

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX041218\
 Data File : VX000816.D
 Acq On : 12 Apr 2018 21:39
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Apr 13 06:57:59 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X041018W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 10 15:49:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	243889	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	330179	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	315108	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	211377	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.08	65	149446	48.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.20%	
35) Dibromofluoromethane	5.51	113	126695	49.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.60%	
50) Toluene-d8	8.73	98	465567	49.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.30%	
62) 4-Bromofluorobenzene	11.15	95	188751	48.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.34%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	131920	47.92	ug/l	98
3) Chloromethane	1.32	50	108359	45.91	ug/l	100
4) Vinyl Chloride	1.40	62	129904	48.93	ug/l	98
5) Bromomethane	1.64	94	53445	48.59	ug/l	100
6) Chloroethane	1.73	64	80636	50.11	ug/l	100
7) Trichlorofluoromethane	1.93	101	189261	47.25	ug/l	100
8) Diethyl Ether	2.20	74	72849	48.68	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.39	101	111137	47.05	ug/l	99
10) Methyl Iodide	2.51	142	60580	35.76	ug/l	100
11) Tert butyl alcohol	3.08	59	126264	231.26	ug/l	100
12) 1,1-Dichloroethene	2.38	96	106246	47.46	ug/l	99
13) Acrolein	2.30	56	48869	184.31	ug/l	95
14) Allyl chloride	2.73	41	197076	47.61	ug/l	98
15) Acrylonitrile	3.16	53	302332	259.73	ug/l	99
16) Acetone	2.45	43	240052	226.36	ug/l	98
17) Carbon Disulfide	2.57	76	296308	43.71	ug/l	100
18) Methyl Acetate	2.79	43	146052	53.22	ug/l	98
19) Methyl tert-butyl Ether	3.21	73	364430	48.88	ug/l	100
20) Methylene Chloride	2.86	84	118206	47.92	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	115094	46.63	ug/l	98
22) Diisopropyl ether	3.88	45	387233	50.91	ug/l	97
23) Vinyl Acetate	3.84	43	1696575	254.04	ug/l	99
24) 1,1-Dichloroethane	3.70	63	216283	50.67	ug/l	99
25) 2-Butanone	4.72	43	432330	246.87	ug/l	99
26) 2,2-Dichloropropane	4.59	77	176186	41.59	ug/l	98
27) cis-1,2-Dichloroethene	4.61	96	138732	49.52	ug/l	98
28) Bromochloromethane	5.03	49	86767	50.48	ug/l	100
29) Tetrahydrofuran	5.18	42	279351	251.23	ug/l	100
30) Chloroform	5.23	83	225917	49.99	ug/l	97
31) Cyclohexane	5.58	56	189999	46.87	ug/l	99
32) 1,1,1-Trichloroethane	5.51	97	208586	48.45	ug/l	100
36) 1,1-Dichloropropene	5.81	75	168628	46.37	ug/l	99
37) Ethyl Acetate	4.87	43	175450	49.42	ug/l	99
38) Carbon Tetrachloride	5.79	117	188387	46.29	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	195485	44.77	ug/l	100
40) Benzene	6.15	78	489359	48.43	ug/l	99
41) Methacrylonitrile	5.07	41	101155	49.32	ug/l	99
42) 1,2-Dichloroethane	6.21	62	182826	48.45	ug/l	100
43) Isopropyl Acetate	6.48	43	294245	48.35	ug/l	100
44) Trichloroethene	7.22	130	149449	47.56	ug/l	98
45) 1,2-Dichloropropane	7.52	63	127000	49.36	ug/l	98
46) Dibromomethane	7.67	93	87541	48.80	ug/l	100
47) Bromodichloromethane	7.91	83	174470	48.19	ug/l	99
48) Methyl methacrylate	7.79	41	153806	48.75	ug/l	99
49) 1,4-Dioxane	7.77	88	58950	929.85	ug/l	100
51) 4-Methyl-2-Pentanone	8.66	43	893170	249.84	ug/l	98
52) Toluene	8.79	92	320489	47.81	ug/l	100
53) t-1,3-Dichloropropene	8.45	75	207586	47.80	ug/l	98
54) cis-1,3-Dichloropropene	9.05	75	198302	46.90	ug/l	99
55) 1,1,2-Trichloroethane	9.23	97	128764	48.39	ug/l	99
56) Ethyl methacrylate	9.19	69	199810	48.67	ug/l	99
57) 1,3-Dichloropropane	9.38	76	211323	49.95	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	473868	247.07	ug/l	100
59) 2-Hexanone	9.51	43	669142	242.45	ug/l	100
60) Dibromochloromethane	9.59	129	153123	48.09	ug/l	100
61) 1,2-Dibromoethane	9.68	107	139958	49.58	ug/l	99
64) Tetrachloroethene	9.34	164	148232	48.11	ug/l	99
65) Chlorobenzene	10.15	112	380571	48.01	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	142651	47.81	ug/l	99
67) Ethyl Benzene	10.26	91	629186	47.61	ug/l	100
68) m/p-Xylenes	10.37	106	494700	94.84	ug/l	100
69) o-Xylene	10.71	106	240925	47.92	ug/l	100
70) Styrene	10.72	104	407559	48.08	ug/l	100
71) Bromoform	10.87	173	130562	47.26	ug/l	100
73) Isopropylbenzene	11.02	105	649719	48.45	ug/l	100
74) N-amyl acetate	6.48	43	294245	48.73	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	191615	49.24	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	227129	62.31	ug/l	85
77) Bromobenzene	11.26	156	190032	48.36	ug/l	99
78) n-propylbenzene	11.37	91	729475	47.56	ug/l	100
79) 2-Chlorotoluene	11.43	91	434563	47.94	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	550687	47.75	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	59155	44.64	ug/l	97
82) 4-Chlorotoluene	11.52	91	517935	47.33	ug/l	100
83) tert-Butylbenzene	11.77	119	567001	48.06	ug/l	100
84) 1,2,4-Trimethylbenzene	11.82	105	567601	47.68	ug/l	99
85) sec-Butylbenzene	11.95	105	660833	47.48	ug/l	100
86) p-Isopropyltoluene	12.07	119	613497	47.27	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	345494	47.50	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	352085	47.23	ug/l	99
89) n-Butylbenzene	12.40	91	528233	46.11	ug/l	100
90) Hexachloroethane	12.60	117	99858	45.47	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	342838	48.82	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	45136	46.29	ug/l	99

