

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX042318\
 Data File : VX001048.D
 Acq On : 23 Apr 2018 10:21
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Apr 24 06:57:58 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X041918W.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 20 05:03:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	256172	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	334783	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	319685	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	227991	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	145459	44.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.58%	
35) Dibromofluoromethane	5.51	113	119819	46.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.88%	
50) Toluene-d8	8.72	98	437125	46.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.62%	
62) 4-Bromofluorobenzene	11.14	95	186539	47.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.18%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	170500	53.67	ug/l	99
3) Chloromethane	1.32	50	139960	47.31	ug/l	100
4) Vinyl Chloride	1.40	62	147619	48.14	ug/l	100
5) Bromomethane	1.64	94	91956	52.48	ug/l	100
6) Chloroethane	1.73	64	87499	48.02	ug/l	99
7) Trichlorofluoromethane	1.93	101	231781	50.31	ug/l	99
8) Diethyl Ether	2.19	74	80138	47.10	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.39	101	135150	50.07	ug/l	99
10) Methyl Iodide	2.51	142	115696	44.43	ug/l	99
11) Tert butyl alcohol	3.06	59	109101	222.78	ug/l	99
12) 1,1-Dichloroethene	2.38	96	120679	48.35	ug/l	99
13) Acrolein	2.29	56	53343	345.27	ug/l	100
14) Allyl chloride	2.73	41	221111	48.95	ug/l	98
15) Acrylonitrile	3.15	53	289770	218.63	ug/l	99
16) Acetone	2.45	43	316954	259.20	ug/l	99
17) Carbon Disulfide	2.57	76	341308	47.98	ug/l	100
18) Methyl Acetate	2.78	43	181806	49.14	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	407337	48.55	ug/l	100
20) Methylene Chloride	2.86	84	128098	49.69	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	131582	47.36	ug/l	97
22) Diisopropyl ether	3.87	45	424150	48.51	ug/l	98
23) Vinyl Acetate	3.82	43	1698875	234.68	ug/l	100
24) 1,1-Dichloroethane	3.70	63	232445	47.39	ug/l	99
25) 2-Butanone	4.70	43	442005	231.56	ug/l	98
26) 2,2-Dichloropropane	4.59	77	222220	52.67	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	149089	48.17	ug/l	99
28) Bromochloromethane	5.02	49	96535	51.18	ug/l	97
29) Tetrahydrofuran	5.17	42	264177	219.01	ug/l	99
30) Chloroform	5.22	83	249426	49.10	ug/l	99
31) Cyclohexane	5.58	56	223306	48.78	ug/l	97
32) 1,1,1-Trichloroethane	5.50	97	231841	50.91	ug/l	99
36) 1,1-Dichloropropene	5.81	75	194110	49.34	ug/l	100
37) Ethyl Acetate	4.86	43	167178	46.33	ug/l	99
38) Carbon Tetrachloride	5.79	117	212487	53.34	ug/l	100

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX042318\
 Data File : VX001048.D
 Acq On : 23 Apr 2018 10:21
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Apr 24 06:57:58 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X041918W.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 20 05:03:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	235043	51.33	ug/l	98
40) Benzene	6.15	78	544392	49.77	ug/l	99
41) Methacrylonitrile	5.07	41	100679	44.68	ug/l	99
42) 1,2-Dichloroethane	6.20	62	207071	49.32	ug/l	99
43) Isopropyl Acetate	6.47	43	298996	48.29	ug/l	99
44) Trichloroethene	7.22	130	166197	49.74	ug/l	98
45) 1,2-Dichloropropane	7.52	63	139273	50.64	ug/l	100
46) Dibromomethane	7.67	93	94214	49.03	ug/l	99
47) Bromodichloromethane	7.90	83	192020	53.94	ug/l	99
48) Methyl methacrylate	7.78	41	157937	47.38	ug/l	99
49) 1,4-Dioxane	7.76	88	47717	973.35	ug/l	100
51) 4-Methyl-2-Pentanone	8.65	43	884325	235.24	ug/l	99
52) Toluene	8.79	92	361447	50.63	ug/l	100
53) t-1,3-Dichloropropene	8.44	75	233494	54.84	ug/l	98
54) cis-1,3-Dichloropropene	9.05	75	223634	55.71	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	141404	49.84	ug/l	98
56) Ethyl methacrylate	9.18	69	209312	50.22	ug/l	99
57) 1,3-Dichloropropane	9.38	76	231281	49.20	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	533527	262.31	ug/l	99
59) 2-Hexanone	9.50	43	693613	241.06	ug/l	99
60) Dibromochloromethane	9.59	129	166185	55.77	ug/l	100
61) 1,2-Dibromoethane	9.68	107	150097	50.12	ug/l	100
64) Tetrachloroethene	9.34	164	169291	49.87	ug/l	99
65) Chlorobenzene	10.14	112	424501	49.87	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	156586	53.59	ug/l	99
67) Ethyl Benzene	10.26	91	716732	50.70	ug/l	100
68) m/p-Xylenes	10.37	106	570020	102.31	ug/l	100
69) o-Xylene	10.71	106	272083	50.65	ug/l	99
70) Styrene	10.72	104	458668	51.85	ug/l	100
71) Bromoform	10.86	173	134934	49.63	ug/l	99
73) Isopropylbenzene	11.02	105	748446	50.21	ug/l	99
74) N-amyl acetate	6.47	43	298996	46.89	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	202316	47.95	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	237216	59.97	ug/l	87
77) Bromobenzene	11.26	156	211534	48.89	ug/l	99
78) n-propylbenzene	11.37	91	865689	50.59	ug/l	100
79) 2-Chlorotoluene	11.43	91	503553	49.80	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	641546	50.78	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	62431	48.53	ug/l	96
82) 4-Chlorotoluene	11.52	91	612072	50.10	ug/l	99
83) tert-Butylbenzene	11.77	119	656025	51.47	ug/l	100
84) 1,2,4-Trimethylbenzene	11.81	105	658493	50.64	ug/l	99
85) sec-Butylbenzene	11.95	105	772314	50.76	ug/l	99
86) p-Isopropyltoluene	12.07	119	718494	51.05	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	399034	49.27	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	409315	49.23	ug/l	99
89) n-Butylbenzene	12.39	91	638901	51.02	ug/l	100
90) Hexachloroethane	12.60	117	114629	57.48	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	387218	49.38	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	44315	50.13	ug/l	97

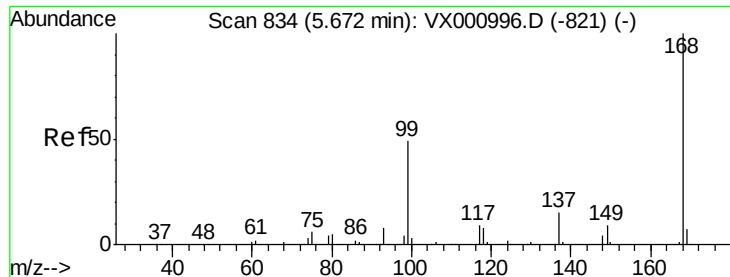
Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX042318\
Data File : VX001048.D
Acq On : 23 Apr 2018 10:21
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Quant Time: Apr 24 06:57:58 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X041918W.M
Quant Title : SW846 8260
QLast Update : Fri Apr 20 05:03:28 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	324480	49.30	ug/l	99
94) Hexachlorobutadiene	13.79	225	139313	46.77	ug/l	100
95) Naphthalene	13.84	128	777160	48.01	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	310403	48.76	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.00 min

Lab File: VX001048.D

Acq: 23 Apr 2018 10:21

Instrument :

MSVOA_X

ClientSampleId :

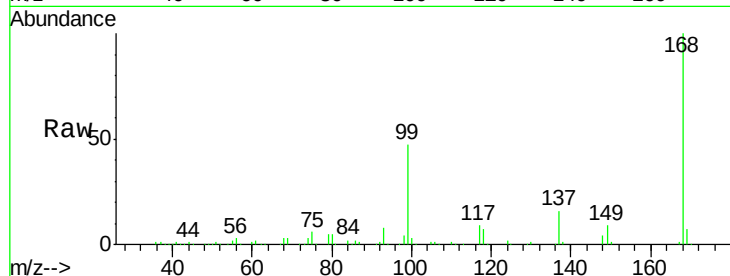
VSTDCCC050

Tgt Ion:168 Resp: 256172

Ion Ratio Lower Upper

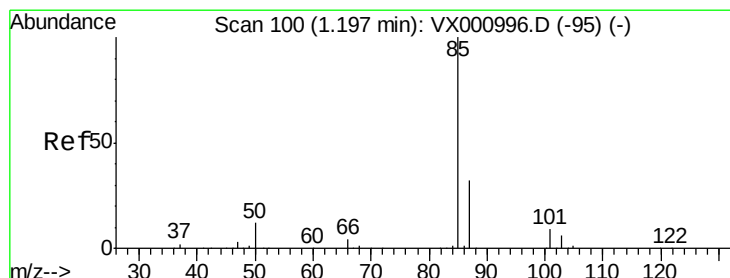
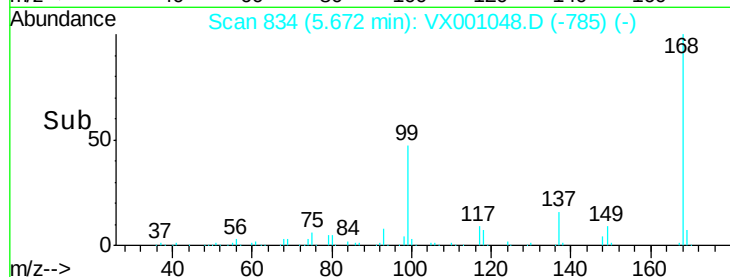
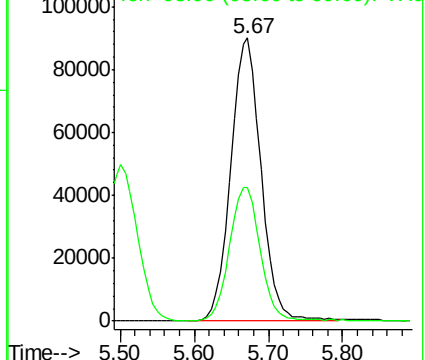
168 100

99 47.0 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 53.67 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX001048.D

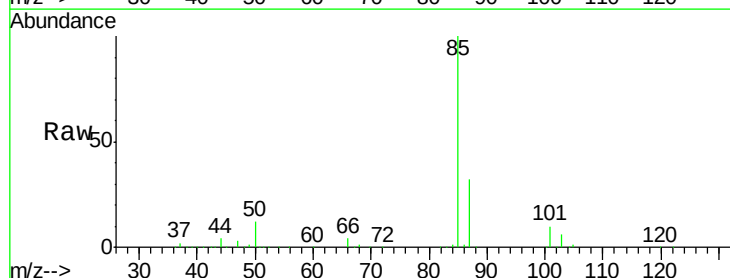
Acq: 23 Apr 2018 10:21

Tgt Ion: 85 Resp: 170500

Ion Ratio Lower Upper

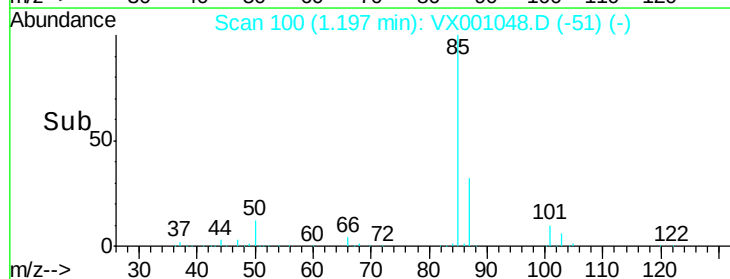
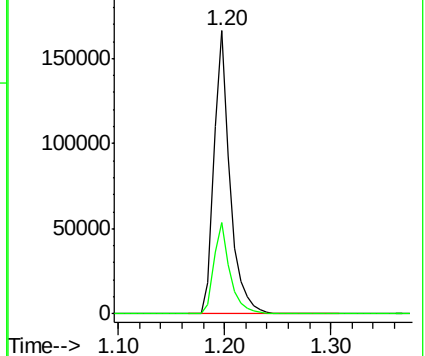
85 100

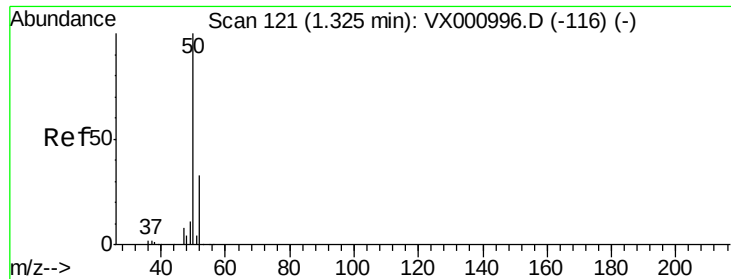
87 32.1 15.8 47.4



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 47.31 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX001048.D

Acq: 23 Apr 2018 10:21

Instrument :

MSVOA_X

ClientSampleId :

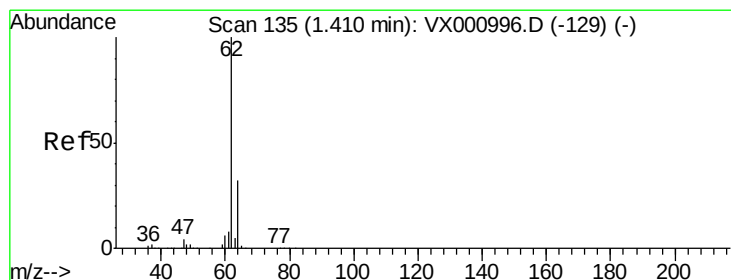
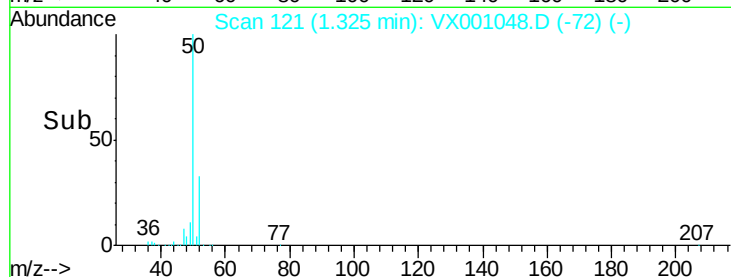
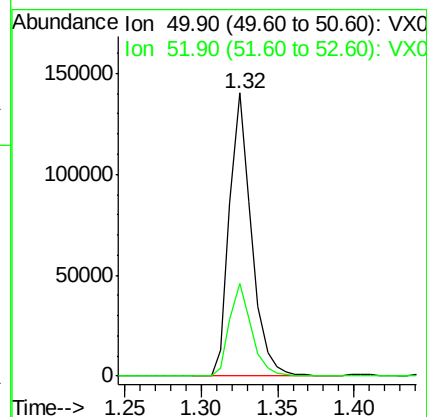
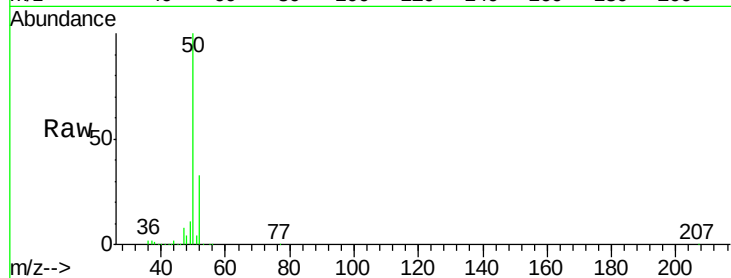
VSTDCCC050

Tgt Ion: 50 Resp: 139960

Ion Ratio Lower Upper

50 100

52 32.8 26.3 39.5



#4

Vinyl Chloride

Concen: 48.14 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.01 min

Lab File: VX001048.D

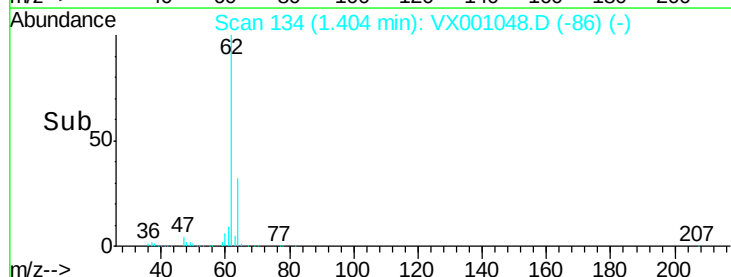
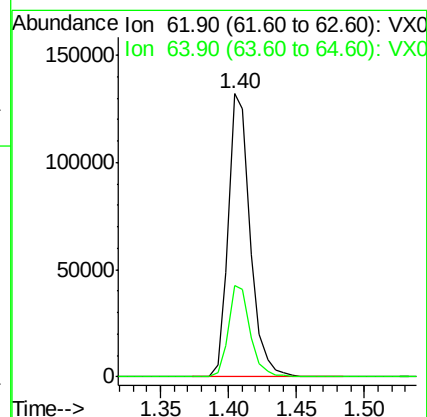
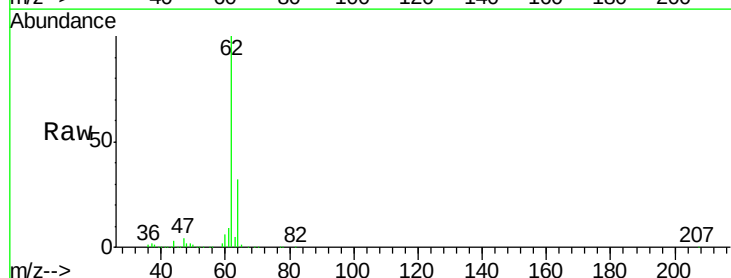
Acq: 23 Apr 2018 10:21

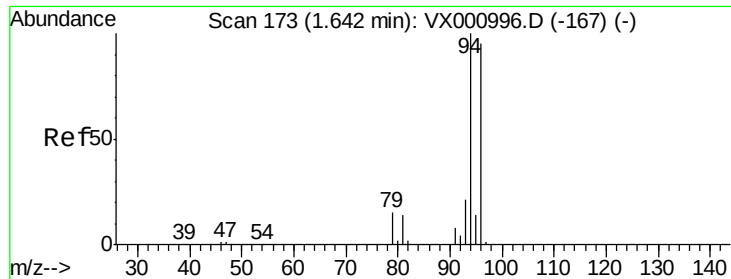
Tgt Ion: 62 Resp: 147619

Ion Ratio Lower Upper

62 100

64 32.3 25.6 38.4





#5

Bromomethane

Concen: 52.48 ug/l

RT: 1.64 min Scan# 173

Delta R.T. 0.00 min

Lab File: VX001048.D

Acq: 23 Apr 2018 10:21

Instrument :

MSVOA_X

ClientSampleId :

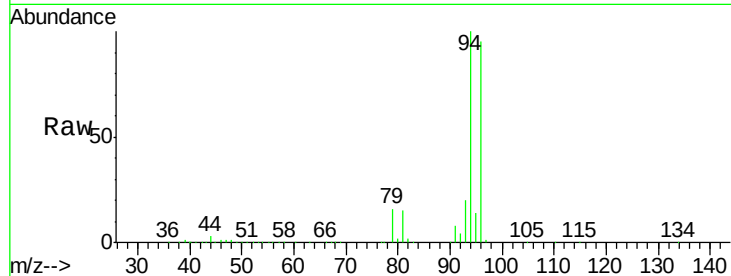
VSTDCCC050

Tgt Ion: 94 Resp: 91956

Ion Ratio Lower Upper

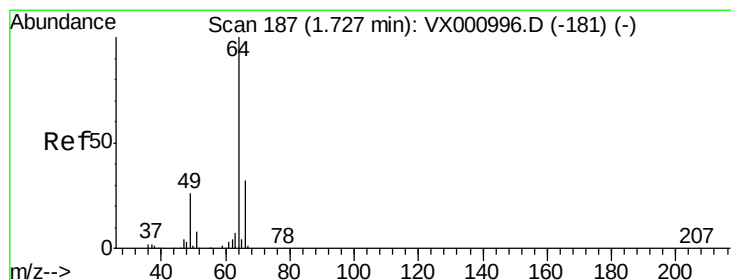
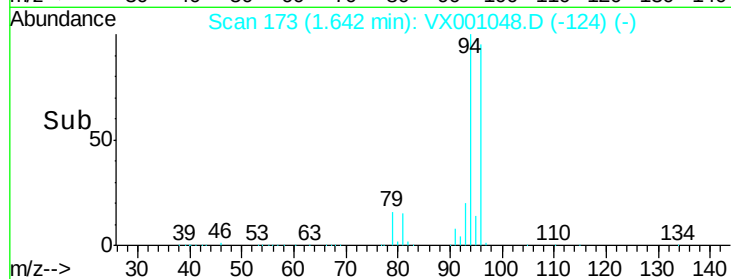
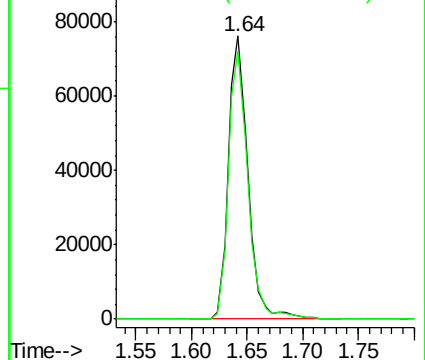
94 100

96 94.5 76.0 114.0



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 48.02 ug/l

RT: 1.73 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX001048.D

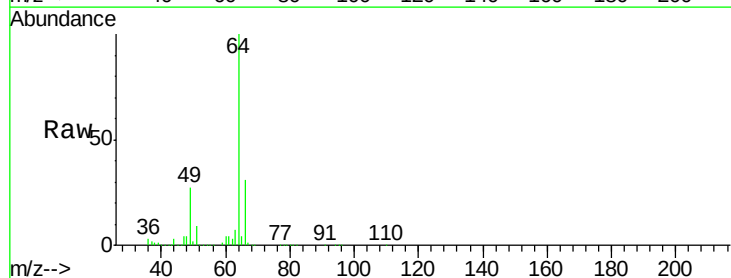
Acq: 23 Apr 2018 10:21

Tgt Ion: 64 Resp: 87499

Ion Ratio Lower Upper

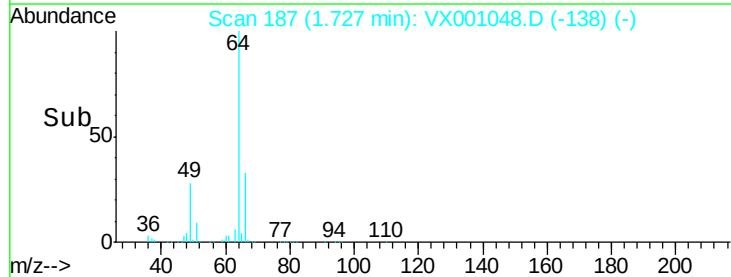
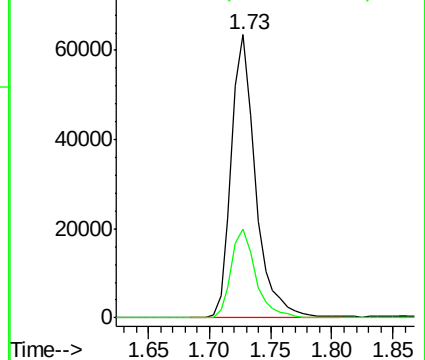
64 100

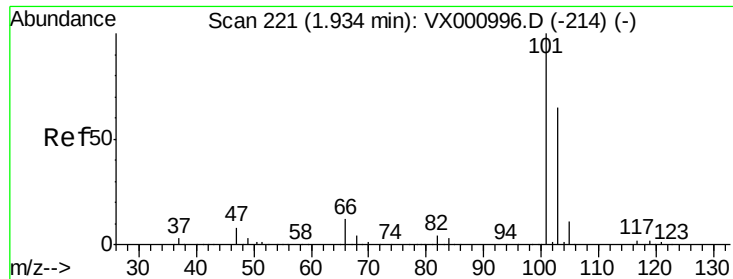
66 31.3 25.3 37.9



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



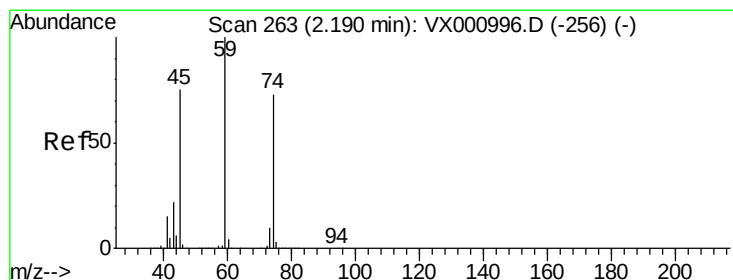
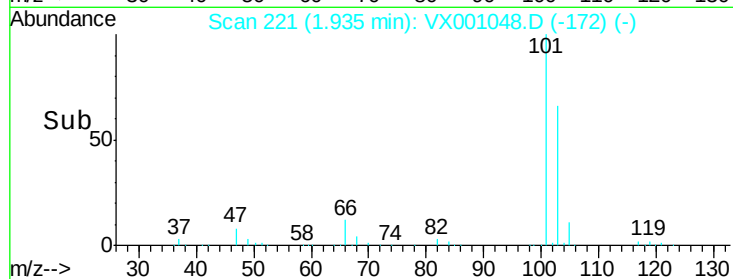
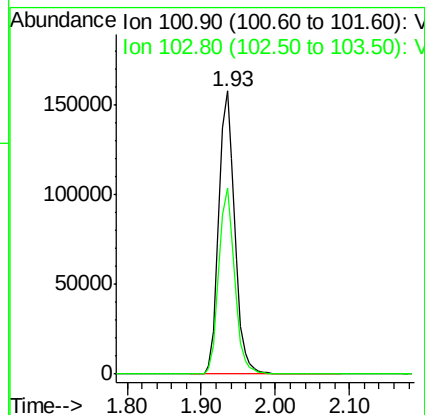
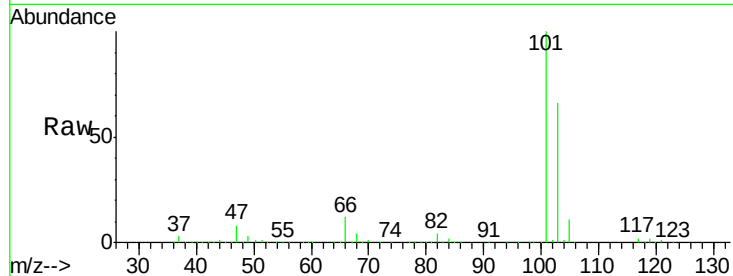


#7

Trichlorofluoromethane
Concen: 50.31 ug/l
RT: 1.93 min Scan# 221
Delta R.T. 0.00 min
Lab File: VX001048.D
Acq: 23 Apr 2018 10:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

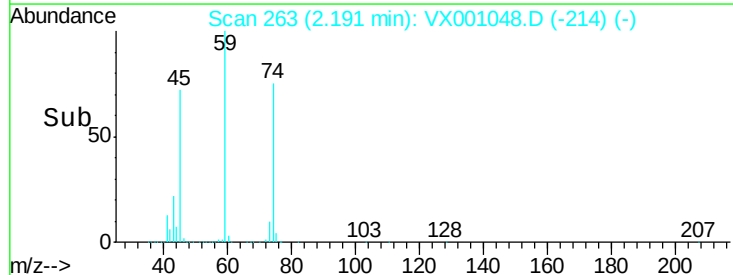
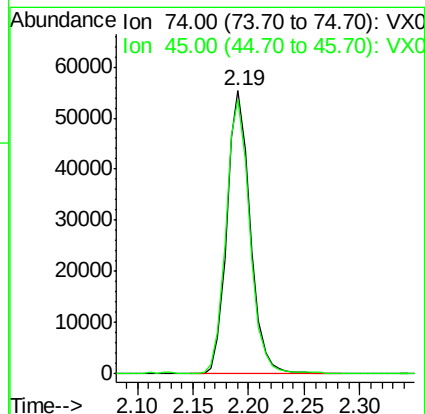
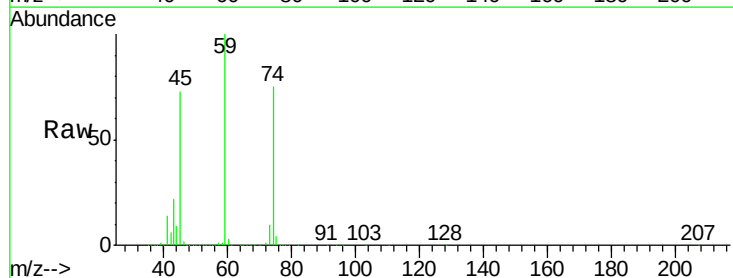
Tgt Ion:101 Resp: 231781
Ion Ratio Lower Upper
101 100
103 65.9 51.8 77.8

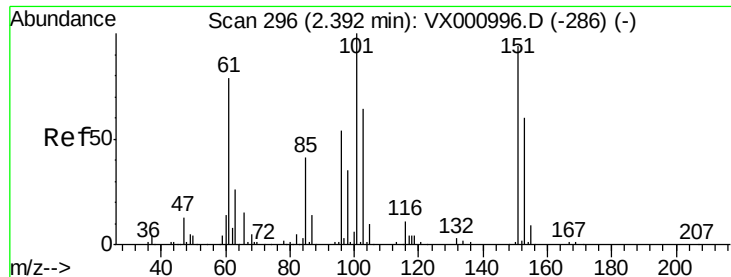


#8

Diethyl Ether
Concen: 47.10 ug/l
RT: 2.19 min Scan# 263
Delta R.T. 0.00 min
Lab File: VX001048.D
Acq: 23 Apr 2018 10:21

Tgt Ion: 74 Resp: 80138
Ion Ratio Lower Upper
74 100
45 98.3 49.0 147.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.07 ug/l

RT: 2.39 min Scan# 295

Delta R.T. -0.01 min

Lab File: VX001048.D

Acq: 23 Apr 2018 10:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

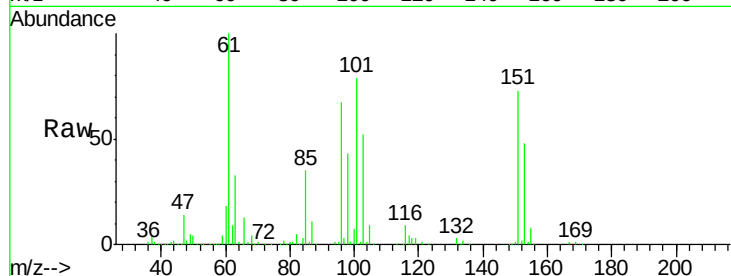
Tgt Ion:101 Resp: 135150

Ion Ratio Lower Upper

101 100

85 43.0 33.9 50.9

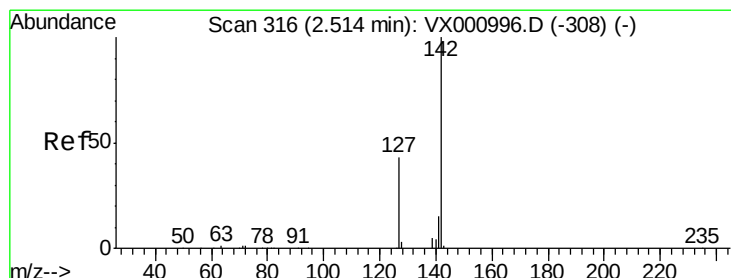
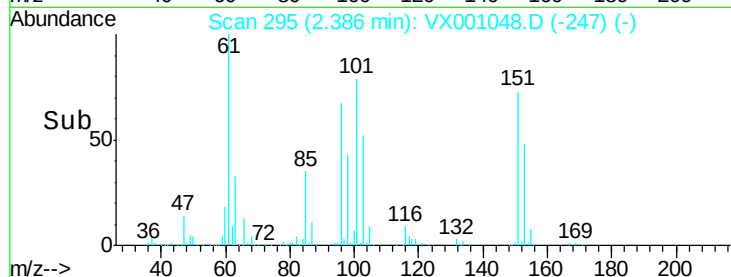
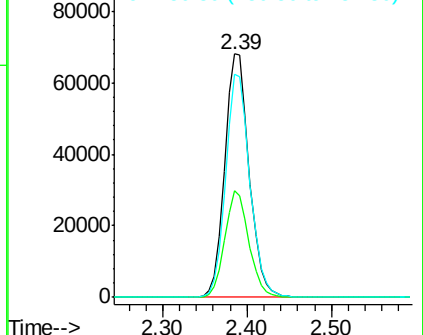
151 90.8 73.5 110.3



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 44.43 ug/l

RT: 2.51 min Scan# 316

Delta R.T. 0.00 min

Lab File: VX001048.D

Acq: 23 Apr 2018 10:21

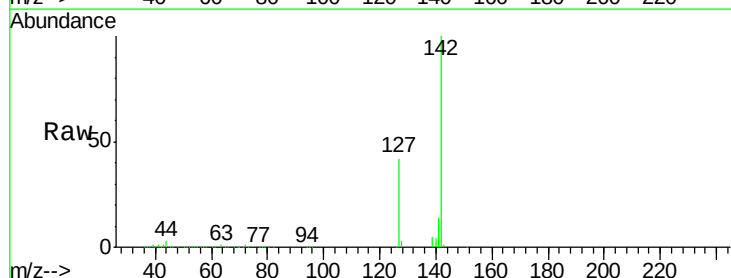
Tgt Ion:142 Resp: 115696

Ion Ratio Lower Upper

142 100

127 42.9 34.0 51.0

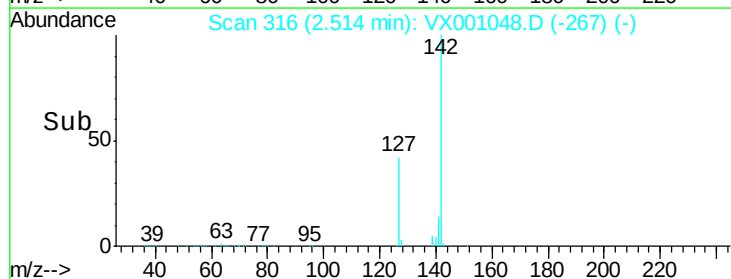
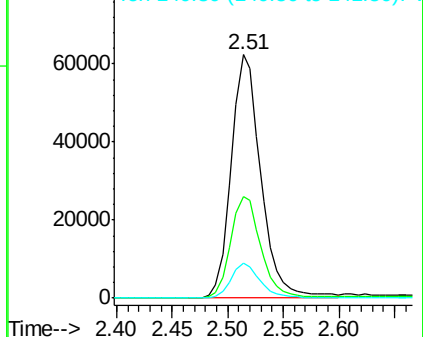
141 14.2 11.4 17.2

