

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081518\
 Data File : VX004070.D
 Acq On : 15 Aug 2018 12:57
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Aug 15 15:50:33 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 14 13:27:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	308580	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	430977	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	417908	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	267122	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	211899	48.74	ug/l	0.00
Spiked Amount			Recovery	=	97.48%	
35) Dibromofluoromethane	5.50	113	175444	54.39	ug/l	0.00
Spiked Amount			Recovery	=	108.78%	
50) Toluene-d8	8.71	98	689713	52.74	ug/l	0.00
Spiked Amount			Recovery	=	105.48%	
62) 4-Bromofluorobenzene	11.14	95	255723	53.91	ug/l	0.00
Spiked Amount			Recovery	=	107.82%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	154043	51.28	ug/l	99
3) Chloromethane	1.32	50	171866	46.62	ug/l	99
4) Vinyl Chloride	1.40	62	187939	47.12	ug/l	99
5) Bromomethane	1.64	94	101215	50.08	ug/l	100
6) Chloroethane	1.72	64	132970	50.71	ug/l	98
7) Trichlorofluoromethane	1.93	101	271604	48.55	ug/l	100
8) Diethyl Ether	2.18	74	115149	47.14	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	172258	49.35	ug/l	100
10) Methyl Iodide	2.51	142	167546	45.45	ug/l	99
11) Tert butyl alcohol	3.04	59	200070	228.51	ug/l	99
12) 1,1-Dichloroethene	2.37	96	153216	47.20	ug/l	98
13) Acrolein	2.29	56	131041	221.89	ug/l	100
14) Allyl chloride	2.73	41	287716	46.58	ug/l	96
15) Acrylonitrile	3.14	53	506271	231.92	ug/l	100
16) Acetone	2.43	43	549209	242.96	ug/l	99
17) Carbon Disulfide	2.57	76	433686	47.10	ug/l	100
18) Methyl Acetate	2.77	43	233648	46.51	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	533490	46.65	ug/l	100
20) Methylene Chloride	2.86	84	182503	49.39	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	171398	46.49	ug/l	99
22) Diisopropyl ether	3.86	45	607204	50.17	ug/l	93
23) Vinyl Acetate	3.82	43	2566545	258.17	ug/l	99
24) 1,1-Dichloroethane	3.70	63	337935	49.29	ug/l	99
25) 2-Butanone	4.70	43	866061	235.47	ug/l	100
26) 2,2-Dichloropropane	4.58	77	258594	47.44	ug/l	98
27) cis-1,2-Dichloroethene	4.59	96	198880	47.97	ug/l	98
28) Bromochloromethane	5.02	49	156314	49.70	ug/l	99
29) Tetrahydrofuran	5.15	42	429882	228.77	ug/l	99
30) Chloroform	5.21	83	328022	49.03	ug/l	99
31) Cyclohexane	5.57	56	292735	48.71	ug/l	100
32) 1,1,1-Trichloroethane	5.49	97	277624	49.65	ug/l	98
36) 1,1-Dichloropropene	5.80	75	251895	51.36	ug/l	100
37) Ethyl Acetate	4.85	43	257018	48.13	ug/l	100
38) Carbon Tetrachloride	5.78	117	246706	51.78	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	305343	54.88	ug/l	100
40) Benzene	6.14	78	758298	51.49	ug/l	100
41) Methacrylonitrile	5.06	41	145097	48.51	ug/l	99
42) 1,2-Dichloroethane	6.20	62	260160	50.47	ug/l	99
43) Isopropyl Acetate	6.46	43	393291	49.96	ug/l	100
44) Trichloroethene	7.21	130	201256	50.34	ug/l	90
45) 1,2-Dichloropropane	7.52	63	193344	51.29	ug/l	99
46) Dibromomethane	7.67	93	125751	51.04	ug/l	98
47) Bromodichloromethane	7.90	83	243680	52.23	ug/l	100
48) Methyl methacrylate	7.78	41	211100	53.27	ug/l	99
49) 1,4-Dioxane	7.76	88	92671	1038.71	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	1698940	263.21	ug/l	100
52) Toluene	8.79	92	489640	52.57	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	275344	54.62	ug/l	99
54) cis-1,3-Dichloropropene	8.44	75	301591	54.03	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	193397	50.28	ug/l	98
56) Ethyl methacrylate	9.18	69	286346	54.75	ug/l	100
57) 1,3-Dichloropropane	9.37	76	329852	51.69	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	763910	286.85	ug/l	100
59) 2-Hexanone	9.50	43	1308275	269.31	ug/l	100
60) Dibromochloromethane	9.59	129	196865	53.19	ug/l	100
61) 1,2-Dibromoethane	9.67	107	204329	52.12	ug/l	99
64) Tetrachloroethene	9.34	164	199995	50.49	ug/l	96
65) Chlorobenzene	10.14	112	540871	50.10	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.23	131	185532	50.39	ug/l	98
67) Ethyl Benzene	10.25	91	911742	53.34	ug/l	96
68) m/p-Xylenes	10.36	106	735529	109.88	ug/l	96
69) o-Xylene	10.70	106	343253	53.66	ug/l	96
70) Styrene	10.71	104	585929	54.42	ug/l	98
71) Bromoform	10.86	173	149992	51.37	ug/l	98
73) Isopropylbenzene	11.02	105	951791	52.65	ug/l	97
74) N-amyl acetate	6.46	43	393291	46.26	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	301621	47.78	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	349491	65.24	ug/l	84
77) Bromobenzene	11.26	156	247287	49.62	ug/l	100
78) n-propylbenzene	11.36	91	1105159	54.63	ug/l	100
79) 2-Chlorotoluene	11.42	91	646771	52.46	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	761972	51.48	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	90352	52.21	ug/l	98
82) 4-Chlorotoluene	11.51	91	753652	51.72	ug/l	99
83) tert-Butylbenzene	11.77	119	771894	51.72	ug/l	100
84) 1,2,4-Trimethylbenzene	11.81	105	822760	53.67	ug/l	100
85) sec-Butylbenzene	11.94	105	936852	53.64	ug/l	99
86) p-Isopropyltoluene	12.07	119	851659	53.86	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	462474	48.66	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	472550	48.31	ug/l	100
89) n-Butylbenzene	12.39	91	687975	55.21	ug/l	100
90) Hexachloroethane	12.60	117	116133	49.08	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	422836	49.33	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	13.00	75	53008	47.78	ug/l	98

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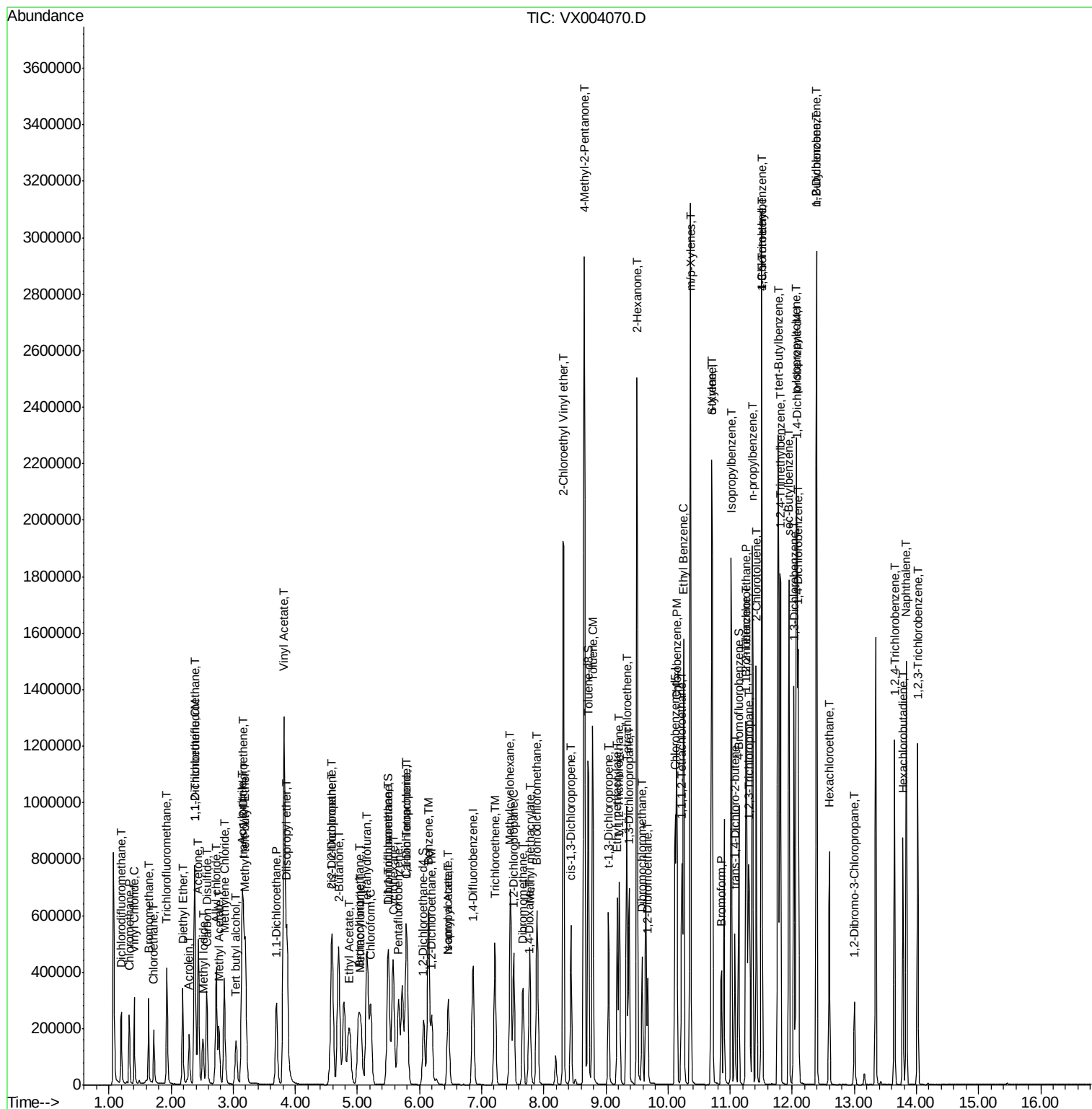
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

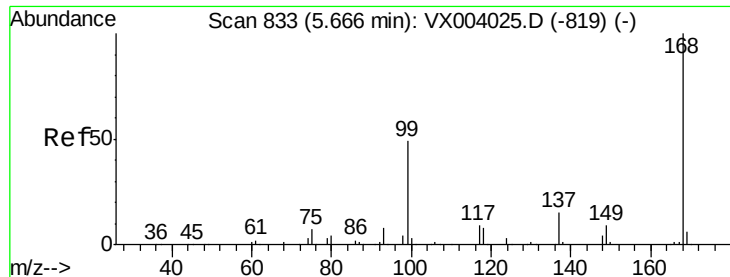
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QLast Update : Tue Aug 14 13:27:25 2018
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	291085	49.68	ug/l	97
94) Hexachlorobutadiene	13.79	225	142202	48.42	ug/l	99
95) Naphthalene	13.83	128	924056	49.49	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	311523	48.76	ug/l	99

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

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.66 min Scan# 832

Delta R.T. -0.01 min

Lab File: VX004070.D

Acq: 15 Aug 2018 12:57

Instrument :

MSVOA_X

ClientSampleId :

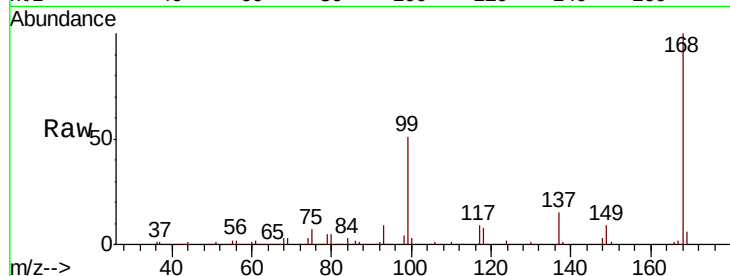
VSTDCCC050

Tot Ion:168 Resp: 308580

Ion Ratio Lower Upper

168 100

99 50.7 40.1 60.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

120000

100000

80000

60000

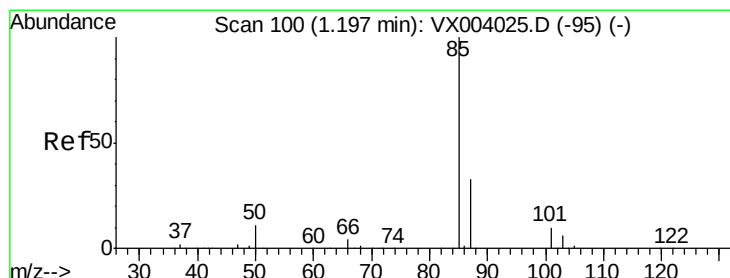
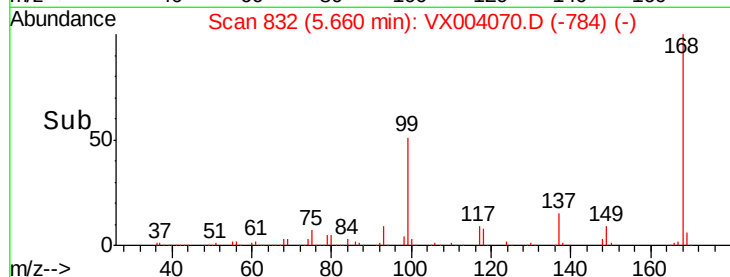
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 51.28 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX004070.D

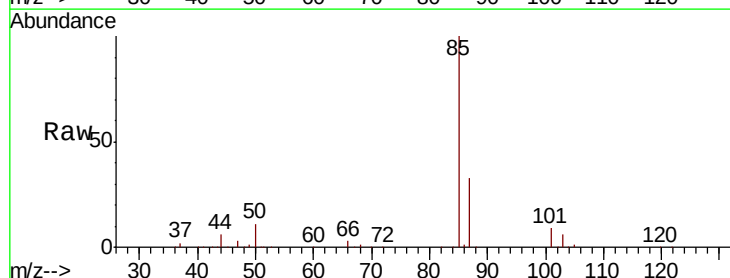
Acq: 15 Aug 2018 12:57

Tgt Ion: 85 Resp: 154043

Ion Ratio Lower Upper

85 100

87 32.5 16.0 48.0



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

150000

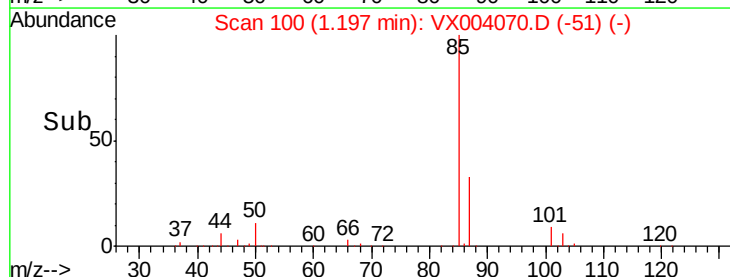
100000

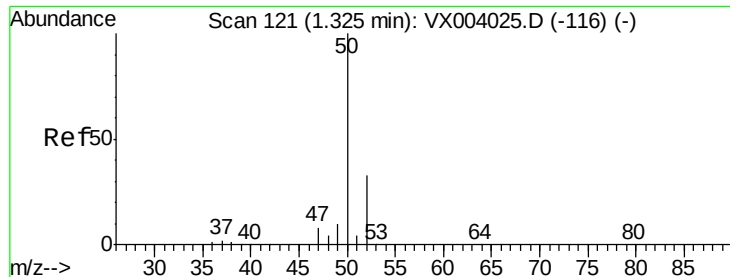
50000

0

Time-->

1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 46.62 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX004070.D

Acq: 15 Aug 2018 12:57

Instrument :

MSVOA_X

ClientSampleId :

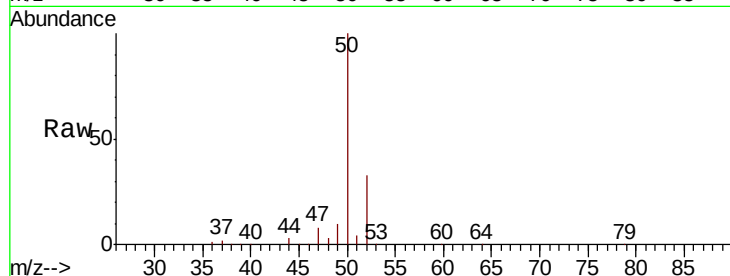
VSTDCCC050

Tot Ion: 50 Resp: 171866

Ion Ratio Lower Upper

50 100

52 32.6 26.6 39.8



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.32

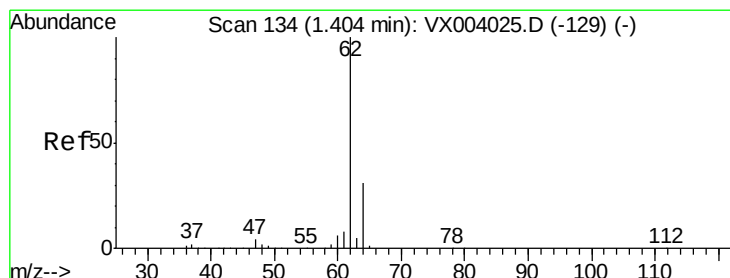
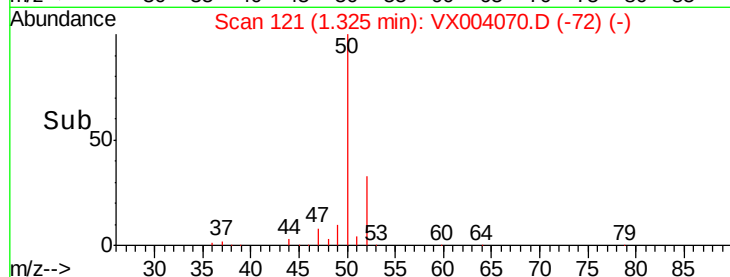
150000

100000

50000

0

Time--> 1.25 1.30 1.35 1.40



#4

Vinyl Chloride

Concen: 47.12 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX004070.D

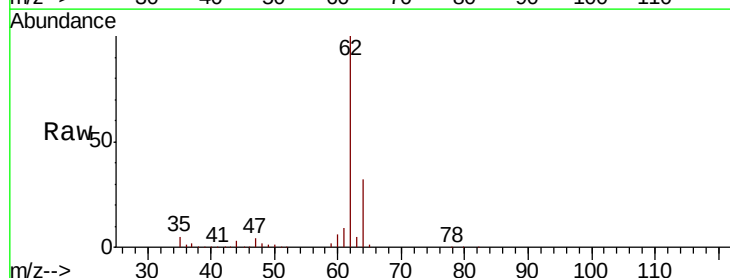
Acq: 15 Aug 2018 12:57

Tgt Ion: 62 Resp: 187939

Ion Ratio Lower Upper

62 100

64 32.1 26.0 39.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.40

200000

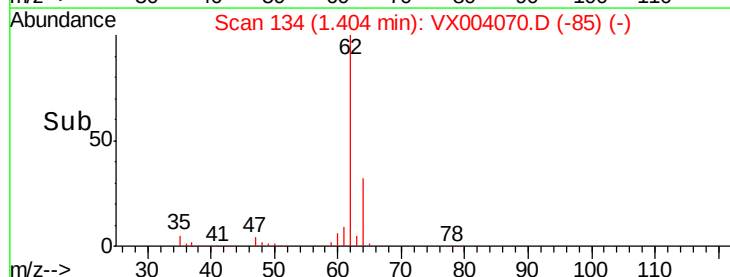
150000

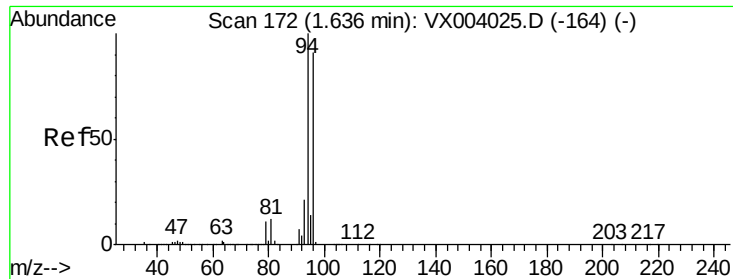
100000

50000

0

Time--> 1.35 1.40 1.45 1.50





#5

Bromomethane

Concen: 50.08 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX004070.D

Acq: 15 Aug 2018 12:57

Instrument :

MSVOA_X

ClientSampleId :

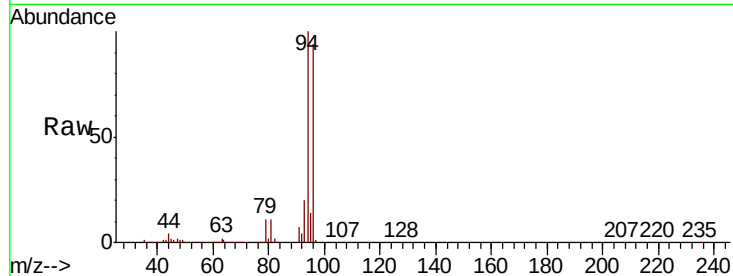
VSTDCCC050

Tot Ion: 94 Resp: 101215

Ion Ratio Lower Upper

94 100

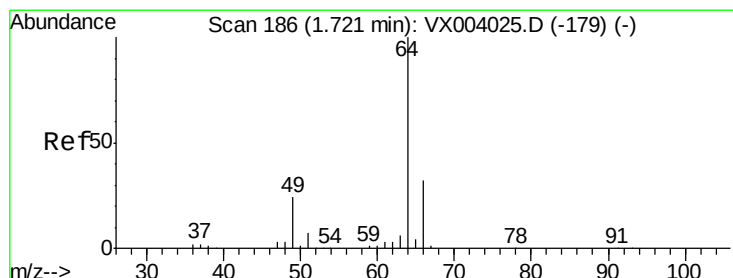
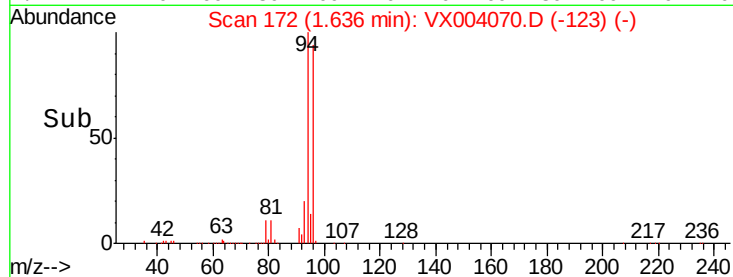
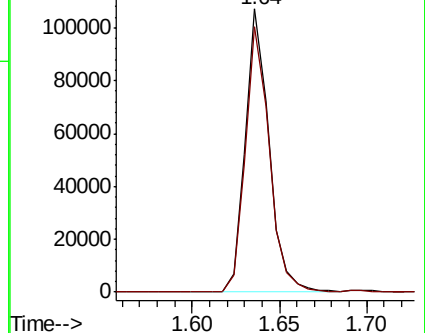
96 94.0 75.2 112.8



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64



#6

Chloroethane

Concen: 50.71 ug/l

RT: 1.72 min Scan# 186

Delta R.T. 0.00 min

Lab File: VX004070.D

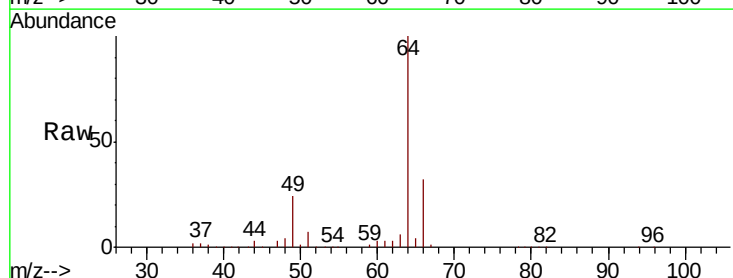
Acq: 15 Aug 2018 12:57

Tgt Ion: 64 Resp: 132970

Ion Ratio Lower Upper

64 100

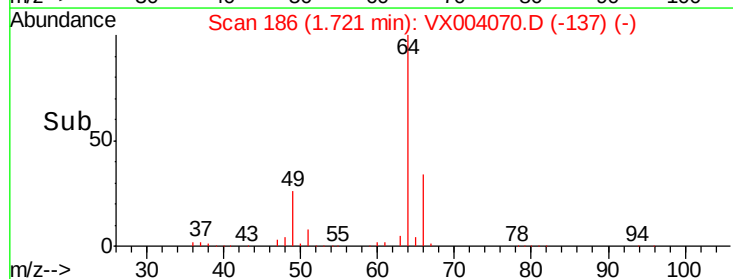
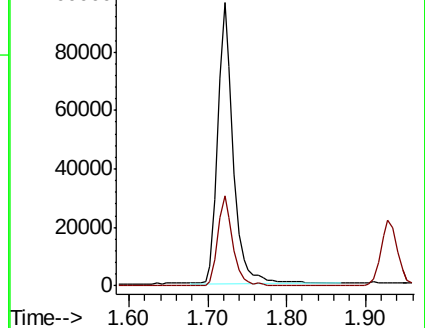
66 32.1 26.5 39.7

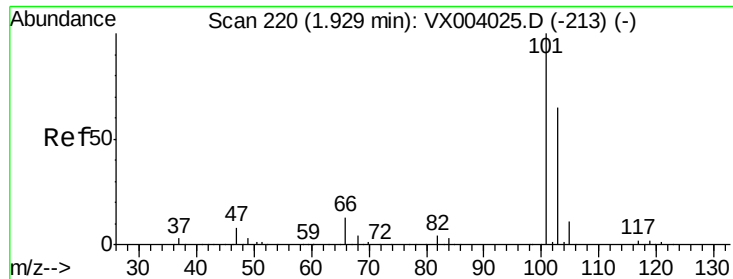


Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.72





#7

Trichlorofluoromethane

Concen: 48.55 ug/l

RT: 1.93 min Scan# 220

Delta R.T. 0.00 min

Lab File: VX004070.D

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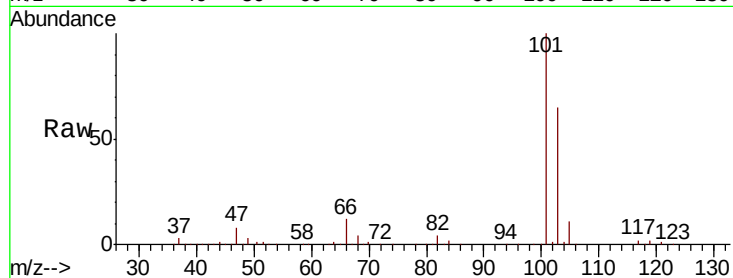
VSTDCCC050

Tot Ion:101 Resp: 271604

Ion Ratio Lower Upper

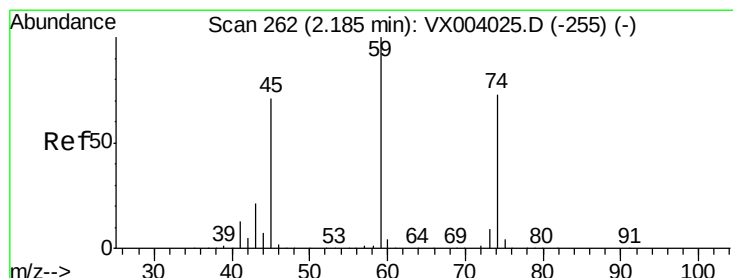
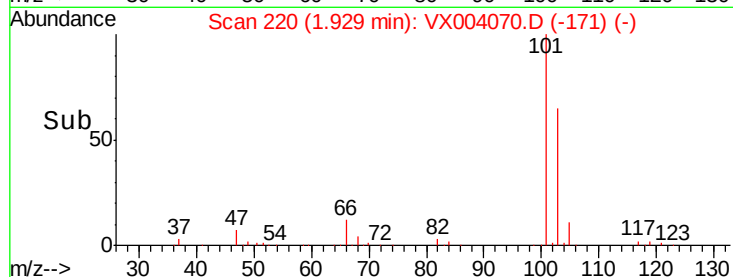
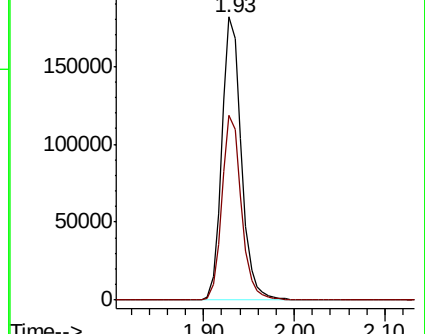
101 100

103 65.3 52.3 78.5



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V



#8

Diethyl Ether

Concen: 47.14 ug/l

RT: 2.18 min Scan# 262

Delta R.T. 0.00 min

Lab File: VX004070.D

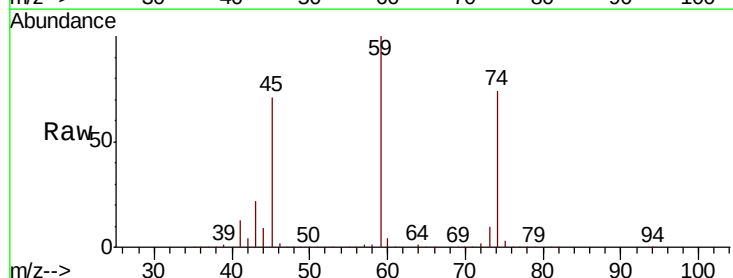
Acq: 15 Aug 2018 12:57

Tgt Ion: 74 Resp: 115149

Ion Ratio Lower Upper

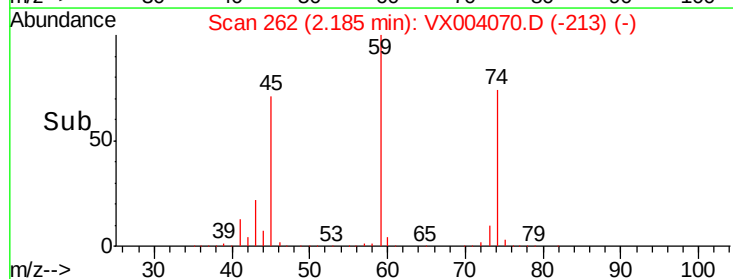
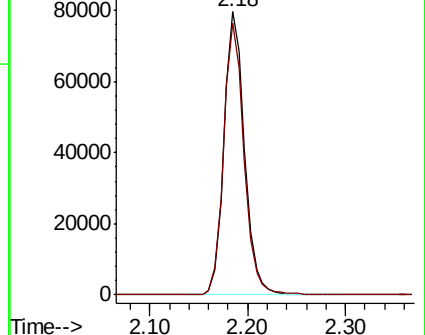
74 100

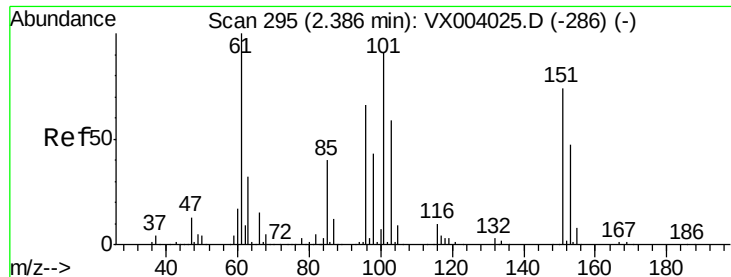
45 95.6 48.3 144.9



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: 49.35 ug/l

RT: 2.39 min Scan# 295

Delta R.T. -0.00 min

Lab File: VX004070.D

Acq: 15 Aug 2018 12:57

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VSTDCCC050

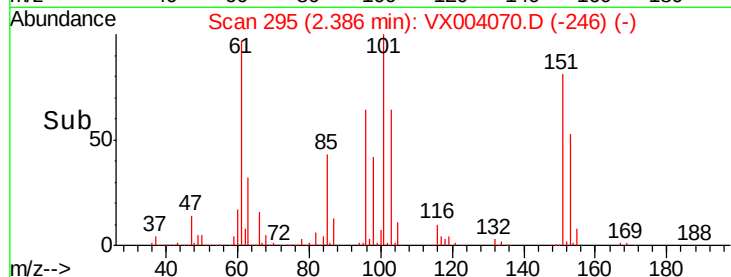
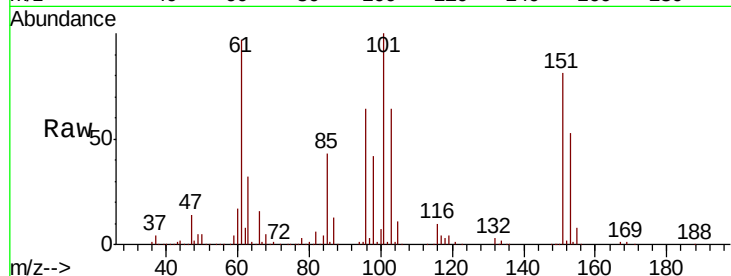
Tot Ion:101 Resp: 172258

Ion Ratio Lower Upper

101 100

85 42.7 34.2 51.4

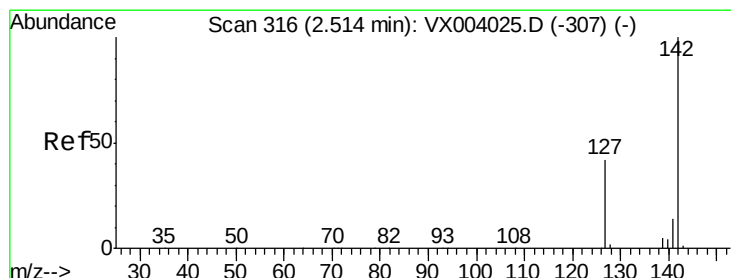
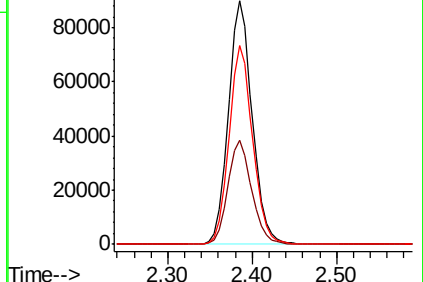
151 80.7 65.0 97.4



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 45.45 ug/l

RT: 2.51 min Scan# 316

Delta R.T. 0.00 min

Lab File: VX004070.D

Acq: 15 Aug 2018 12:57

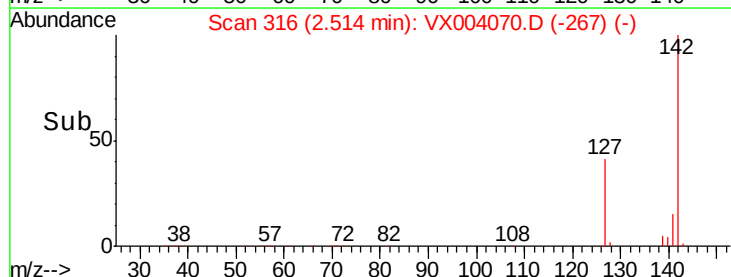
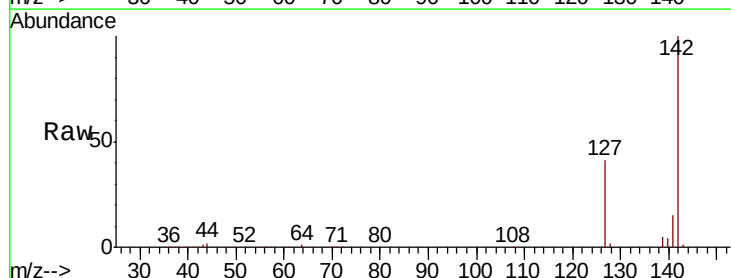
Tgt Ion:142 Resp: 167546