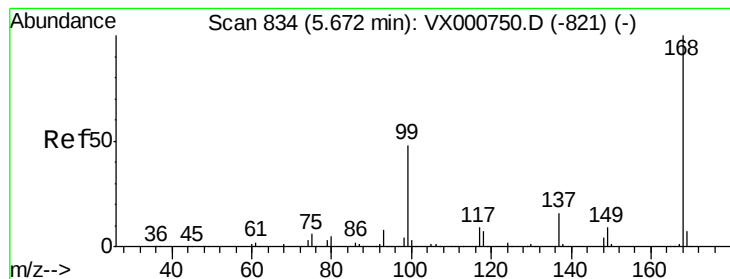
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	281133	46.92	ug/l	99
94) Hexachlorobutadiene	13.79	225	135671	46.05	ug/l	100
95) Naphthalene	13.84	128	764264	49.69	ug/l	100
96) 1,2,3-Trichlorobenzene	14.03	180	280764	48.24	ug/l	99

(#) = 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: VX000816.D

Acq: 12 Apr 2018 21:39

Instrument :

MSVOA_X

ClientSampleId :

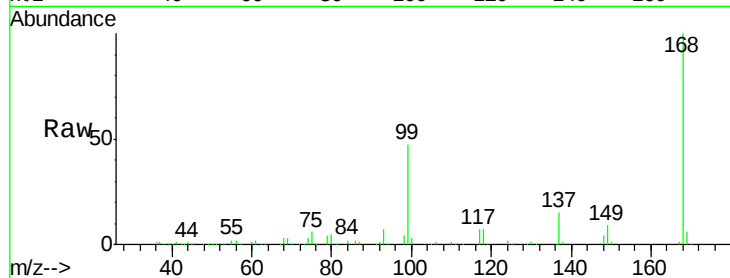
VSTDCCC050

Tgt Ion:168 Resp: 243889

Ion Ratio Lower Upper

168 100

99 46.9 38.3 57.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

60000

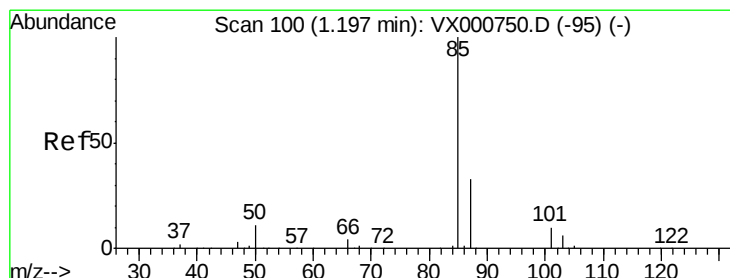
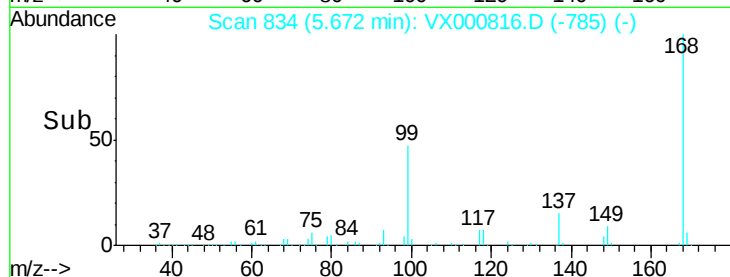
40000

