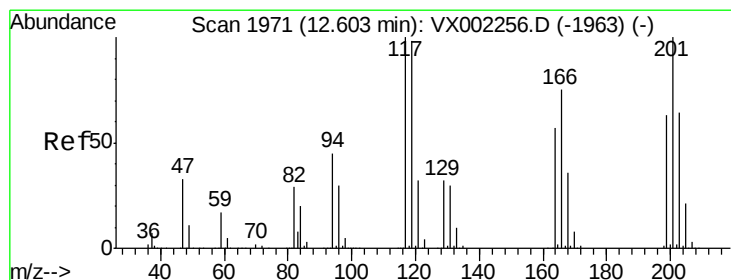
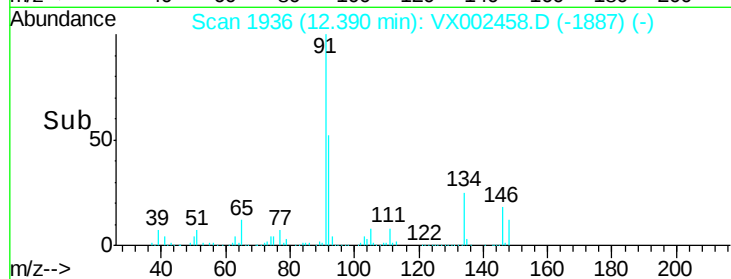
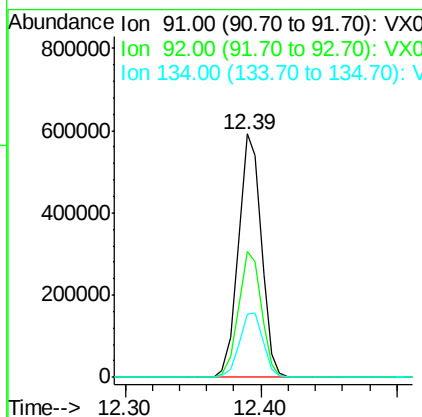
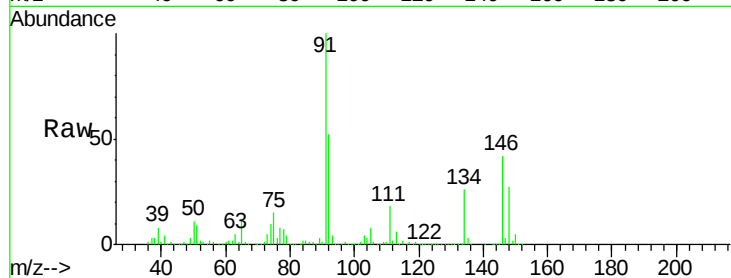




#89
n-Butylbenzene
Concen: 60.08 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. -0.00 min
Lab File: VX002458.D
Acq: 12 Jun 2018 10:12

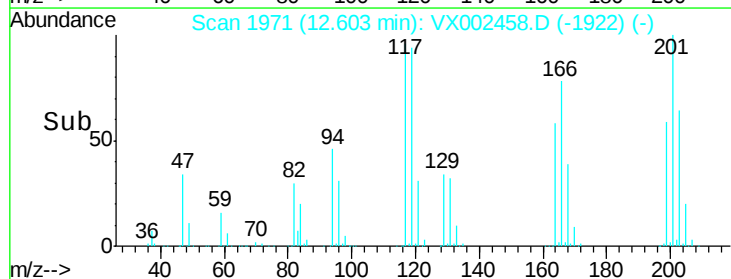
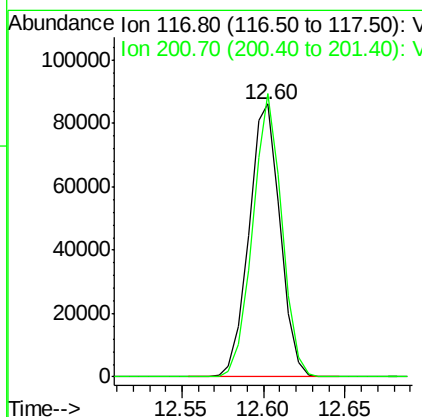
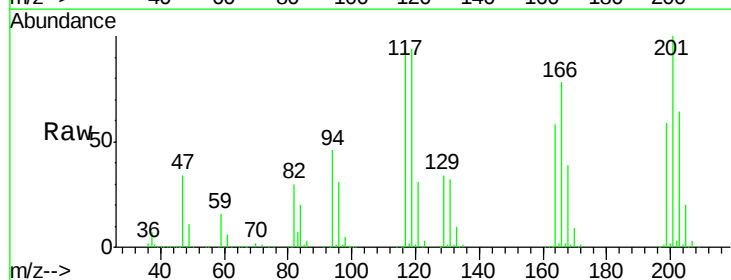
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 690909
Ion Ratio Lower Upper
91 100
92 52.1 26.0 78.0
134 27.3 13.5 40.5



