

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072118\
 Data File : VX003569.D
 Acq On : 21 Jul 2018 21:58
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Jul 23 03:46:41 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071918W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 19 17:09:44 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	287281	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	401017	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	377342	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	232592	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	184850	54.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.72%	
35) Dibromofluoromethane	5.51	113	176534	57.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	115.60%	
50) Toluene-d8	8.72	98	626462	54.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.14%	
62) 4-Bromofluorobenzene	11.14	95	228591	54.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.12%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	120784	53.00	ug/l	99
3) Chloromethane	1.32	50	156310	55.42	ug/l	89
4) Vinyl Chloride	1.40	62	167630	45.93	ug/l	99
5) Bromomethane	1.64	94	75018	51.76	ug/l	99
6) Chloroethane	1.72	64	111443	51.60	ug/l	100
7) Trichlorofluoromethane	1.92	101	248597	51.06	ug/l	93
8) Diethyl Ether	2.19	74	107546	51.43	ug/l	88
9) 1,1,2-Trichlorotrifluoroet	2.38	101	153588	48.20	ug/l	99
10) Methyl Iodide	2.51	142	213607	55.80	ug/l	93
11) Tert butyl alcohol	3.07	59	186263	276.80	ug/l	99
12) 1,1-Dichloroethene	2.37	96	153160	52.20	ug/l	85
13) Acrolein	2.29	56	70459	231.74	ug/l	97
14) Allyl chloride	2.73	41	285451	54.96	ug/l	87
15) Acrylonitrile	3.15	53	471718	275.34	ug/l	98
16) Acetone	2.45	43	376413	293.04	ug/l	93
17) Carbon Disulfide	2.57	76	408046	51.42	ug/l	96
18) Methyl Acetate	2.78	43	243494	60.13	ug/l	93
19) Methyl tert-butyl Ether	3.21	73	511286	53.36	ug/l	95
20) Methylene Chloride	2.86	84	178444	56.94	ug/l	91
21) trans-1,2-Dichloroethene	3.16	96	168539	51.62	ug/l	80
22) Diisopropyl ether	3.87	45	575600	58.89	ug/l	97
23) Vinyl Acetate	3.82	43	2263338	281.13	ug/l	96
24) 1,1-Dichloroethane	3.70	63	321579	56.08	ug/l	99
25) 2-Butanone	4.71	43	625580	290.27	ug/l #	90
26) 2,2-Dichloropropane	4.59	77	215462	49.47	ug/l	96
27) cis-1,2-Dichloroethene	4.59	96	200550	55.17	ug/l	96
28) Bromochloromethane	5.03	49	148075	59.08	ug/l	90
29) Tetrahydrofuran	5.16	42	404428	284.07	ug/l	93
30) Chloroform	5.21	83	327857	58.55	ug/l	100
31) Cyclohexane	5.58	56	278766	54.41	ug/l	87
32) 1,1,1-Trichloroethane	5.49	97	275905	57.54	ug/l	98
36) 1,1-Dichloropropene	5.81	75	225475	52.08	ug/l	99
37) Ethyl Acetate	4.87	43	240653	58.74	ug/l	96
38) Carbon Tetrachloride	5.78	117	228491	53.80	ug/l	100

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 Quant Title : SW846 8260
 QLast Update : Thu Jul 19 17:09:44 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	259736	50.65	ug/l	95
40) Benzene	6.15	78	682239	52.19	ug/l	99
41) Methacrylonitrile	5.07	41	138034	57.32	ug/l	94
42) 1,2-Dichloroethane	6.20	62	226501	54.99	ug/l	96
43) Isopropyl Acetate	6.46	43	352779	54.13	ug/l	94
44) Trichloroethene	7.22	130	197150	50.57	ug/l	96
45) 1,2-Dichloropropane	7.52	63	179313	54.02	ug/l	100
46) Dibromomethane	7.67	93	115654	54.12	ug/l	97
47) Bromodichloromethane	7.90	83	218724	55.91	ug/l	99
48) Methyl methacrylate	7.78	41	184610	56.17	ug/l	86
49) 1,4-Dioxane	7.76	88	78409	1052.91	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	1179138	286.38	ug/l	92
52) Toluene	8.79	92	435698	52.95	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	261338	54.27	ug/l	100
54) cis-1,3-Dichloropropene	9.04	75	237250	54.79	ug/l #	90
55) 1,1,2-Trichloroethane	9.22	97	176177	53.81	ug/l	99
56) Ethyl methacrylate	9.18	69	257074	55.74	ug/l #	84
57) 1,3-Dichloropropane	9.37	76	287824	54.38	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	613425	273.54	ug/l	98
59) 2-Hexanone	9.50	43	872710	286.08	ug/l	89
60) Dibromochloromethane	9.59	129	180759	55.77	ug/l	100
61) 1,2-Dibromoethane	9.68	107	180657	53.22	ug/l	98
64) Tetrachloroethene	9.34	164	235306	51.18	ug/l	96
65) Chlorobenzene	10.14	112	490583	50.46	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	178473	53.35	ug/l	99
67) Ethyl Benzene	10.26	91	826816	52.89	ug/l	100
68) m/p-Xylenes	10.36	106	649744	106.02	ug/l	97
69) o-Xylene	10.70	106	312448	52.72	ug/l	97
70) Styrene	10.71	104	529218	54.29	ug/l	97
71) Bromoform	10.86	173	142000	54.64	ug/l	100
73) Isopropylbenzene	11.02	105	842227	52.36	ug/l	100
74) N-amyl acetate	6.46	43	352779	51.65	ug/l #	93
75) 1,1,2,2-Tetrachloroethane	11.27	83	243392	51.63	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	287296	68.76	ug/l	80
77) Bromobenzene	11.26	156	230244	49.77	ug/l	97
78) n-propylbenzene	11.37	91	954212	53.36	ug/l	99
79) 2-Chlorotoluene	11.42	91	566329	52.17	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	686935	51.96	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.08	75	69355	47.28	ug/l	89
82) 4-Chlorotoluene	11.51	91	636429	50.04	ug/l	97
83) tert-Butylbenzene	11.77	119	659262	50.92	ug/l	95
84) 1,2,4-Trimethylbenzene	11.81	105	705376	52.44	ug/l	97
85) sec-Butylbenzene	11.95	105	813397	51.73	ug/l	99
86) p-Isopropyltoluene	12.07	119	741777	52.56	ug/l	98
87) 1,3-Dichlorobenzene	12.03	146	417743	49.12	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	423741	48.37	ug/l	99
89) n-Butylbenzene	12.39	91	629010	52.49	ug/l	99
90) Hexachloroethane	12.60	117	104084	51.88	ug/l	98
91) 1,2-Dichlorobenzene	12.40	146	420352	50.15	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	49672	54.15	ug/l	92

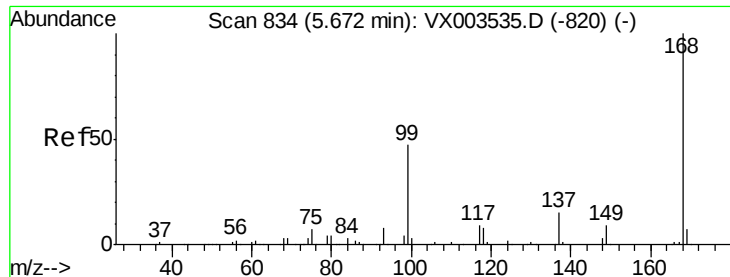
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072118\
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	296423	48.25	ug/l	100
94) Hexachlorobutadiene	13.79	225	140682	47.62	ug/l	100
95) Naphthalene	13.83	128	847910	52.53	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	300858	49.47	ug/l	99

(#) = 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. 0.00 min

Lab File: VX003569.D

Acq: 21 Jul 2018 21:58

Instrument :

MSVOA_X

ClientSampleId :

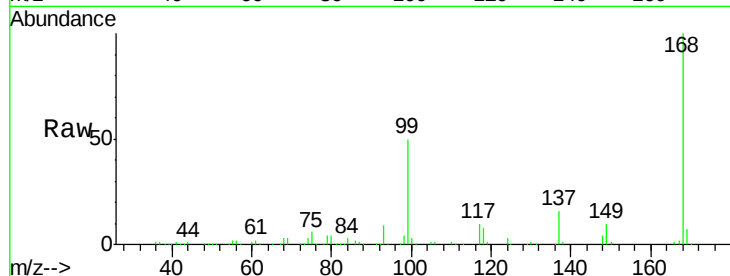
VSTDCCC050

Tot Ion:168 Resp: 287281

Ion Ratio Lower Upper

168 100

99 50.1 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

100000

80000

60000

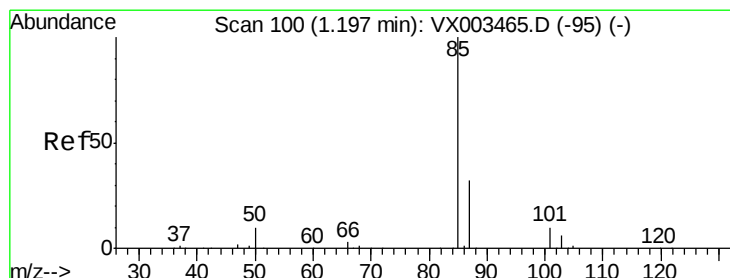
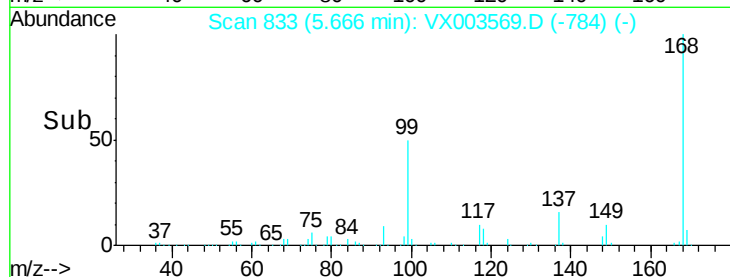
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 53.00 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX003569.D

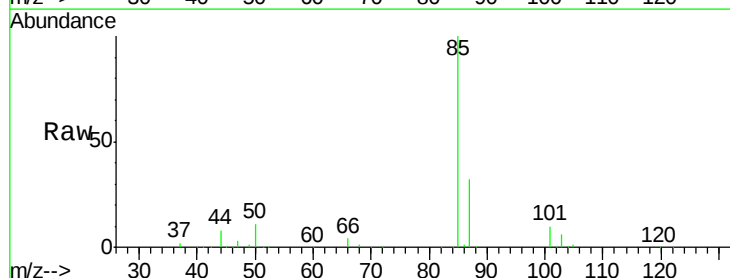
Acq: 21 Jul 2018 21:58

Tgt Ion: 85 Resp: 120784

Ion Ratio Lower Upper

85 100

87 32.4 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

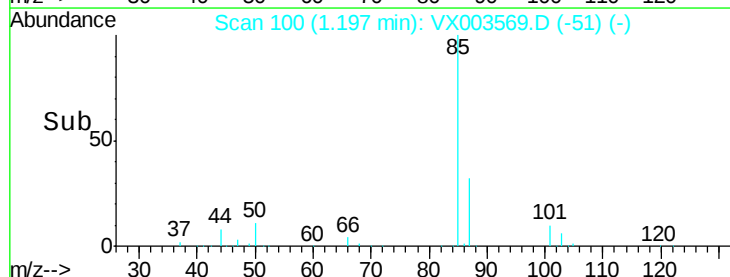
100000

50000

0

Time-->

1.10 1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 55.42 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX003569.D

Acq: 21 Jul 2018 21:58

Instrument :

MSVOA_X

ClientSampleId :

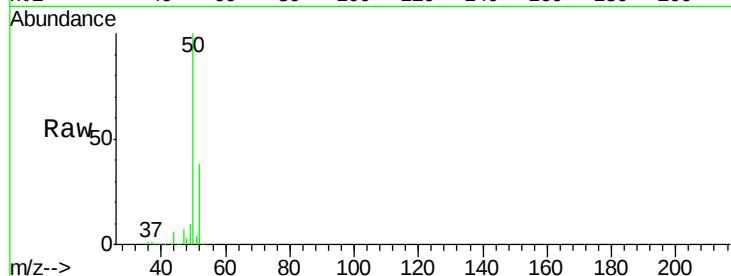
VSTDCCC050

Tot Ion: 50 Resp: 156310

Ion Ratio Lower Upper

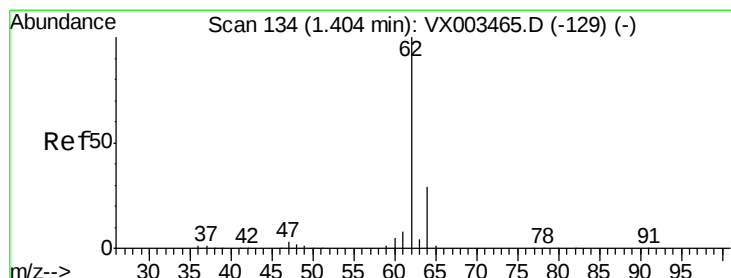
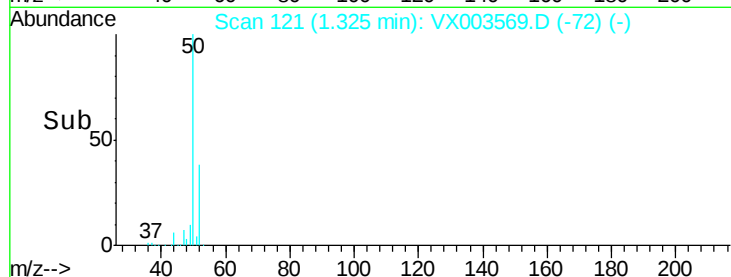
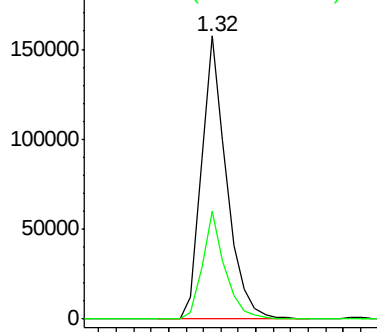
50 100

52 38.2 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: 45.93 ug/l

RT: 1.40 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX003569.D

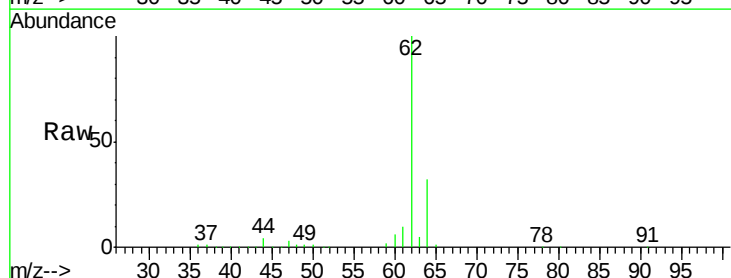
Acq: 21 Jul 2018 21:58

Tgt Ion: 62 Resp: 167630

Ion Ratio Lower Upper

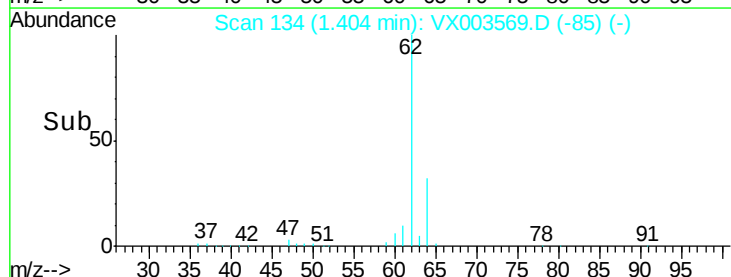
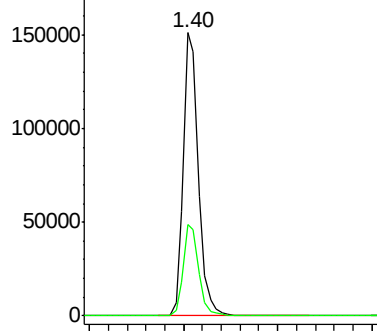
62 100

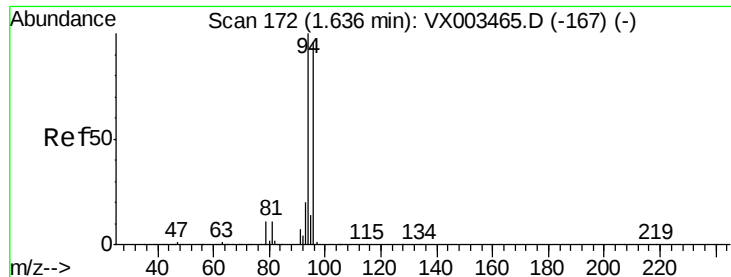
64 32.4 25.4 38.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 51.76 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX003569.D

Acq: 21 Jul 2018 21:58

Instrument :

MSVOA_X

ClientSampleId :

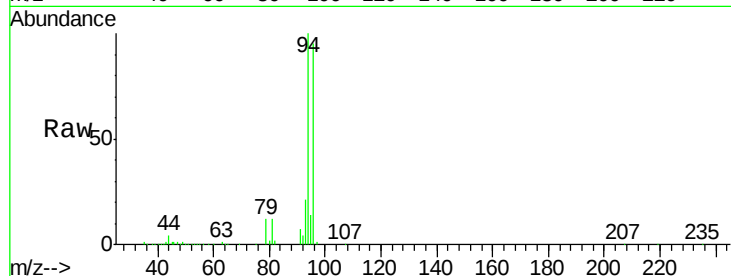
VSTDCCC050

Tot Ion: 94 Resp: 75018

Ion Ratio Lower Upper

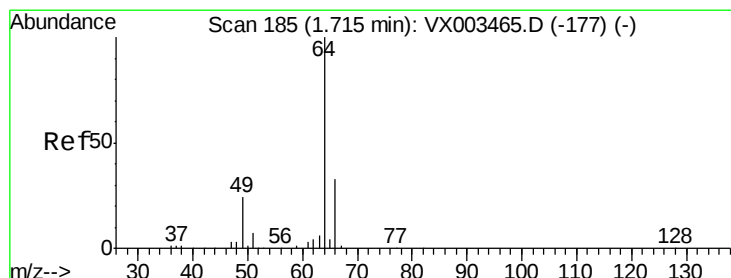
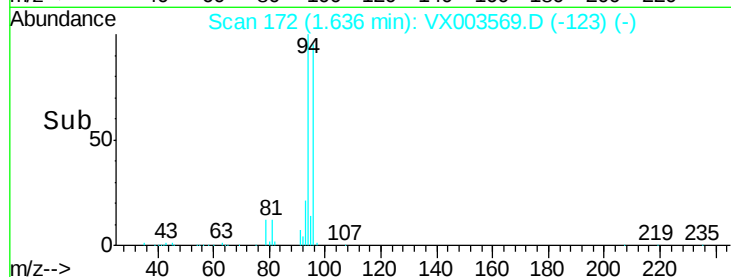
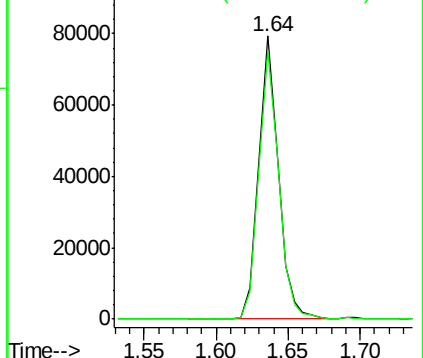
94 100

96 94.7 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: 51.60 ug/l

RT: 1.72 min Scan# 185

Delta R.T. 0.00 min

Lab File: VX003569.D

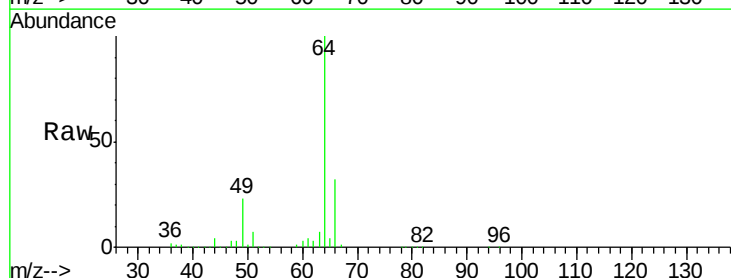
Acq: 21 Jul 2018 21:58

Tgt Ion: 64 Resp: 111443

Ion Ratio Lower Upper

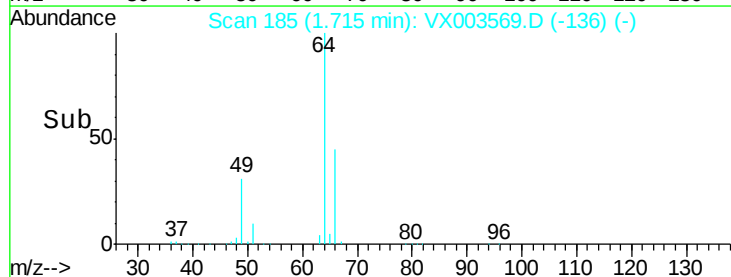
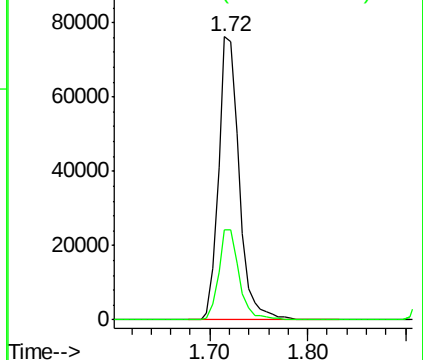
64 100

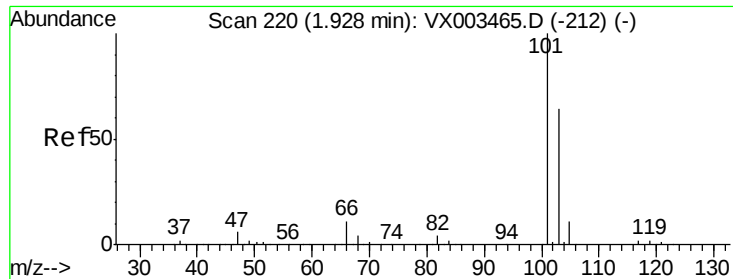
66 31.8 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

Trichlorofluoromethane

Concen: 51.06 ug/l

RT: 1.92 min Scan# 219

Delta R.T. -0.01 min

Lab File: VX003569.D

Acq: 21 Jul 2018 21:58

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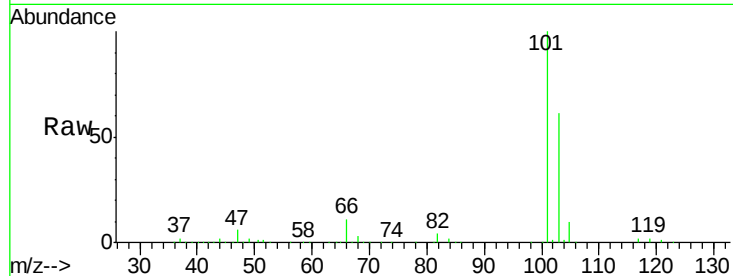
VSTDCCC050

Tot Ion:101 Resp: 248597

Ion Ratio Lower Upper

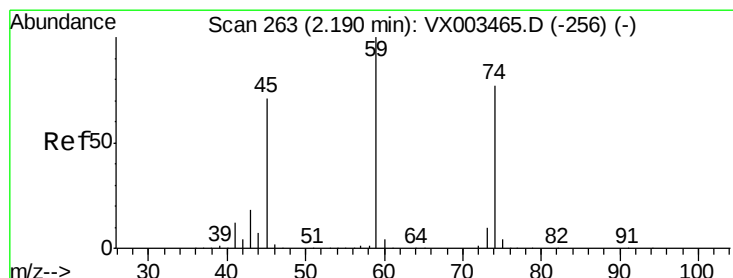
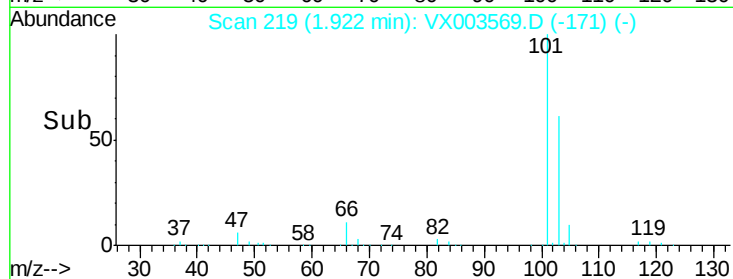
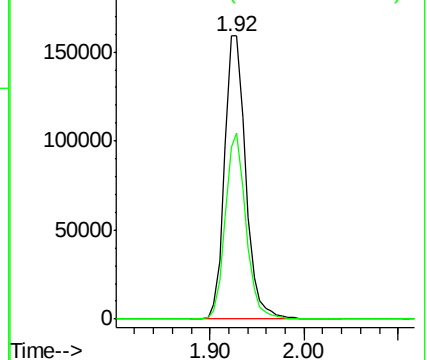
101 100

103 60.7 52.8 79.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V



#8

Diethyl Ether

Concen: 51.43 ug/l

RT: 2.19 min Scan# 263

Delta R.T. 0.00 min

Lab File: VX003569.D

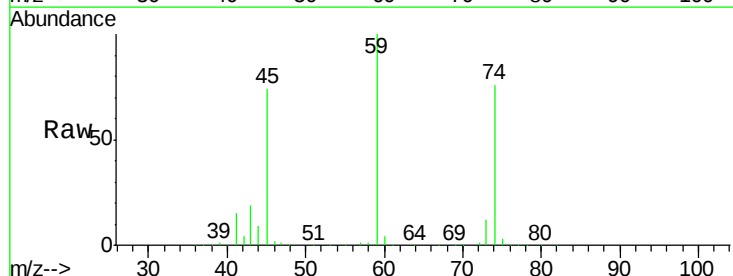
Acq: 21 Jul 2018 21:58

Tgt Ion: 74 Resp: 107546

Ion Ratio Lower Upper

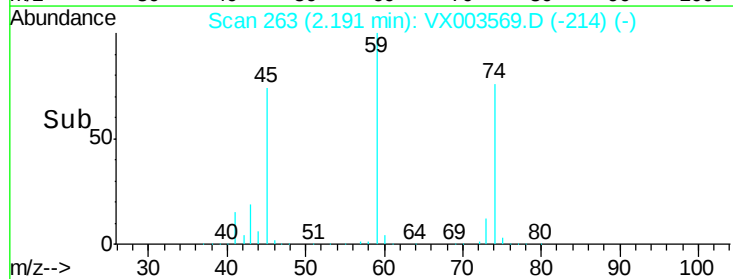
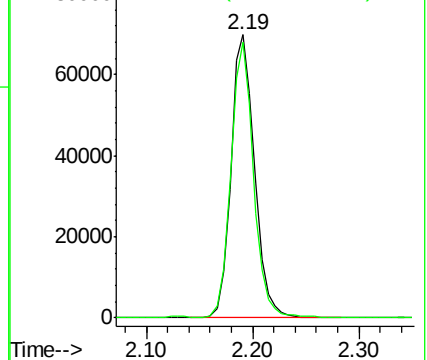
74 100

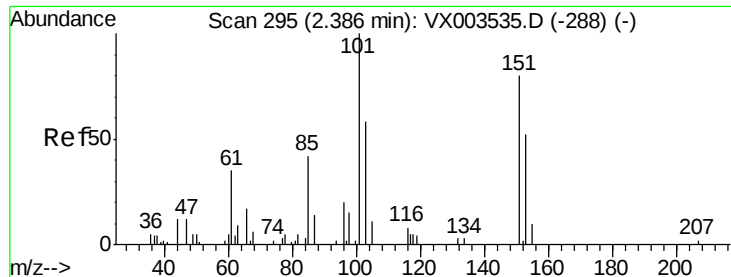
45 93.6 53.1 159.4



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.20 ug/l

RT: 2.38 min Scan# 294

Delta R.T. 0.00 min

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ClientSampleId :

VSTDCCC050

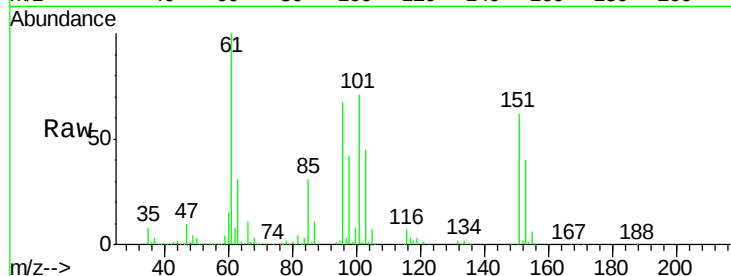
Tot Ion:101 Resp: 153588

Ion Ratio Lower Upper

101 100

85 43.6 36.0 54.0

151 88.9 70.9 106.3



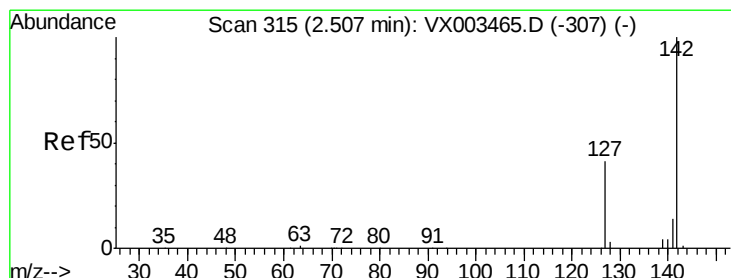
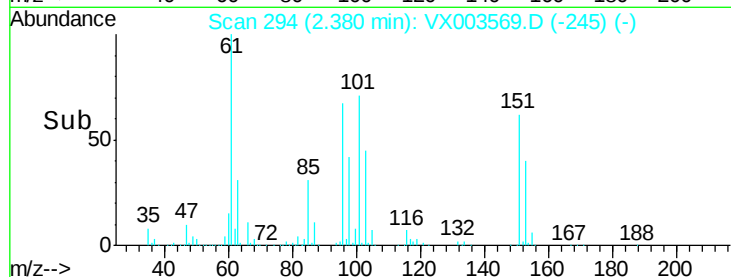
Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V

Time-->

2.38



#10

Methyl Iodide

Concen: 55.80 ug/l

RT: 2.51 min Scan# 316

Delta R.T. 0.01 min

Lab File: VX003569.D

Acq: 21 Jul 2018 21:58

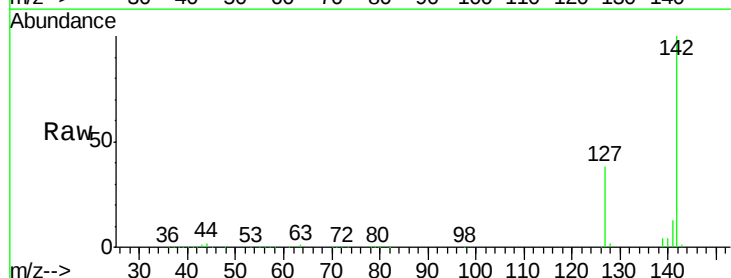
Tgt Ion:142 Resp: 213607

Ion Ratio Lower Upper

142 100

127 40.1 36.6 55.0

141 14.3 11.3 16.9



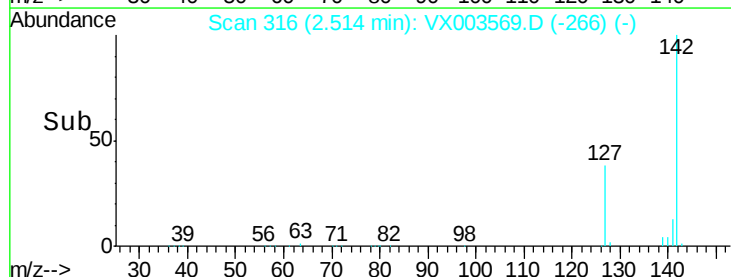
Abundance Ion 141.80 (141.50 to 142.50): V

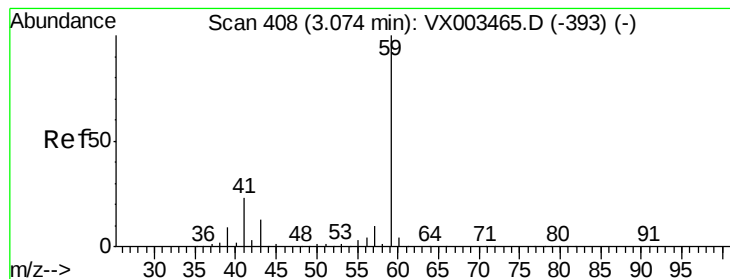
Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