20000

0

5.50 5.60 5.70 5.80 5.90

Time-->



#2

Dichlorodifluoromethane

Concen: 47.92 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX000816.D

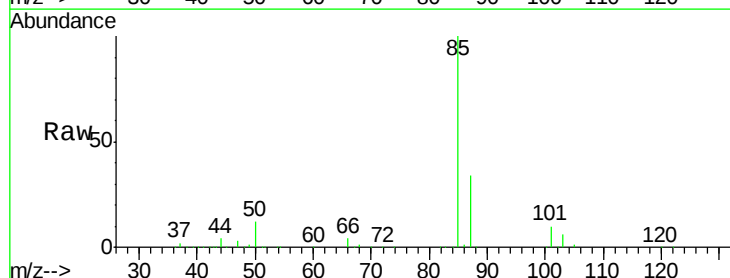
Acq: 12 Apr 2018 21:39

Tgt Ion: 85 Resp: 131920

Ion Ratio Lower Upper

85 100

87 33.8 16.3 48.8



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

150000

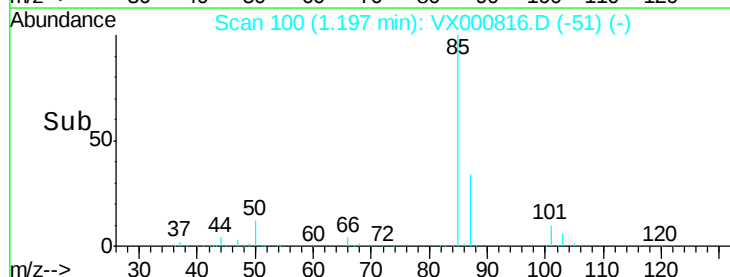
100000

50000

0

1.10 1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 45.91 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX000816.D

Acq: 12 Apr 2018 21:39

Instrument :

MSVOA_X

ClientSampleId :

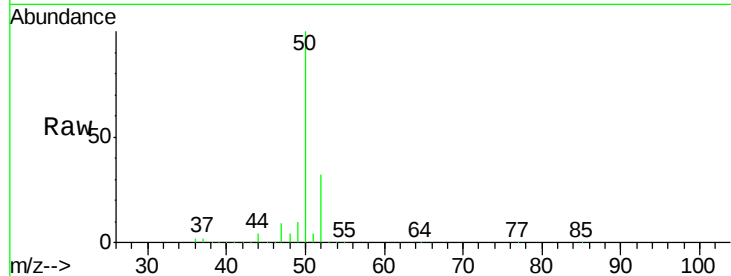
VSTDCCC050

Tgt Ion: 50 Resp: 108359

Ion Ratio Lower Upper

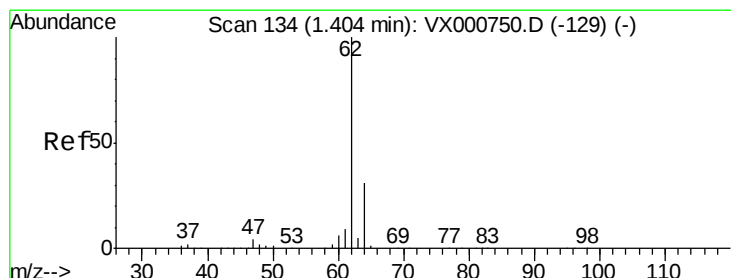
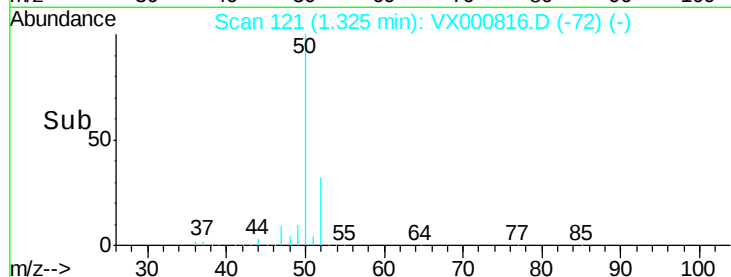
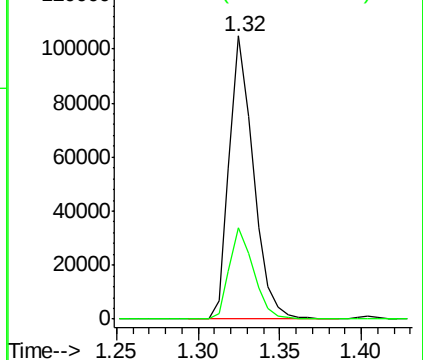
50 100

52 32.3 25.8 38.8



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 48.93 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX000816.D