Ion Ratio Lower Upper

142 100

127 42.2 33.1 49.7

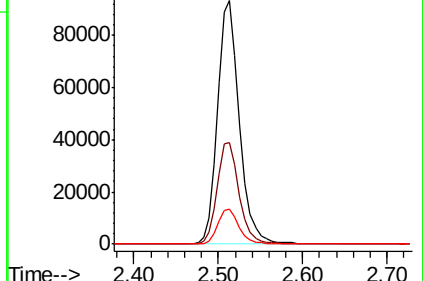
141 14.2 11.1 16.7

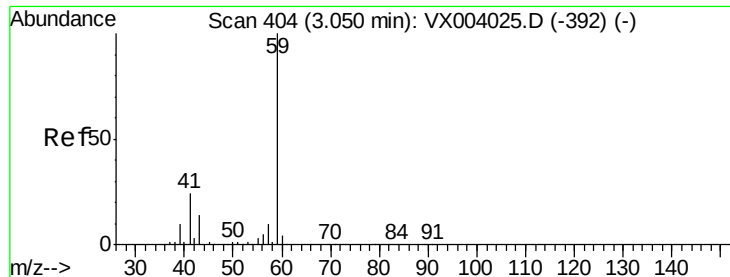


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

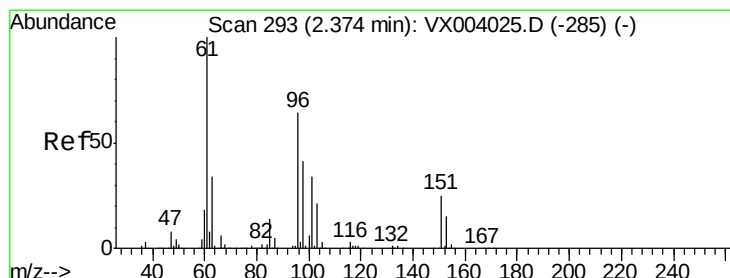
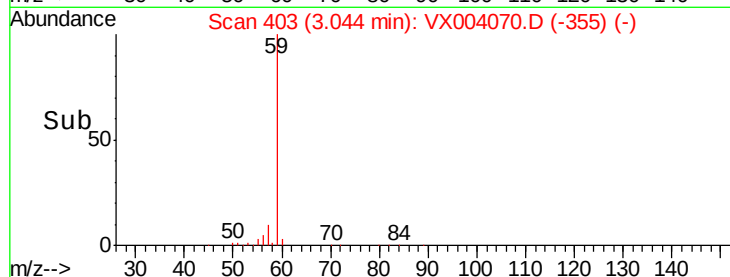
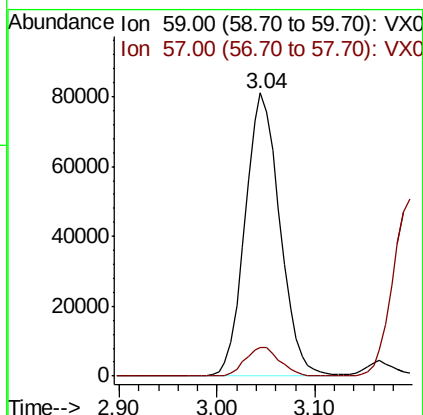
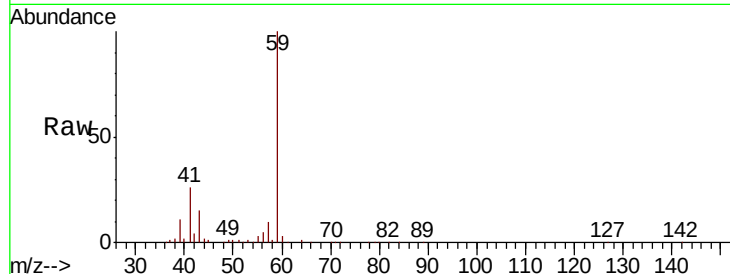




#11
Tert butyl alcohol
Concen: 228.51 ug/l
RT: 3.04 min Scan# 403
Delta R.T. -0.01 min
Lab File: VX004070.D
Acq: 15 Aug 2018 12:57

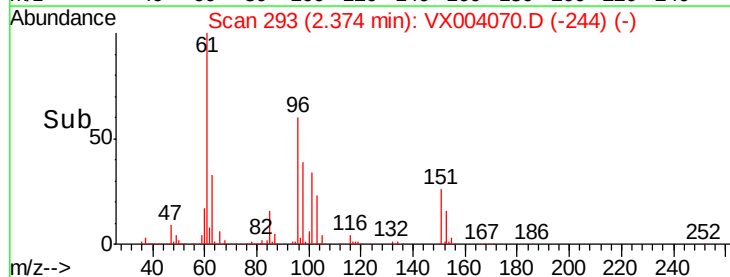
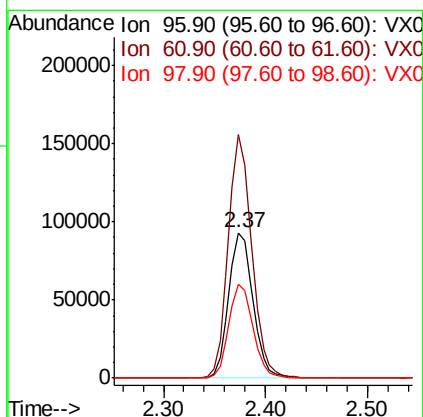
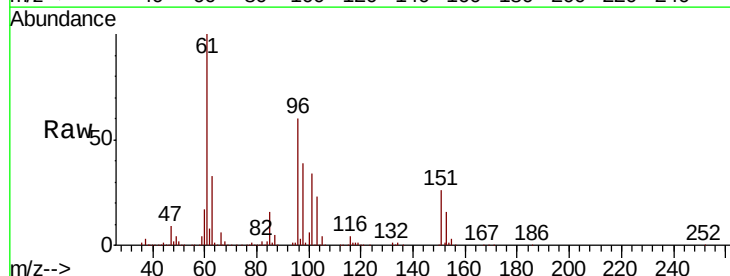
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

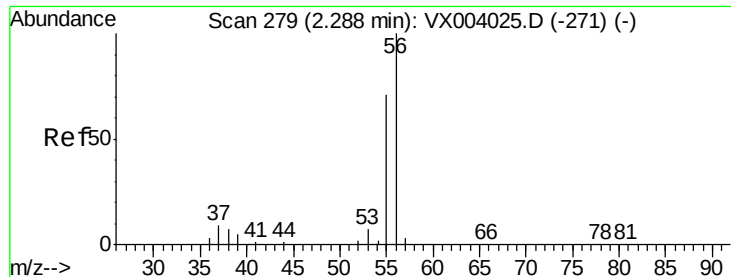
Tot Ion: 59 Resp: 200070
Ion Ratio Lower Upper
59 100
57 10.3 8.1 12.1



#12
1,1-Dichloroethene
Concen: 47.20 ug/l
RT: 2.37 min Scan# 293
Delta R.T. -0.00 min
Lab File: VX004070.D
Acq: 15 Aug 2018 12:57

Tgt Ion: 96 Resp: 153216
Ion Ratio Lower Upper
96 100
61 167.1 131.3 196.9
98 64.7 51.8 77.6





#13

Acrolein

Concen: 221.89 ug/l

RT: 2.29 min Scan# 279

Delta R.T. 0.00 min

Lab File: VX004070.D

Acq: 15 Aug 2018 12:57

Instrument :

MSVOA_X

ClientSampleId :

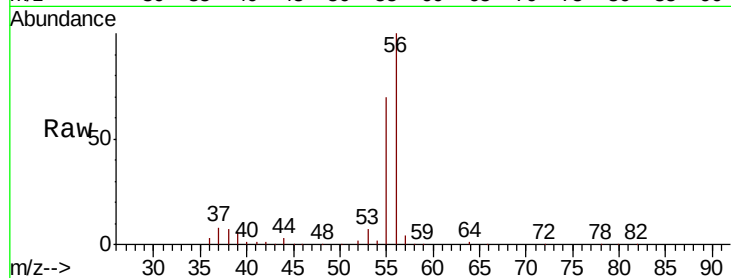
VSTDCCC050

Tot Ion: 56 Resp: 131041

Ion Ratio Lower Upper

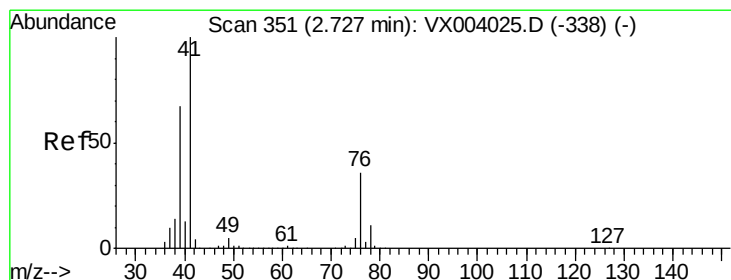
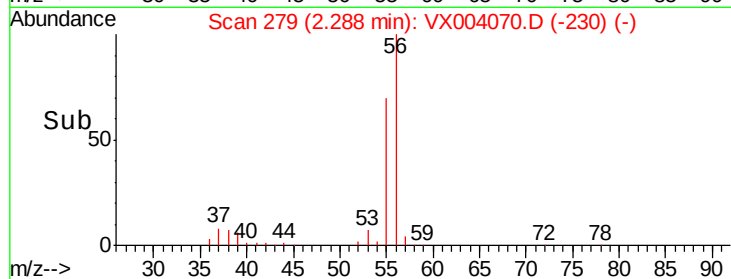
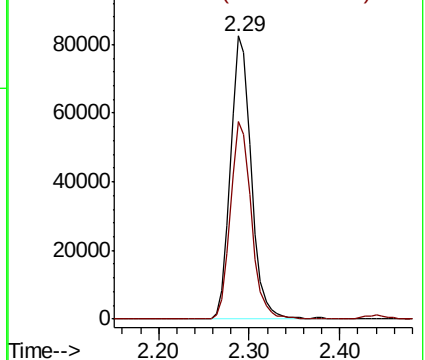
56 100

55 70.4 56.1 84.1



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 46.58 ug/l

RT: 2.73 min Scan# 351

Delta R.T. -0.00 min

Lab File: VX004070.D

Acq: 15 Aug 2018 12:57

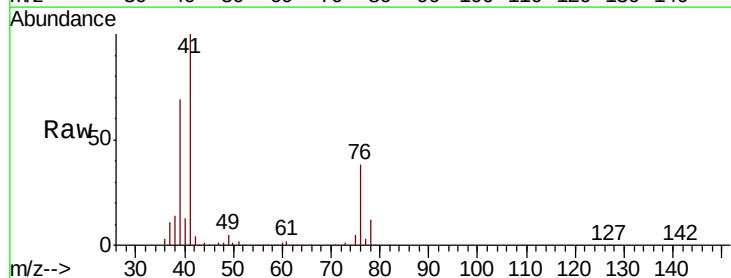
Tgt Ion: 41 Resp: 287716

Ion Ratio Lower Upper

41 100

39 63.1 47.4 71.0

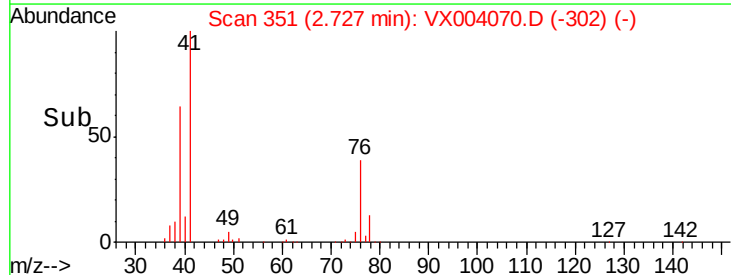
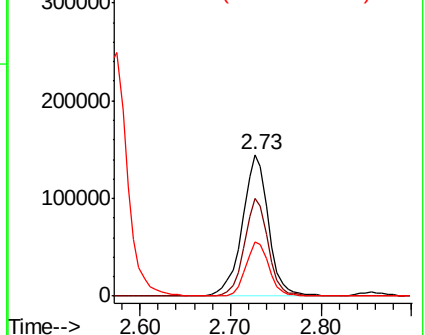
76 33.9 26.0 39.0

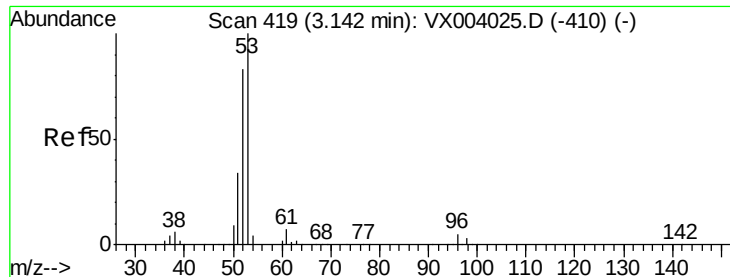


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 231.92 ug/l

RT: 3.14 min Scan# 419

Delta R.T. 0.00 min

Lab File: VX004070.D

Acq: 15 Aug 2018 12:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

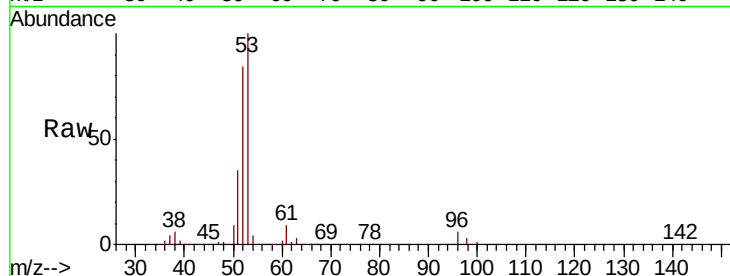
Tot Ion: 53 Resp: 506271

Ion Ratio Lower Upper

53 100

52 82.0 65.3 97.9

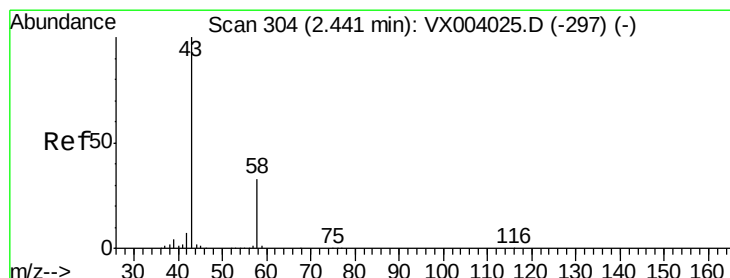
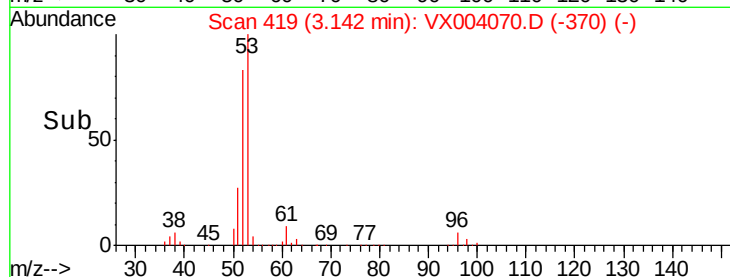
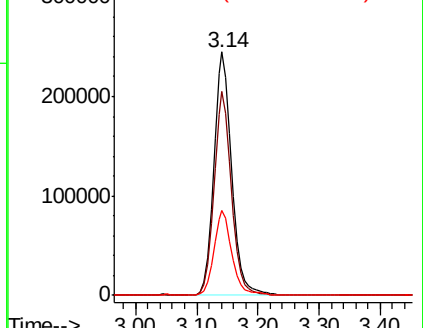
51 35.2 27.9 41.9



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: 242.96 ug/l

RT: 2.43 min Scan# 303

Delta R.T. -0.01 min

Lab File: VX004070.D

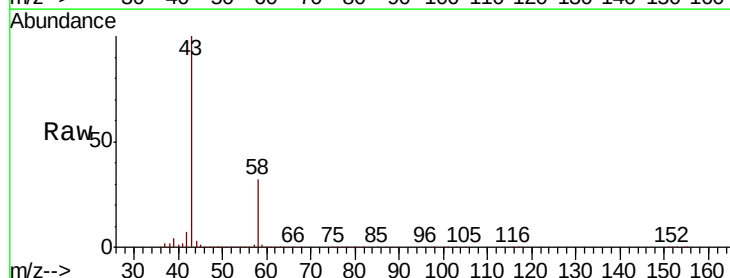
Acq: 15 Aug 2018 12:57

Tgt Ion: 43 Resp: 549209

Ion Ratio Lower Upper

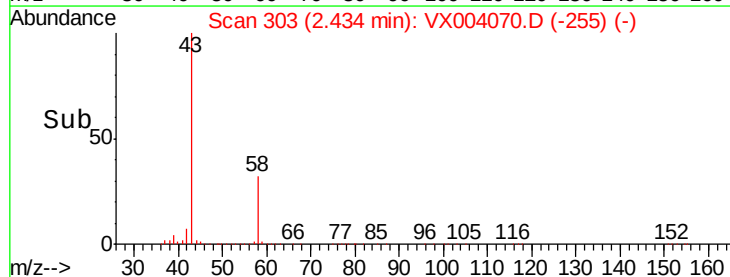
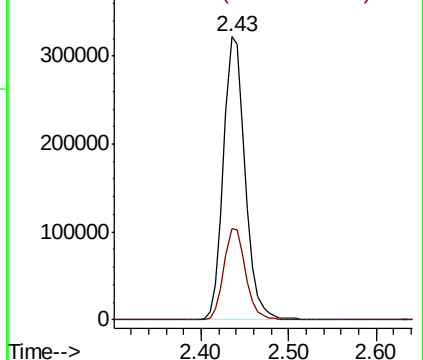
43 100

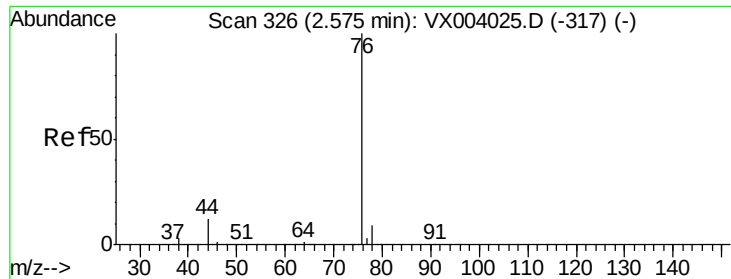
58 32.4 26.4 39.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 47.10 ug/l

RT: 2.57 min Scan# 326

Delta R.T. -0.00 min

Lab File: VX004070.D

Acq: 15 Aug 2018 12:57

Instrument :

MSVOA_X

ClientSampleId :

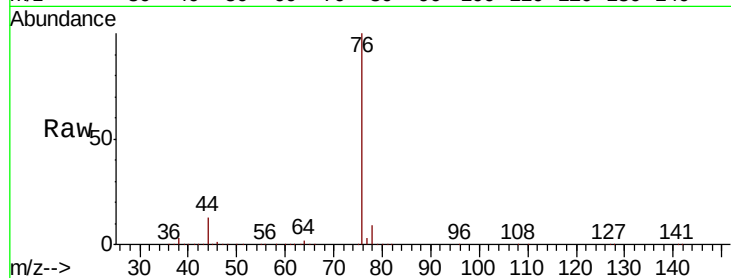
VSTDCCC050

Tot Ion: 76 Resp: 433686

Ion Ratio Lower Upper

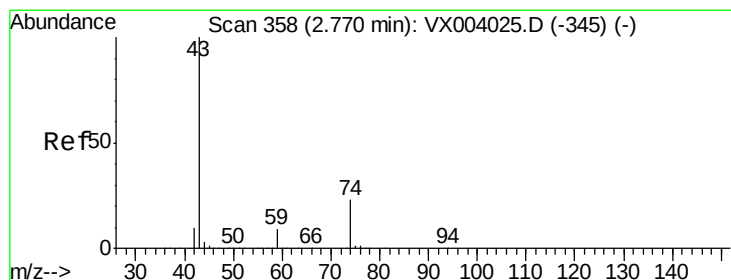
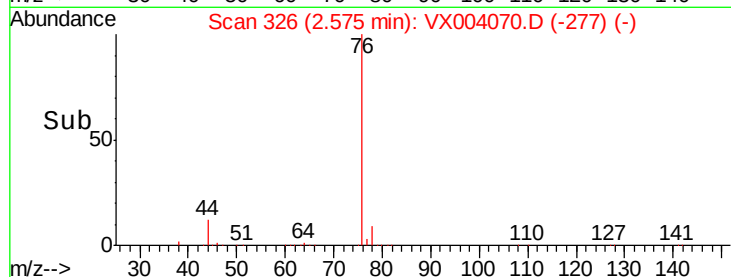
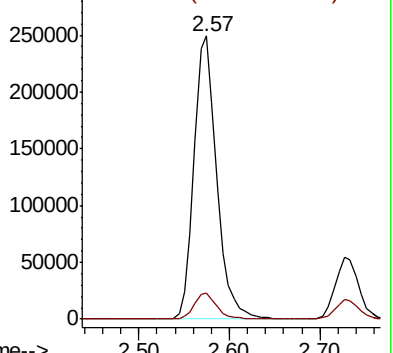
76 100

78 9.3 7.5 11.3



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 46.51 ug/l

RT: 2.77 min Scan# 358

Delta R.T. 0.00 min

Lab File: VX004070.D

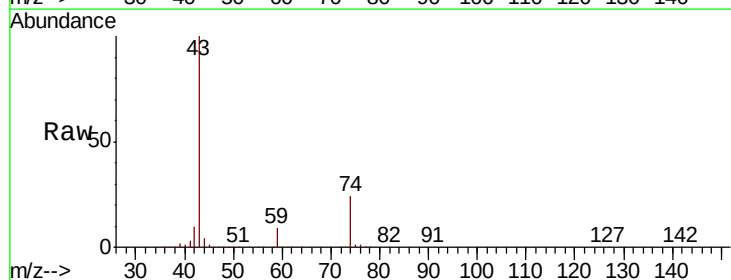
Acq: 15 Aug 2018 12:57

Tgt Ion: 43 Resp: 233648

Ion Ratio Lower Upper

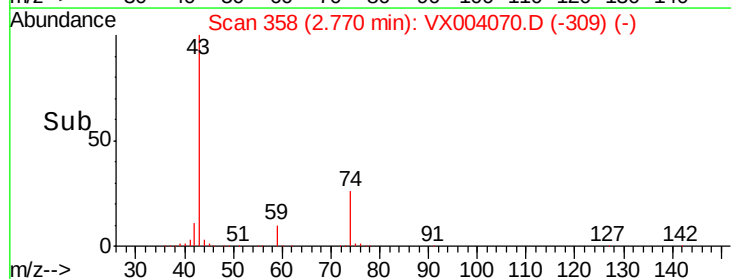
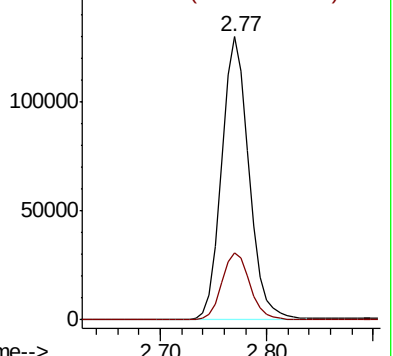
43 100

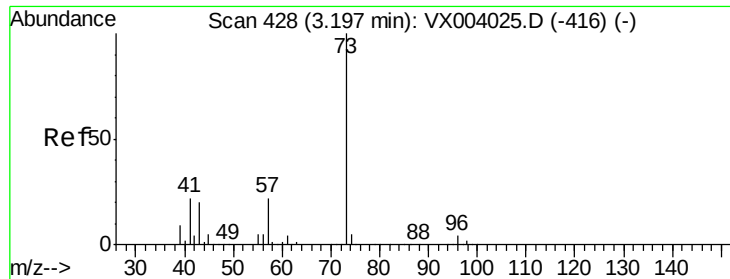
74 24.7 18.9 28.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

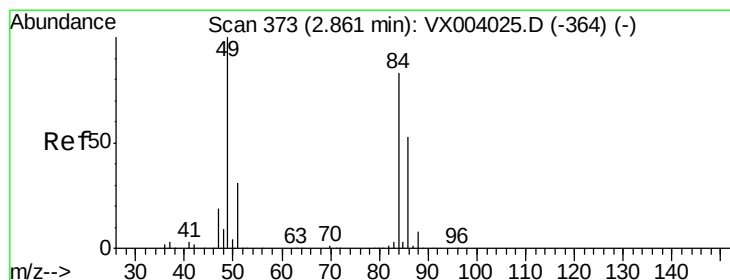
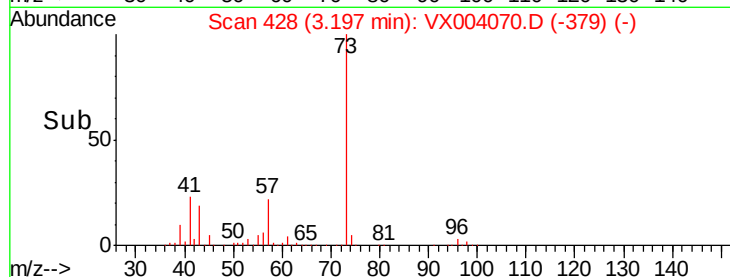
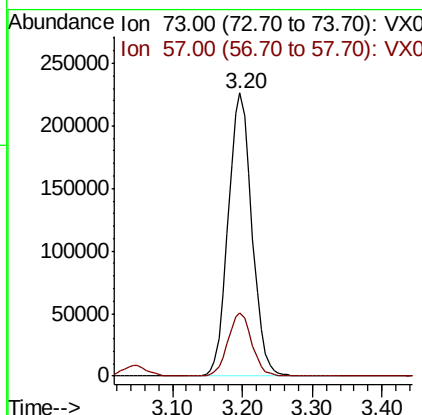
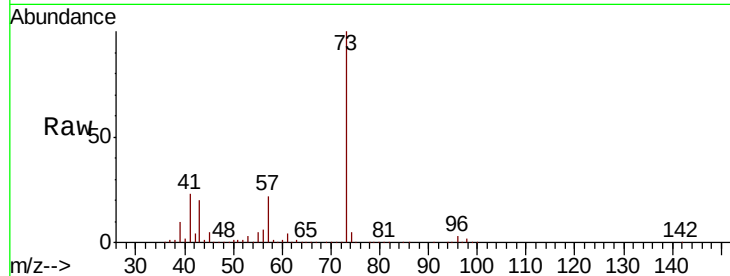




#19
Methvl tert-butvl Ether
Concen: 46.65 ug/l
RT: 3.20 min Scan# 428
Delta R.T. 0.00 min
Lab File: VX004070.D
Acq: 15 Aug 2018 12:57

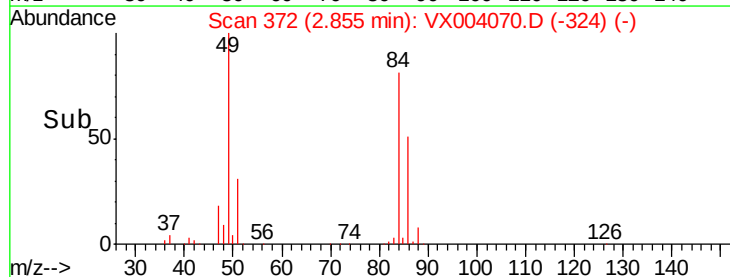
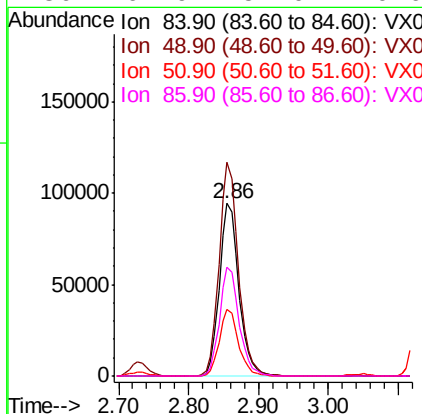
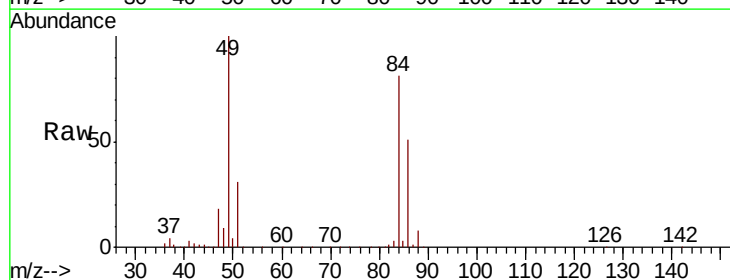
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

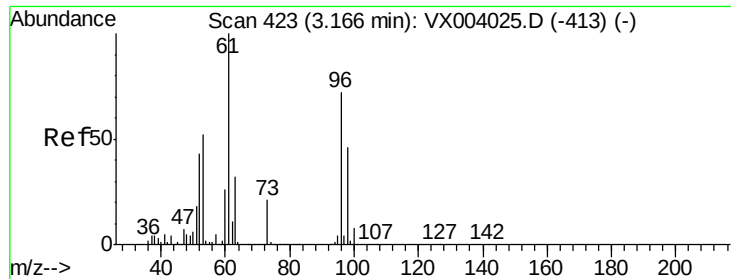
Tot Ion: 73 Resp: 533490
Ion Ratio Lower Upper
73 100
57 22.3 18.0 27.0



#20
Methylene Chloride
Concen: 49.39 ug/l
RT: 2.86 min Scan# 372
Delta R.T. -0.01 min
Lab File: VX004070.D
Acq: 15 Aug 2018 12:57

Tgt Ion: 84 Resp: 182503
Ion Ratio Lower Upper
84 100
49 123.7 98.9 148.3
51 38.8 29.9 44.9
86 62.9 51.0 76.6





#21

trans-1,2-Dichloroethene

Concen: 46.49 ug/l

RT: 3.17 min Scan# 423

Delta R.T. 0.00 min

Lab File: VX004070.D

Acq: 15 Aug 2018 12:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

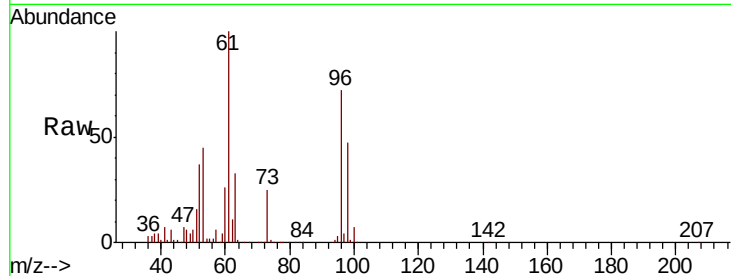
Tot Ion: 96 Resp: 171398

Ion Ratio Lower Upper

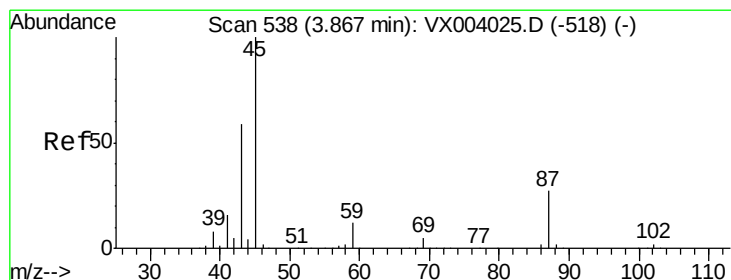
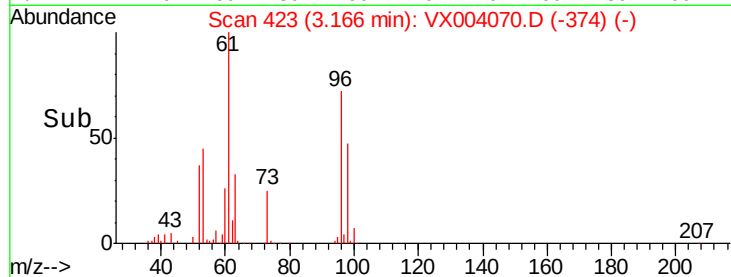
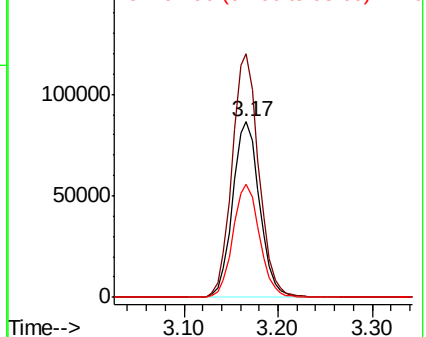
96 100

61 138.7 111.8 167.6

98 64.7 51.8 77.6



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: 50.17 ug/l

RT: 3.86 min Scan# 537

Delta R.T. -0.01 min

Lab File: VX004070.D

Acq: 15 Aug 2018 12:57

Tgt Ion: 45 Resp: 607204

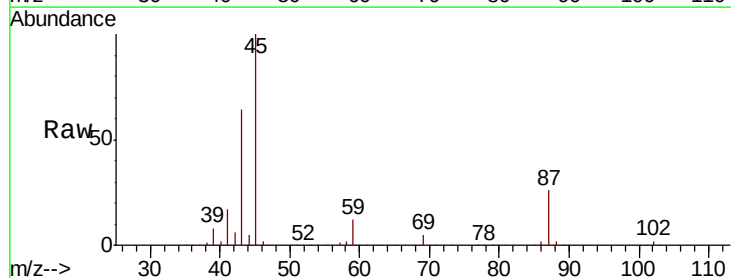
Ion Ratio Lower Upper

45 100

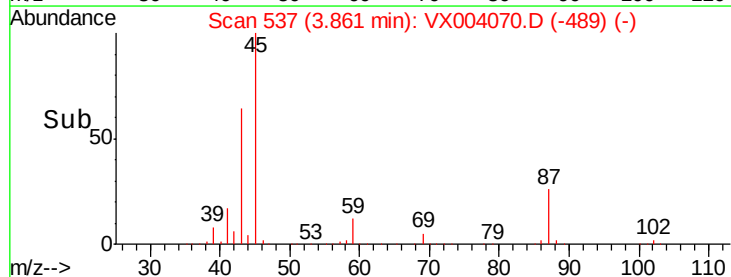
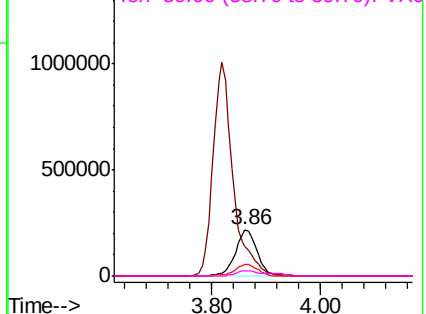
43 63.8 45.3 67.9