Time-->

2.51



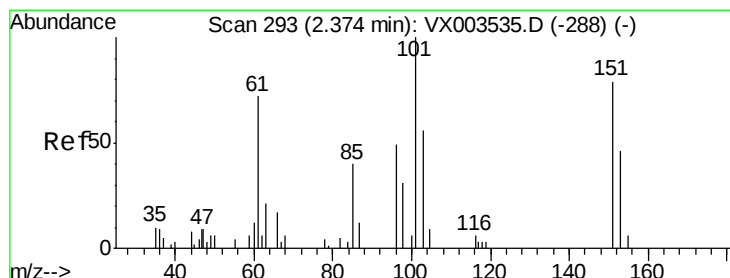
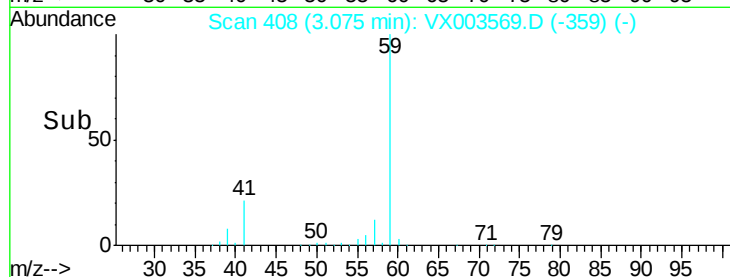
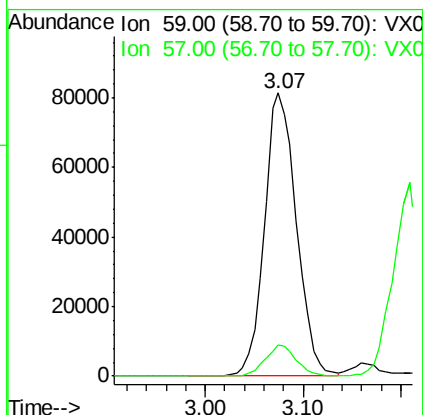
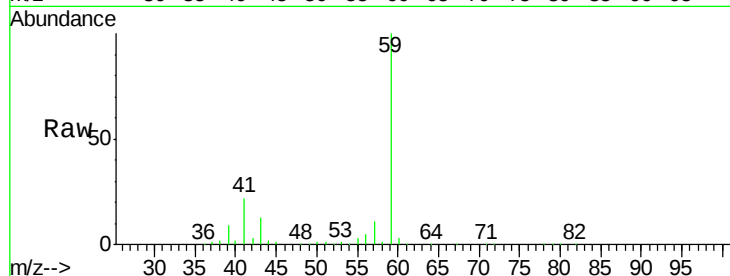


#11

Tert butyl alcohol
 Concen: 276.80 ug/l
 RT: 3.07 min Scan# 408
 Delta R.T. 0.00 min
 Lab File: VX003569.D
 Acq: 21 Jul 2018 21:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

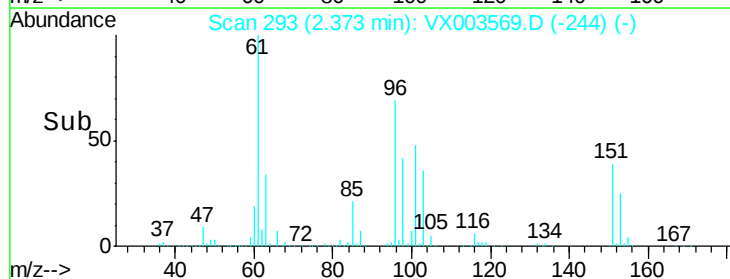
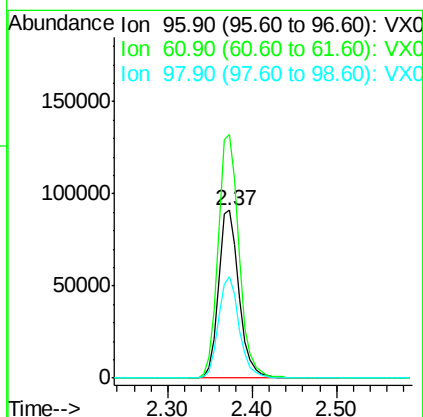
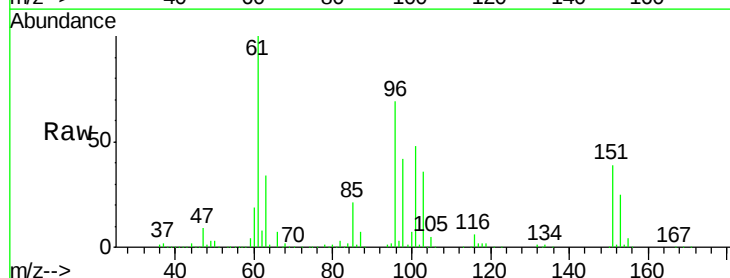
Tot Ion: 59 Resp: 186263
 Ion Ratio Lower Upper
 59 100
 57 10.7 8.2 12.2

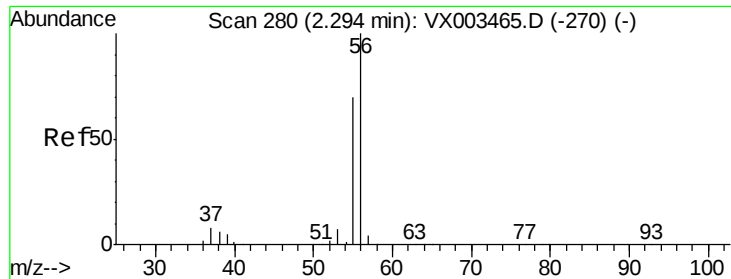


#12

1,1-Dichloroethene
 Concen: 52.20 ug/l
 RT: 2.37 min Scan# 293
 Delta R.T. 0.00 min
 Lab File: VX003569.D
 Acq: 21 Jul 2018 21:58

Tgt Ion: 96 Resp: 153160
 Ion Ratio Lower Upper
 96 100
 61 145.3 137.9 206.9
 98 60.9 51.6 77.4

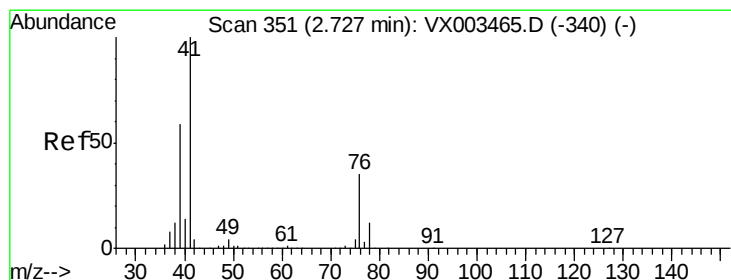
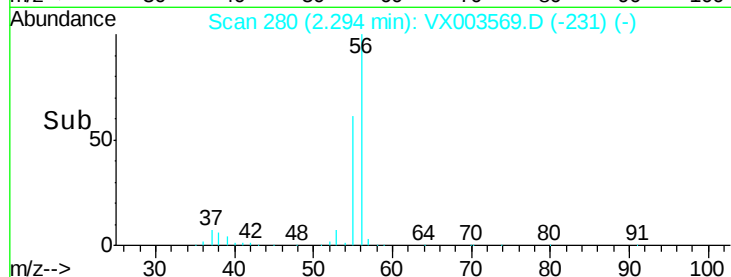
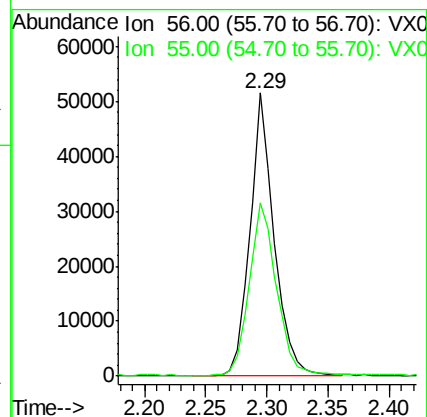
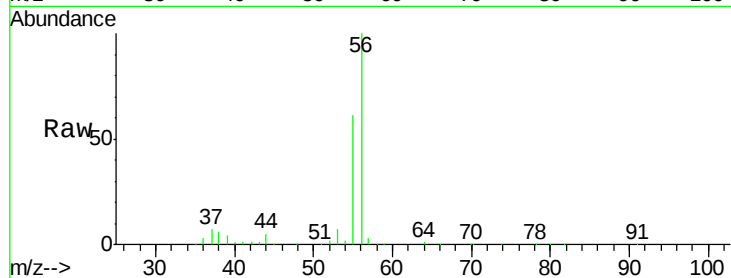




#13
 Acrolein
 Concen: 231.74 ug/l
 RT: 2.29 min Scan# 280
 Delta R.T. 0.00 min
 Lab File: VX003569.D
 Acq: 21 Jul 2018 21:58

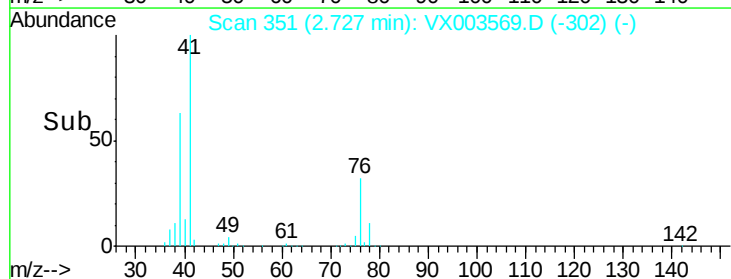
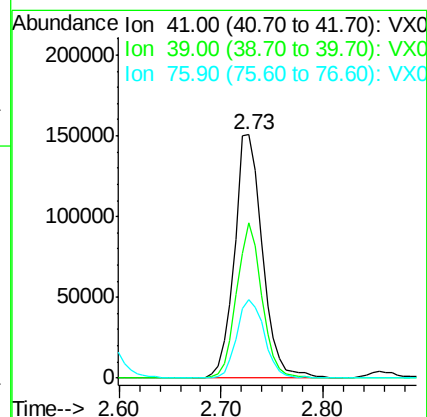
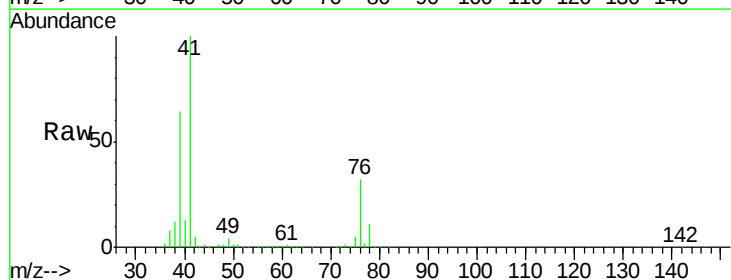
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion: 56 Resp: 70459
 Ion Ratio Lower Upper
 56 100
 55 69.1 57.0 85.4



#14
 Allyl chloride
 Concen: 54.96 ug/l
 RT: 2.73 min Scan# 351
 Delta R.T. 0.00 min
 Lab File: VX003569.D
 Acq: 21 Jul 2018 21:58

Tgt Ion: 41 Resp: 285451
 Ion Ratio Lower Upper
 41 100
 39 57.5 56.8 85.2
 76 32.0 23.8 35.8





#15

Acrylonitrile

Concen: 275.34 ug/l

RT: 3.15 min Scan# 421

Delta R.T. 0.00 min

Lab File: VX003569.D

Acq: 21 Jul 2018 21:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

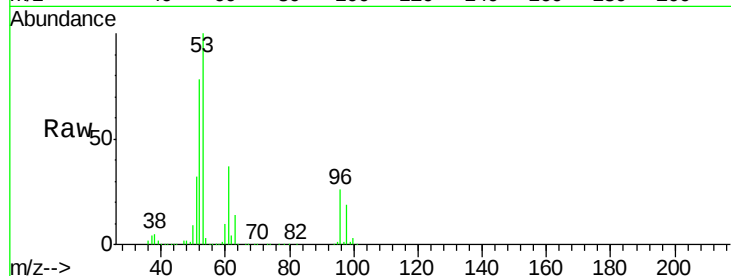
Tot Ion: 53 Resp: 471718

Ion Ratio Lower Upper

53 100

52 83.4 66.7 100.1

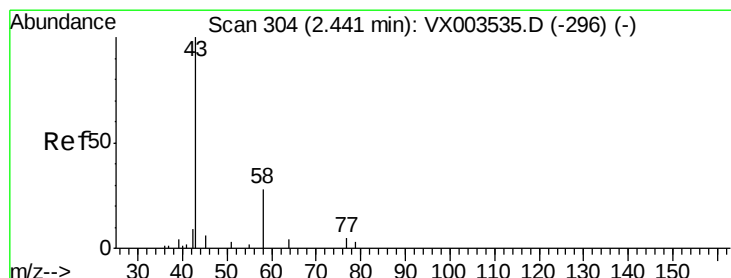
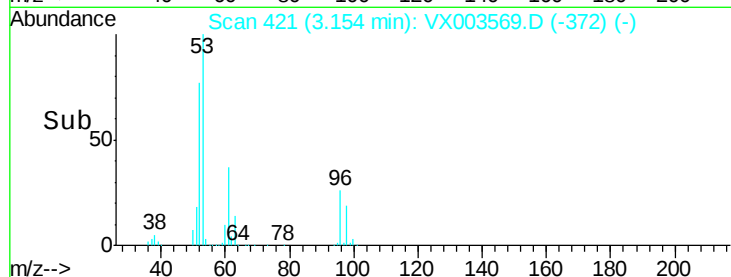
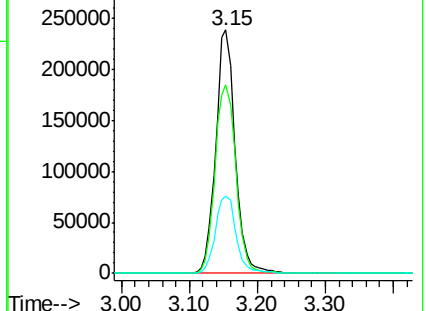
51 34.2 29.9 44.9



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 293.04 ug/l

RT: 2.45 min Scan# 305

Delta R.T. 0.00 min

Lab File: VX003569.D

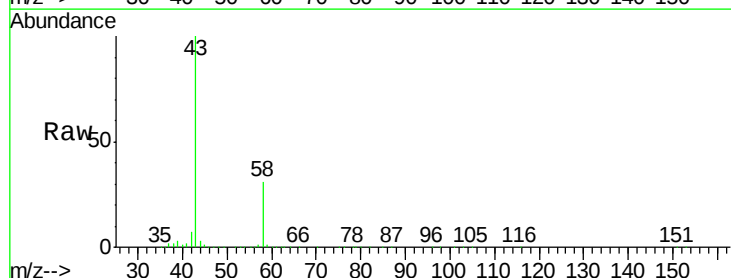
Acq: 21 Jul 2018 21:58

Tgt Ion: 43 Resp: 376413

Ion Ratio Lower Upper

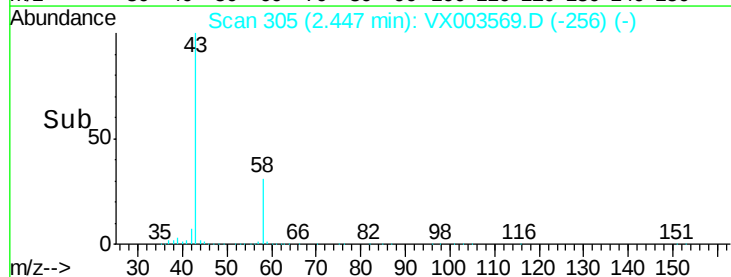
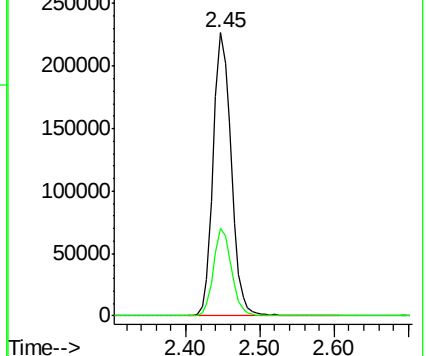
43 100

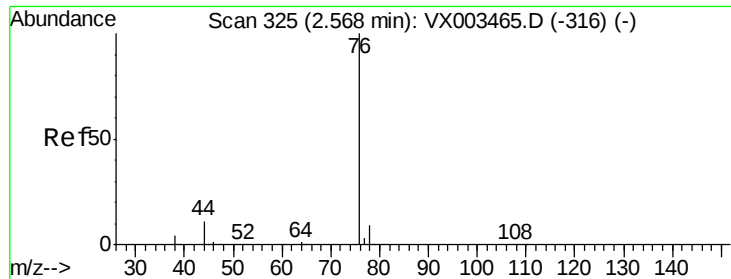
58 31.0 22.1 33.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 51.42 ug/l

RT: 2.57 min Scan# 325

Delta R.T. 0.00 min

Lab File: VX003569.D

Acq: 21 Jul 2018 21:58

Instrument :

MSVOA_X

ClientSampleId :

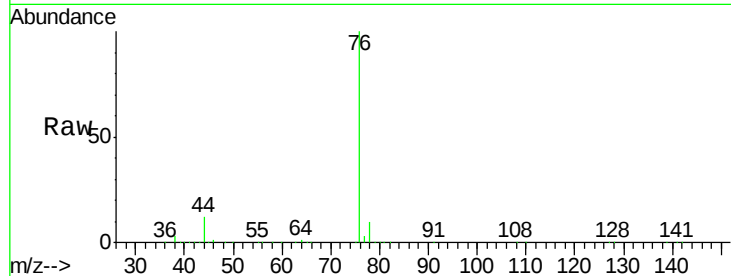
VSTDCCC050

Tot Ion: 76 Resp: 408046

Ion Ratio Lower Upper

76 100

78 10.1 6.9 10.3



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

250000

200000

150000

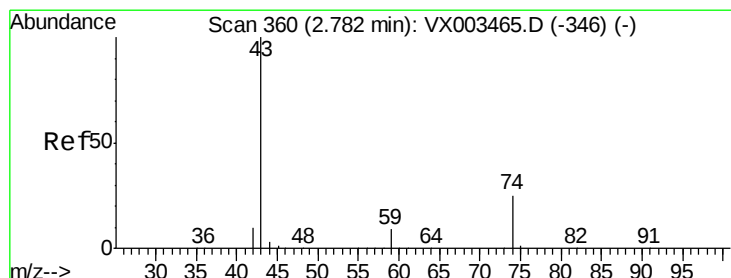
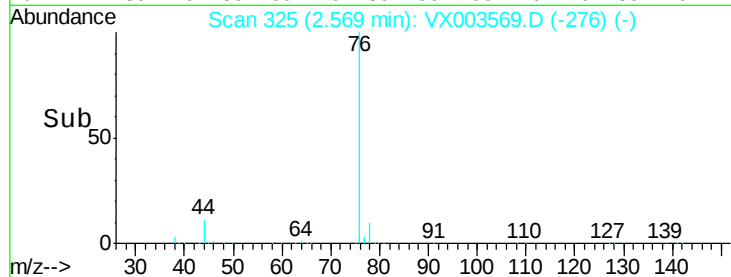
100000

50000

0

2.50 2.60 2.70

Time-->



#18

Methyl Acetate

Concen: 60.13 ug/l

RT: 2.78 min Scan# 359

Delta R.T. -0.01 min

Lab File: VX003569.D

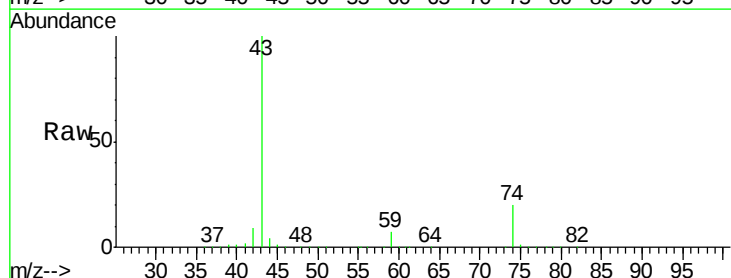
Acq: 21 Jul 2018 21:58

Tgt Ion: 43 Resp: 243494

Ion Ratio Lower Upper

43 100

74 24.2 16.7 25.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

150000

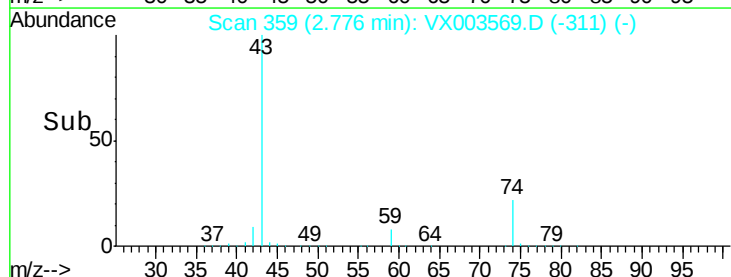
100000

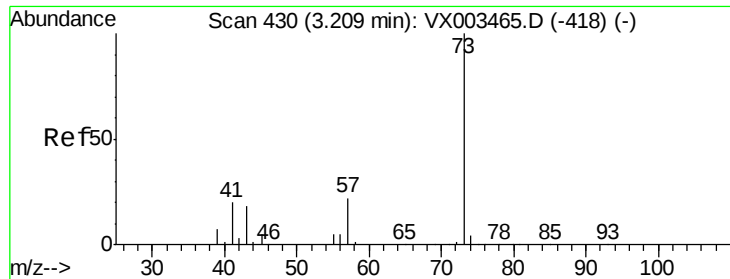
50000

0

2.60 2.70 2.80 2.90

Time-->

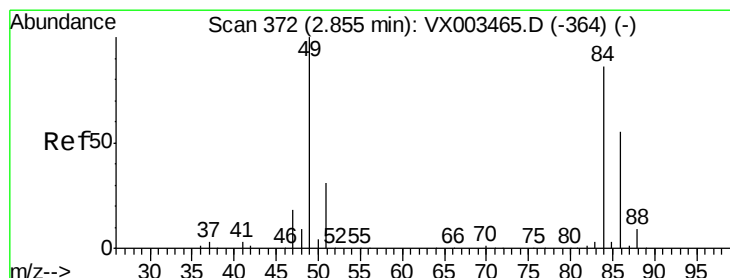
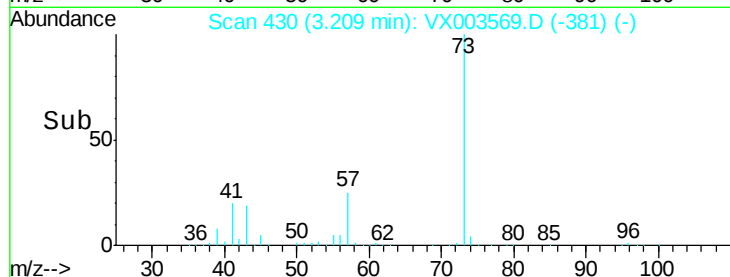
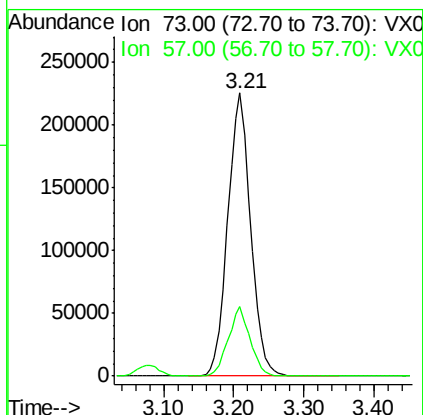
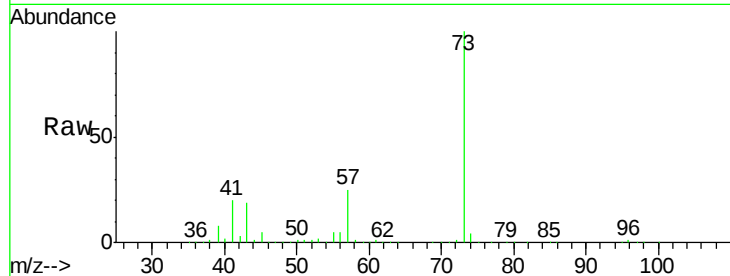




#19
Methvl tert-butvl Ether
Concen: 53.36 ug/l
RT: 3.21 min Scan# 430
Delta R.T. 0.00 min
Lab File: VX003569.D
Acq: 21 Jul 2018 21:58

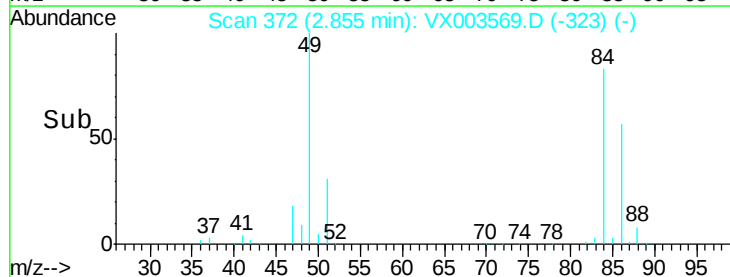
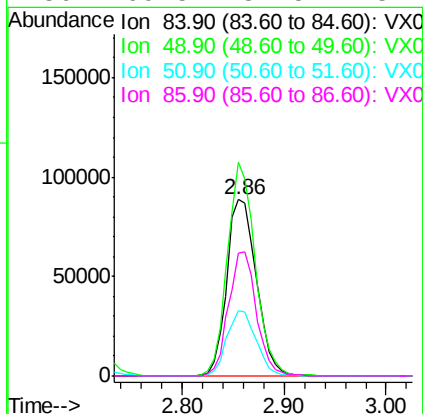
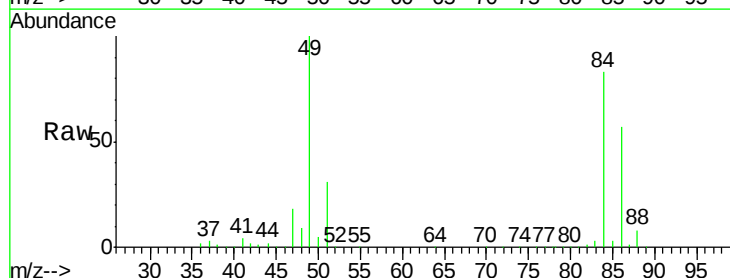
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

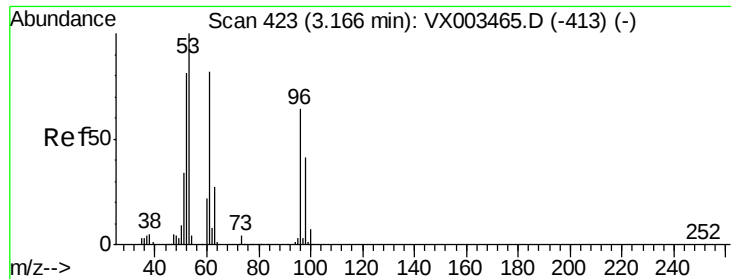
Tot Ion: 73 Resp: 511286
Ion Ratio Lower Upper
73 100
57 24.6 17.7 26.5



#20
Methylene Chloride
Concen: 56.94 ug/l
RT: 2.86 min Scan# 372
Delta R.T. 0.00 min
Lab File: VX003569.D
Acq: 21 Jul 2018 21:58

Tgt Ion: 84 Resp: 178444
Ion Ratio Lower Upper
84 100
49 121.1 107.8 161.6
51 37.1 32.8 49.2
86 69.5 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 51.62 ug/l

RT: 3.16 min Scan# 422

Delta R.T. -0.01 min

Lab File: VX003569.D

Acq: 21 Jul 2018 21:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

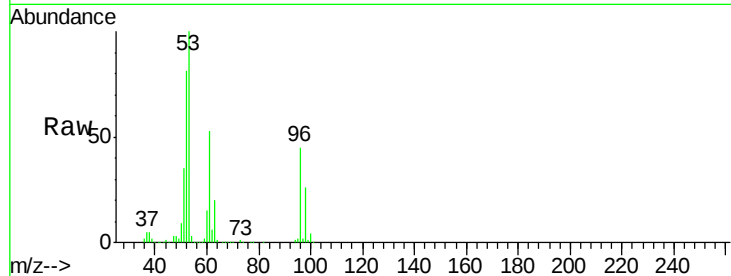
Tot Ion: 96 Resp: 168539

Ion Ratio Lower Upper

96 100

61 117.1 117.0 175.4

98 56.2 52.4 78.6

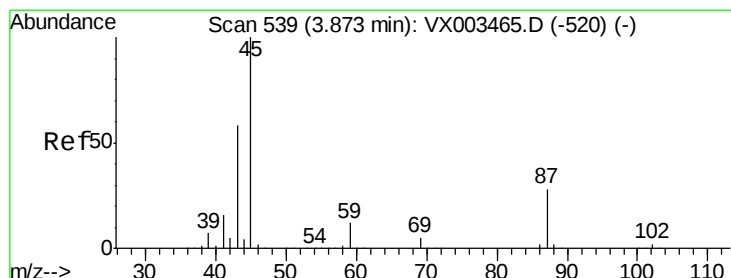
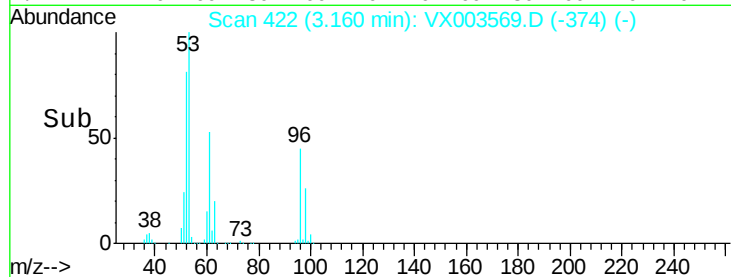
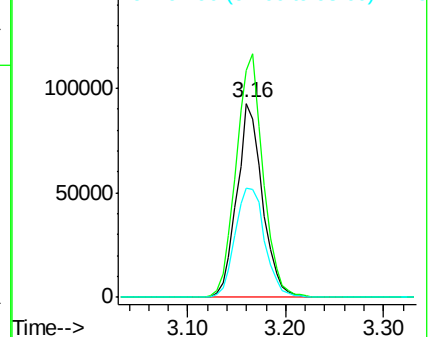


Abundance

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: 58.89 ug/l

RT: 3.87 min Scan# 538

Delta R.T. -0.01 min

Lab File: VX003569.D

Acq: 21 Jul 2018 21:58

Tgt Ion: 45 Resp: 575600

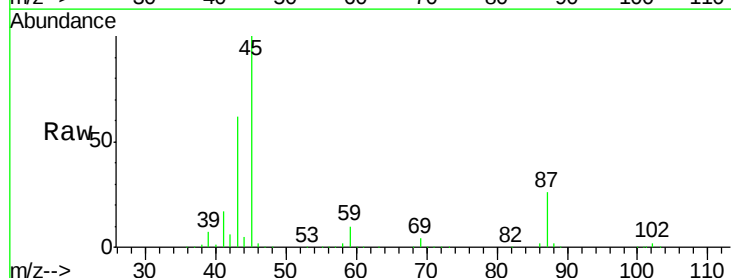
Ion Ratio Lower Upper

45 100

43 62.1 46.8 70.2

87 25.6 20.2 30.4

59 10.3 8.7 13.1



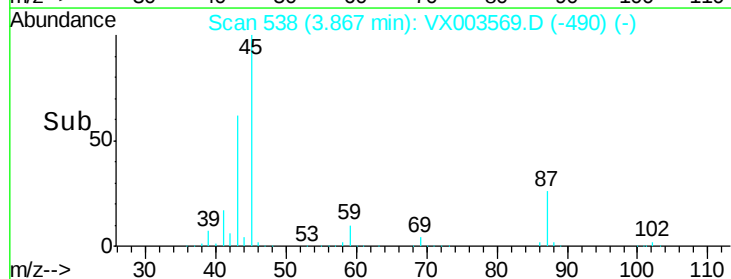
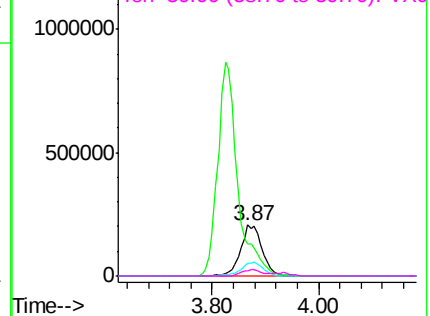
Abundance

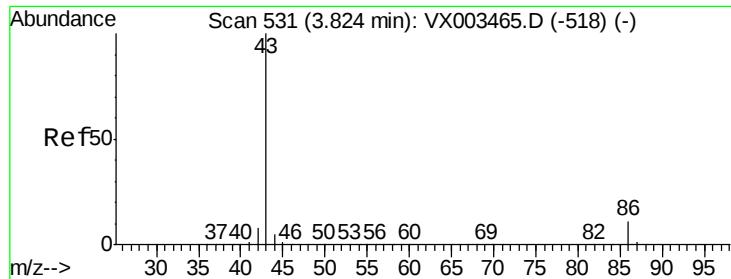
Ion 45.00 (44.70 to 45.70): VX0

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: 281.13 ug/l

RT: 3.82 min Scan# 531

Delta R.T. 0.00 min

Lab File: VX003569.D

Acq: 21 Jul 2018 21:58

Instrument :

MSVOA_X

ClientSampleId :