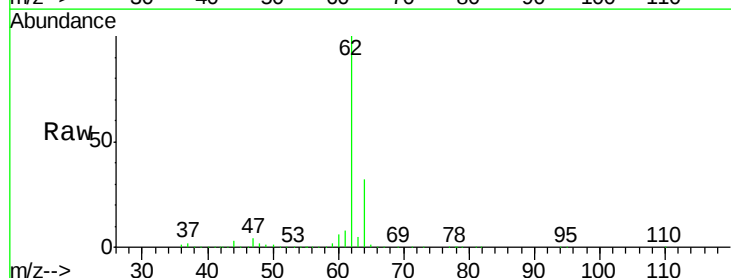
Acq: 12 Apr 2018 21:39

Tgt Ion: 62 Resp: 129904

Ion Ratio Lower Upper

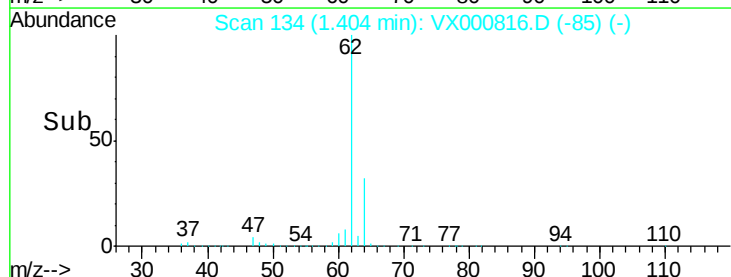
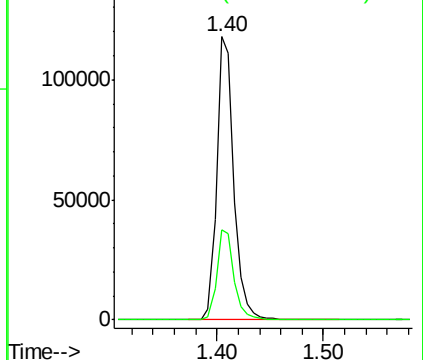
62 100

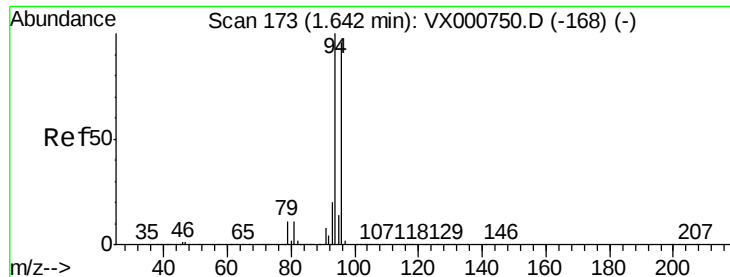
64 31.7 24.6 36.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 48.59 ug/l

RT: 1.64 min Scan# 173

Delta R.T. 0.00 min

Lab File: VX000816.D

Acq: 12 Apr 2018 21:39

Instrument :

MSVOA_X

ClientSampleId :

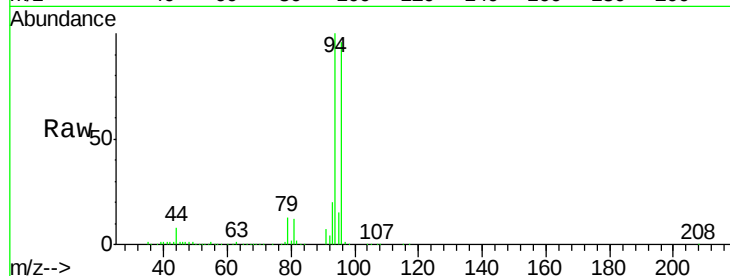
VSTDCCC050

Tgt Ion: 94 Resp: 53445

Ion Ratio Lower Upper

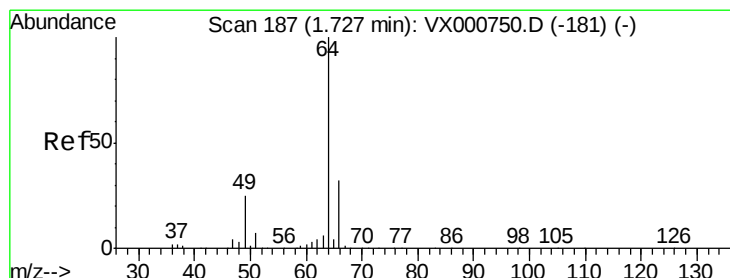
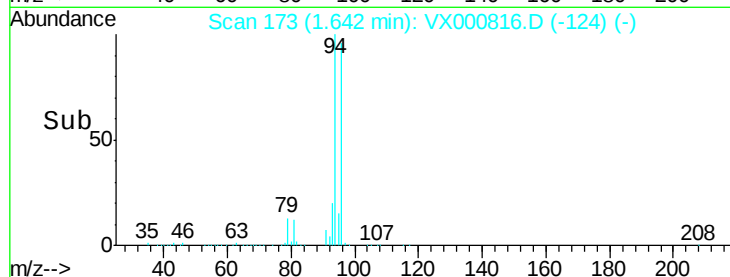
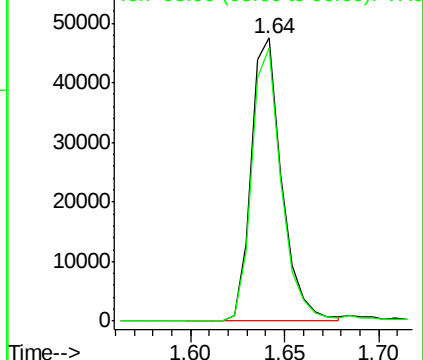
94 100