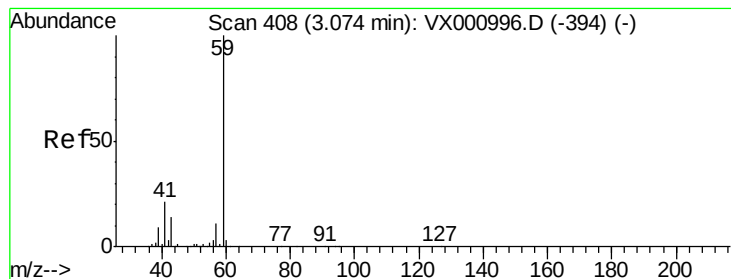


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 222.78 ug/l

RT: 3.06 min Scan# 406

Delta R.T. -0.01 min

Lab File: VX001048.D

Acq: 23 Apr 2018 10:21

Instrument :

MSVOA_X

ClientSampleId :

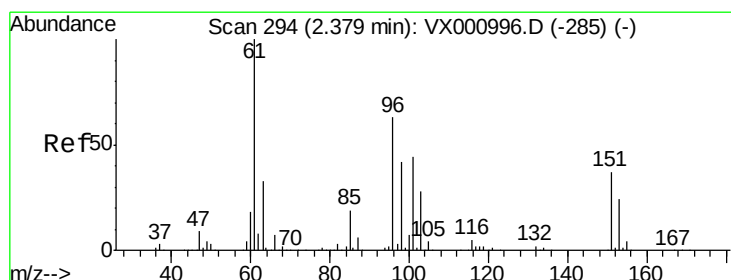
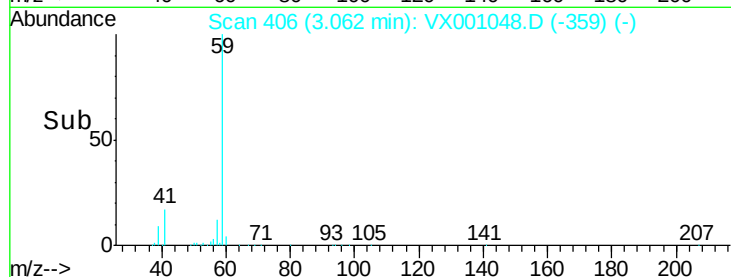
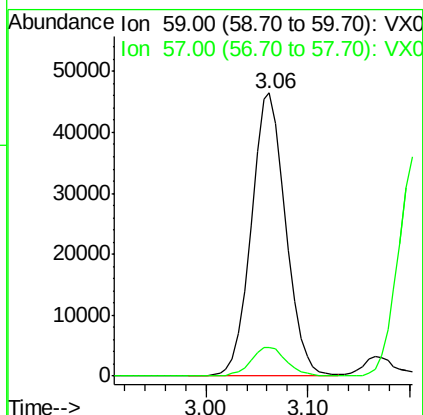
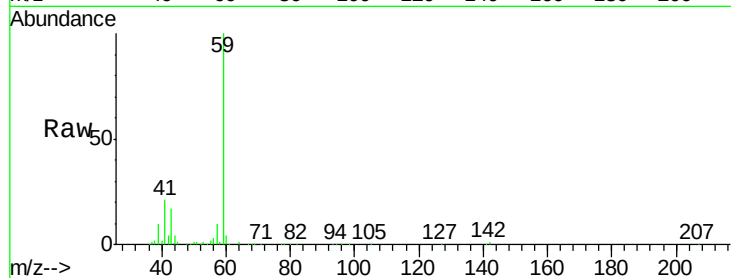
VSTDCCC050

Tgt Ion: 59 Resp: 109101

Ion Ratio Lower Upper

59 100

57 10.7 8.3 12.5



#12

1,1-Dichloroethene

Concen: 48.35 ug/l

RT: 2.38 min Scan# 294

Delta R.T. 0.00 min

Lab File: VX001048.D

Acq: 23 Apr 2018 10:21

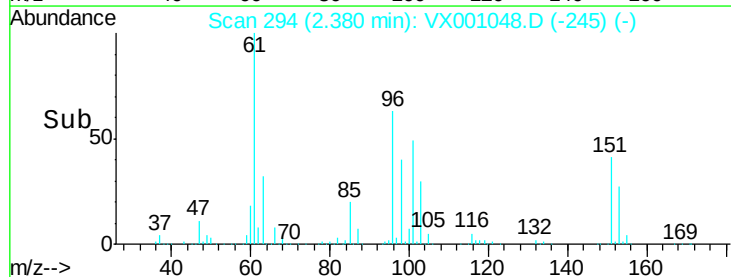
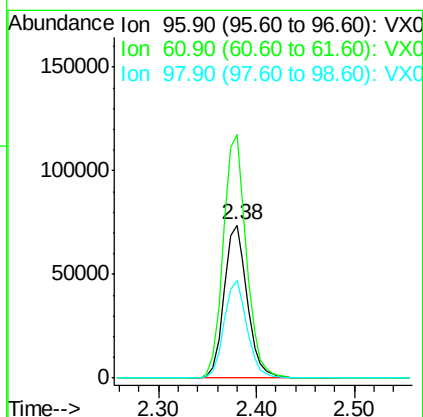
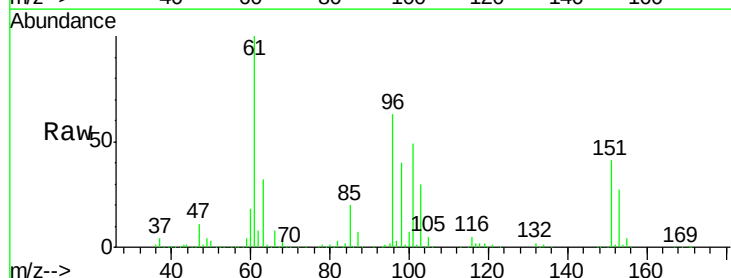
Tgt Ion: 96 Resp: 120679

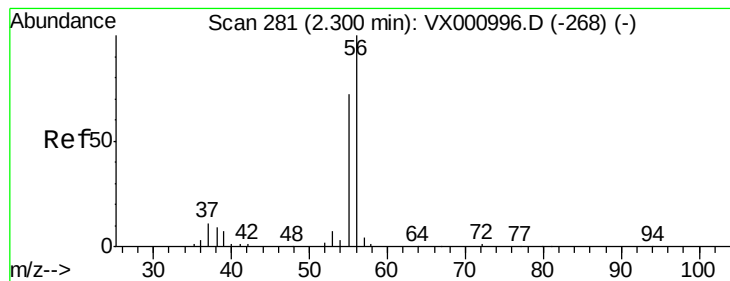
Ion Ratio Lower Upper

96 100

61 159.0 126.4 189.6

98 64.0 52.6 78.8





#13

Acrolein

Concen: 345.27 ug/l

RT: 2.29 min Scan# 280

Delta R.T. -0.01 min

Lab File: VX001048.D

Acq: 23 Apr 2018 10:21

Instrument :

MSVOA_X

ClientSampleId :

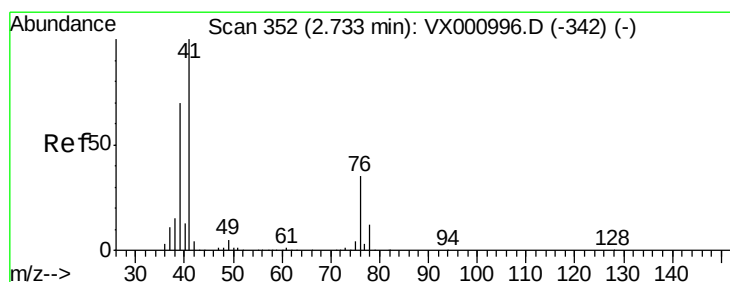
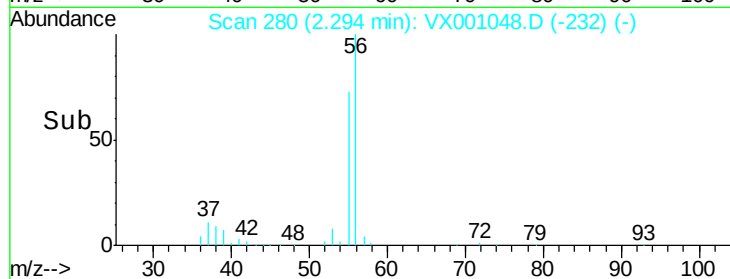
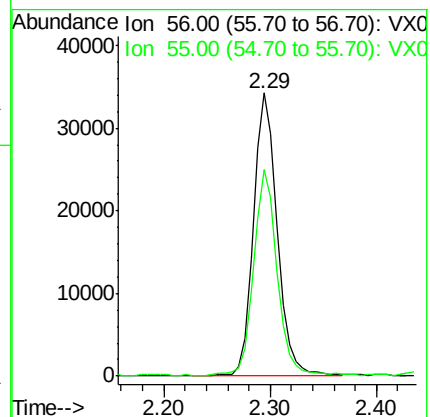
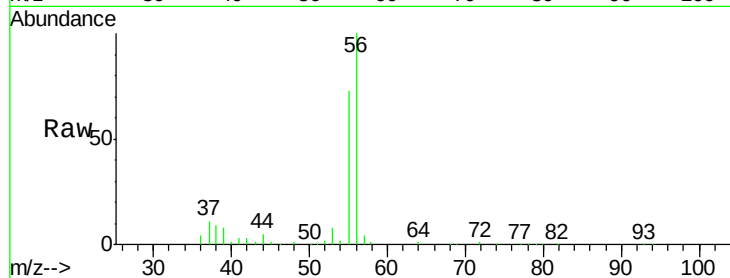
VSTDCCC050

Tgt Ion: 56 Resp: 53343

Ion Ratio Lower Upper

56 100

55 72.1 57.4 86.2



#14

Allyl chloride

Concen: 48.95 ug/l

RT: 2.73 min Scan# 352

Delta R.T. 0.00 min

Lab File: VX001048.D

Acq: 23 Apr 2018 10:21

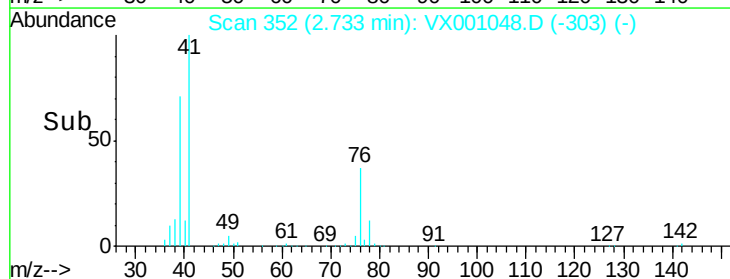
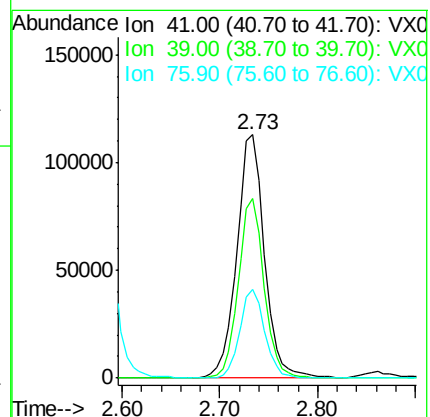
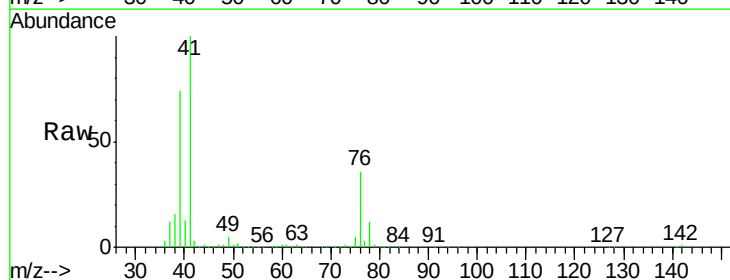
Tgt Ion: 41 Resp: 221111

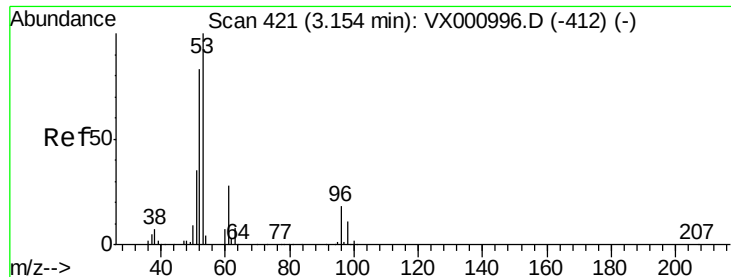
Ion Ratio Lower Upper

41 100

39 68.6 53.0 79.6

76 32.7 25.9 38.9





#15

Acrylonitrile

Concen: 218.63 ug/l

RT: 3.15 min Scan# 420

Delta R.T. -0.01 min

Lab File: VX001048.D

Acq: 23 Apr 2018 10:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

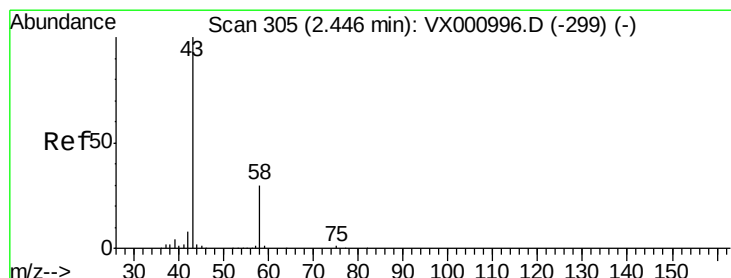
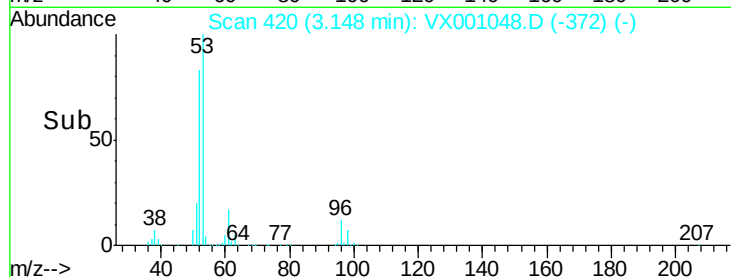
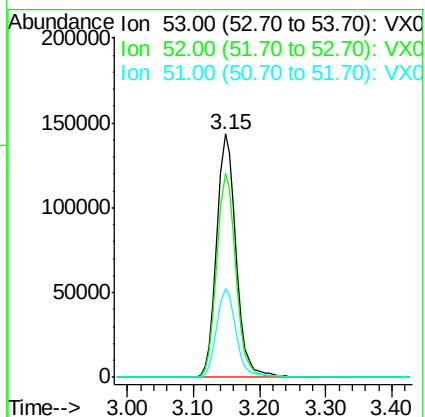
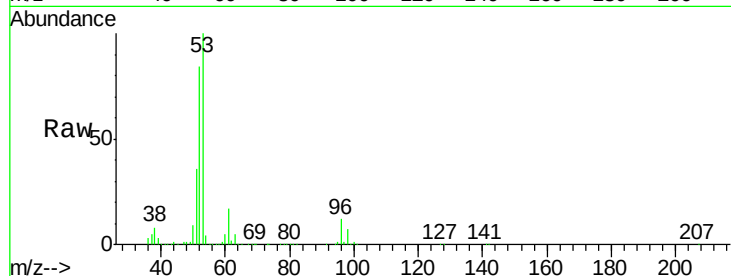
Tgt Ion: 53 Resp: 289770

Ion Ratio Lower Upper

53 100

52 82.6 66.4 99.6

51 36.8 29.0 43.6



#16

Acetone

Concen: 259.20 ug/l

RT: 2.45 min Scan# 305

Delta R.T. 0.00 min

Lab File: VX001048.D

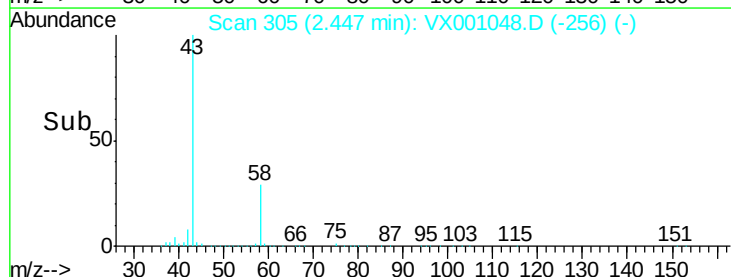
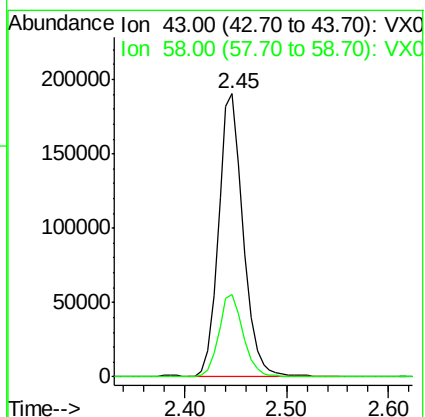
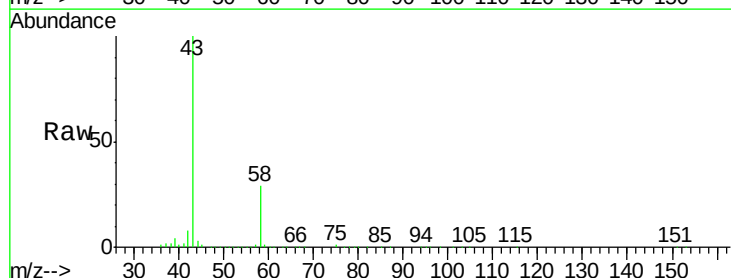
Acq: 23 Apr 2018 10:21

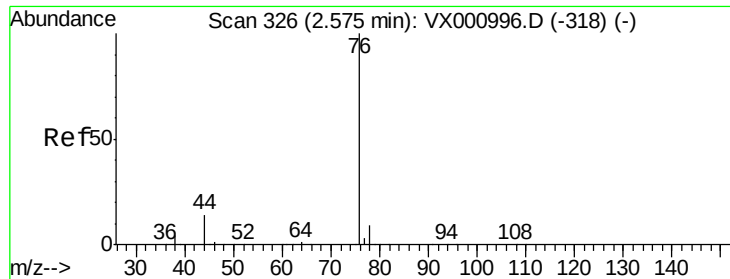
Tgt Ion: 43 Resp: 316954

Ion Ratio Lower Upper

43 100

58 29.3 23.7 35.5

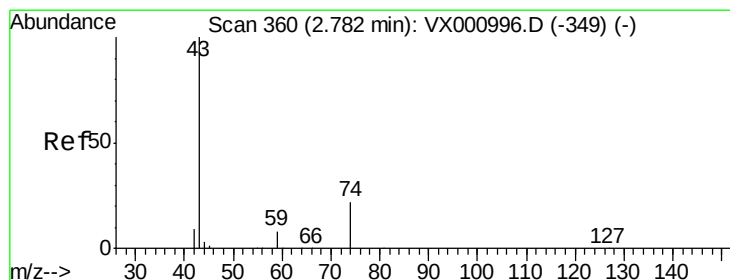
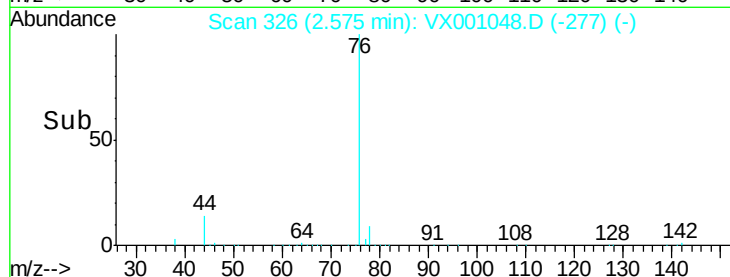
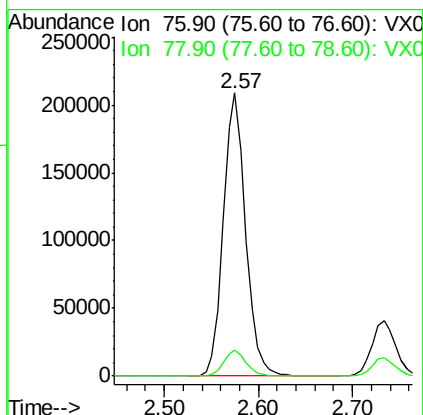
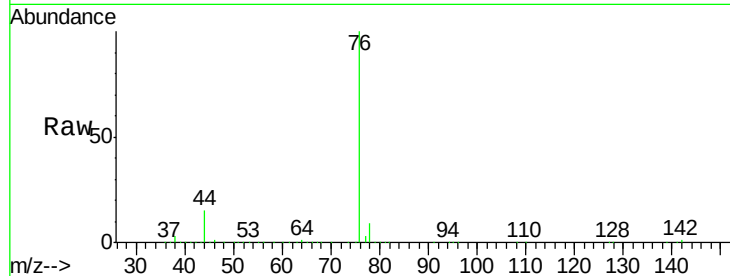




#17
Carbon Disulfide
Concen: 47.98 ug/l
RT: 2.57 min Scan# 326
Delta R.T. 0.00 min
Lab File: VX001048.D
Acq: 23 Apr 2018 10:21

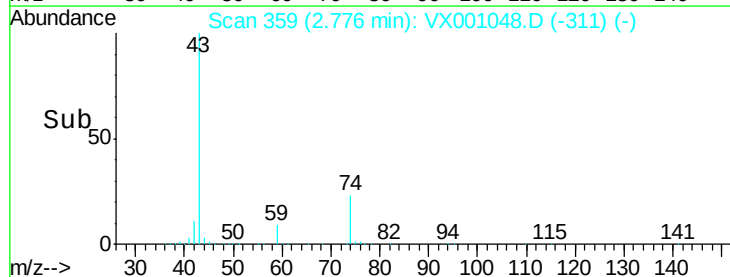
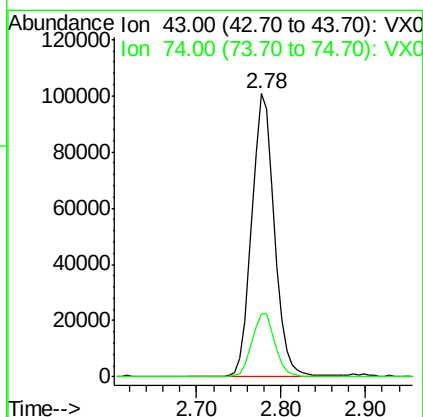
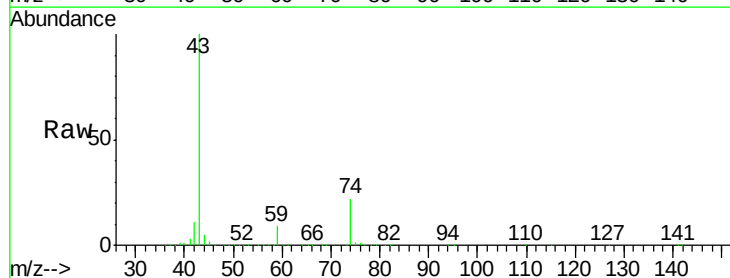
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

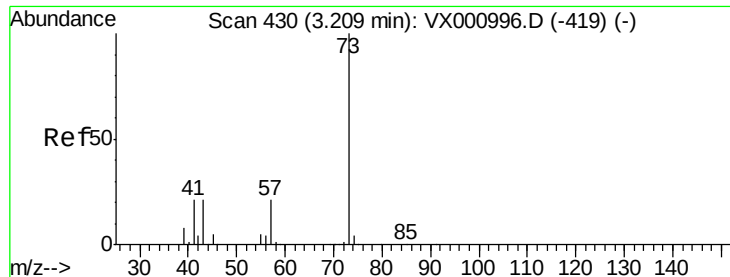
Tgt Ion: 76 Resp: 341308
Ion Ratio Lower Upper
76 100
78 9.2 7.3 10.9



#18
Methyl Acetate
Concen: 49.14 ug/l
RT: 2.78 min Scan# 359
Delta R.T. -0.01 min
Lab File: VX001048.D
Acq: 23 Apr 2018 10:21

Tgt Ion: 43 Resp: 181806
Ion Ratio Lower Upper
43 100
74 23.1 18.3 27.5





#19

Methyl tert-butyl Ether

Concen: 48.55 ug/l

RT: 3.21 min Scan# 430

Delta R.T. 0.00 min

Lab File: VX001048.D

Acq: 23 Apr 2018 10:21

Instrument :

MSVOA_X

ClientSampleId :

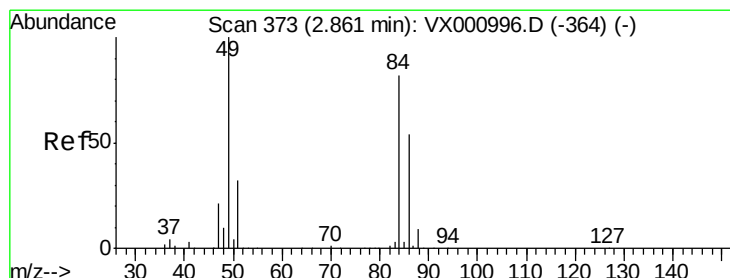
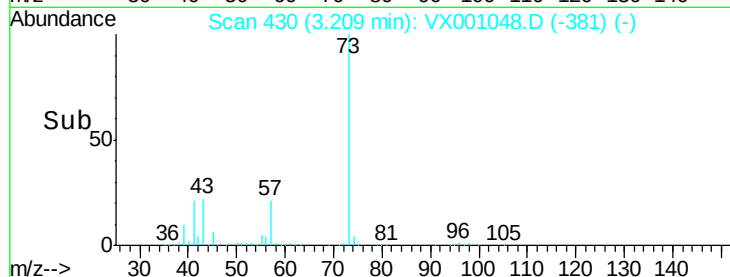
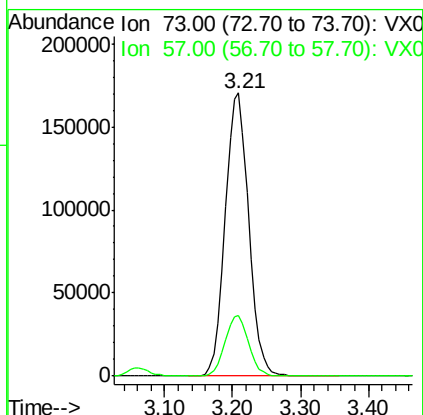
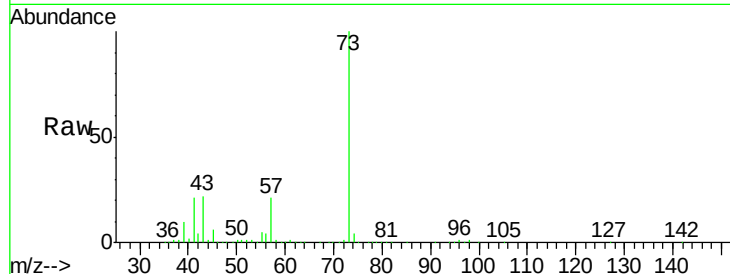
VSTDCCC050

Tgt Ion: 73 Resp: 407337

Ion Ratio Lower Upper

73 100

57 21.2 17.1 25.7



#20

Methylene Chloride

Concen: 49.69 ug/l

RT: 2.86 min Scan# 373

Delta R.T. 0.00 min

Lab File: VX001048.D

Acq: 23 Apr 2018 10:21

Tgt Ion: 84 Resp: 128098

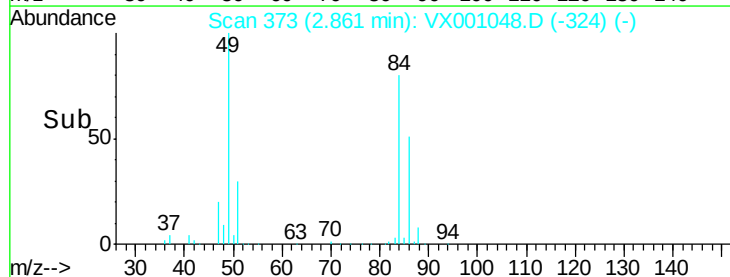
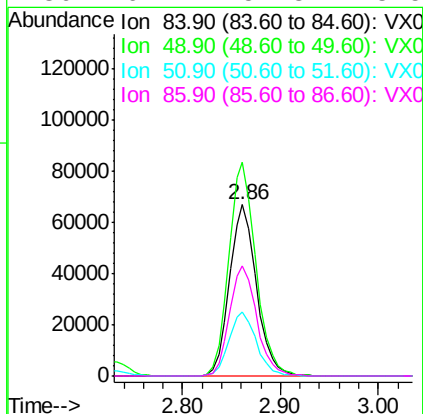
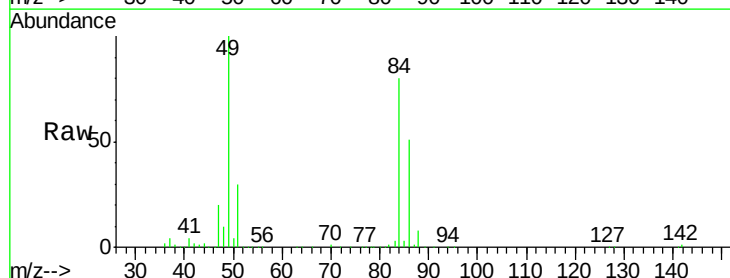
Ion Ratio Lower Upper

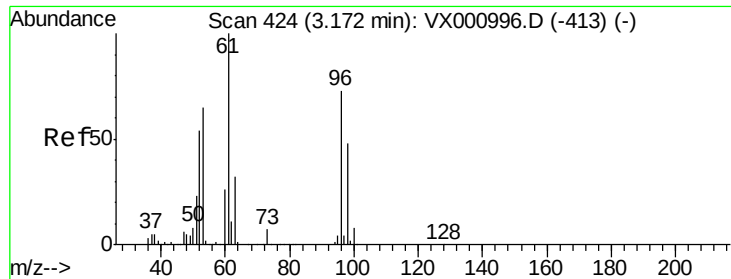
84 100

49 124.9 97.1 145.7

51 37.4 30.8 46.2

86 64.1 52.3 78.5





#21

trans-1,2-Dichloroethene

Concen: 47.36 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX001048.D

Acq: 23 Apr 2018 10:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

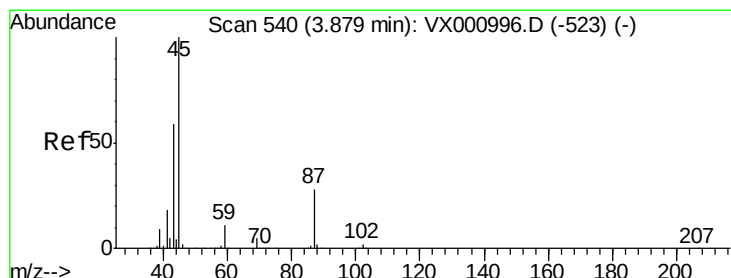
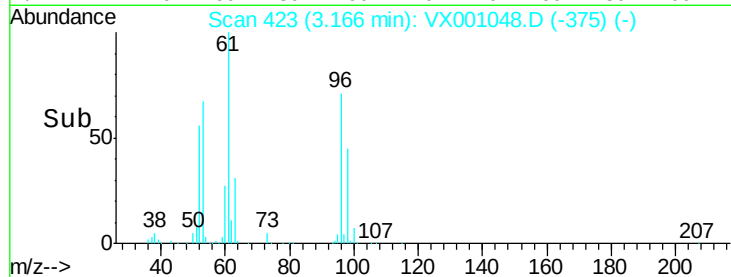
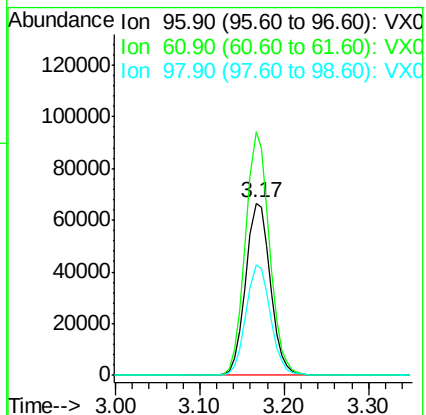
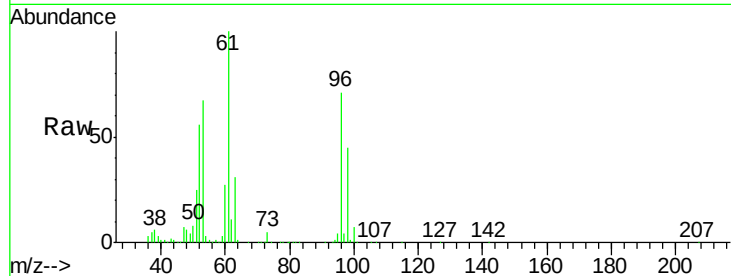
Tgt Ion: 96 Resp: 131582

Ion Ratio Lower Upper

96 100

61 141.5 109.4 164.2

98 64.3 52.6 78.8



#22

Diisopropyl ether

Concen: 48.51 ug/l

RT: 3.87 min Scan# 539

Delta R.T. -0.01 min

Lab File: VX001048.D

Acq: 23 Apr 2018 10:21

Tgt Ion: 45 Resp: 424150

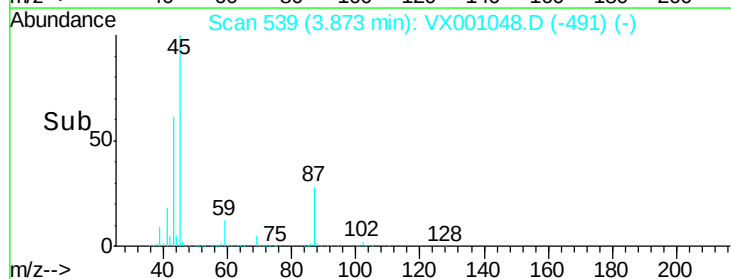
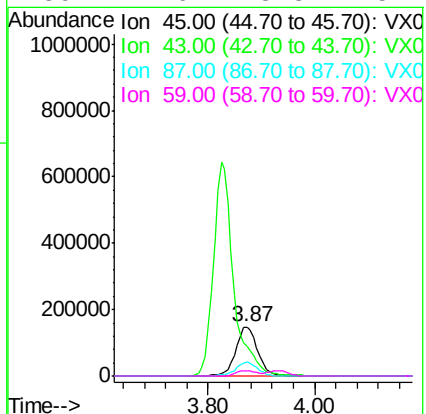
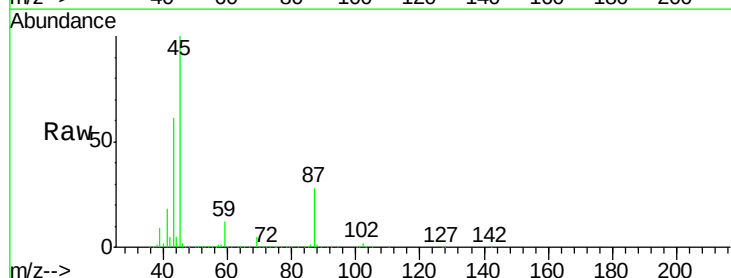
Ion Ratio Lower Upper