#90
Hexachloroethane
Concen: 52.18 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. -0.00 min
Lab File: VX002458.D
Acq: 12 Jun 2018 10:12

Tgt Ion: 117 Resp: 114218
Ion Ratio Lower Upper
117 100
201 96.7 49.0 147.0

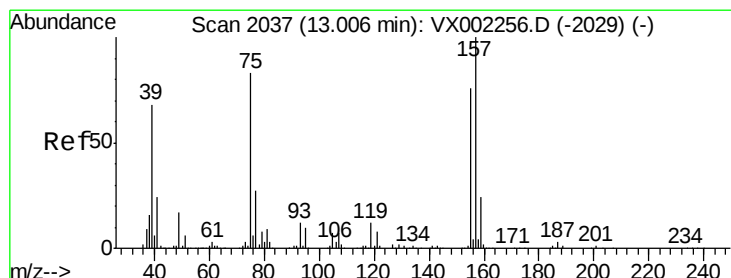
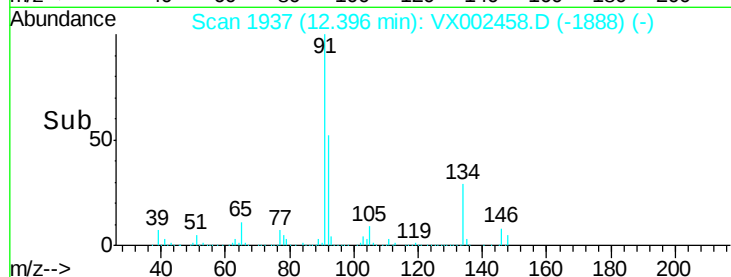
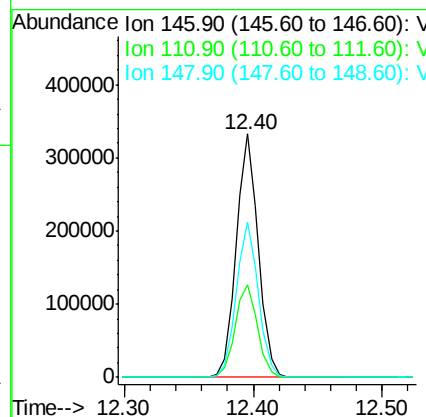
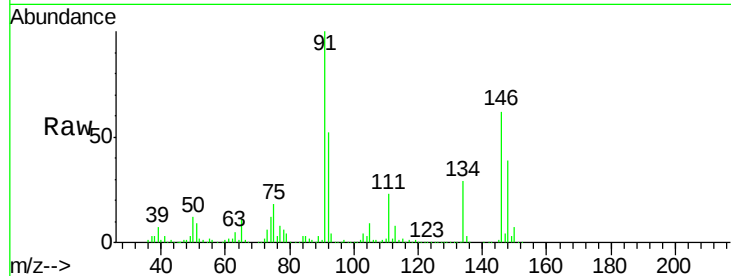




#91
 1,2-Dichlorobenzene
 Concen: 49.69 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VX002458.D
 Acq: 12 Jun 2018 10:12

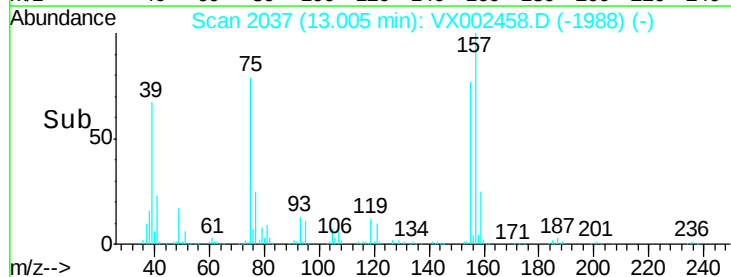
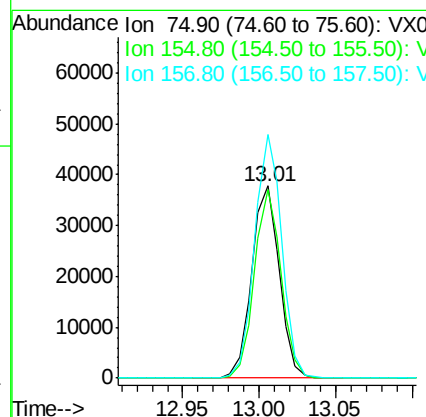
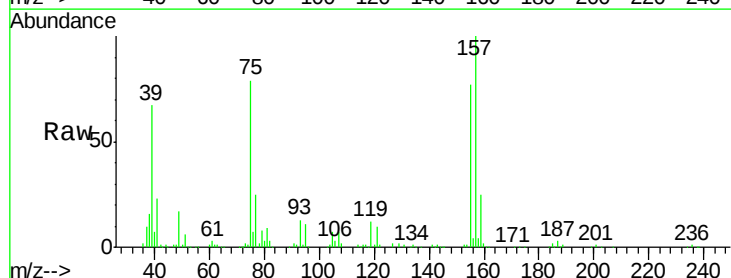
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