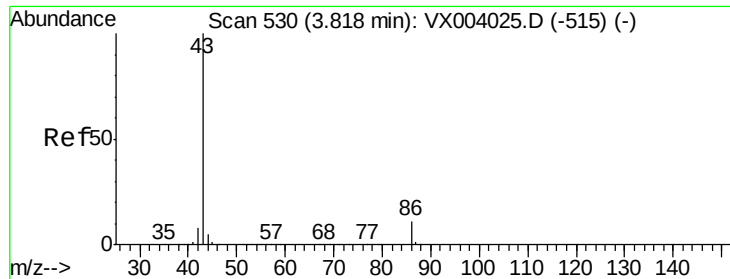
87 26.1 22.7 34.1

59 11.7 9.6 14.4



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: 258.17 ug/l

RT: 3.82 min Scan# 530

Delta R.T. -0.00 min

Lab File: VX004070.D

Acq: 15 Aug 2018 12:57

Instrument :

MSVOA_X

ClientSampleId :

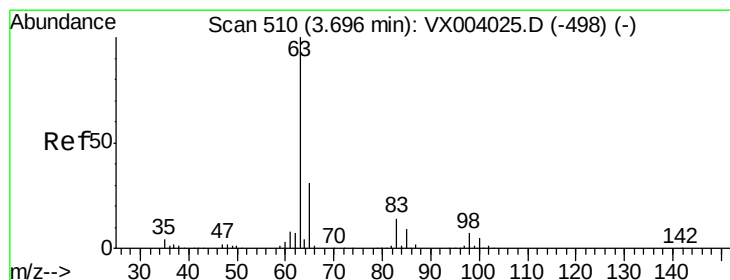
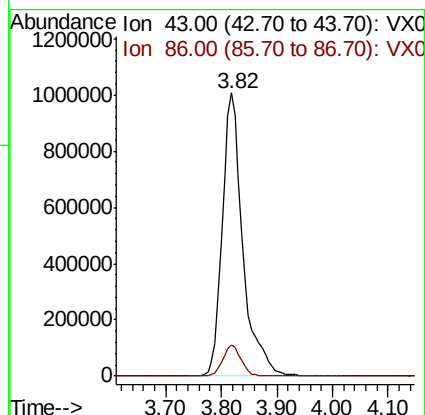
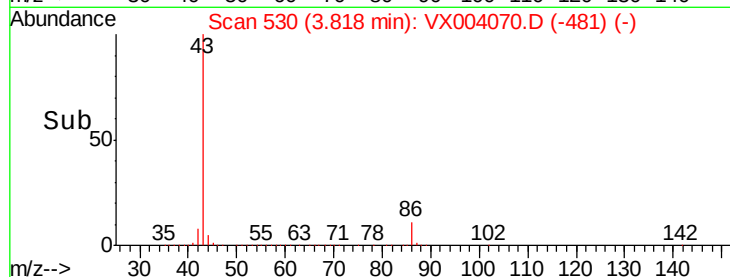
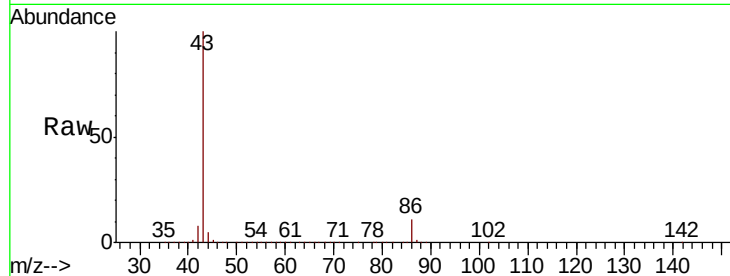
VSTDCCC050

Tot Ion: 43 Resp: 2566545

Ion Ratio Lower Upper

43 100

86 10.8 8.9 13.3



#24

1,1-Dichloroethane

Concen: 49.29 ug/l

RT: 3.70 min Scan# 510

Delta R.T. -0.00 min

Lab File: VX004070.D

Acq: 15 Aug 2018 12:57

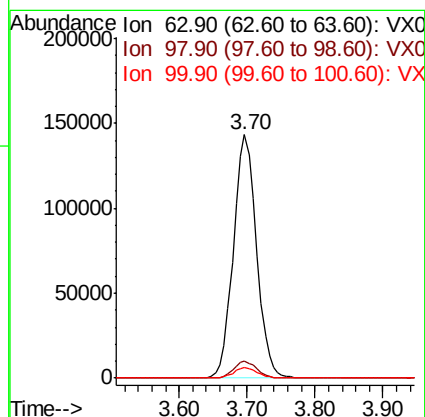
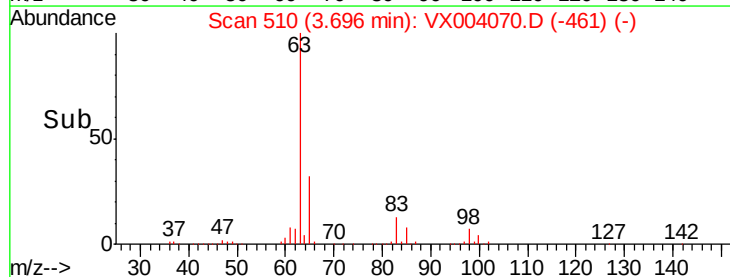
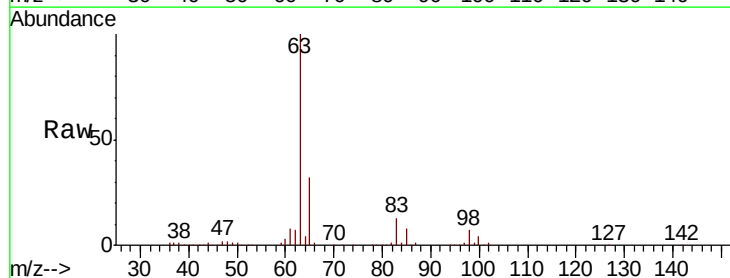
Tgt Ion: 63 Resp: 337935

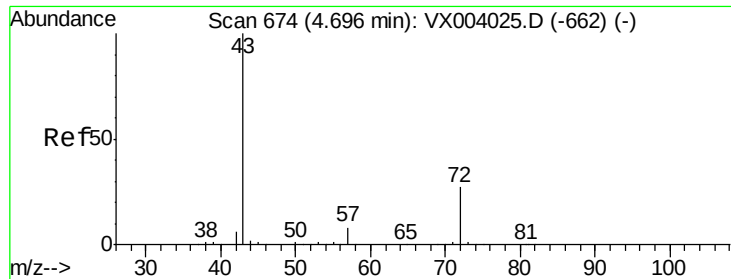
Ion Ratio Lower Upper

63 100

98 6.9 3.5 10.5

100 4.2 2.3 6.8





#25

2-Butanone

Concen: 235.47 ug/l

RT: 4.70 min Scan# 674

Delta R.T. 0.00 min

Lab File: VX004070.D

Acq: 15 Aug 2018 12:57

Instrument :

MSVOA_X

ClientSampleId :

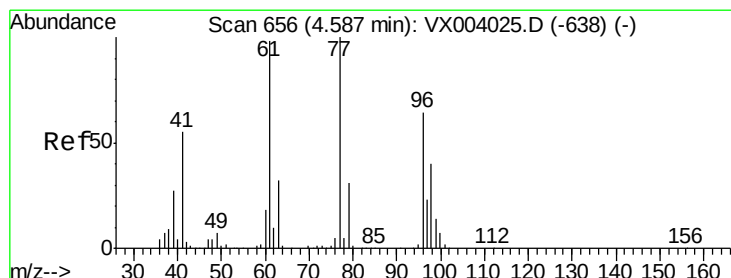
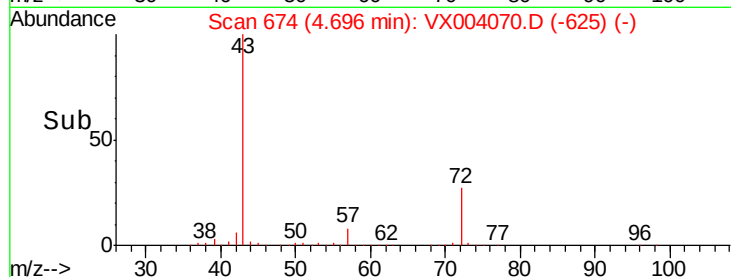
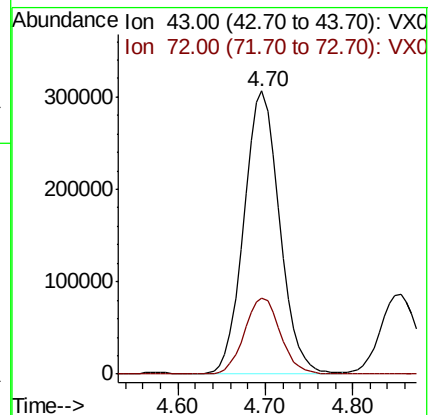
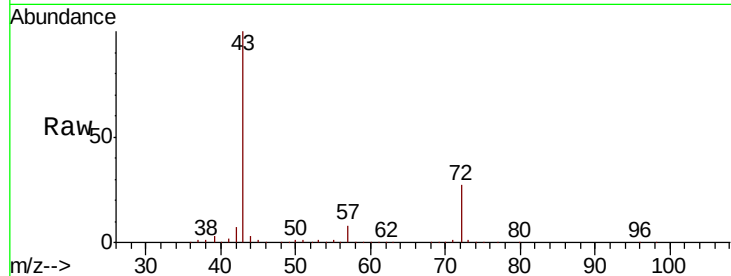
VSTDCCC050

Tot Ion: 43 Resp: 866061

Ion Ratio Lower Upper

43 100

72 26.9 21.4 32.0



#26

2,2-Dichloropropane

Concen: 47.44 ug/l

RT: 4.58 min Scan# 655

Delta R.T. -0.01 min

Lab File: VX004070.D

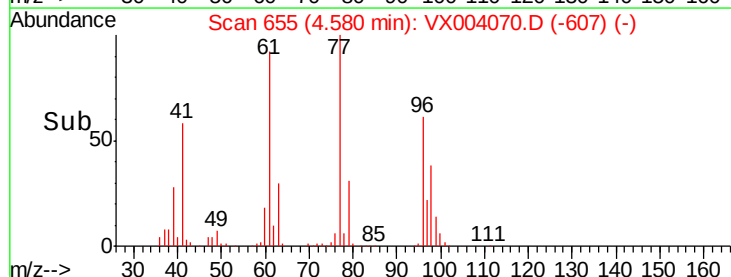
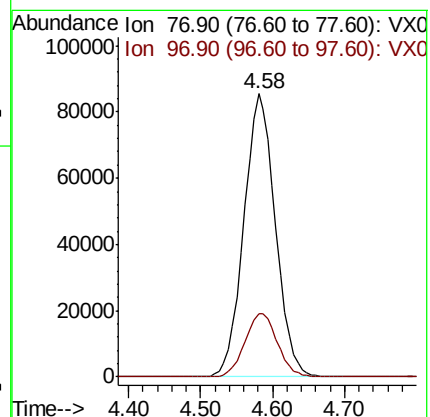
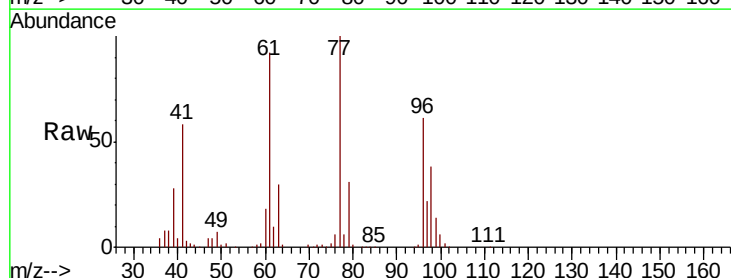
Acq: 15 Aug 2018 12:57

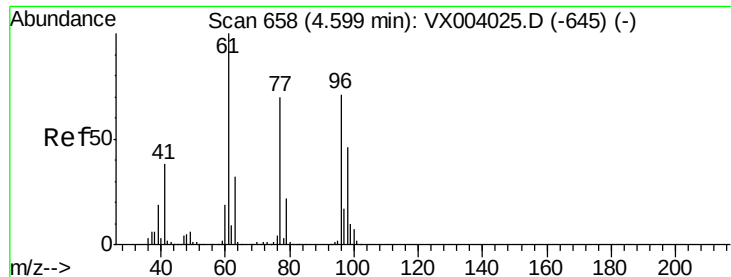
Tgt Ion: 77 Resp: 258594

Ion Ratio Lower Upper

77 100

97 23.1 11.9 35.9



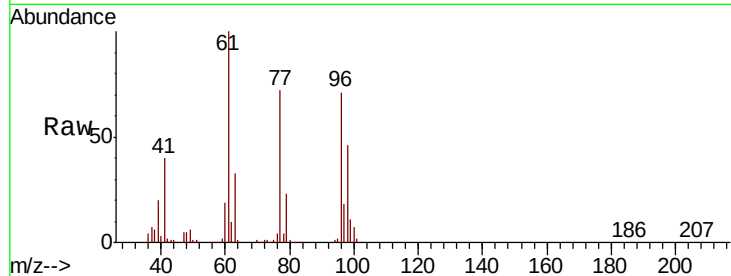


#27

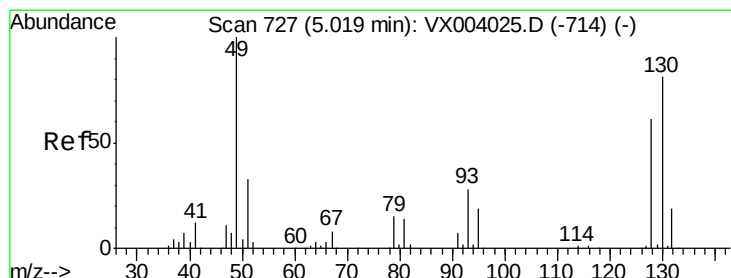
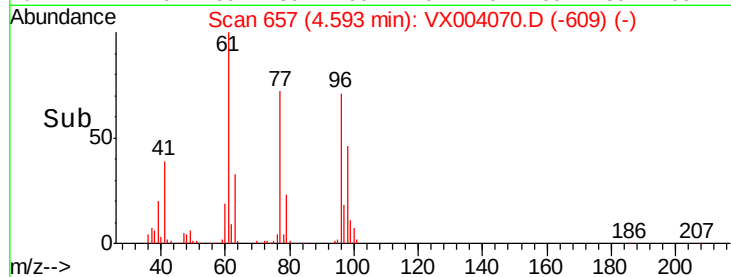
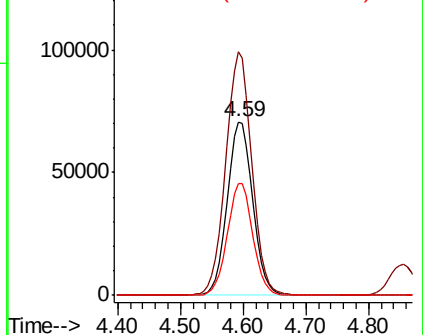
cis-1,2-Dichloroethene
 Concen: 47.97 ug/l
 RT: 4.59 min Scan# 657
 Delta R.T. -0.01 min
 Lab File: VX004070.D
 Acq: 15 Aug 2018 12:57

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	96	Resp	198880
Ion	Ratio	Lower	Upper
96	100		
61	143.6	0.0	293.0
98	64.4	0.0	131.8



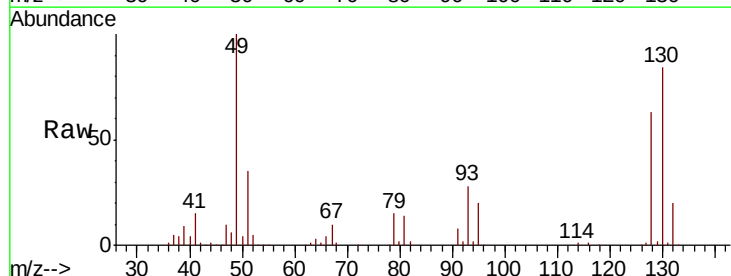
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



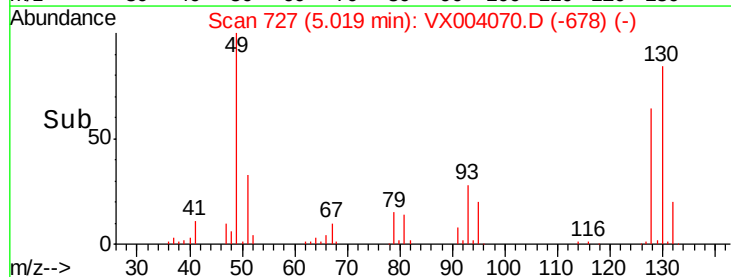
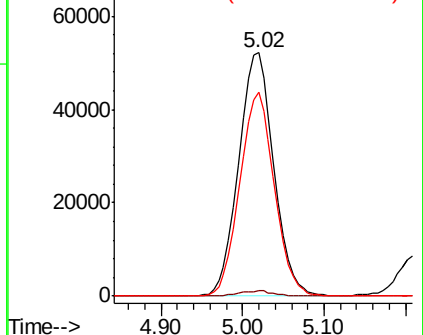
#28

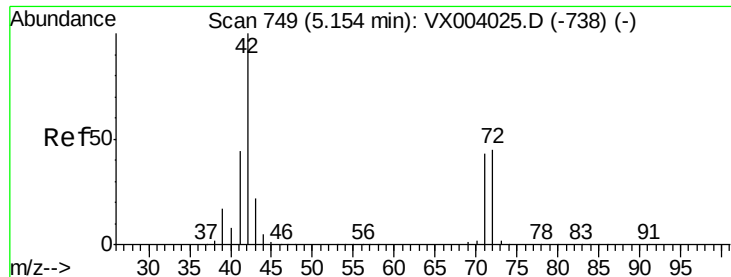
Bromochloromethane
 Concen: 49.70 ug/l
 RT: 5.02 min Scan# 727
 Delta R.T. -0.00 min
 Lab File: VX004070.D
 Acq: 15 Aug 2018 12:57

Tgt Ion	49	Resp	156314
Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	4.2
130	82.4	66.5	99.7



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: 228.77 ug/l

RT: 5.15 min Scan# 749

Delta R.T. 0.00 min

Lab File: VX004070.D

Acq: 15 Aug 2018 12:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

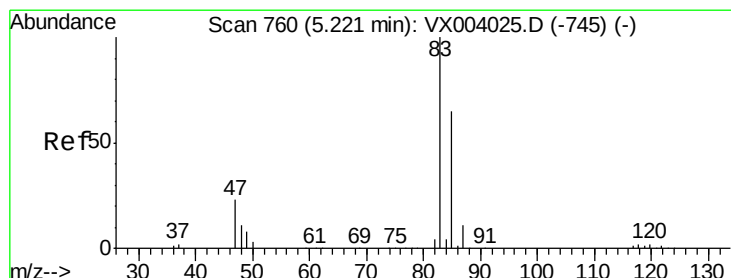
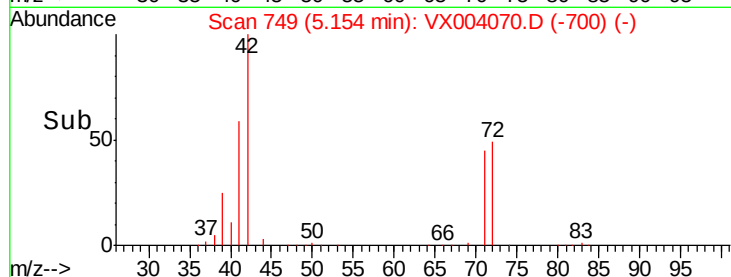
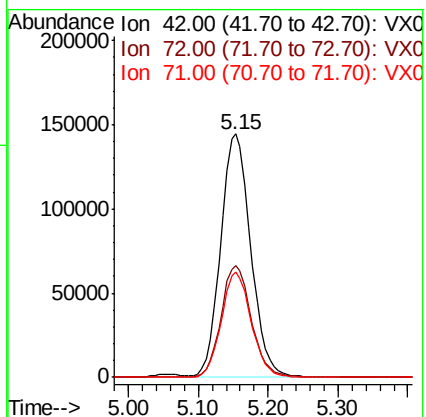
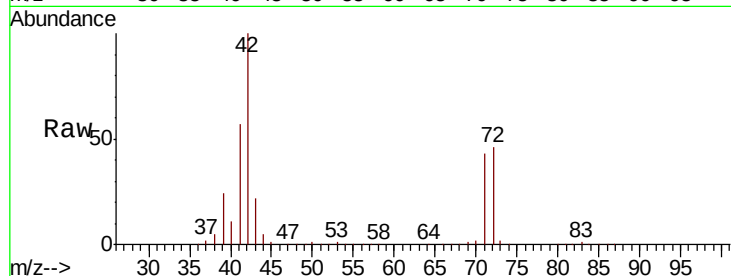
Tot Ion: 42 Resp: 429882

Ion Ratio Lower Upper

42 100

72 46.7 37.7 56.5

71 43.1 35.0 52.6



#30

Chloroform

Concen: 49.03 ug/l

RT: 5.21 min Scan# 759

Delta R.T. -0.01 min

Lab File: VX004070.D

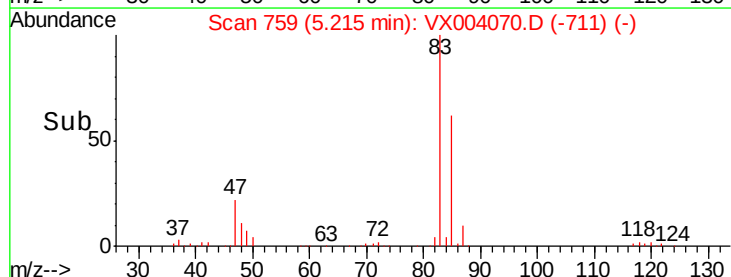
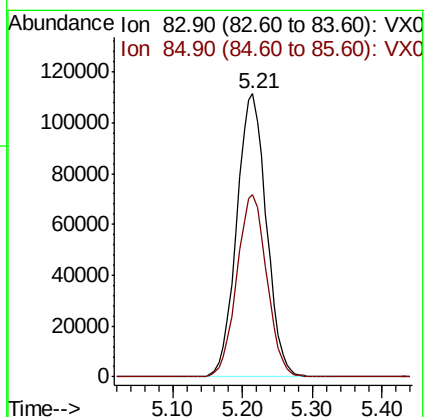
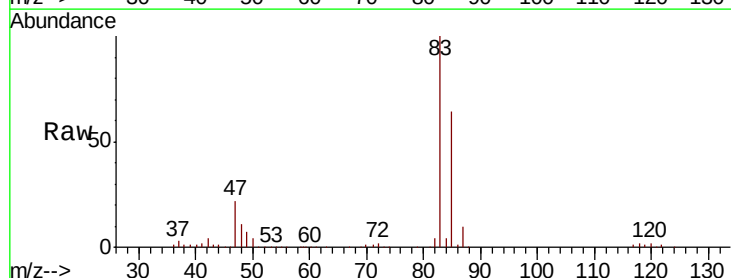
Acq: 15 Aug 2018 12:57

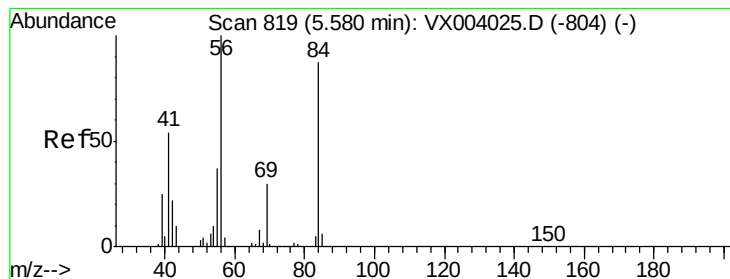
Tgt Ion: 83 Resp: 328022

Ion Ratio Lower Upper

83 100

85 64.4 50.7 76.1





#31

Cyclohexane

Concen: 48.71 ug/l

RT: 5.57 min Scan# 818

Delta R.T. -0.01 min

Lab File: VX004070.D

Acq: 15 Aug 2018 12:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

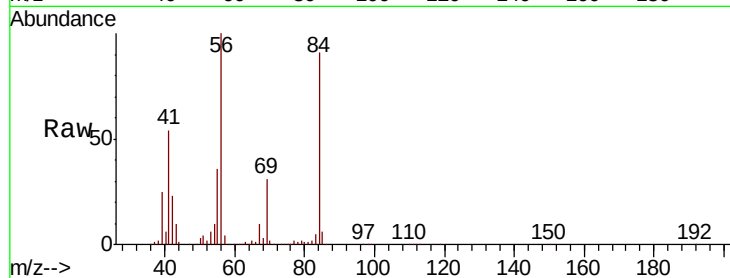
Tot Ion: 56 Resp: 292735

Ion Ratio Lower Upper

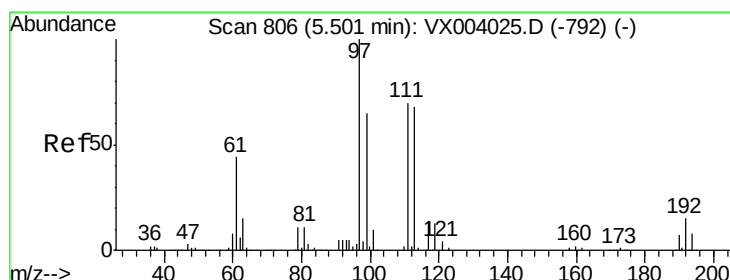
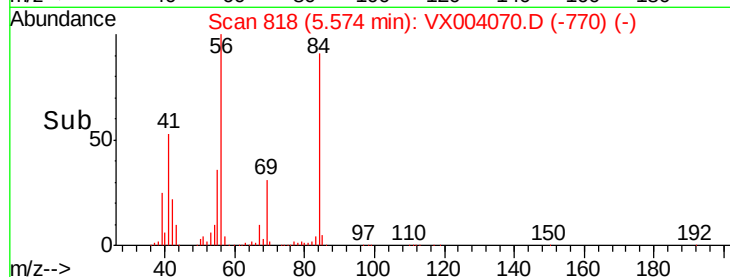
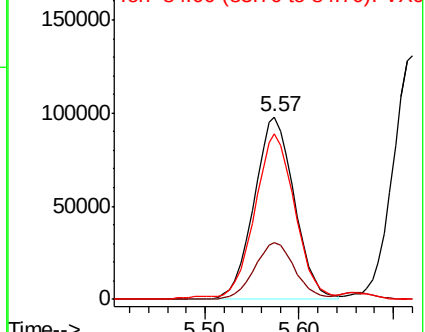
56 100

69 31.1 24.9 37.3

84 89.4 71.7 107.5



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



#32

1,1,1-Trichloroethane

Concen: 49.65 ug/l

RT: 5.49 min Scan# 805

Delta R.T. -0.01 min

Lab File: VX004070.D

Acq: 15 Aug 2018 12:57

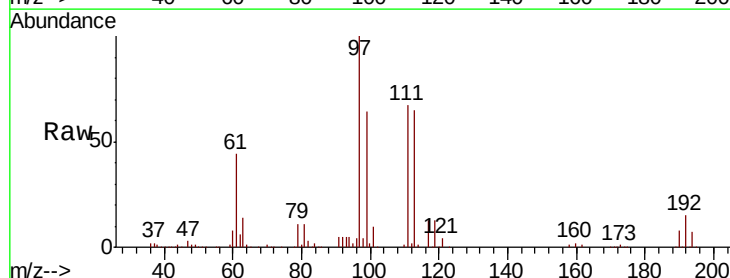
Tgt Ion: 97 Resp: 277624

Ion Ratio Lower Upper

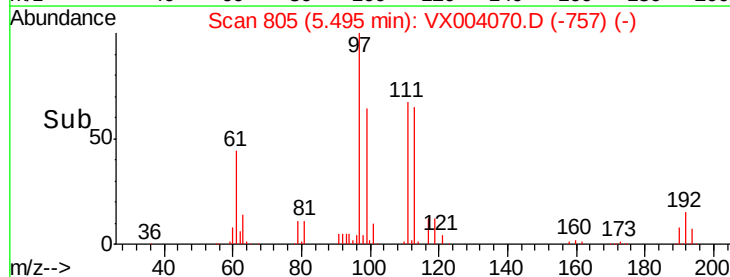
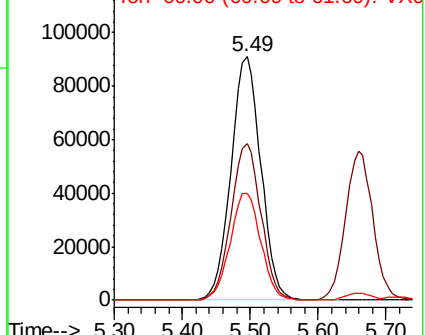
97 100

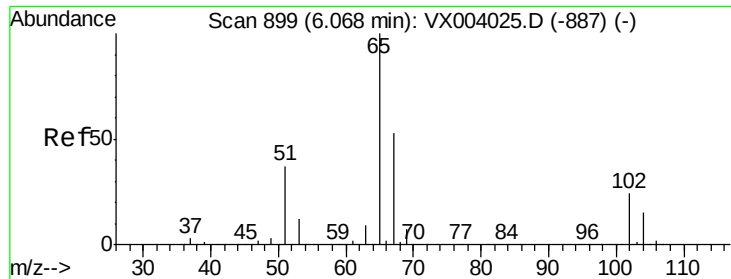
99 64.3 51.8 77.8

61 45.0 34.4 51.6



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

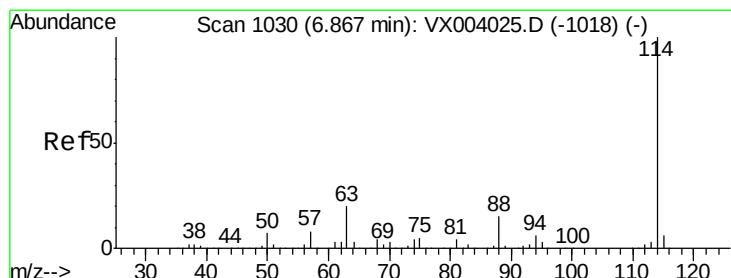
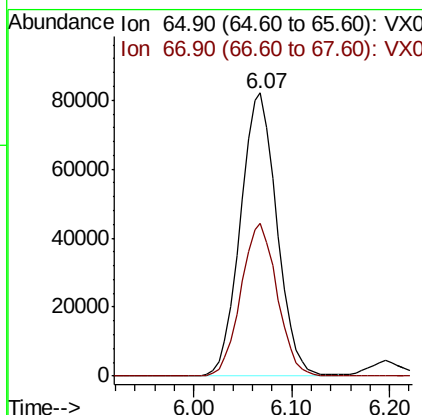
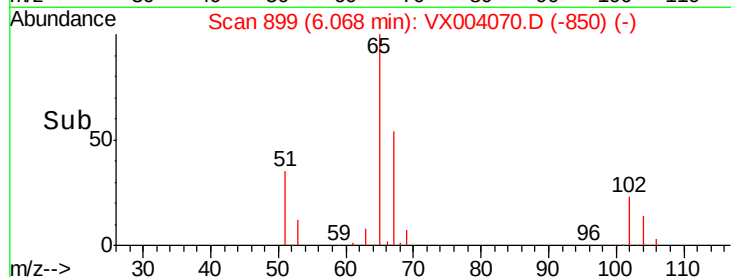
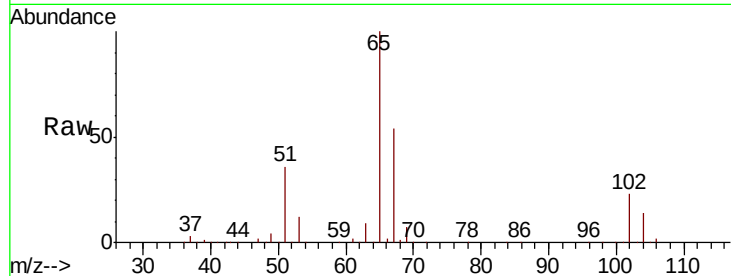




#33
 1,2-Dichloroethane-d4
 Concen: 48.74 ug/l
 RT: 6.07 min Scan# 899
 Delta R.T. 0.00 min
 Lab File: VX004070.D
 Acq: 15 Aug 2018 12:57

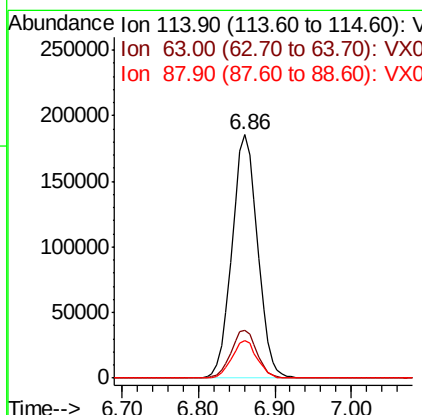
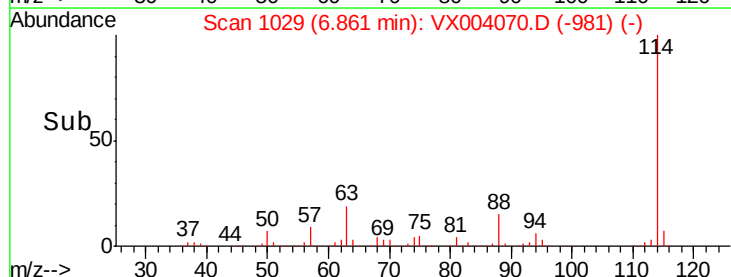
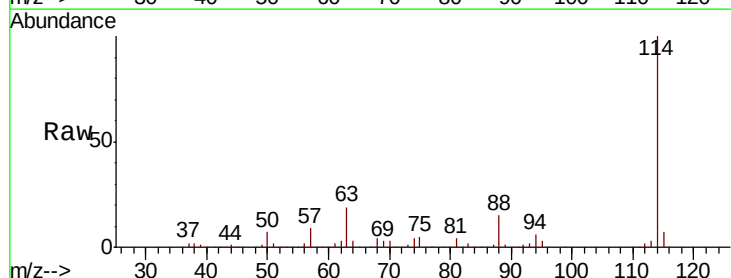
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