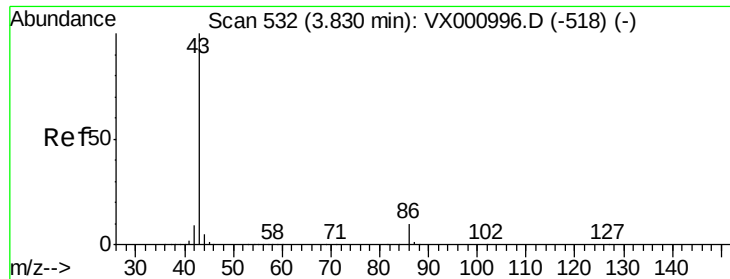
45 100

43 60.6 47.0 70.4

87 28.4 22.5 33.7

59 11.6 8.8 13.2





#23

Vinyl Acetate

Concen: 234.68 ug/l

RT: 3.82 min Scan# 531

Delta R.T. -0.01 min

Lab File: VX001048.D

Acq: 23 Apr 2018 10:21

Instrument :

MSVOA_X

ClientSampleId :

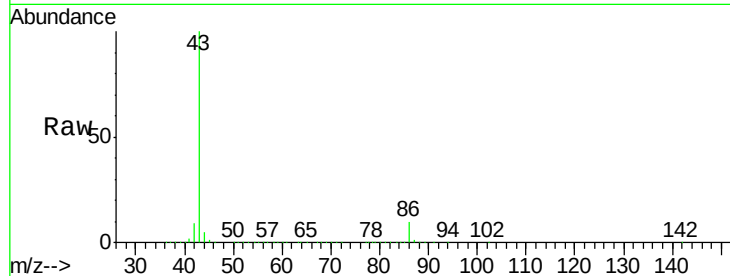
VSTDCCC050

Tgt Ion: 43 Resp: 1698875

Ion Ratio Lower Upper

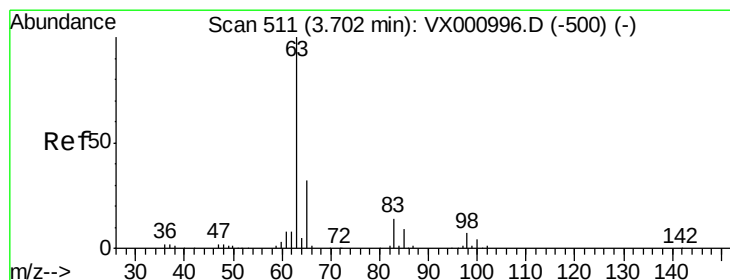
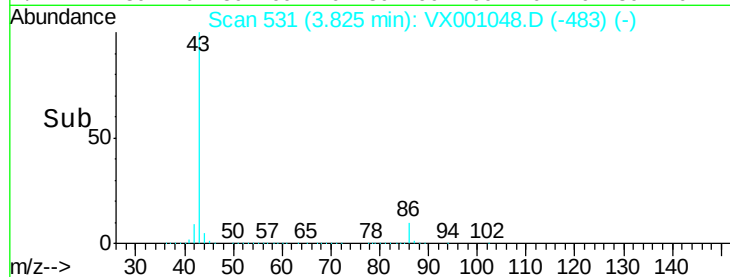
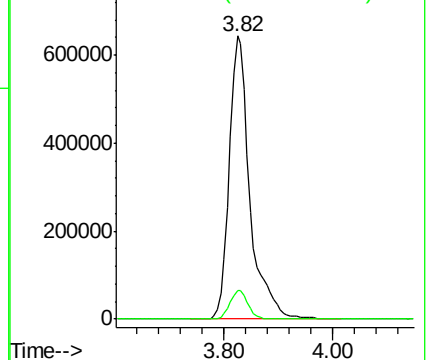
43 100

86 10.1 8.1 12.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 47.39 ug/l

RT: 3.70 min Scan# 511

Delta R.T. 0.00 min

Lab File: VX001048.D

Acq: 23 Apr 2018 10:21

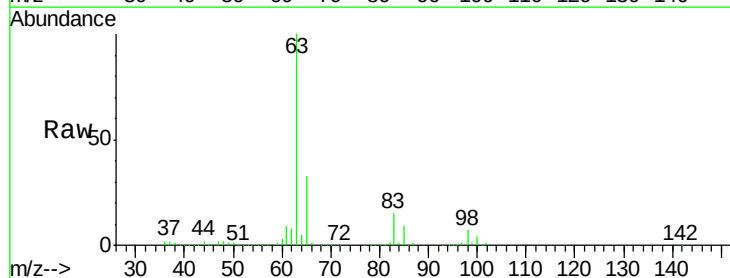
Tgt Ion: 63 Resp: 232445

Ion Ratio Lower Upper

63 100

98 7.2 3.4 10.1

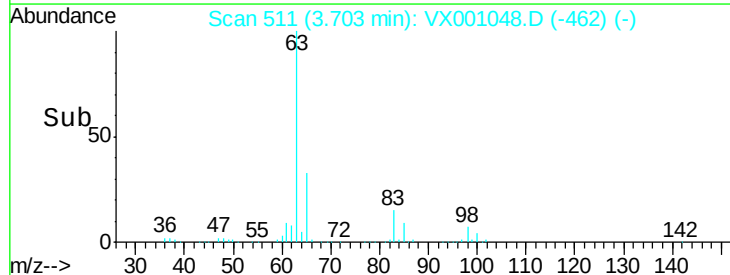
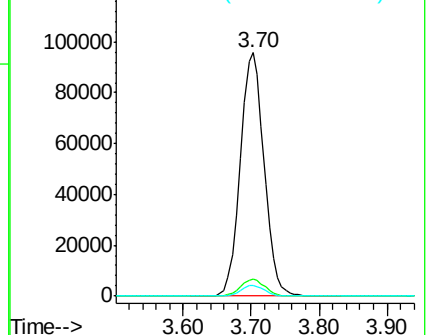
100 4.5 2.1 6.3

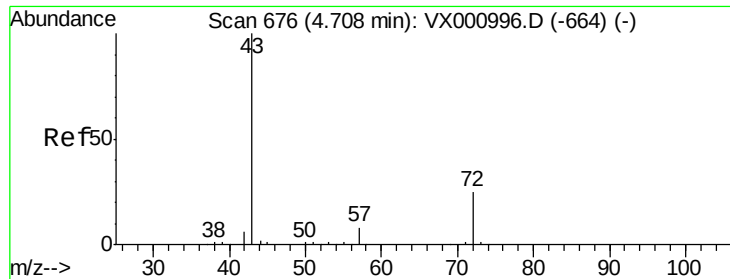


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 231.56 ug/l

RT: 4.70 min Scan# 675

Delta R.T. -0.01 min

Lab File: VX001048.D

Acq: 23 Apr 2018 10:21

Instrument :

MSVOA_X

ClientSampleId :

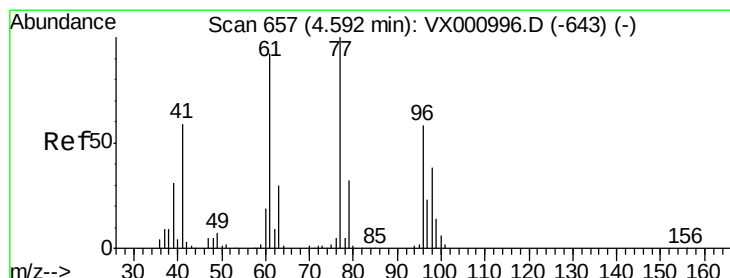
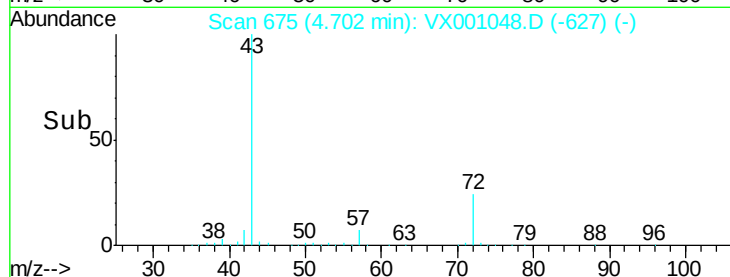
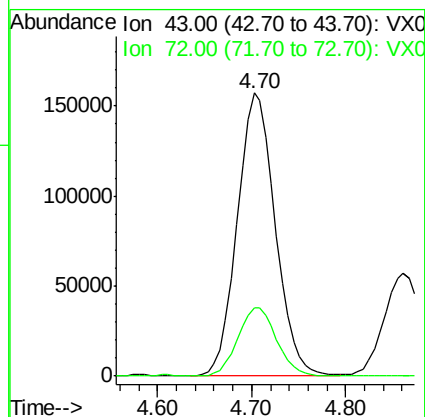
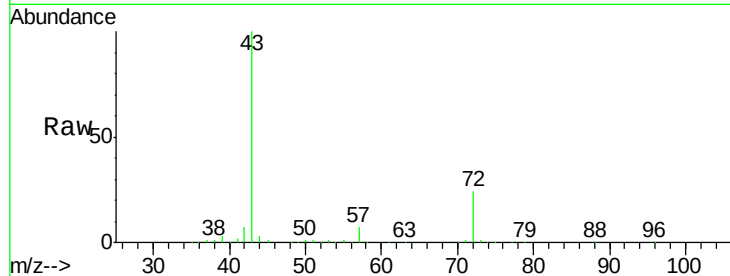
VSTDCCC050

Tgt Ion: 43 Resp: 442005

Ion Ratio Lower Upper

43 100

72 24.1 19.9 29.9



#26

2,2-Dichloropropane

Concen: 52.67 ug/l

RT: 4.59 min Scan# 656

Delta R.T. -0.01 min

Lab File: VX001048.D

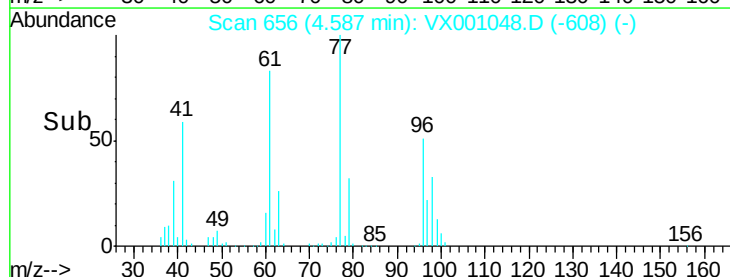
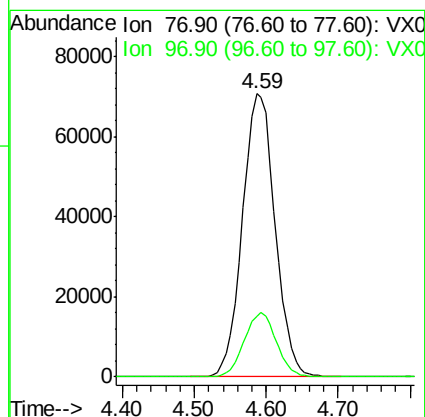
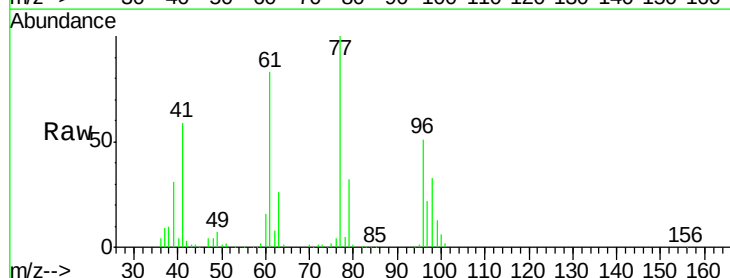
Acq: 23 Apr 2018 10:21

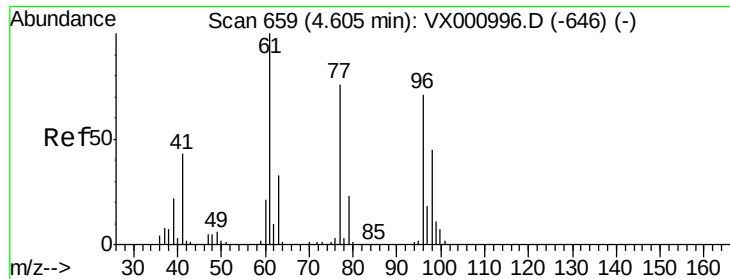
Tgt Ion: 77 Resp: 222220

Ion Ratio Lower Upper

77 100

97 22.4 11.5 34.4



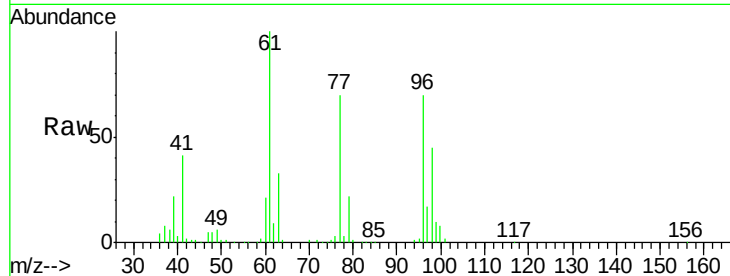


#27

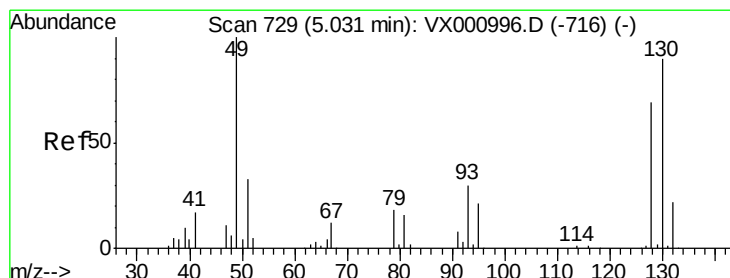
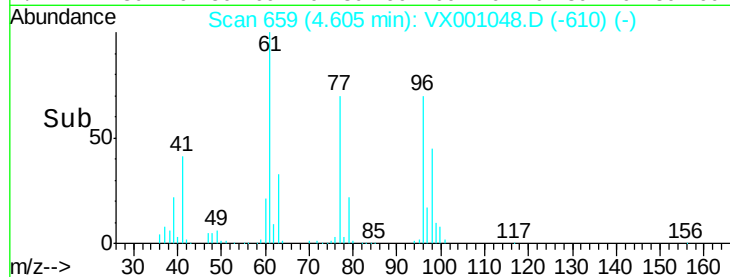
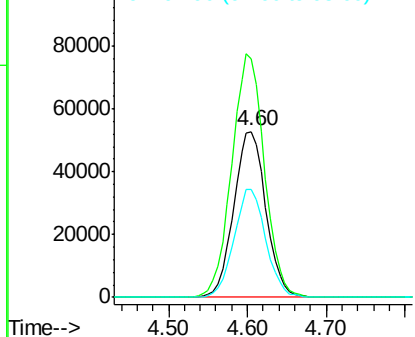
cis-1,2-Dichloroethene
Concen: 48.17 ug/l
RT: 4.60 min Scan# 659
Delta R.T. 0.00 min
Lab File: VX001048.D
Acq: 23 Apr 2018 10:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 96 Resp: 149089
Ion Ratio Lower Upper
96 100
61 149.4 0.0 297.0
98 64.6 0.0 130.0



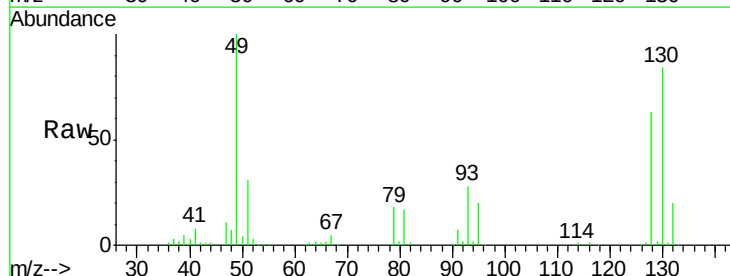
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



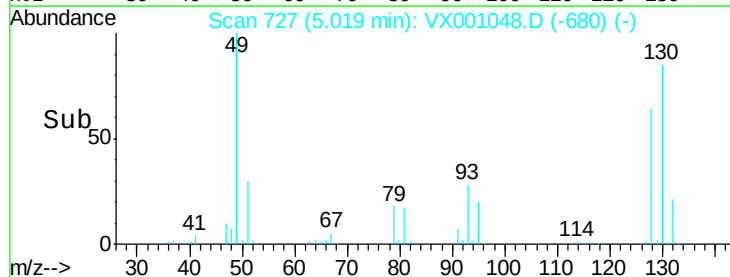
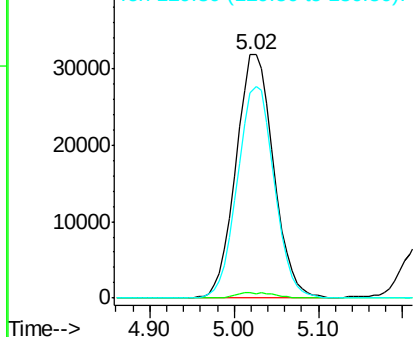
#28

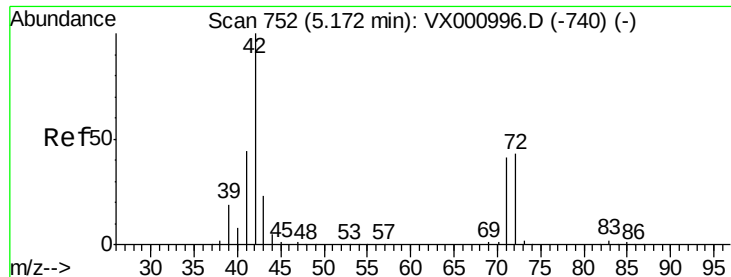
Bromochloromethane
Concen: 51.18 ug/l
RT: 5.02 min Scan# 727
Delta R.T. -0.01 min
Lab File: VX001048.D
Acq: 23 Apr 2018 10:21

Tgt Ion: 49 Resp: 96535
Ion Ratio Lower Upper
49 100
129 2.3 0.0 4.8
130 85.2 70.6 105.8



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

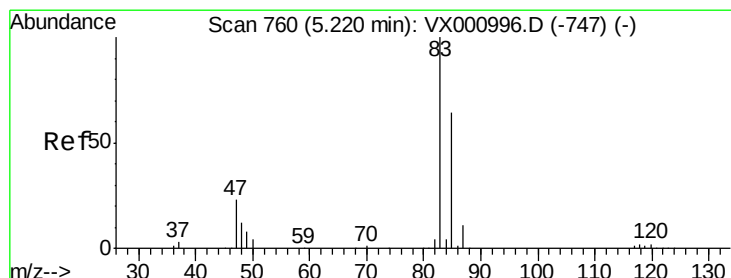
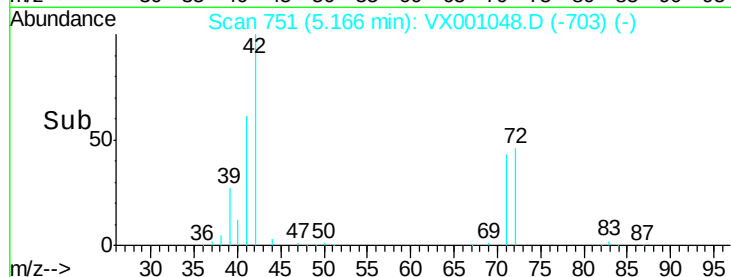
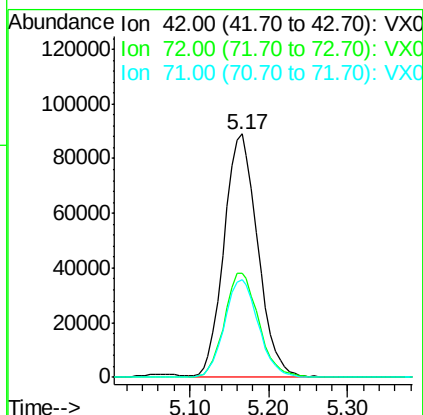
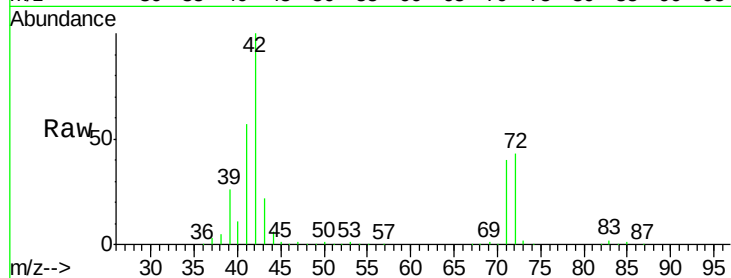




#29
Tetrahydrofuran
Concen: 219.01 ug/l
RT: 5.17 min Scan# 751
Delta R.T. -0.01 min
Lab File: VX001048.D
Acq: 23 Apr 2018 10:21

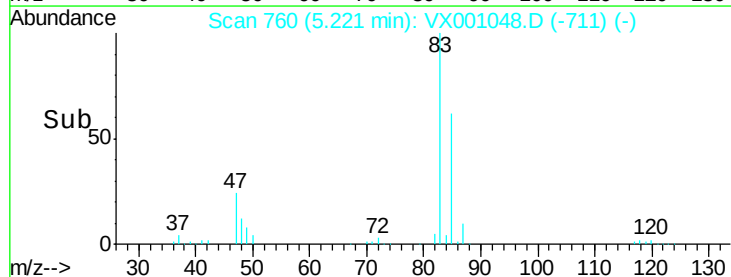
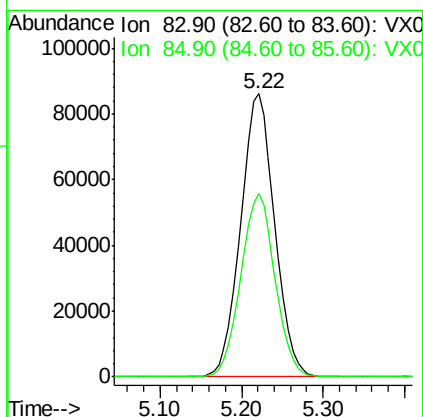
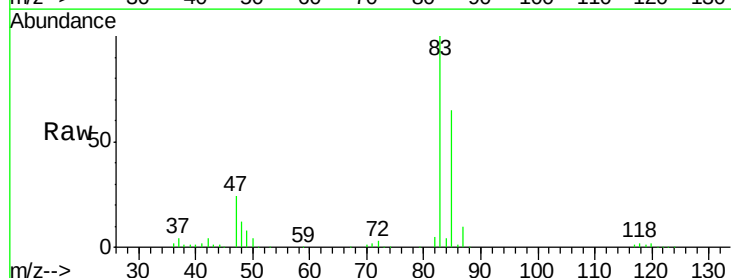
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

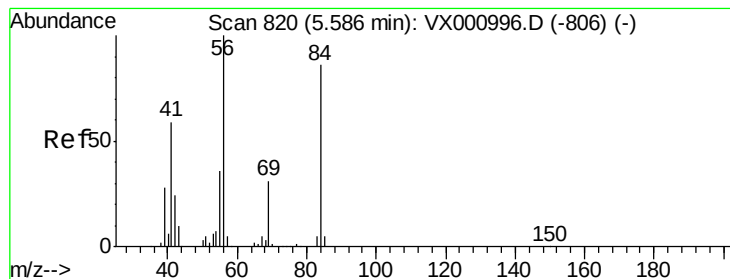
Tgt Ion: 42 Resp: 264177
Ion Ratio Lower Upper
42 100
72 43.8 34.6 52.0
71 40.4 32.6 49.0



#30
Chloroform
Concen: 49.10 ug/l
RT: 5.22 min Scan# 760
Delta R.T. 0.00 min
Lab File: VX001048.D
Acq: 23 Apr 2018 10:21

Tgt Ion: 83 Resp: 249426
Ion Ratio Lower Upper
83 100
85 64.7 51.3 76.9





#31

Cyclohexane

Concen: 48.78 ug/l

RT: 5.58 min Scan# 819

Delta R.T. -0.01 min

Lab File: VX001048.D

Acq: 23 Apr 2018 10:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

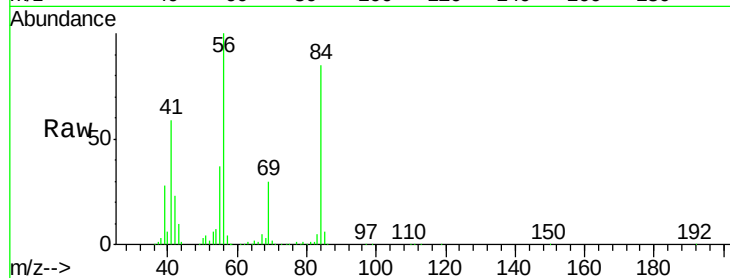
Tgt Ion: 56 Resp: 223306

Ion Ratio Lower Upper

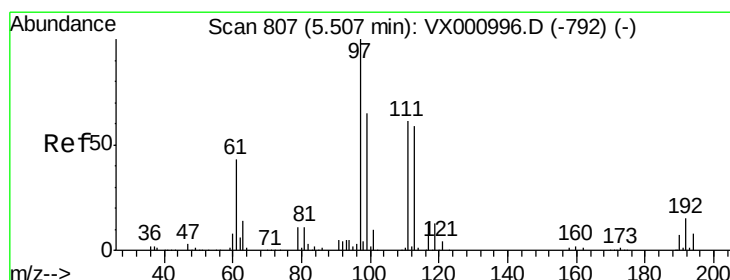
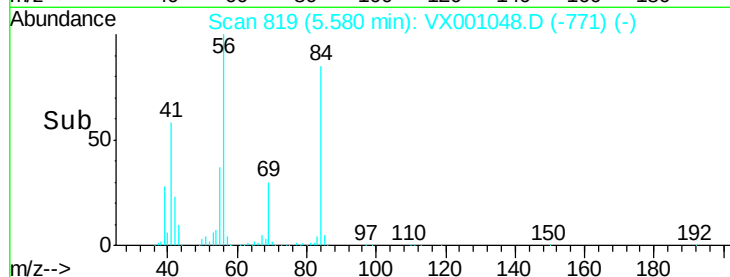
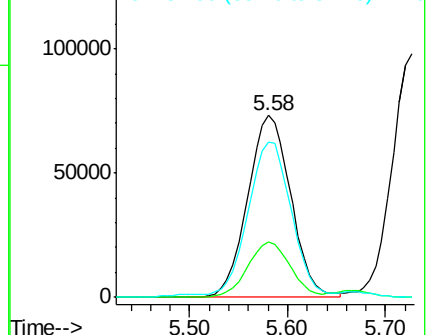
56 100

69 30.1 24.6 36.8

84 83.4 69.0 103.6



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: 50.91 ug/l

RT: 5.50 min Scan# 806

Delta R.T. -0.01 min

Lab File: VX001048.D

Acq: 23 Apr 2018 10:21

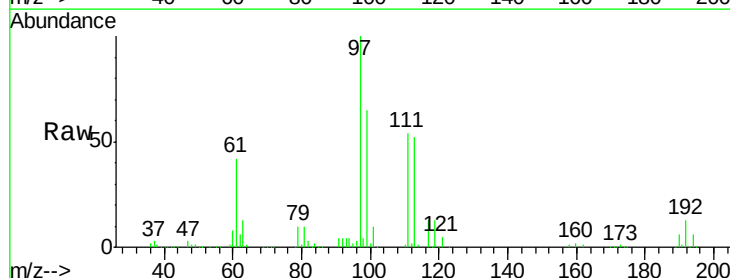
Tgt Ion: 97 Resp: 231841

Ion Ratio Lower Upper

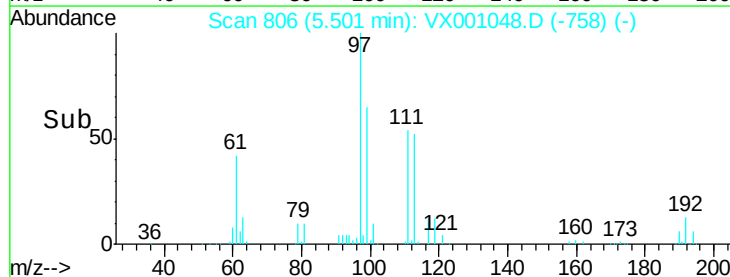
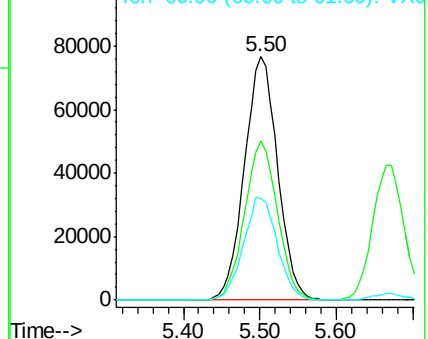
97 100

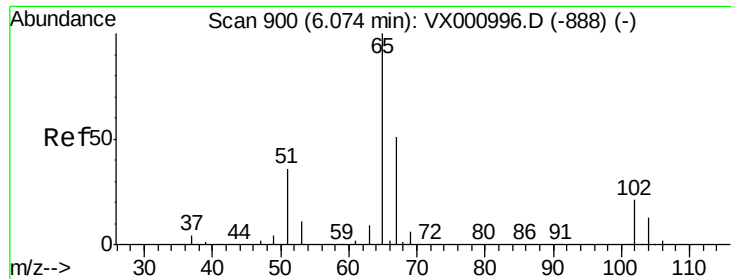
99 64.9 51.1 76.7

61 43.0 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

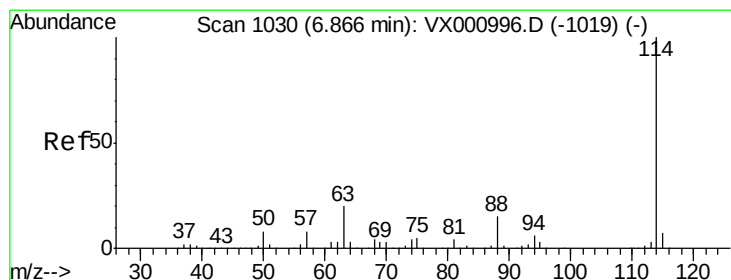
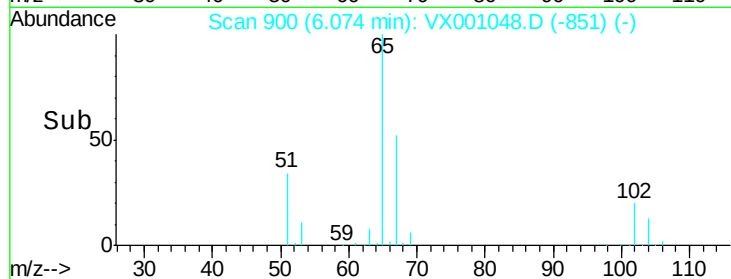
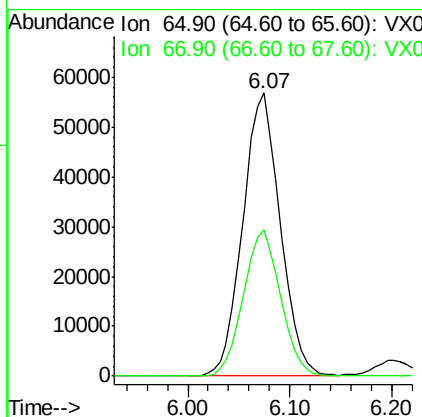
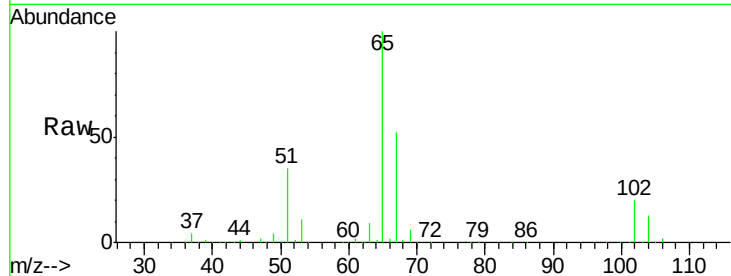




#33
 1,2-Dichloroethane-d4
 Concen: 44.79 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VX001048.D
 Acq: 23 Apr 2018 10:21

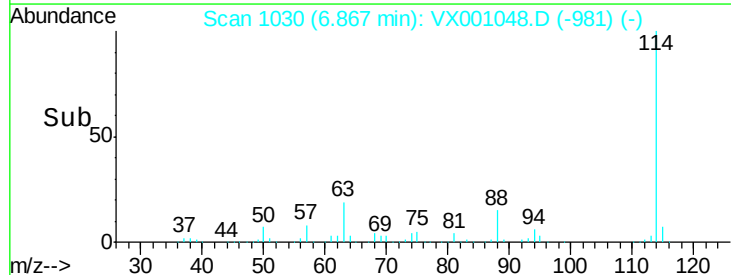
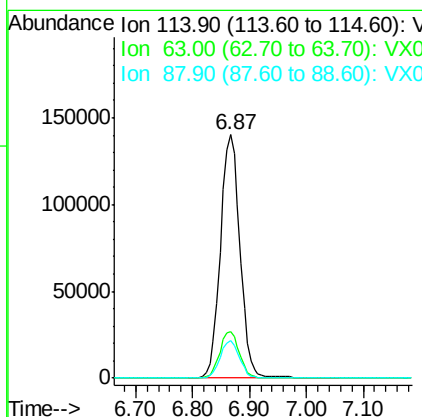
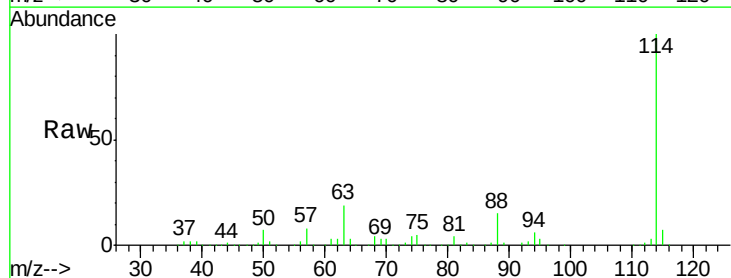
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