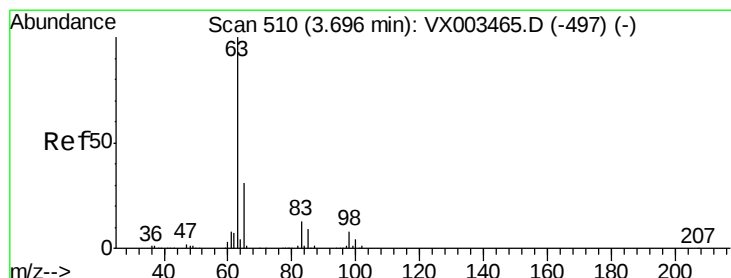
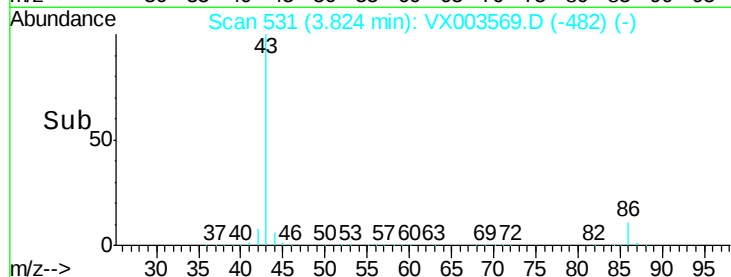
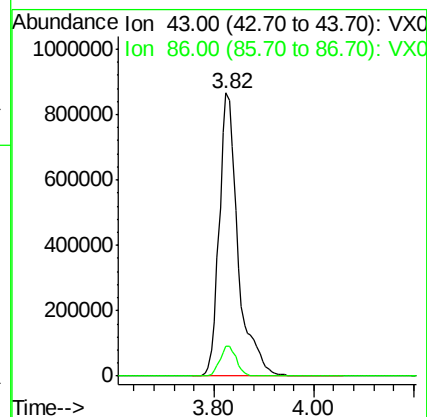
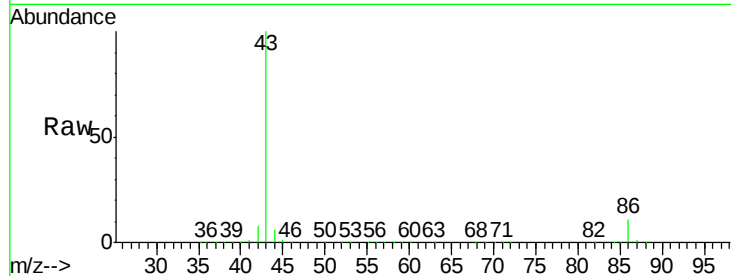
VSTDCCC050

Tot Ion: 43 Resp: 2263338

Ion Ratio Lower Upper

43 100

86 10.7 7.4 11.0



#24

1,1-Dichloroethane

Concen: 56.08 ug/l

RT: 3.70 min Scan# 510

Delta R.T. 0.00 min

Lab File: VX003569.D

Acq: 21 Jul 2018 21:58

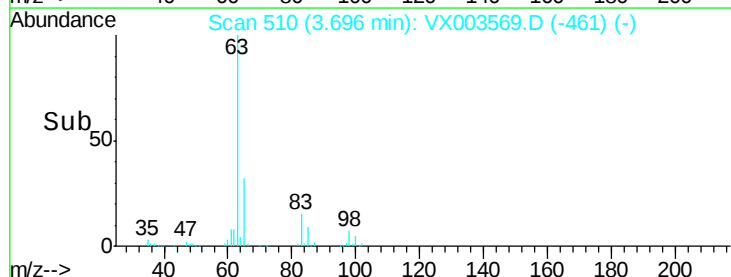
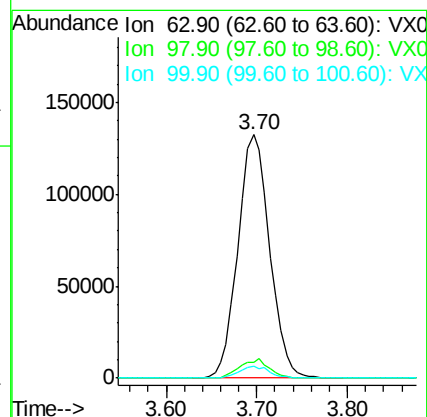
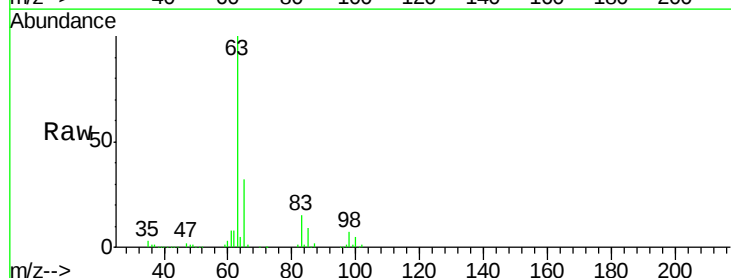
Tgt Ion: 63 Resp: 321579

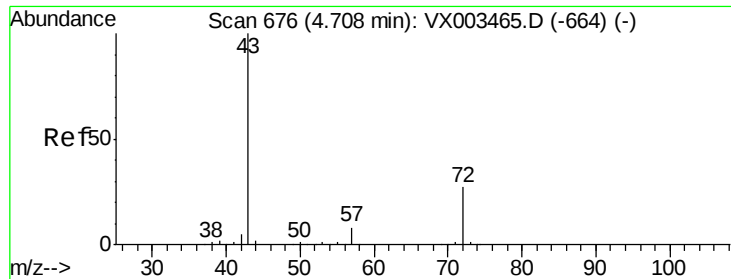
Ion Ratio Lower Upper

63 100

98 6.7 3.4 10.2

100 4.8 2.0 6.0





#25

2-Butanone

Concen: 290.27 ug/l

RT: 4.71 min Scan# 676

Delta R.T. 0.00 min

Lab File: VX003569.D

Acq: 21 Jul 2018 21:58

Instrument :

MSVOA_X

ClientSampleId :

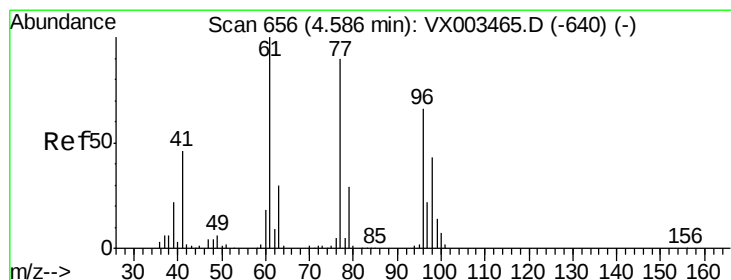
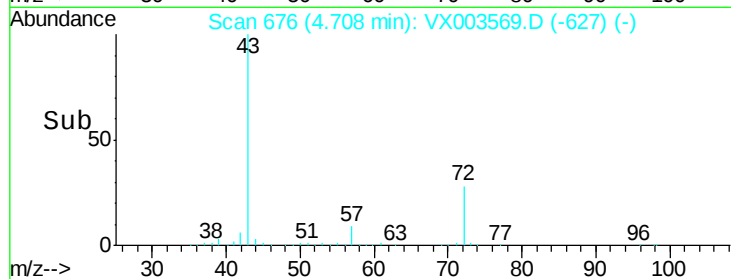
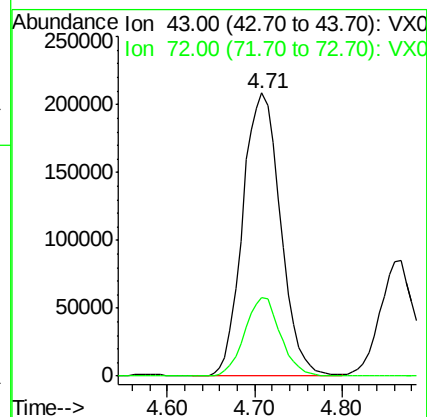
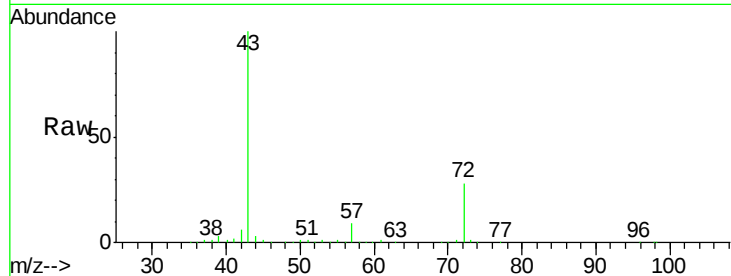
VSTDCCC050

Tot Ion: 43 Resp: 625580

Ion Ratio Lower Upper

43 100

72 27.8 18.5 27.7#



#26

2,2-Dichloropropane

Concen: 49.47 ug/l

RT: 4.59 min Scan# 656

Delta R.T. 0.00 min

Lab File: VX003569.D

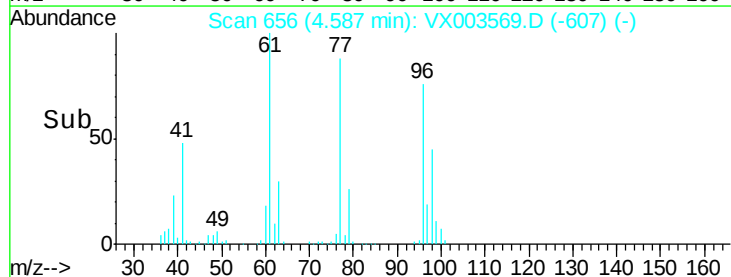
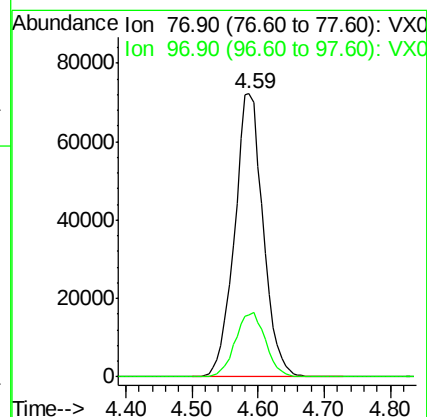
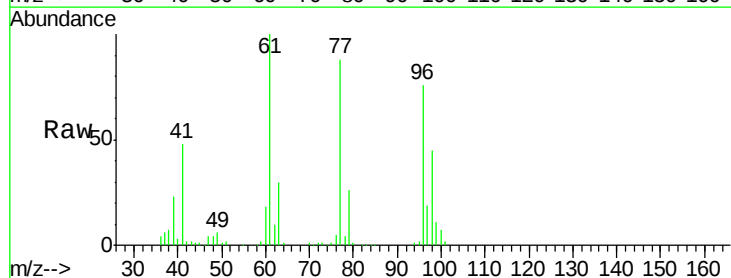
Acq: 21 Jul 2018 21:58

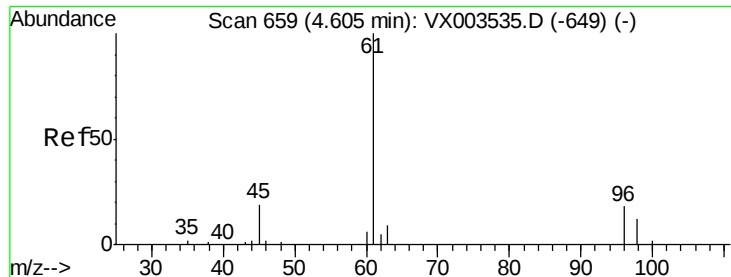
Tgt Ion: 77 Resp: 215462

Ion Ratio Lower Upper

77 100

97 24.2 11.2 33.5



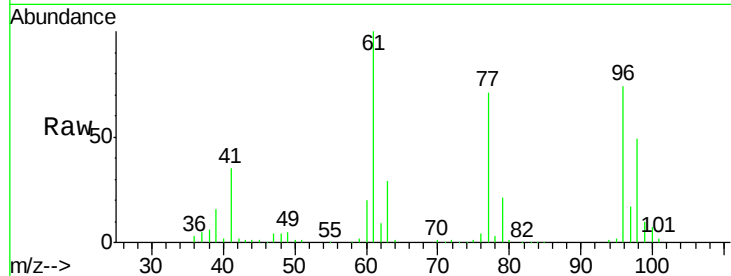


#27

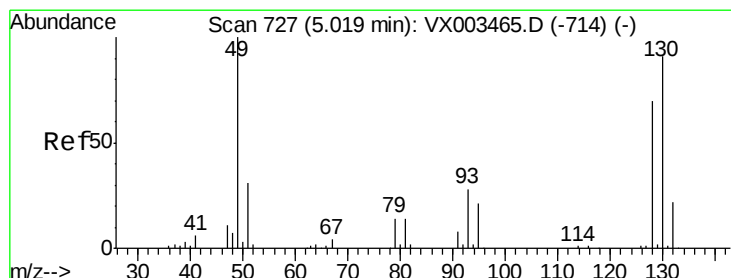
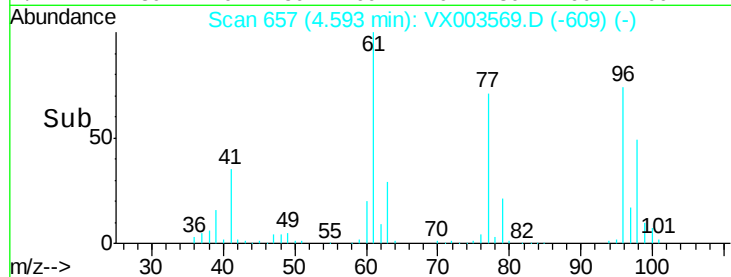
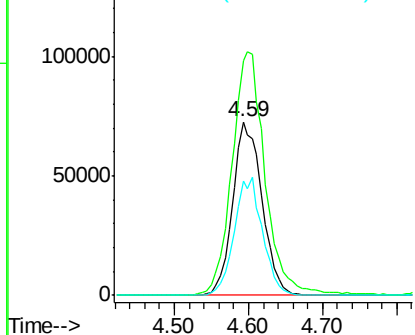
cis-1,2-Dichloroethene
Concen: 55.17 ug/l
RT: 4.59 min Scan# 657
Delta R.T. -0.01 min
Lab File: VX003569.D
Acq: 21 Jul 2018 21:58

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion: 96 Resp: 200550
Ion Ratio Lower Upper
96 100
61 158.3 0.0 330.2
98 65.6 0.0 130.2



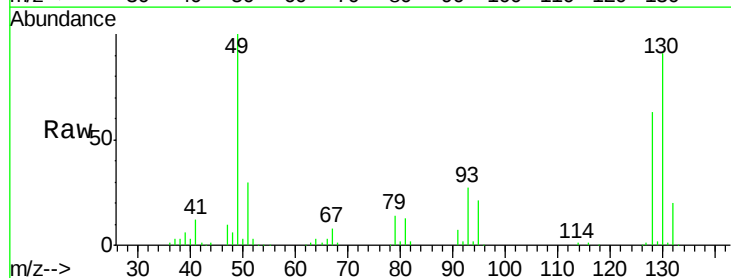
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



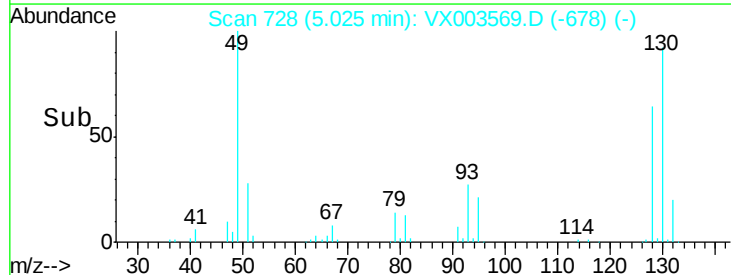
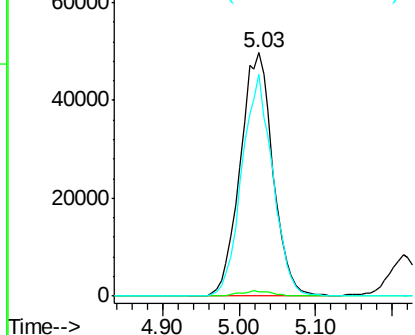
#28

Bromochloromethane
Concen: 59.08 ug/l
RT: 5.03 min Scan# 728
Delta R.T. 0.01 min
Lab File: VX003569.D
Acq: 21 Jul 2018 21:58

Tgt Ion: 49 Resp: 148075
Ion Ratio Lower Upper
49 100
129 2.1 0.0 4.2
130 85.7 61.2 91.8



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





#29

Tetrahydrofuran

Concen: 284.07 ug/l

RT: 5.16 min Scan# 750

Delta R.T. -0.01 min

Lab File: VX003569.D

Acq: 21 Jul 2018 21:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

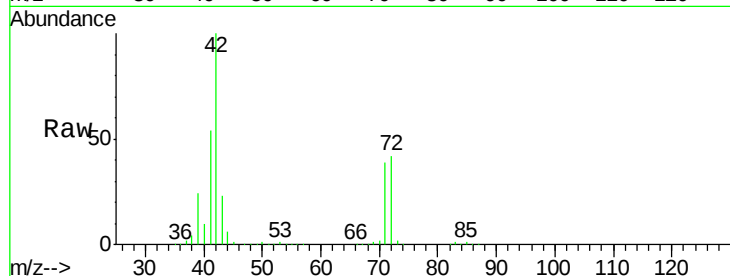
Tot Ion: 42 Resp: 404428

Ion Ratio Lower Upper

42 100

72 45.2 32.0 48.0

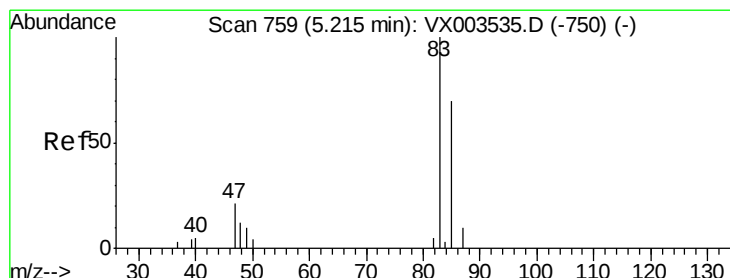
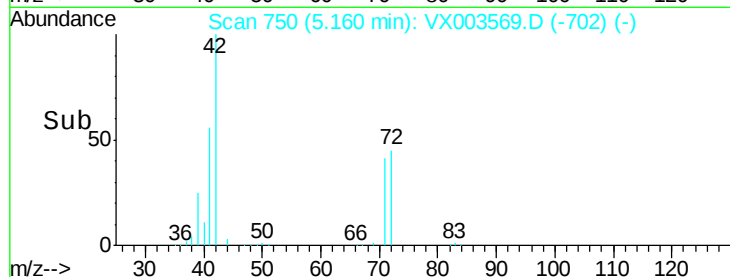
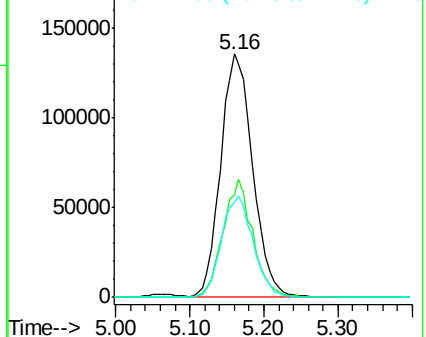
71 41.5 30.1 45.1



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 58.55 ug/l

RT: 5.21 min Scan# 759

Delta R.T. 0.00 min

Lab File: VX003569.D

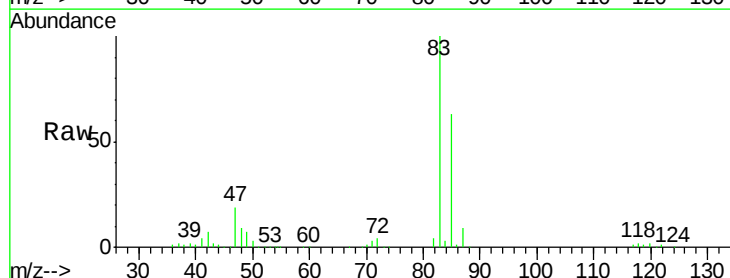
Acq: 21 Jul 2018 21:58

Tgt Ion: 83 Resp: 327857

Ion Ratio Lower Upper

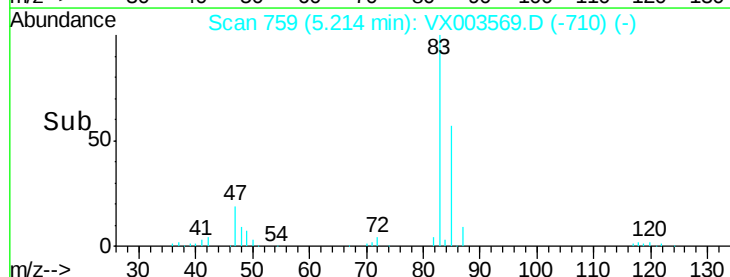
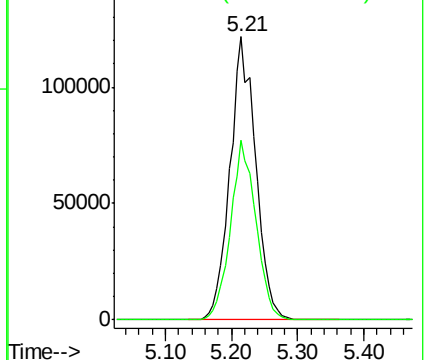
83 100

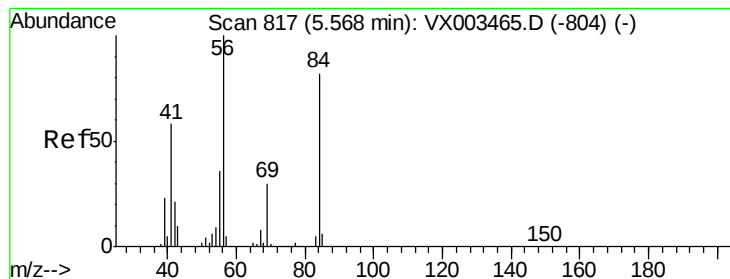
85 63.4 50.4 75.6



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 54.41 ug/l

RT: 5.58 min Scan# 819

Delta R.T. 0.01 min

Lab File: VX003569.D

Acq: 21 Jul 2018 21:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

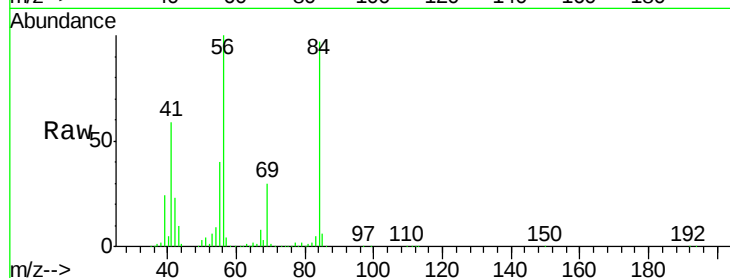
Tot Ion: 56 Resp: 278766

Ion Ratio Lower Upper

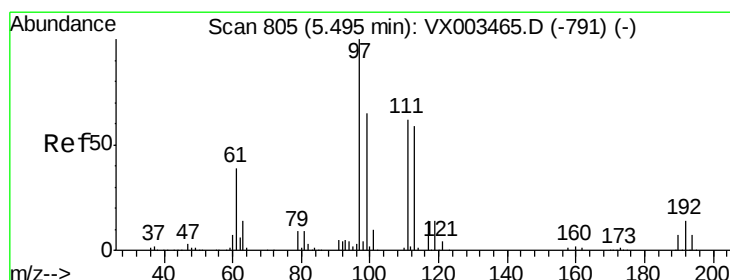
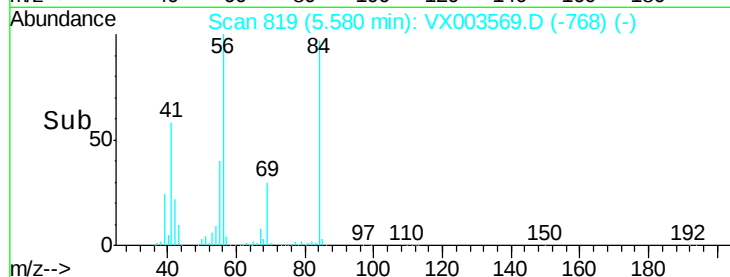
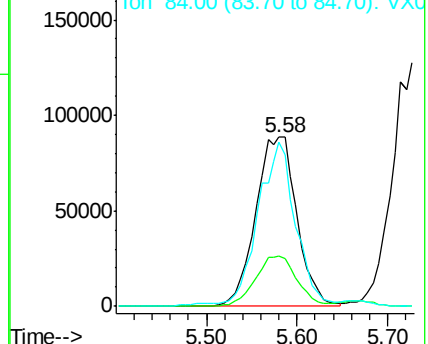
56 100

69 29.6 23.7 35.5

84 96.0 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: 57.54 ug/l

RT: 5.49 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX003569.D

Acq: 21 Jul 2018 21:58

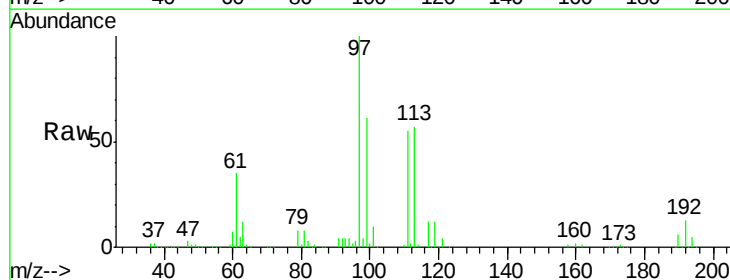
Tgt Ion: 97 Resp: 275905

Ion Ratio Lower Upper

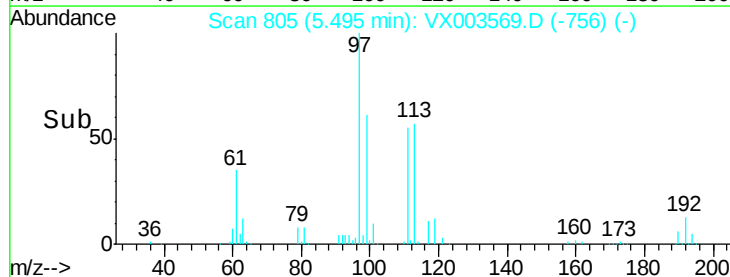
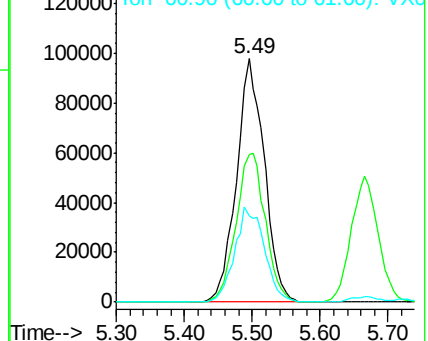
97 100

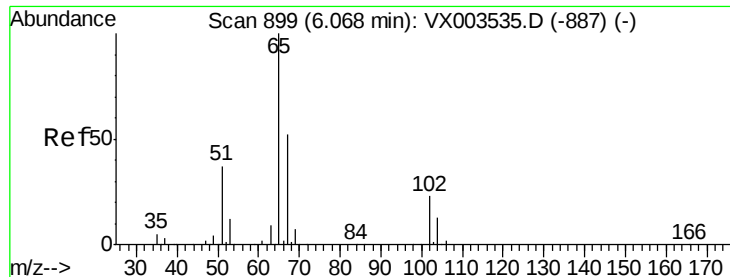
99 64.5 51.6 77.4

61 41.8 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: 54.36 ug/l

RT: 6.07 min Scan# 899

Delta R.T. 0.00 min

Lab File: VX003569.D

Acq: 21 Jul 2018 21:58

Instrument :

MSVOA_X

ClientSampleId :

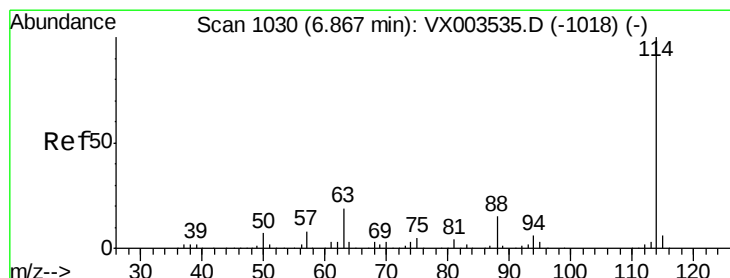
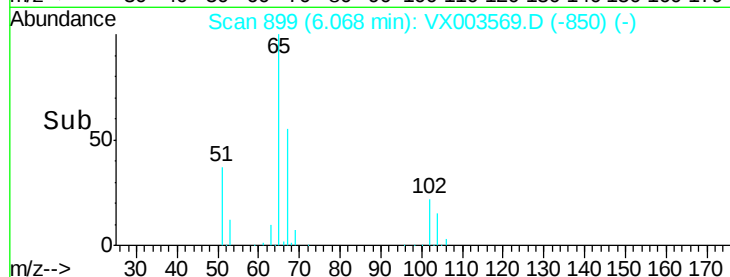
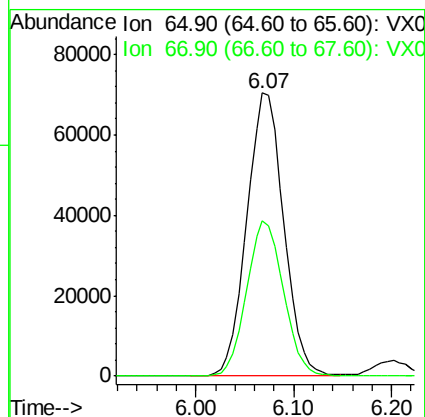
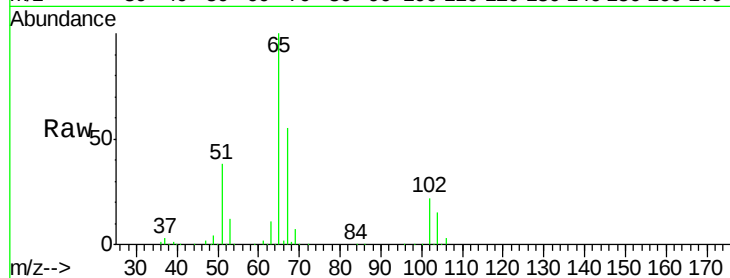
VSTDCCC050

Tot Ion: 65 Resp: 184850

Ion Ratio Lower Upper

65 100

67 54.7 0.0 102.6



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VX003569.D

Acq: 21 Jul 2018 21:58

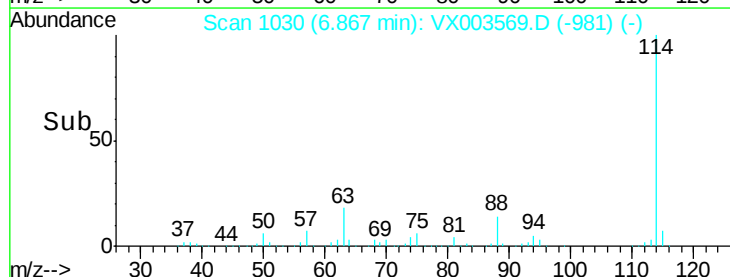
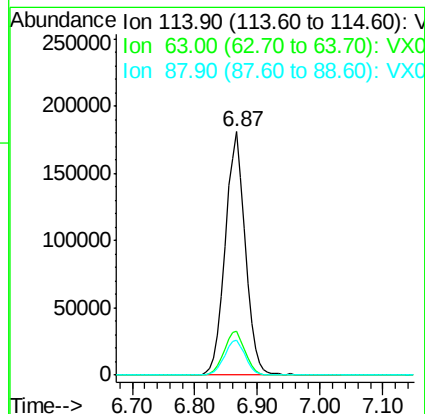
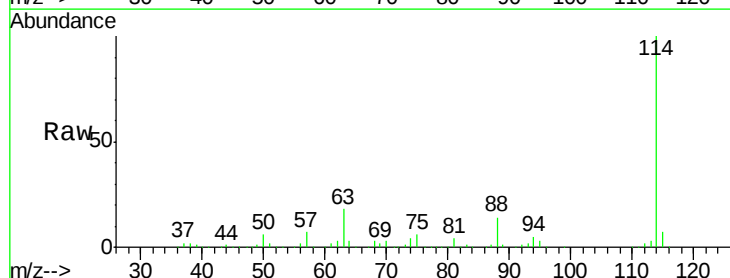
Tgt Ion: 114 Resp: 401017

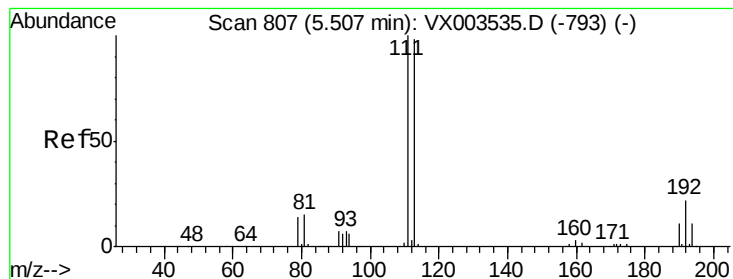
Ion Ratio Lower Upper

114 100

63 18.1 0.0 41.4

88 14.3 0.0 30.0





#35

Dibromofluoromethane

Concen: 57.80 ug/l

RT: 5.51 min Scan# 807

Delta R.T. 0.00 min

Lab File: VX003569.D

Acq: 21 Jul 2018 21:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

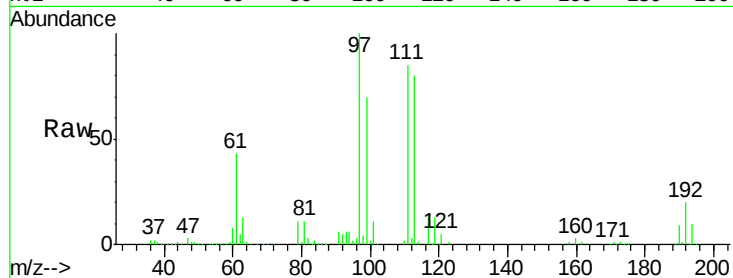
Tot Ion:113 Resp: 176534

Ion Ratio Lower Upper

113 100

111 105.0 81.4 122.0

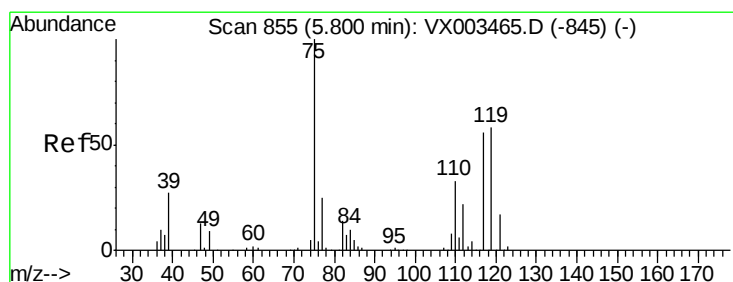
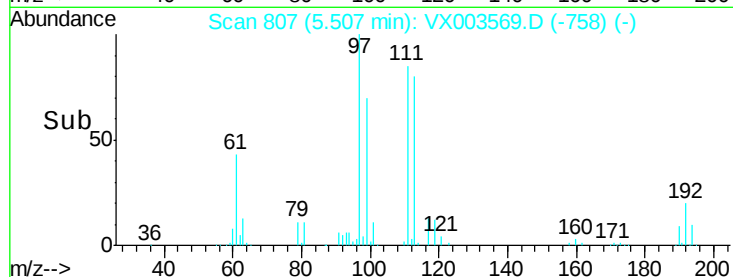
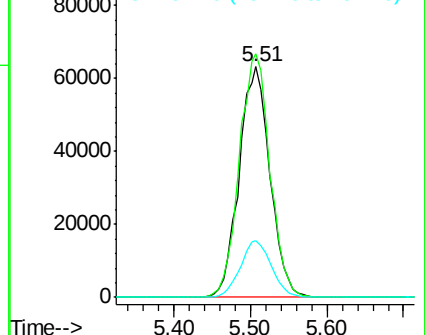
192 24.5 19.1 28.7