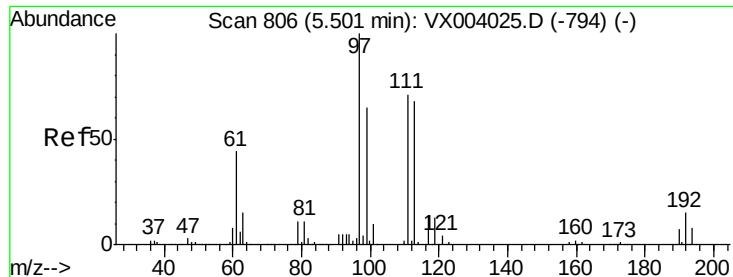
Tot Ion: 65 Resp: 211899
 Ion Ratio Lower Upper
 65 100
 67 53.6 0.0 105.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.86 min Scan# 1029
 Delta R.T. -0.01 min
 Lab File: VX004070.D
 Acq: 15 Aug 2018 12:57

Tgt Ion: 114 Resp: 430977
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 39.0
 88 15.2 0.0 32.0

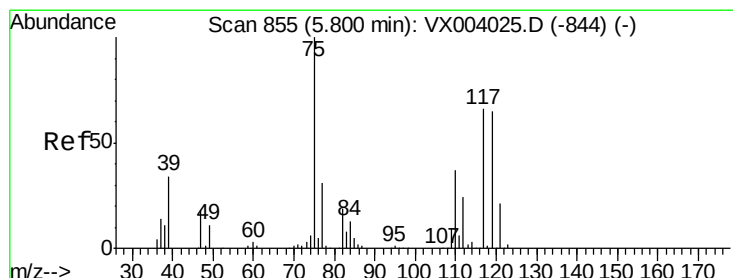
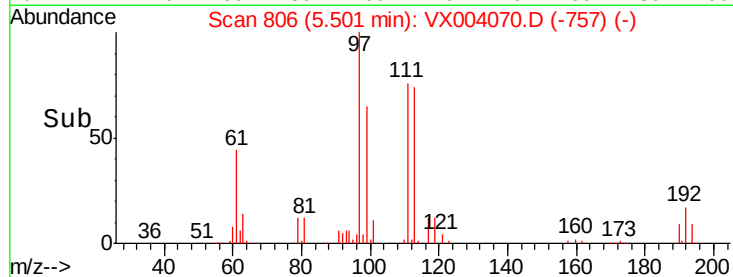
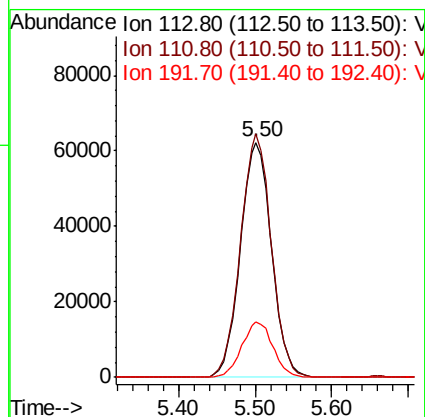
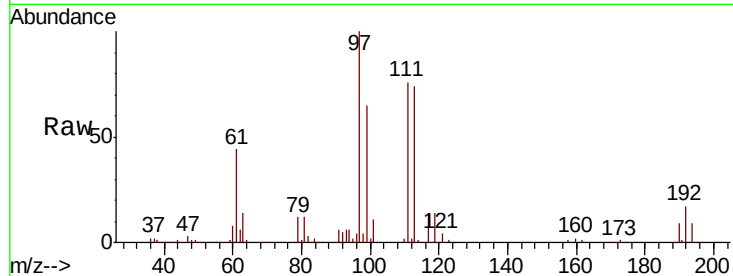




#35
 Dibromofluoromethane
 Concen: 54.39 ug/l
 RT: 5.50 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: VX004070.D
 Acq: 15 Aug 2018 12:57

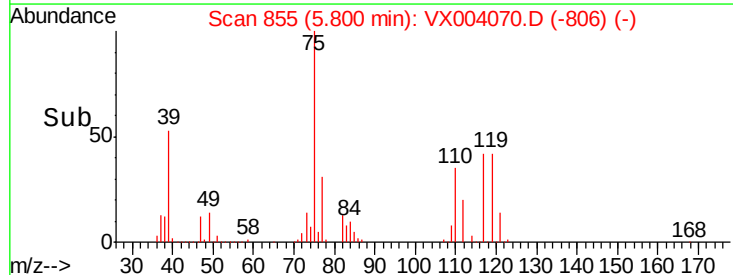
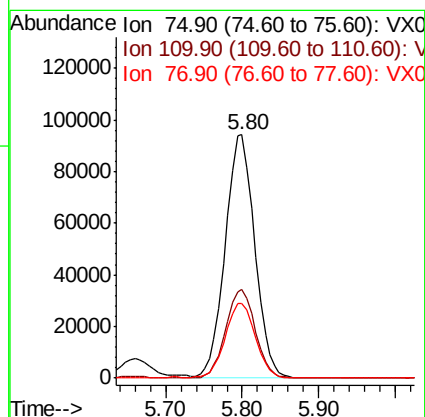
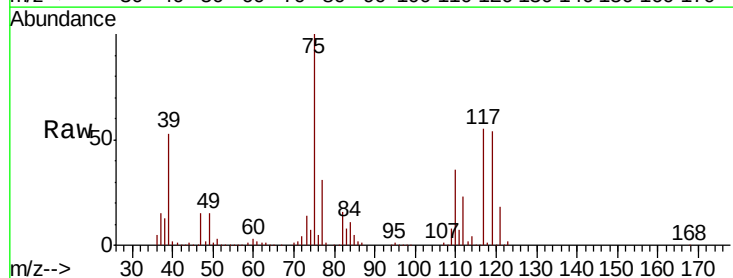
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

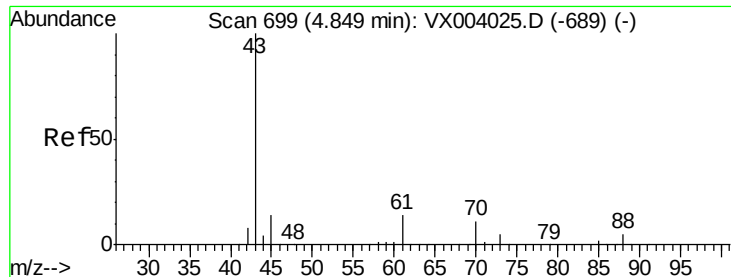
Tot Ion:113 Resp: 175444
 Ion Ratio Lower Upper
 113 100
 111 102.6 82.0 123.0
 192 23.6 19.0 28.4



#36
 1,1-Dichloropropene
 Concen: 51.36 ug/l
 RT: 5.80 min Scan# 855
 Delta R.T. -0.00 min
 Lab File: VX004070.D
 Acq: 15 Aug 2018 12:57

Tgt Ion: 75 Resp: 251895
 Ion Ratio Lower Upper
 75 100
 110 36.4 18.2 54.6
 77 31.6 25.0 37.4

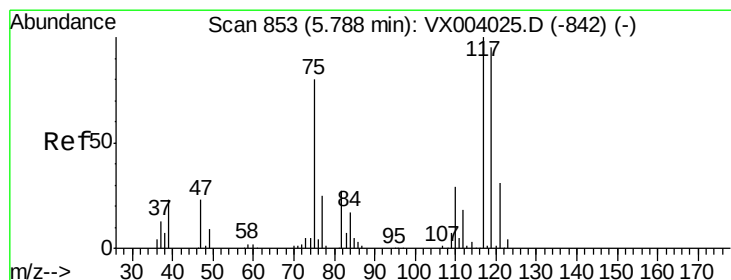
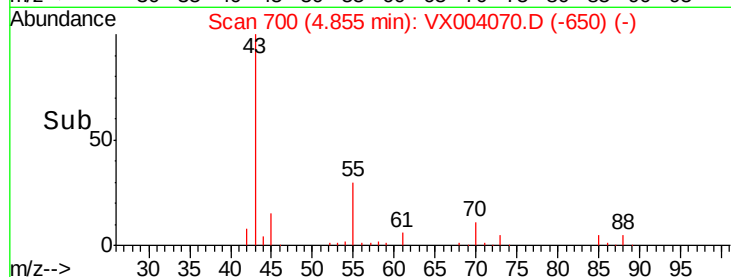
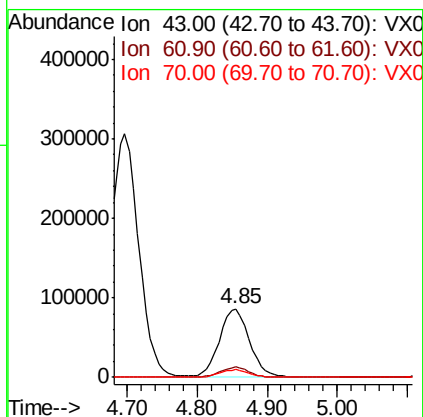
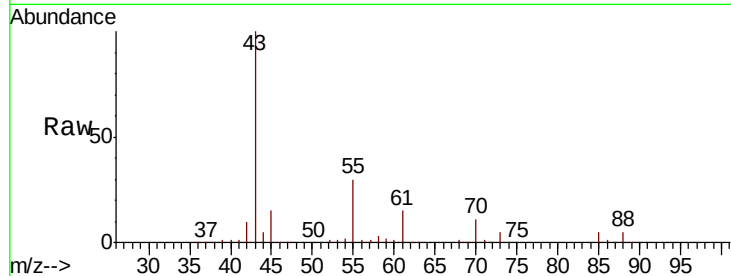




#37
Ethyl Acetate
Concen: 48.13 ug/l
RT: 4.85 min Scan# 700
Delta R.T. 0.01 min
Lab File: VX004070.D
Acq: 15 Aug 2018 12:57

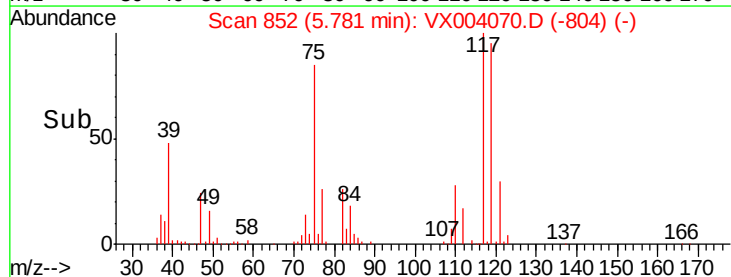
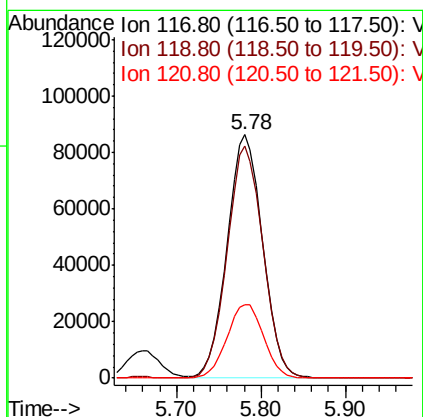
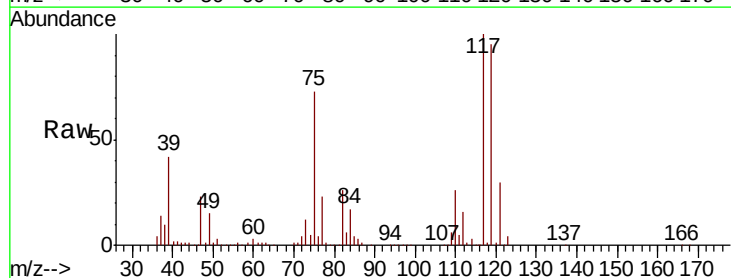
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

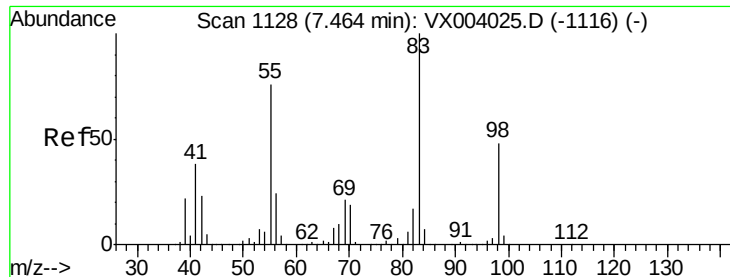
Tot Ion: 43 Resp: 257018
Ion Ratio Lower Upper
43 100
61 14.5 11.5 17.3
70 11.1 9.0 13.4



#38
Carbon Tetrachloride
Concen: 51.78 ug/l
RT: 5.78 min Scan# 852
Delta R.T. -0.01 min
Lab File: VX004070.D
Acq: 15 Aug 2018 12:57

Tgt Ion: 117 Resp: 246706
Ion Ratio Lower Upper
117 100
119 95.4 79.5 119.3
121 30.1 25.0 37.4

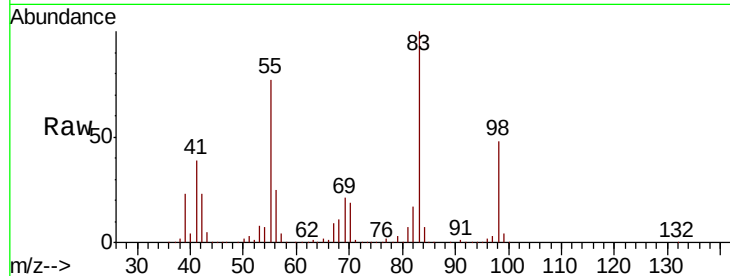




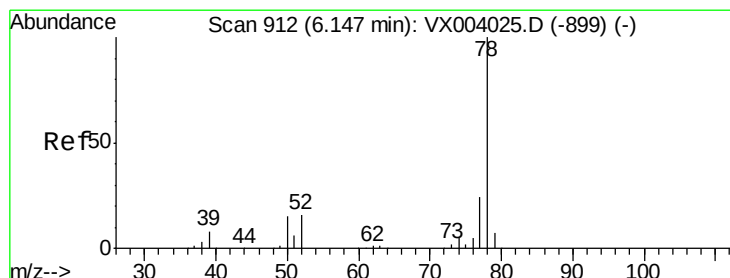
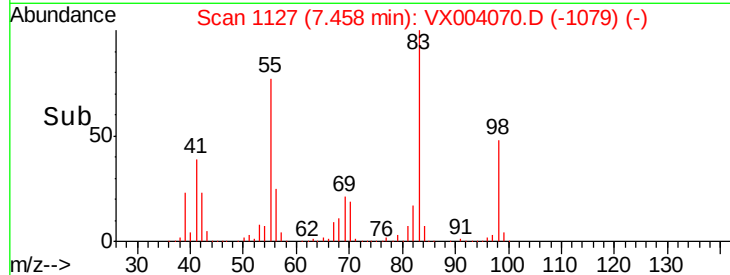
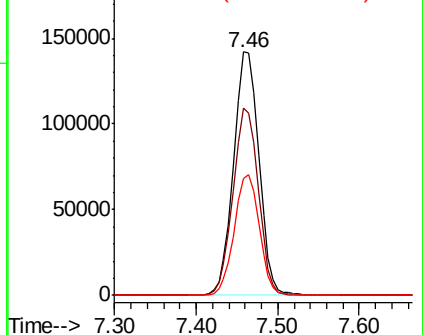
#39
Methylvlcyclohexane
Concen: 54.88 ug/l
RT: 7.46 min Scan# 1127
Delta R.T. -0.01 min
Lab File: VX004070.D
Acq: 15 Aug 2018 12:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 83 Resp: 305343
Ion Ratio Lower Upper
83 100
55 76.8 61.0 91.6
98 48.0 38.6 57.8

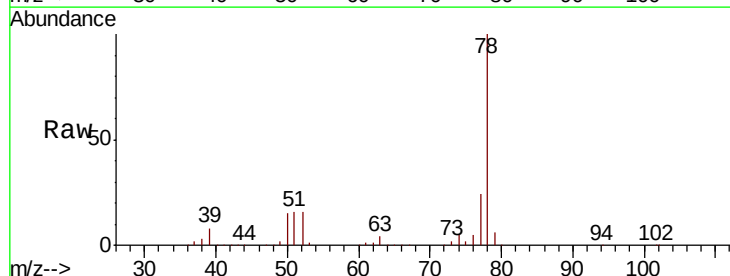


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

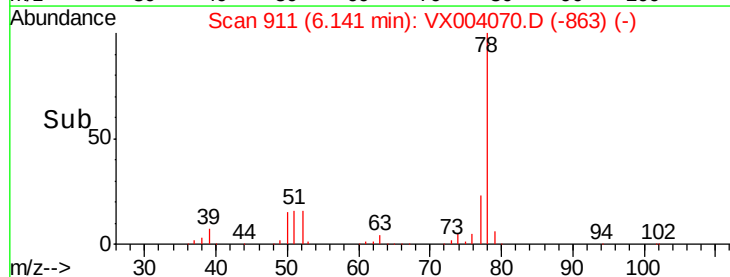
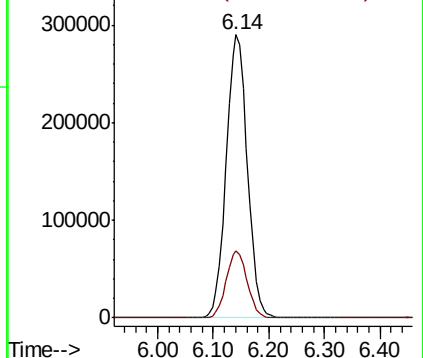


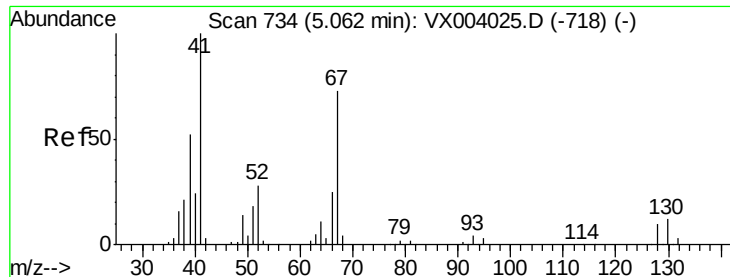
#40
Benzene
Concen: 51.49 ug/l
RT: 6.14 min Scan# 911
Delta R.T. -0.01 min
Lab File: VX004070.D
Acq: 15 Aug 2018 12:57

Tgt Ion: 78 Resp: 758298
Ion Ratio Lower Upper
78 100
77 23.5 19.0 28.4



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

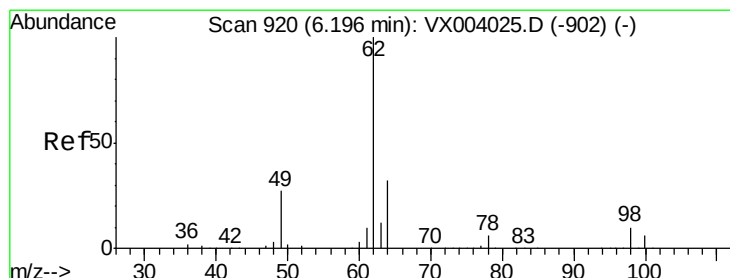
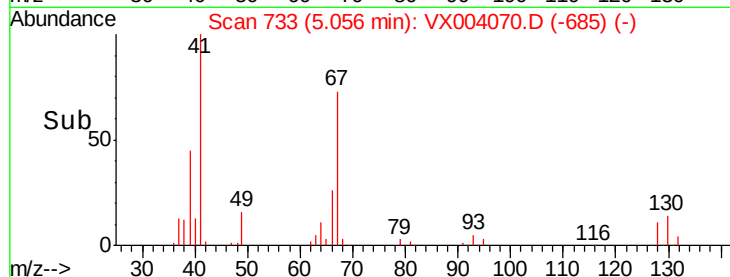
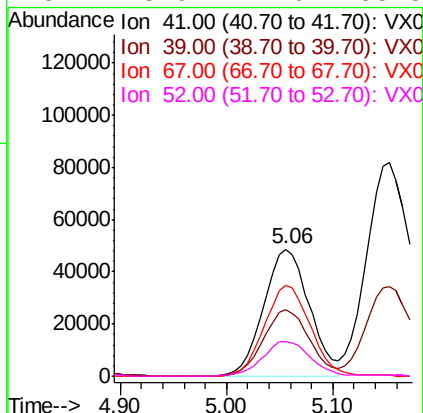
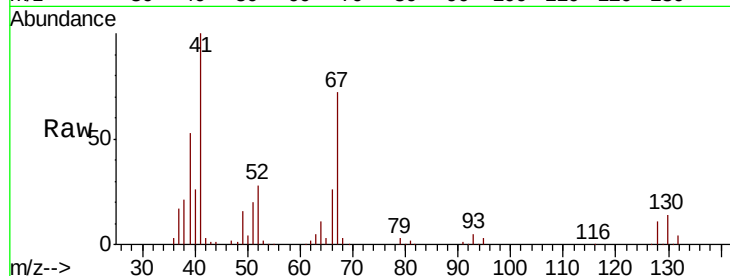




#41
Methacrylonitrile
Concen: 48.51 ug/l
RT: 5.06 min Scan# 733
Delta R.T. -0.01 min
Lab File: VX004070.D
Acq: 15 Aug 2018 12:57

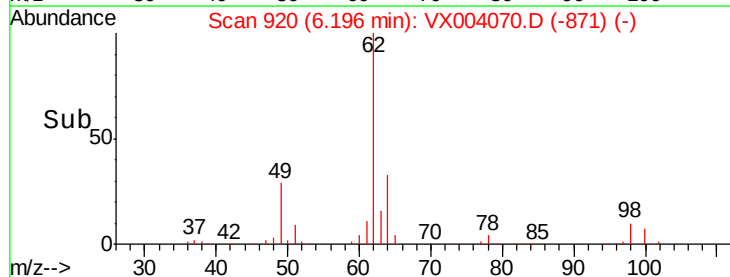
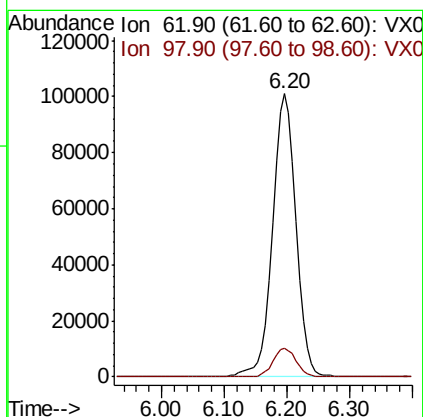
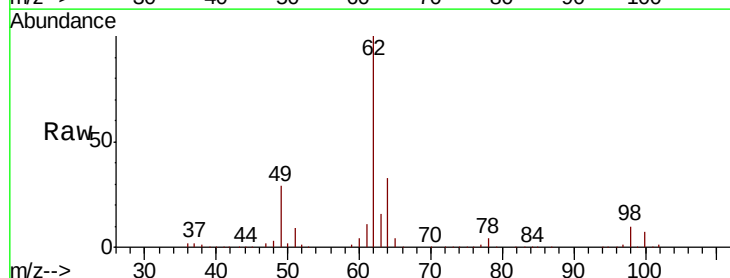
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

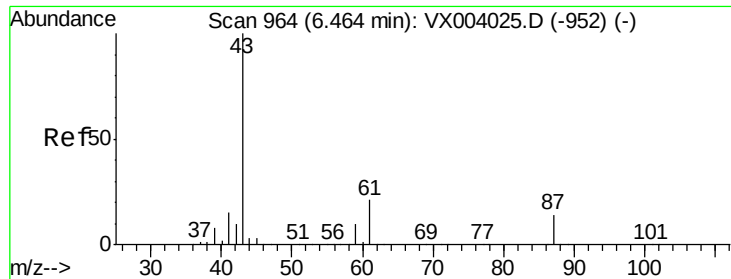
Tot Ion:	41	Resp:	145097
Ion	Ratio	Lower	Upper
41	100		
39	52.5	42.7	64.1
67	72.2	58.9	88.3
52	28.9	22.6	33.8



#42
1,2-Dichloroethane
Concen: 50.47 ug/l
RT: 6.20 min Scan# 920
Delta R.T. -0.00 min
Lab File: VX004070.D
Acq: 15 Aug 2018 12:57

Tgt Ion:	62	Resp:	260160
Ion	Ratio	Lower	Upper
62	100		
98	10.0	0.0	20.4



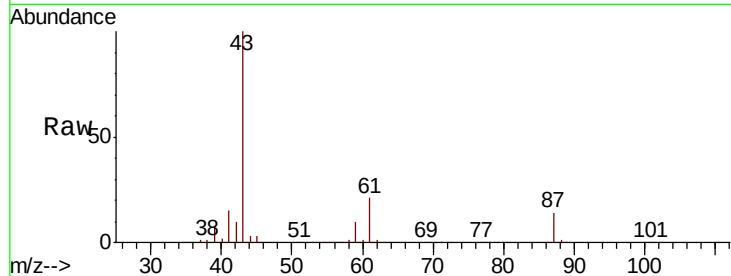


#43

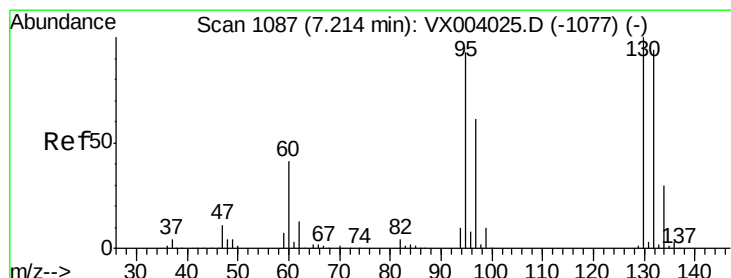
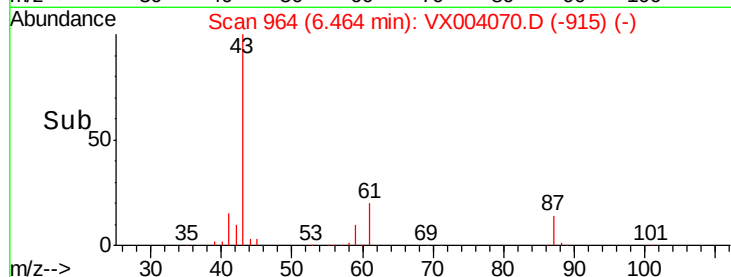
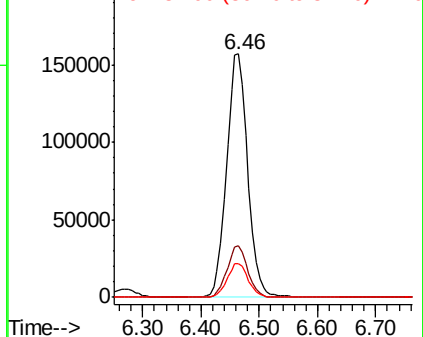
Isopropyl Acetate
 Concen: 49.96 ug/l
 RT: 6.46 min Scan# 964
 Delta R.T. -0.00 min
 Lab File: VX004070.D
 Acq: 15 Aug 2018 12:57

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion: 43 Resp: 393291
 Ion Ratio Lower Upper
 43 100
 61 20.9 16.9 25.3
 87 13.9 11.3 16.9



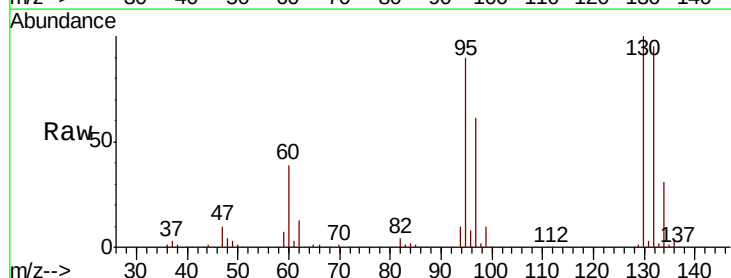
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



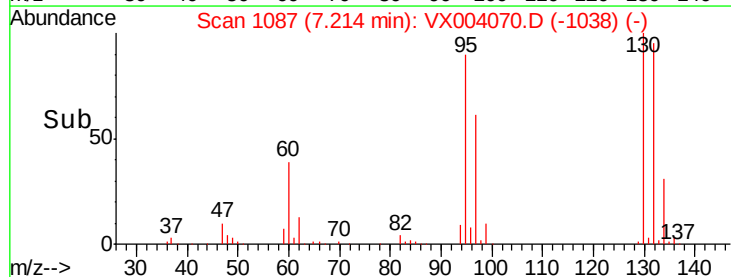
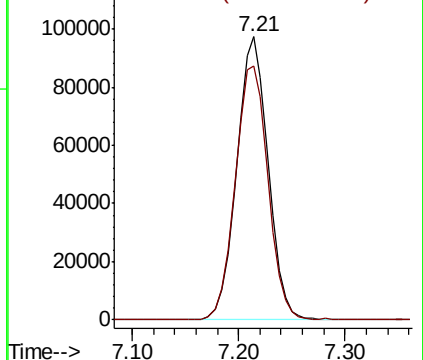
#44

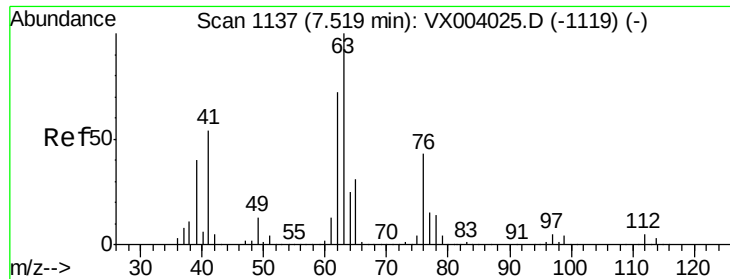
Trichloroethene
 Concen: 50.34 ug/l
 RT: 7.21 min Scan# 1087
 Delta R.T. -0.00 min
 Lab File: VX004070.D
 Acq: 15 Aug 2018 12:57

Tgt Ion: 130 Resp: 201256
 Ion Ratio Lower Upper
 130 100
 95 89.6 0.0 199.4



Abundance Ion 129.80 (129.50 to 130.50): V
 Ion 94.90 (94.60 to 95.60): VX0

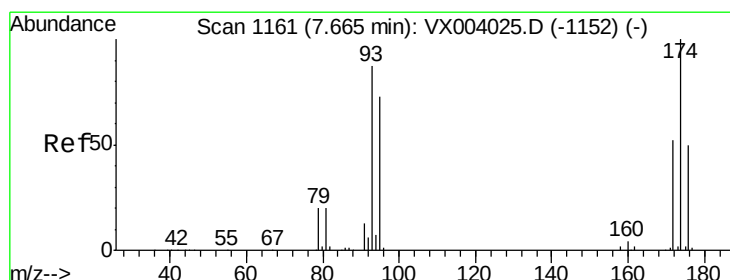
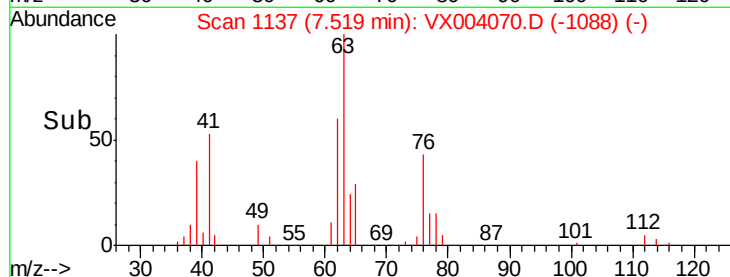
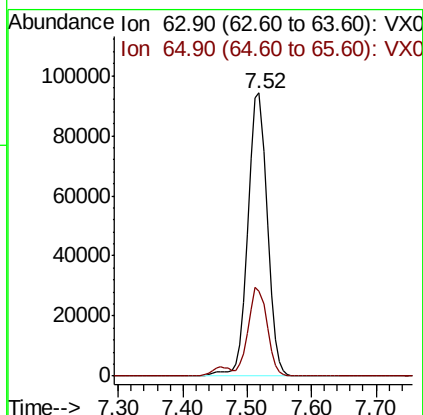
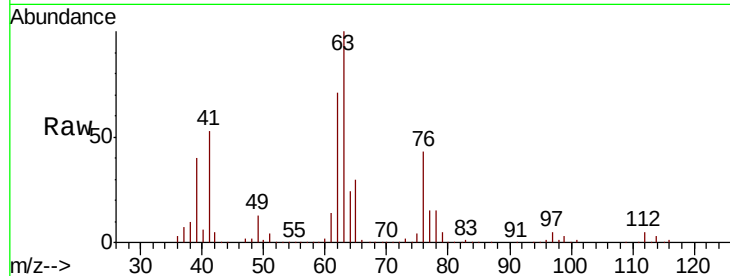




#45
 1,2-Dichloropropane
 Concen: 51.29 ug/l
 RT: 7.52 min Scan# 1137
 Delta R.T. -0.00 min
 Lab File: VX004070.D
 Acq: 15 Aug 2018 12:57

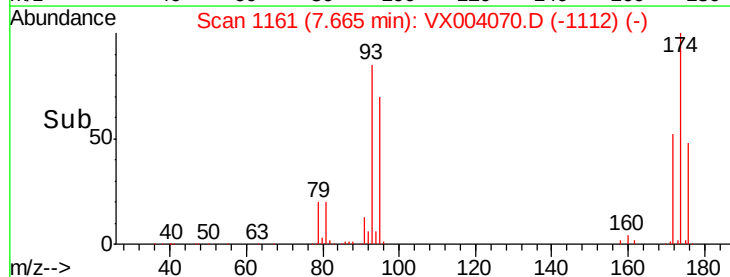
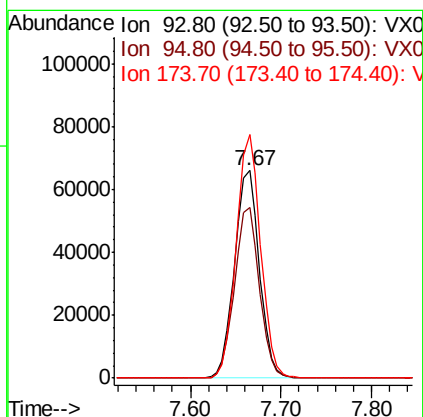
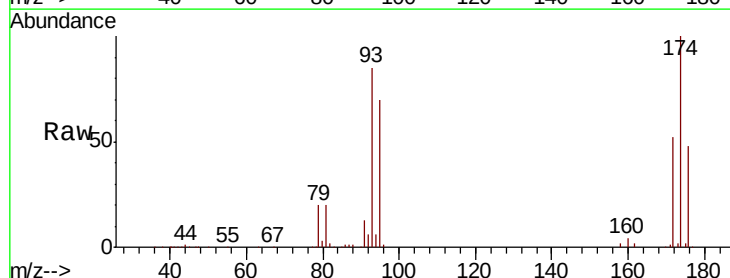
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