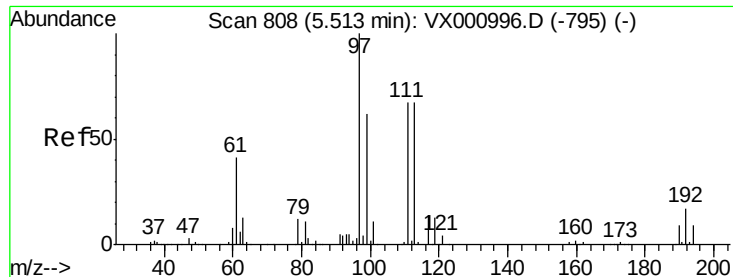
Tgt Ion: 65 Resp: 145459
 Ion Ratio Lower Upper
 65 100
 67 51.3 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX001048.D
 Acq: 23 Apr 2018 10:21

Tgt Ion: 114 Resp: 334783
 Ion Ratio Lower Upper
 114 100
 63 19.2 0.0 39.4
 88 15.3 0.0 29.8

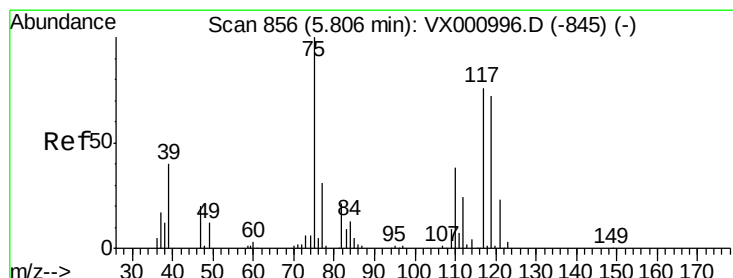
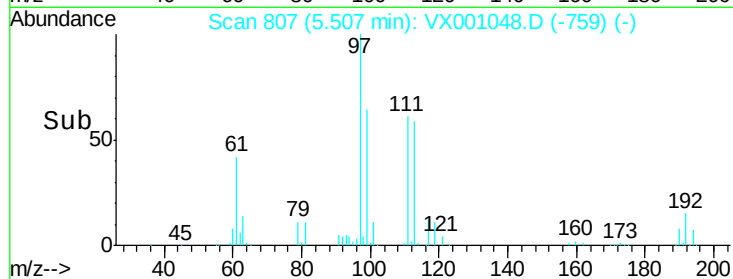
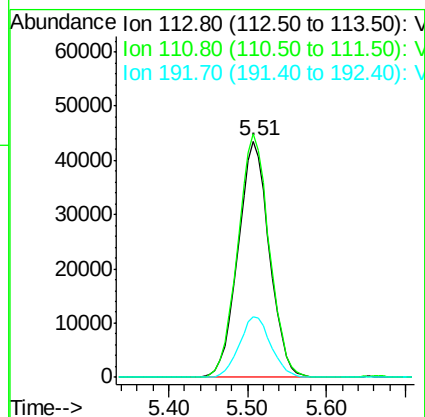
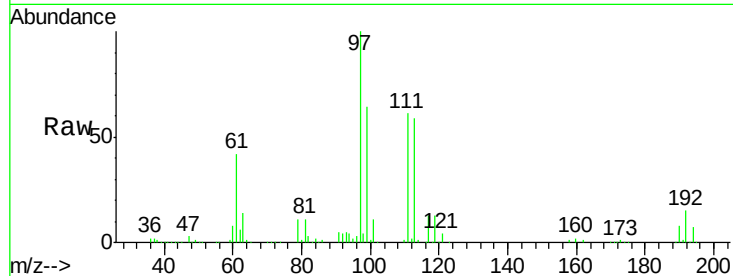




#35
 Dibromofluoromethane
 Concen: 46.94 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. -0.01 min
 Lab File: VX001048.D
 Acq: 23 Apr 2018 10:21

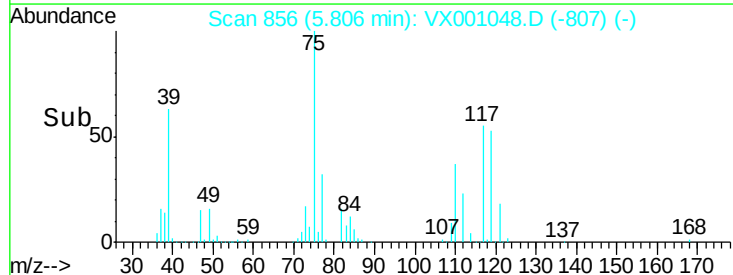
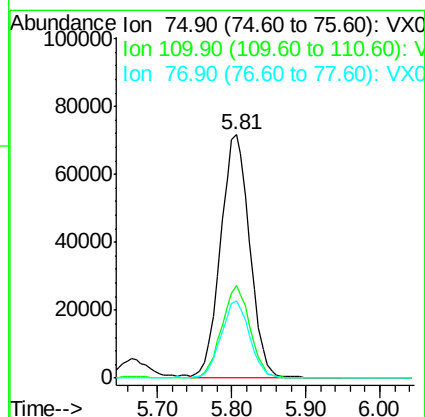
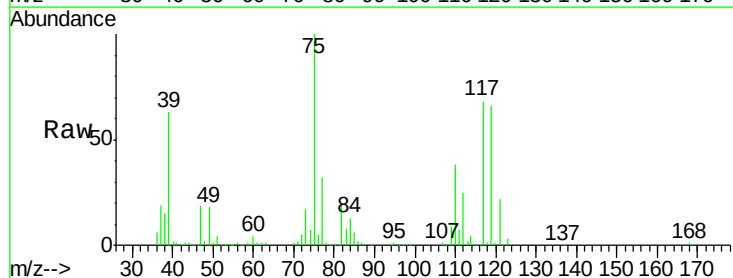
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

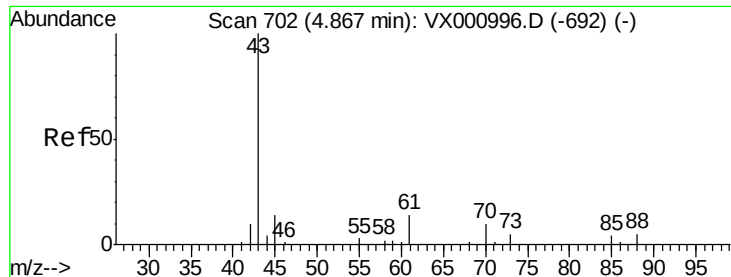
Tgt Ion:113 Resp: 119819
 Ion Ratio Lower Upper
 113 100
 111 104.0 81.4 122.2
 192 25.9 20.4 30.6



#36
 1,1-Dichloropropene
 Concen: 49.34 ug/l
 RT: 5.81 min Scan# 856
 Delta R.T. 0.00 min
 Lab File: VX001048.D
 Acq: 23 Apr 2018 10:21

Tgt Ion: 75 Resp: 194110
 Ion Ratio Lower Upper
 75 100
 110 37.1 18.7 56.1
 77 31.4 25.0 37.4

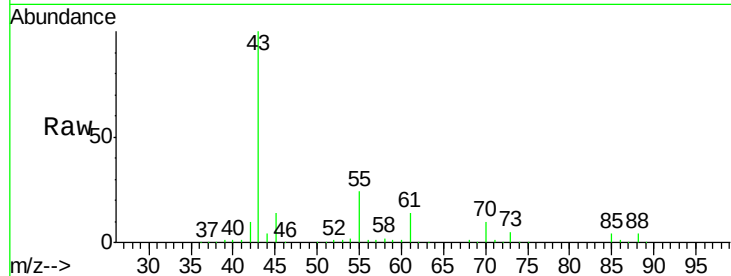




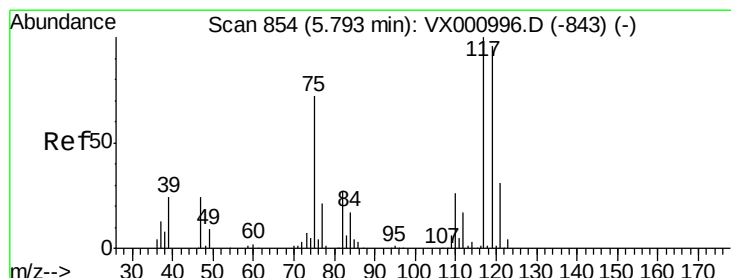
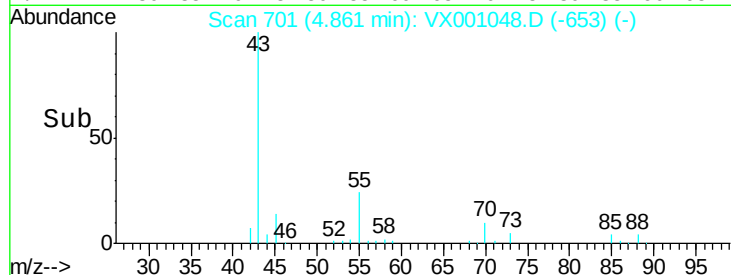
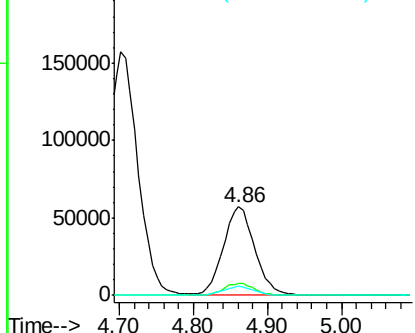
#37
Ethyl Acetate
Concen: 46.33 ug/l
RT: 4.86 min Scan# 701
Delta R.T. -0.01 min
Lab File: VX001048.D
Acq: 23 Apr 2018 10:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 167178
Ion Ratio Lower Upper
43 100
61 13.7 10.7 16.1
70 10.0 8.3 12.5

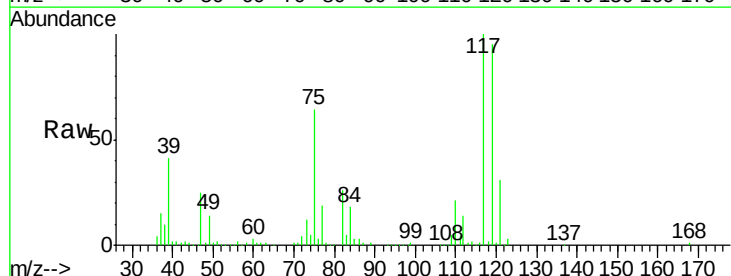


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

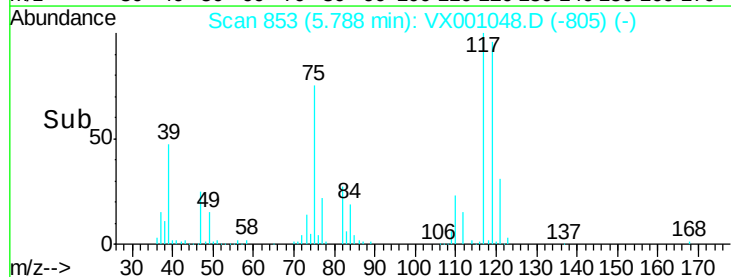
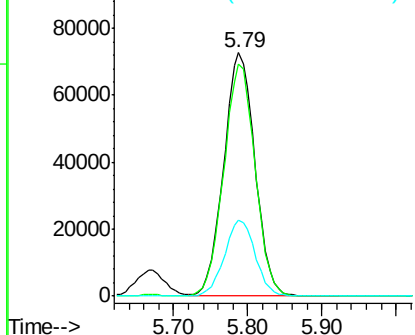


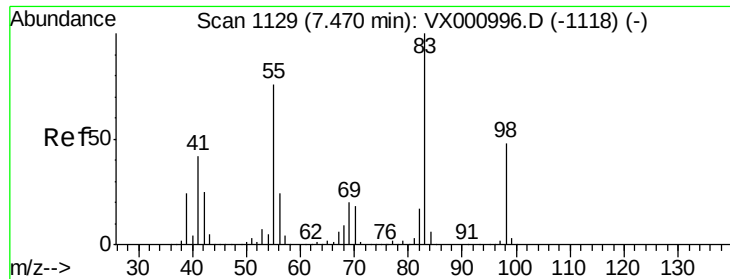
#38
Carbon Tetrachloride
Concen: 53.34 ug/l
RT: 5.79 min Scan# 853
Delta R.T. -0.01 min
Lab File: VX001048.D
Acq: 23 Apr 2018 10:21

Tgt Ion: 117 Resp: 212487
Ion Ratio Lower Upper
117 100
119 95.3 76.5 114.7
121 31.0 24.5 36.7



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

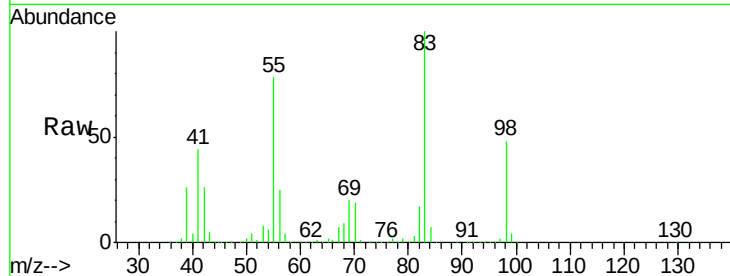




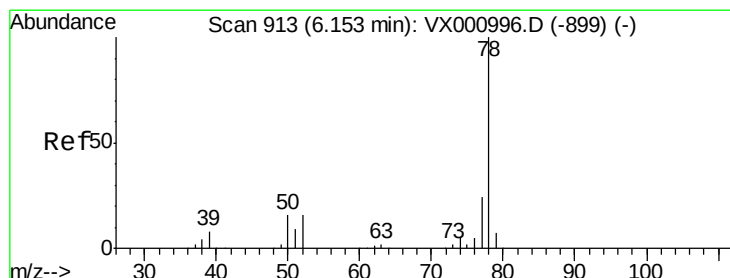
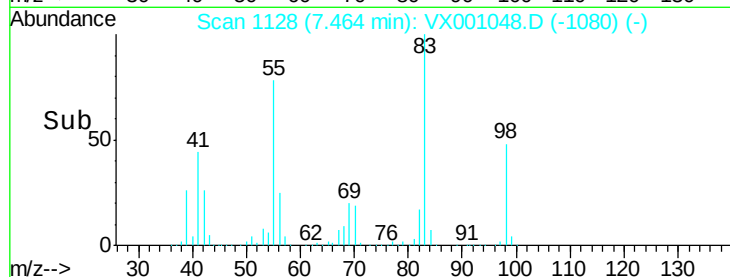
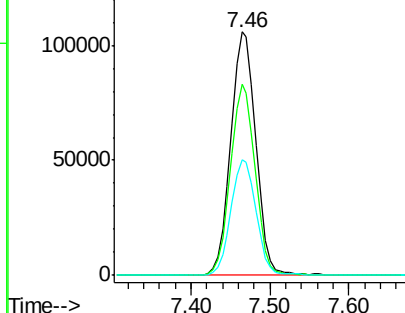
#39
Methylcyclohexane
Concen: 51.33 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.01 min
Lab File: VX001048.D
Acq: 23 Apr 2018 10:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 235043
Ion Ratio Lower Upper
83 100
55 78.3 60.6 91.0
98 47.6 38.2 57.4

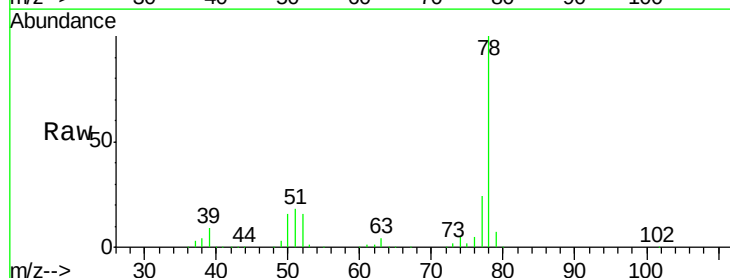


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

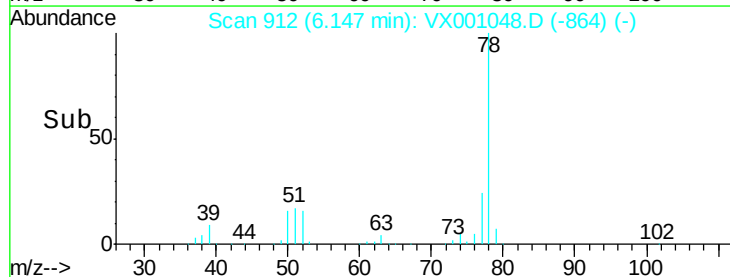
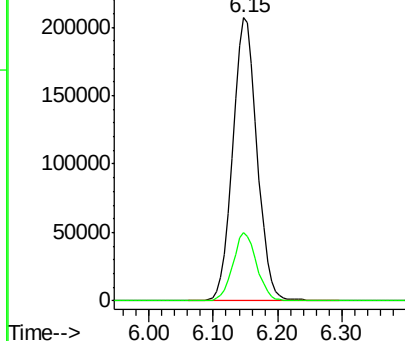


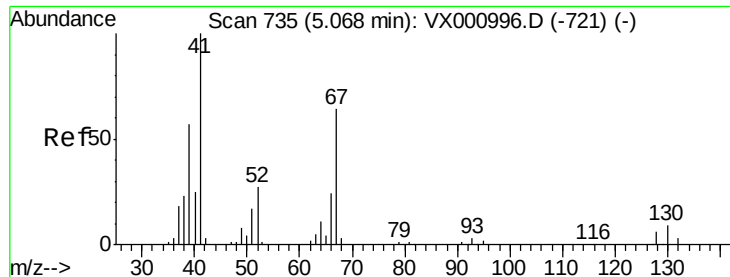
#40
Benzene
Concen: 49.77 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.01 min
Lab File: VX001048.D
Acq: 23 Apr 2018 10:21

Tgt Ion: 78 Resp: 544392
Ion Ratio Lower Upper
78 100
77 24.0 18.9 28.3



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

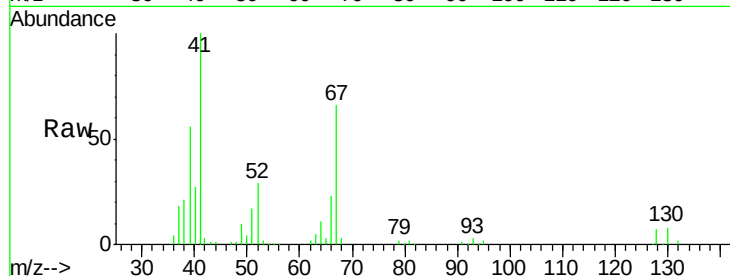




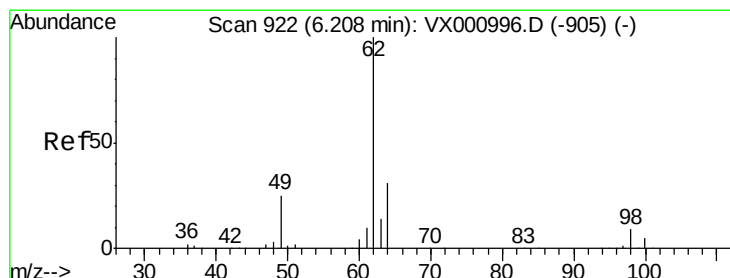
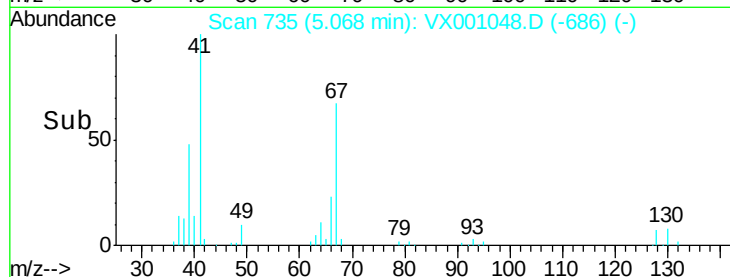
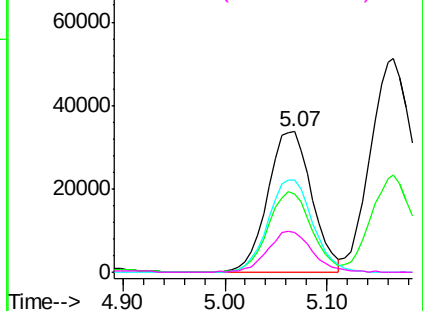
#41
Methacrylonitrile
Concen: 44.68 ug/l
RT: 5.07 min Scan# 735
Delta R.T. 0.00 min
Lab File: VX001048.D
Acq: 23 Apr 2018 10:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:	41	Resp:	100679
Ion	Ratio	Lower	Upper
41	100		
39	56.8	45.2	67.8
67	67.0	53.8	80.8
52	29.7	22.4	33.6

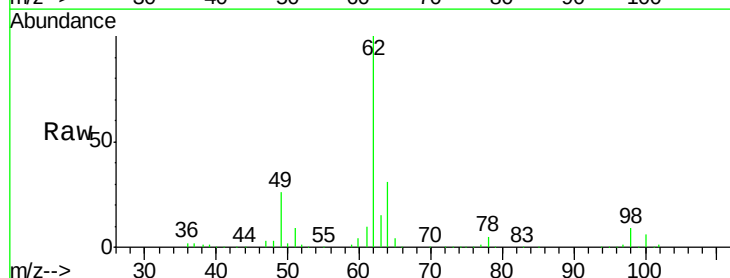


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

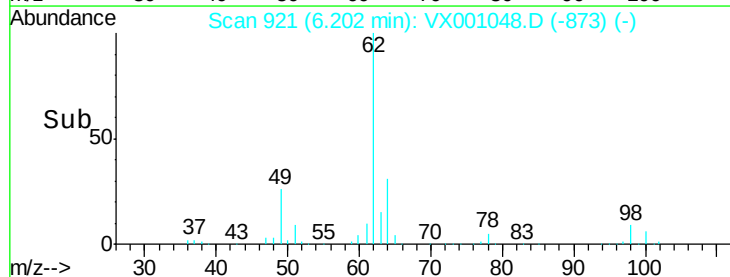
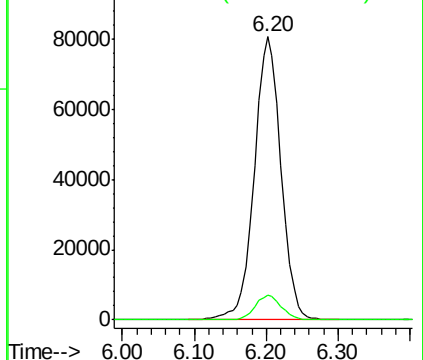


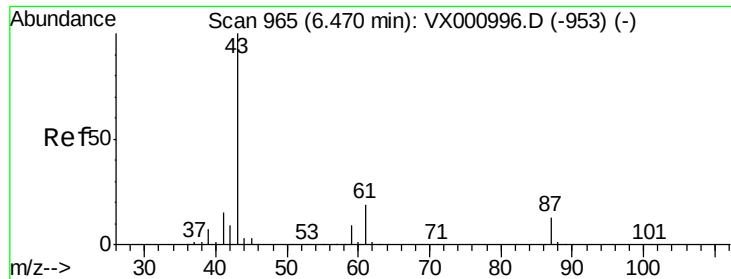
#42
1,2-Dichloroethane
Concen: 49.32 ug/l
RT: 6.20 min Scan# 921
Delta R.T. -0.01 min
Lab File: VX001048.D
Acq: 23 Apr 2018 10:21

Tgt Ion:	62	Resp:	207071
Ion	Ratio	Lower	Upper
62	100		
98	8.5	0.0	17.6



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





#43

Isopropyl Acetate

Concen: 48.29 ug/l

RT: 6.47 min Scan# 965

Delta R.T. 0.00 min

Lab File: VX001048.D

Acq: 23 Apr 2018 10:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

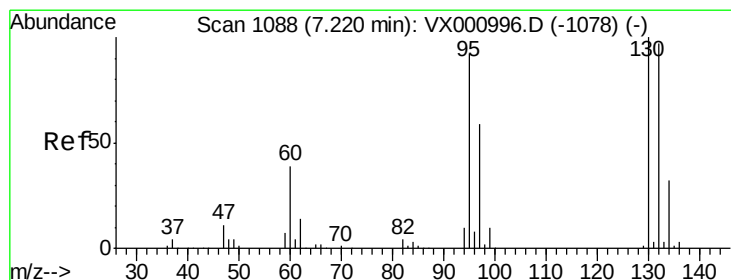
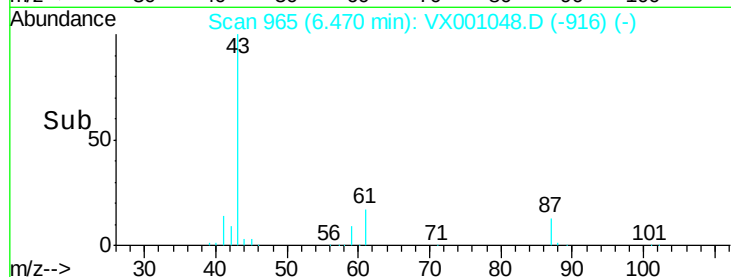
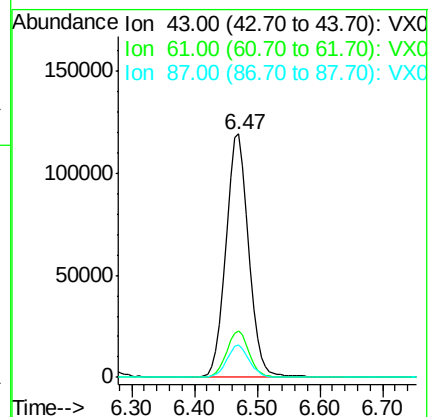
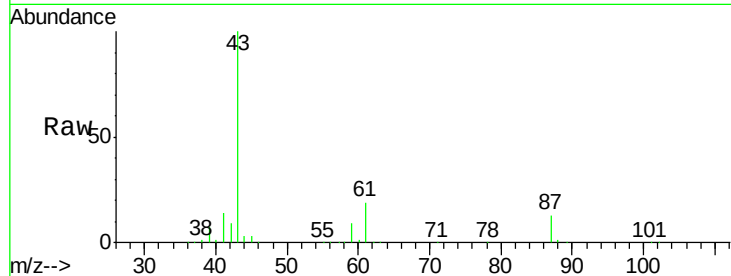
Tgt Ion: 43 Resp: 298996

Ion Ratio Lower Upper

43 100

61 19.0 15.4 23.2

87 13.1 10.6 15.8



#44

Trichloroethene

Concen: 49.74 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. 0.00 min

Lab File: VX001048.D

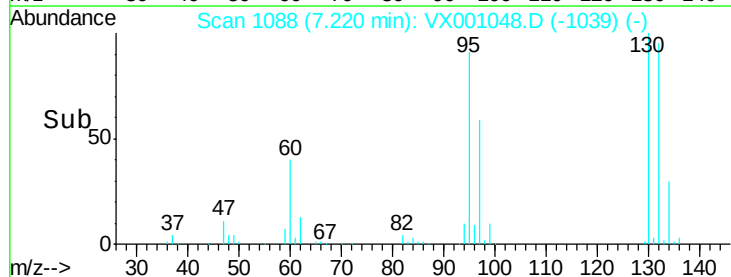
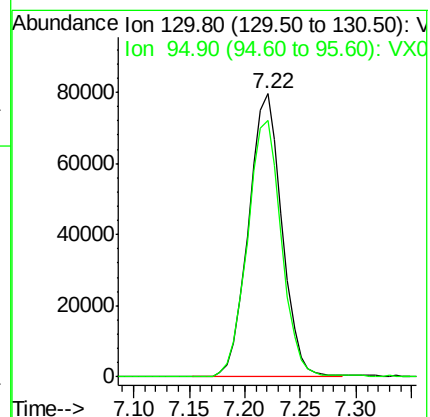
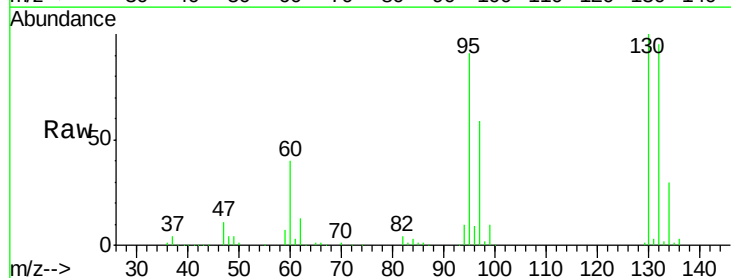
Acq: 23 Apr 2018 10:21

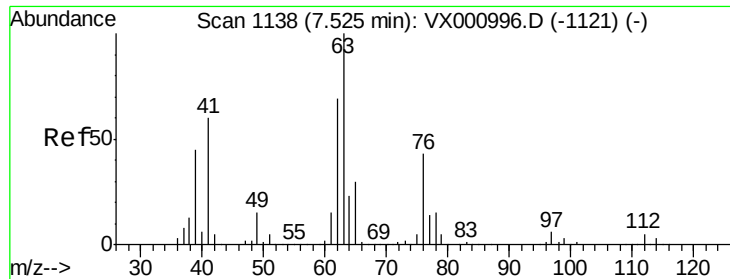
Tgt Ion: 130 Resp: 166197

Ion Ratio Lower Upper

130 100

95 90.6 0.0 184.2

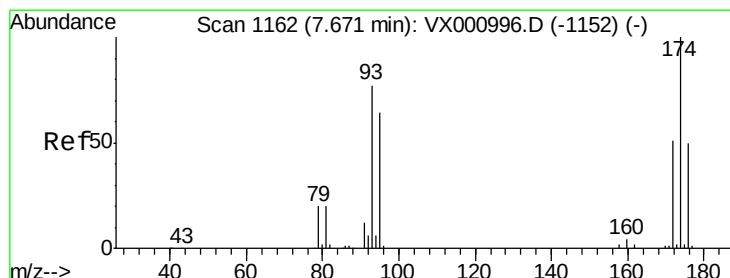
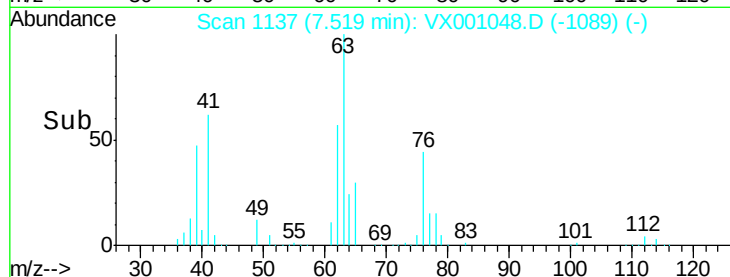
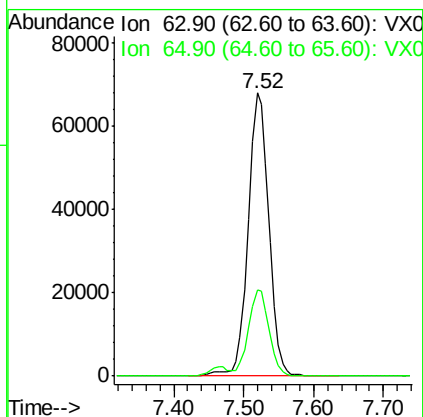
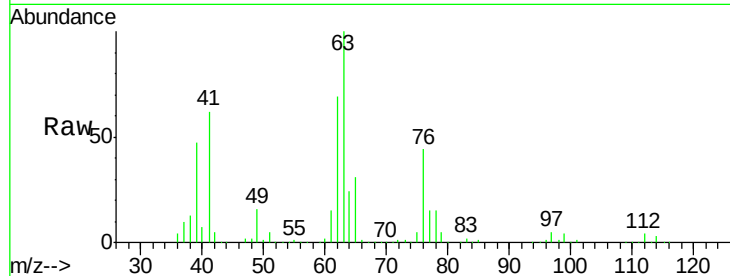




#45
 1,2-Dichloropropane
 Concen: 50.64 ug/l
 RT: 7.52 min Scan# 1137
 Delta R.T. -0.01 min
 Lab File: VX001048.D
 Acq: 23 Apr 2018 10:21

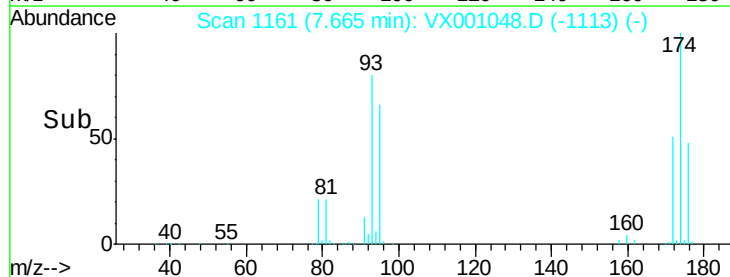
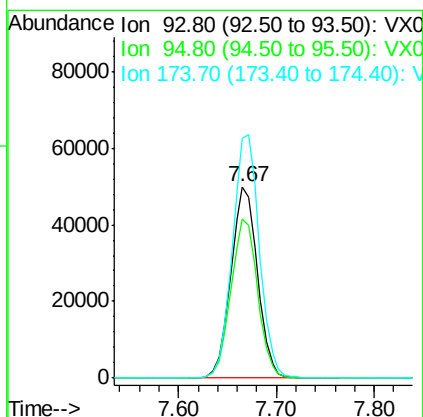
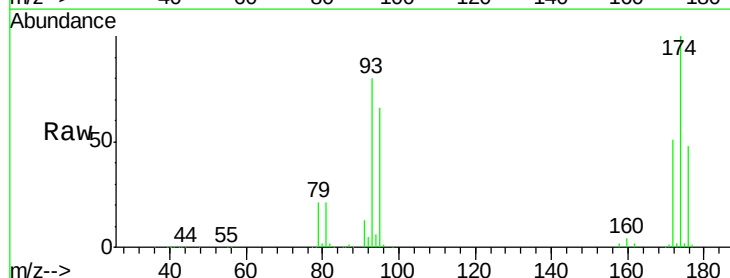
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