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: 52.08 ug/l

RT: 5.81 min Scan# 856

Delta R.T. 0.01 min

Lab File: VX003569.D

Acq: 21 Jul 2018 21:58

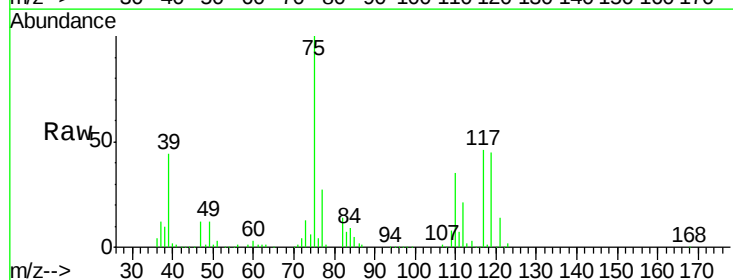
Tgt Ion: 75 Resp: 225475

Ion Ratio Lower Upper

75 100

110 37.7 18.1 54.4

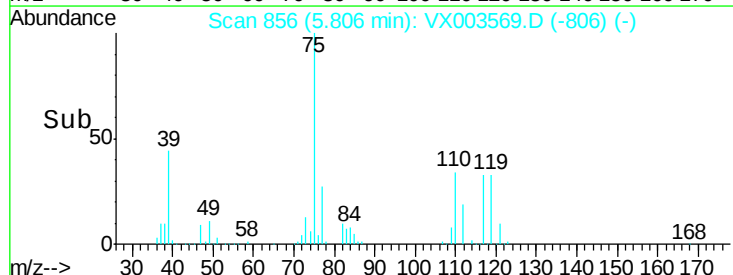
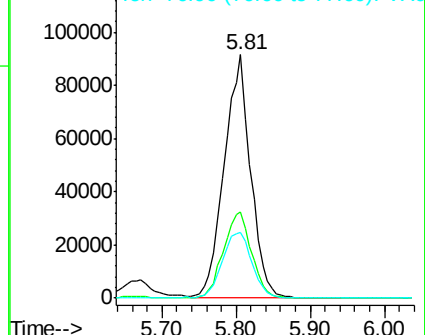
77 30.6 24.3 36.5

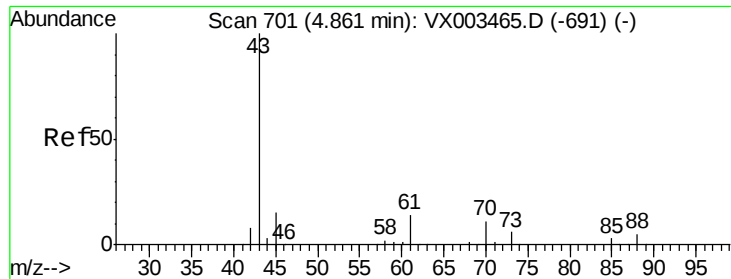


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

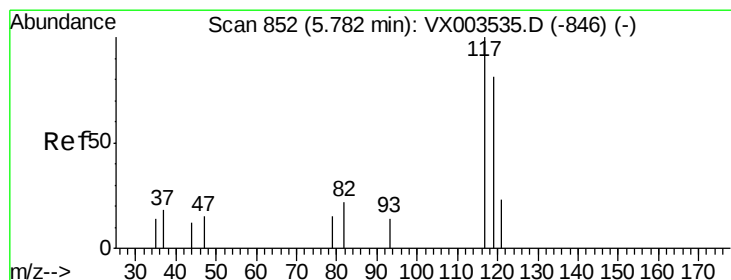
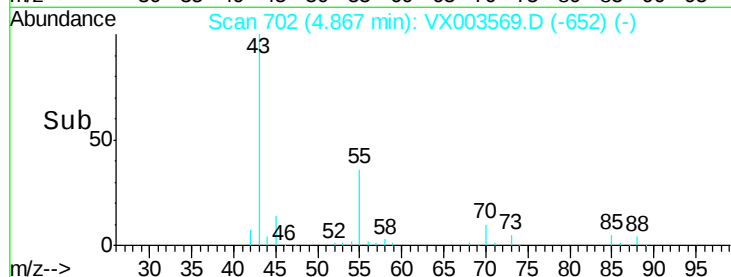
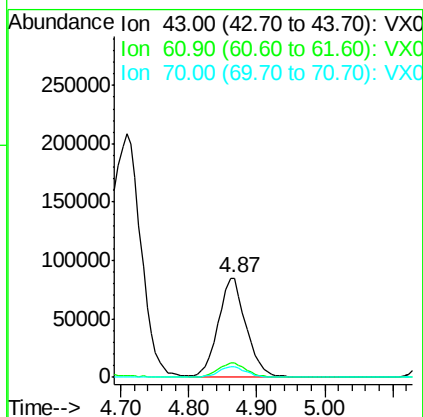
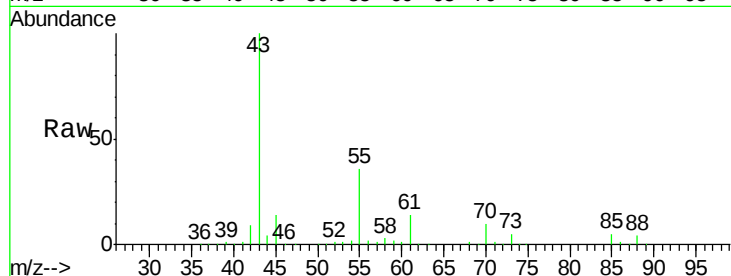




#37
Ethyl Acetate
Concen: 58.74 ug/l
RT: 4.87 min Scan# 702
Delta R.T. 0.01 min
Lab File: VX003569.D
Acq: 21 Jul 2018 21:58

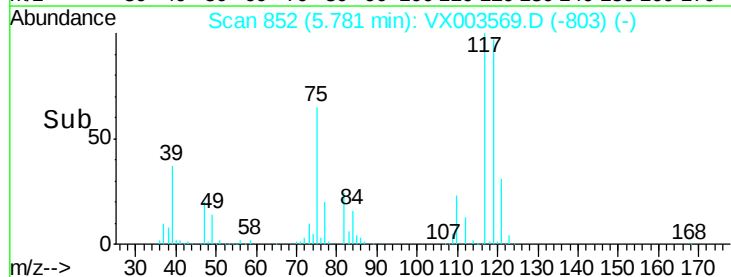
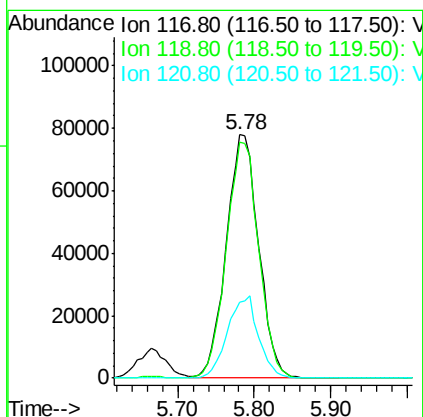
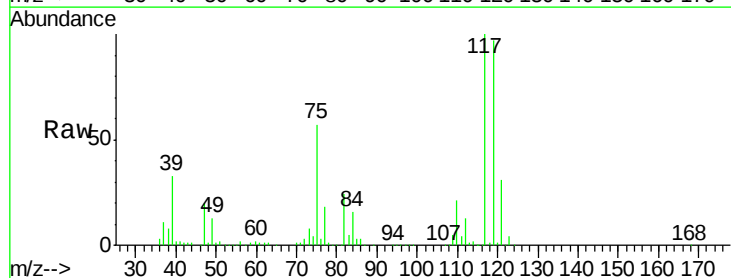
Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

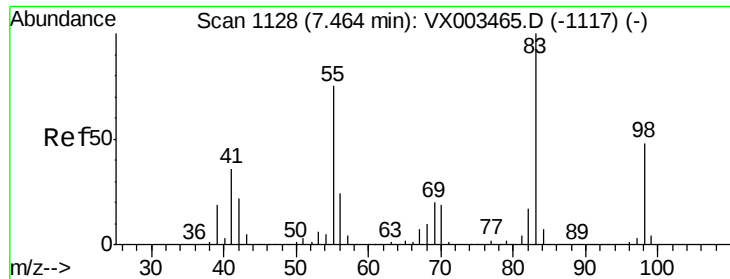
Tot Ion: 43 Resp: 240653
Ion Ratio Lower Upper
43 100
61 14.5 10.4 15.6
70 11.0 7.6 11.4



#38
Carbon Tetrachloride
Concen: 53.80 ug/l
RT: 5.78 min Scan# 852
Delta R.T. 0.00 min
Lab File: VX003569.D
Acq: 21 Jul 2018 21:58

Tgt Ion: 117 Resp: 228491
Ion Ratio Lower Upper
117 100
119 96.8 77.4 116.0
121 31.1 24.4 36.6

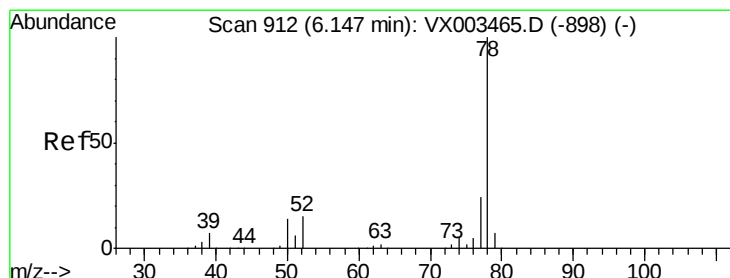
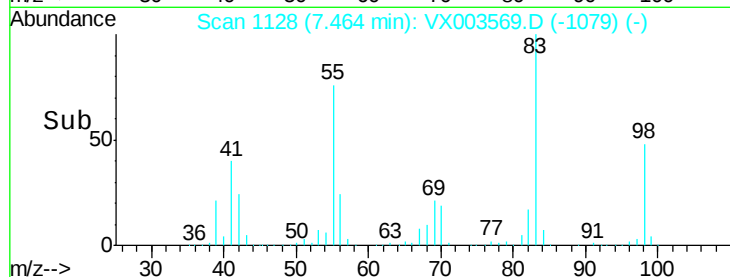
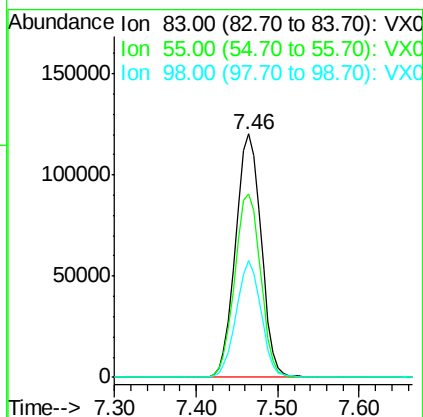
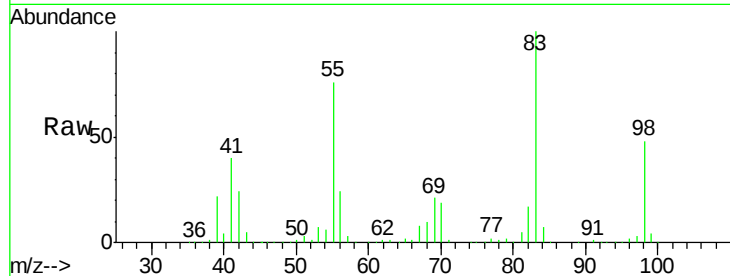




#39
Methvlcvclohexane
Concen: 50.65 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VX003569.D
Acq: 21 Jul 2018 21:58

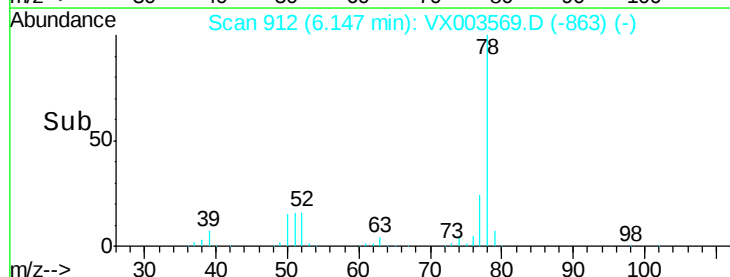
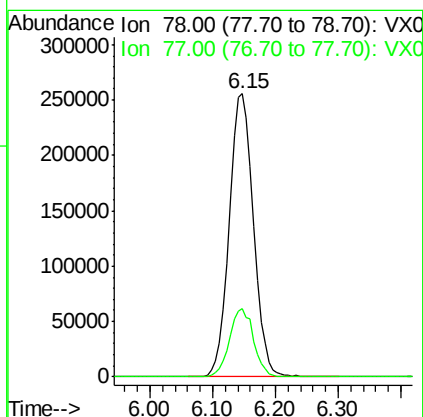
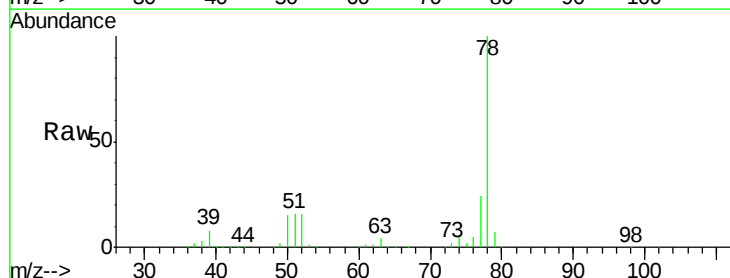
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

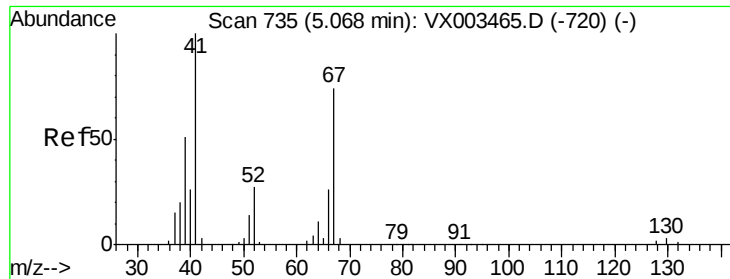
Tot Ion: 83 Resp: 259736
Ion Ratio Lower Upper
83 100
55 75.6 65.4 98.0
98 47.8 37.4 56.0



#40
Benzene
Concen: 52.19 ug/l
RT: 6.15 min Scan# 912
Delta R.T. 0.00 min
Lab File: VX003569.D
Acq: 21 Jul 2018 21:58

Tgt Ion: 78 Resp: 682239
Ion Ratio Lower Upper
78 100
77 24.3 19.1 28.7

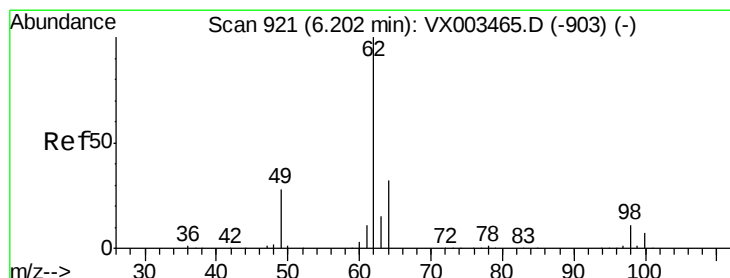
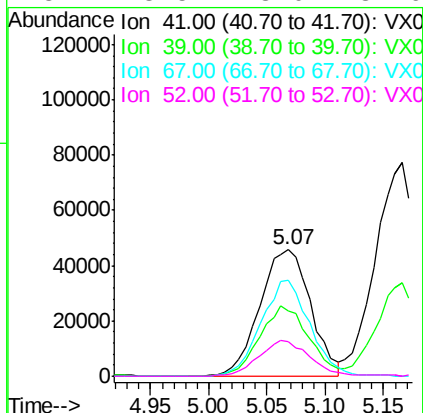
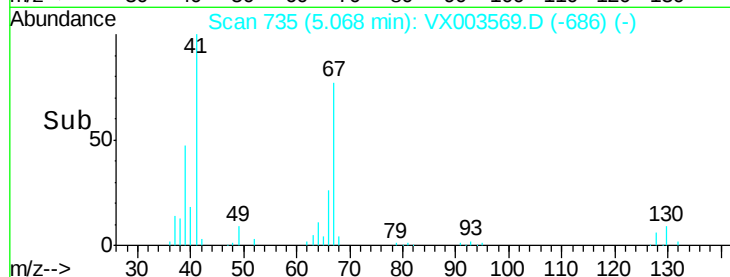
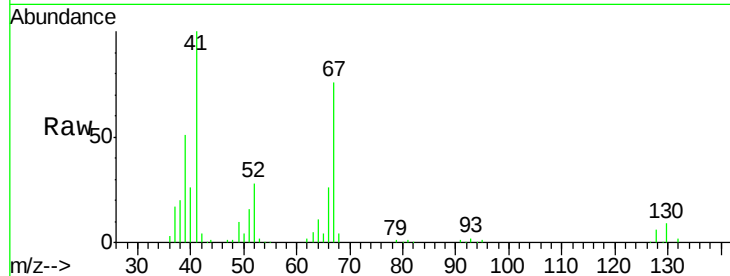




#41
Methacrylonitrile
Concen: 57.32 ug/l
RT: 5.07 min Scan# 735
Delta R.T. 0.00 min
Lab File: VX003569.D
Acq: 21 Jul 2018 21:58

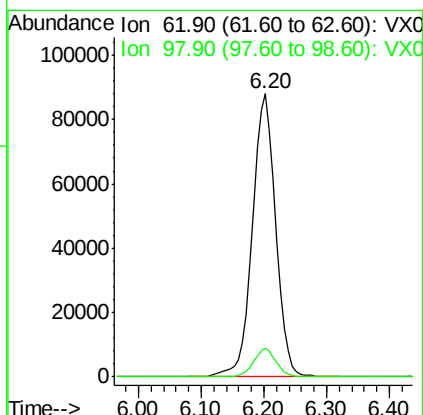
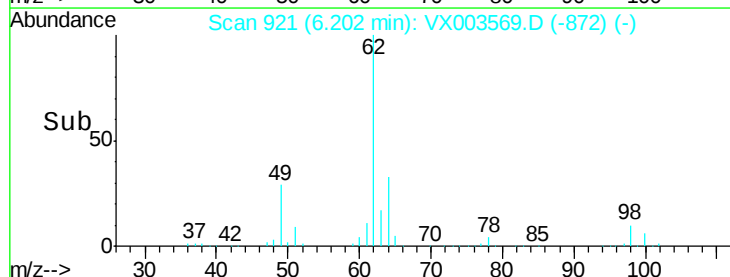
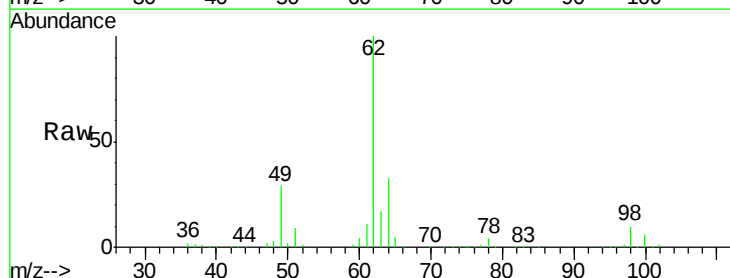
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 41 Resp: 138034
Ion Ratio Lower Upper
41 100
39 54.4 45.8 68.6
67 72.9 51.3 76.9
52 28.5 23.0 34.6



#42
1,2-Dichloroethane
Concen: 54.99 ug/l
RT: 6.20 min Scan# 921
Delta R.T. 0.00 min
Lab File: VX003569.D
Acq: 21 Jul 2018 21:58

Tgt Ion: 62 Resp: 226501
Ion Ratio Lower Upper
62 100
98 9.7 0.0 16.6



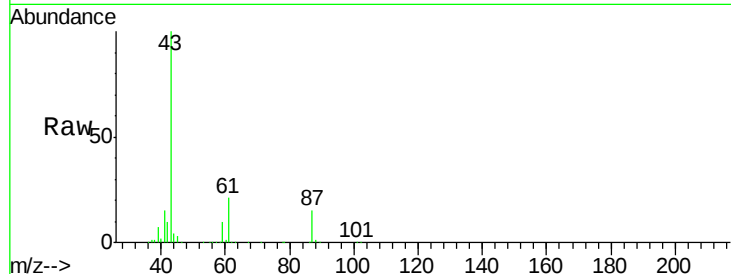


#43

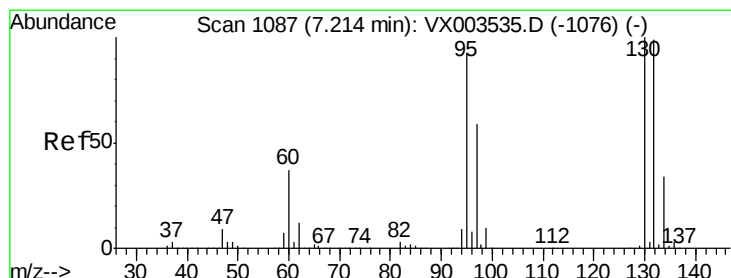
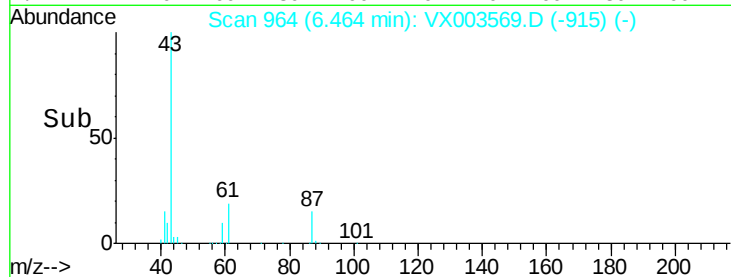
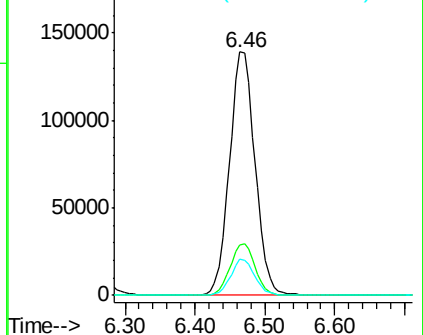
Isopropyl Acetate
 Concen: 54.13 ug/l
 RT: 6.46 min Scan# 964
 Delta R.T. 0.00 min
 Lab File: VX003569.D
 Acq: 21 Jul 2018 21:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion: 43 Resp: 352779
 Ion Ratio Lower Upper
 43 100
 61 20.9 14.4 21.6
 87 14.0 9.5 14.3



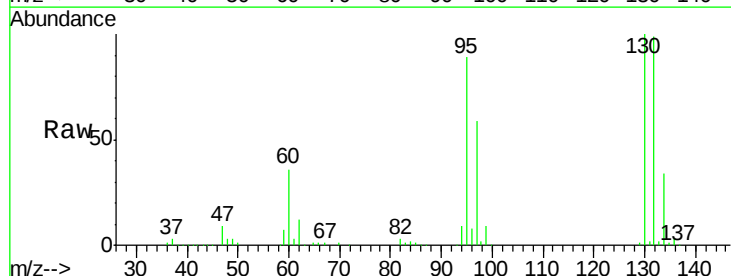
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



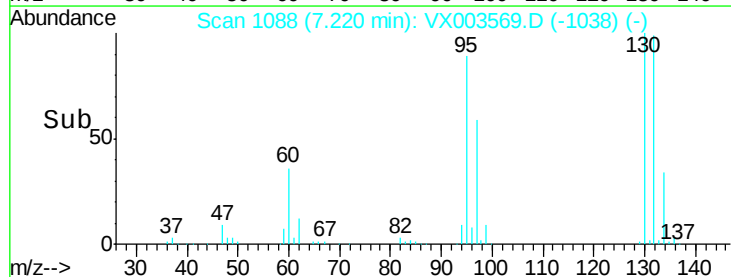
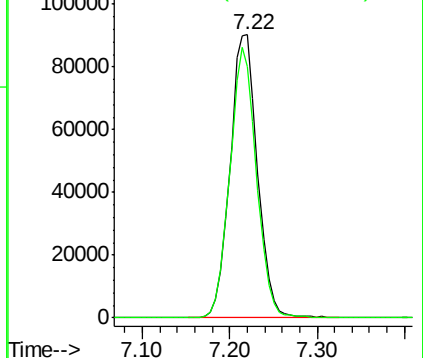
#44

Trichloroethene
 Concen: 50.57 ug/l
 RT: 7.22 min Scan# 1088
 Delta R.T. 0.01 min
 Lab File: VX003569.D
 Acq: 21 Jul 2018 21:58

Tgt Ion: 130 Resp: 197150
 Ion Ratio Lower Upper
 130 100
 95 88.8 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: 54.02 ug/l

RT: 7.52 min Scan# 1137

Delta R.T. 0.00 min

Lab File: VX003569.D

Acq: 21 Jul 2018 21:58

Instrument :

MSVOA_X

ClientSampleId :

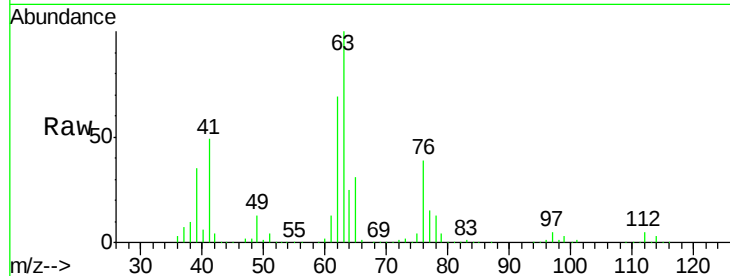
VSTDCCC050

Tot Ion: 63 Resp: 179313

Ion Ratio Lower Upper

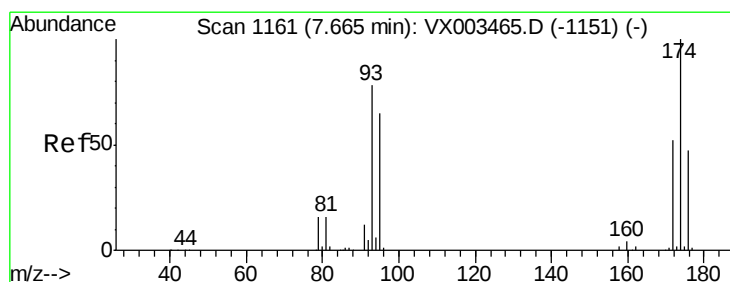
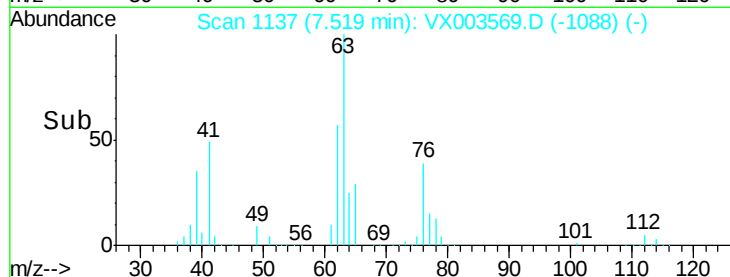
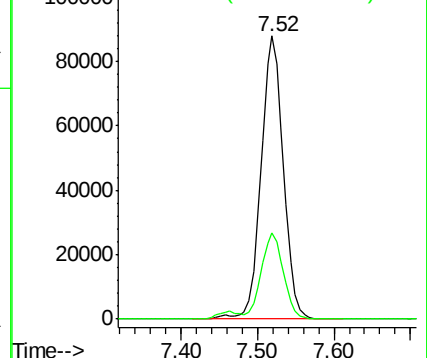
63 100

65 30.7 24.7 37.1



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 54.12 ug/l

RT: 7.67 min Scan# 1161

Delta R.T. 0.00 min

Lab File: VX003569.D

Acq: 21 Jul 2018 21:58

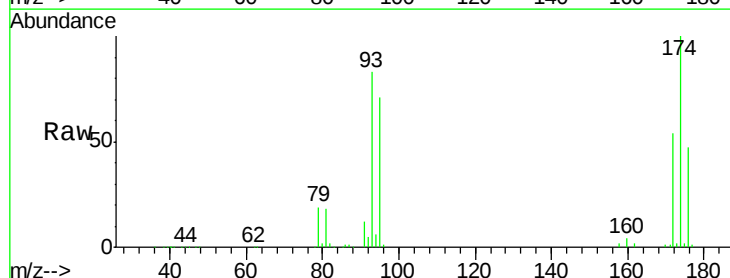
Tgt Ion: 93 Resp: 115654

Ion Ratio Lower Upper

93 100

95 83.5 65.9 98.9

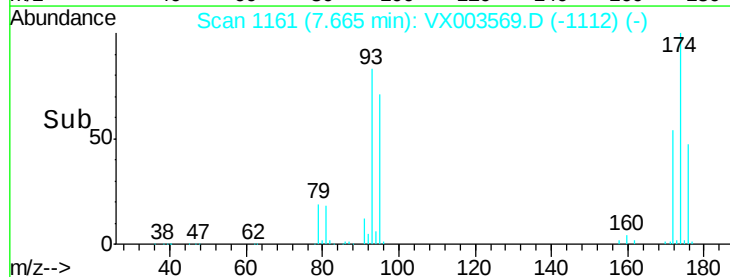
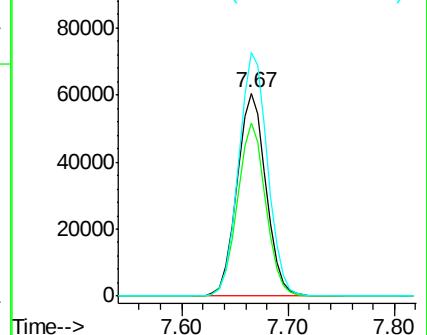
174 120.0 92.4 138.6



Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 55.91 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. 0.00 min

Lab File: VX003569.D

Acq: 21 Jul 2018 21:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

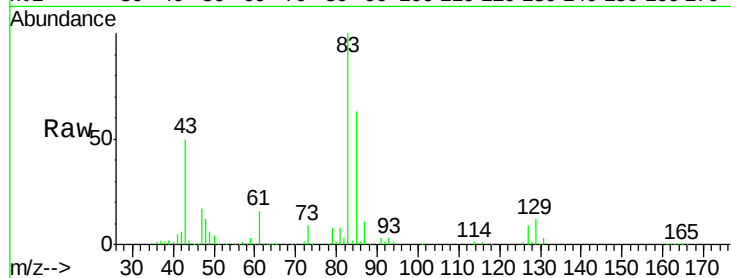
Tot Ion: 83 Resp: 218724

Ion Ratio Lower Upper

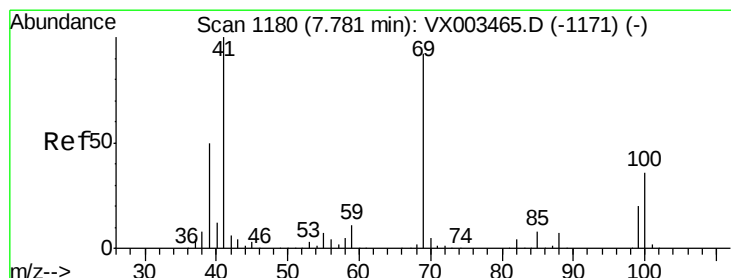
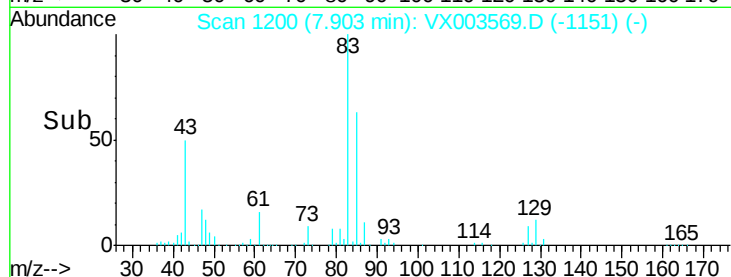
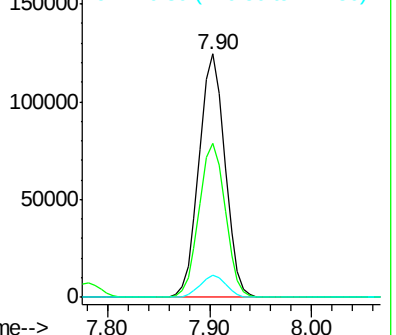
83 100