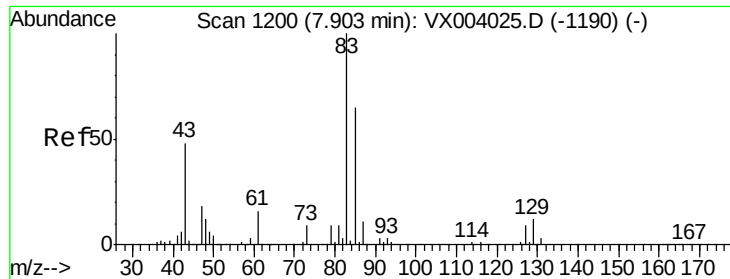
Tot Ion: 63 Resp: 193344
 Ion Ratio Lower Upper
 63 100
 65 30.2 24.6 36.8



#46
 Dibromomethane
 Concen: 51.04 ug/l
 RT: 7.67 min Scan# 1161
 Delta R.T. -0.00 min
 Lab File: VX004070.D
 Acq: 15 Aug 2018 12:57

Tgt Ion: 93 Resp: 125751
 Ion Ratio Lower Upper
 93 100
 95 82.3 66.4 99.6
 174 115.6 94.3 141.5





#47

Bromodichloromethane

Concen: 52.23 ug/l

RT: 7.90 min Scan# 1199

Delta R.T. -0.01 min

Lab File: VX004070.D

Acq: 15 Aug 2018 12:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

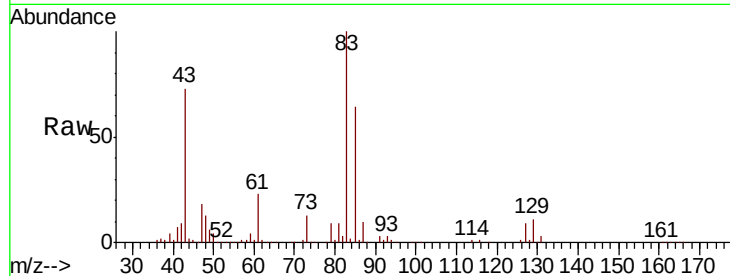
Tot Ion: 83 Resp: 243680

Ion Ratio Lower Upper

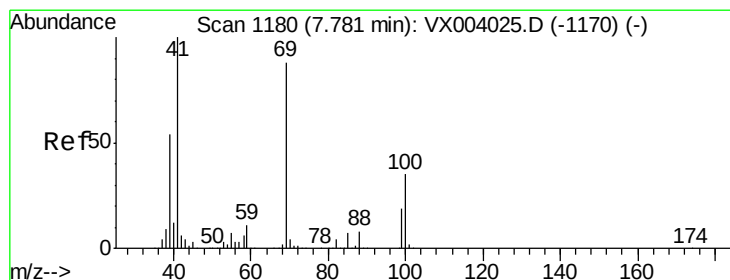
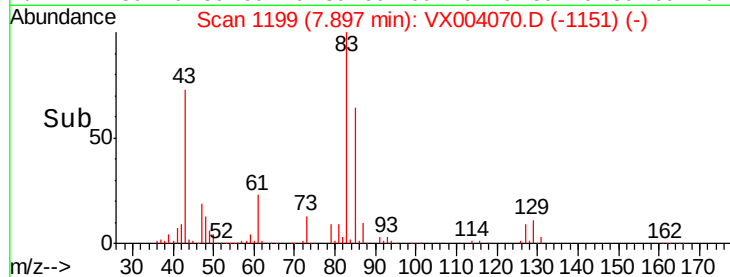
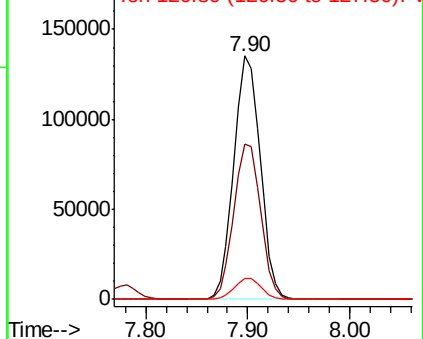
83 100

85 63.9 51.2 76.8

127 8.8 7.2 10.8



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



#48

Methyl methacrylate

Concen: 53.27 ug/l

RT: 7.78 min Scan# 1179

Delta R.T. -0.01 min

Lab File: VX004070.D

Acq: 15 Aug 2018 12:57

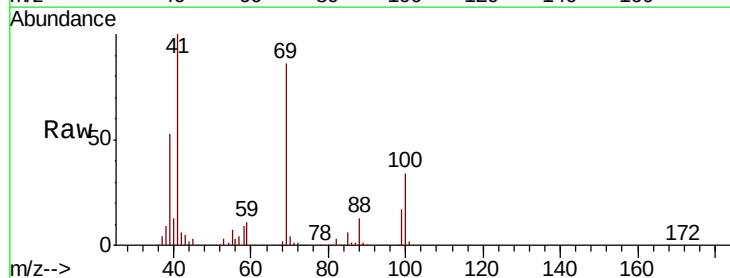
Tgt Ion: 41 Resp: 211100

Ion Ratio Lower Upper

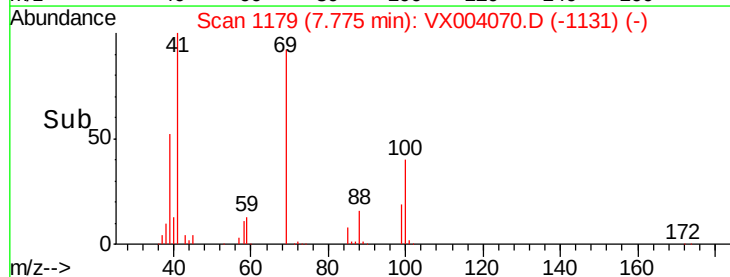
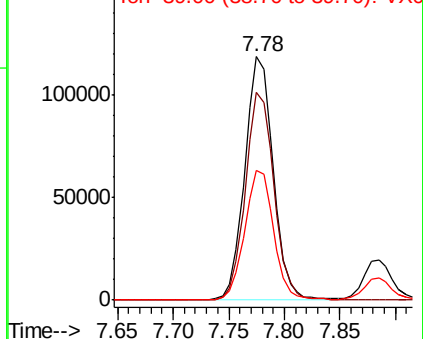
41 100

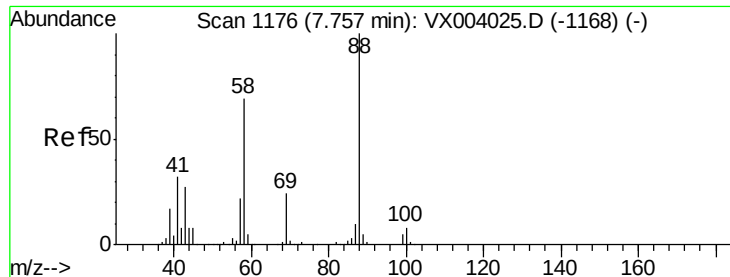
69 86.2 68.8 103.2

39 54.0 42.3 63.5



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: 1038.71 ug/l

RT: 7.76 min Scan# 1176

Delta R.T. -0.00 min

Lab File: VX004070.D

Acq: 15 Aug 2018 12:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

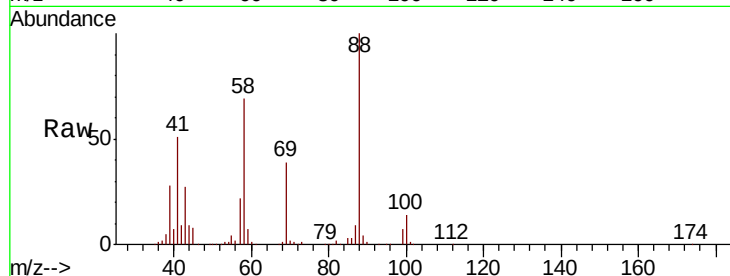
Tot Ion: 88 Resp: 92671

Ion Ratio Lower Upper

88 100

43 31.8 23.8 35.8

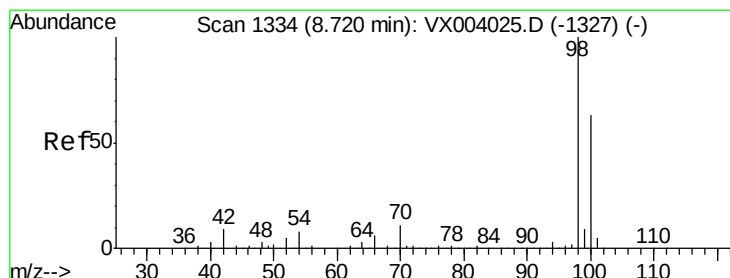
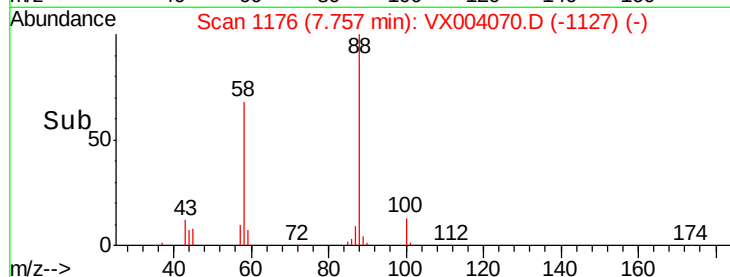
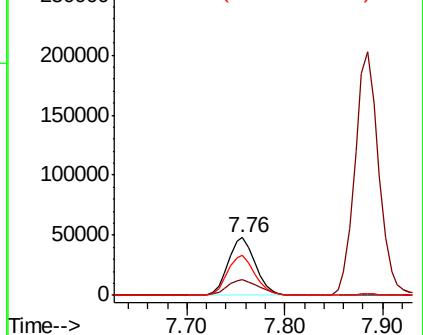
58 69.7 55.4 83.0



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: 52.74 ug/l

RT: 8.71 min Scan# 1333

Delta R.T. -0.01 min

Lab File: VX004070.D

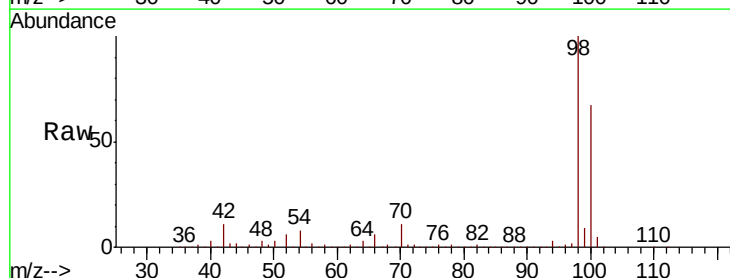
Acq: 15 Aug 2018 12:57

Tgt Ion: 98 Resp: 689713

Ion Ratio Lower Upper

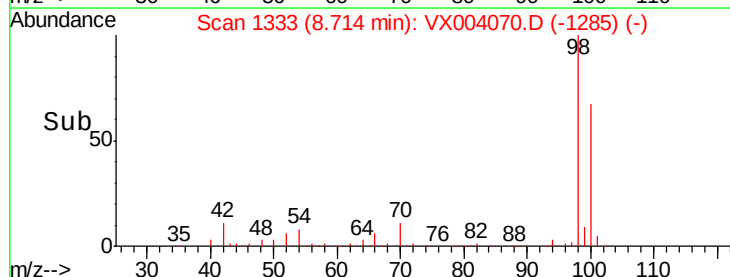
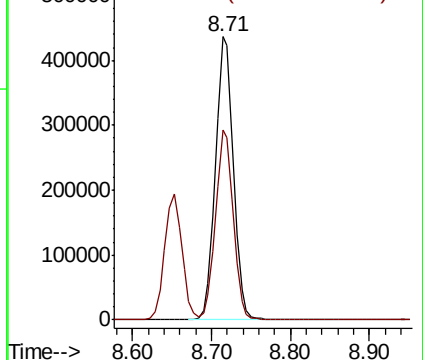
98 100

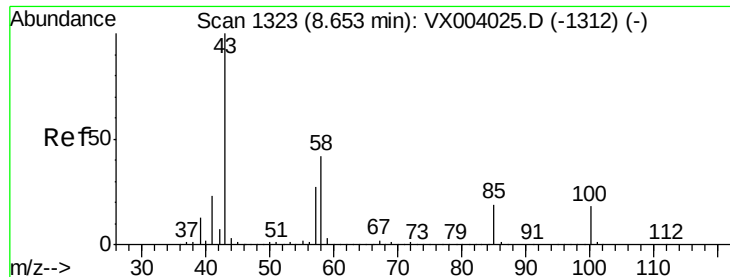
100 66.6 53.3 79.9



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: 263.21 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. 0.00 min

Lab File: VX004070.D

Acq: 15 Aug 2018 12:57

Instrument :

MSVOA_X

ClientSampleId :

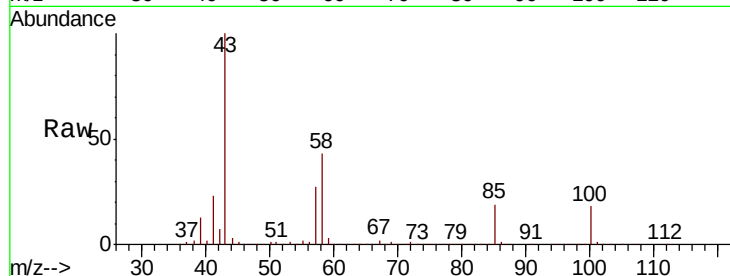
VSTDCCC050

Tot Ion: 43 Resp: 1698940

Ion Ratio Lower Upper

43 100

58 41.4 33.0 49.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

1200000

1000000

800000

600000

400000

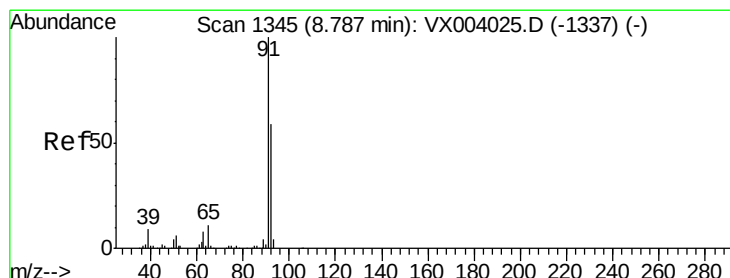
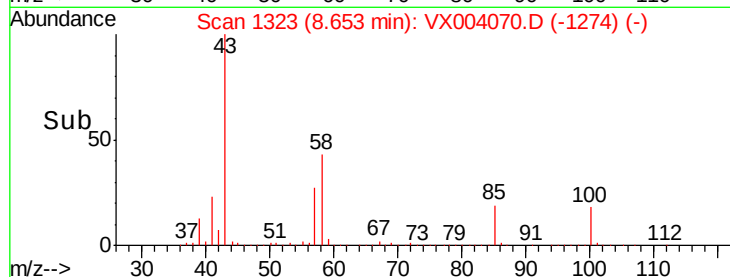
200000

0

8.65

8.60 8.70 8.80

Time-->



#52

Toluene

Concen: 52.57 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.00 min

Lab File: VX004070.D

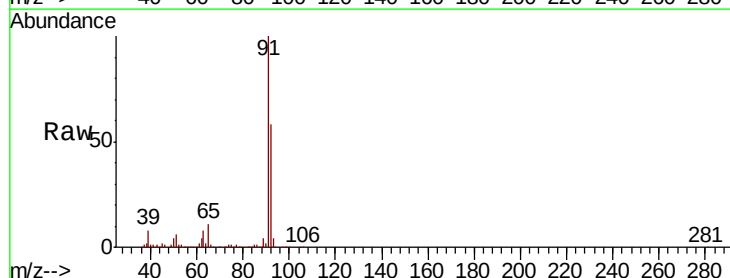
Acq: 15 Aug 2018 12:57

Tgt Ion: 92 Resp: 489640

Ion Ratio Lower Upper

92 100

91 170.9 136.1 204.1



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

600000

500000

400000

300000

200000

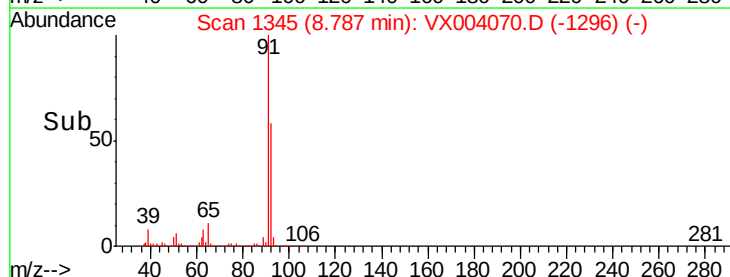
100000

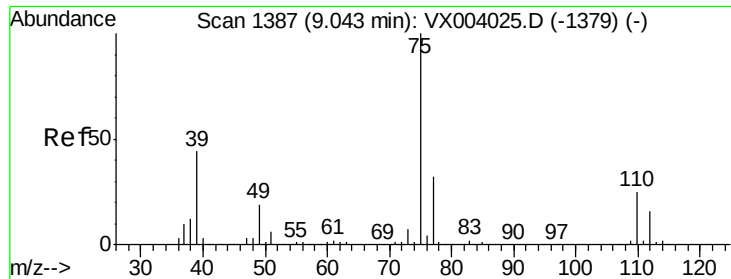
0

8.79

8.70 8.80 8.90

Time-->





#53

t-1,3-Dichloropropene

Concen: 54.62 ug/l

RT: 9.04 min Scan# 1387

Delta R.T. -0.00 min

Lab File: VX004070.D

Acq: 15 Aug 2018 12:57

Instrument :

MSVOA_X

ClientSampleId :

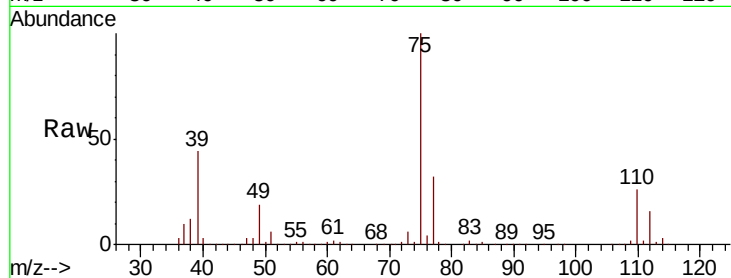
VSTDCCC050

Tot Ion: 75 Resp: 275344

Ion Ratio Lower Upper

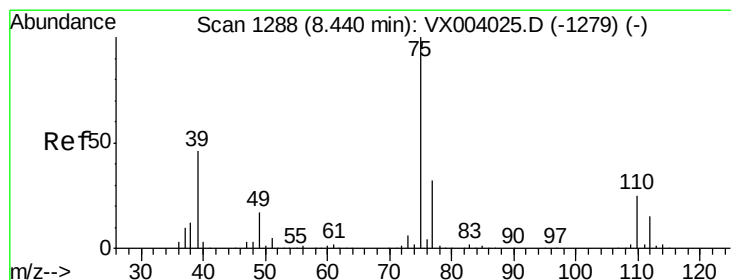
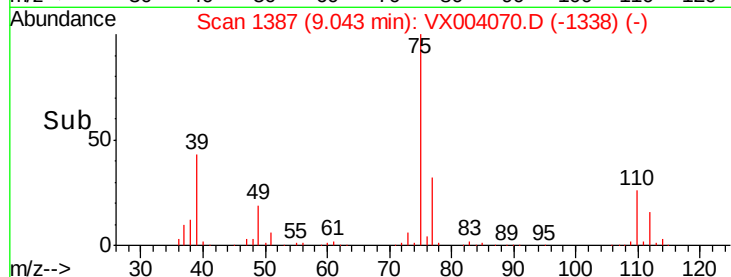
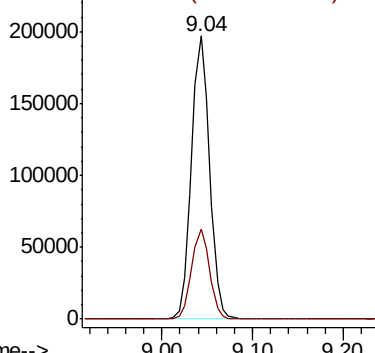
75 100

77 32.0 25.1 37.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 54.03 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. -0.00 min

Lab File: VX004070.D

Acq: 15 Aug 2018 12:57

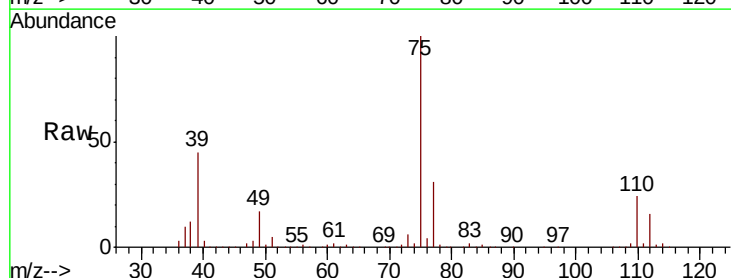
Tgt Ion: 75 Resp: 301591

Ion Ratio Lower Upper

75 100

77 31.1 25.3 37.9

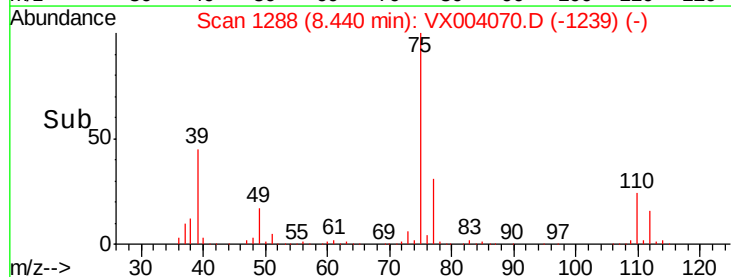
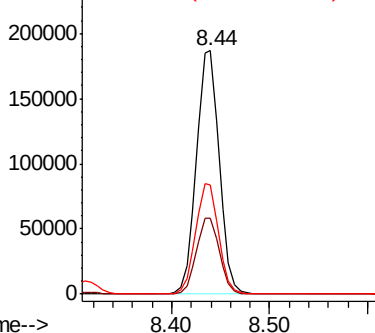
39 45.0 36.2 54.2

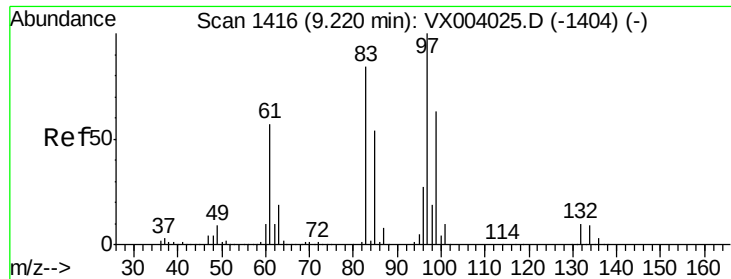


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

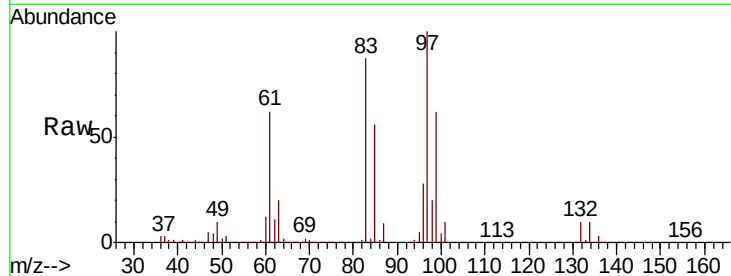




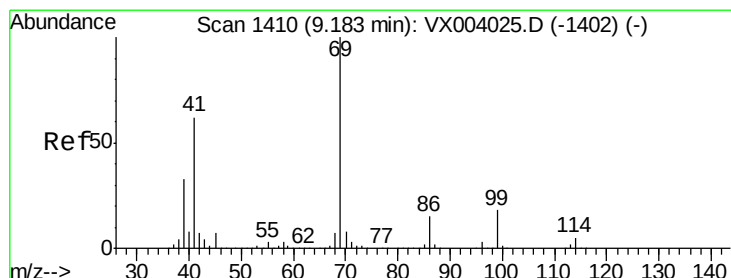
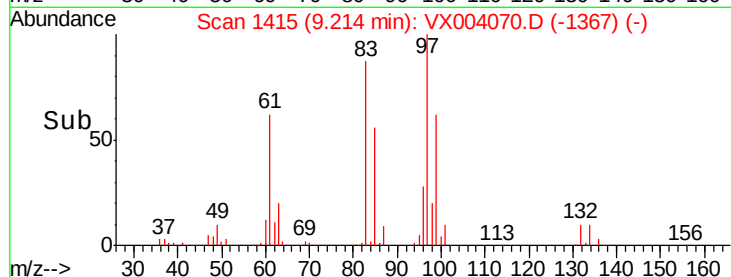
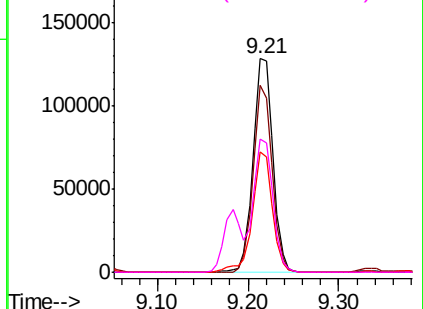
#55
 1,1,2-Trichloroethane
 Concen: 50.28 ug/l
 RT: 9.21 min Scan# 1415
 Delta R.T. -0.01 min
 Lab File: VX004070.D
 Acq: 15 Aug 2018 12:57

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion:	97	Resp:	193397
Ion	Ratio	Lower	Upper
97	100		
83	87.5	67.8	101.6
85	56.2	44.2	66.2
99	62.5	50.8	76.2

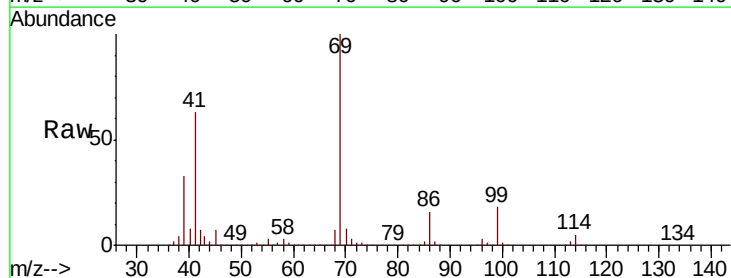


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

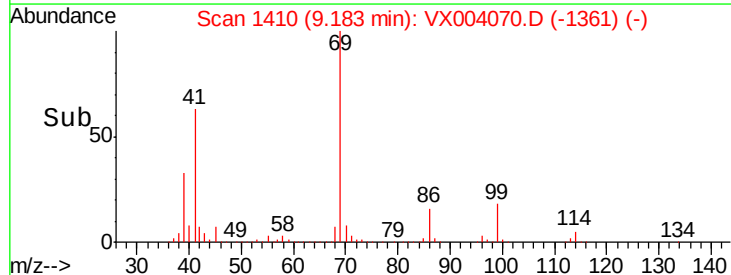
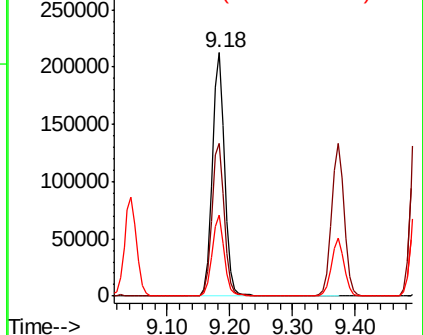


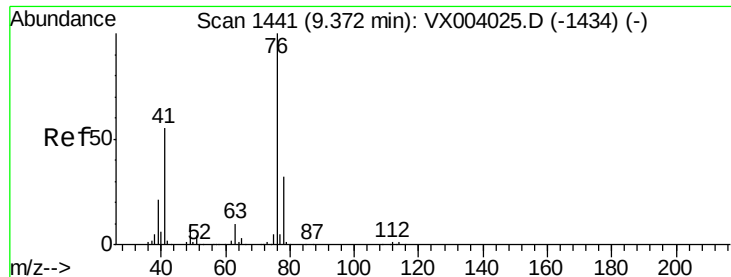
#56
 Ethyl methacrylate
 Concen: 54.75 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. 0.00 min
 Lab File: VX004070.D
 Acq: 15 Aug 2018 12:57

Tgt Ion:	69	Resp:	286346
Ion	Ratio	Lower	Upper
69	100		
41	63.4	50.6	76.0
39	32.7	25.8	38.6



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





#57

1,3-Dichloropropane

Concen: 51.69 ug/l

RT: 9.37 min Scan# 1441

Delta R.T. 0.00 min

Lab File: VX004070.D

Acq: 15 Aug 2018 12:57

Instrument :

MSVOA_X

ClientSampleId :

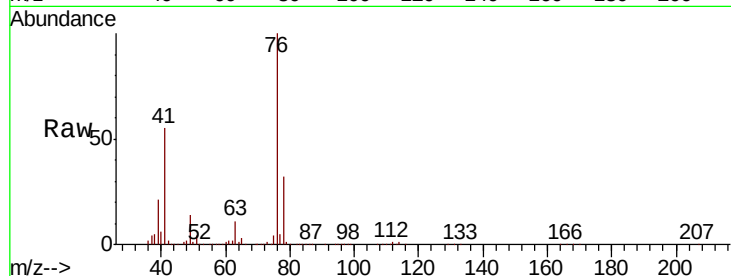
VSTDCCC050

Tot Ion: 76 Resp: 329852

Ion Ratio Lower Upper

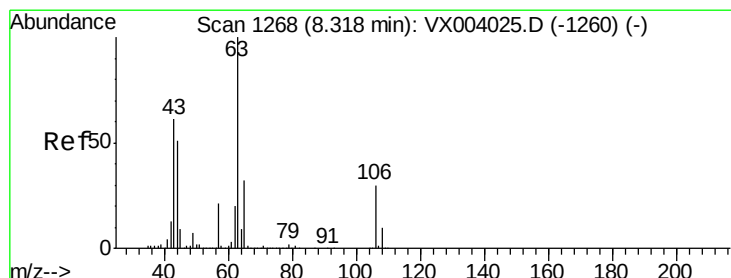
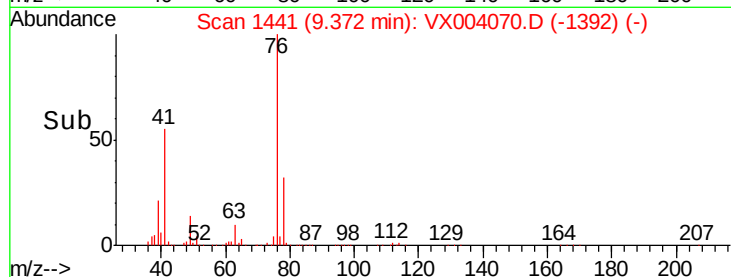
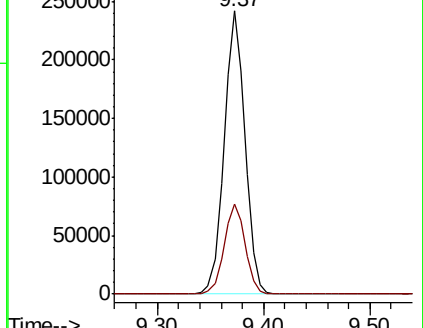
76 100

78 32.3 25.9 38.9



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 286.85 ug/l

RT: 8.32 min Scan# 1268

Delta R.T. 0.00 min

Lab File: VX004070.D

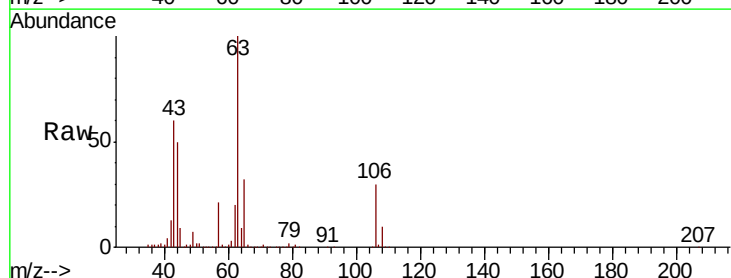
Acq: 15 Aug 2018 12:57

Tgt Ion: 63 Resp: 763910

Ion Ratio Lower Upper

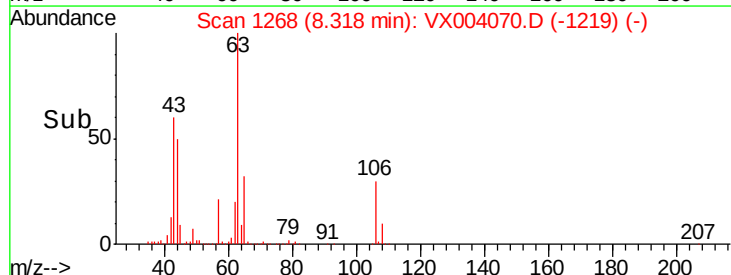
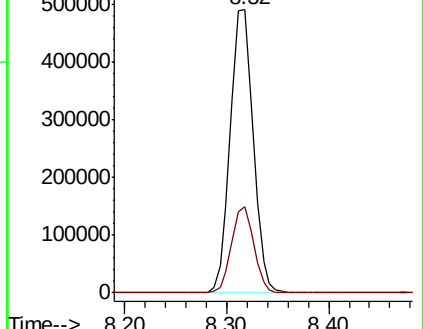
63 100

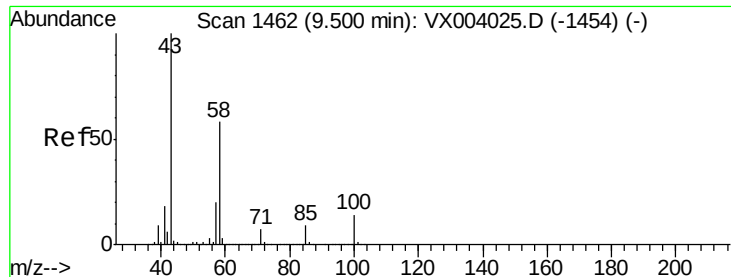
106 29.6 23.8 35.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

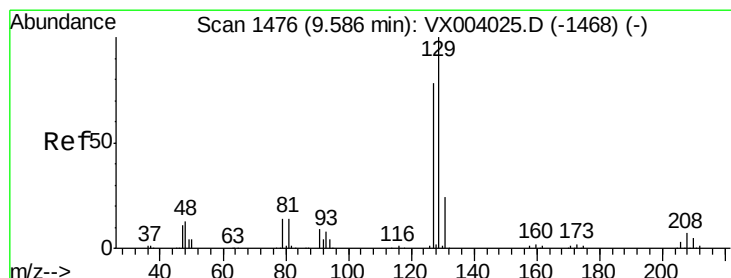
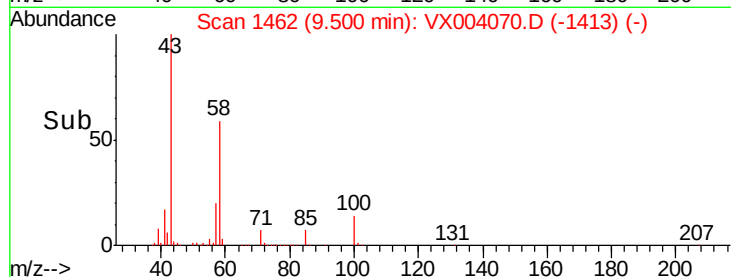
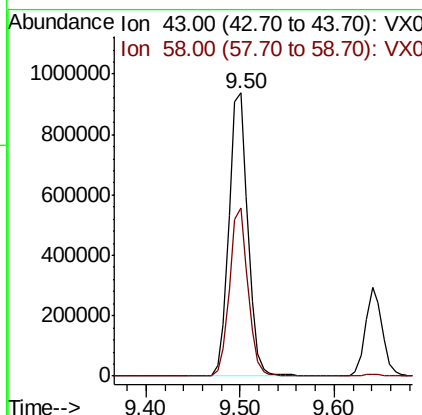
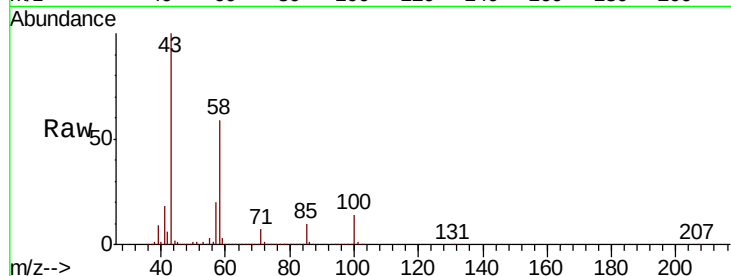