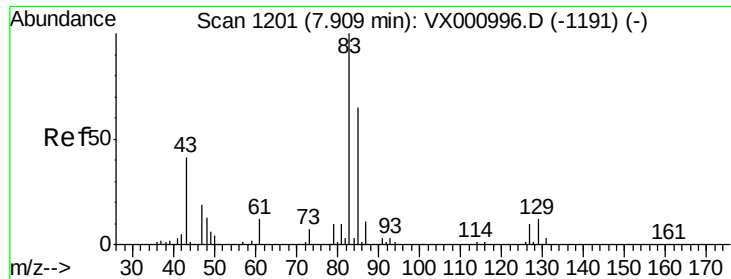
Tgt Ion: 63 Resp: 139273
 Ion Ratio Lower Upper
 63 100
 65 30.6 24.4 36.6



#46
 Dibromomethane
 Concen: 49.03 ug/l
 RT: 7.67 min Scan# 1161
 Delta R.T. -0.01 min
 Lab File: VX001048.D
 Acq: 23 Apr 2018 10:21

Tgt Ion: 93 Resp: 94214
 Ion Ratio Lower Upper
 93 100
 95 83.6 66.7 100.1
 174 128.8 101.8 152.6





#47

Bromodichloromethane

Concen: 53.94 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.01 min

Lab File: VX001048.D

Acq: 23 Apr 2018 10:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

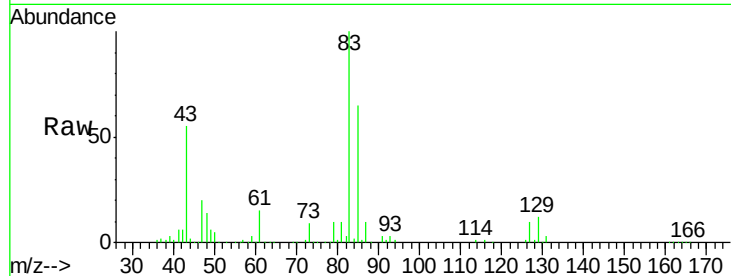
Tgt Ion: 83 Resp: 192020

Ion Ratio Lower Upper

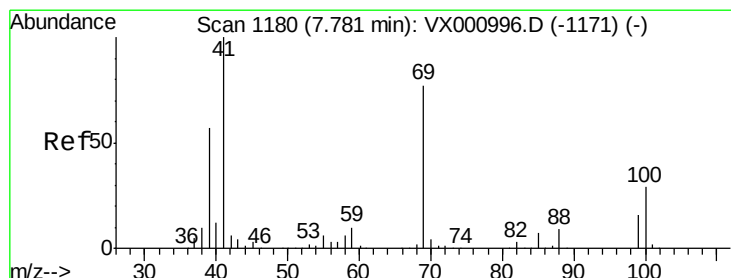
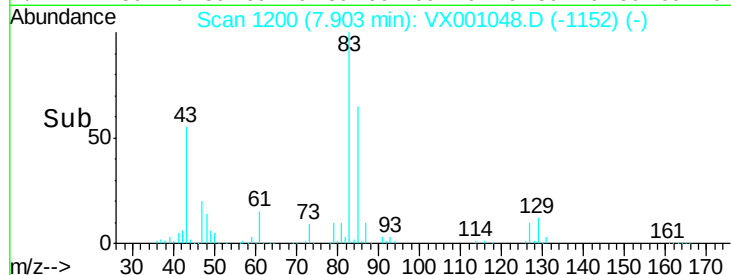
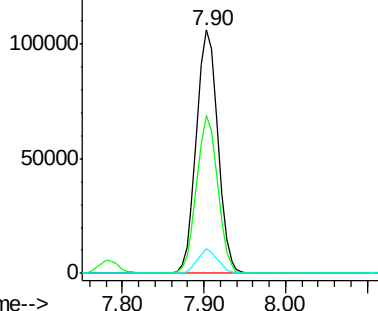
83 100

85 65.0 52.3 78.5

127 10.1 7.8 11.6



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: 47.38 ug/l

RT: 7.78 min Scan# 1180

Delta R.T. 0.00 min

Lab File: VX001048.D

Acq: 23 Apr 2018 10:21

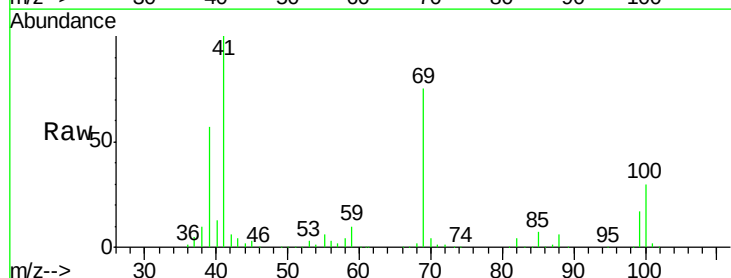
Tgt Ion: 41 Resp: 157937

Ion Ratio Lower Upper

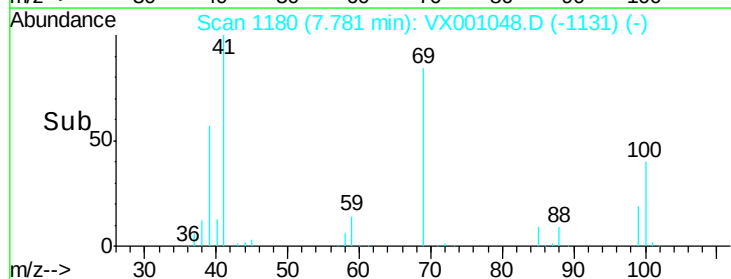
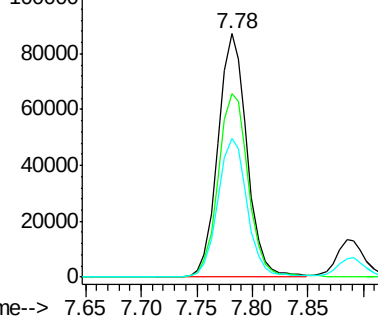
41 100

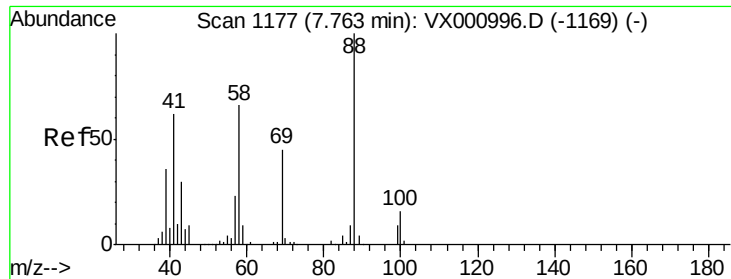
69 78.5 62.6 94.0

39 58.0 45.3 67.9



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

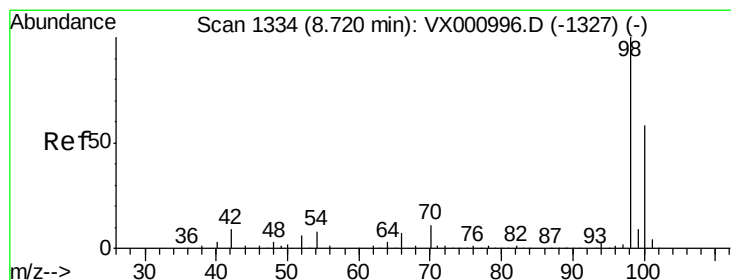
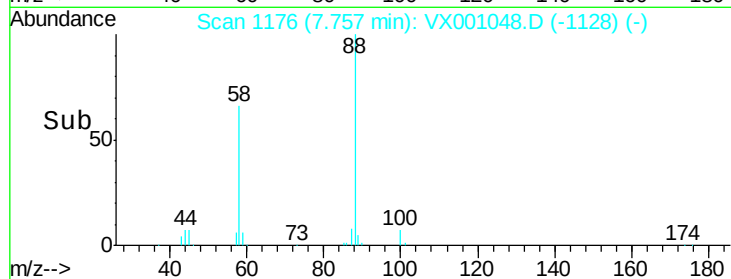
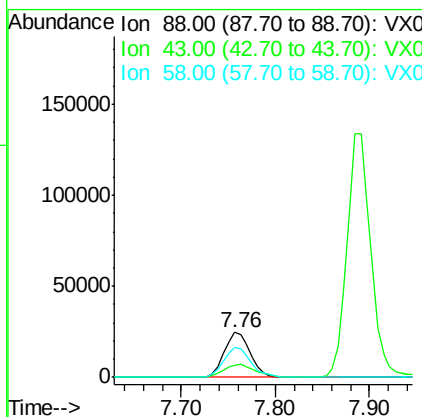
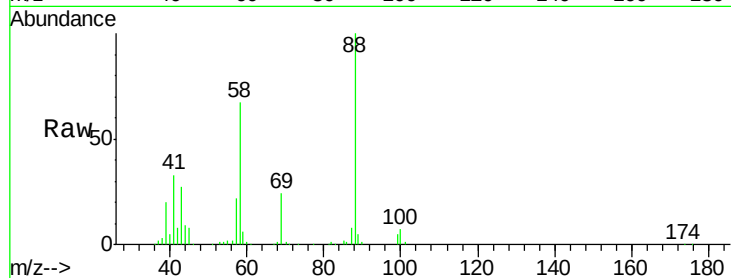




#49
1,4-Dioxane
Concen: 973.35 ug/l
RT: 7.76 min Scan# 1176
Delta R.T. -0.01 min
Lab File: VX001048.D
Acq: 23 Apr 2018 10:21

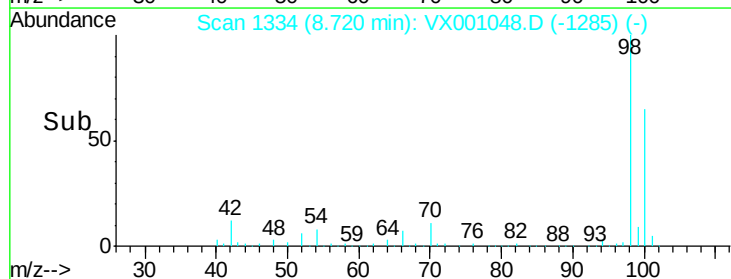
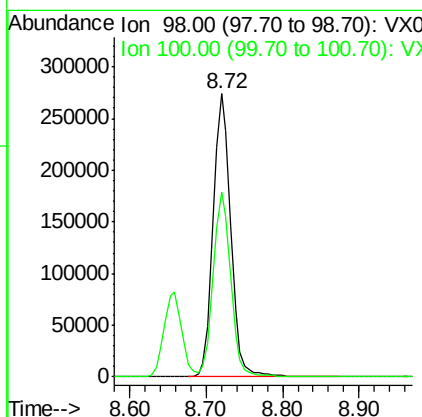
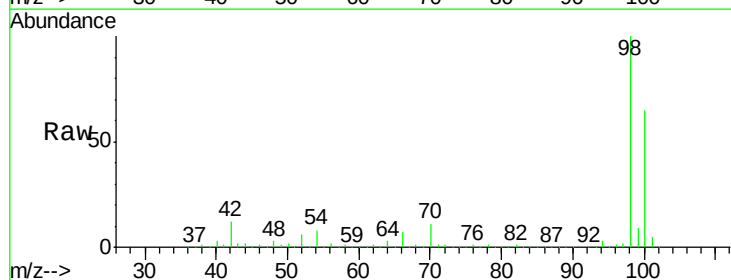
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

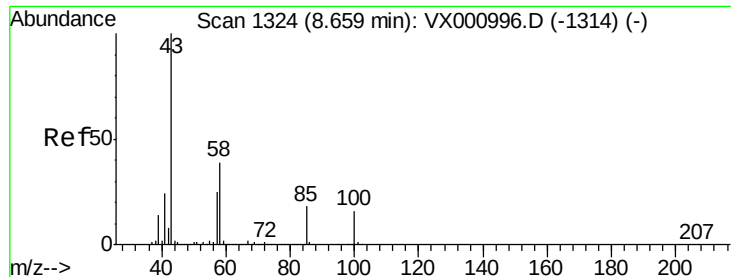
Tgt Ion: 88 Resp: 47717
Ion Ratio Lower Upper
88 100
43 36.4 29.2 43.8
58 68.8 55.0 82.6



#50
Toluene-d8
Concen: 46.31 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX001048.D
Acq: 23 Apr 2018 10:21

Tgt Ion: 98 Resp: 437125
Ion Ratio Lower Upper
98 100
100 65.1 51.9 77.9





#51

4-Methyl-2-Pentanone

Concen: 235.24 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. -0.01 min

Lab File: VX001048.D

Acq: 23 Apr 2018 10:21

Instrument :

MSVOA_X

ClientSampleId :

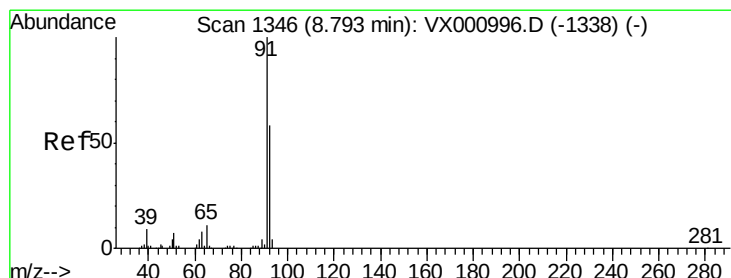
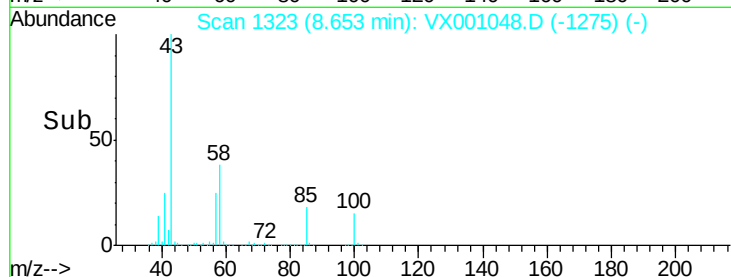
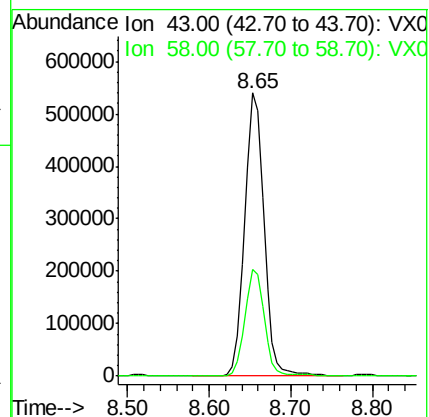
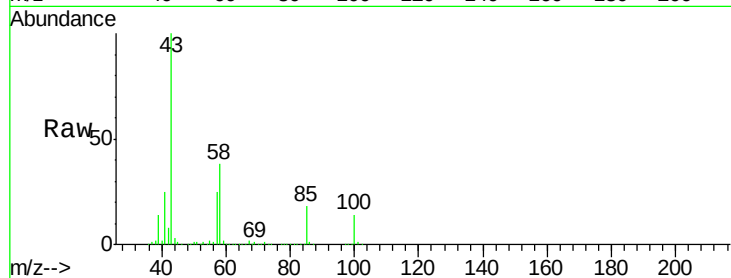
VSTDCCC050

Tgt Ion: 43 Resp: 884325

Ion Ratio Lower Upper

43 100

58 37.3 30.2 45.4



#52

Toluene

Concen: 50.63 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.01 min

Lab File: VX001048.D

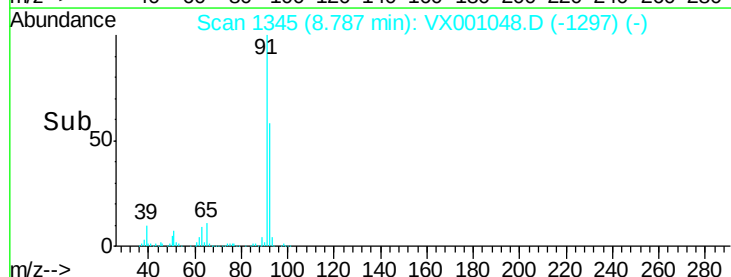
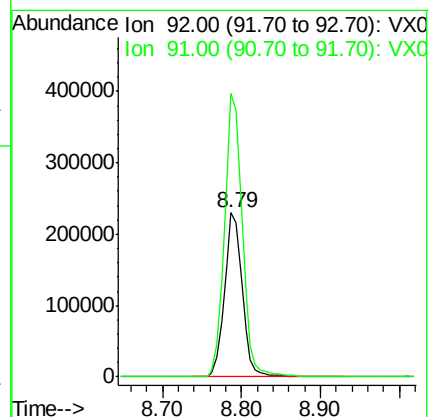
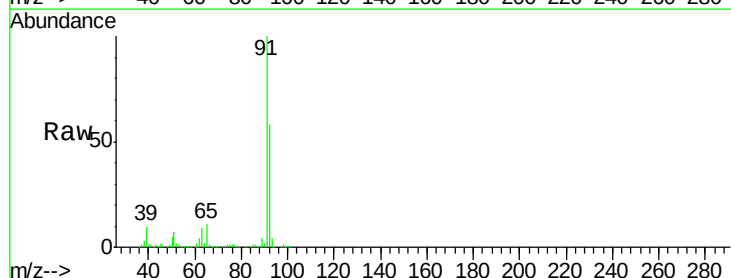
Acq: 23 Apr 2018 10:21

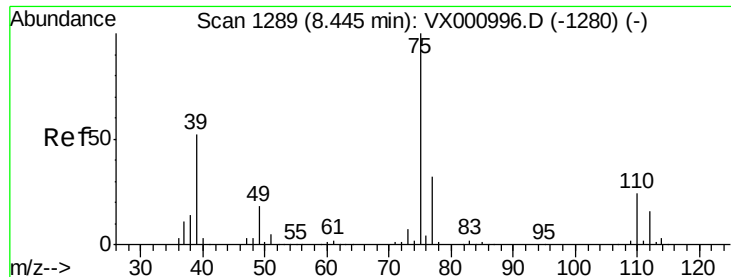
Tgt Ion: 92 Resp: 361447

Ion Ratio Lower Upper

92 100

91 173.4 138.2 207.4





#53

t-1,3-Dichloropropene

Concen: 54.84 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. -0.01 min

Lab File: VX001048.D

Acq: 23 Apr 2018 10:21

Instrument :

MSVOA_X

ClientSampleId :

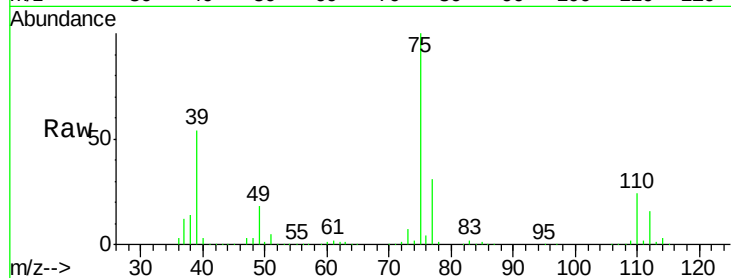
VSTDCCC050

Tgt Ion: 75 Resp: 233494

Ion Ratio Lower Upper

75 100

77 31.1 25.8 38.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

8.44

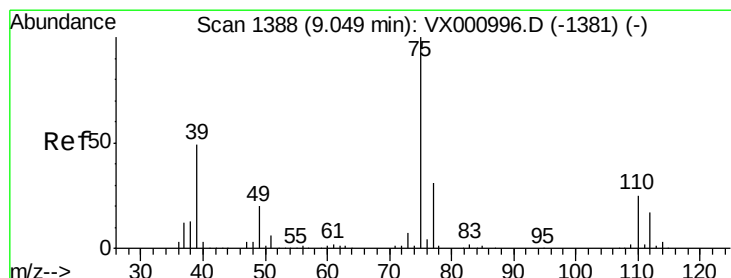
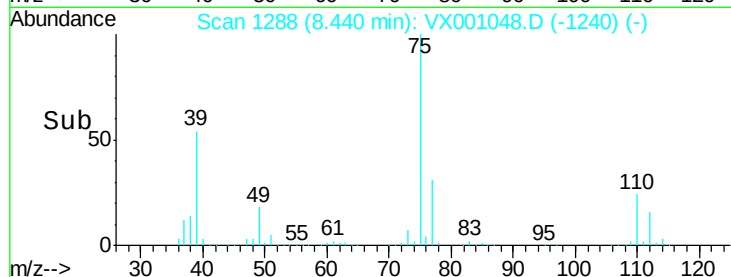
150000

100000

50000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 55.71 ug/l

RT: 9.05 min Scan# 1388

Delta R.T. 0.00 min

Lab File: VX001048.D

Acq: 23 Apr 2018 10:21

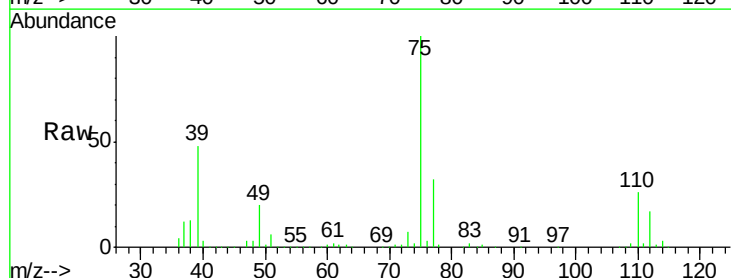
Tgt Ion: 75 Resp: 223634

Ion Ratio Lower Upper

75 100

77 32.1 25.0 37.6

39 48.3 39.2 58.8



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

9.05

200000

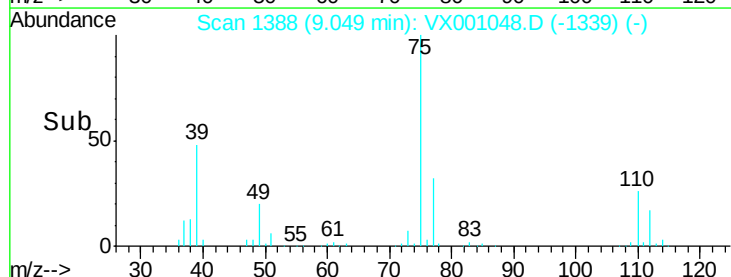
150000

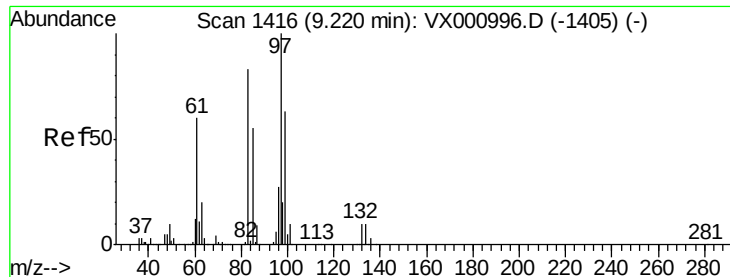
100000

50000

0

Time-->

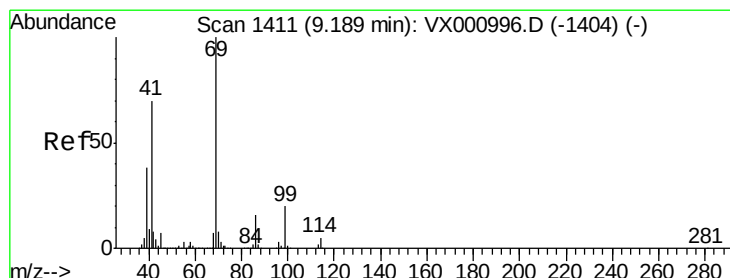
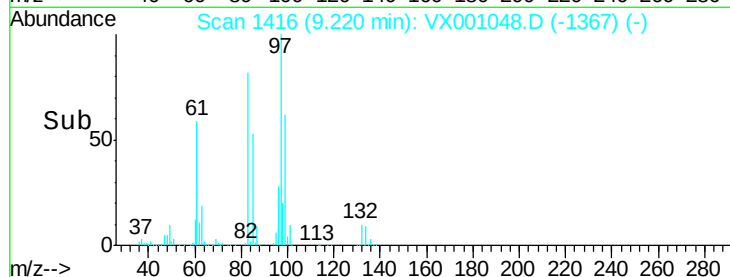
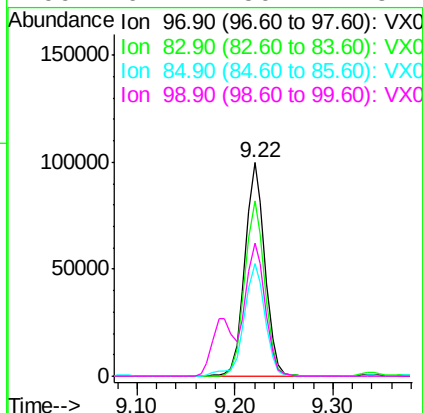
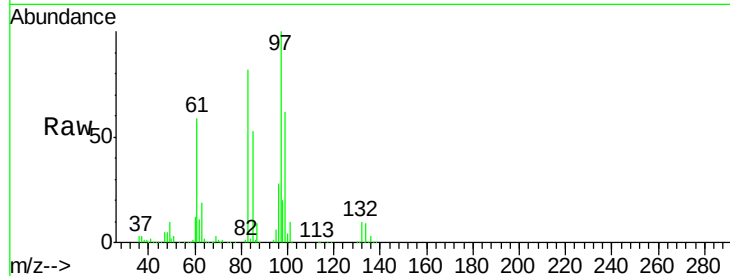




#55
 1,1,2-Trichloroethane
 Concen: 49.84 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VX001048.D
 Acq: 23 Apr 2018 10:21

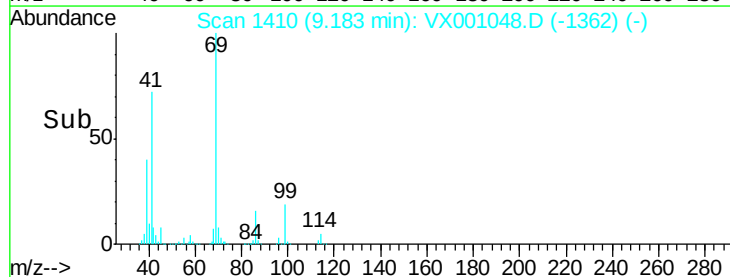
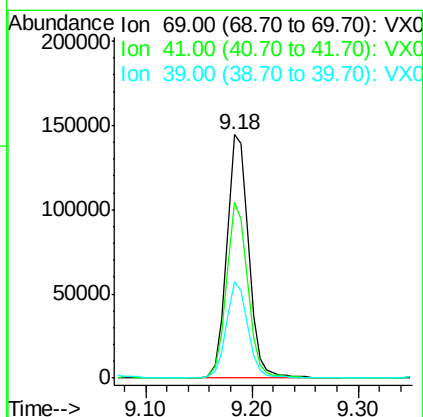
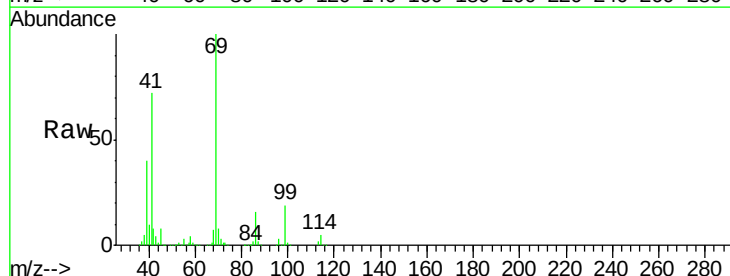
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

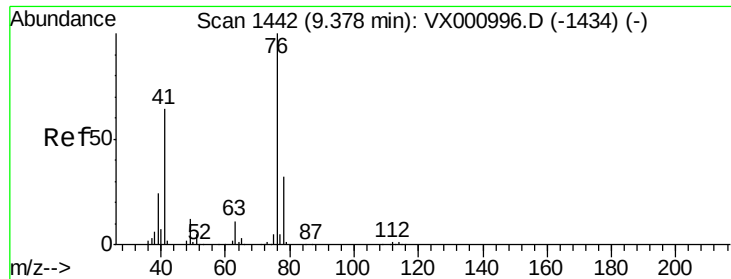
Tgt Ion:	97	Resp:	141404
Ion	Ratio	Lower	Upper
97	100		
83	82.0	66.2	99.4
85	52.6	44.2	66.4
99	62.2	50.2	75.4



#56
 Ethyl methacrylate
 Concen: 50.22 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. -0.01 min
 Lab File: VX001048.D
 Acq: 23 Apr 2018 10:21

Tgt Ion:	69	Resp:	209312
Ion	Ratio	Lower	Upper
69	100		
41	70.0	56.3	84.5
39	38.9	30.4	45.6

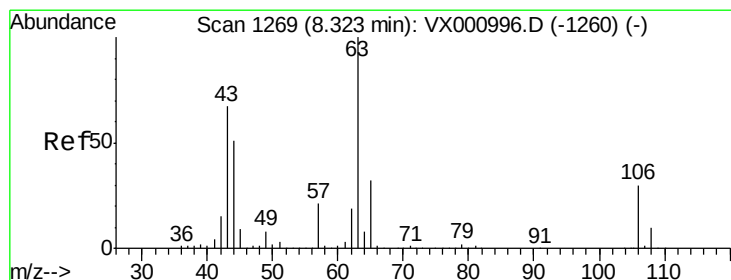
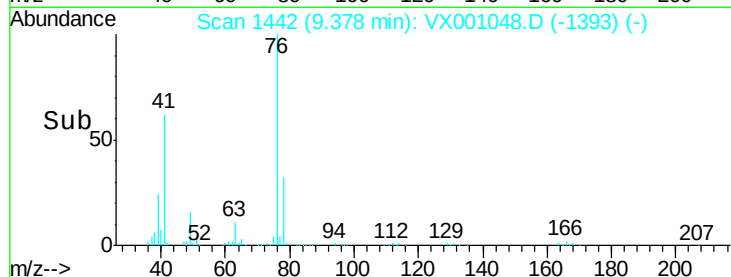
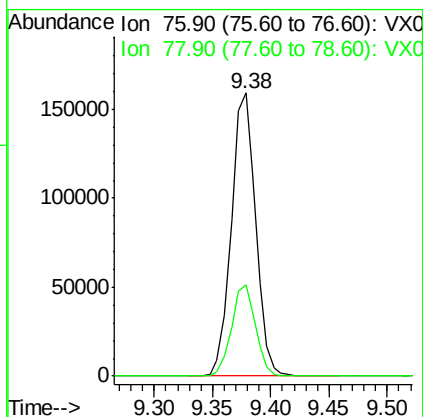
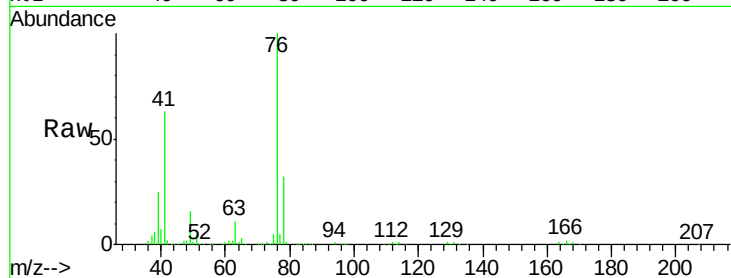




#57
 1,3-Dichloropropane
 Concen: 49.20 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. 0.00 min
 Lab File: VX001048.D
 Acq: 23 Apr 2018 10:21

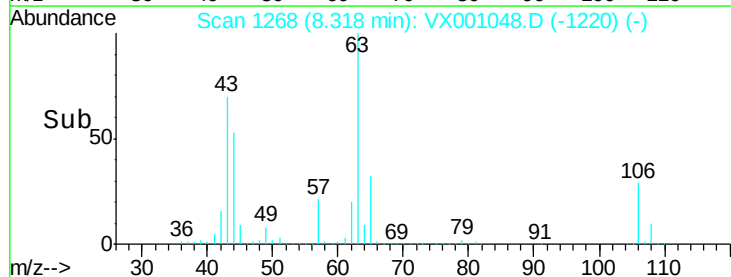
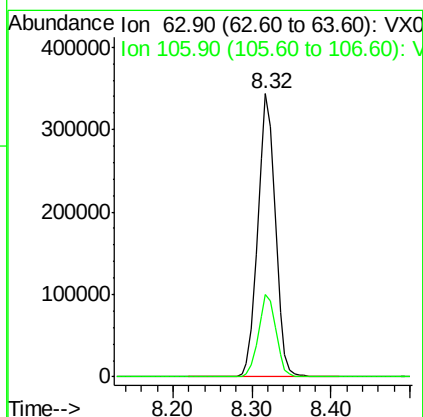
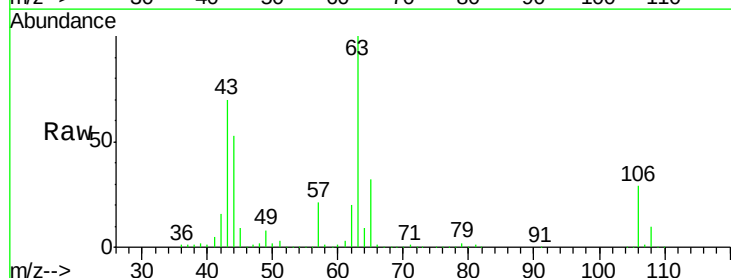
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

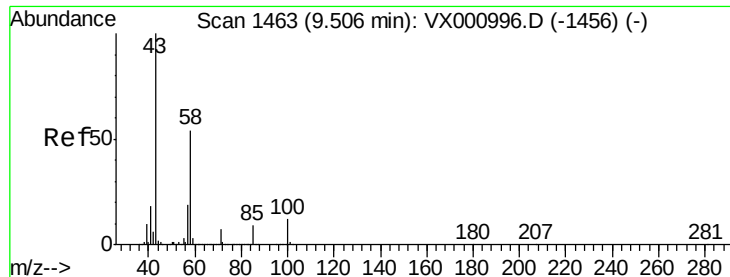
Tgt Ion: 76 Resp: 231281
 Ion Ratio Lower Upper
 76 100
 78 32.0 25.8 38.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 262.31 ug/l
 RT: 8.32 min Scan# 1268
 Delta R.T. -0.01 min
 Lab File: VX001048.D
 Acq: 23 Apr 2018 10:21