85 63.2 50.3 75.5

127 9.3 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: 56.17 ug/l

RT: 7.78 min Scan# 1180

Delta R.T. 0.00 min

Lab File: VX003569.D

Acq: 21 Jul 2018 21:58

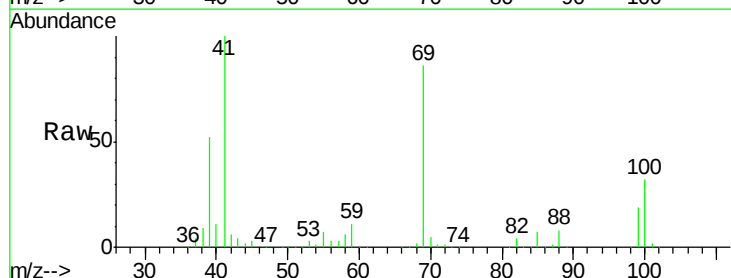
Tgt Ion: 41 Resp: 184610

Ion Ratio Lower Upper

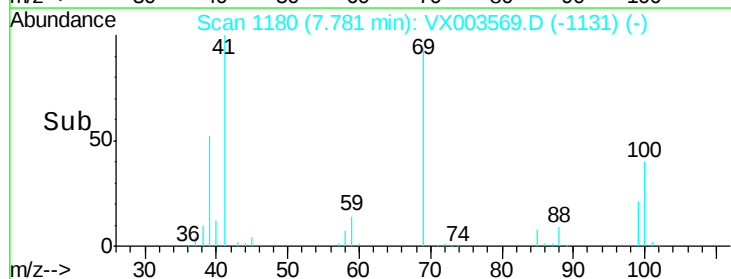
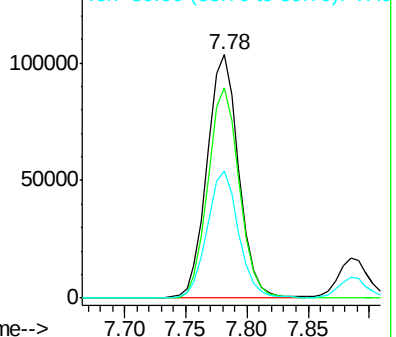
41 100

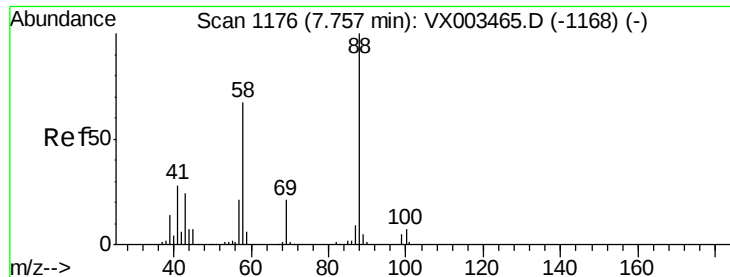
69 86.6 59.1 88.7

39 51.8 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

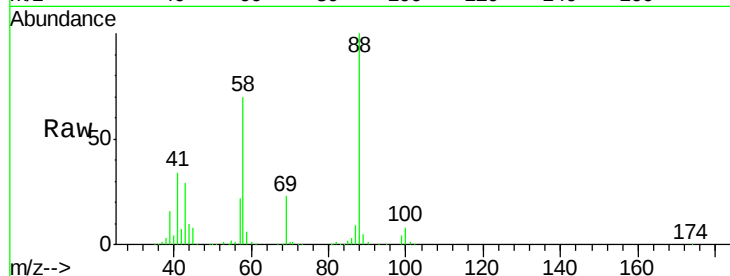




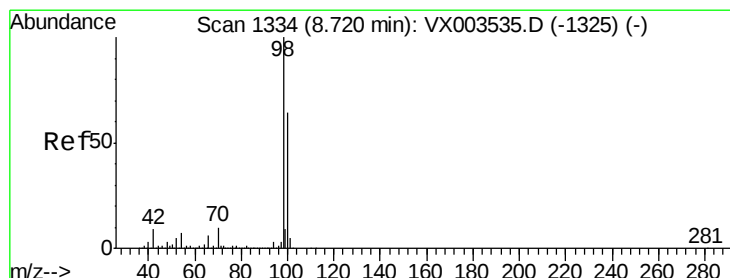
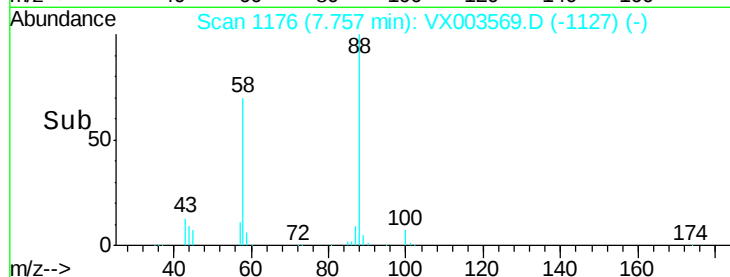
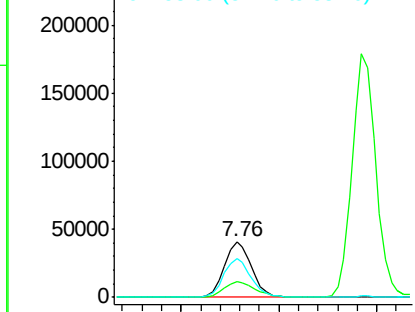
#49
 1,4-Dioxane
 Concen: 1052.91 ug/l
 RT: 7.76 min Scan# 1176
 Delta R.T. 0.00 min
 Lab File: VX003569.D
 Acq: 21 Jul 2018 21:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion: 88 Resp: 78409
 Ion Ratio Lower Upper
 88 100
 43 31.9 29.8 44.6
 58 71.4 57.1 85.7

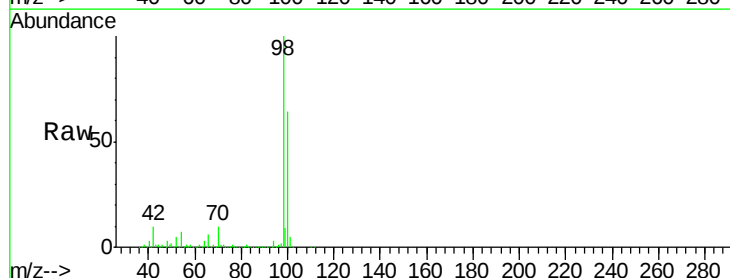


Abundance Ion 88.00 (87.70 to 88.70): VX0
 Ion 43.00 (42.70 to 43.70): VX0
 Ion 58.00 (57.70 to 58.70): VX0

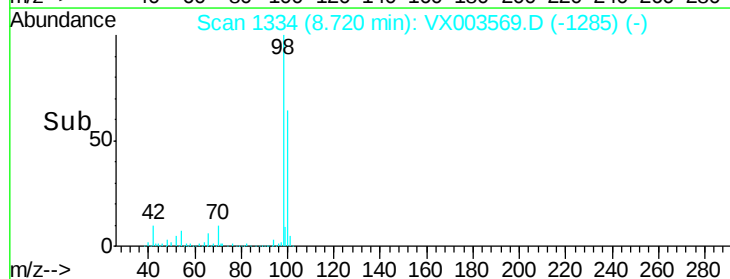
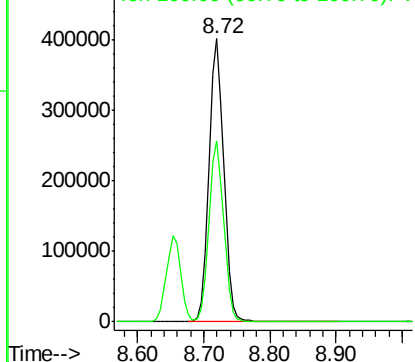


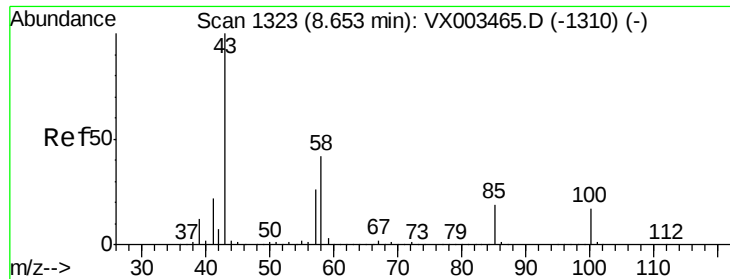
#50
 Toluene-d8
 Concen: 54.57 ug/l
 RT: 8.72 min Scan# 1334
 Delta R.T. 0.00 min
 Lab File: VX003569.D
 Acq: 21 Jul 2018 21:58

Tgt Ion: 98 Resp: 626462
 Ion Ratio Lower Upper
 98 100
 100 64.1 50.9 76.3



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

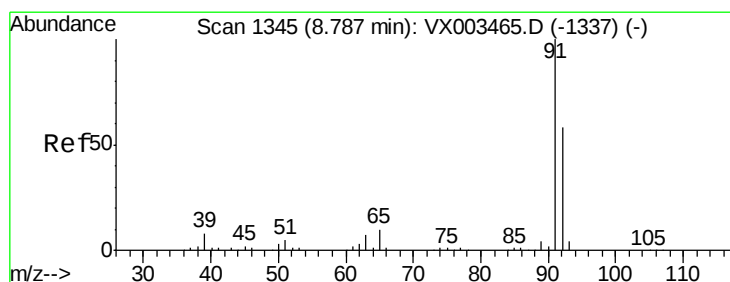
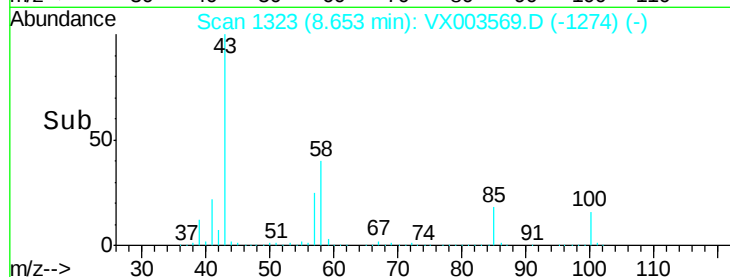
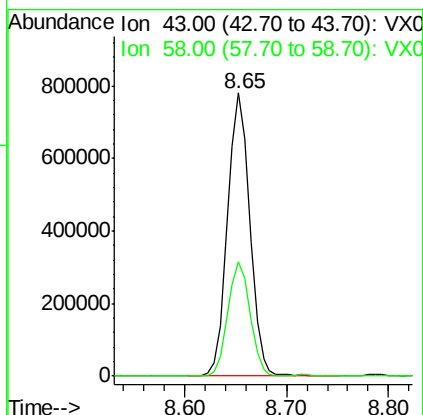
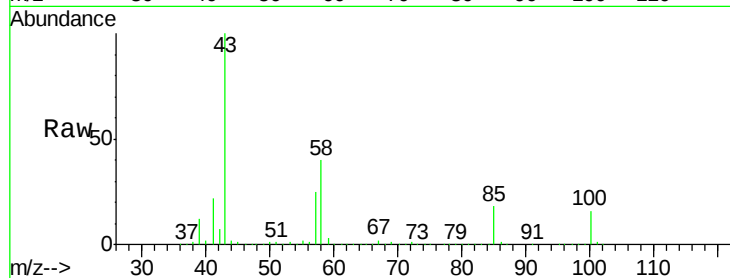




#51
4-Methyl-2-Pentanone
Concen: 286.38 ug/l
RT: 8.65 min Scan# 1323
Delta R.T. 0.00 min
Lab File: VX003569.D
Acq: 21 Jul 2018 21:58

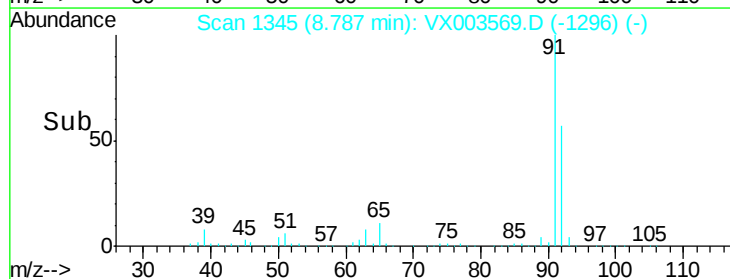
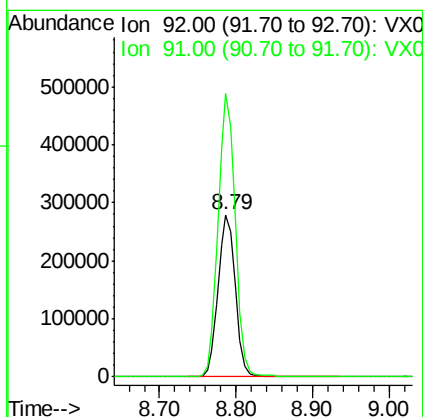
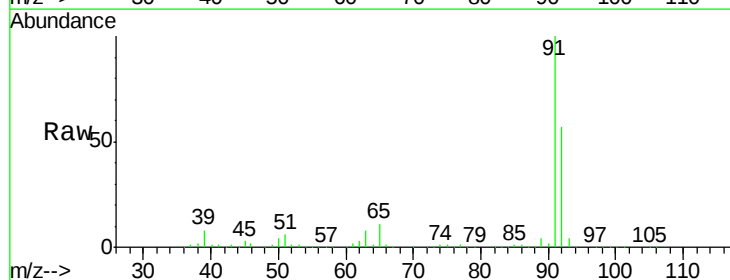
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 1179138
Ion Ratio Lower Upper
43 100
58 40.1 28.6 42.8



#52
Toluene
Concen: 52.95 ug/l
RT: 8.79 min Scan# 1345
Delta R.T. 0.00 min
Lab File: VX003569.D
Acq: 21 Jul 2018 21:58

Tgt Ion: 92 Resp: 435698
Ion Ratio Lower Upper
92 100
91 174.3 140.4 210.6





#53

t-1,3-Dichloropropene

Concen: 54.27 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. 0.00 min

Lab File: VX003569.D

Acq: 21 Jul 2018 21:58

Instrument :

MSVOA_X

ClientSampleId :

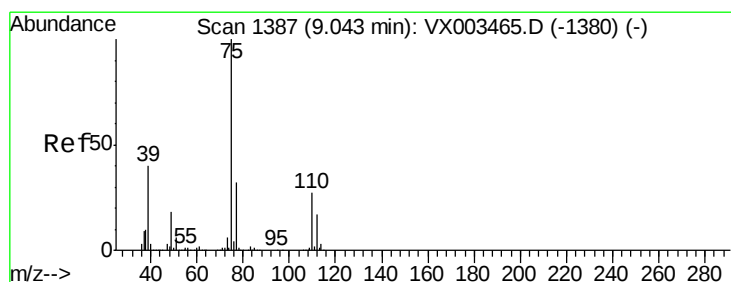
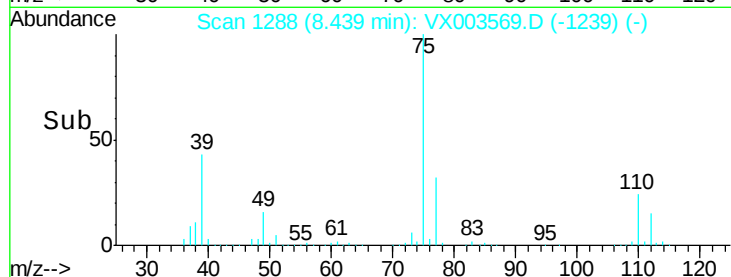
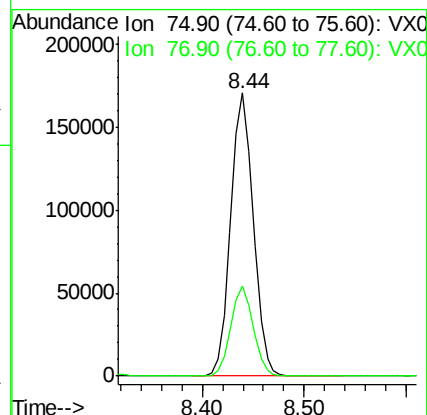
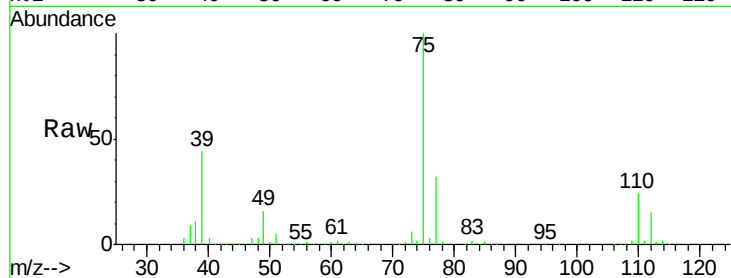
VSTDCCC050

Tot Ion: 75 Resp: 261338

Ion Ratio Lower Upper

75 100

77 31.7 25.4 38.2



#54

cis-1,3-Dichloropropene

Concen: 54.79 ug/l

RT: 9.04 min Scan# 1387

Delta R.T. 0.00 min

Lab File: VX003569.D

Acq: 21 Jul 2018 21:58

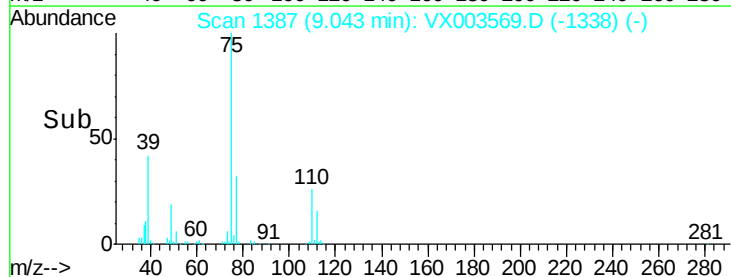
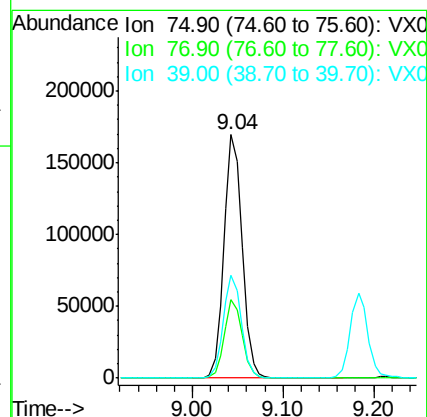
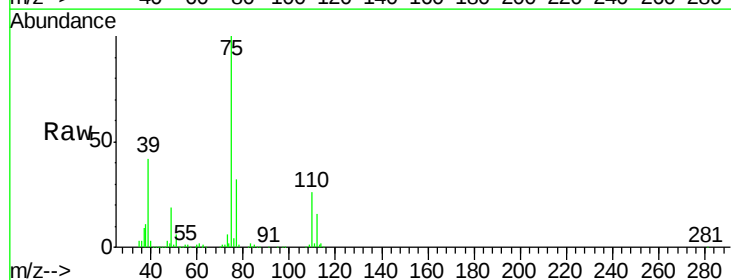
Tgt Ion: 75 Resp: 237250

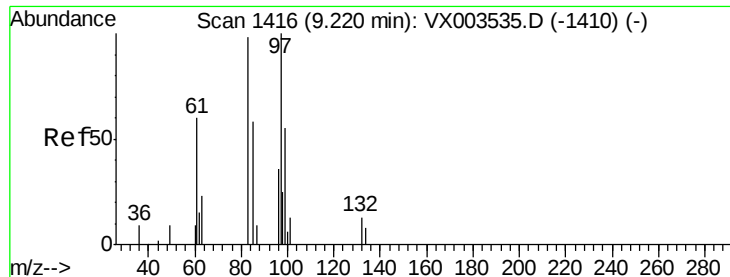
Ion Ratio Lower Upper

75 100

77 32.2 24.8 37.2

39 42.2 42.4 63.6#

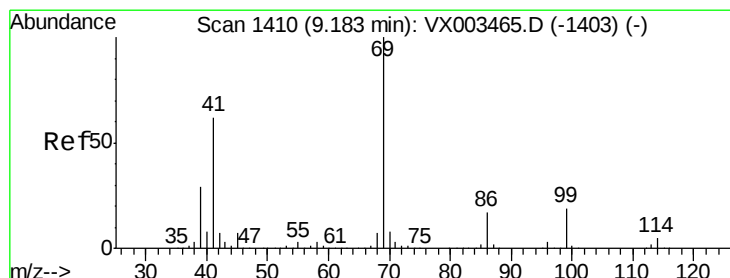
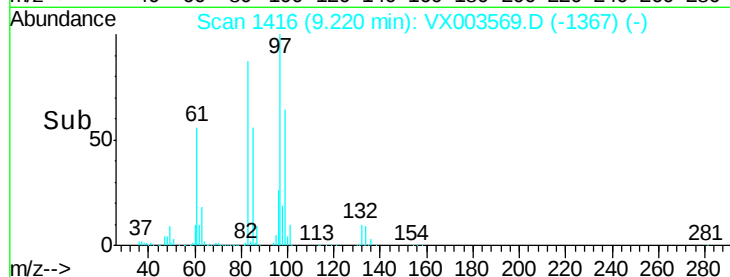
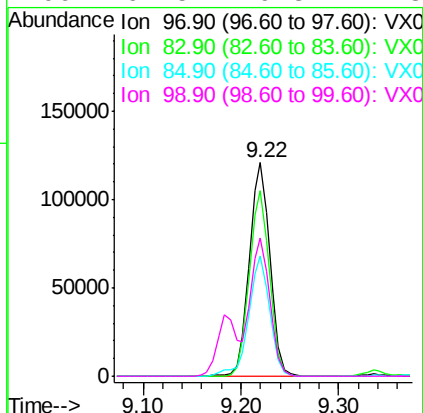
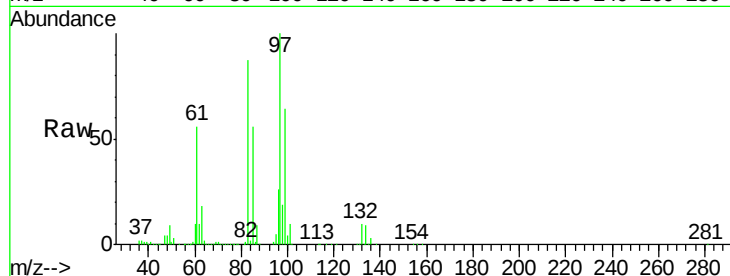




#55
 1,1,2-Trichloroethane
 Concen: 53.81 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VX003569.D
 Acq: 21 Jul 2018 21:58

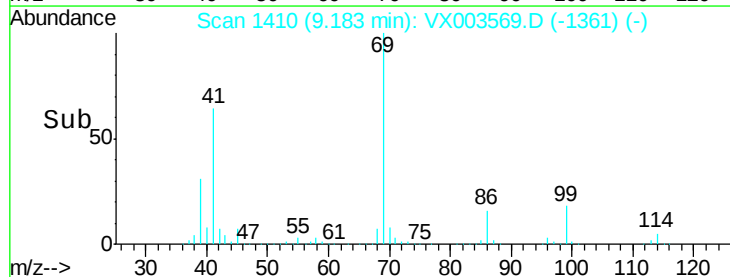
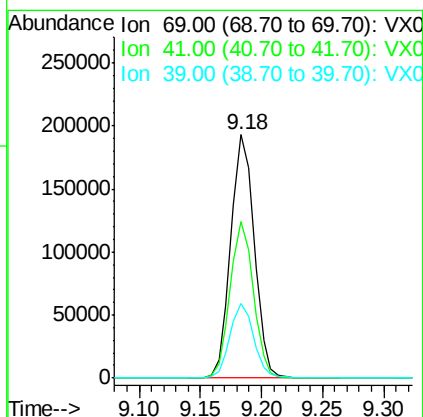
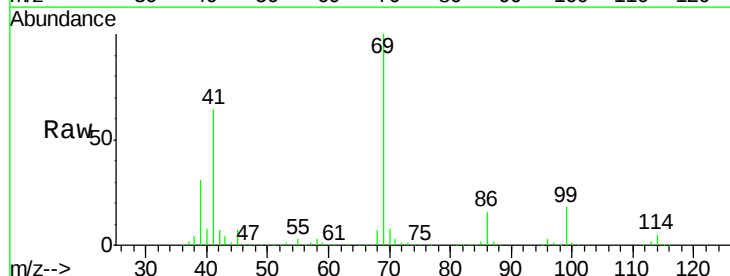
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

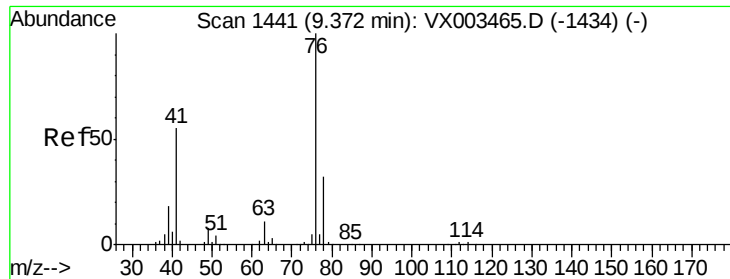
Tot Ion:	97	Resp:	176177
Ion	Ratio	Lower	Upper
97	100		
83	86.6	70.2	105.2
85	56.1	44.9	67.3
99	64.5	49.8	74.8



#56
 Ethyl methacrylate
 Concen: 55.74 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. 0.00 min
 Lab File: VX003569.D
 Acq: 21 Jul 2018 21:58

Tgt Ion:	69	Resp:	257074
Ion	Ratio	Lower	Upper
69	100		
41	63.6	60.3	90.5
39	31.2	35.8	53.8#

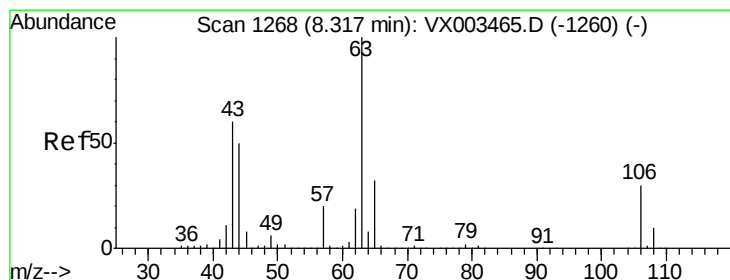
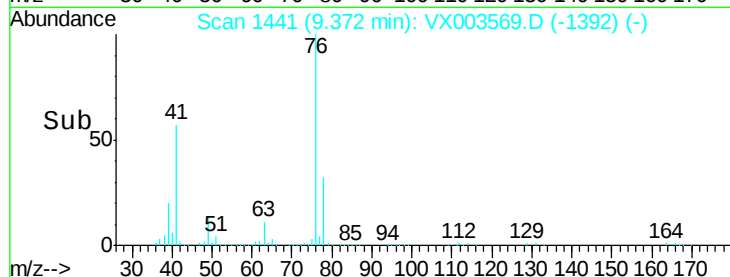
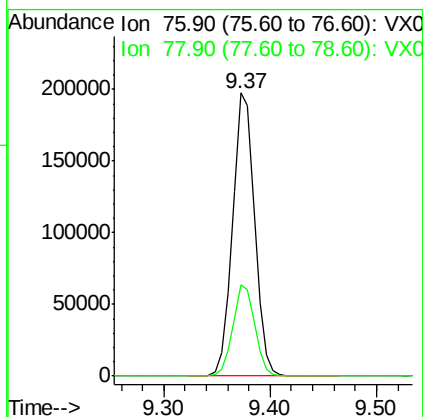
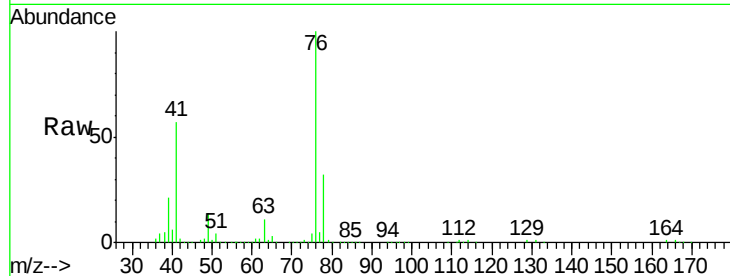




#57
 1,3-Dichloropropane
 Concen: 54.38 ug/l
 RT: 9.37 min Scan# 1441
 Delta R.T. 0.00 min
 Lab File: VX003569.D
 Acq: 21 Jul 2018 21:58

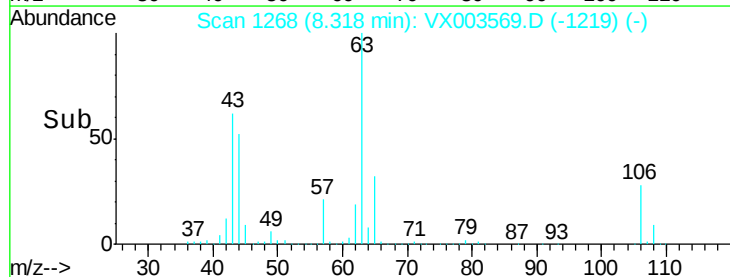
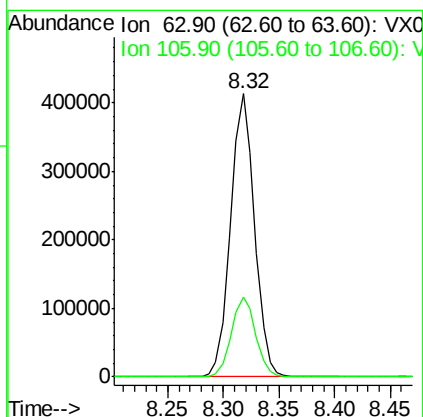
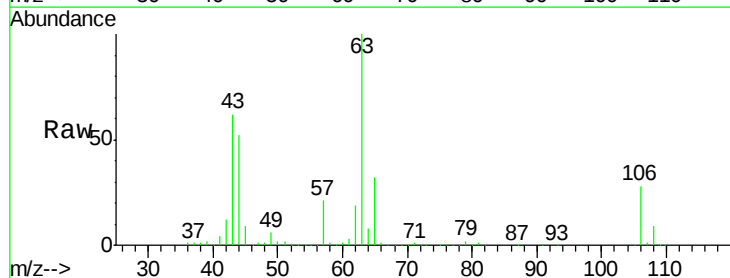
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion: 76 Resp: 287824
 Ion Ratio Lower Upper
 76 100
 78 32.1 25.8 38.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 273.54 ug/l
 RT: 8.32 min Scan# 1268
 Delta R.T. 0.00 min
 Lab File: VX003569.D
 Acq: 21 Jul 2018 21:58

Tgt Ion: 63 Resp: 613425
 Ion Ratio Lower Upper
 63 100
 106 28.5 21.8 32.8

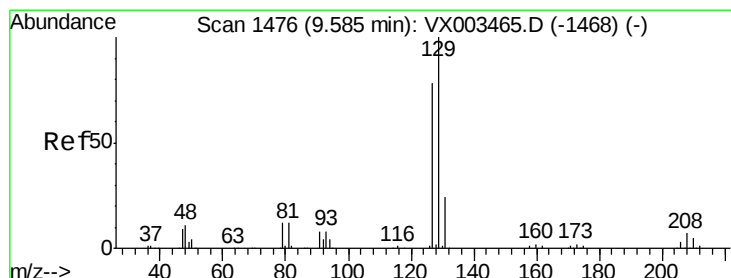
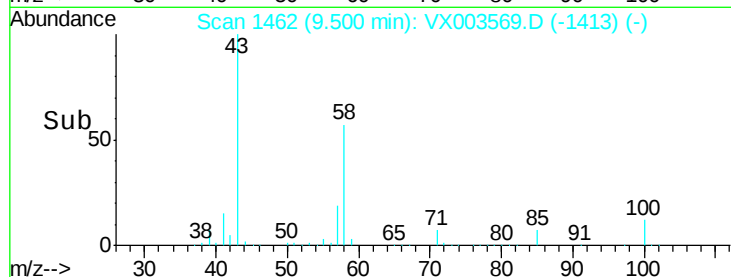
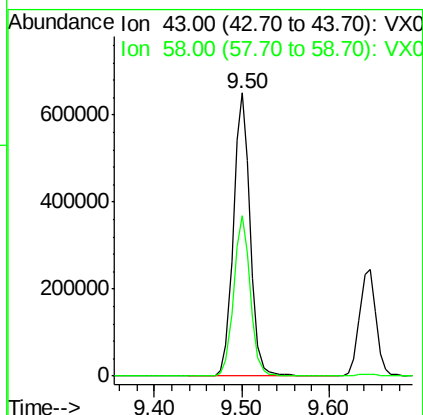
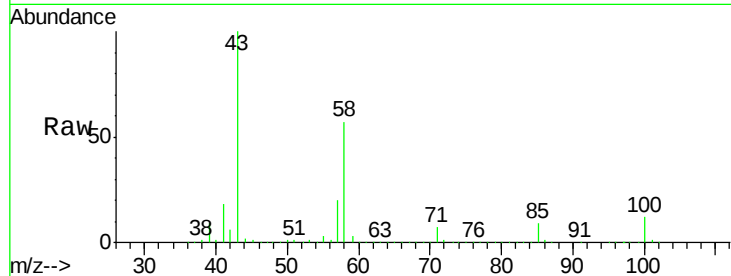