#59
2-Hexanone
Concen: 269.31 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. 0.00 min
Lab File: VX004070.D
Acq: 15 Aug 2018 12:57

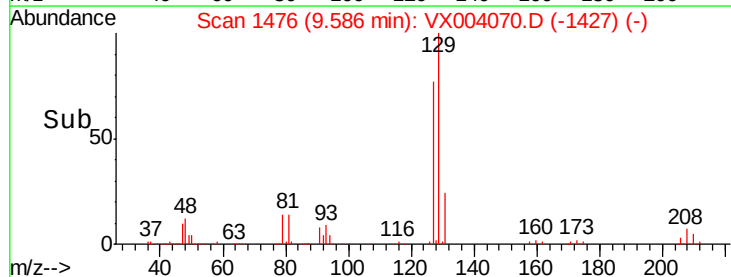
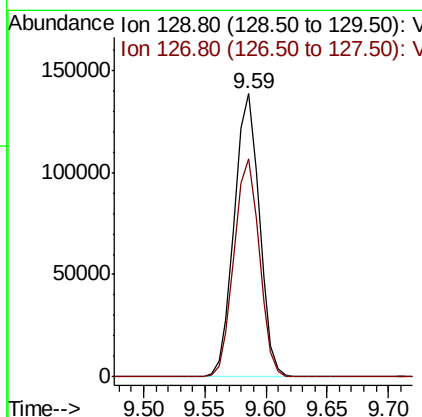
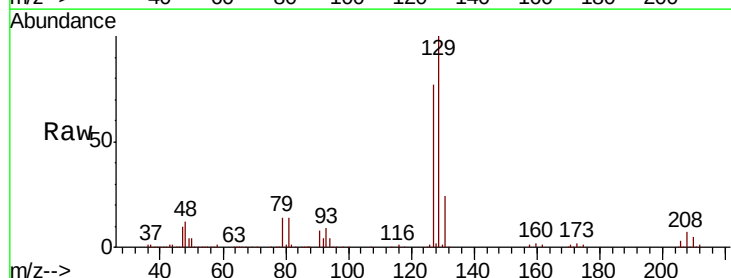
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

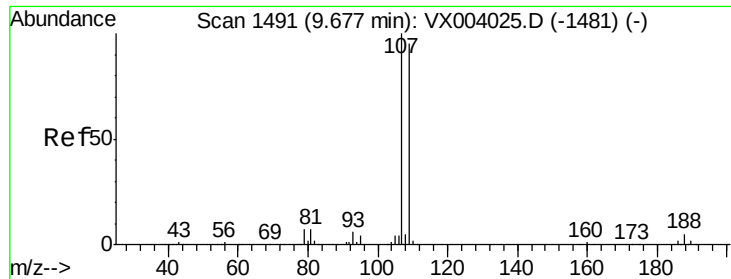
Tot Ion: 43 Resp: 1308275
Ion Ratio Lower Upper
43 100
58 57.6 29.0 87.0



#60
Dibromochloromethane
Concen: 53.19 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. 0.00 min
Lab File: VX004070.D
Acq: 15 Aug 2018 12:57

Tgt Ion: 129 Resp: 196865
Ion Ratio Lower Upper
129 100
127 77.4 38.8 116.3





#61

1,2-Dibromoethane

Concen: 52.12 ug/l

RT: 9.67 min Scan# 1490

Delta R.T. -0.01 min

Lab File: VX004070.D

Acq: 15 Aug 2018 12:57

Instrument :

MSVOA_X

ClientSampleId :

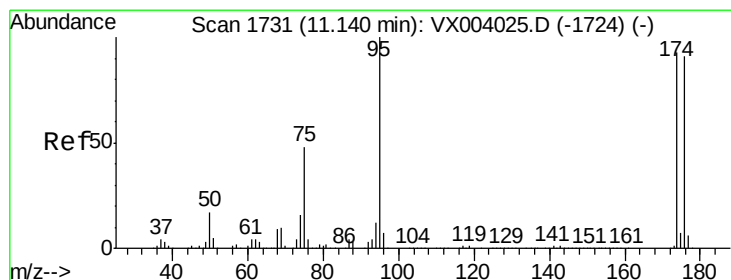
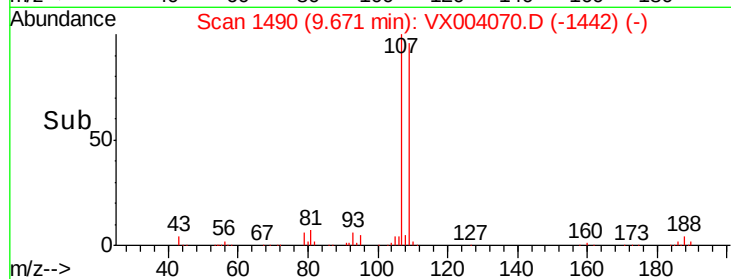
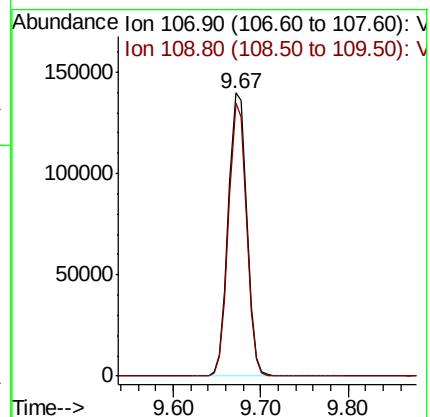
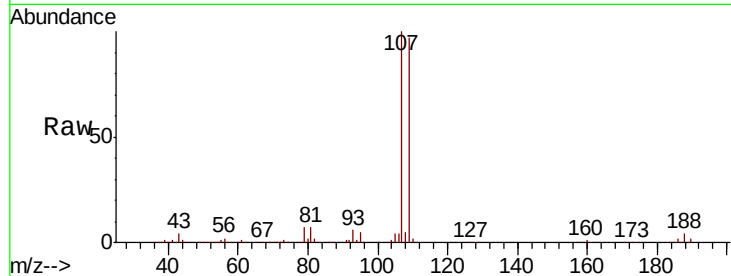
VSTDCCC050

Tot Ion:107 Resp: 204329

Ion Ratio Lower Upper

107 100

109 94.1 75.8 113.8



#62

4-Bromofluorobenzene

Concen: 53.91 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX004070.D

Acq: 15 Aug 2018 12:57

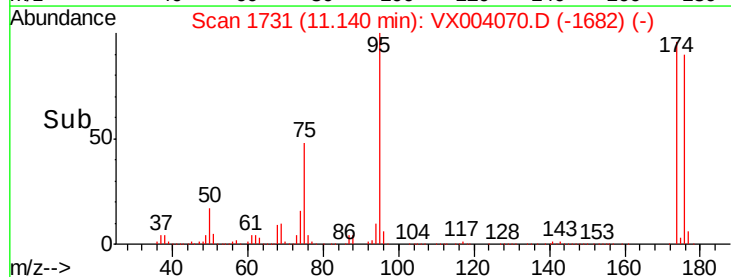
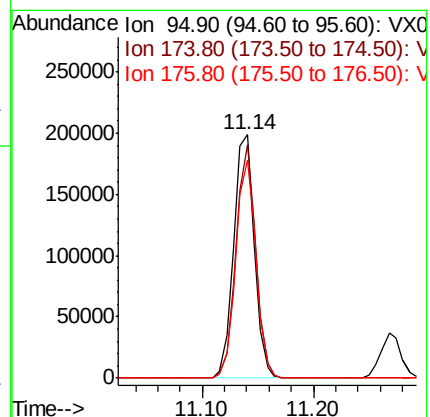
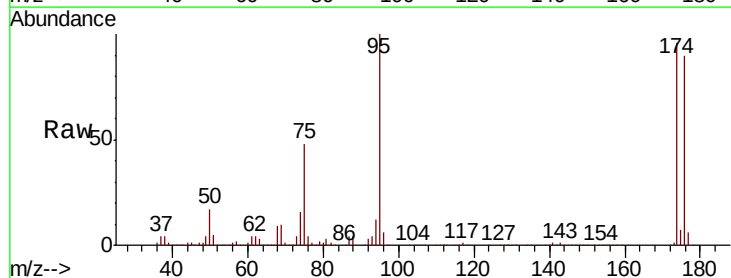
Tgt Ion: 95 Resp: 255723

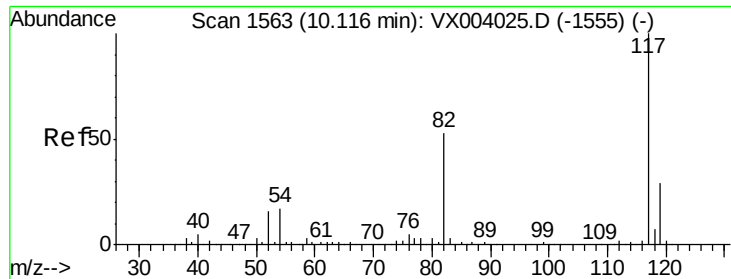
Ion Ratio Lower Upper

95 100

174 91.7 0.0 182.8

176 87.2 0.0 179.0

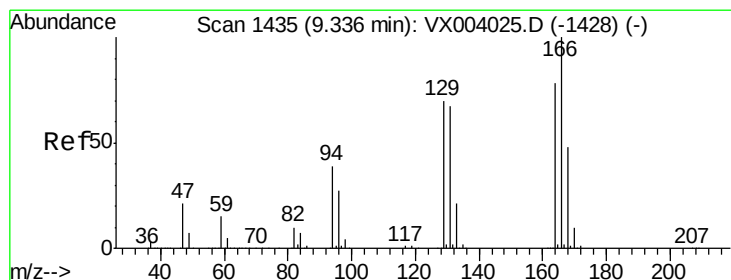
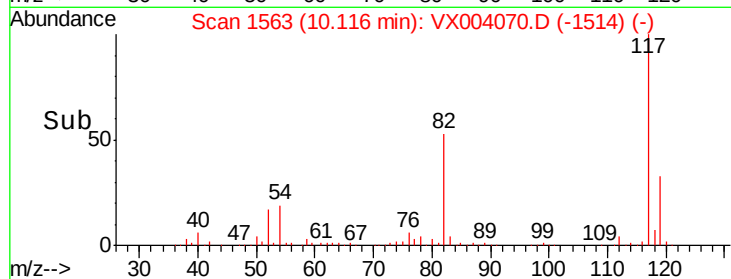
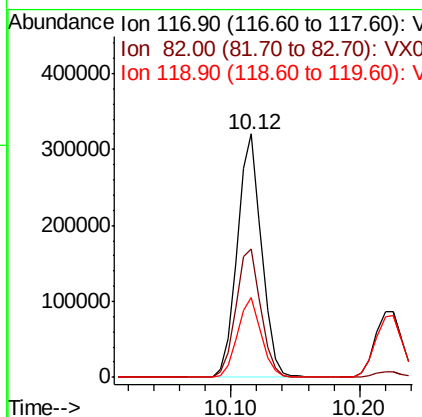
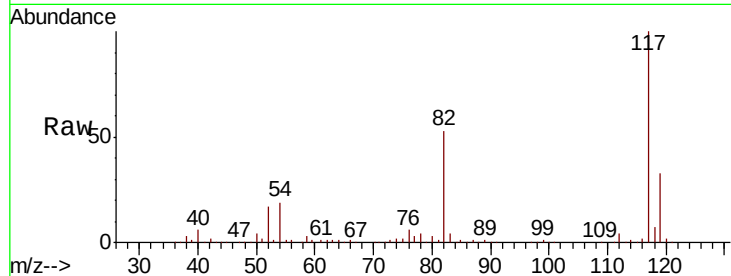




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX004070.D
Acq: 15 Aug 2018 12:57

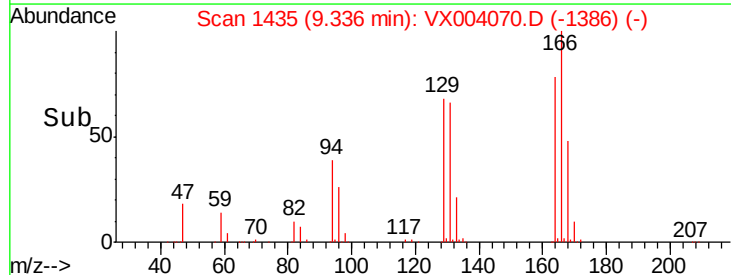
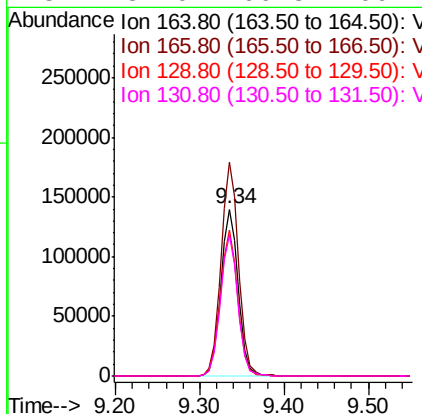
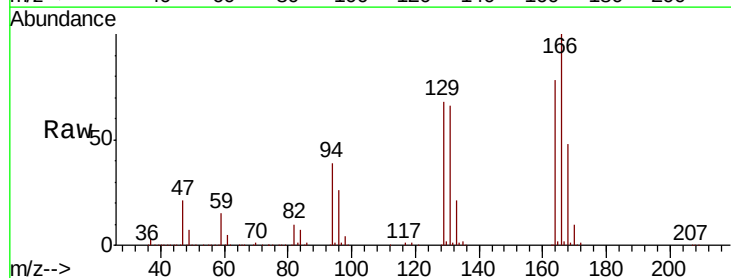
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

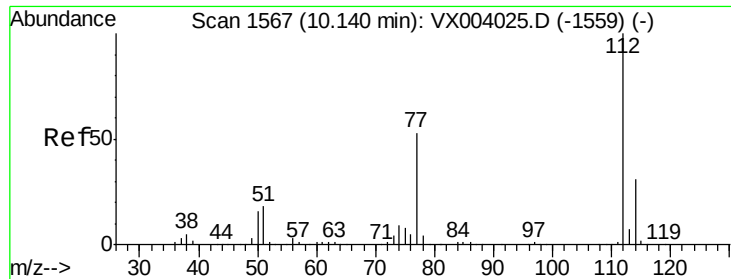
Tot Ion:117 Resp: 417908
Ion Ratio Lower Upper
117 100
82 52.8 45.4 68.0
119 32.6 26.6 40.0



#64
Tetrachloroethene
Concen: 50.49 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. -0.00 min
Lab File: VX004070.D
Acq: 15 Aug 2018 12:57

Tgt Ion:164 Resp: 199995
Ion Ratio Lower Upper
164 100
166 127.9 98.0 147.0
129 87.0 64.3 96.5
131 84.0 66.8 100.2

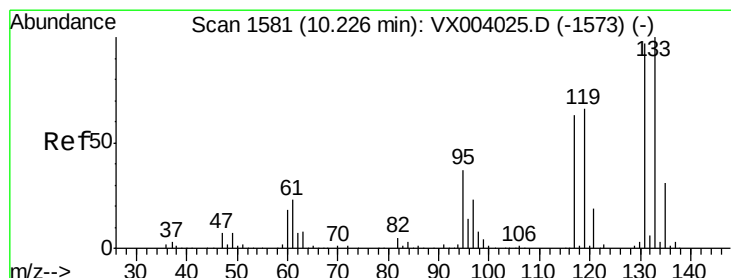
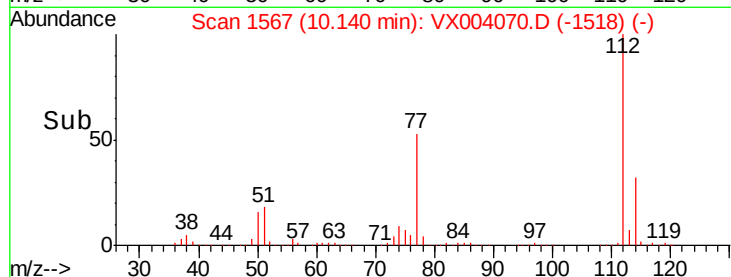
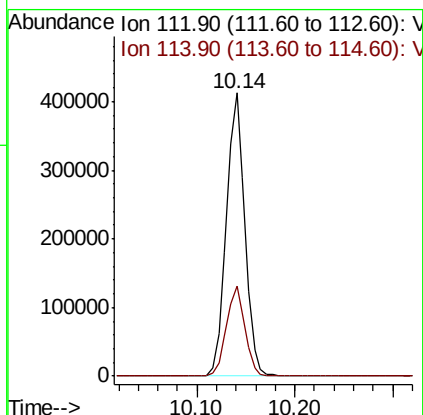
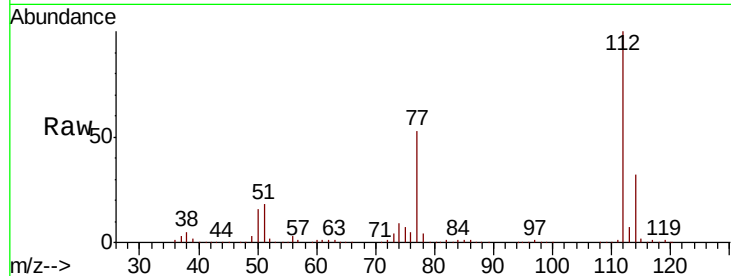




#65
Chlorobenzene
Concen: 50.10 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VX004070.D
Acq: 15 Aug 2018 12:57

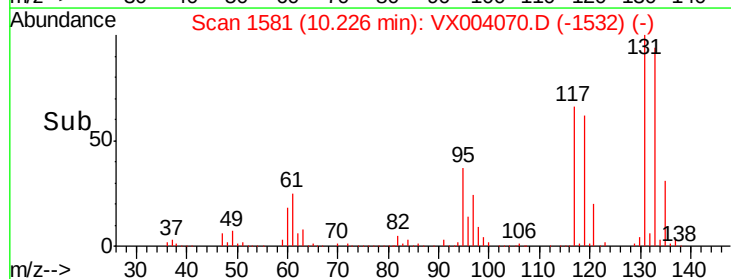
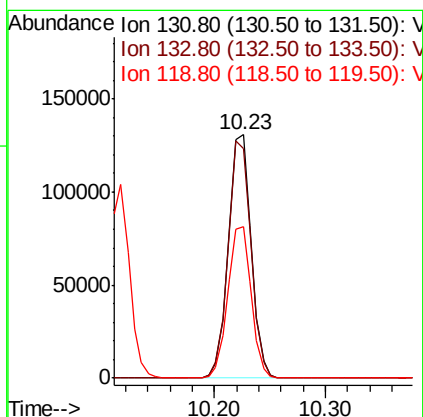
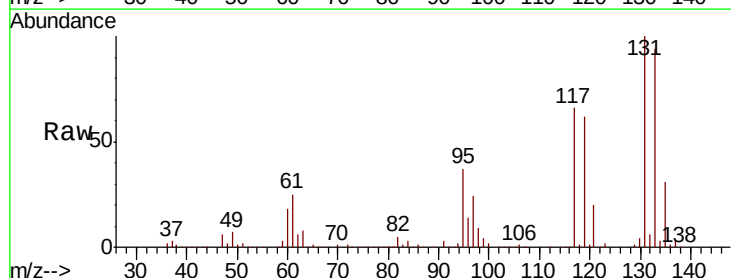
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

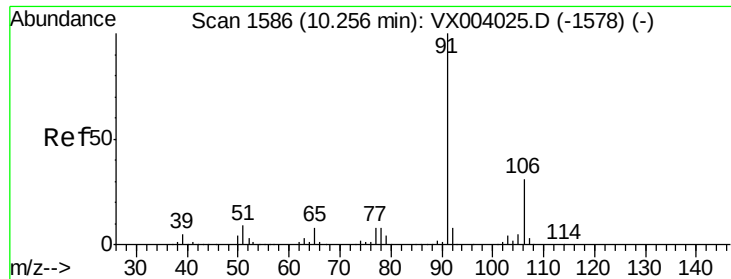
Tot Ion:112 Resp: 540871
Ion Ratio Lower Upper
112 100
114 31.6 23.6 35.4



#66
1,1,1,2-Tetrachloroethane
Concen: 50.39 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. -0.00 min
Lab File: VX004070.D
Acq: 15 Aug 2018 12:57

Tgt Ion:131 Resp: 185532
Ion Ratio Lower Upper
131 100
133 97.6 47.3 141.8
119 63.8 31.6 94.8





#67

Ethyl Benzene

Concen: 53.34 ug/l

RT: 10.25 min Scan# 1585

Delta R.T. -0.01 min

Lab File: VX004070.D

Acq: 15 Aug 2018 12:57

Instrument :

MSVOA_X

ClientSampleId :

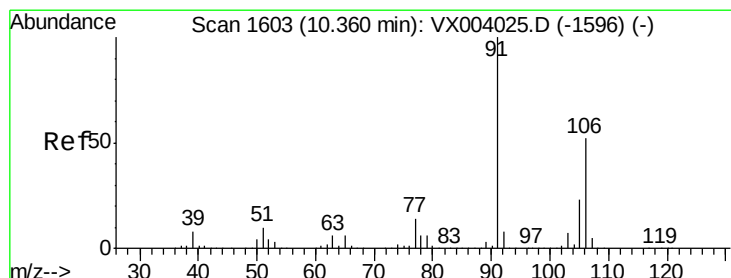
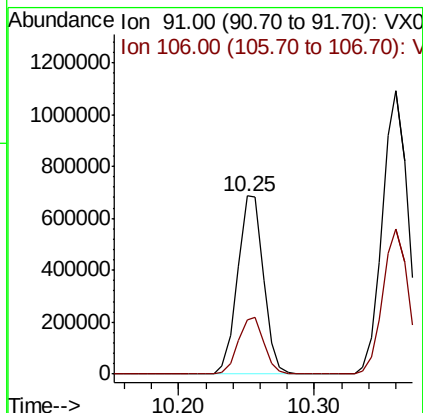
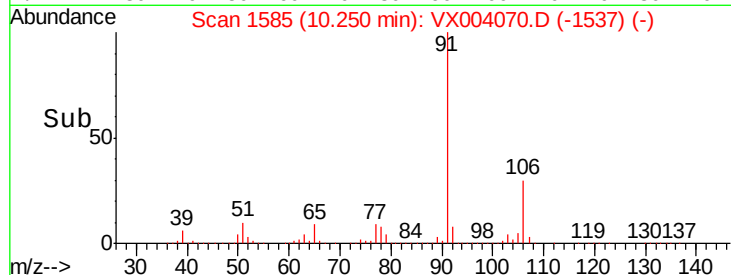
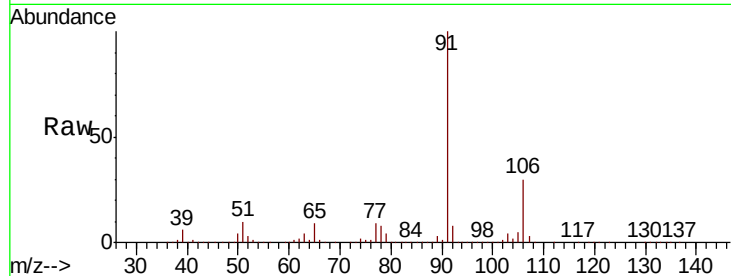
VSTDCCC050

Tot Ion: 91 Resp: 911742

Ion Ratio Lower Upper

91 100

106 30.2 25.9 38.9



#68

m/p-Xylenes

Concen: 109.88 ug/l

RT: 10.36 min Scan# 1603

Delta R.T. 0.00 min

Lab File: VX004070.D

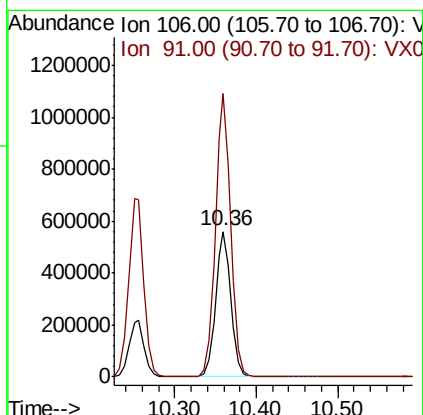
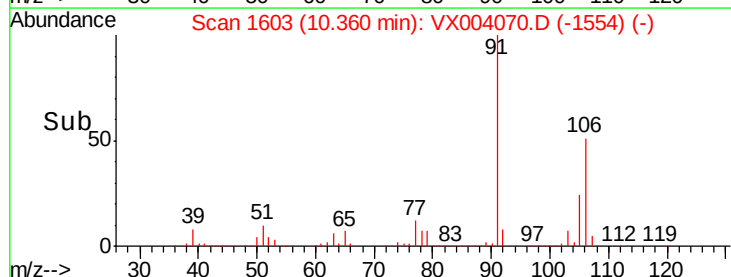
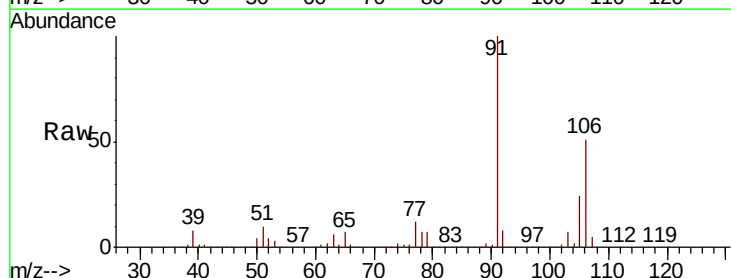
Acq: 15 Aug 2018 12:57

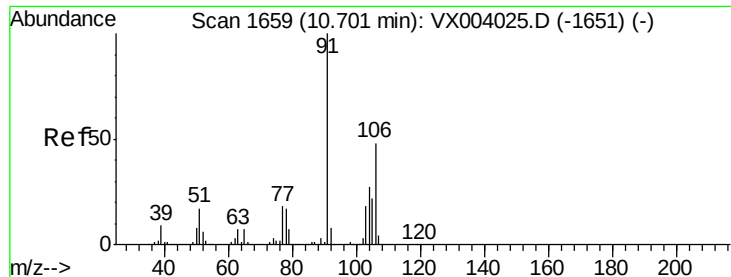
Tgt Ion: 106 Resp: 735529

Ion Ratio Lower Upper

106 100

91 196.7 162.3 243.5

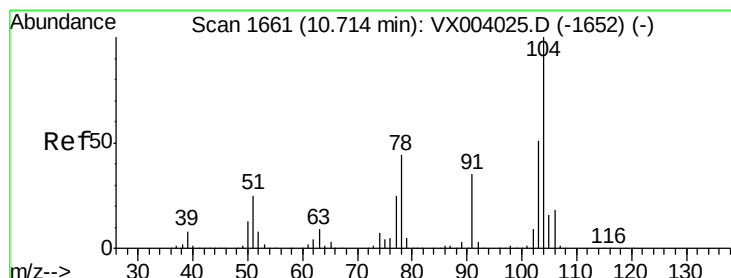
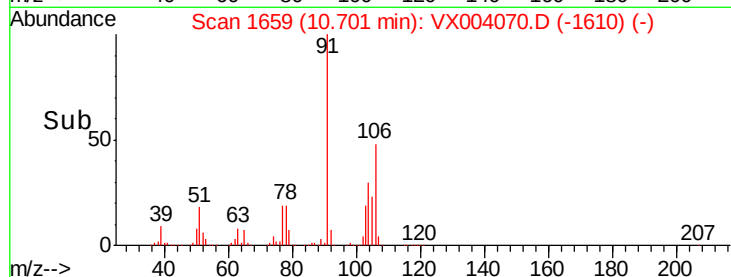
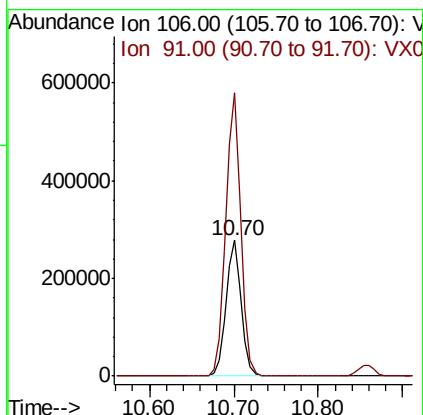
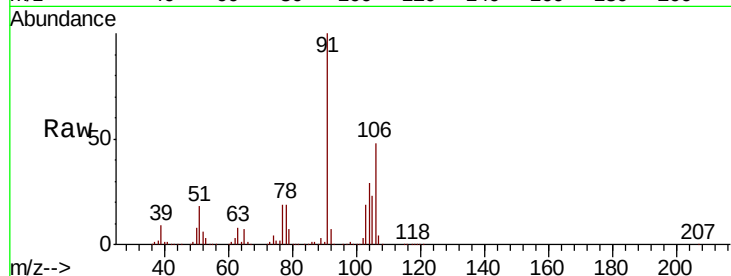




#69
o-Xylene
Concen: 53.66 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX004070.D
Acq: 15 Aug 2018 12:57

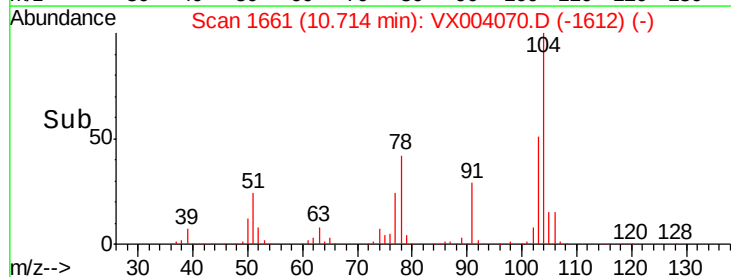
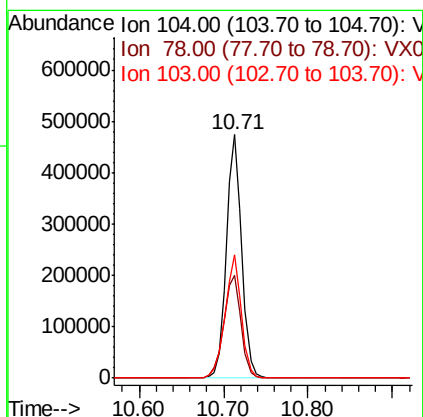
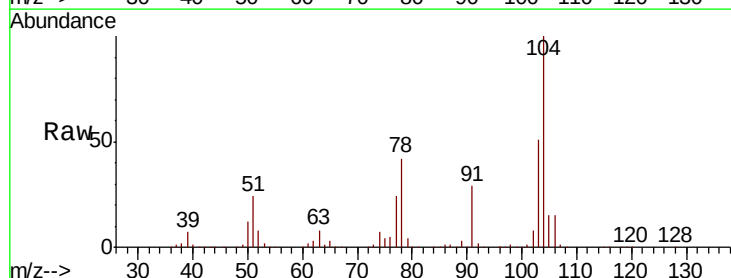
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

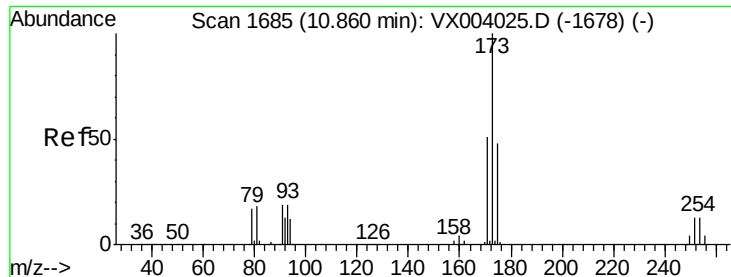
Tot Ion:106 Resp: 343253
Ion Ratio Lower Upper
106 100
91 209.3 101.9 305.7



#70
Styrene
Concen: 54.42 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX004070.D
Acq: 15 Aug 2018 12:57

Tgt Ion:104 Resp: 585929
Ion Ratio Lower Upper
104 100
78 48.2 39.8 59.6
103 54.1 44.3 66.5

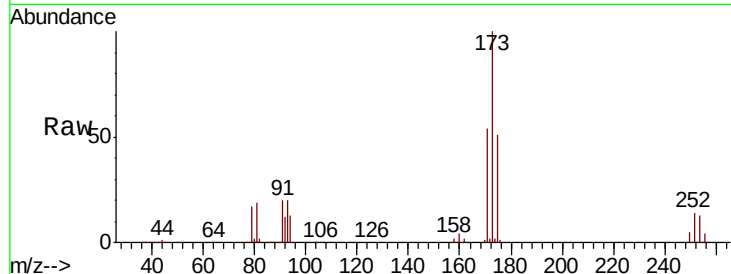




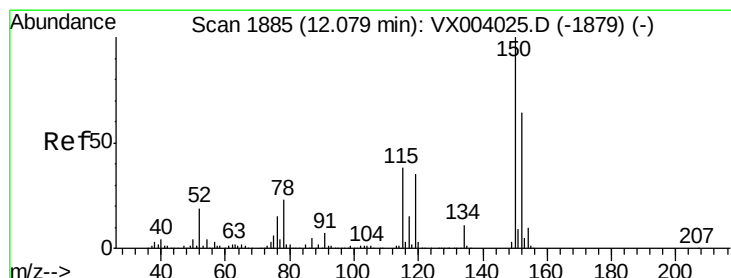
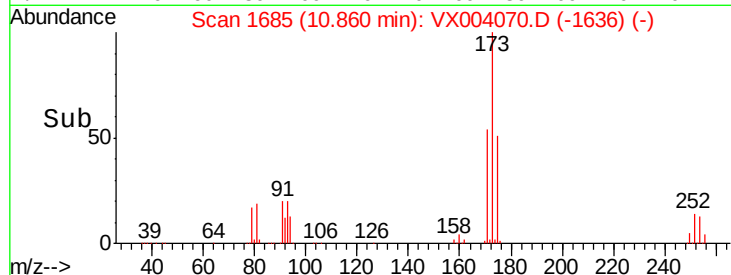
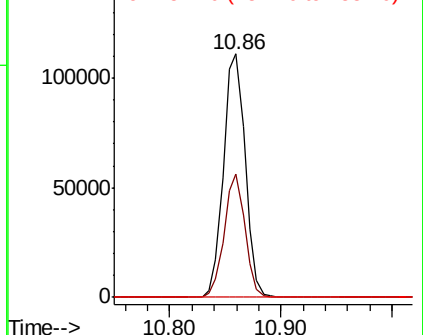
#71
Bromoform
Concen: 51.37 ug/l
RT: 10.86 min Scan# 1685
Delta R.T. -0.00 min
Lab File: VX004070.D
Acq: 15 Aug 2018 12:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.3	24.9	74.7
254	0.2	0.2	0.2