96 96.3 77.0 115.6



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 50.11 ug/l

RT: 1.73 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX000816.D

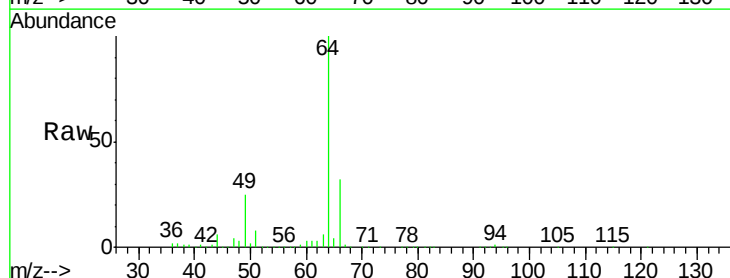
Acq: 12 Apr 2018 21:39

Tgt Ion: 64 Resp: 80636

Ion Ratio Lower Upper

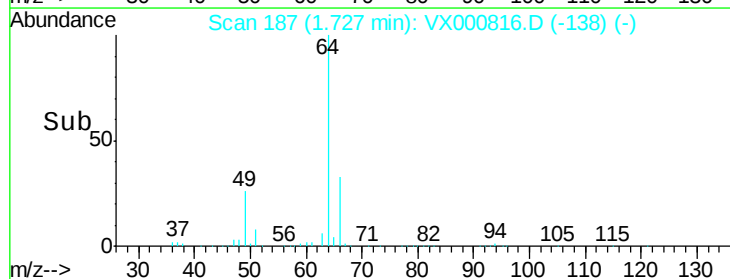
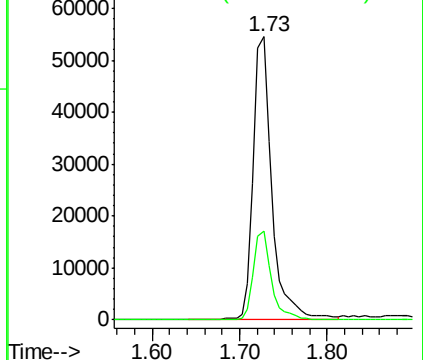
64 100

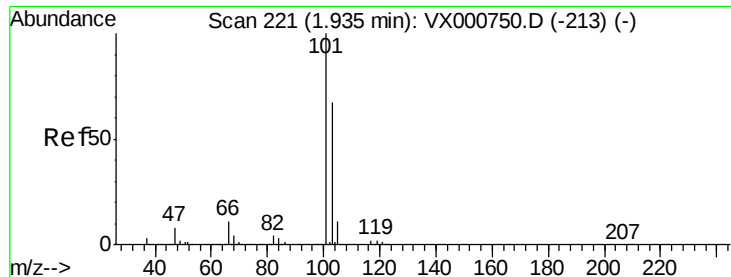
66 31.4 25.3 37.9



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



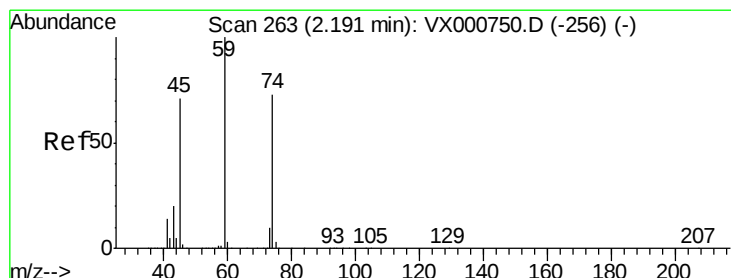
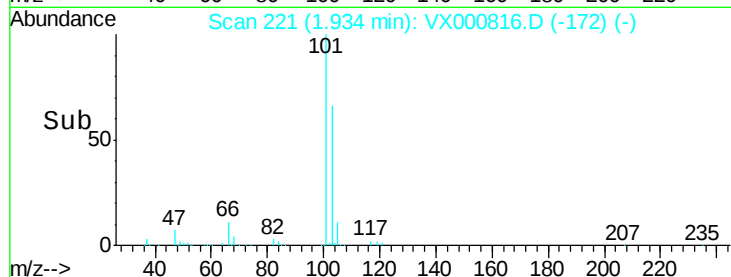
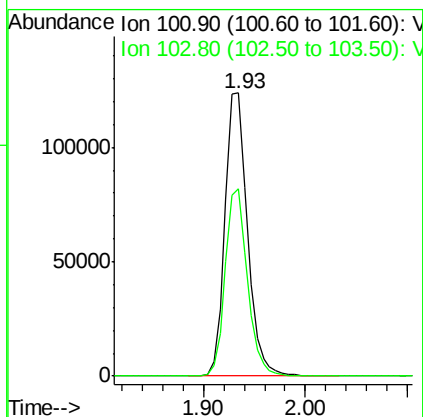
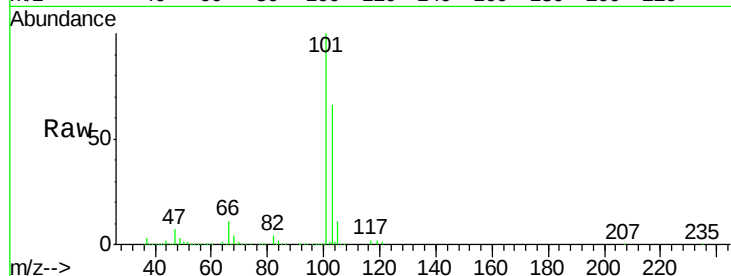