#59
2-Hexanone
Concen: 286.08 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. 0.00 min
Lab File: VX003569.D
Acq: 21 Jul 2018 21:58

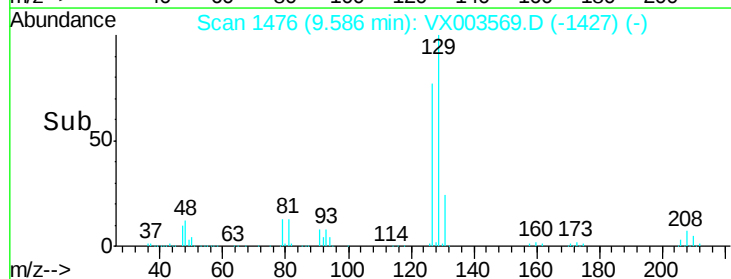
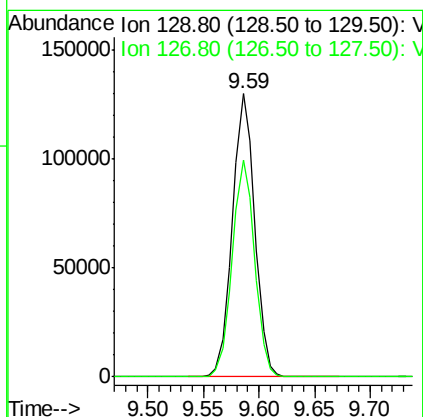
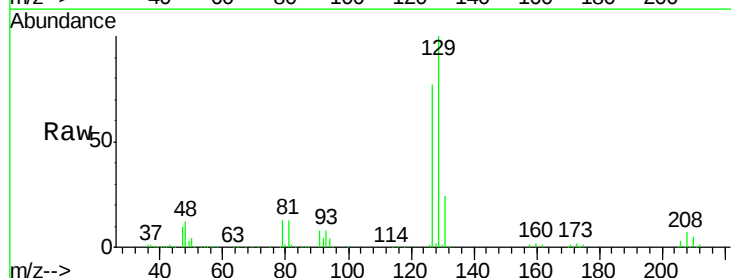
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

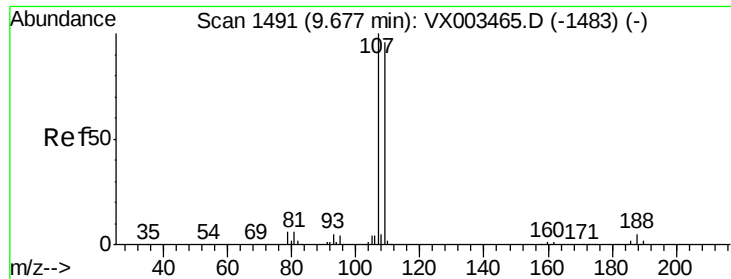
Tot Ion: 43 Resp: 872710
Ion Ratio Lower Upper
43 100
58 56.3 24.6 73.6



#60
Dibromochloromethane
Concen: 55.77 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. 0.00 min
Lab File: VX003569.D
Acq: 21 Jul 2018 21:58

Tgt Ion: 129 Resp: 180759
Ion Ratio Lower Upper
129 100
127 76.6 38.5 115.3





#61

1,2-Dibromoethane

Concen: 53.22 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. 0.00 min

Lab File: VX003569.D

Acq: 21 Jul 2018 21:58

Instrument :

MSVOA_X

ClientSampleId :

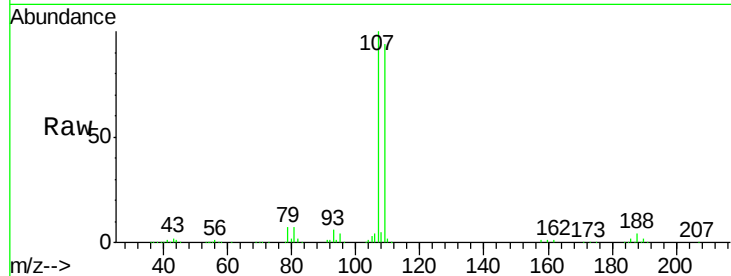
VSTDCCC050

Tot Ion:107 Resp: 180657

Ion Ratio Lower Upper

107 100

109 95.8 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

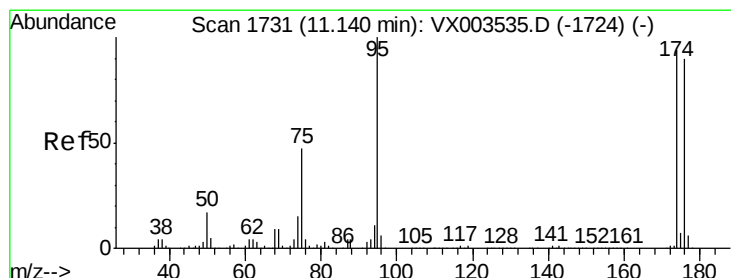
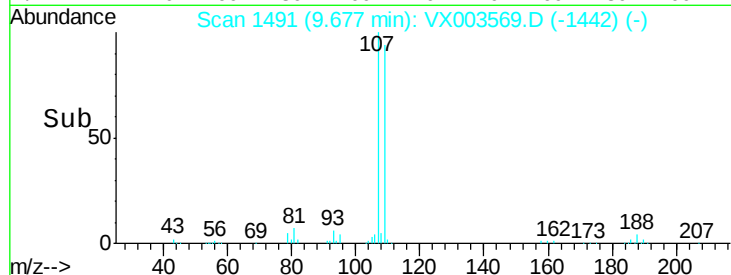
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 54.56 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX003569.D

Acq: 21 Jul 2018 21:58

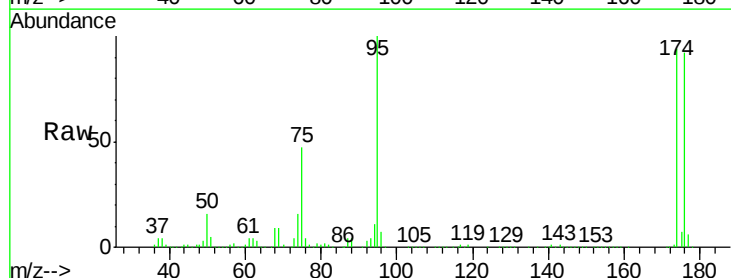
Tgt Ion: 95 Resp: 228591

Ion Ratio Lower Upper

95 100

174 95.0 0.0 187.4

176 91.7 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

250000

200000

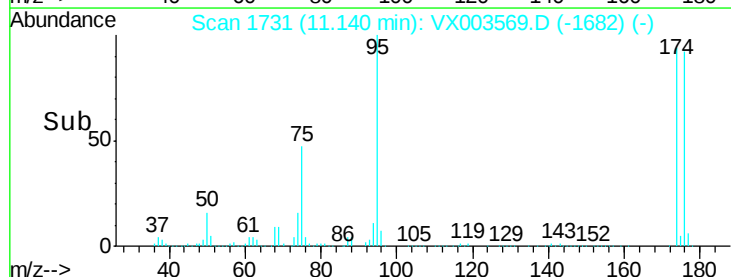
150000

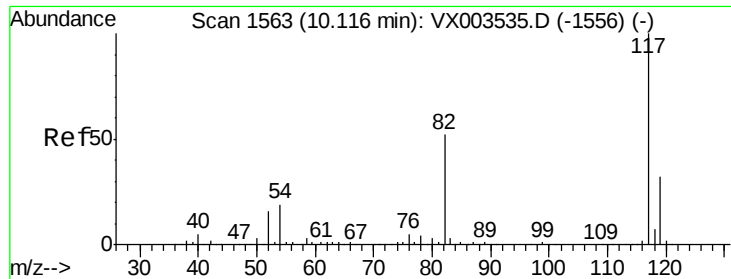
100000

50000

0

Time-->

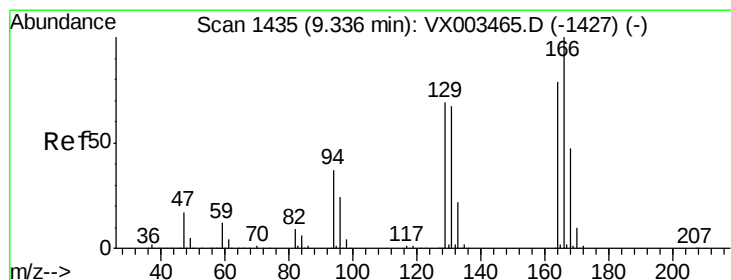
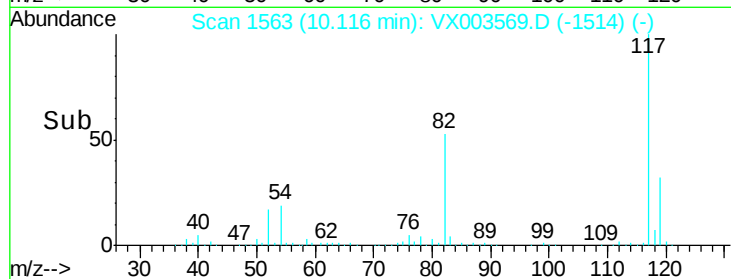
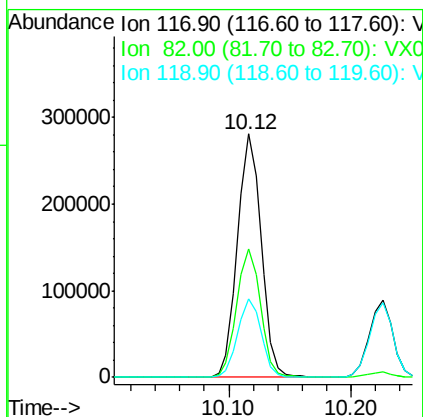
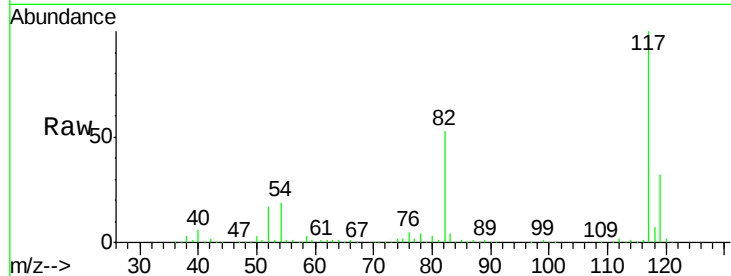




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX003569.D
Acq: 21 Jul 2018 21:58

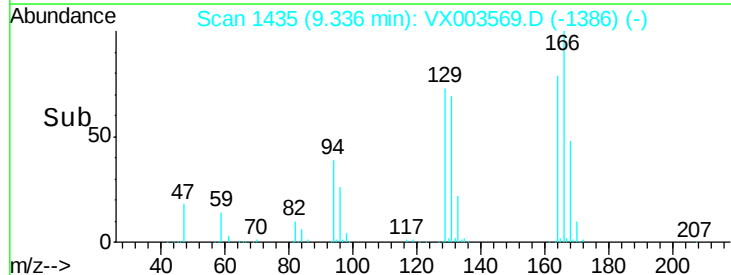
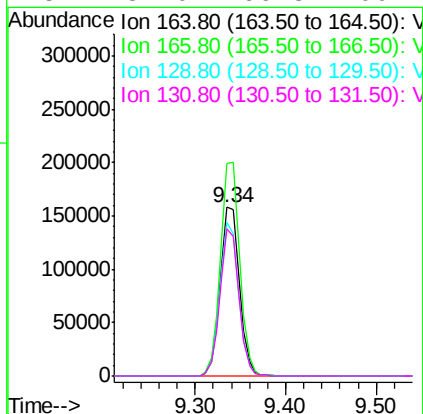
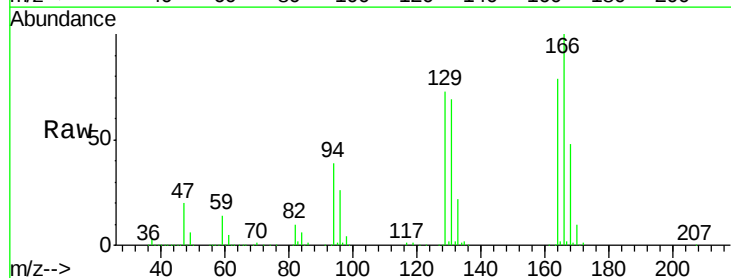
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

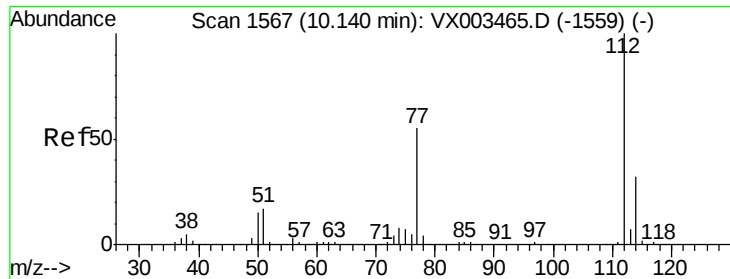
Tot Ion:117 Resp: 377342
Ion Ratio Lower Upper
117 100
82 52.5 45.0 67.4
119 32.2 25.8 38.6



#64
Tetrachloroethene
Concen: 51.18 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. 0.00 min
Lab File: VX003569.D
Acq: 21 Jul 2018 21:58

Tgt Ion:164 Resp: 235306
Ion Ratio Lower Upper
164 100
166 126.0 102.9 154.3
129 91.4 68.6 102.8
131 87.0 66.8 100.2

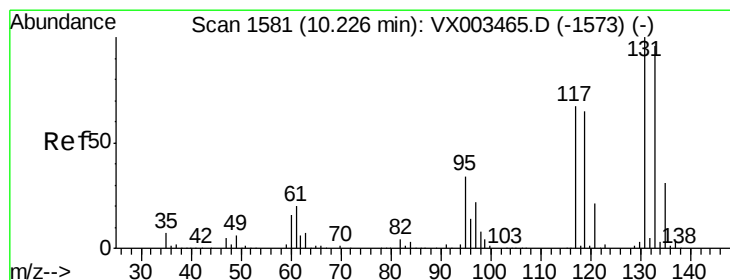
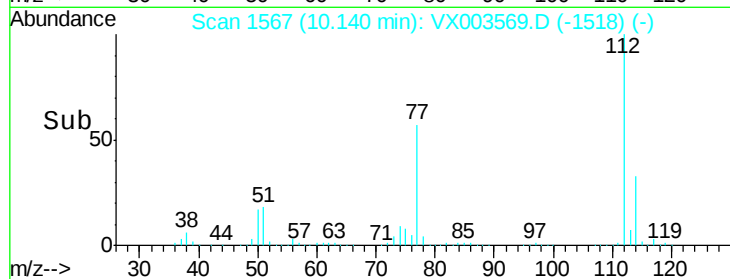
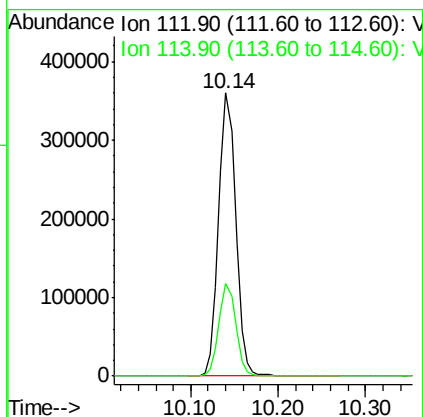
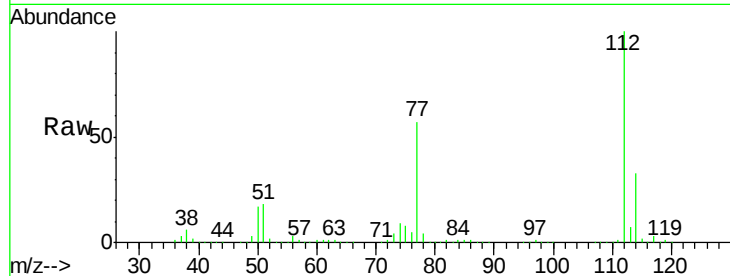




#65
Chlorobenzene
Concen: 50.46 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VX003569.D
Acq: 21 Jul 2018 21:58

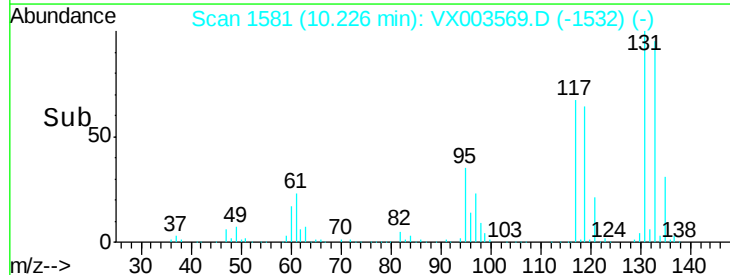
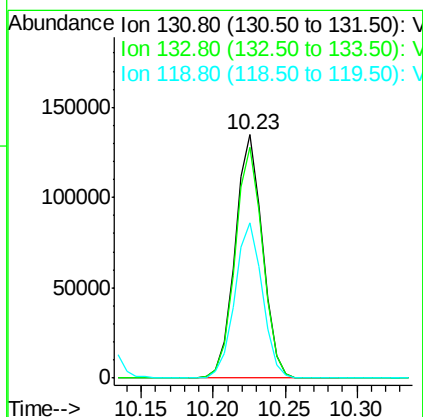
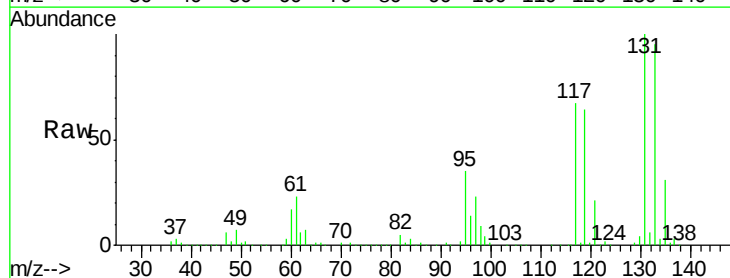
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:112 Resp: 490583
Ion Ratio Lower Upper
112 100
114 32.6 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 53.35 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. 0.00 min
Lab File: VX003569.D
Acq: 21 Jul 2018 21:58

Tgt Ion:131 Resp: 178473
Ion Ratio Lower Upper
131 100
133 95.4 47.9 143.6
119 64.4 31.8 95.3

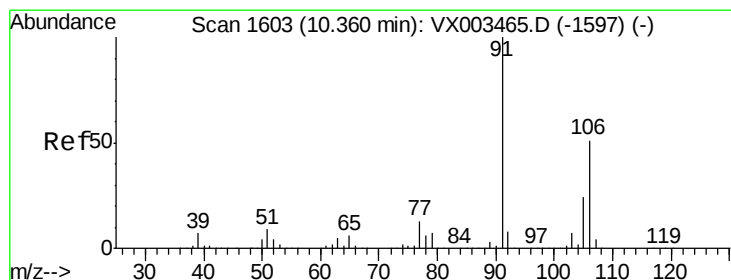
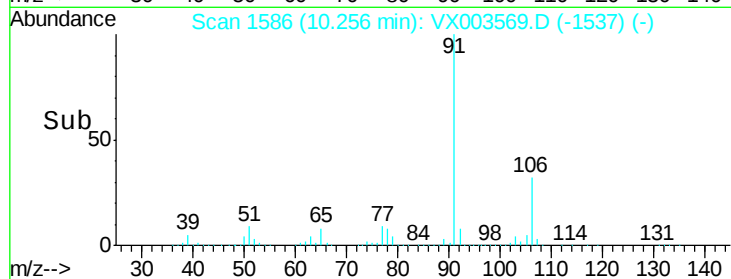
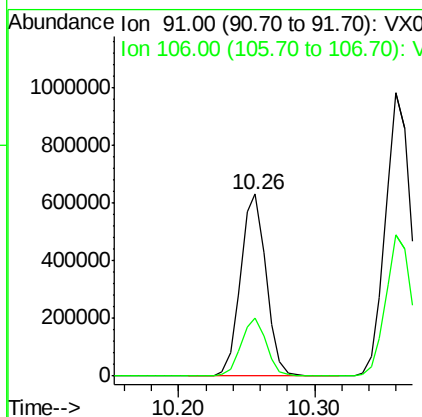
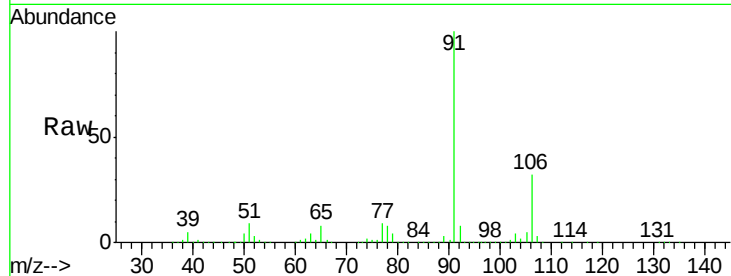




#67
Ethyl Benzene
Concen: 52.89 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. 0.00 min
Lab File: VX003569.D
Acq: 21 Jul 2018 21:58

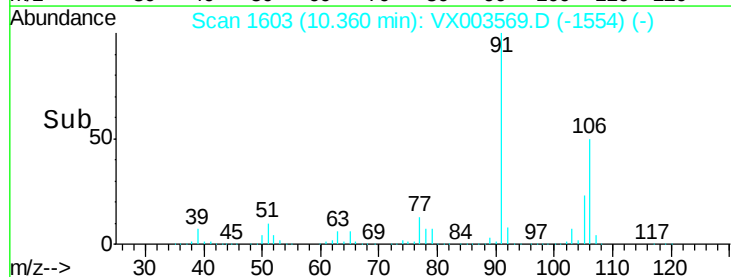
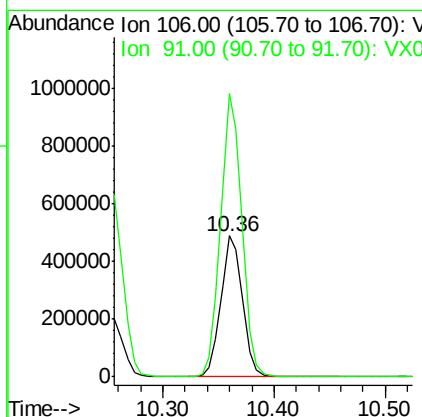
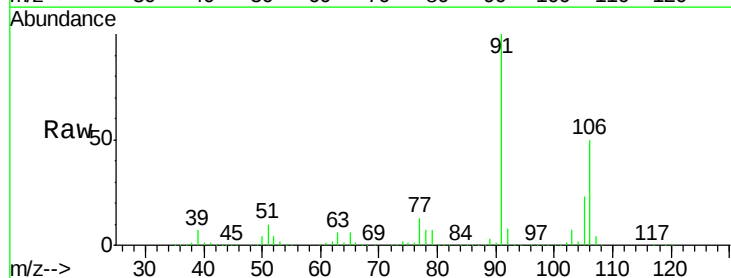
Instrument :
MSVOA_X
ClientSampleID :
VSTDCCC050

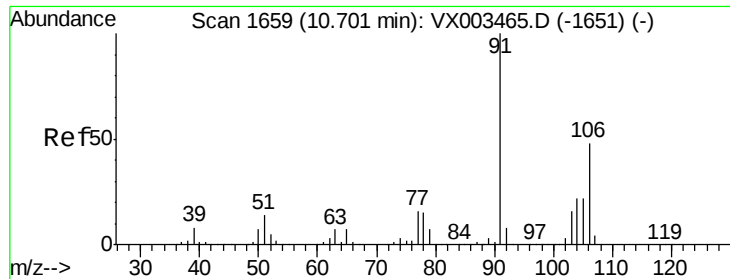
Tot Ion: 91 Resp: 826816
Ion Ratio Lower Upper
91 100
106 31.9 25.5 38.3



#68
m/p-Xylenes
Concen: 106.02 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. 0.00 min
Lab File: VX003569.D
Acq: 21 Jul 2018 21:58

Tgt Ion: 106 Resp: 649744
Ion Ratio Lower Upper
106 100
91 200.2 163.4 245.2

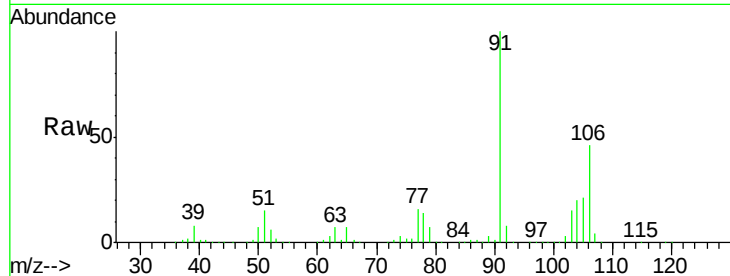




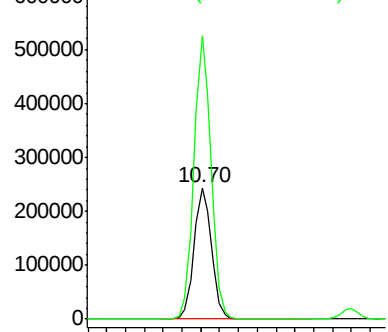
#69
o-Xylene
Concen: 52.72 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX003569.D
Acq: 21 Jul 2018 21:58

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

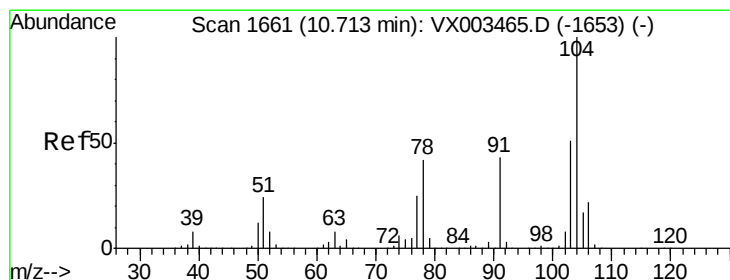
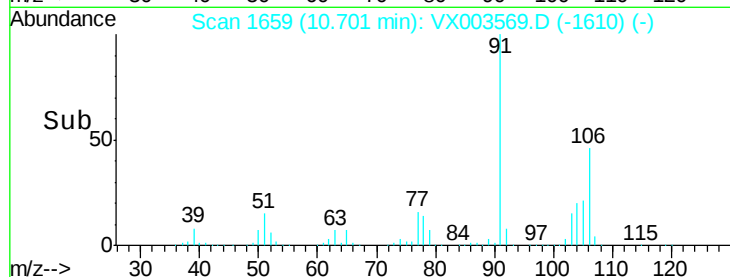
Tot Ion:106 Resp: 312448
Ion Ratio Lower Upper
106 100
91 211.6 108.2 324.6



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

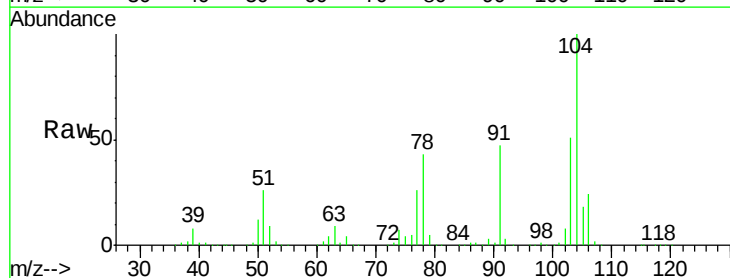


Time--> 10.60 10.70 10.80

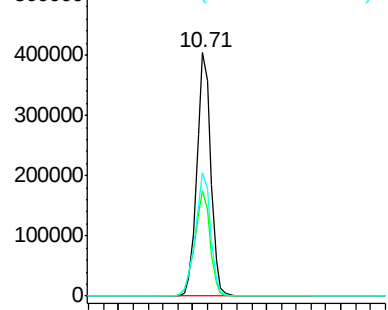


#70
Styrene
Concen: 54.29 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX003569.D
Acq: 21 Jul 2018 21:58

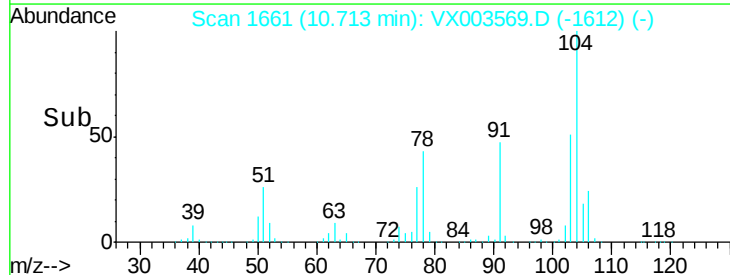
Tgt Ion:104 Resp: 529218
Ion Ratio Lower Upper
104 100
78 47.4 41.0 61.6
103 55.0 44.2 66.4

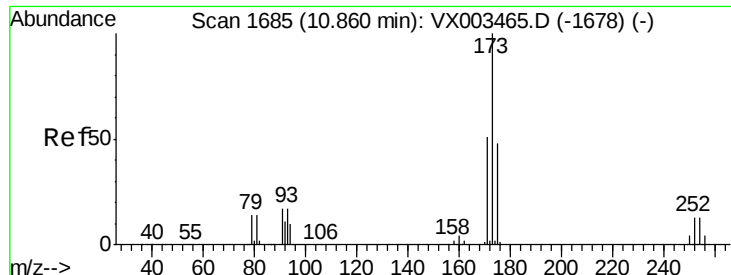


Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V



Time--> 10.60 10.70 10.80 10.90





#71

Bromoform

Concen: 54.64 ug/l

RT: 10.86 min Scan# 1685

Delta R.T. 0.00 min

Lab File: VX003569.D

Acq: 21 Jul 2018 21:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

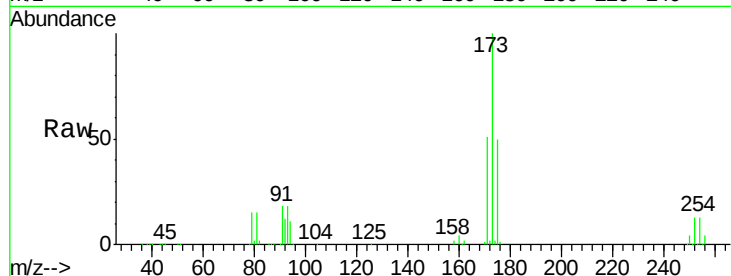
Tot Ion:173 Resp: 142000

Ion Ratio Lower Upper

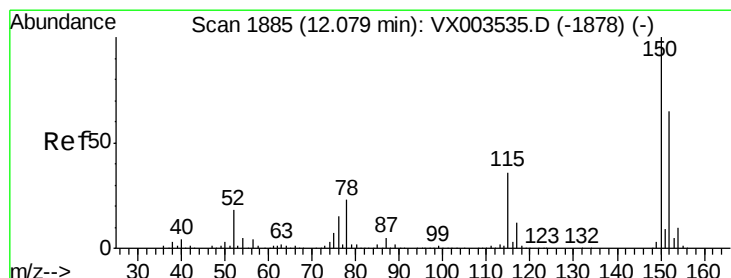
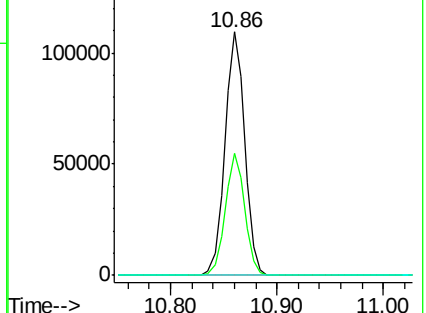
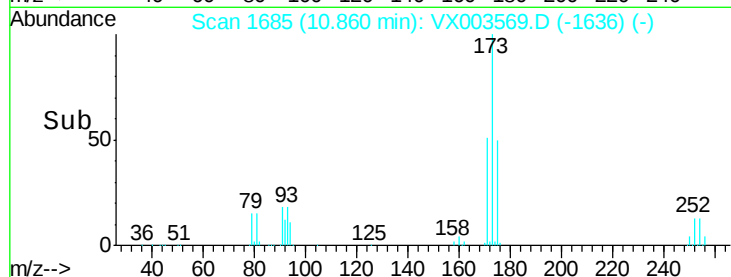
173 100

175 49.1 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# 1885

Delta R.T. 0.00 min

Lab File: VX003569.D

Acq: 21 Jul 2018 21:58

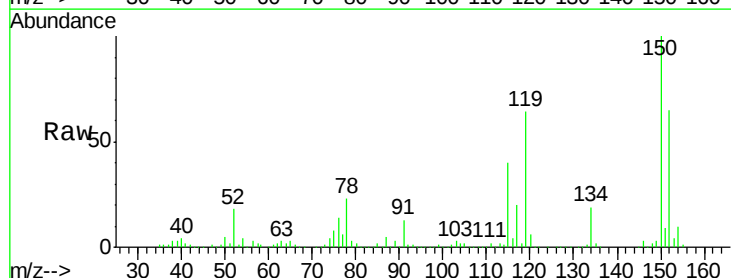
Tgt Ion:152 Resp: 232592

Ion Ratio Lower Upper

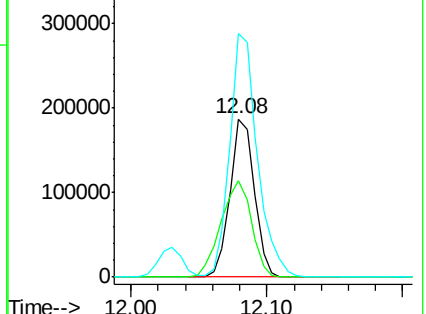
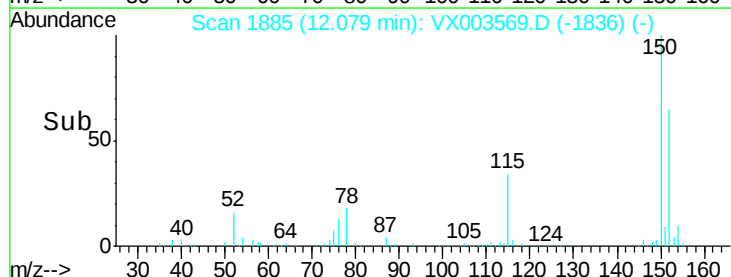
152 100