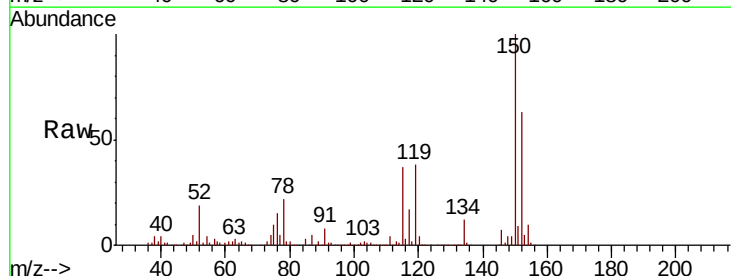


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

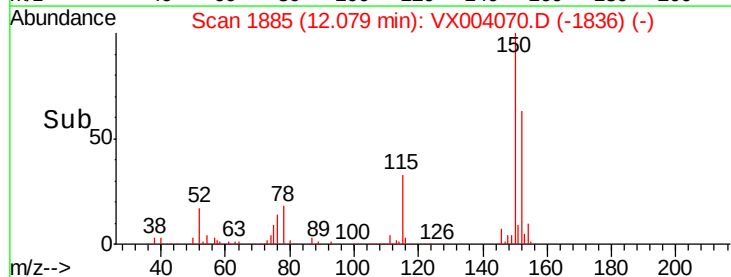
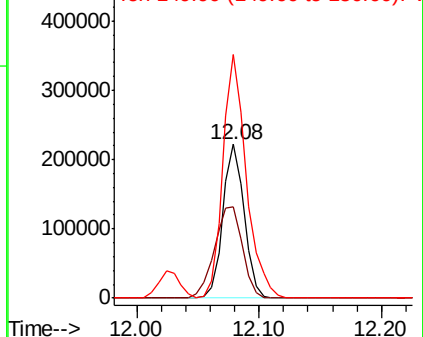


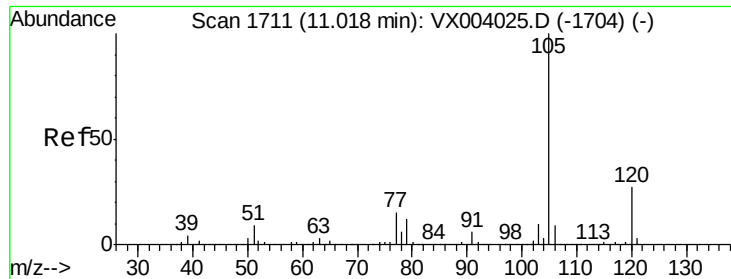
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX004070.D
Acq: 15 Aug 2018 12:57

Tgt Ion	Ratio	Lower	Upper
152	100		
115	78.4	39.1	117.3
150	174.6	0.0	349.2



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: 52.65 ug/l

RT: 11.02 min Scan# 1711

Delta R.T. 0.00 min

Lab File: VX004070.D

Acq: 15 Aug 2018 12:57

Instrument :

MSVOA_X

ClientSampleId :

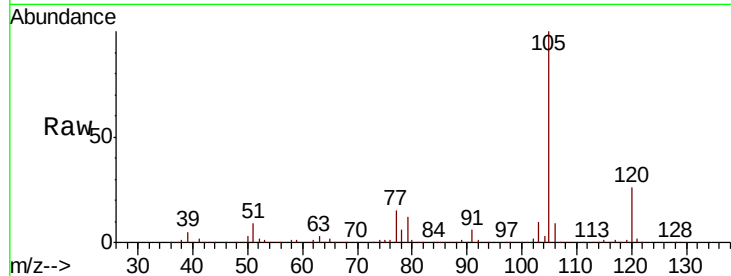
VSTDCCC050

Tot Ion:105 Resp: 951791

Ion Ratio Lower Upper

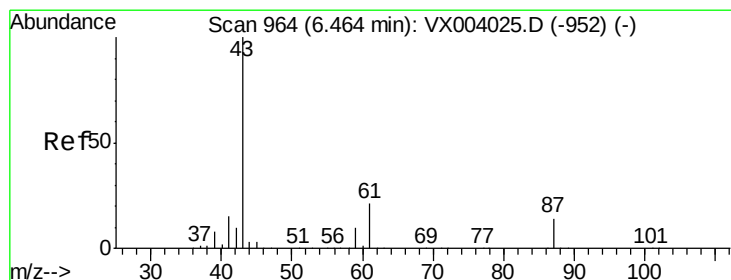
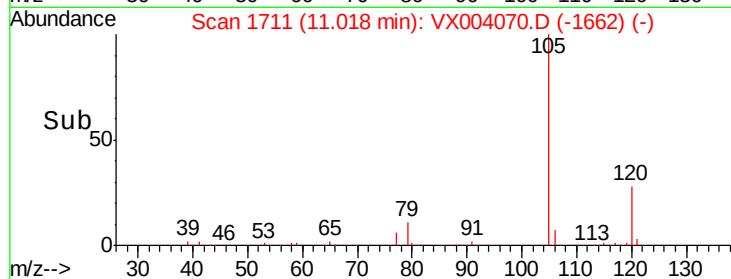
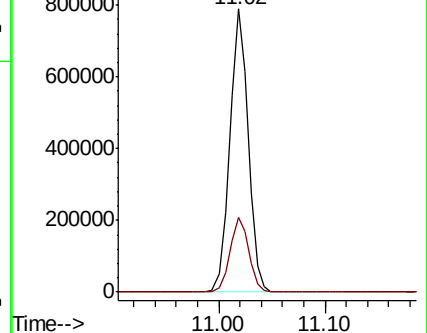
105 100

120 26.8 12.6 37.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 46.26 ug/l

RT: 6.46 min Scan# 964

Delta R.T. -0.00 min

Lab File: VX004070.D

Acq: 15 Aug 2018 12:57

Tgt Ion: 43 Resp: 393291

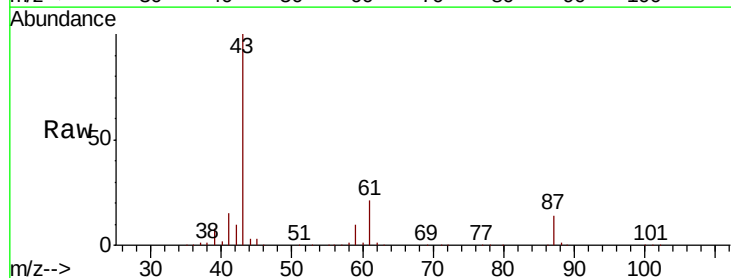
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.0 0.1 0.1#

61 20.9 16.9 25.3

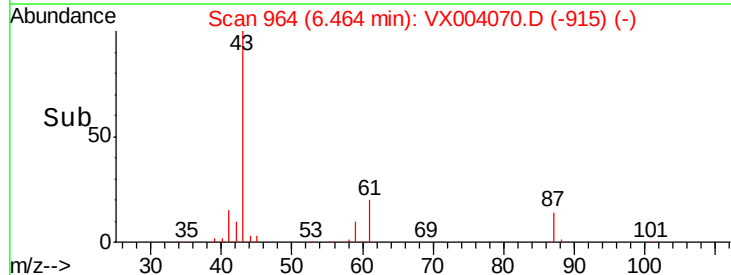
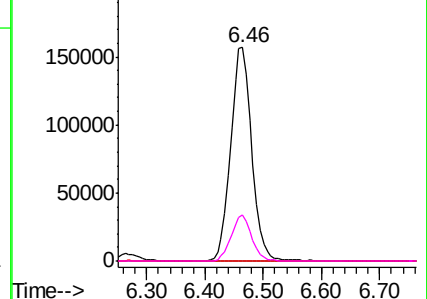


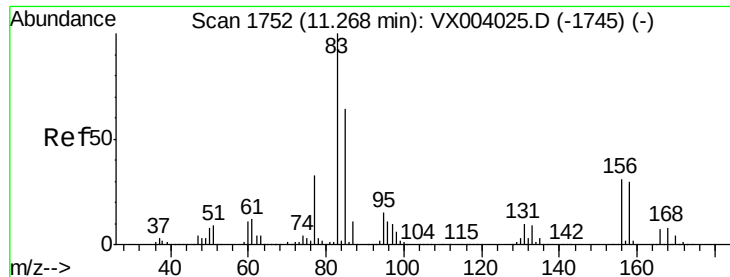
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 47.78 ug/l

RT: 11.27 min Scan# 1752

Delta R.T. -0.00 min

Lab File: VX004070.D

Acq: 15 Aug 2018 12:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

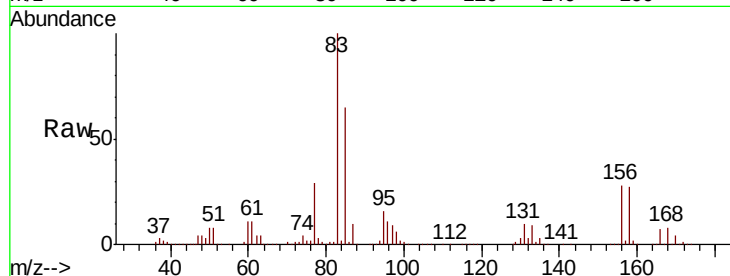
Tot Ion: 83 Resp: 301621

Ion Ratio Lower Upper

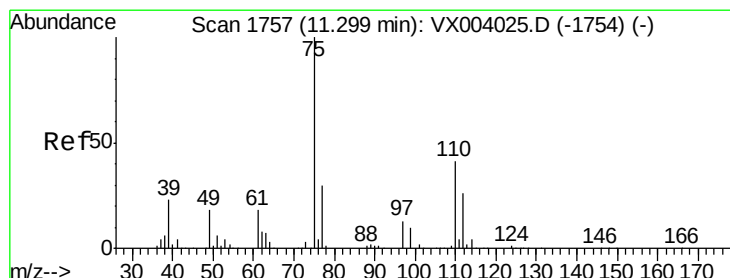
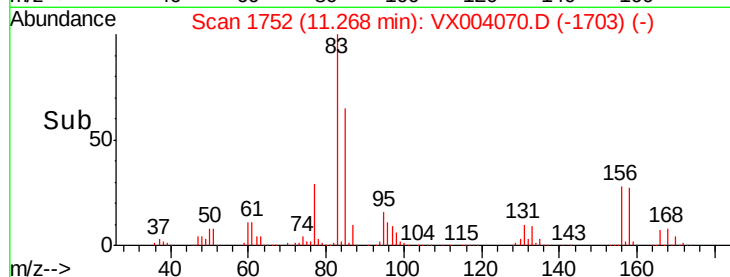
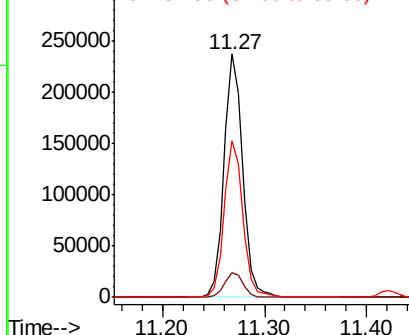
83 100

131 10.4 5.2 15.6

85 64.6 32.2 96.6



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: 65.24 ug/l

RT: 11.30 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VX004070.D

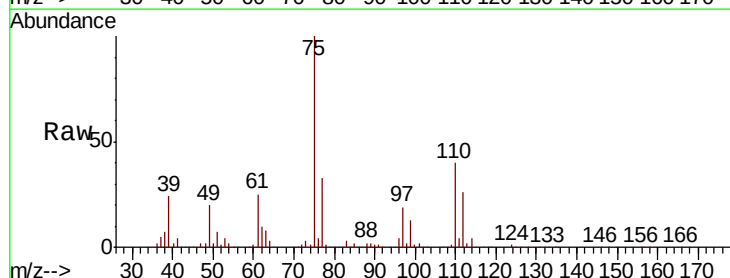
Acq: 15 Aug 2018 12:57

Tgt Ion: 75 Resp: 349491

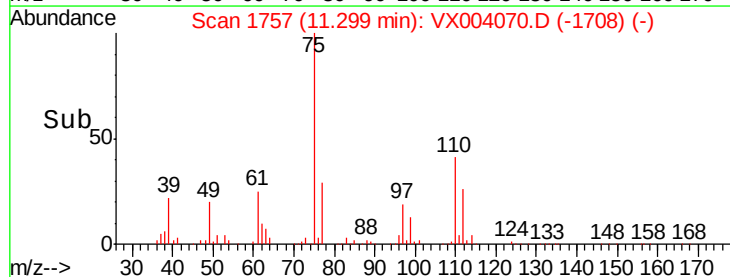
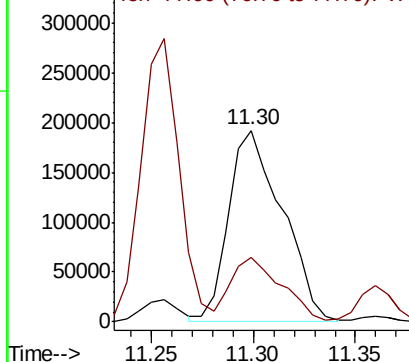
Ion Ratio Lower Upper

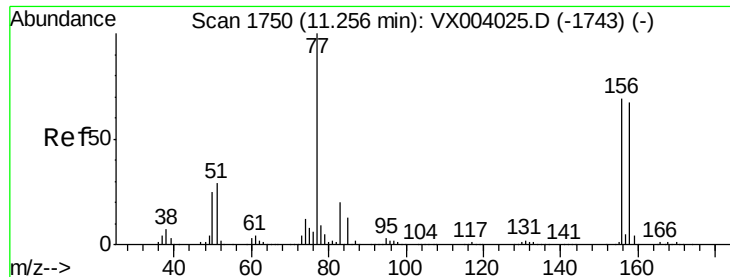
75 100

77 31.7 20.8 62.5



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 49.62 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. -0.00 min

Lab File: VX004070.D

Acq: 15 Aug 2018 12:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

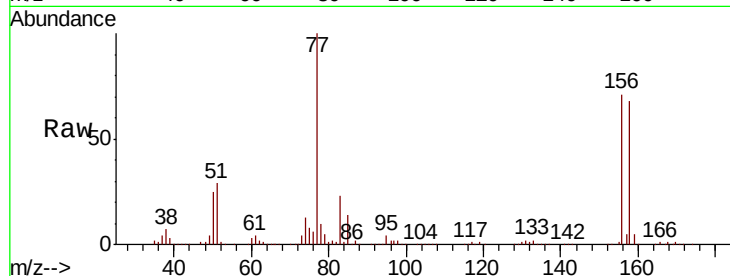
Tot Ion:156 Resp: 247287

Ion Ratio Lower Upper

156 100

77 148.6 74.1 222.2

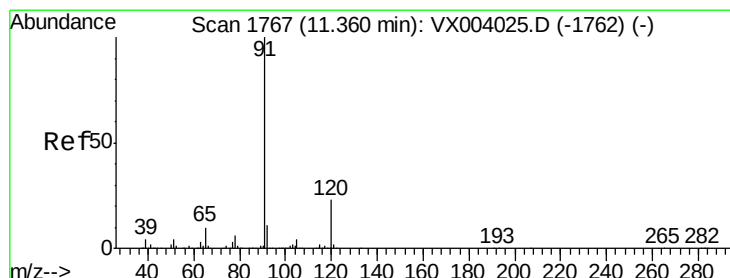
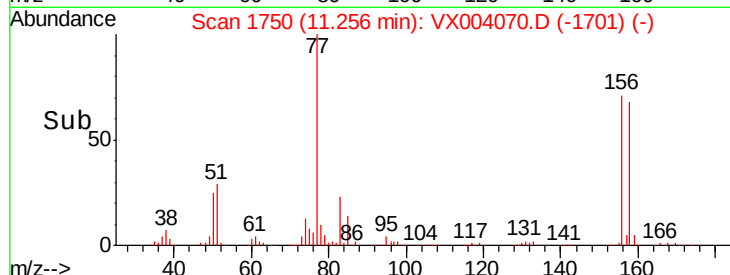
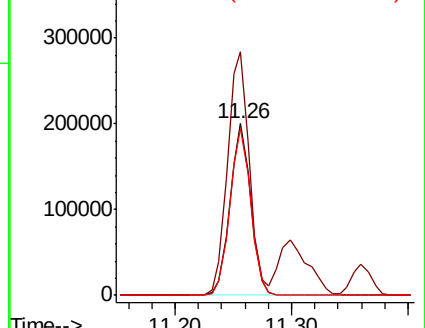
158 97.8 48.6 145.9



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 54.63 ug/l

RT: 11.36 min Scan# 1767

Delta R.T. 0.00 min

Lab File: VX004070.D

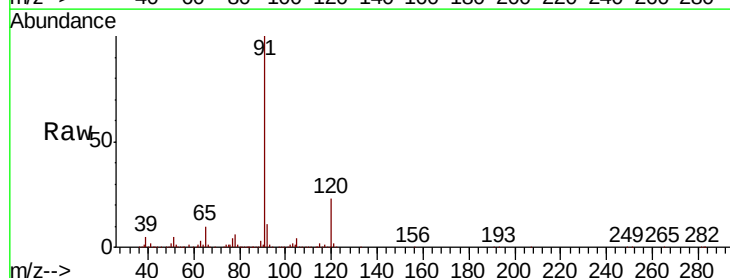
Acq: 15 Aug 2018 12:57

Tgt Ion: 91 Resp: 1105159

Ion Ratio Lower Upper

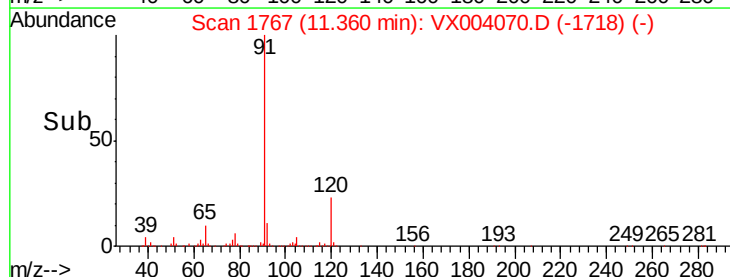
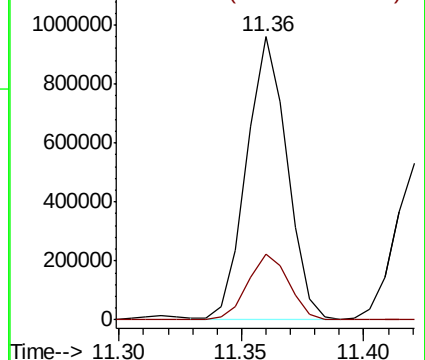
91 100

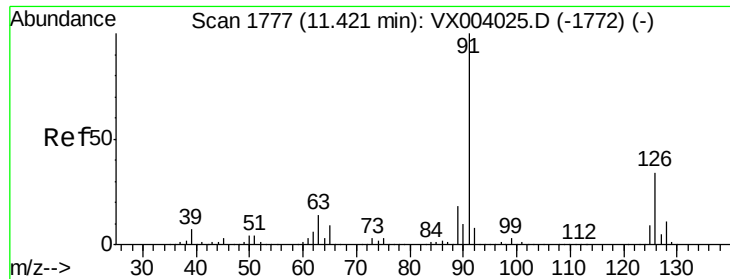
120 23.8 11.9 35.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

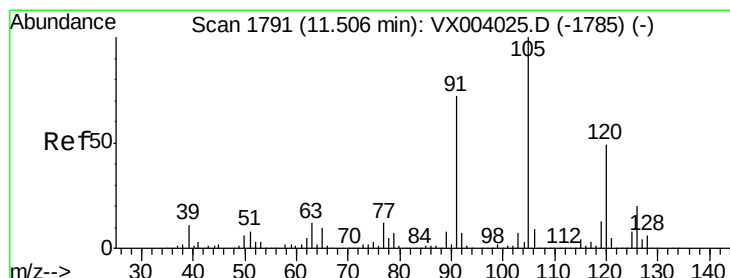
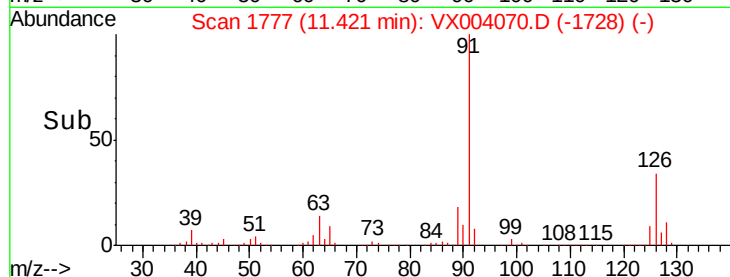
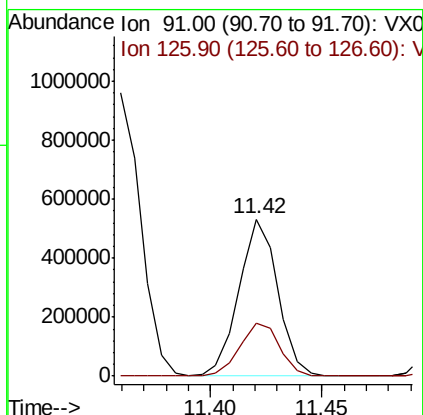
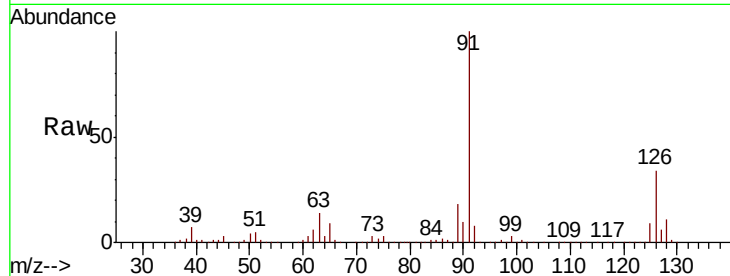




#79
 2-Chlorotoluene
 Concen: 52.46 ug/l
 RT: 11.42 min Scan# 1777
 Delta R.T. 0.00 min
 Lab File: VX004070.D
 Acq: 15 Aug 2018 12:57

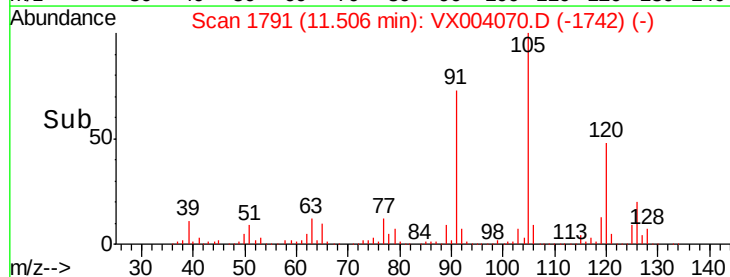
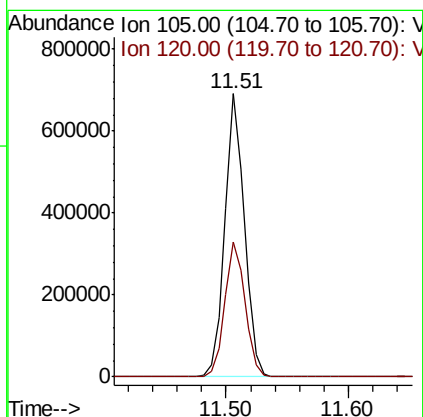
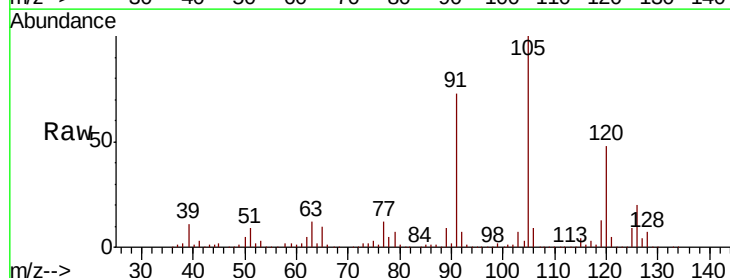
Instrument :
 MSVOA_X
 ClientSampled :
 VSTDCCC050

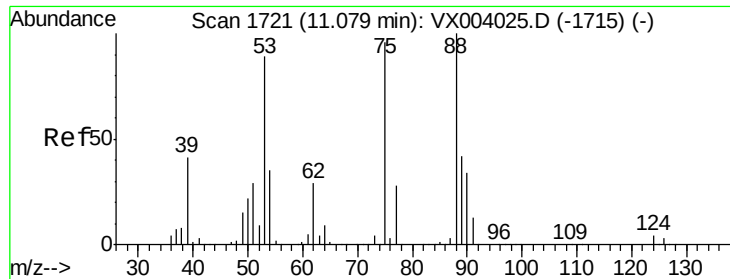
Tot Ion: 91 Resp: 646771
 Ion Ratio Lower Upper
 91 100
 126 35.0 17.4 52.3



#80
 1,3,5-Trimethylbenzene
 Concen: 51.48 ug/l
 RT: 11.51 min Scan# 1791
 Delta R.T. 0.00 min
 Lab File: VX004070.D
 Acq: 15 Aug 2018 12:57

Tgt Ion: 105 Resp: 761972
 Ion Ratio Lower Upper
 105 100
 120 49.6 25.4 76.2





#81

trans-1,4-Dichloro-2-butene

Concen: 52.21 ug/l

RT: 11.07 min Scan# 1720

Delta R.T. -0.01 min

Lab File: VX004070.D

Acq: 15 Aug 2018 12:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

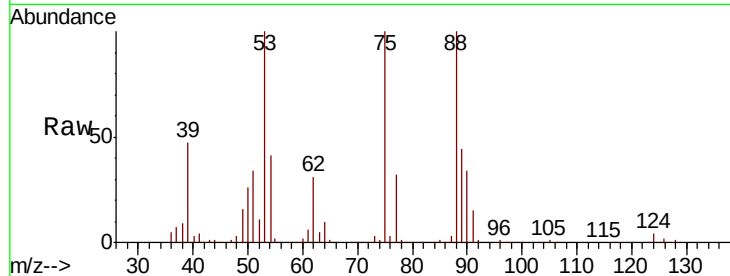
Tot Ion: 75 Resp: 90352

Ion Ratio Lower Upper

75 100

53 99.3 80.3 120.5

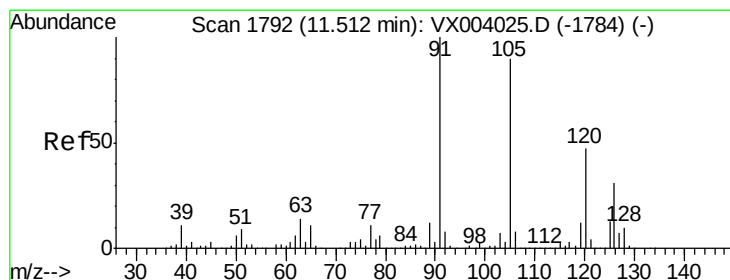
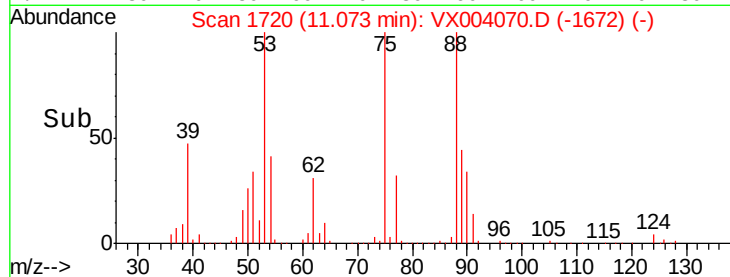
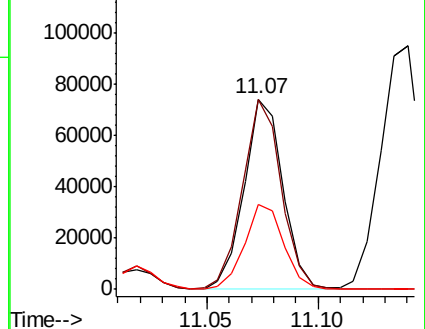
89 45.5 37.8 56.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 51.72 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX004070.D

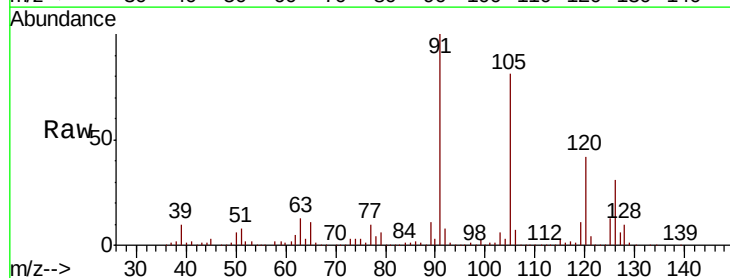
Acq: 15 Aug 2018 12:57

Tgt Ion: 91 Resp: 753652

Ion Ratio Lower Upper

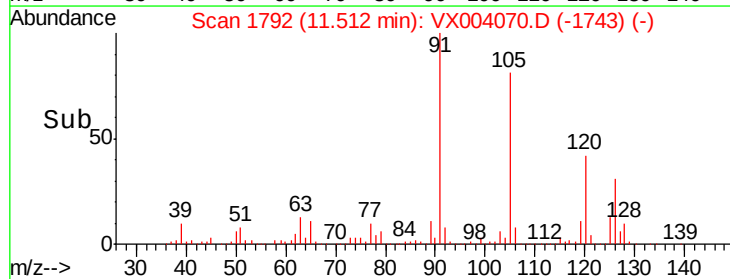
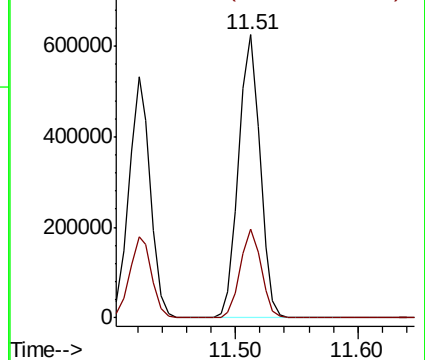
91 100

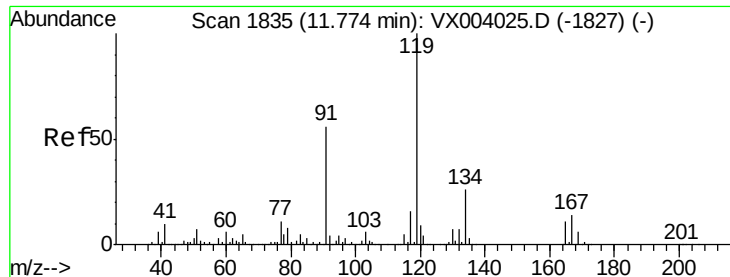
126 30.6 15.6 46.7



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

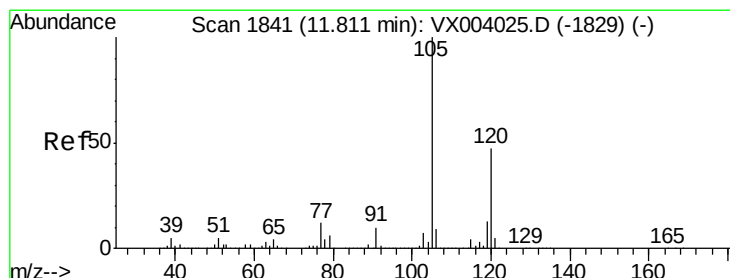
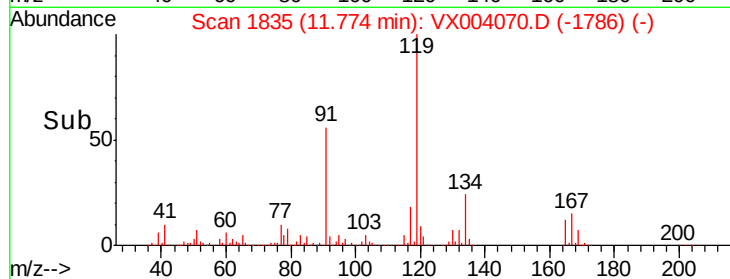
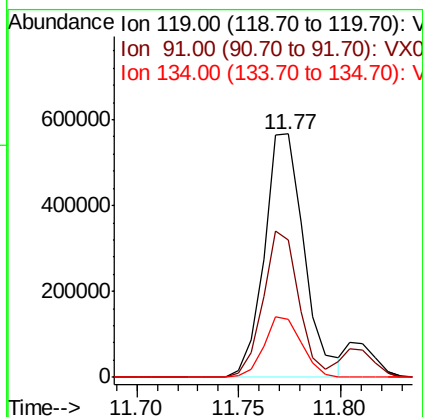
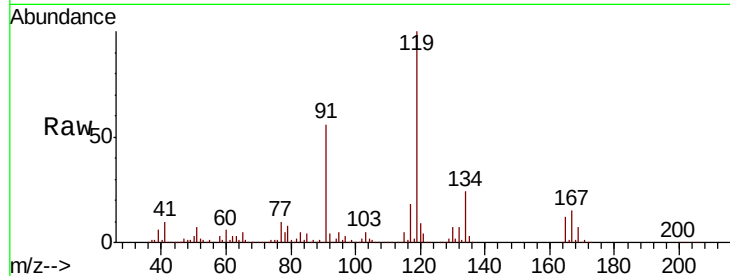




#83
 tert-Butylbenzene
 Concen: 51.72 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: VX004070.D
 Acq: 15 Aug 2018 12:57