Tgt Ion: 63 Resp: 533527
 Ion Ratio Lower Upper
 63 100
 106 29.3 23.8 35.6

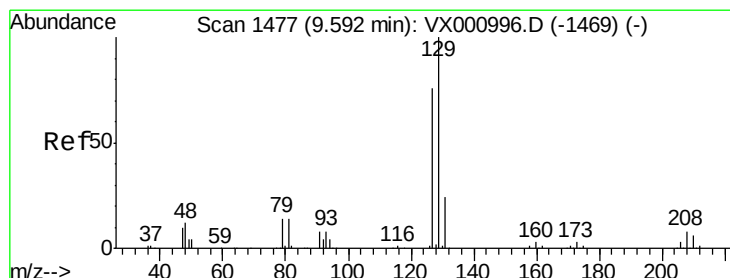
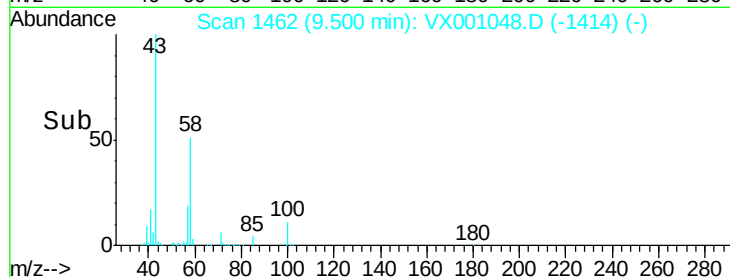
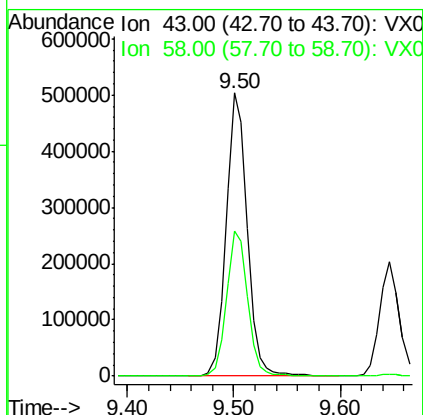
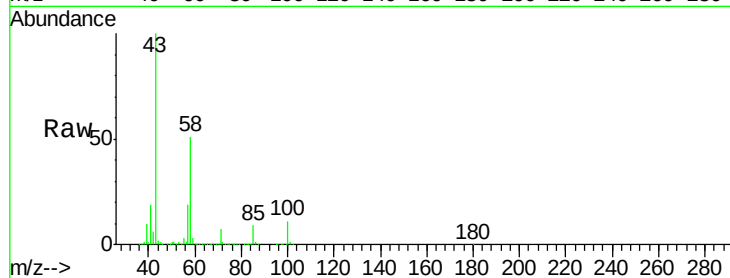




#59
2-Hexanone
Concen: 241.06 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. -0.01 min
Lab File: VX001048.D
Acq: 23 Apr 2018 10:21

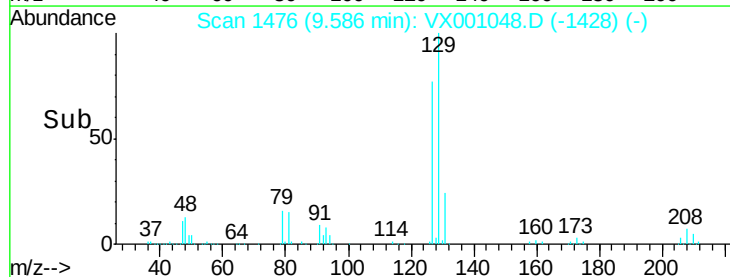
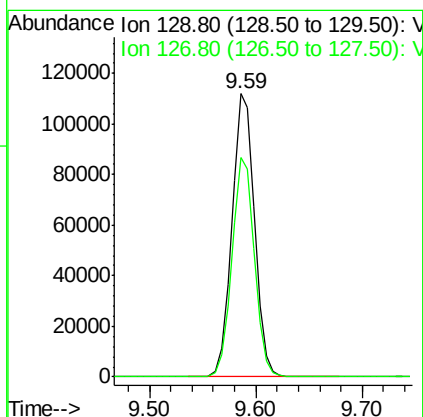
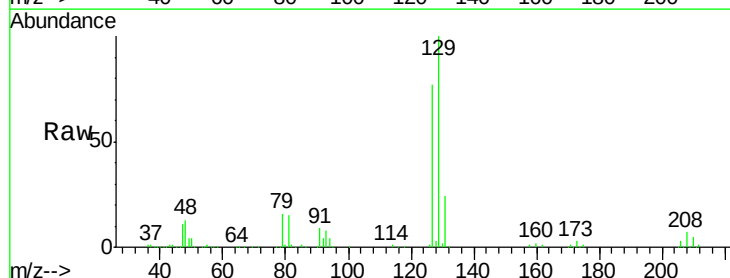
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

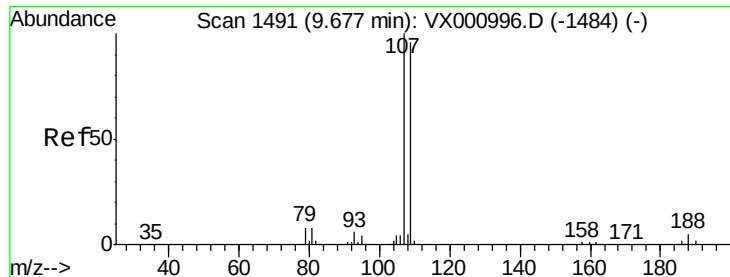
Tgt Ion: 43 Resp: 693613
Ion Ratio Lower Upper
43 100
58 52.0 26.3 78.9



#60
Dibromochloromethane
Concen: 55.77 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. -0.01 min
Lab File: VX001048.D
Acq: 23 Apr 2018 10:21

Tgt Ion: 129 Resp: 166185
Ion Ratio Lower Upper
129 100
127 77.1 38.6 115.8





#61

1,2-Dibromoethane

Concen: 50.12 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. 0.00 min

Lab File: VX001048.D

Acq: 23 Apr 2018 10:21

Instrument :

MSVOA_X

ClientSampleId :

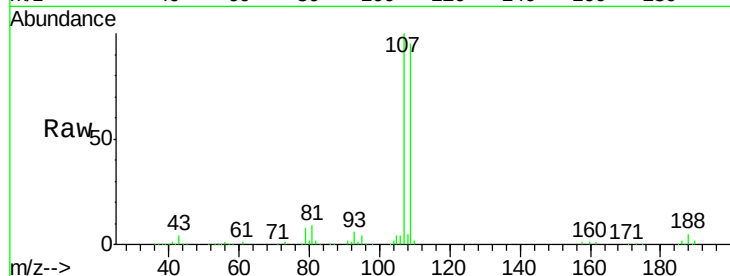
VSTDCCC050

Tgt Ion: 107 Resp: 150097

Ion Ratio Lower Upper

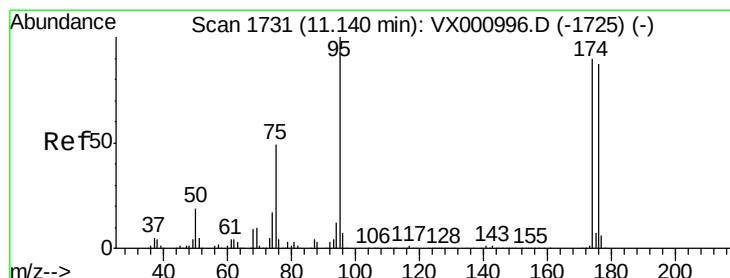
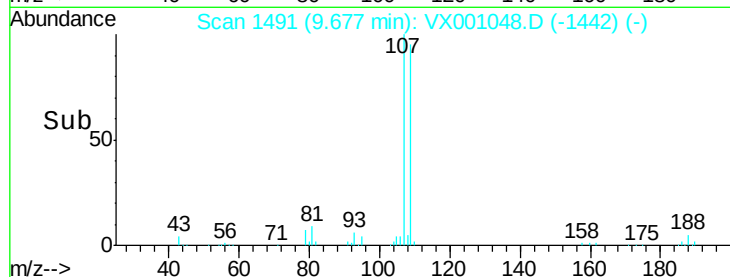
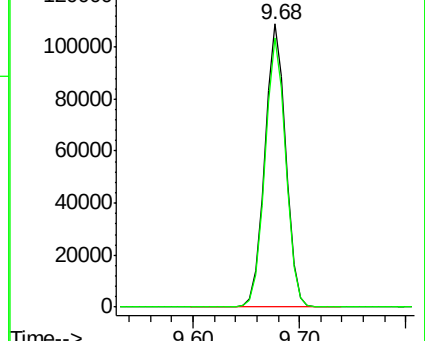
107 100

109 94.8 76.0 114.0



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 47.09 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX001048.D

Acq: 23 Apr 2018 10:21

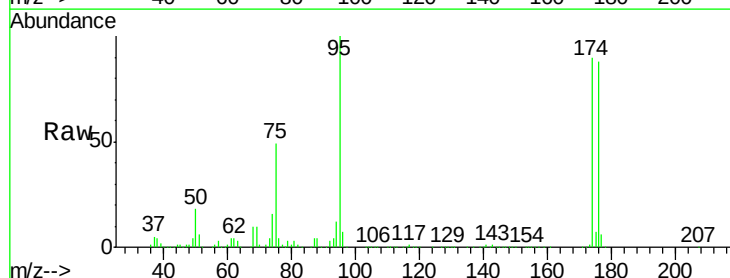
Tgt Ion: 95 Resp: 186539

Ion Ratio Lower Upper

95 100

174 97.2 0.0 198.4

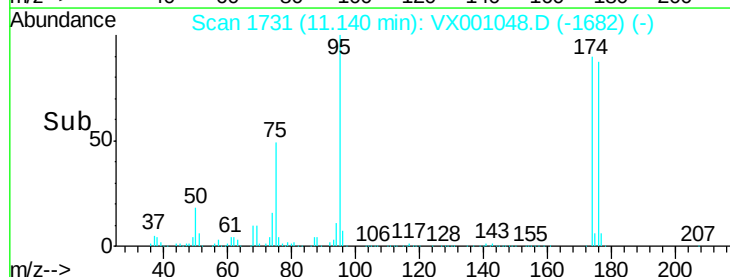
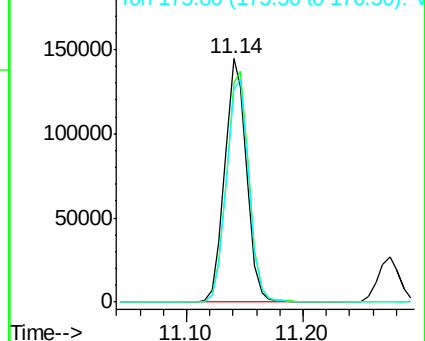
176 94.7 0.0 192.0

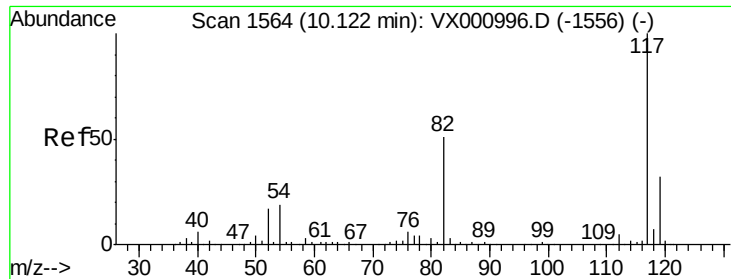


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

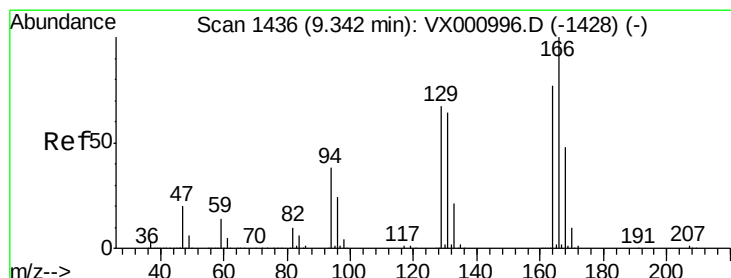
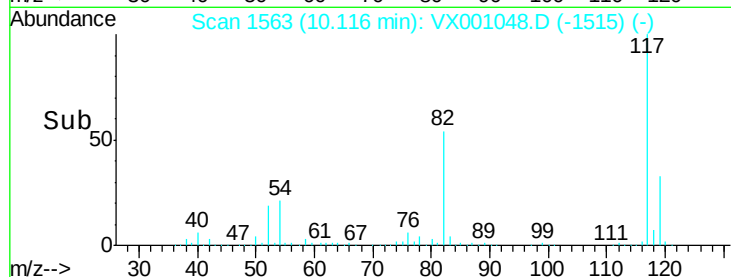
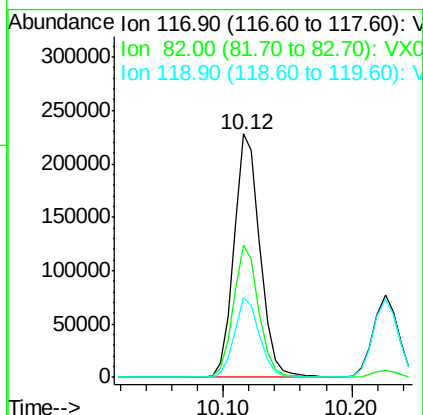
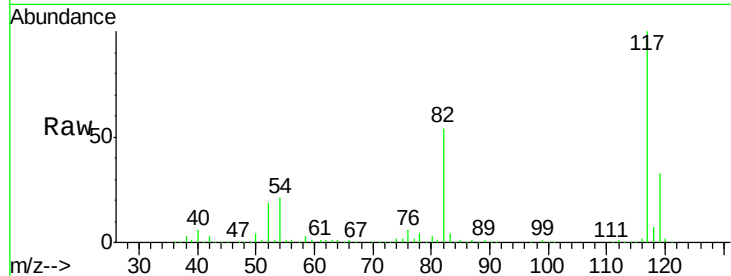




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.01 min
Lab File: VX001048.D
Acq: 23 Apr 2018 10:21

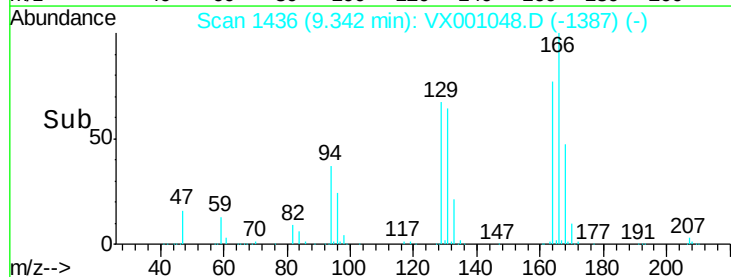
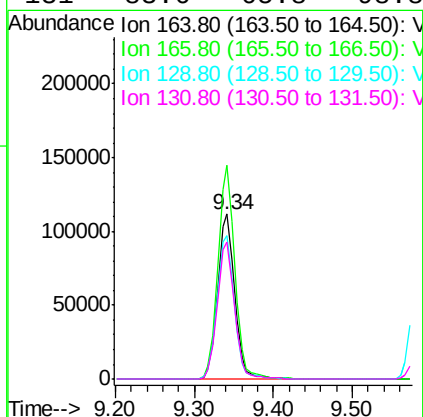
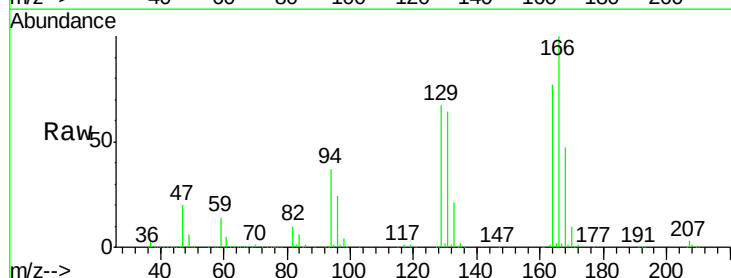
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

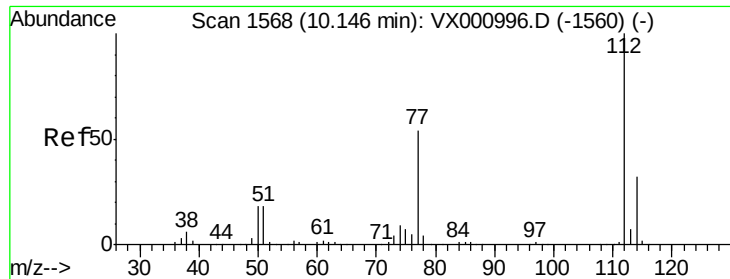
Tgt Ion:117 Resp: 319685
Ion Ratio Lower Upper
117 100
82 54.2 40.6 60.8
119 32.6 26.0 39.0



#64
Tetrachloroethene
Concen: 49.87 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. 0.00 min
Lab File: VX001048.D
Acq: 23 Apr 2018 10:21

Tgt Ion:164 Resp: 169291
Ion Ratio Lower Upper
164 100
166 129.7 103.5 155.3
129 87.4 69.6 104.4
131 83.6 65.8 98.8

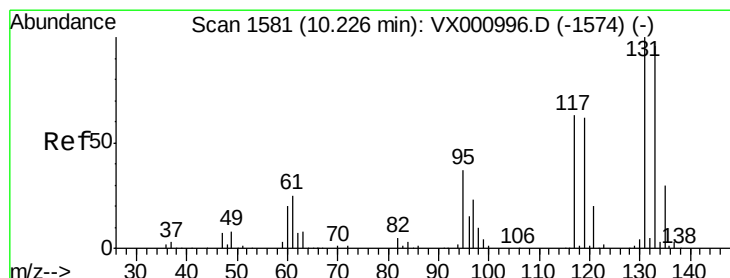
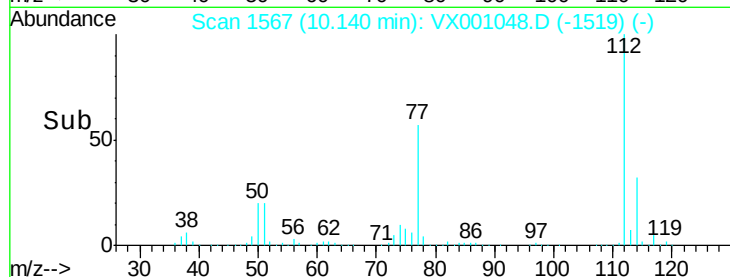
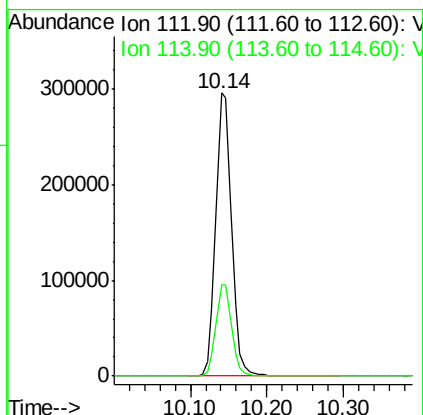
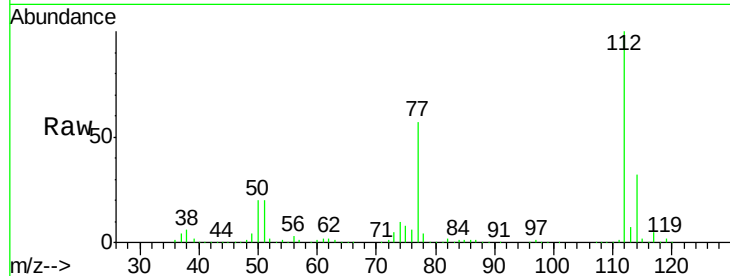




#65
Chlorobenzene
Concen: 49.87 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. -0.01 min
Lab File: VX001048.D
Acq: 23 Apr 2018 10:21

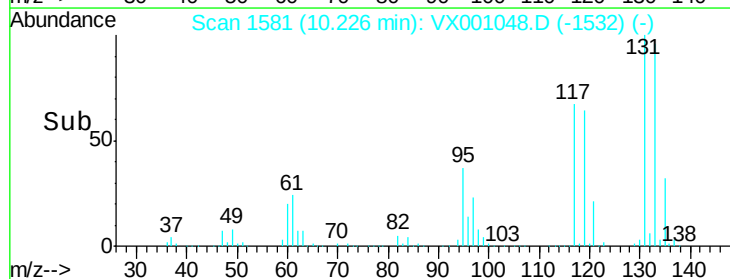
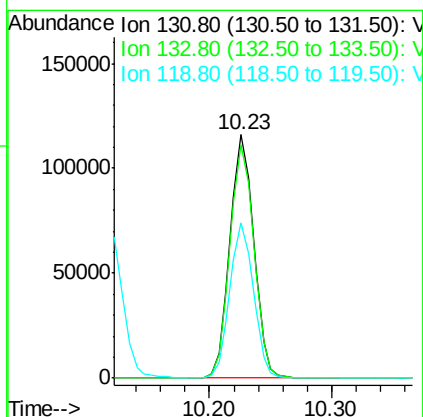
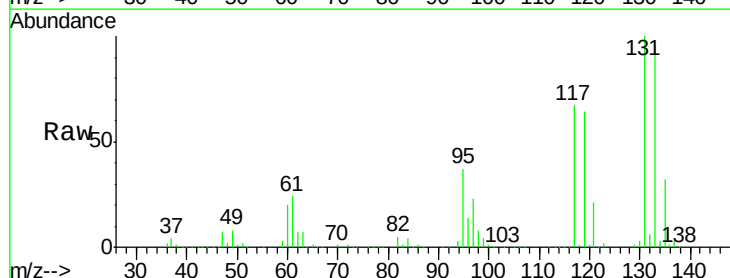
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

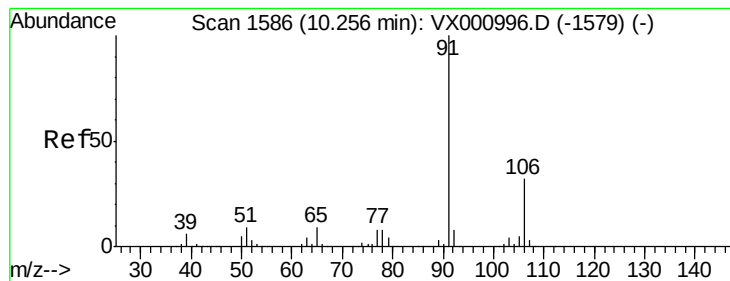
Tgt Ion:112 Resp: 424501
Ion Ratio Lower Upper
112 100
114 32.1 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 53.59 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. 0.00 min
Lab File: VX001048.D
Acq: 23 Apr 2018 10:21

Tgt Ion:131 Resp: 156586
Ion Ratio Lower Upper
131 100
133 96.5 47.6 142.8
119 63.3 31.1 93.2





#67

Ethyl Benzene

Concen: 50.70 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. 0.00 min

Lab File: VX001048.D

Acq: 23 Apr 2018 10:21

Instrument :

MSVOA_X

ClientSampleId :

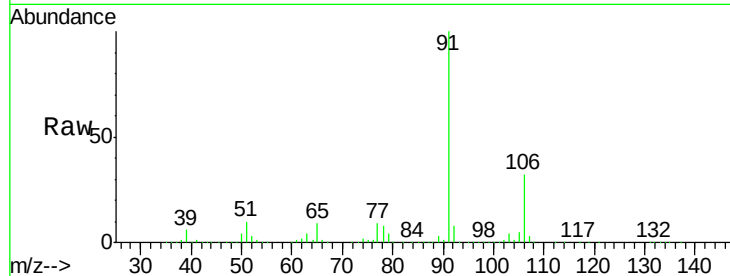
VSTDCCC050

Tgt Ion: 91 Resp: 716732

Ion Ratio Lower Upper

91 100

106 31.9 25.7 38.5



Abundance Ion 91.00 (90.70 to 91.70): VX000996.D (-1579) (-)

Ion 106.00 (105.70 to 106.70): VX000996.D (-1579) (-)

800000

600000

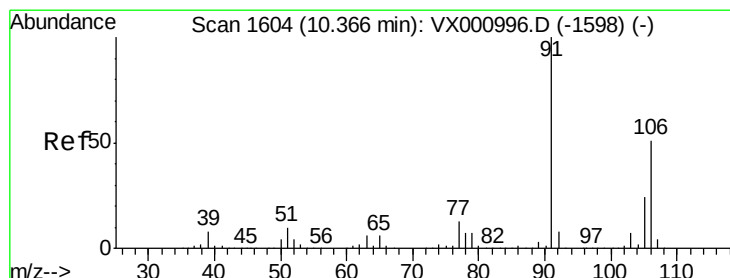
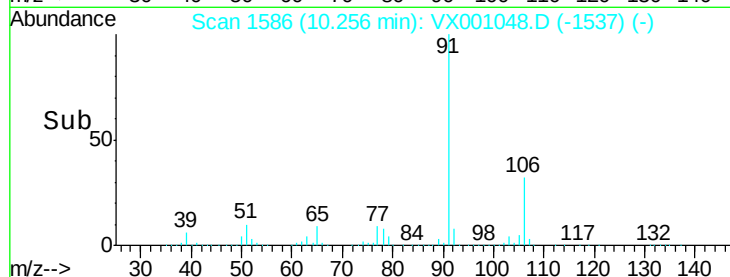
400000

200000

0

10.20 10.25 10.30

Time-->



#68

m/p-Xylenes

Concen: 102.31 ug/l

RT: 10.37 min Scan# 1604

Delta R.T. 0.00 min

Lab File: VX001048.D

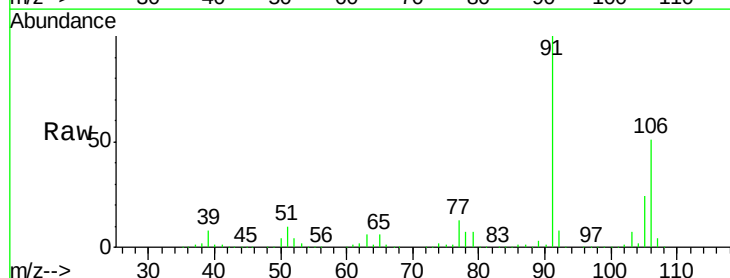
Acq: 23 Apr 2018 10:21

Tgt Ion: 106 Resp: 570020

Ion Ratio Lower Upper

106 100

91 199.3 159.3 238.9



Abundance Ion 106.00 (105.70 to 106.70): VX000996.D (-1598) (-)

Ion 91.00 (90.70 to 91.70): VX000996.D (-1598) (-)

800000

600000

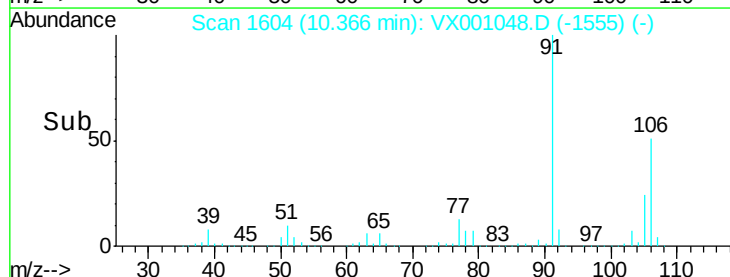
400000

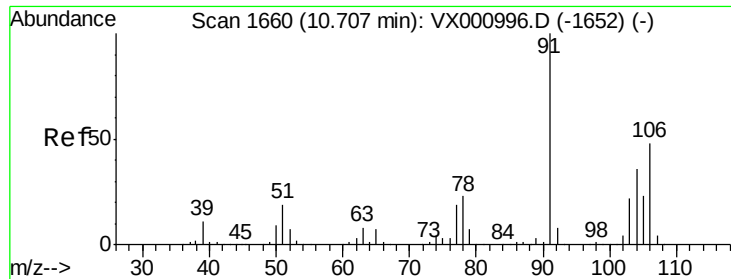
200000

0

10.30 10.35 10.40 10.45 10.50

Time-->

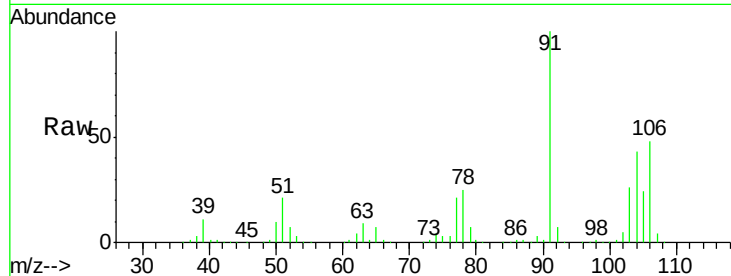




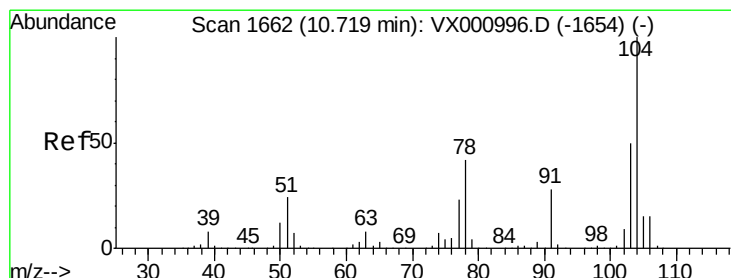
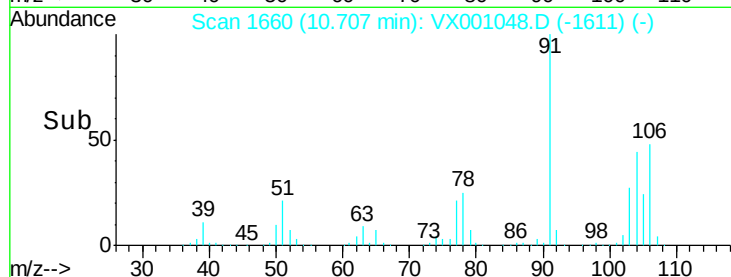
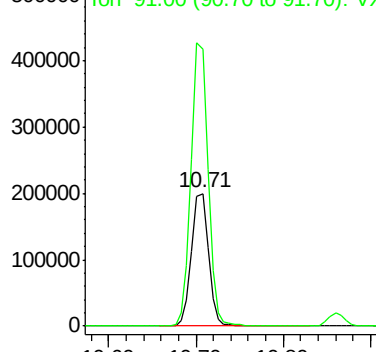
#69
o-Xylene
Concen: 50.65 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. 0.00 min
Lab File: VX001048.D
Acq: 23 Apr 2018 10:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 272083
Ion Ratio Lower Upper
106 100
91 211.5 105.1 315.1

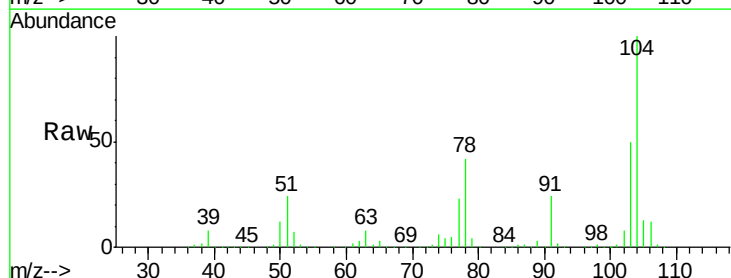


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

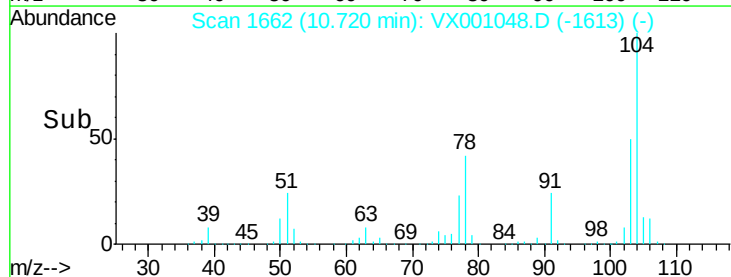
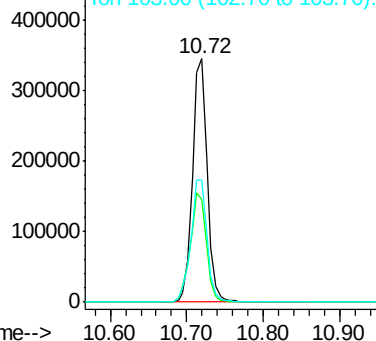


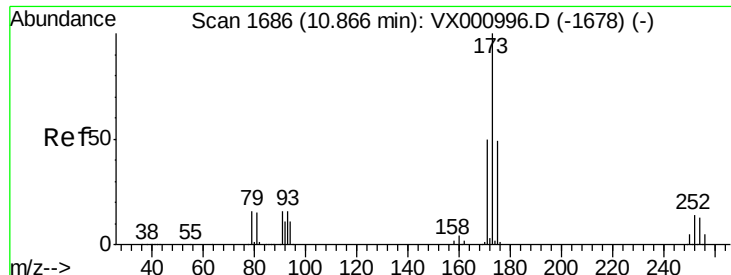
#70
Styrene
Concen: 51.85 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. 0.00 min
Lab File: VX001048.D
Acq: 23 Apr 2018 10:21

Tgt Ion:104 Resp: 458668
Ion Ratio Lower Upper
104 100
78 49.5 39.4 59.2
103 55.5 44.2 66.2



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

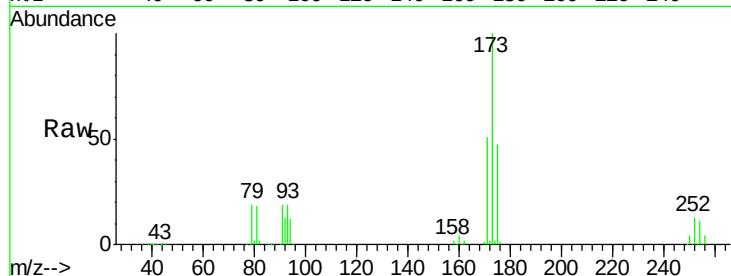




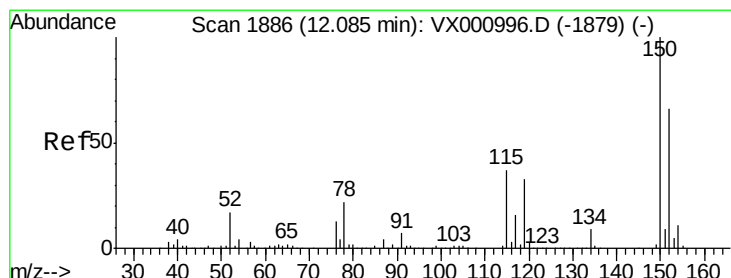
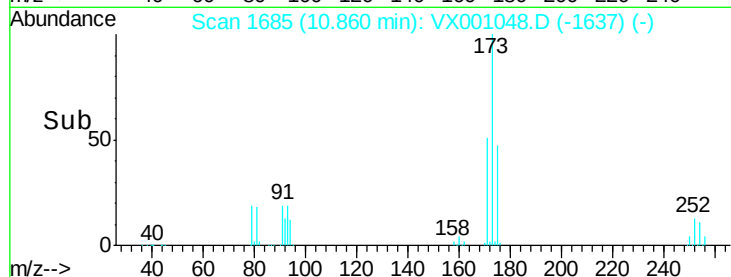
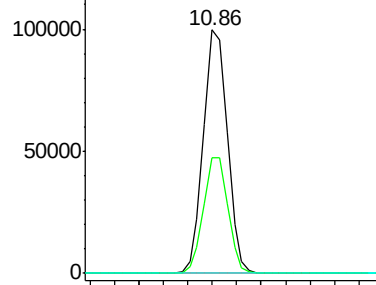
#71
Bromoform
Concen: 49.63 ug/l
RT: 10.86 min Scan# 1685
Delta R.T. -0.01 min
Lab File: VX001048.D
Acq: 23 Apr 2018 10:21