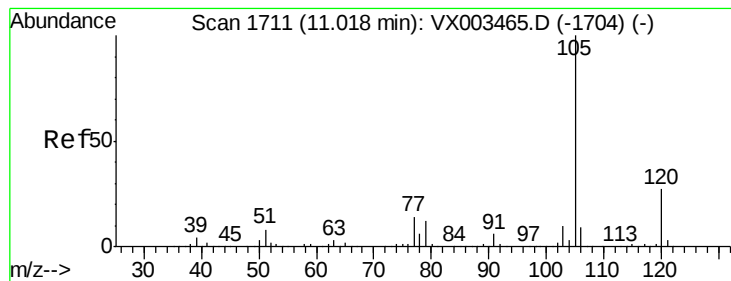
115 76.6 40.1 120.2

150 175.1 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: 52.36 ug/l

RT: 11.02 min Scan# 1711

Delta R.T. 0.00 min

Lab File: VX003569.D

Acq: 21 Jul 2018 21:58

Instrument :

MSVOA_X

ClientSampleId :

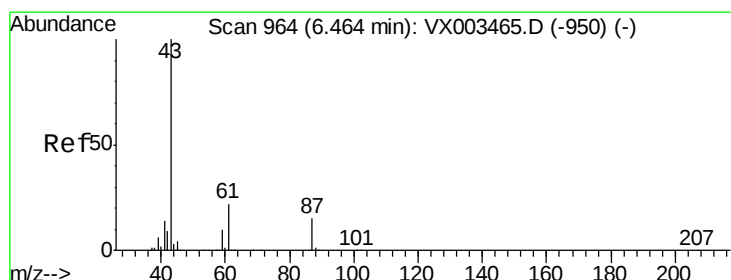
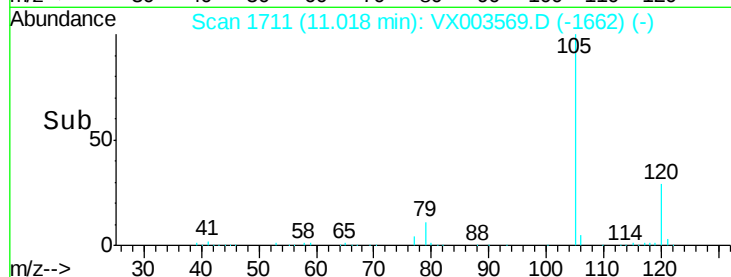
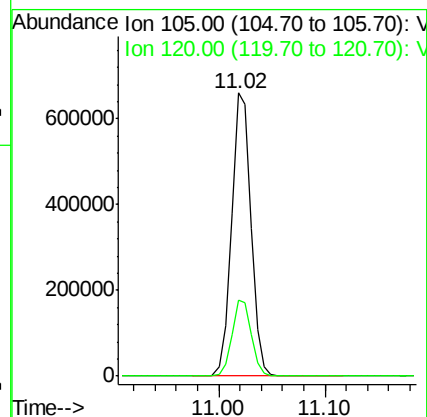
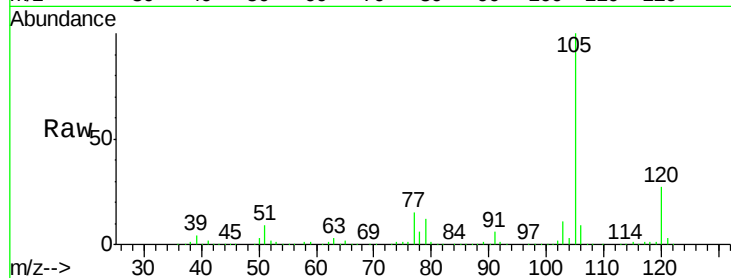
VSTDCCC050

Tot Ion:105 Resp: 842227

Ion Ratio Lower Upper

105 100

120 27.0 13.5 40.4



#74

N-ethyl acetate

Concen: 51.65 ug/l

RT: 6.46 min Scan# 964

Delta R.T. 0.00 min

Lab File: VX003569.D

Acq: 21 Jul 2018 21:58

Tgt Ion: 43 Resp: 352779

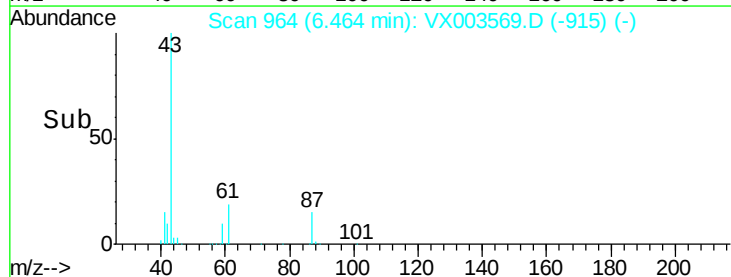
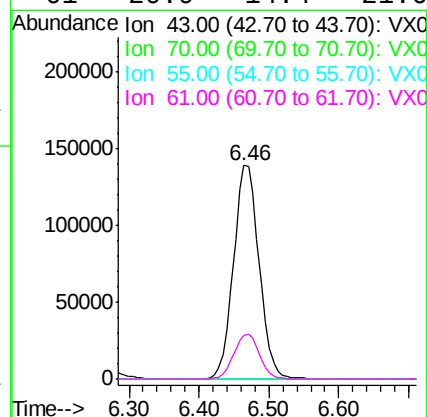
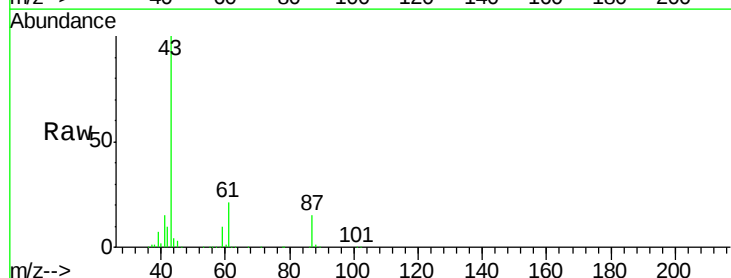
Ion Ratio Lower Upper

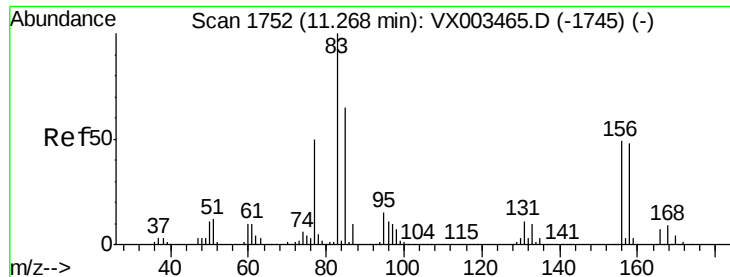
43 100

70 0.0 0.0 0.0

55 0.0 0.0 0.0

61 20.9 14.4 21.6





#75

1,1,2,2-Tetrachloroethane

Concen: 51.63 ug/l

RT: 11.27 min Scan# 1752

Delta R.T. 0.00 min

Lab File: VX003569.D

Acq: 21 Jul 2018 21:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

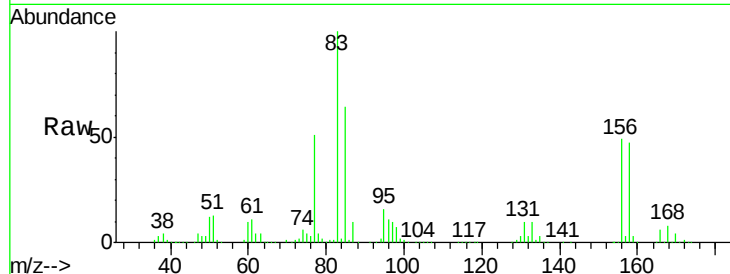
Tot Ion: 83 Resp: 243392

Ion Ratio Lower Upper

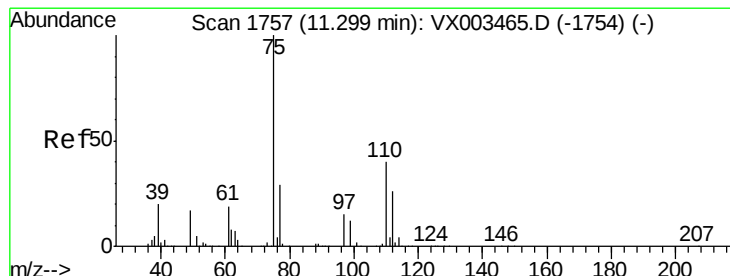
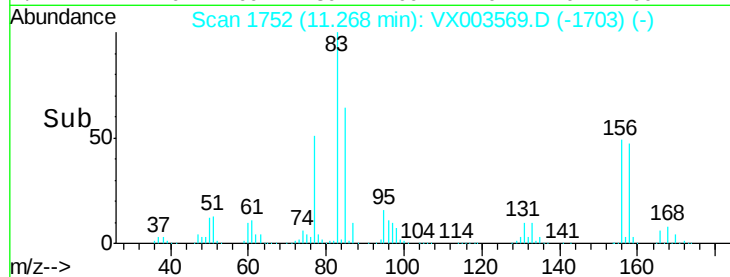
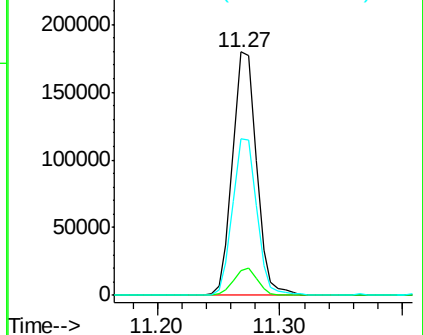
83 100

131 10.9 5.6 16.8

85 64.8 32.4 97.2



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 130.80 (130.50 to 131.50): V
Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 68.76 ug/l

RT: 11.30 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VX003569.D

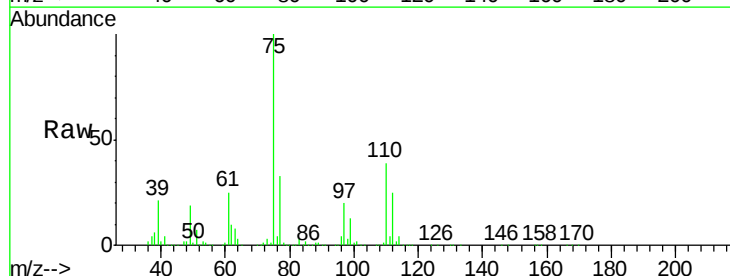
Acq: 21 Jul 2018 21:58

Tgt Ion: 75 Resp: 287296

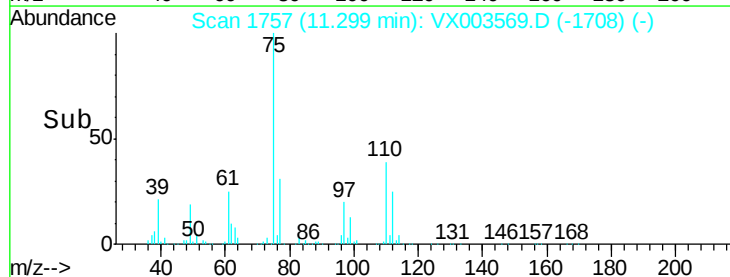
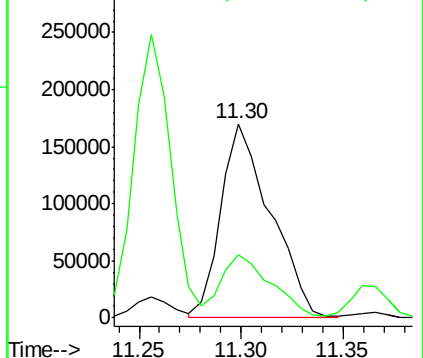
Ion Ratio Lower Upper

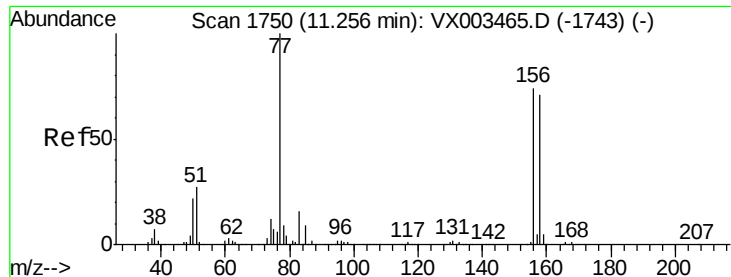
75 100

77 32.7 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: 49.77 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. 0.00 min

Lab File: VX003569.D

Acq: 21 Jul 2018 21:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

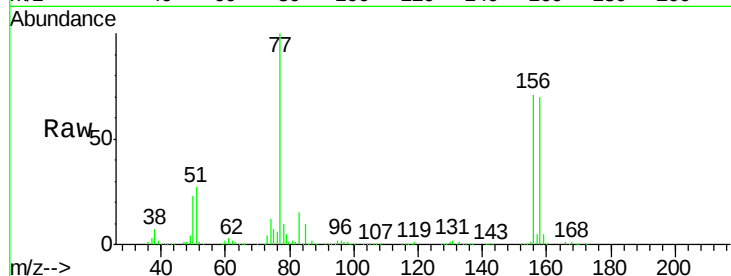
Tot Ion:156 Resp: 230244

Ion Ratio Lower Upper

156 100

77 136.4 71.4 214.2

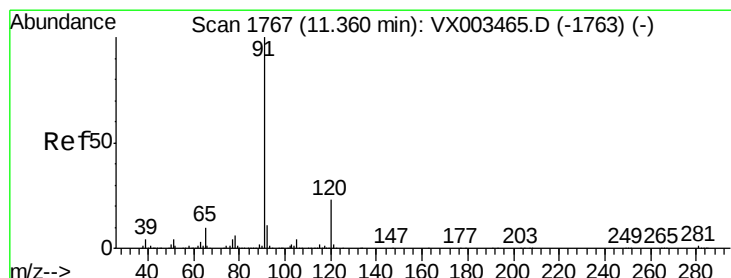
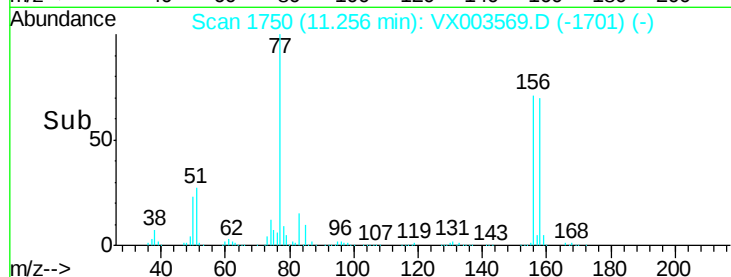
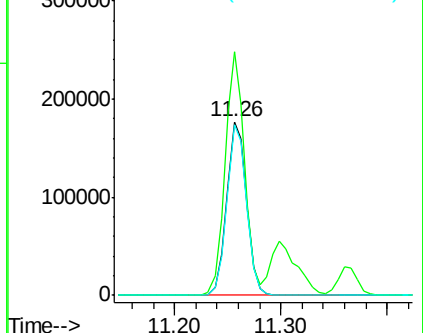
158 97.7 48.9 146.6



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: 53.36 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. 0.01 min

Lab File: VX003569.D

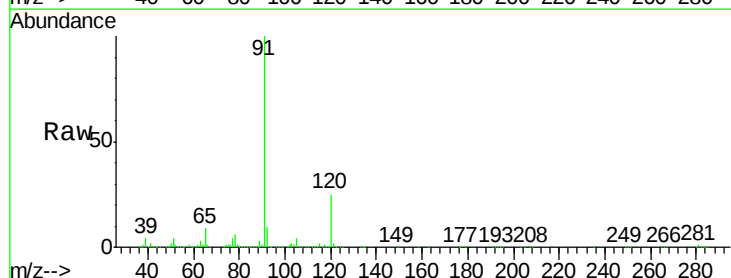
Acq: 21 Jul 2018 21:58

Tgt Ion: 91 Resp: 954212

Ion Ratio Lower Upper

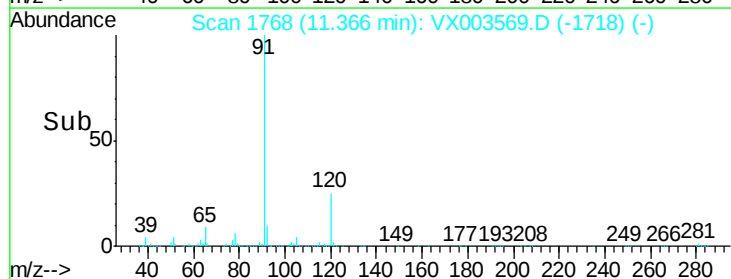
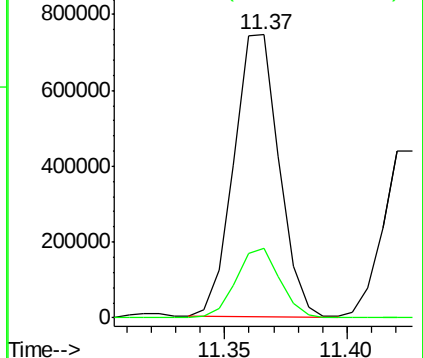
91 100

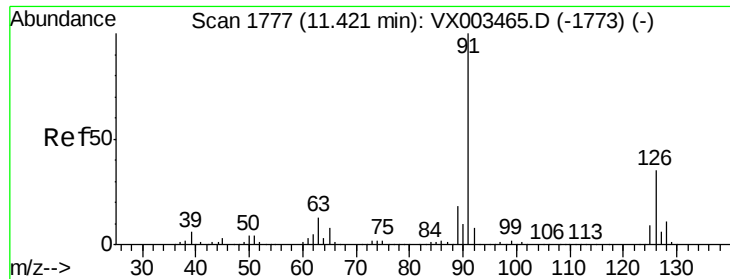
120 24.1 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 52.17 ug/l

RT: 11.42 min Scan# 1777

Delta R.T. 0.00 min

Lab File: VX003569.D

Acq: 21 Jul 2018 21:58

Instrument :

MSVOA_X

ClientSampleId :

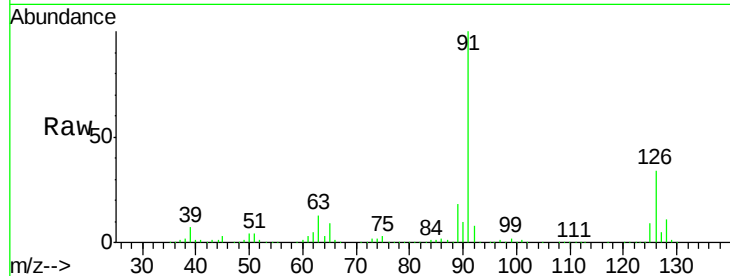
VSTDCCC050

Tot Ion: 91 Resp: 566329

Ion Ratio Lower Upper

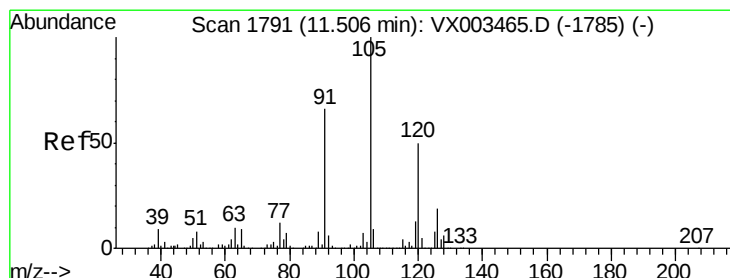
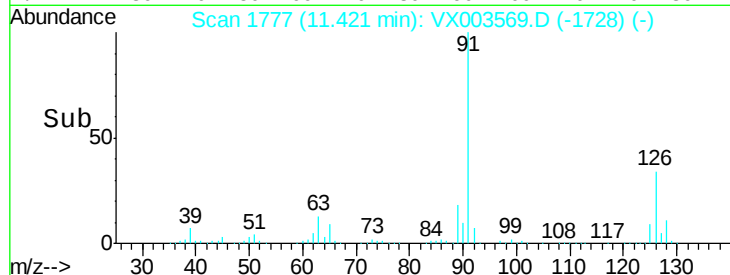
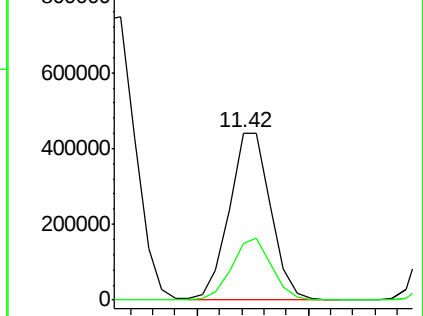
91 100

126 36.2 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: 51.96 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.01 min

Lab File: VX003569.D

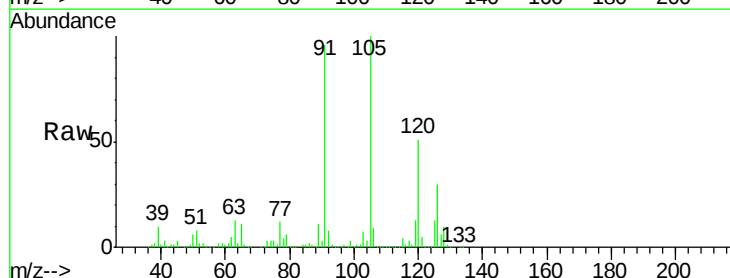
Acq: 21 Jul 2018 21:58

Tgt Ion: 105 Resp: 686935

Ion Ratio Lower Upper

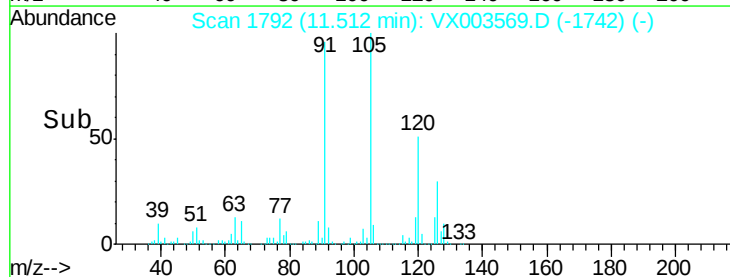
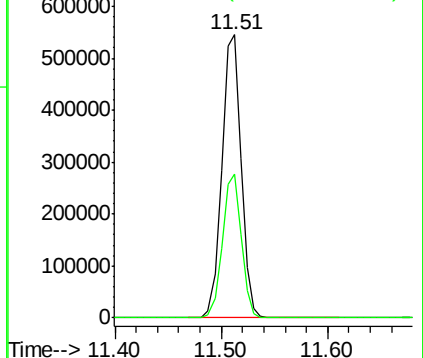
105 100

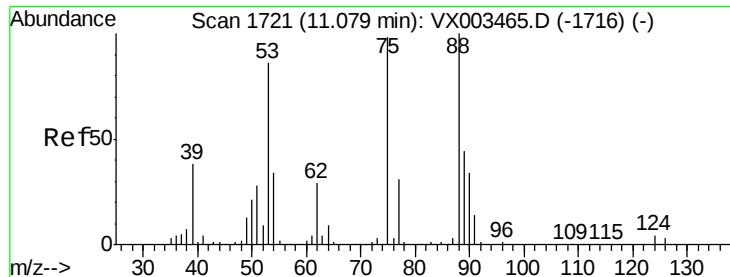
120 50.0 24.4 73.4



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: 47.28 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. 0.00 min

Lab File: VX003569.D

Acq: 21 Jul 2018 21:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

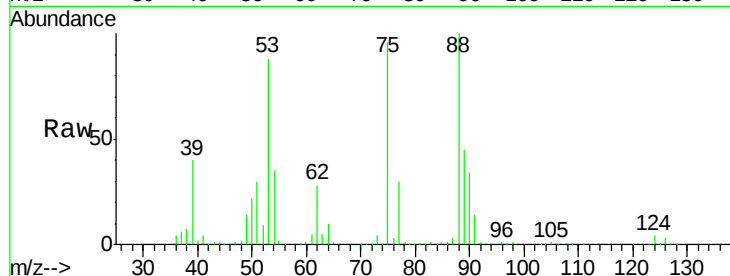
Tot Ion: 75 Resp: 69355

Ion Ratio Lower Upper

75 100

53 93.4 86.8 130.2

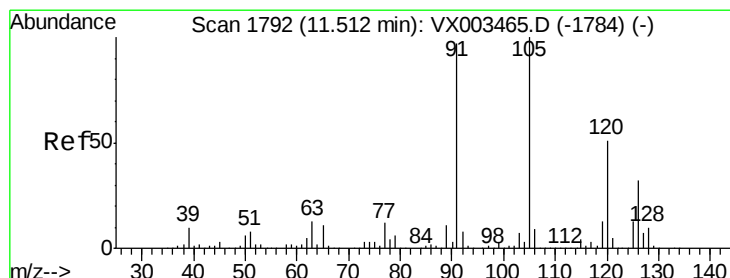
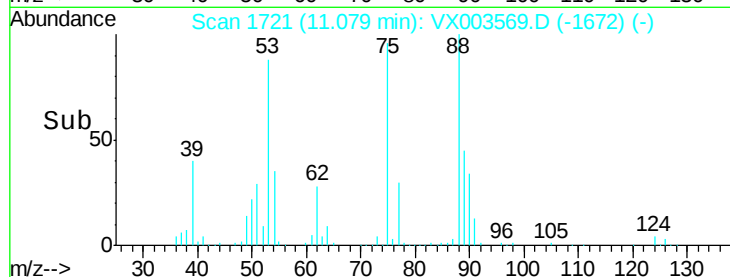
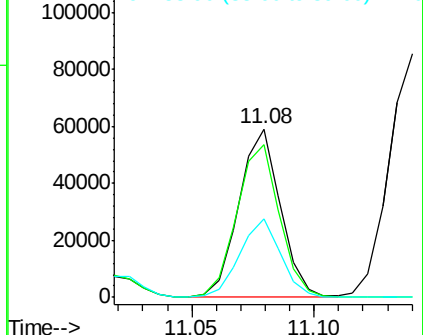
89 46.2 38.2 57.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 50.04 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX003569.D

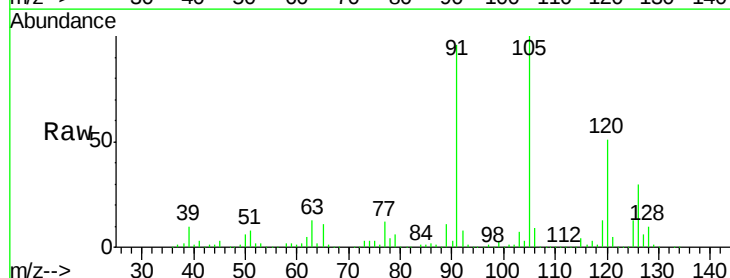
Acq: 21 Jul 2018 21:58

Tgt Ion: 91 Resp: 636429

Ion Ratio Lower Upper

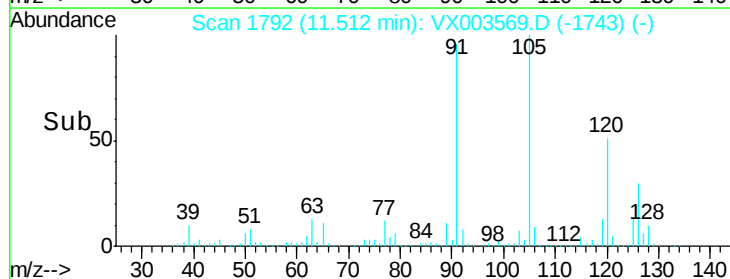
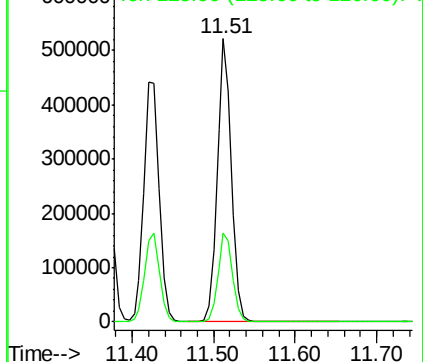
91 100

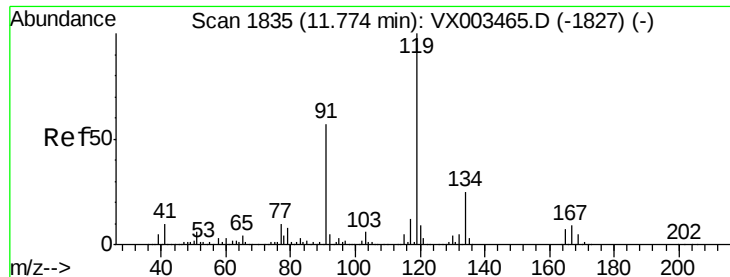
126 32.4 15.4 46.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

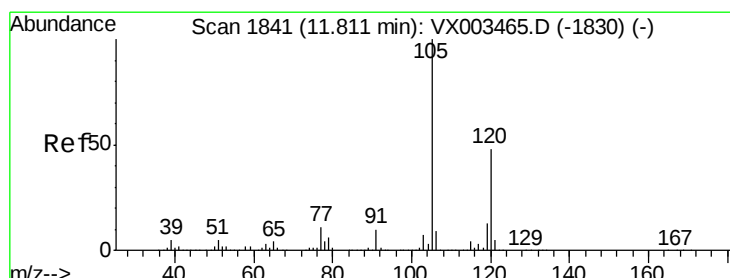
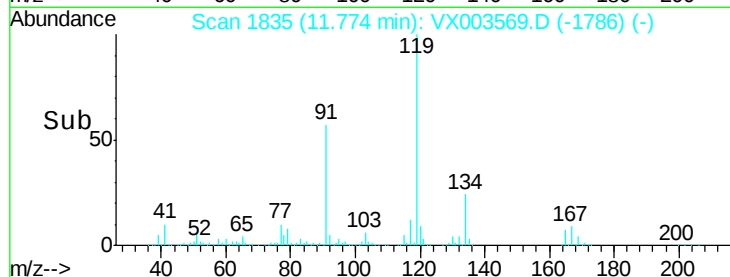
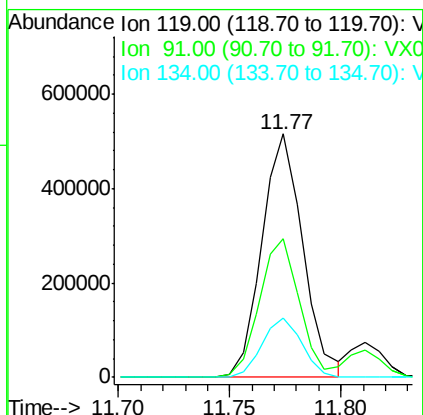
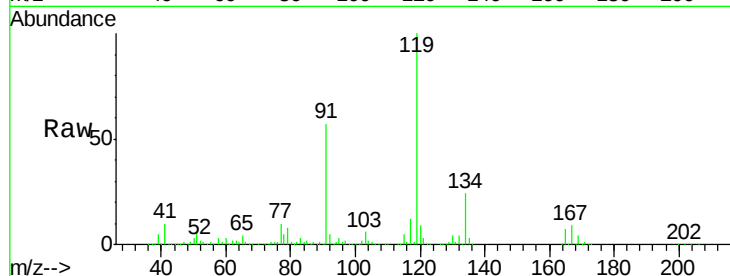




#83
 tert-Butylbenzene
 Concen: 50.92 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. 0.00 min
 Lab File: VX003569.D
 Acq: 21 Jul 2018 21:58

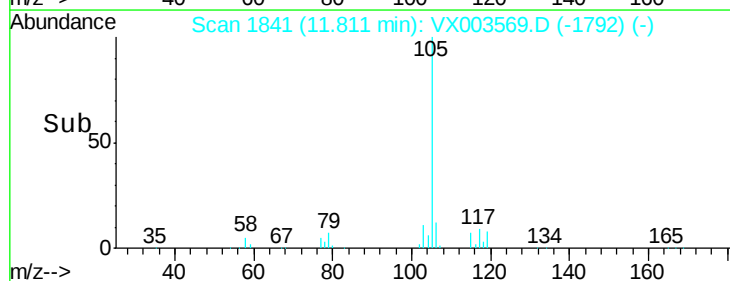
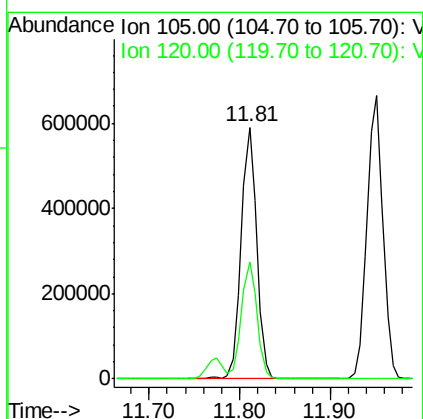
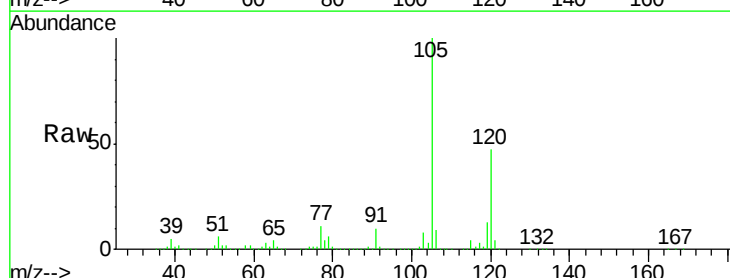
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