#7

Trichlorofluoromethane
 Concen: 47.25 ug/l
 RT: 1.93 min Scan# 221
 Delta R.T. -0.00 min
 Lab File: VX000816.D
 Acq: 12 Apr 2018 21:39

Instrument :
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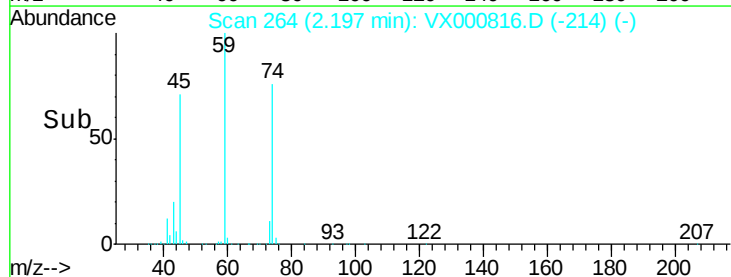
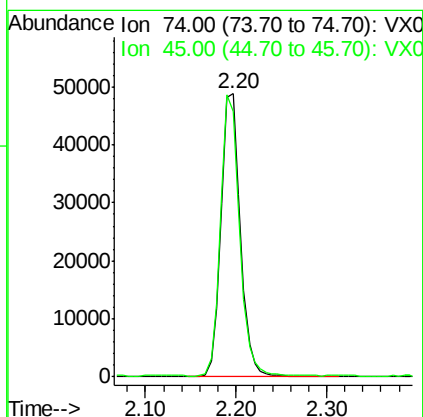
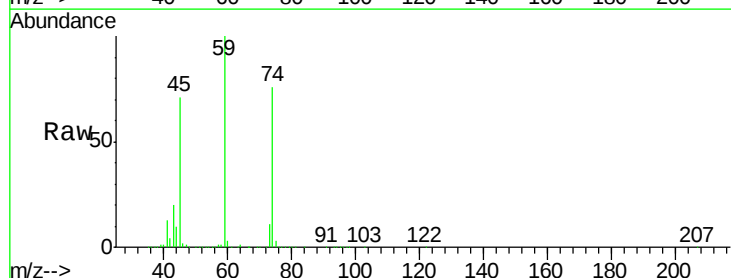
Tgt Ion:101 Resp: 189261
 Ion Ratio Lower Upper
 101 100
 103 66.2 53.2 79.8

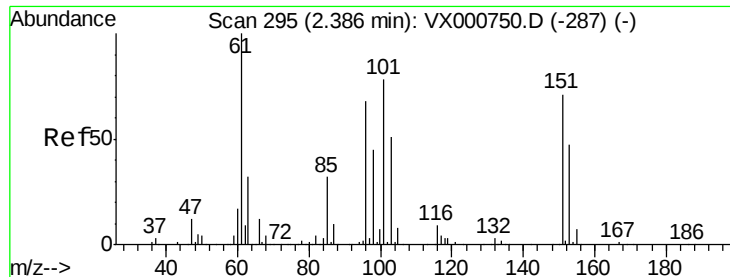


#8

Diethyl Ether
 Concen: 48.68 ug/l
 RT: 2.20 min Scan# 264
 Delta R.T. 0.01 min
 Lab File: VX000816.D
 Acq: 12 Apr 2018 21:39

Tgt Ion: 74 Resp: 72849
 Ion Ratio Lower Upper
 74 100
 45 97.4 48.6 145.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.05 ug/l