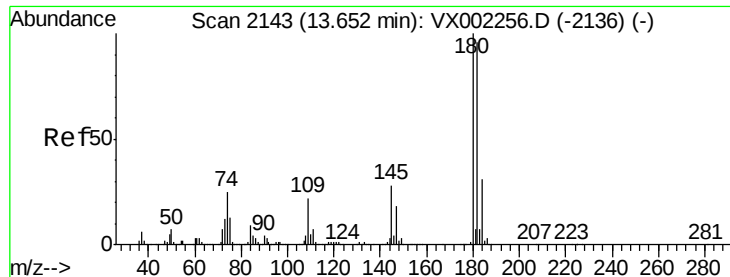
Tgt Ion: 146 Resp: 396718
 Ion Ratio Lower Upper
 146 100
 111 38.7 19.4 58.1
 148 64.2 31.7 95.1



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 44.74 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. -0.00 min
 Lab File: VX002458.D
 Acq: 12 Jun 2018 10:12

Tgt Ion: 75 Resp: 47307
 Ion Ratio Lower Upper
 75 100
 155 94.7 45.8 137.4
 157 124.3 60.1 180.3

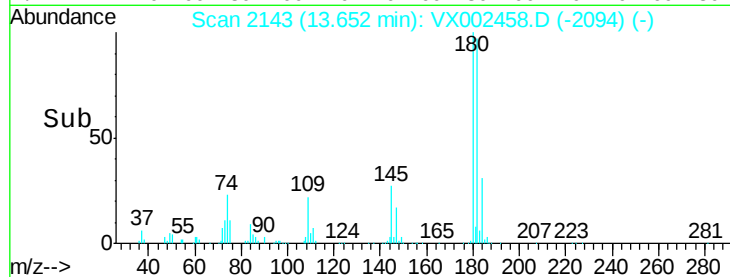
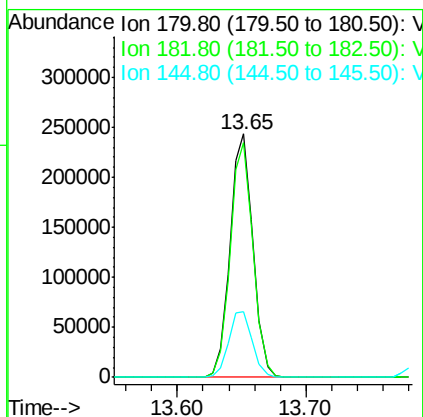
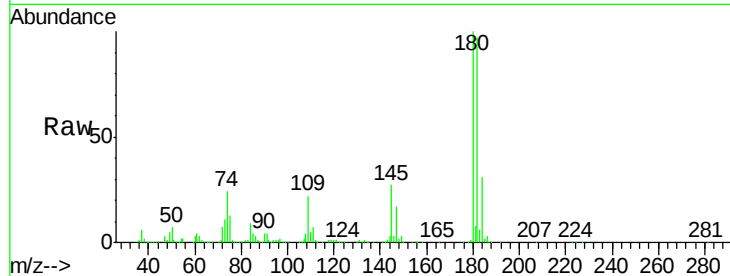




#93
 1,2,4-Trichlorobenzene
 Concen: 53.87 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX002458.D
 Acq: 12 Jun 2018 10:12