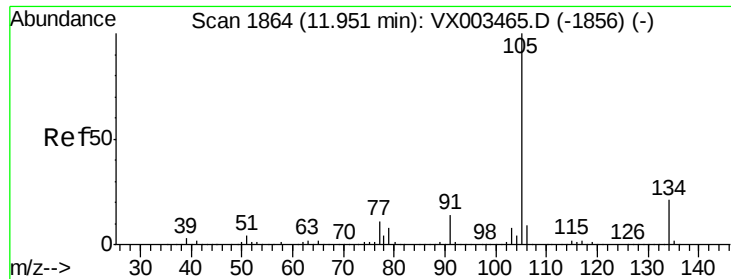
Tot Ion:119 Resp: 659262
 Ion Ratio Lower Upper
 119 100
 91 55.1 30.3 90.9
 134 23.8 11.7 35.1



#84
 1,2,4-Trimethylbenzene
 Concen: 52.44 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: VX003569.D
 Acq: 21 Jul 2018 21:58

Tgt Ion:105 Resp: 705376
 Ion Ratio Lower Upper
 105 100
 120 46.5 22.3 66.8





#85

sec-Butylbenzene

Concen: 51.73 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VX003569.D

Acq: 21 Jul 2018 21:58

Instrument :

MSVOA_X

ClientSampleId :

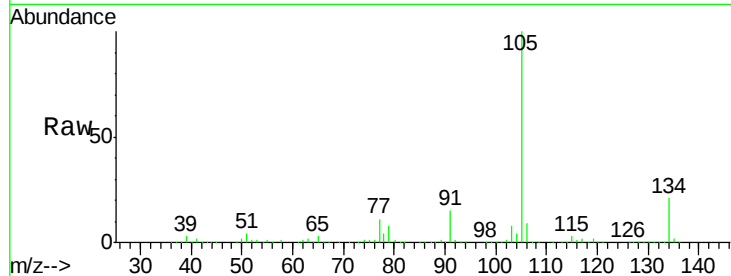
VSTDCCC050

Tot Ion:105 Resp: 813397

Ion Ratio Lower Upper

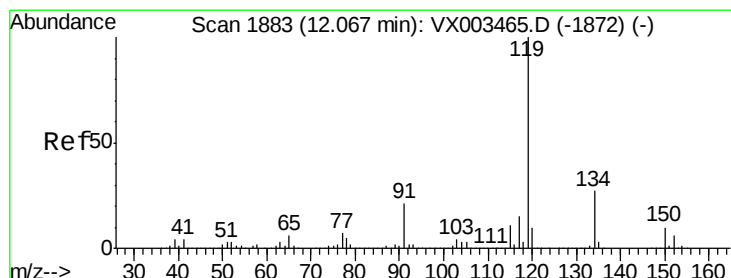
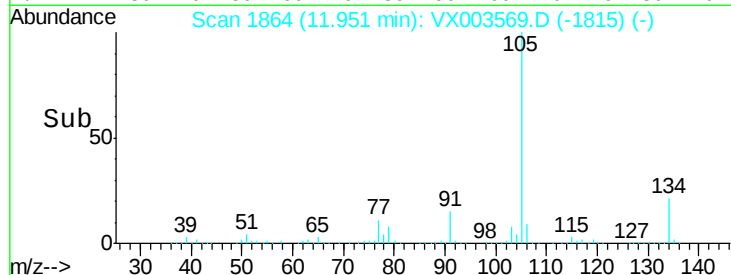
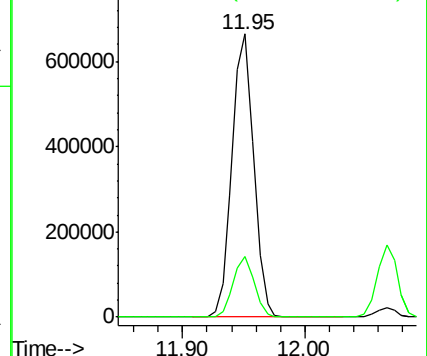
105 100

134 21.0 10.4 31.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 52.56 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VX003569.D

Acq: 21 Jul 2018 21:58

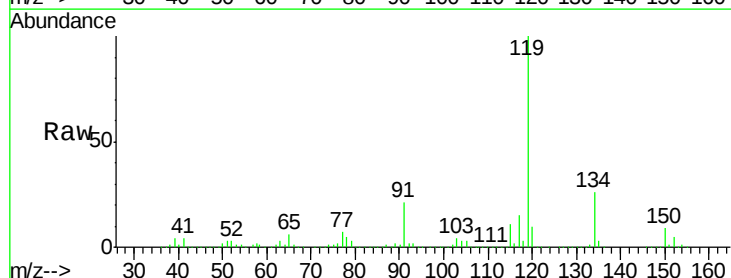
Tgt Ion:119 Resp: 741777

Ion Ratio Lower Upper

119 100

134 26.8 13.4 40.1

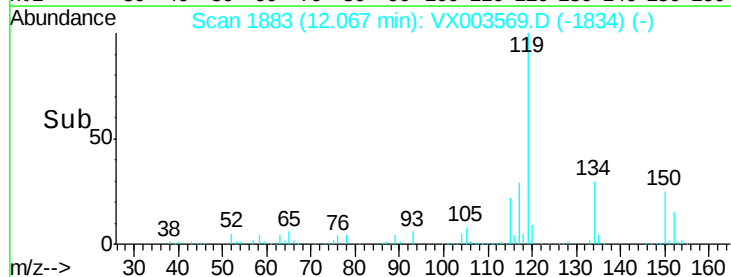
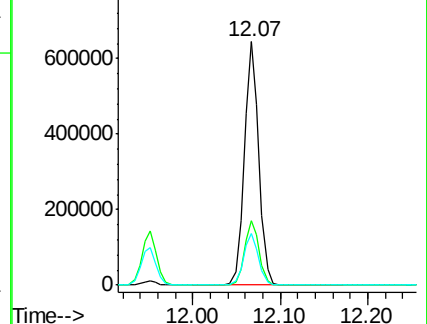
91 21.8 11.9 35.7

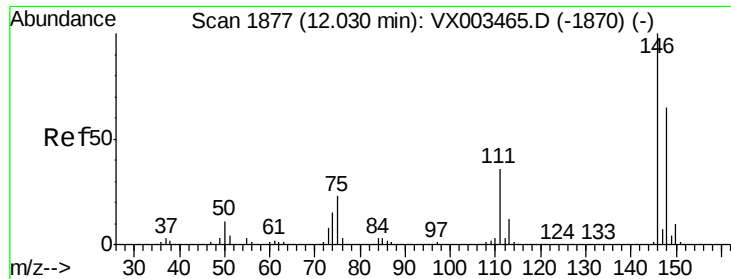


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

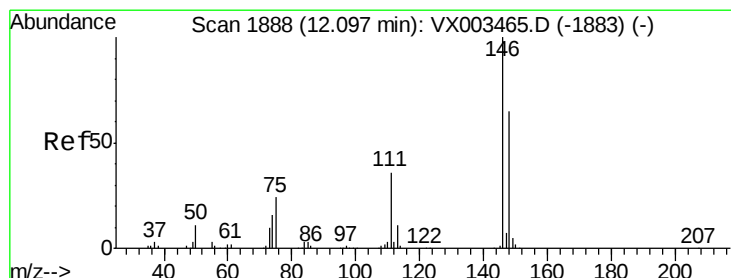
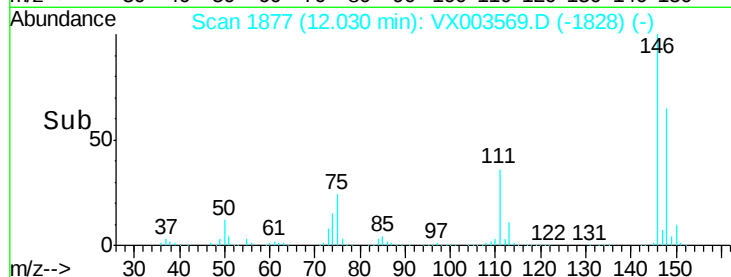
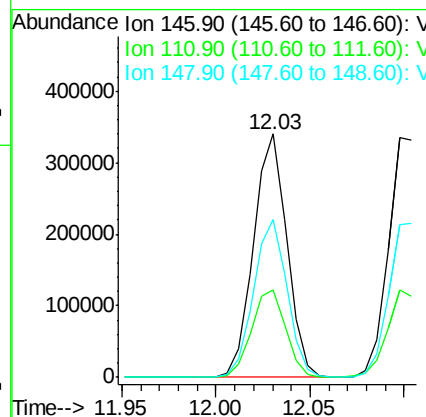
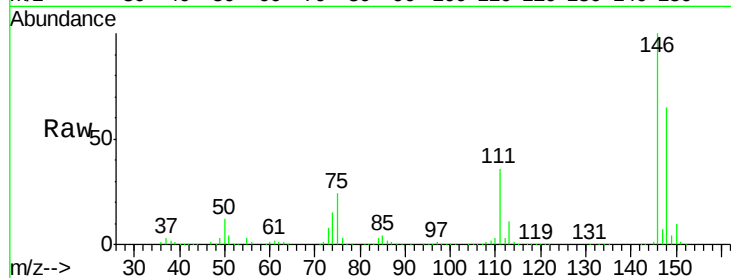




#87
 1,3-Dichlorobenzene
 Concen: 49.12 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. 0.00 min
 Lab File: VX003569.D
 Acq: 21 Jul 2018 21:58

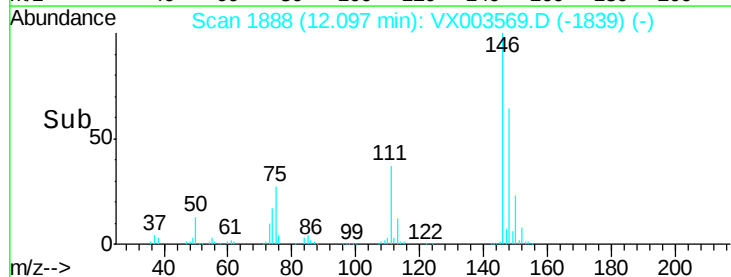
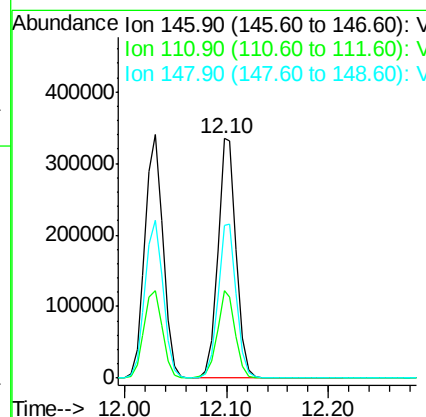
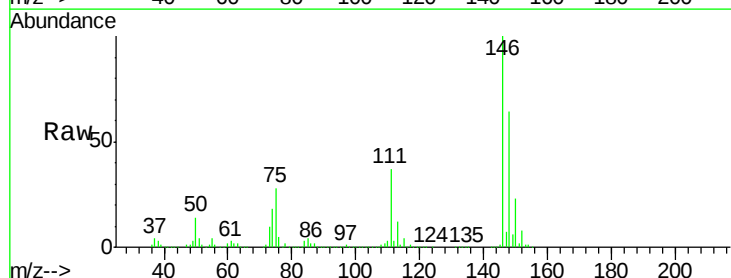
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

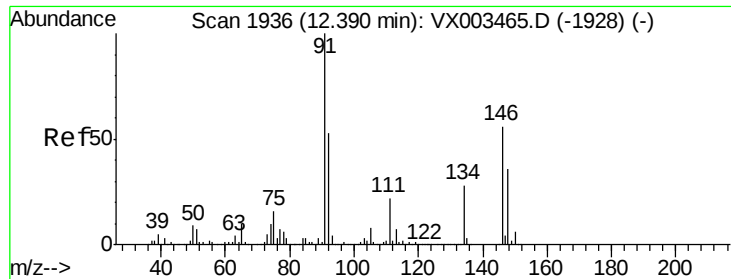
Tot Ion:146 Resp: 417743
 Ion Ratio Lower Upper
 146 100
 111 36.7 18.9 56.7
 148 64.6 32.1 96.3



#88
 1,4-Dichlorobenzene
 Concen: 48.37 ug/l
 RT: 12.10 min Scan# 1888
 Delta R.T. 0.00 min
 Lab File: VX003569.D
 Acq: 21 Jul 2018 21:58

Tgt Ion:146 Resp: 423741
 Ion Ratio Lower Upper
 146 100
 111 35.7 18.7 56.1
 148 64.3 32.4 97.0

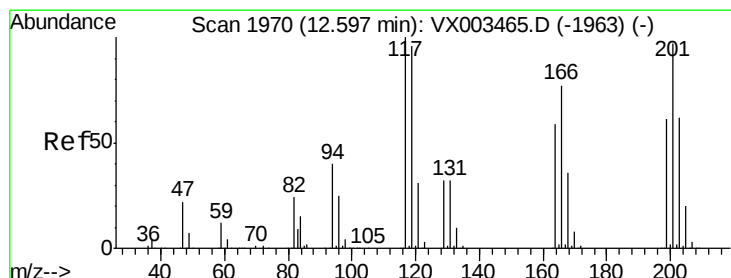
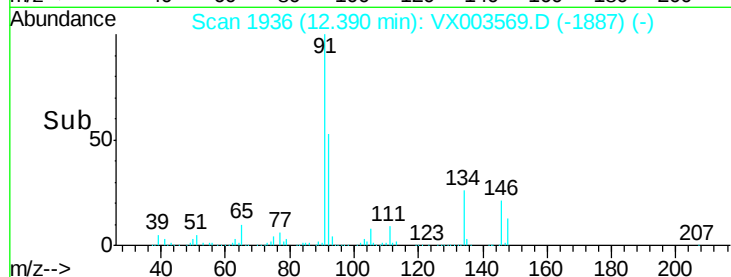
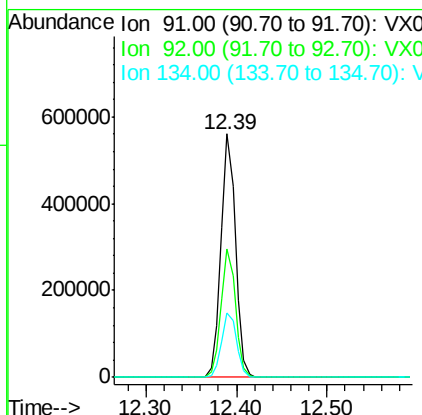
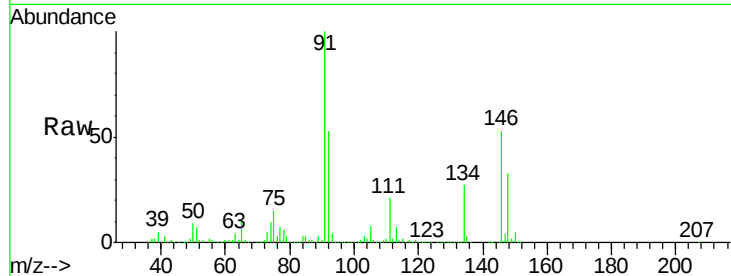




#89
n-Butylbenzene
Concen: 52.49 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. 0.00 min
Lab File: VX003569.D
Acq: 21 Jul 2018 21:58

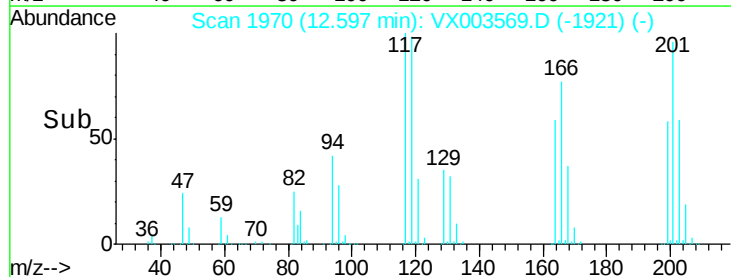
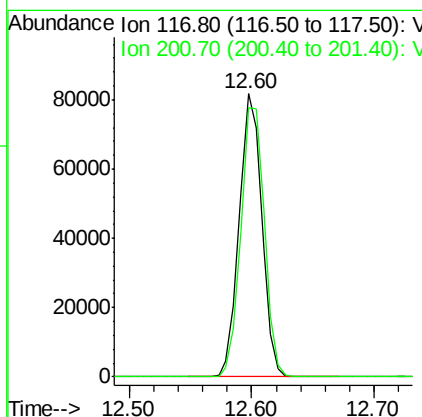
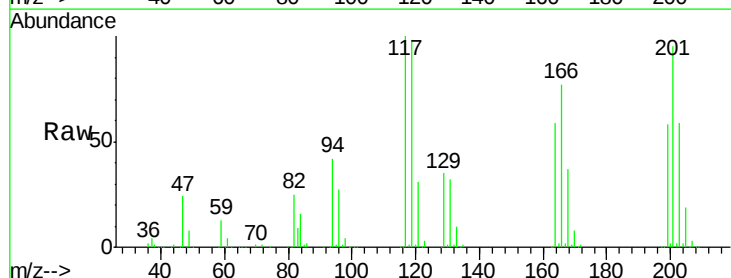
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

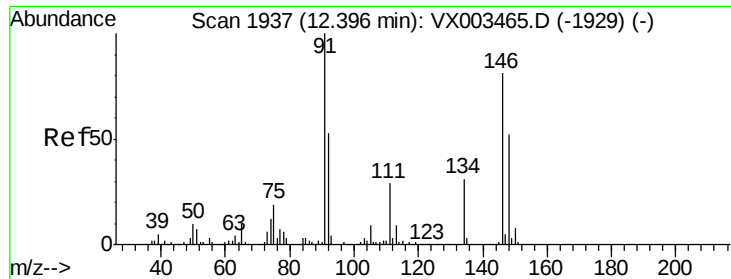
Tot Ion: 91 Resp: 629010
Ion Ratio Lower Upper
91 100
92 52.6 26.0 78.0
134 27.5 13.5 40.5



#90
Hexachloroethane
Concen: 51.88 ug/l
RT: 12.60 min Scan# 1970
Delta R.T. 0.00 min
Lab File: VX003569.D
Acq: 21 Jul 2018 21:58

Tgt Ion: 117 Resp: 104084
Ion Ratio Lower Upper
117 100
201 99.8 49.0 147.0





#91

1,2-Dichlorobenzene

Concen: 50.15 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. 0.00 min

Lab File: VX003569.D

Acq: 21 Jul 2018 21:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

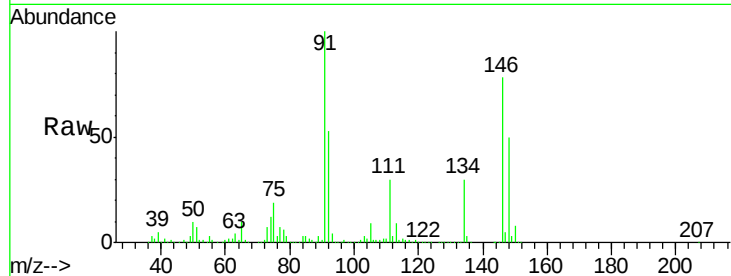
Tot Ion:146 Resp: 420352

Ion Ratio Lower Upper

146 100

111 38.7 19.4 58.1

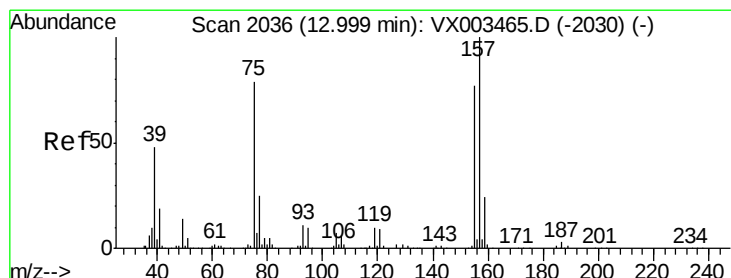
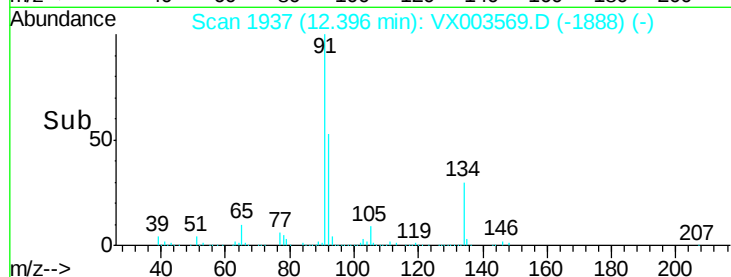
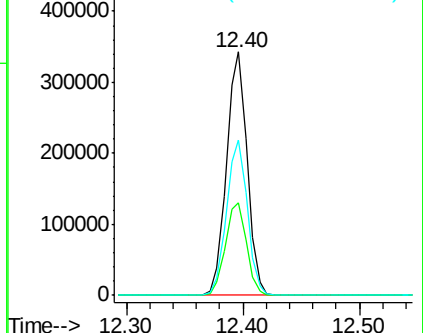
148 64.2 31.7 95.1



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 54.15 ug/l

RT: 13.01 min Scan# 2037

Delta R.T. 0.01 min

Lab File: VX003569.D

Acq: 21 Jul 2018 21:58

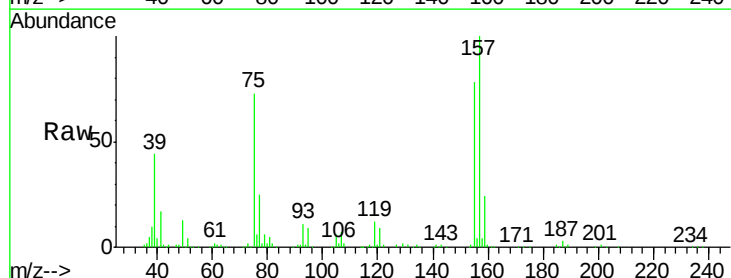
Tgt Ion: 75 Resp: 49672

Ion Ratio Lower Upper

75 100

155 100.0 45.8 137.4

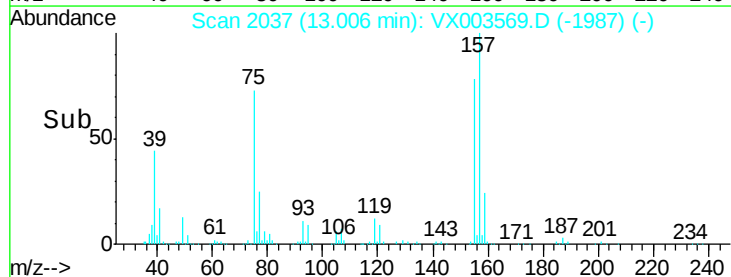
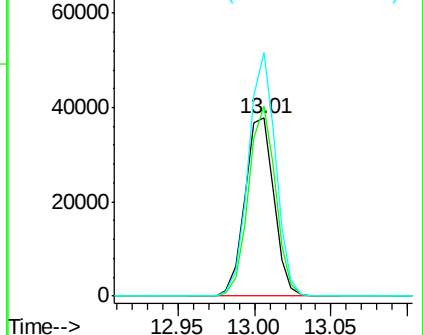
157 128.2 60.1 180.3

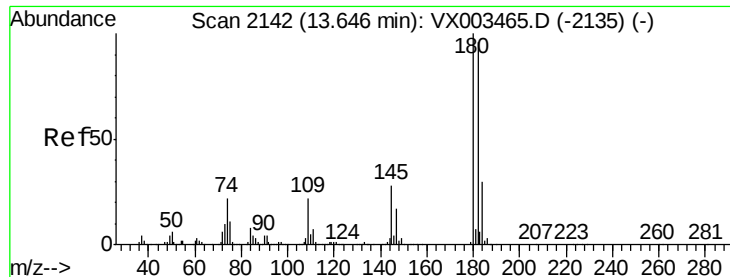


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

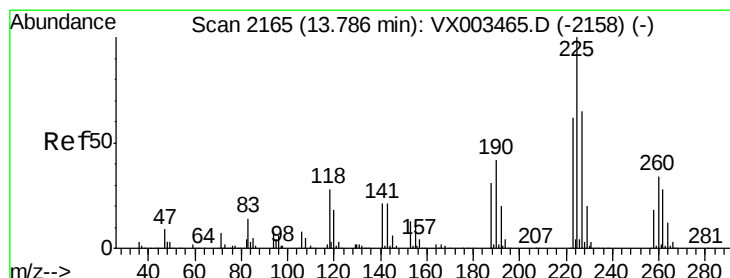
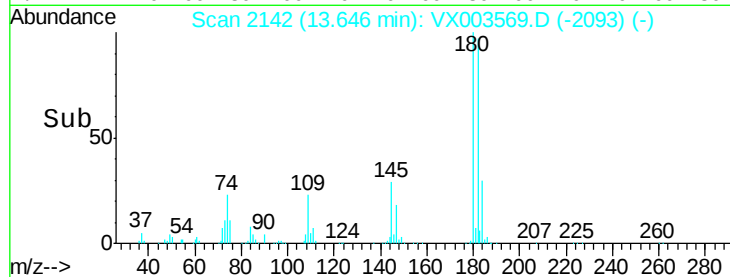
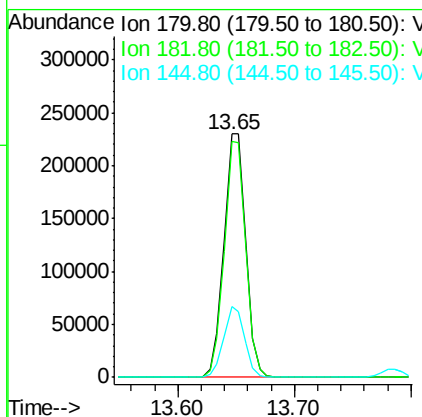
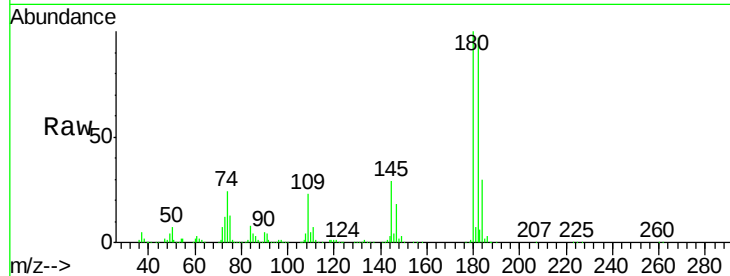




#93
 1,2,4-Trichlorobenzene
 Concen: 48.25 ug/l
 RT: 13.65 min Scan# 2142
 Delta R.T. 0.00 min
 Lab File: VX003569.D
 Acq: 21 Jul 2018 21:58

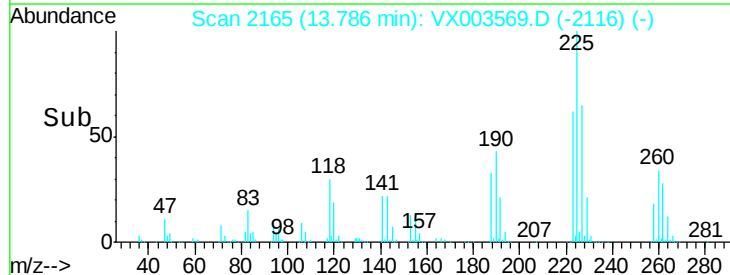
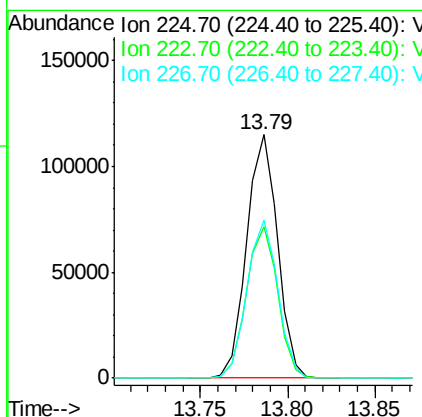
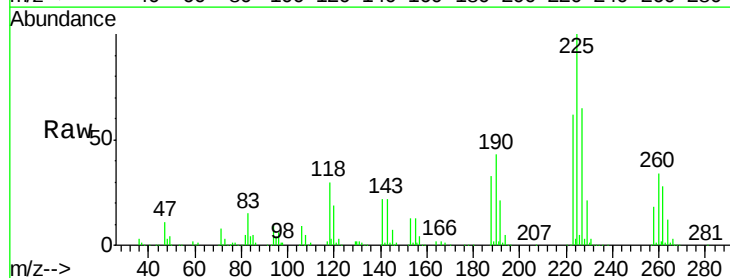
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

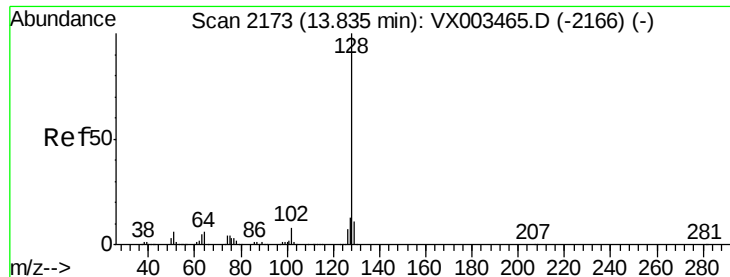
Tot Ion:180 Resp: 296423
 Ion Ratio Lower Upper
 180 100
 182 95.4 47.7 143.1
 145 27.8 14.1 42.4



#94
 Hexachlorobutadiene
 Concen: 47.62 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VX003569.D
 Acq: 21 Jul 2018 21:58

Tgt Ion:225 Resp: 140682
 Ion Ratio Lower Upper
 225 100
 223 63.0 31.6 95.0
 227 64.7 32.4 97.2

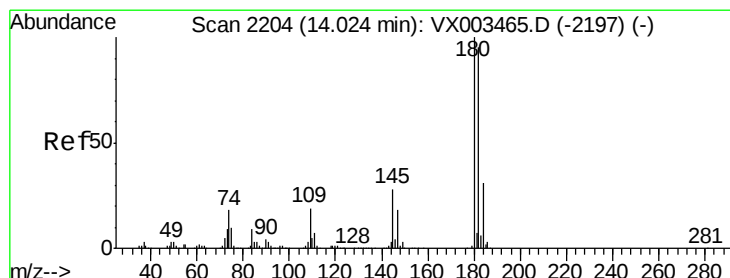
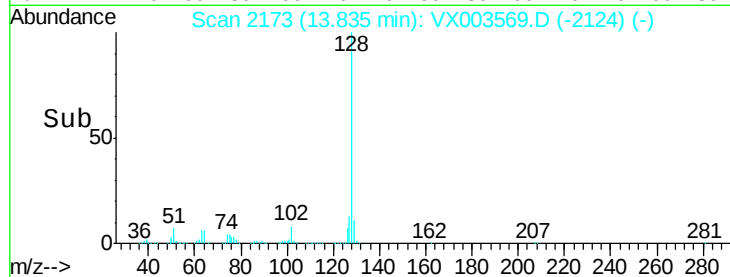
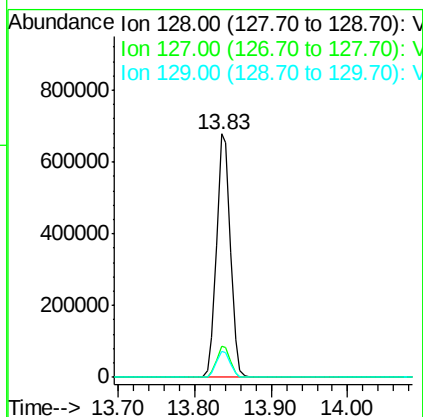
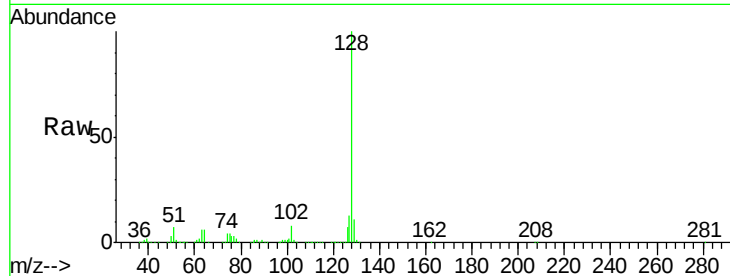




#95
Naphthalene
Concen: 52.53 ug/l
RT: 13.83 min Scan# 2173
Delta R.T. 0.00 min
Lab File: VX003569.D
Acq: 21 Jul 2018 21:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:128 Resp: 847910
Ion Ratio Lower Upper
128 100
127 12.9 10.4 15.6
129 10.9 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 49.47 ug/l
RT: 14.02 min Scan# 2204
Delta R.T. 0.00 min
Lab File: VX003569.D
Acq: 21 Jul 2018 21:58

Tgt Ion:180 Resp: 300858
Ion Ratio Lower Upper
180 100
182 95.1 48.0 144.0
145 29.6 14.8 44.3