RT: 2.39 min Scan# 295

Delta R.T. -0.00 min

Lab File: VX000816.D

Acq: 12 Apr 2018 21:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

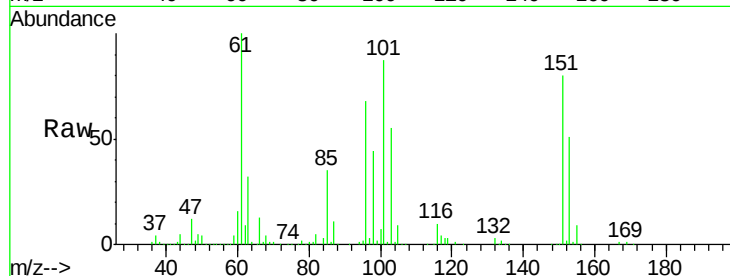
Tgt Ion:101 Resp: 111137

Ion Ratio Lower Upper

101 100

85 41.5 34.0 51.0

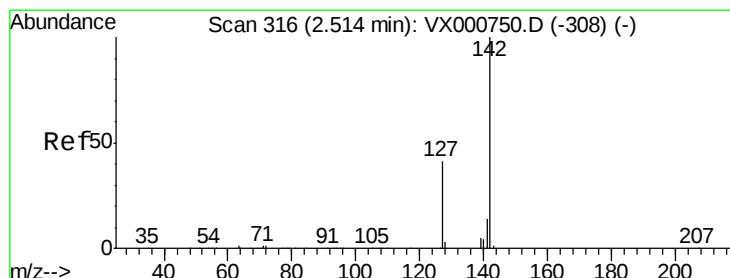
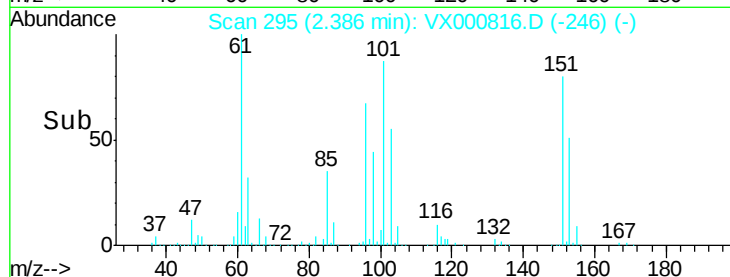
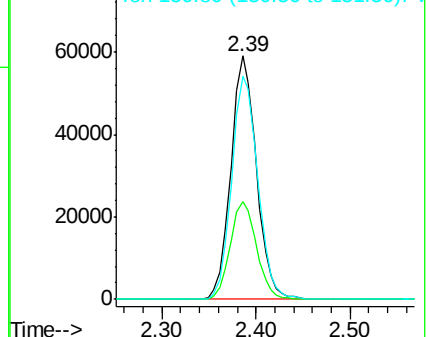
151 93.9 75.8 113.8



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: 35.76 ug/l

RT: 2.51 min Scan# 316

Delta R.T. 0.00 min

Lab File: VX000816.D

Acq: 12 Apr 2018 21:39

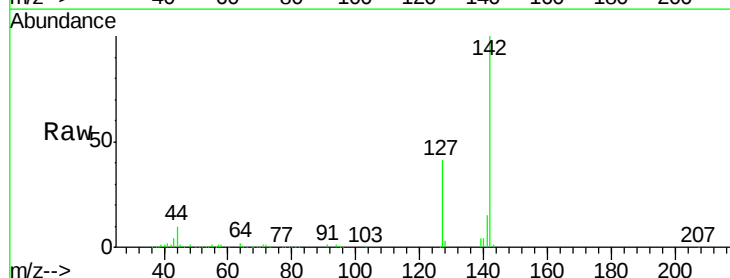
Tgt Ion:142 Resp: 60580

Ion Ratio Lower Upper

142 100

127 41.1 32.6 49.0

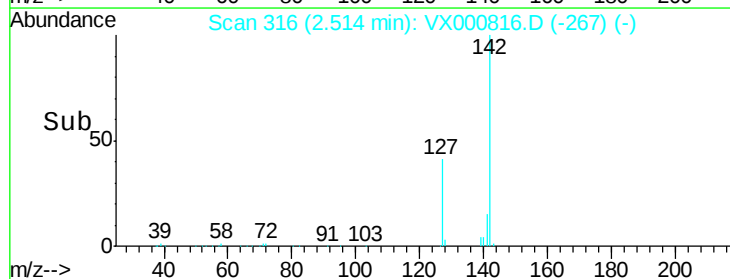
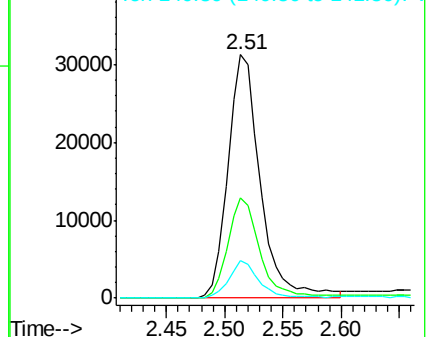
141 14.4 11.5 17.3