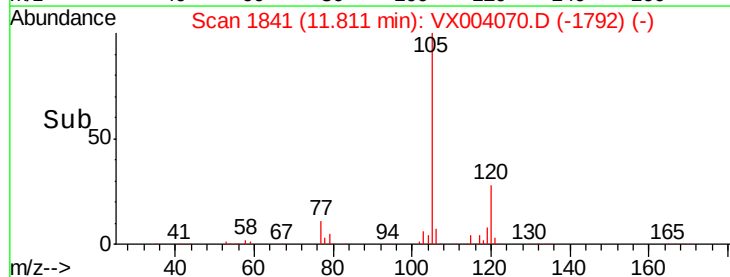
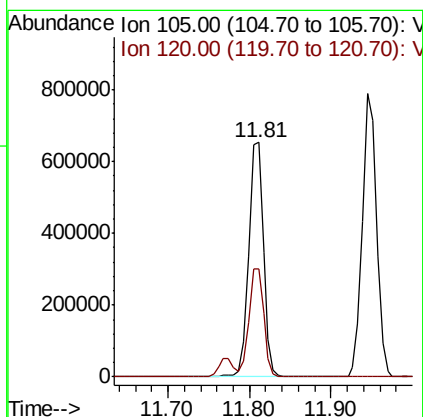
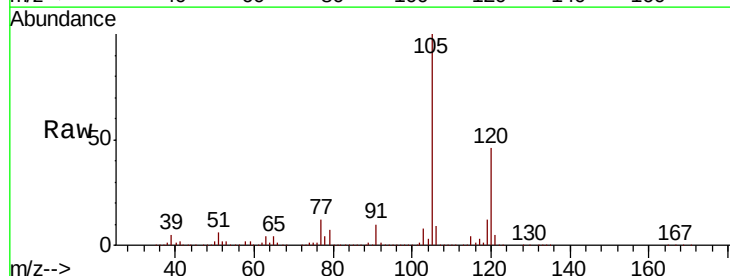
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

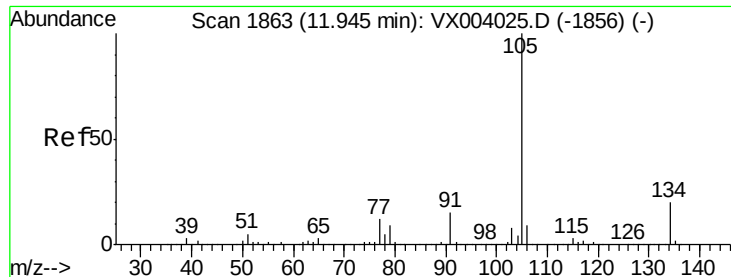
Tot Ion:119 Resp: 771894
 Ion Ratio Lower Upper
 119 100
 91 53.9 26.9 80.7
 134 23.5 12.0 36.0



#84
 1,2,4-Trimethylbenzene
 Concen: 53.67 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: VX004070.D
 Acq: 15 Aug 2018 12:57

Tgt Ion:105 Resp: 822760
 Ion Ratio Lower Upper
 105 100
 120 46.2 23.1 69.2

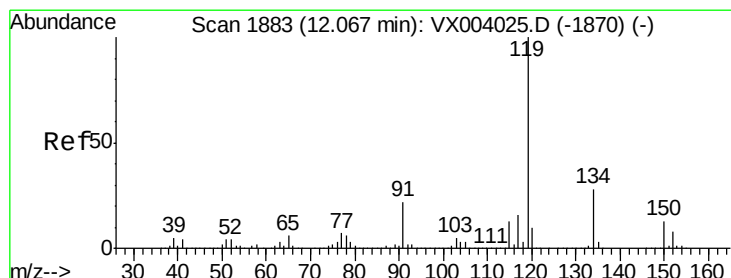
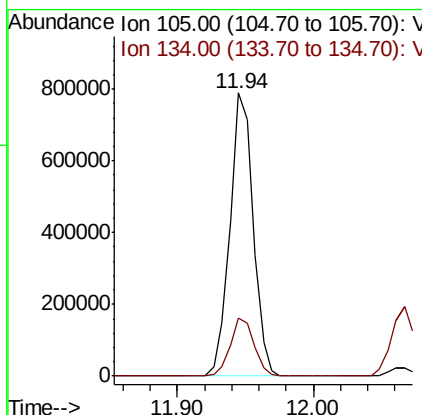
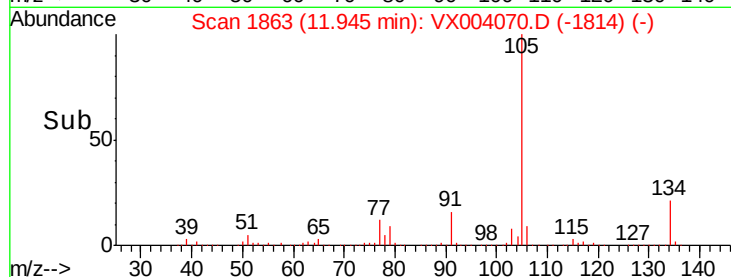
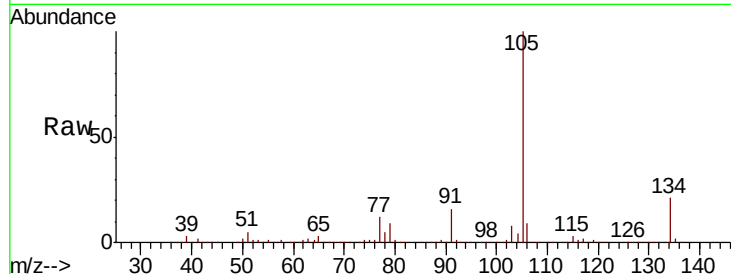




#85
 sec-Butylbenzene
 Concen: 53.64 ug/l
 RT: 11.94 min Scan# 1863
 Delta R.T. -0.00 min
 Lab File: VX004070.D
 Acq: 15 Aug 2018 12:57

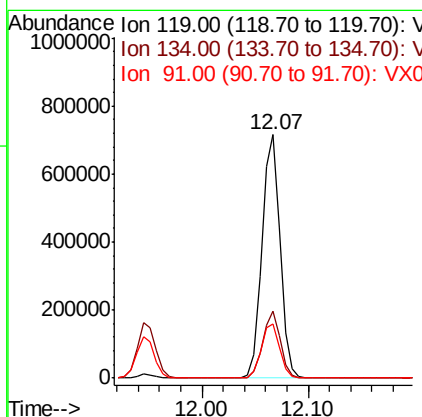
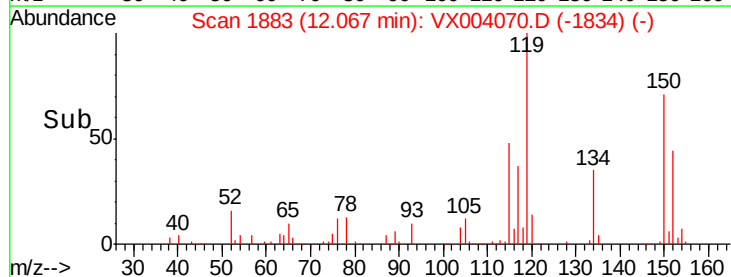
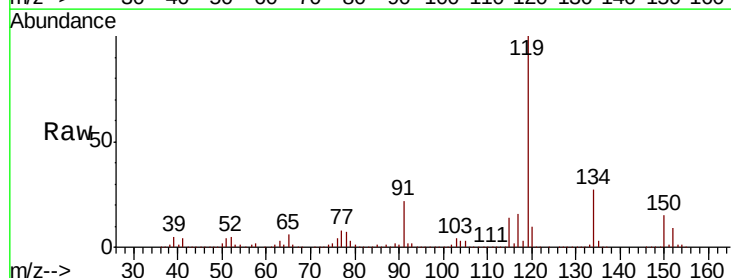
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

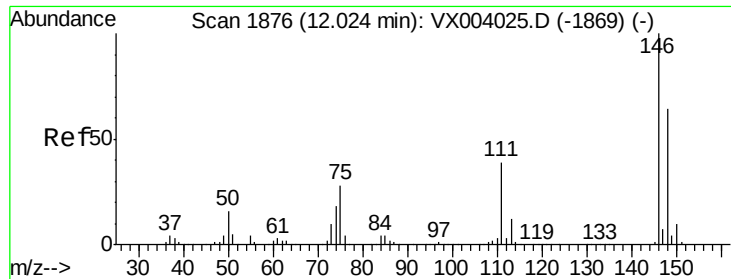
Tot Ion:105 Resp: 936852
 Ion Ratio Lower Upper
 105 100
 134 21.0 10.3 30.9



#86
 p-Isopropyltoluene
 Concen: 53.86 ug/l
 RT: 12.07 min Scan# 1883
 Delta R.T. -0.00 min
 Lab File: VX004070.D
 Acq: 15 Aug 2018 12:57

Tgt Ion:119 Resp: 851659
 Ion Ratio Lower Upper
 119 100
 134 26.7 13.3 39.8
 91 22.5 10.9 32.7

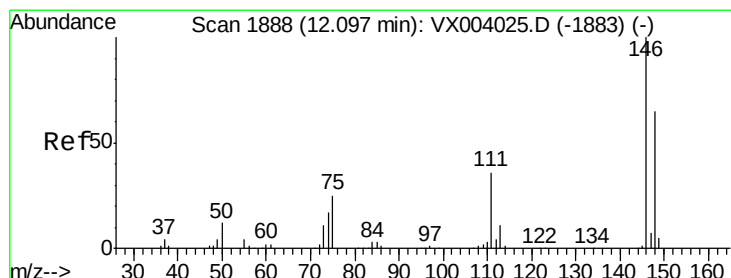
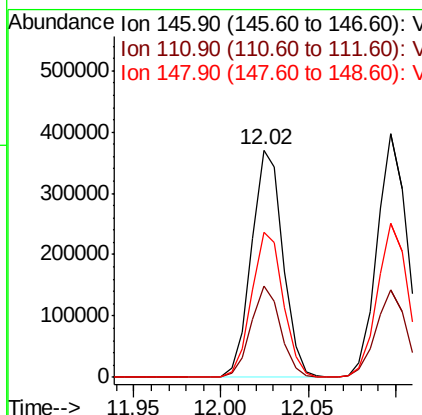
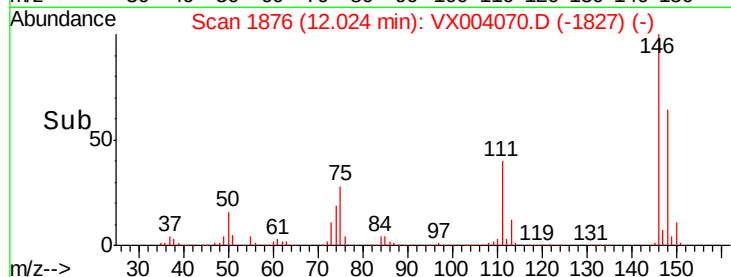
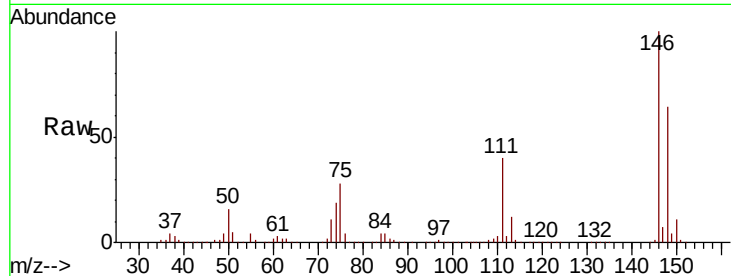




#87
 1,3-Dichlorobenzene
 Concen: 48.66 ug/l
 RT: 12.02 min Scan# 1876
 Delta R.T. 0.00 min
 Lab File: VX004070.D
 Acq: 15 Aug 2018 12:57

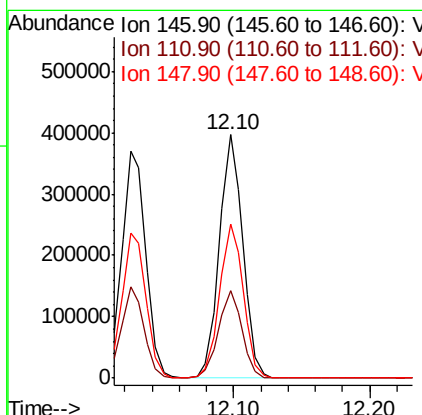
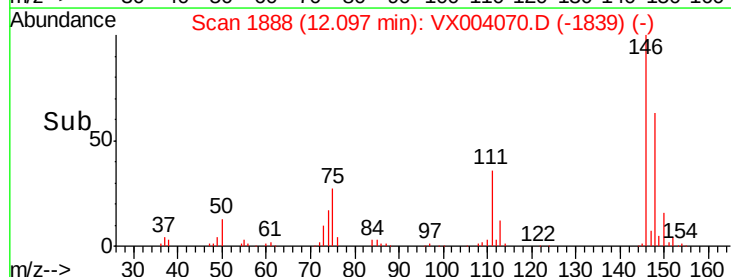
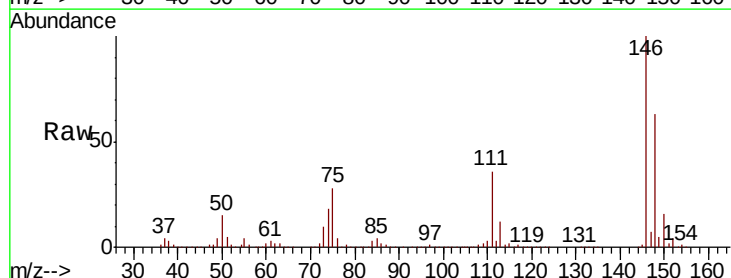
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

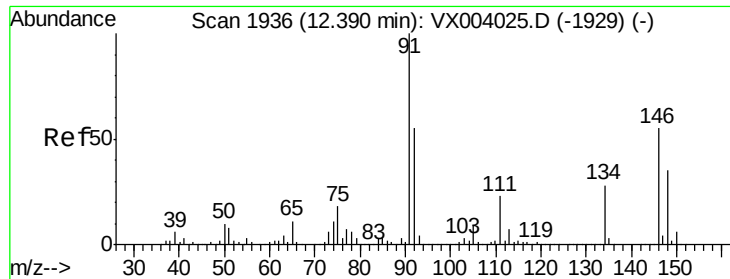
Tot Ion:146 Resp: 462474
 Ion Ratio Lower Upper
 146 100
 111 38.2 18.8 56.4
 148 64.2 31.9 95.5



#88
 1,4-Dichlorobenzene
 Concen: 48.31 ug/l
 RT: 12.10 min Scan# 1888
 Delta R.T. -0.00 min
 Lab File: VX004070.D
 Acq: 15 Aug 2018 12:57

Tgt Ion:146 Resp: 472550
 Ion Ratio Lower Upper
 146 100
 111 36.5 18.4 55.0
 148 64.2 32.3 96.8





#89

n-Butylbenzene

Concen: 55.21 ug/l

RT: 12.39 min Scan# 1936

Delta R.T. -0.00 min

Lab File: VX004070.D

Acq: 15 Aug 2018 12:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

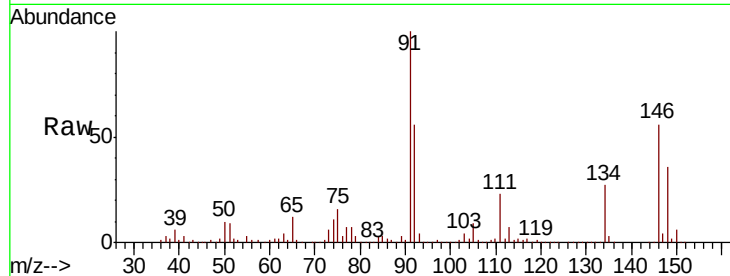
Tot Ion: 91 Resp: 687975

Ion Ratio Lower Upper

91 100

92 53.9 27.1 81.3

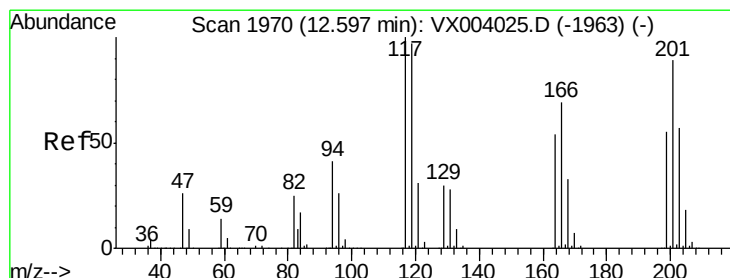
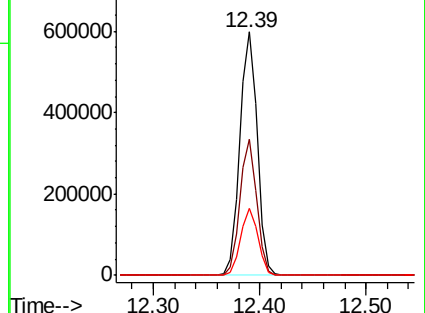
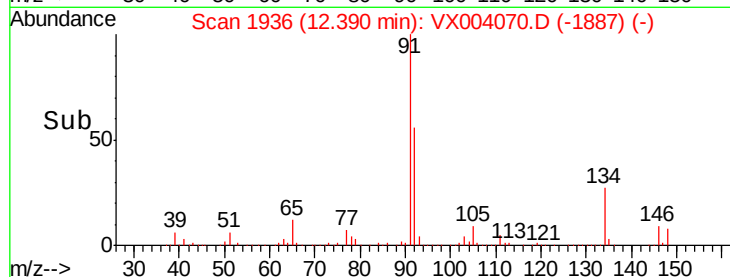
134 27.4 13.6 40.7



Abundance Ion 91.00 (90.70 to 91.70): VX004070.D (-1887) (-)

Ion 92.00 (91.70 to 92.70): VX004070.D (-1887) (-)

Ion 134.00 (133.70 to 134.70): VX004070.D (-1887) (-)



#90

Hexachloroethane

Concen: 49.08 ug/l

RT: 12.60 min Scan# 1970

Delta R.T. 0.00 min

Lab File: VX004070.D

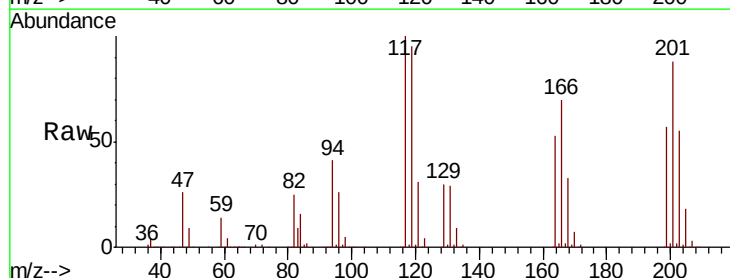
Acq: 15 Aug 2018 12:57

Tgt Ion: 117 Resp: 116133

Ion Ratio Lower Upper

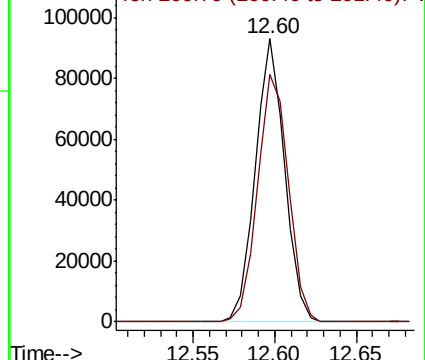
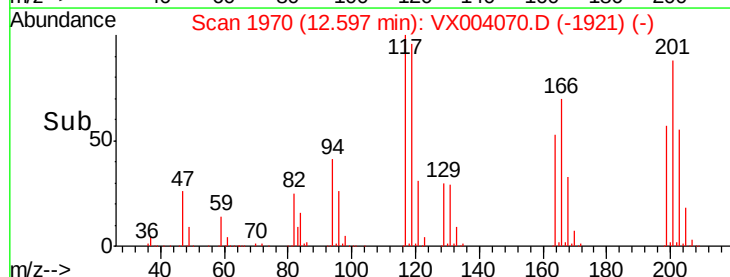
117 100

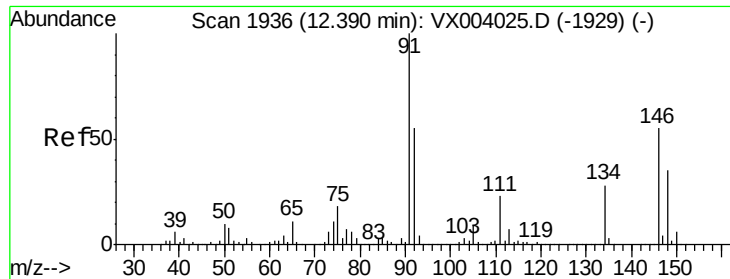
201 92.0 46.1 138.2



Abundance Ion 116.80 (116.50 to 117.50): VX004070.D (-1921) (-)

Ion 200.70 (200.40 to 201.40): VX004070.D (-1921) (-)

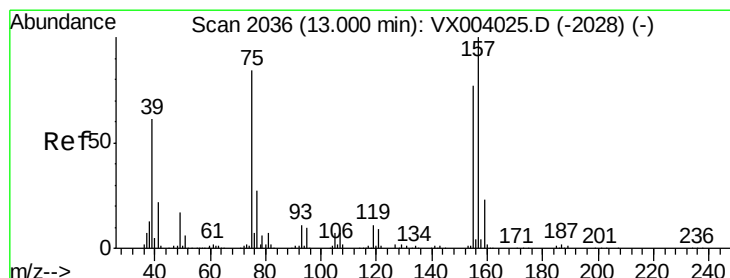
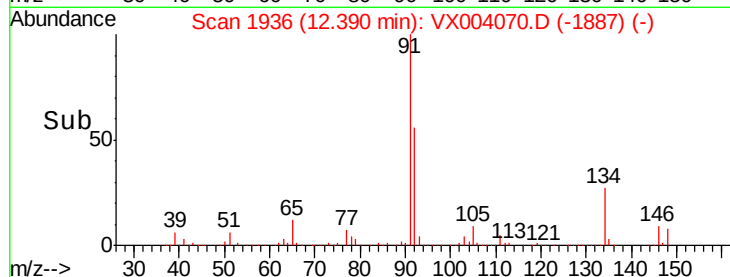
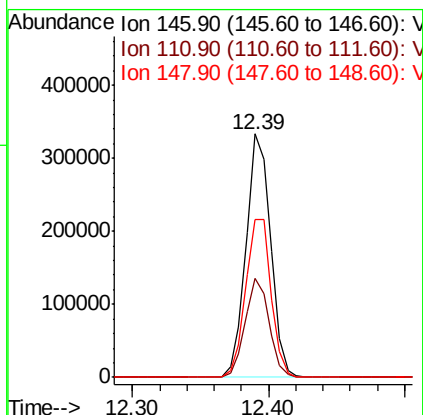
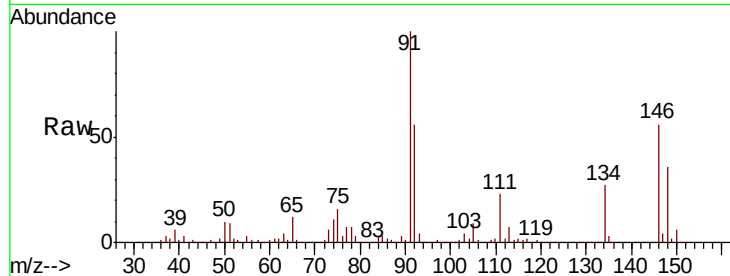




#91
 1,2-Dichlorobenzene
 Concen: 49.33 ug/l
 RT: 12.39 min Scan# 1936
 Delta R.T. -0.00 min
 Lab File: VX004070.D
 Acq: 15 Aug 2018 12:57

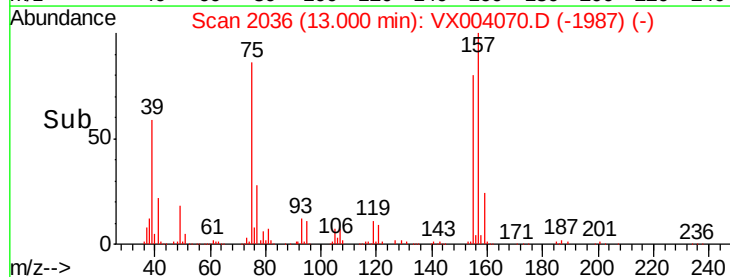
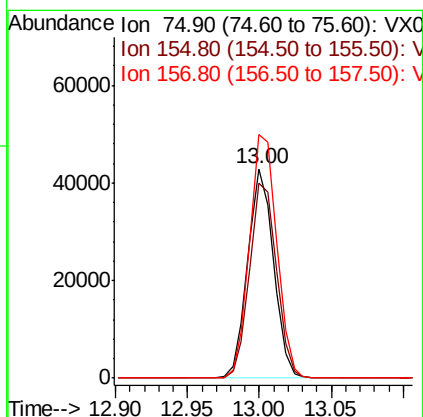
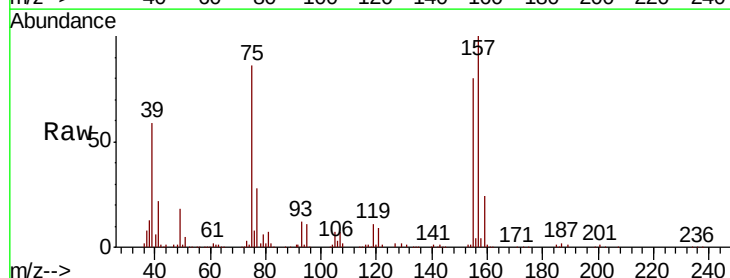
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

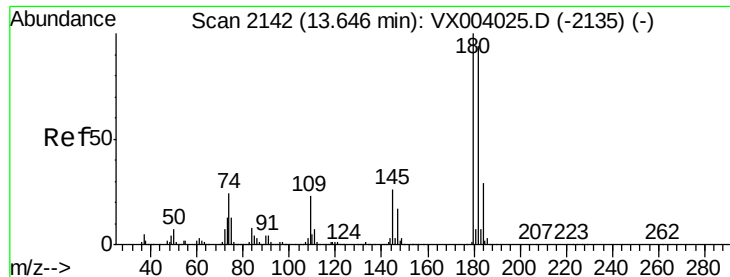
Tot Ion:146 Resp: 422836
 Ion Ratio Lower Upper
 146 100
 111 39.5 19.7 59.0
 148 67.1 31.9 95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 47.78 ug/l
 RT: 13.00 min Scan# 2036
 Delta R.T. 0.00 min
 Lab File: VX004070.D
 Acq: 15 Aug 2018 12:57

Tgt Ion: 75 Resp: 53008
 Ion Ratio Lower Upper
 75 100
 155 97.0 48.7 146.1
 157 122.5 62.6 187.8

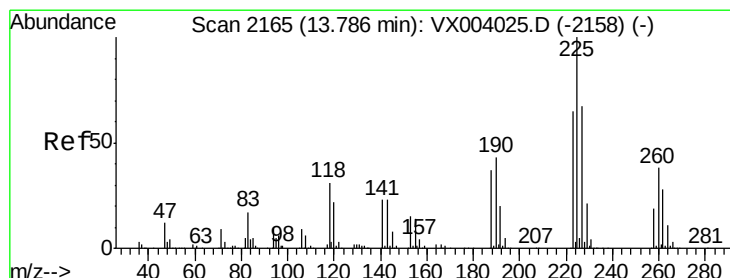
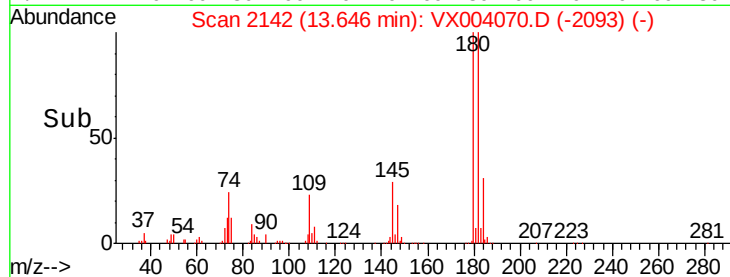
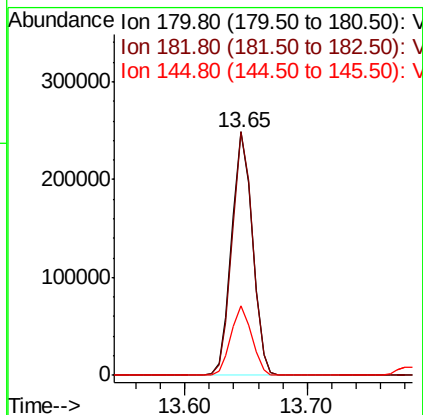
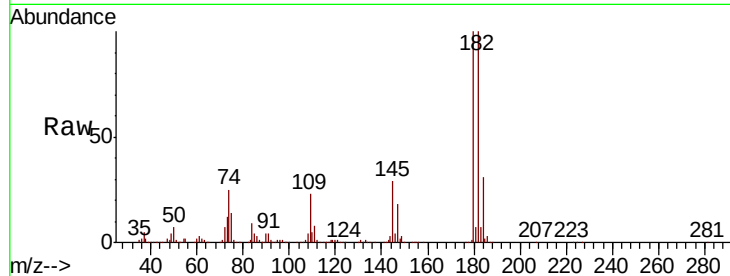




#93
 1,2,4-Trichlorobenzene
 Concen: 49.68 ug/l
 RT: 13.65 min Scan# 2142
 Delta R.T. -0.00 min
 Lab File: VX004070.D
 Acq: 15 Aug 2018 12:57

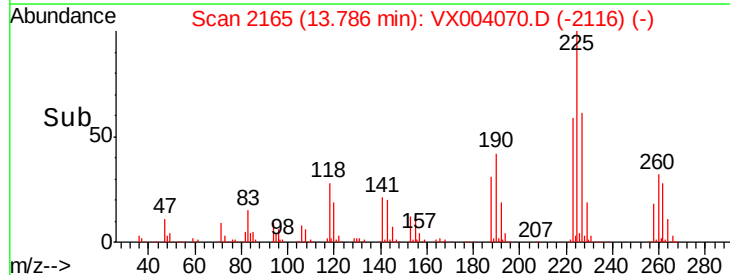
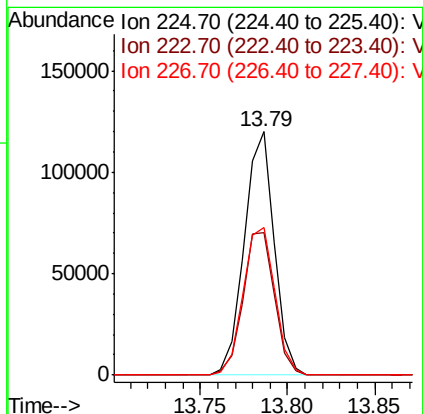
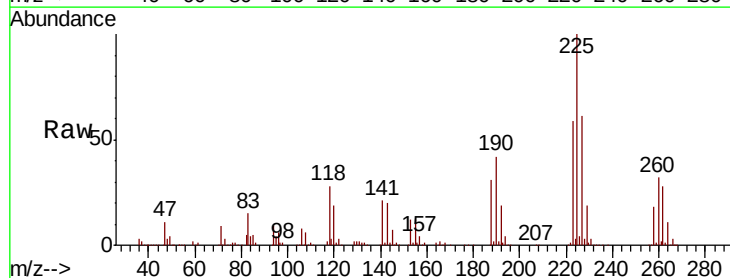
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

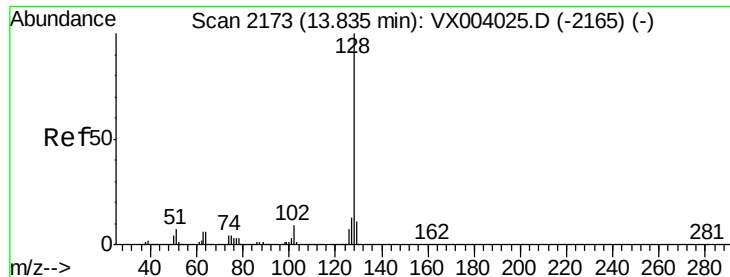
Tot Ion	Ratio	Lower	Upper
180	100		
182	98.4	47.7	143.1
145	28.6	13.9	41.6



#94
 Hexachlorobutadiene
 Concen: 48.42 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VX004070.D
 Acq: 15 Aug 2018 12:57

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.6	31.4	94.0
227	64.5	32.1	96.5

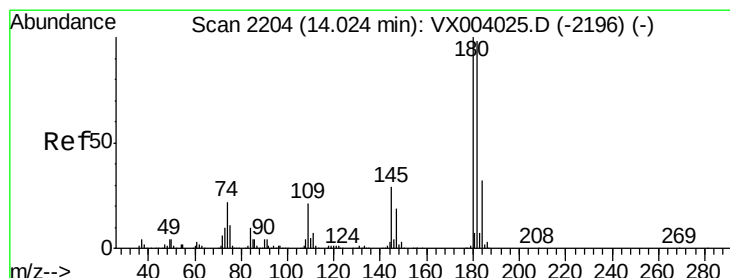
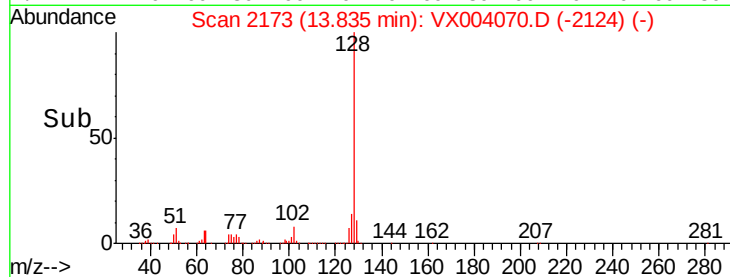
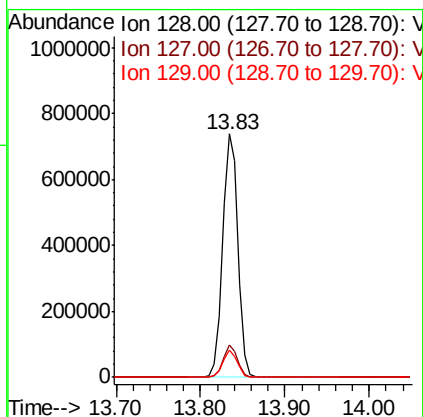
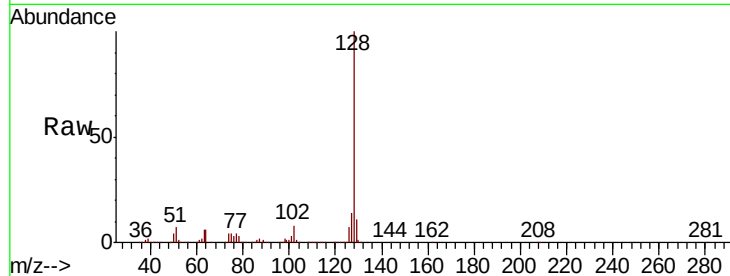




#95
Naphthalene
Concen: 49.49 ug/l
RT: 13.83 min Scan# 2173
Delta R.T. 0.00 min
Lab File: VX004070.D
Acq: 15 Aug 2018 12:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:128 Resp: 924056
Ion Ratio Lower Upper
128 100
127 12.6 10.2 15.2
129 10.7 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 48.76 ug/l
RT: 14.02 min Scan# 2204
Delta R.T. -0.00 min
Lab File: VX004070.D
Acq: 15 Aug 2018 12:57

Tgt Ion:180 Resp: 311523
Ion Ratio Lower Upper
180 100
182 95.7 48.1 144.4
145 30.3 14.9 44.7