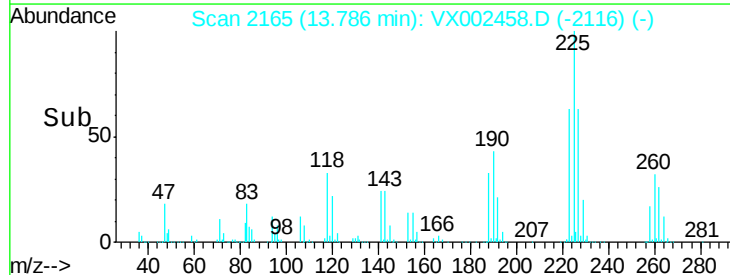
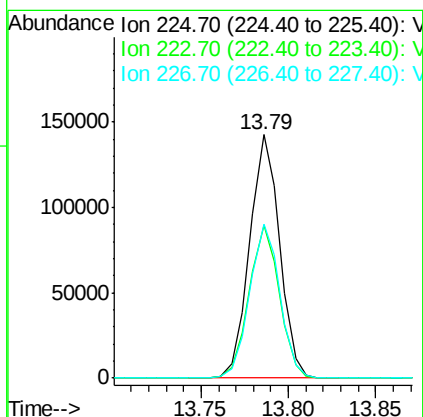
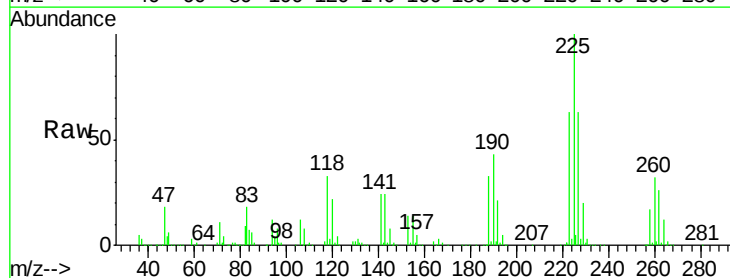
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion:180 Resp: 301615
 Ion Ratio Lower Upper
 180 100
 182 96.1 47.7 143.1
 145 28.1 14.1 42.4



#94
 Hexachlorobutadiene
 Concen: 61.37 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VX002458.D
 Acq: 12 Jun 2018 10:12

Tgt Ion:225 Resp: 169774
 Ion Ratio Lower Upper
 225 100
 223 63.2 31.6 95.0
 227 63.7 32.4 97.2

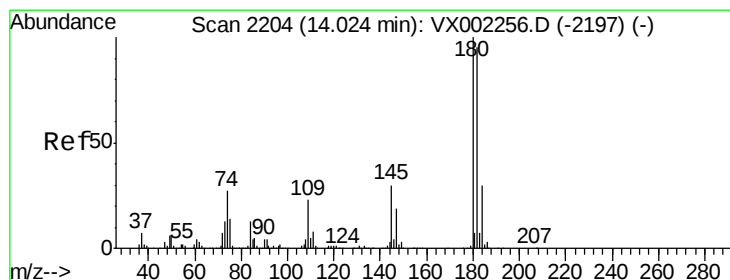
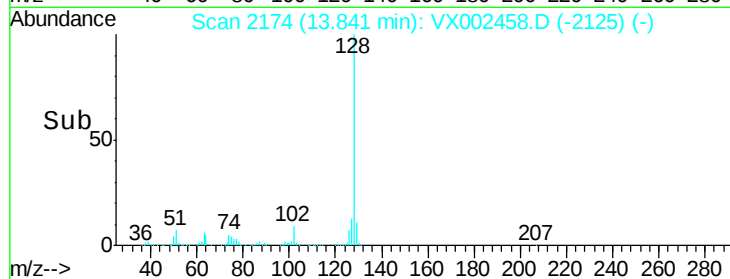
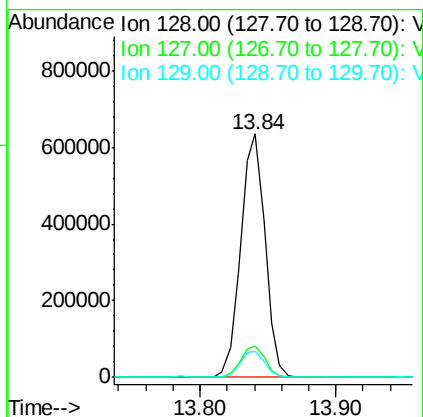
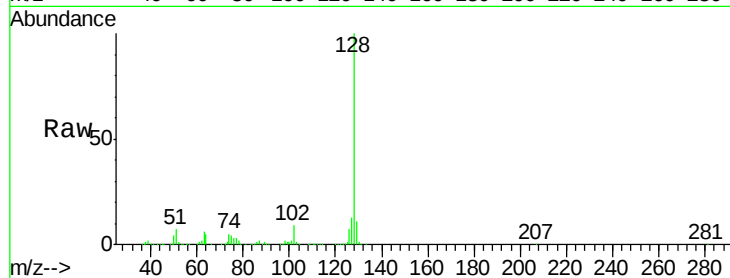




#95
Naphthalene
Concen: 49.04 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. -0.00 min
Lab File: VX002458.D
Acq: 12 Jun 2018 10:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 788889
Ion Ratio Lower Upper
128 100
127 13.1 10.4 15.6
129 10.9 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 52.47 ug/l
RT: 14.02 min Scan# 2204
Delta R.T. -0.00 min
Lab File: VX002458.D
Acq: 12 Jun 2018 10:12

Tgt Ion:180 Resp: 299599
Ion Ratio Lower Upper
180 100
182 96.1 48.0 144.0
145 29.7 14.8 44.3