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tgt Ion:173 Resp: 134934
Ion Ratio Lower Upper
173 100
175 48.6 24.8 74.3
254 0.2 0.2 0.2

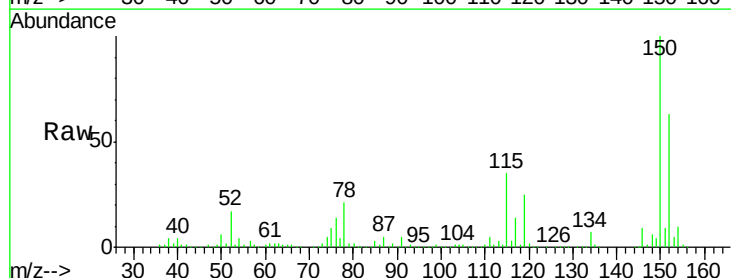


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

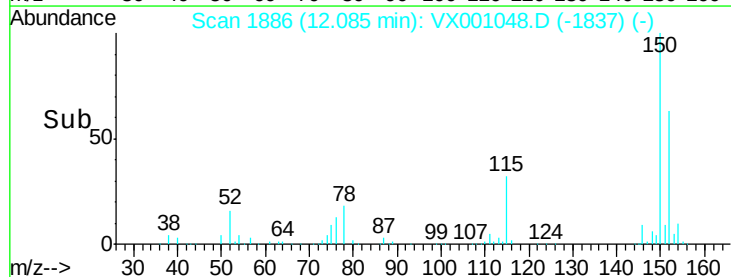
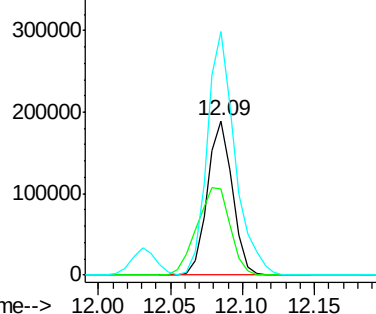


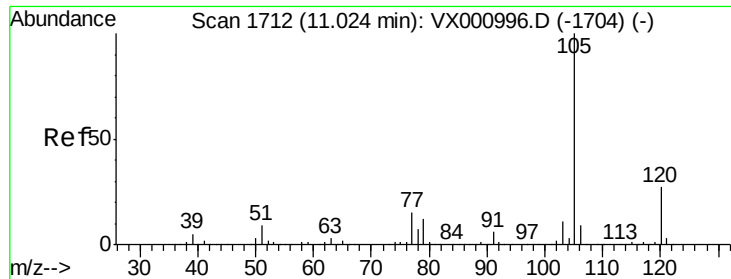
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX001048.D
Acq: 23 Apr 2018 10:21

Tgt Ion:152 Resp: 227991
Ion Ratio Lower Upper
152 100
115 76.6 38.2 114.6
150 175.1 0.0 350.4



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V

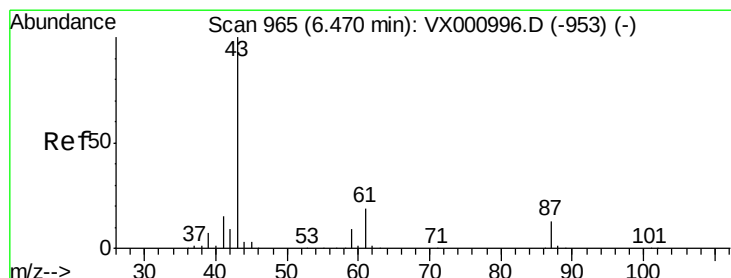
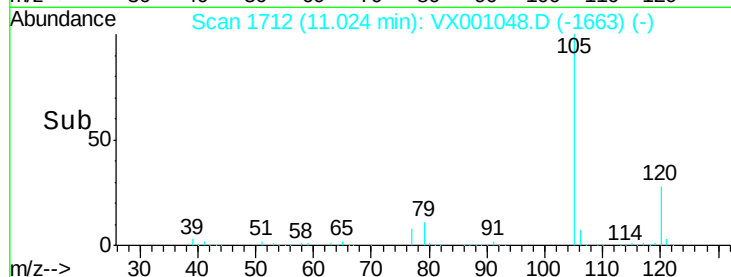
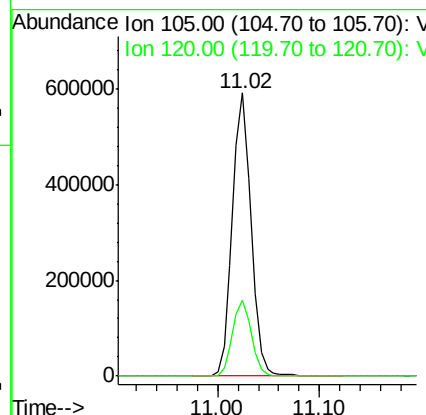
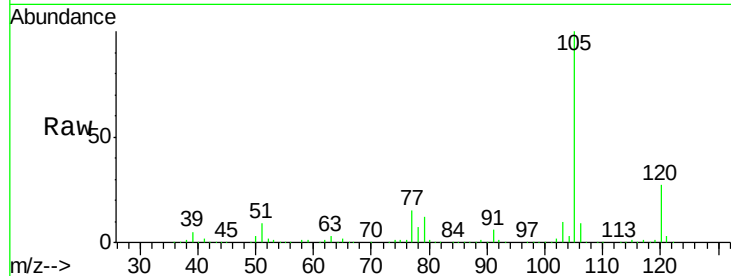




#73
Isopropylbenzene
Concen: 50.21 ug/l
RT: 11.02 min Scan# 1712
Delta R.T. 0.00 min
Lab File: VX001048.D
Acq: 23 Apr 2018 10:21

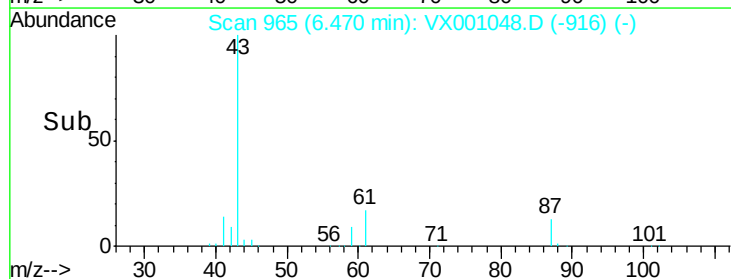
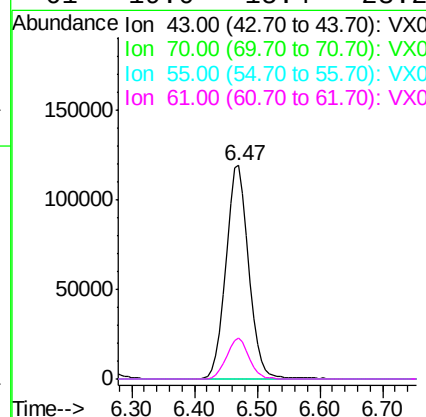
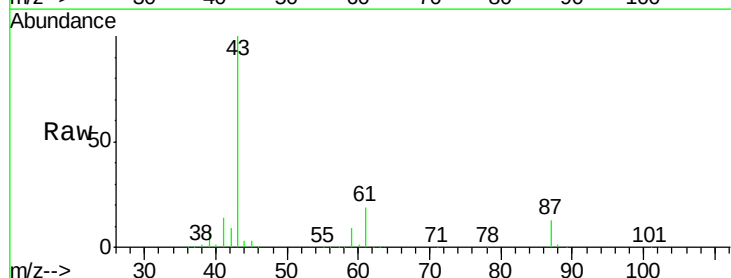
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

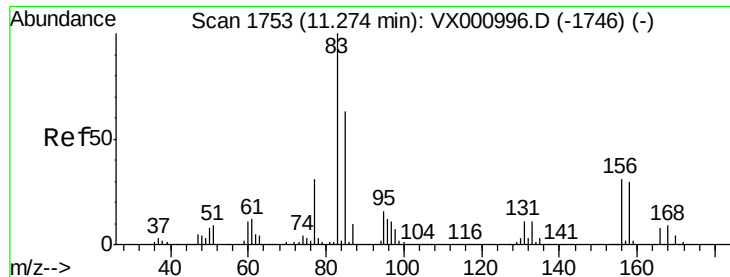
Tgt Ion: 105 Resp: 748446
Ion Ratio Lower Upper
105 100
120 27.3 13.4 40.2



#74
N-ethyl acetate
Concen: 46.89 ug/l
RT: 6.47 min Scan# 965
Delta R.T. 0.00 min
Lab File: VX001048.D
Acq: 23 Apr 2018 10:21

Tgt Ion: 43 Resp: 298996
Ion Ratio Lower Upper
43 100
70 0.0 0.0 0.0
55 0.1 0.1 0.1
61 19.0 15.4 23.2





#75

1,1,2,2-Tetrachloroethane

Concen: 47.95 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. 0.00 min

Lab File: VX001048.D

Acq: 23 Apr 2018 10:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

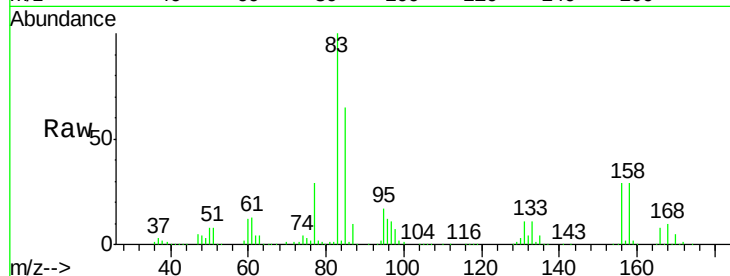
Tgt Ion: 83 Resp: 202316

Ion Ratio Lower Upper

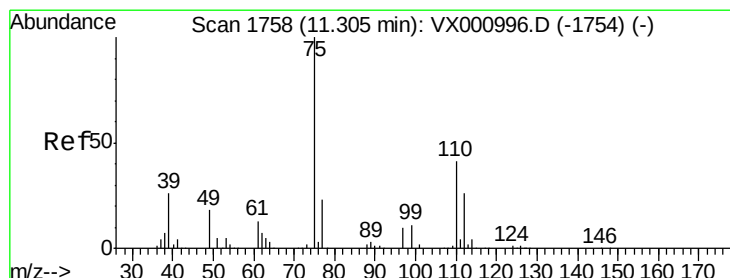
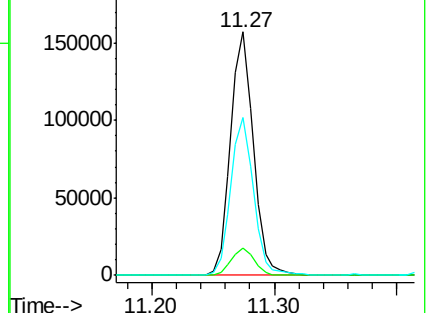
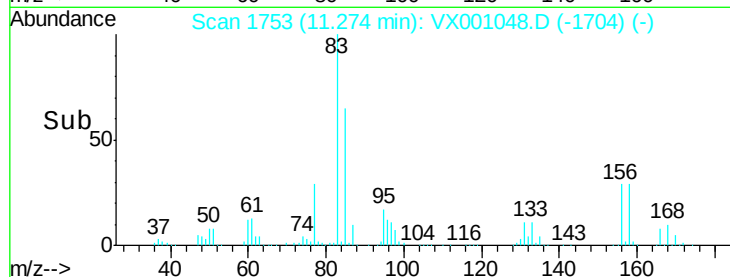
83 100

131 11.4 5.8 17.4

85 64.5 32.0 96.2



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



#76

1,2,3-Trichloropropane

Concen: 59.97 ug/l

RT: 11.30 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VX001048.D

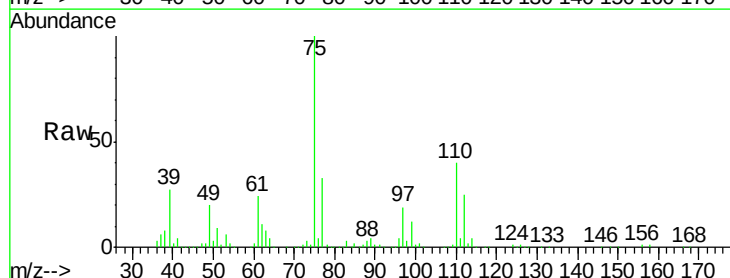
Acq: 23 Apr 2018 10:21

Tgt Ion: 75 Resp: 237216

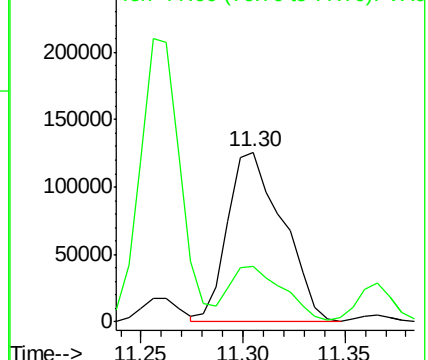
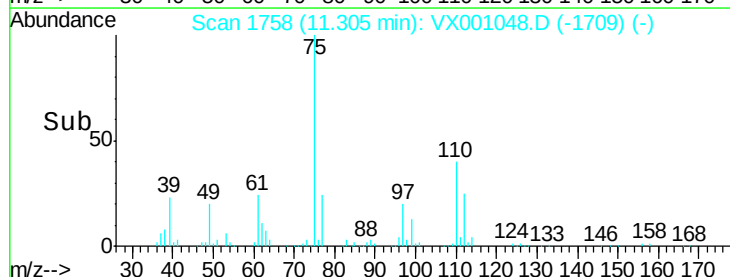
Ion Ratio Lower Upper

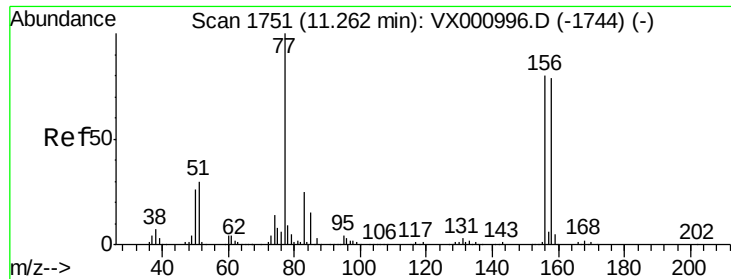
75 100

77 31.4 19.6 58.7



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





#77

Bromobenzene

Concen: 48.89 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. 0.00 min

Lab File: VX001048.D

Acq: 23 Apr 2018 10:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

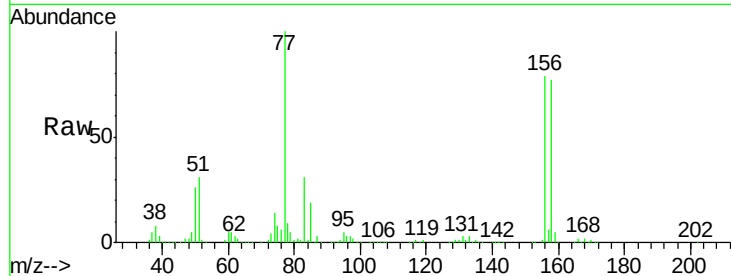
Tgt Ion:156 Resp: 211534

Ion Ratio Lower Upper

156 100

77 135.4 66.3 199.0

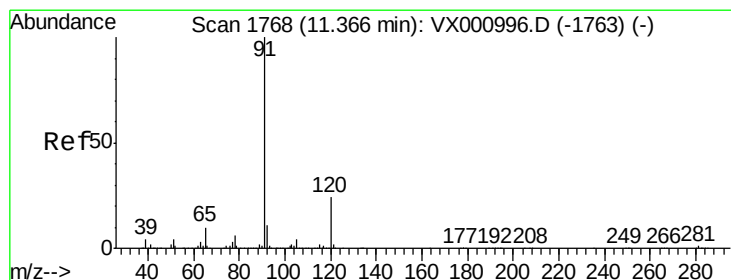
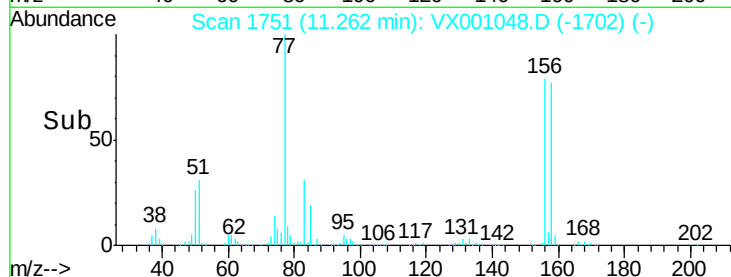
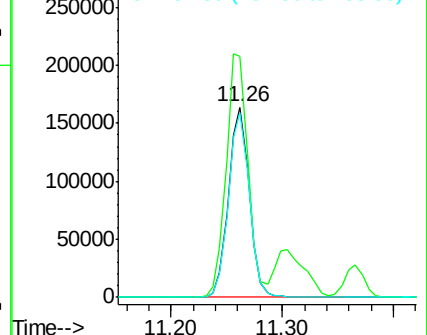
158 97.8 48.9 146.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 50.59 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. 0.00 min

Lab File: VX001048.D

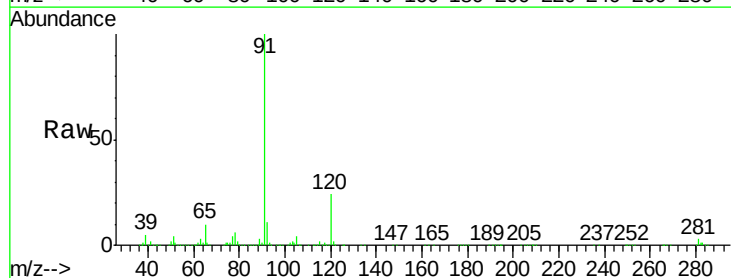
Acq: 23 Apr 2018 10:21

Tgt Ion: 91 Resp: 865689

Ion Ratio Lower Upper

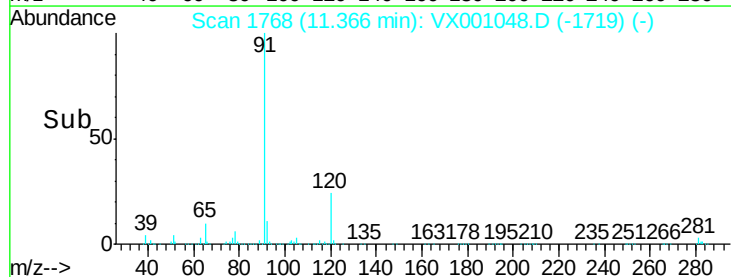
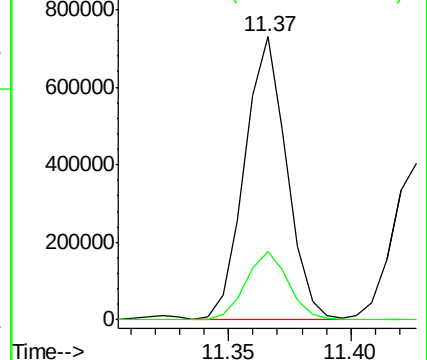
91 100

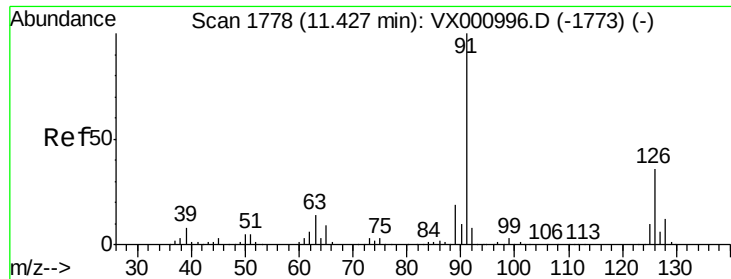
120 24.6 12.4 37.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 49.80 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VX001048.D

Acq: 23 Apr 2018 10:21

Instrument :

MSVOA_X

ClientSampleId :

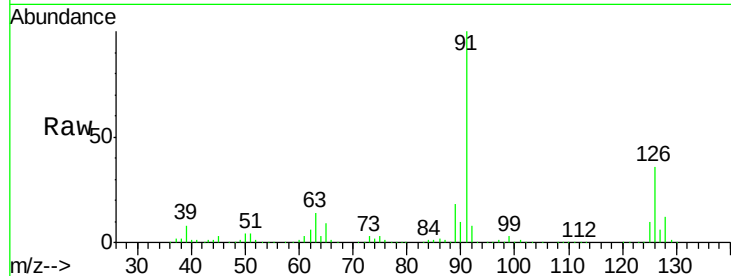
VSTDCCC050

Tgt Ion: 91 Resp: 503553

Ion Ratio Lower Upper

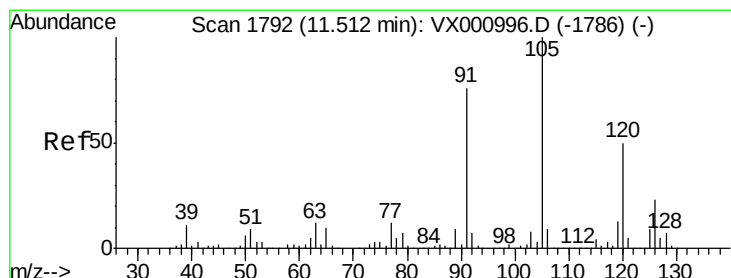
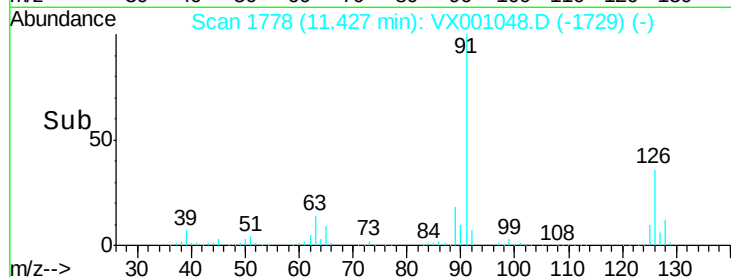
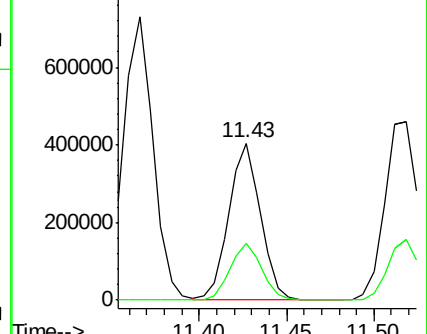
91 100

126 36.7 18.3 54.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 50.78 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX001048.D

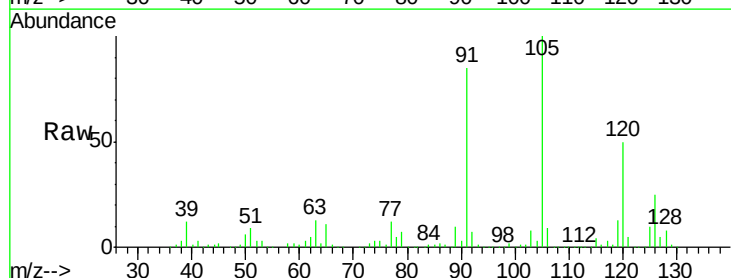
Acq: 23 Apr 2018 10:21

Tgt Ion: 105 Resp: 641546

Ion Ratio Lower Upper

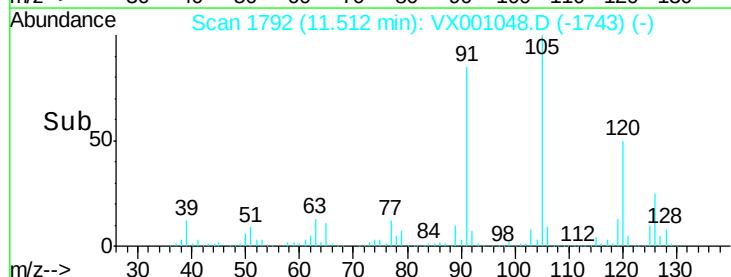
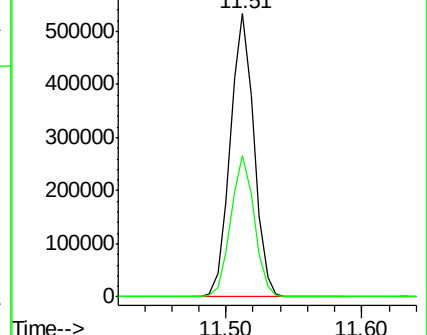
105 100

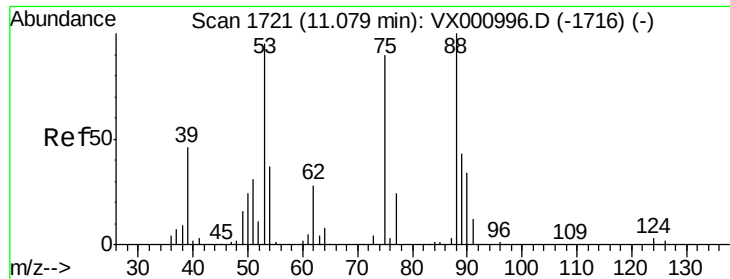
120 49.6 25.0 75.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 48.53 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. 0.00 min

Lab File: VX001048.D

Acq: 23 Apr 2018 10:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

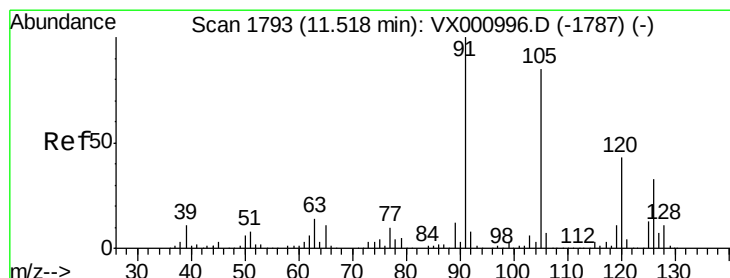
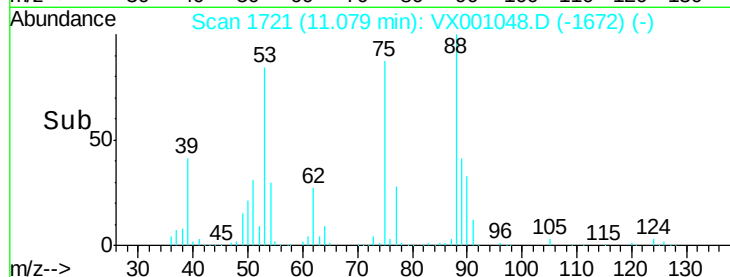
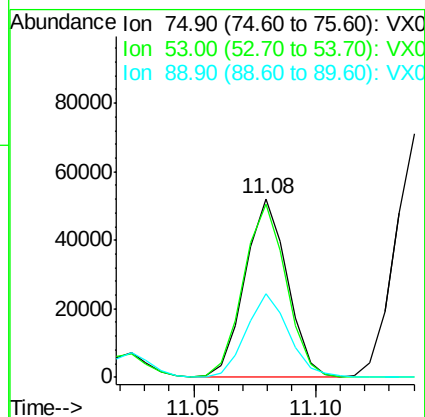
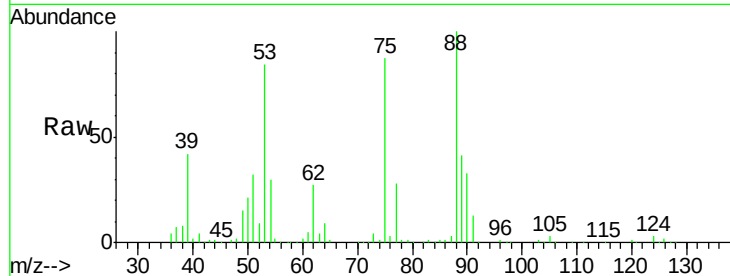
Tgt Ion: 75 Resp: 62431

Ion Ratio Lower Upper

75 100

53 99.0 83.4 125.2

89 47.6 39.7 59.5



#82

4-Chlorotoluene

Concen: 50.10 ug/l

RT: 11.52 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VX001048.D

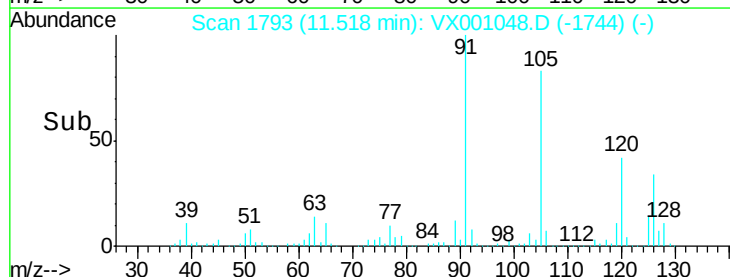
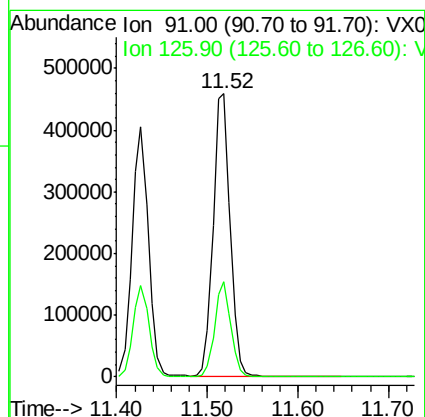
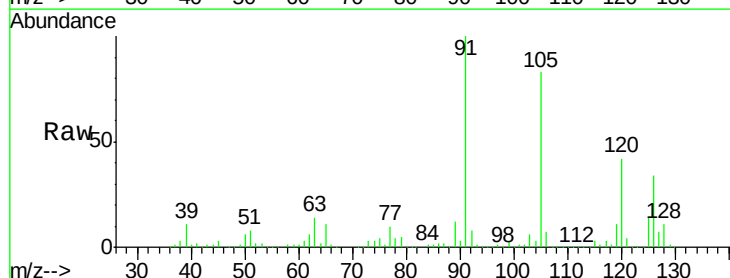
Acq: 23 Apr 2018 10:21

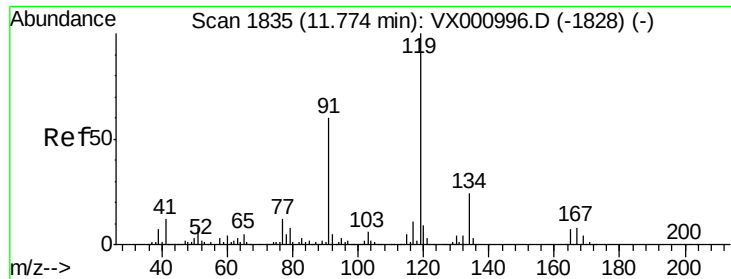
Tgt Ion: 91 Resp: 612072

Ion Ratio Lower Upper

91 100

126 31.7 16.2 48.5

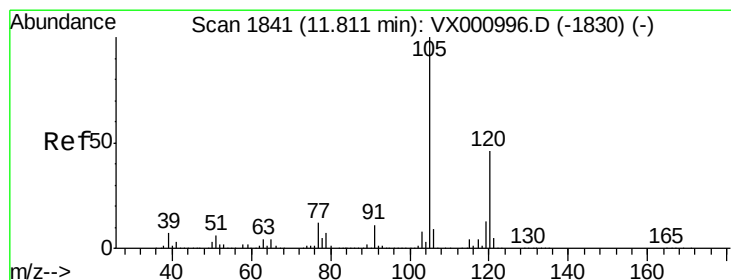
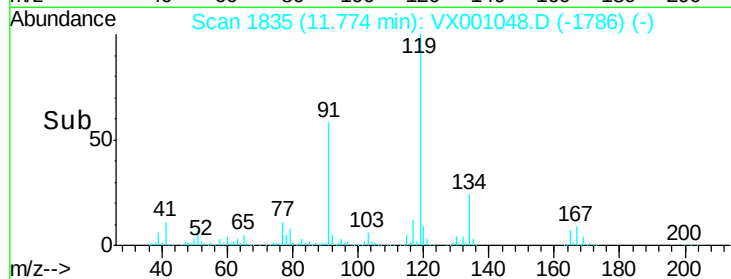
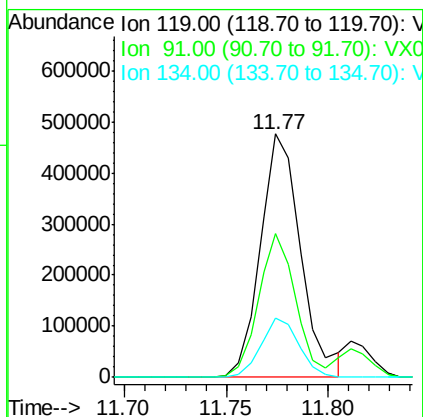
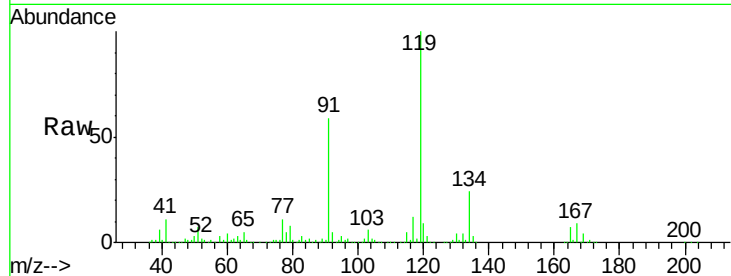




#83
 tert-Butylbenzene
 Concen: 51.47 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. 0.00 min
 Lab File: VX001048.D
 Acq: 23 Apr 2018 10:21

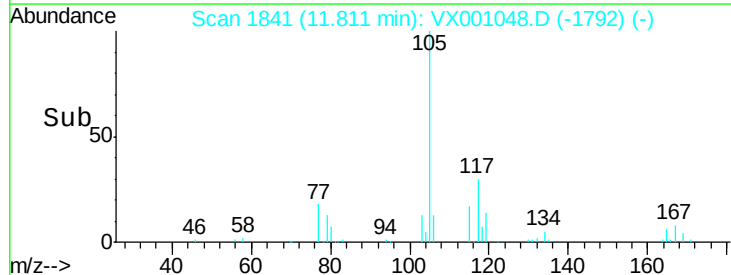
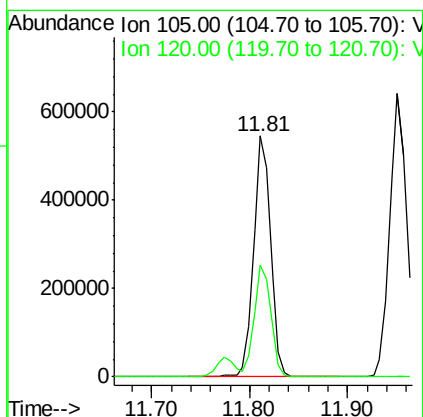
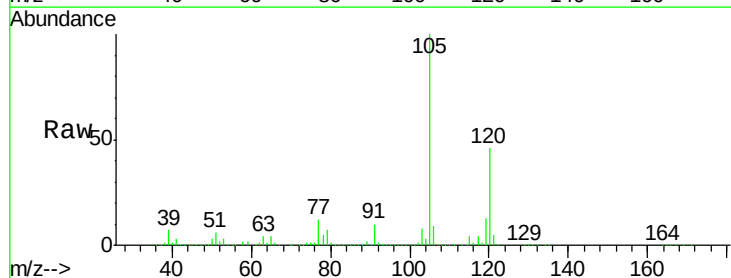
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

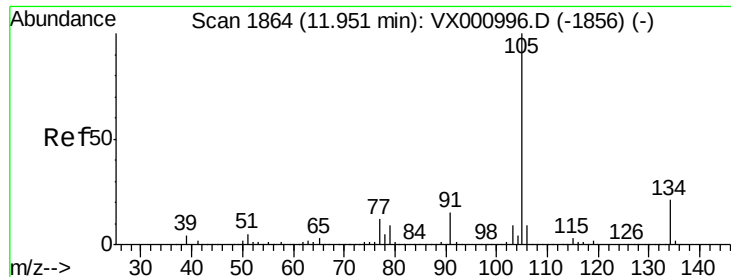
Tgt Ion:119 Resp: 656025
 Ion Ratio Lower Upper
 119 100
 91 54.3 27.0 81.0
 134 23.1 11.6 34.7



#84
 1,2,4-Trimethylbenzene
 Concen: 50.64 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: VX001048.D
 Acq: 23 Apr 2018 10:21

Tgt Ion:105 Resp: 658493
 Ion Ratio Lower Upper
 105 100
 120 45.5 23.0 69.0





#85

sec-Butylbenzene

Concen: 50.76 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VX001048.D

Acq: 23 Apr 2018 10:21

Instrument :

MSVOA_X

ClientSampleId :

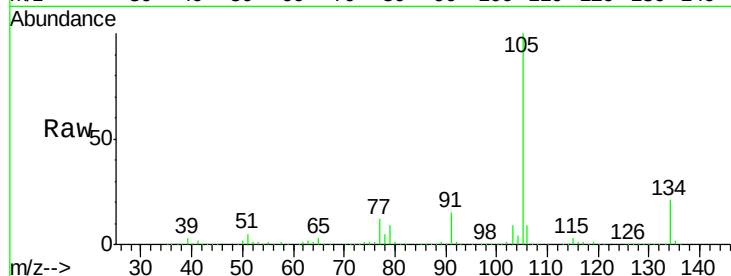
VSTDCCC050

Tgt Ion:105 Resp: 772314

Ion Ratio Lower Upper

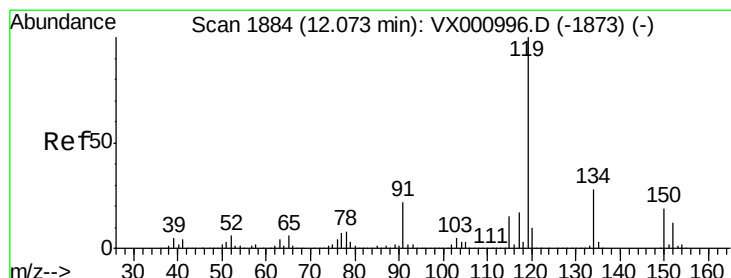
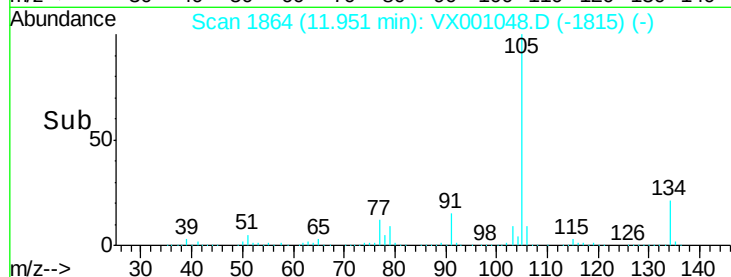
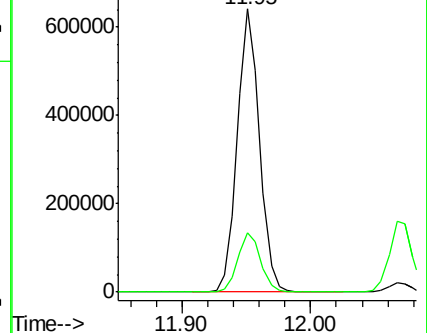
105 100

134 21.5 10.5 31.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 51.05 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. -0.01 min

Lab File: VX001048.D

Acq: 23 Apr 2018 10:21

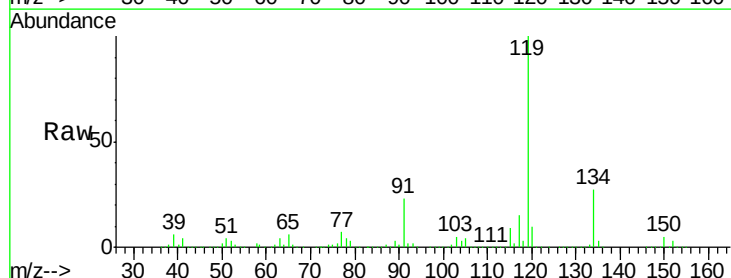
Tgt Ion:119 Resp: 718494

Ion Ratio Lower Upper

119 100

134 27.1 13.5 40.5

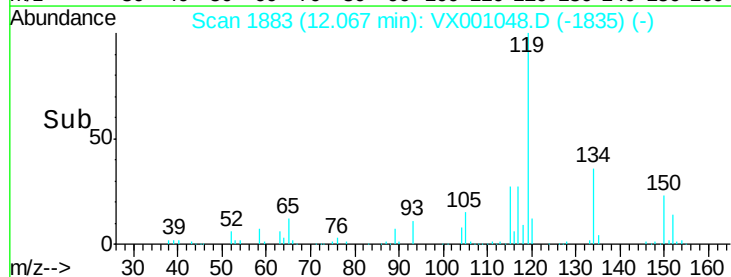
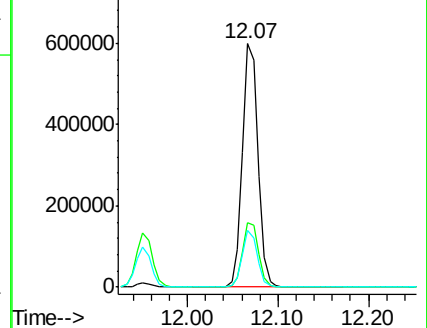
91 22.5 11.4 34.1

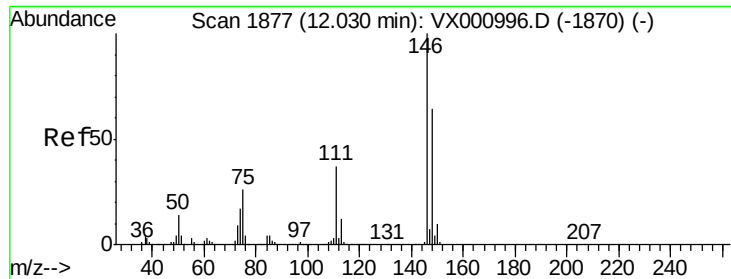


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

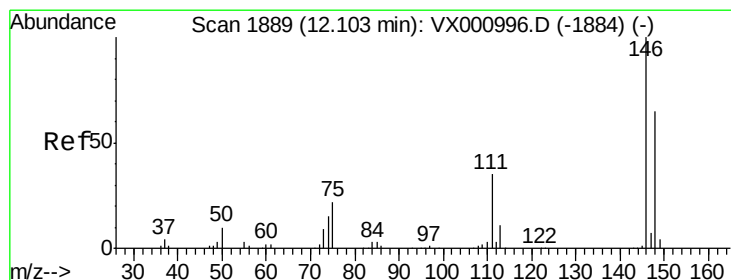
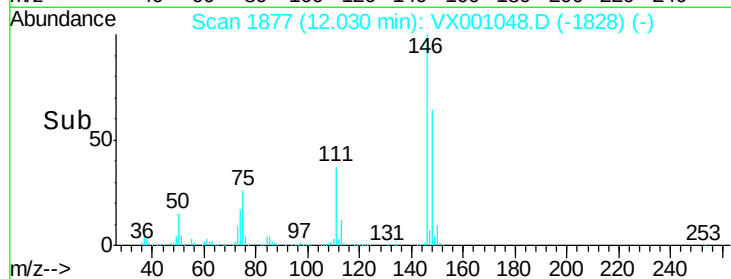
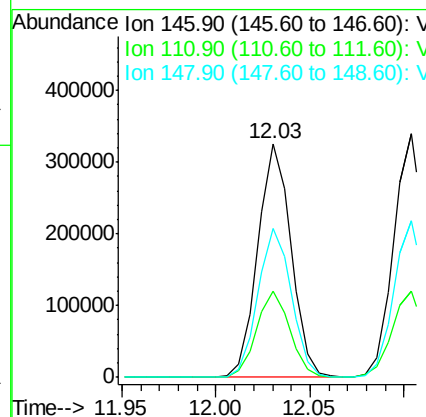
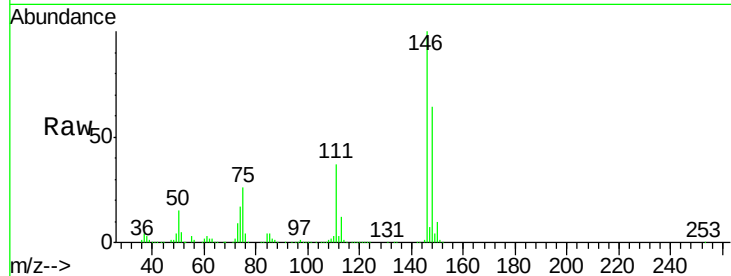




#87
 1,3-Dichlorobenzene
 Concen: 49.27 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. 0.00 min
 Lab File: VX001048.D
 Acq: 23 Apr 2018 10:21

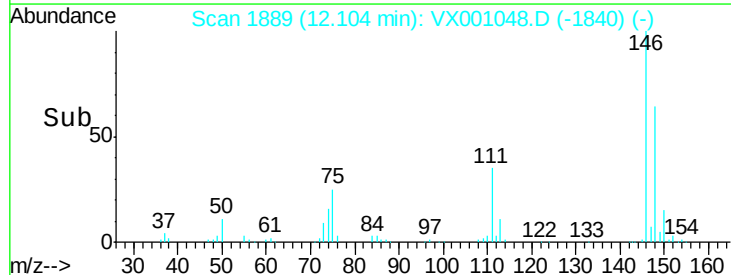
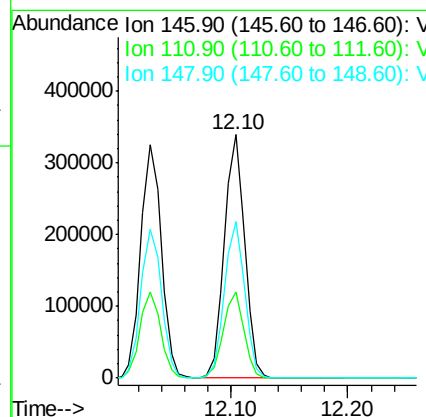
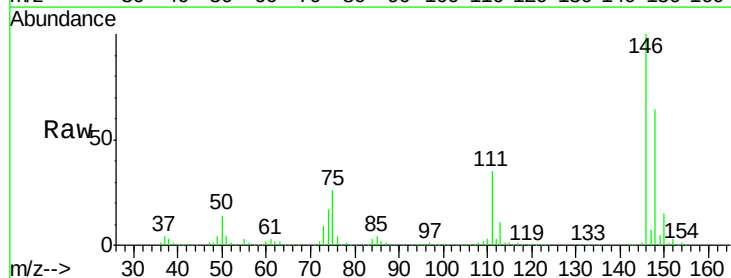
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

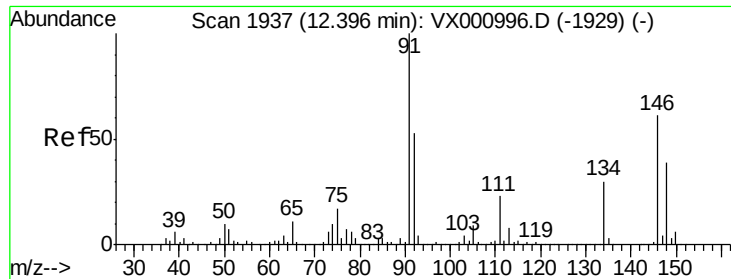
Tgt Ion:146 Resp: 399034
 Ion Ratio Lower Upper
 146 100
 111 36.9 18.3 54.8
 148 64.2 32.2 96.6



#88
 1,4-Dichlorobenzene
 Concen: 49.23 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. 0.00 min
 Lab File: VX001048.D
 Acq: 23 Apr 2018 10:21

Tgt Ion:146 Resp: 409315
 Ion Ratio Lower Upper
 146 100
 111 35.9 18.0 54.0
 148 64.1 32.4 97.0

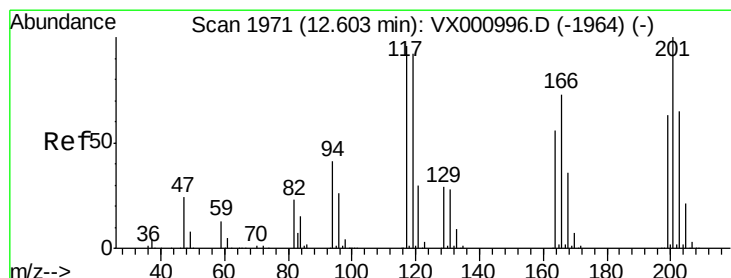
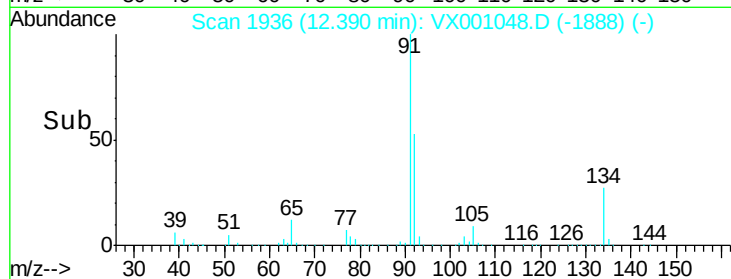
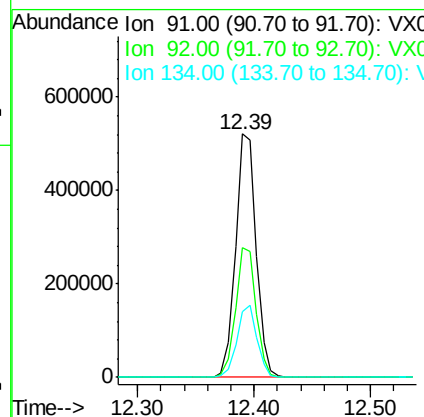
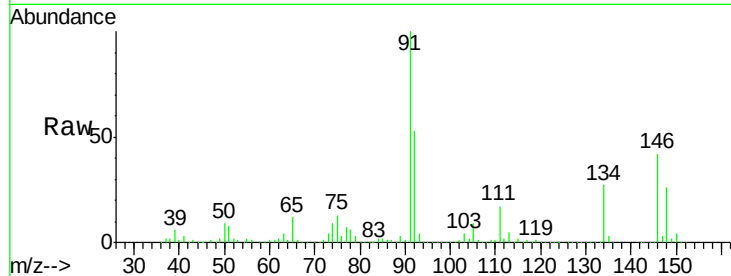




#89
n-Butylbenzene
Concen: 51.02 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. -0.01 min
Lab File: VX001048.D
Acq: 23 Apr 2018 10:21

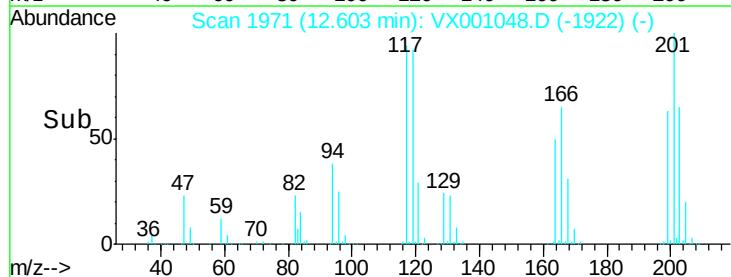
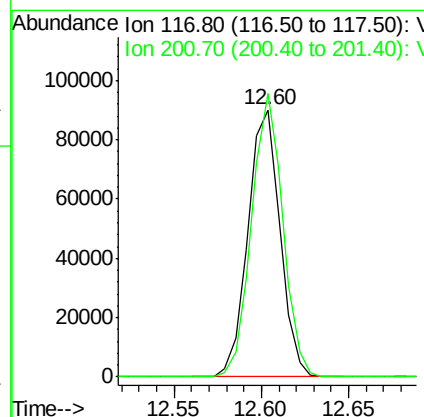
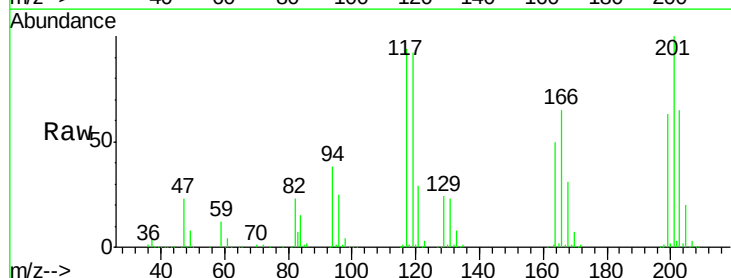
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

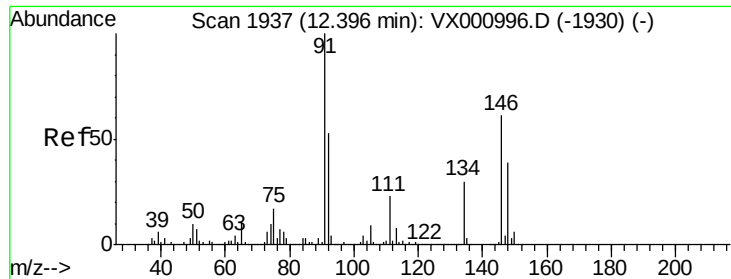
Tgt Ion: 91 Resp: 638901
Ion Ratio Lower Upper
91 100
92 52.9 26.3 78.9
134 28.7 14.4 43.0



#90
Hexachloroethane
Concen: 57.48 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. 0.00 min
Lab File: VX001048.D
Acq: 23 Apr 2018 10:21

Tgt Ion: 117 Resp: 114629
Ion Ratio Lower Upper
117 100
201 103.2 52.3 157.1

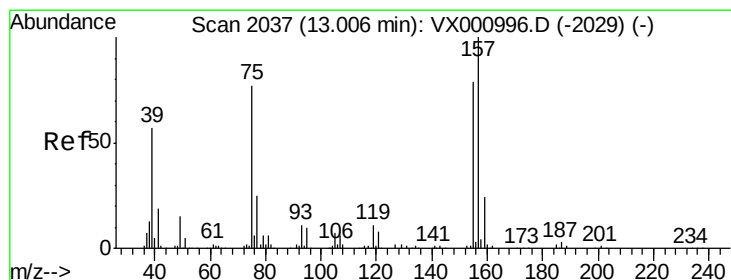
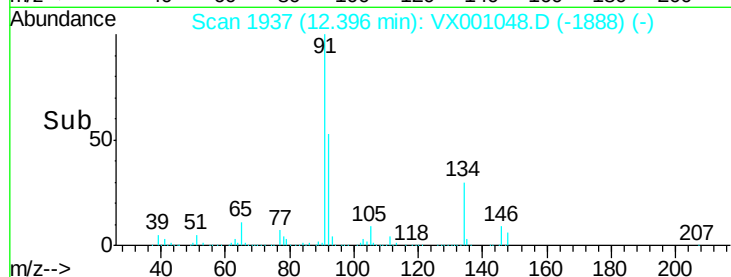
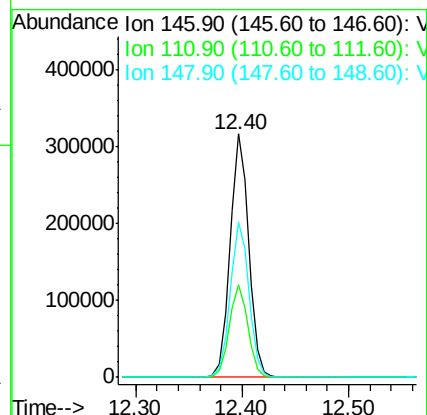
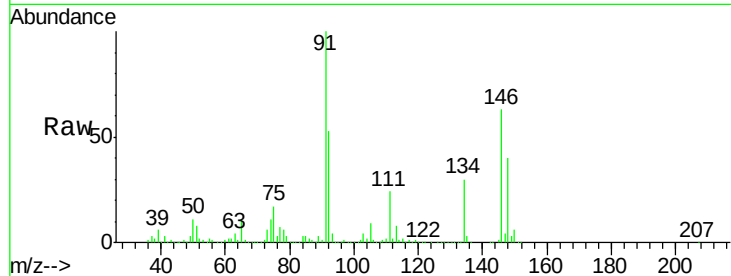




#91
 1,2-Dichlorobenzene
 Concen: 49.38 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. 0.00 min
 Lab File: VX001048.D
 Acq: 23 Apr 2018 10:21

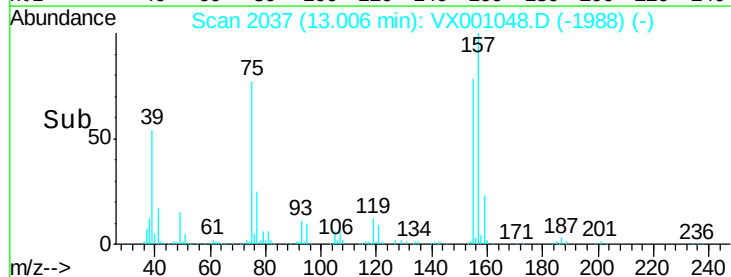
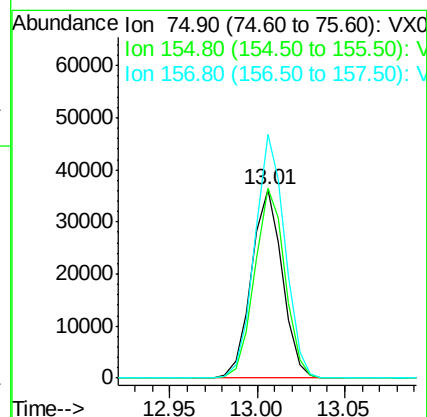
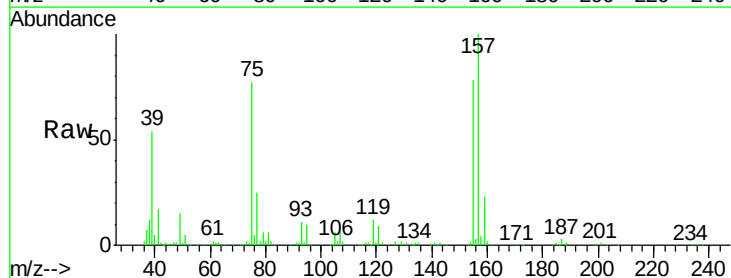
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

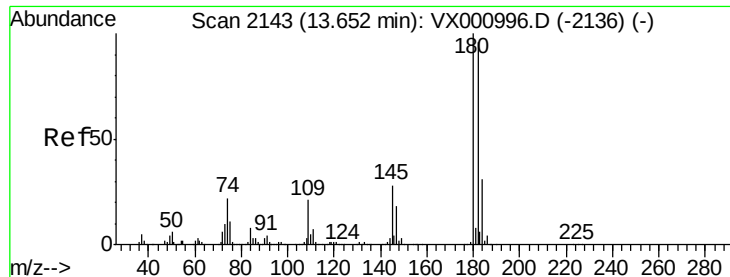
Tgt Ion:146 Resp: 387218
 Ion Ratio Lower Upper
 146 100
 111 37.9 18.6 56.0
 148 64.2 32.3 96.8



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 50.13 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. 0.00 min
 Lab File: VX001048.D
 Acq: 23 Apr 2018 10:21

Tgt Ion: 75 Resp: 44315
 Ion Ratio Lower Upper
 75 100
 155 99.0 51.0 153.0
 157 126.5 64.9 194.7

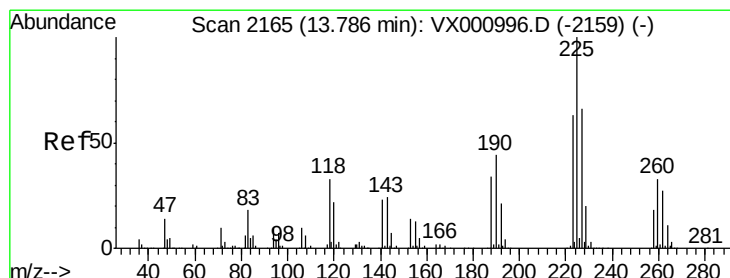
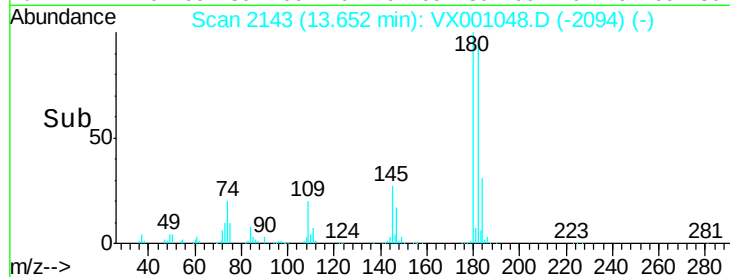
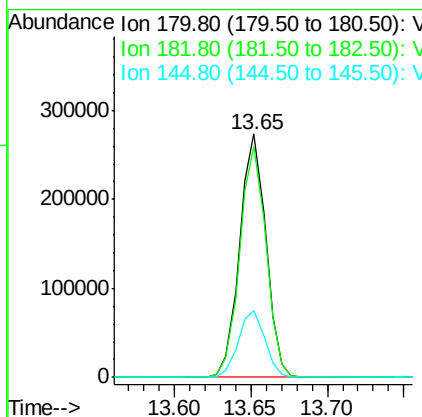
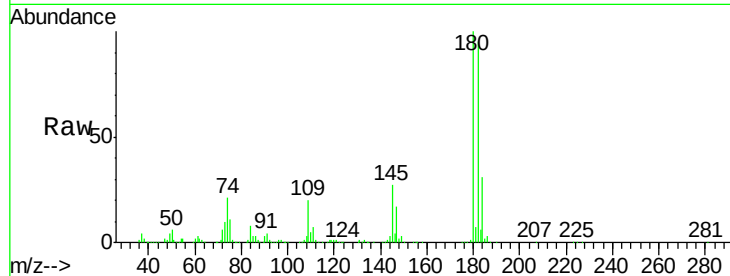




#93
 1,2,4-Trichlorobenzene
 Concen: 49.30 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: VX001048.D
 Acq: 23 Apr 2018 10:21

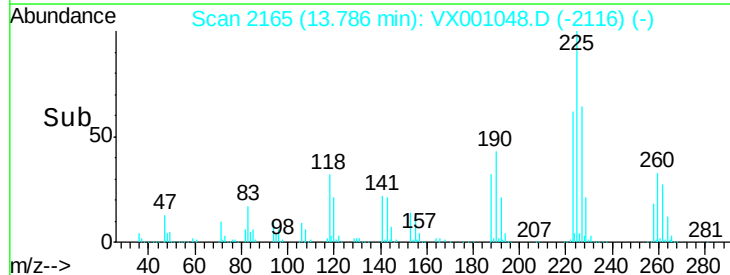
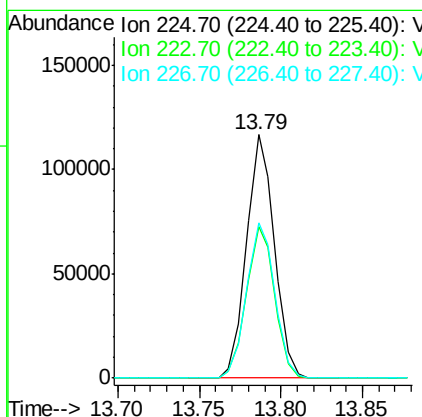
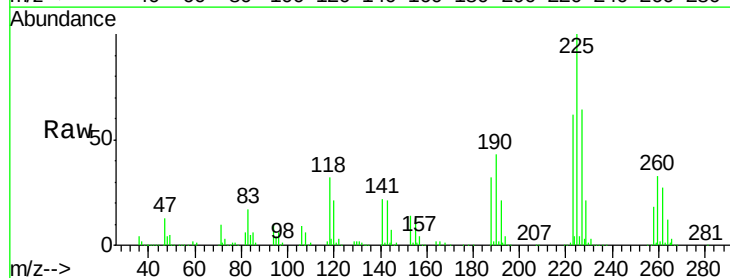
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

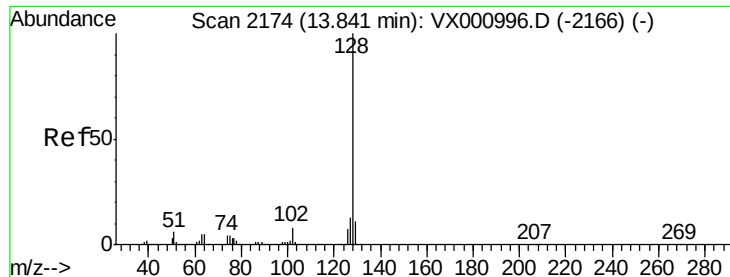
Tgt Ion:180 Resp: 324480
 Ion Ratio Lower Upper
 180 100
 182 95.0 48.0 144.0
 145 27.8 13.9 41.7



#94
 Hexachlorobutadiene
 Concen: 46.77 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VX001048.D
 Acq: 23 Apr 2018 10:21

Tgt Ion:225 Resp: 139313
 Ion Ratio Lower Upper
 225 100
 223 62.9 31.5 94.5
 227 64.7 32.6 97.8

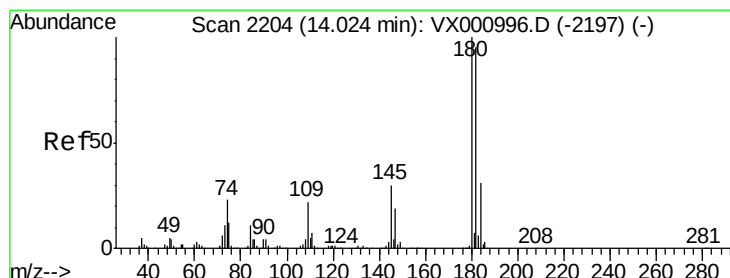
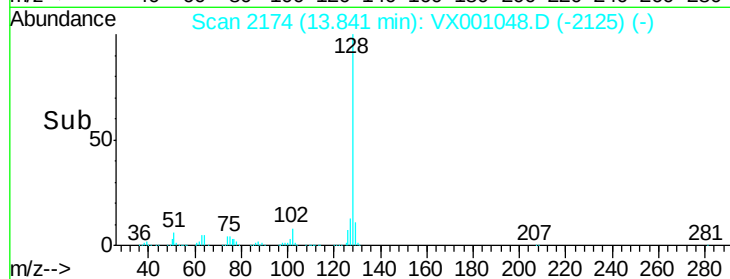
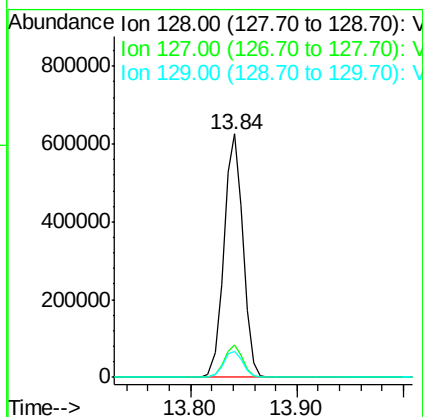
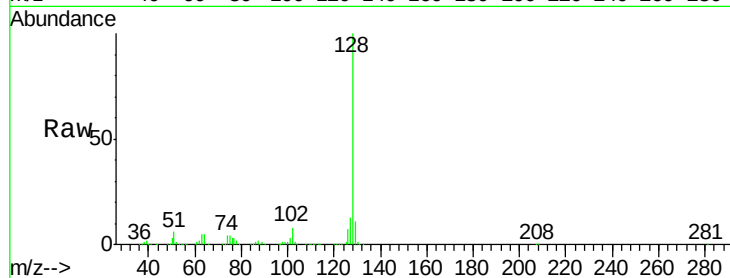




#95
Naphthalene
Concen: 48.01 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. 0.00 min
Lab File: VX001048.D
Acq: 23 Apr 2018 10:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 777160
Ion Ratio Lower Upper
128 100
127 12.9 10.2 15.4
129 10.9 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 48.76 ug/l
RT: 14.02 min Scan# 2204
Delta R.T. 0.00 min
Lab File: VX001048.D
Acq: 23 Apr 2018 10:21

Tgt Ion:180 Resp: 310403
Ion Ratio Lower Upper
180 100
182 95.6 47.9 143.7
145 29.0 14.5 43.6