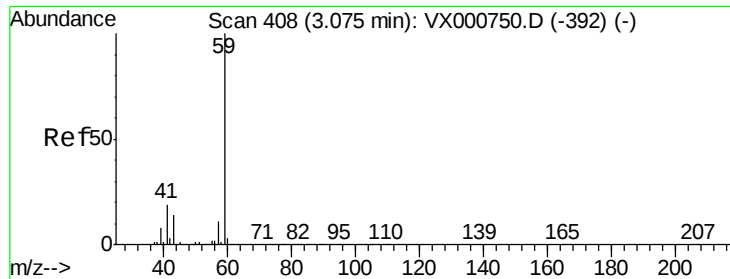


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

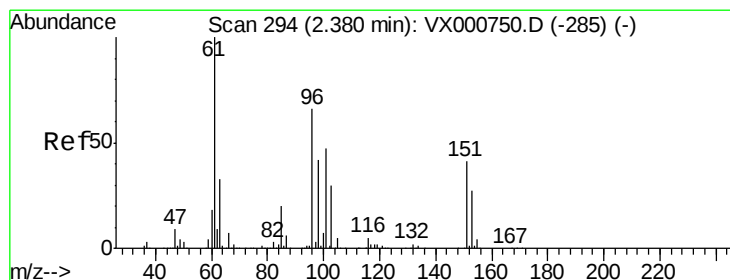
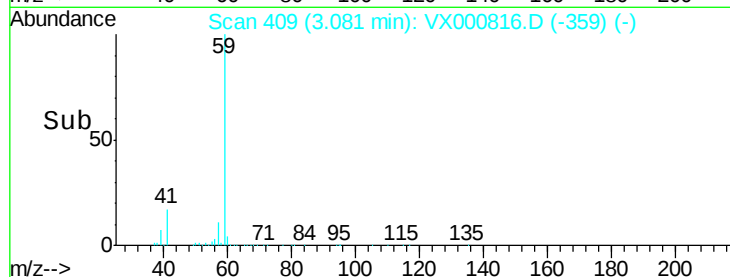
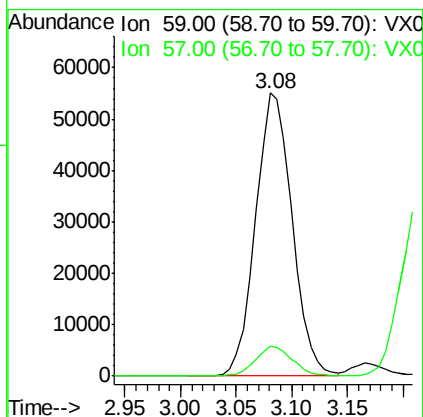
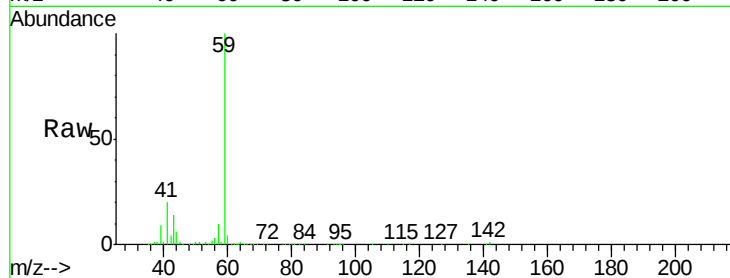




#11
Tert butyl alcohol
Concen: 231.26 ug/l
RT: 3.08 min Scan# 409
Delta R.T. 0.01 min
Lab File: VX000816.D
Acq: 12 Apr 2018 21:39

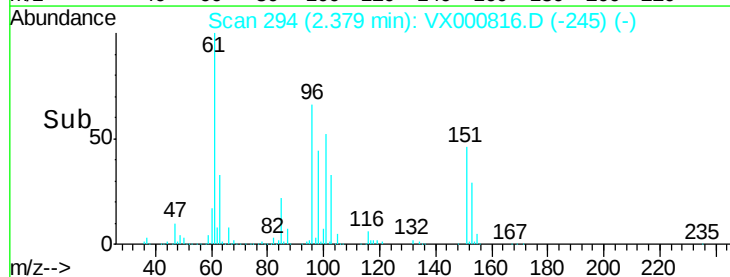
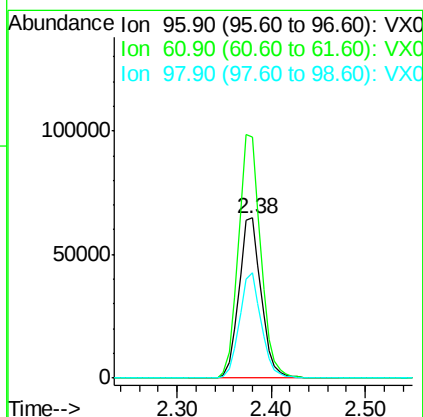
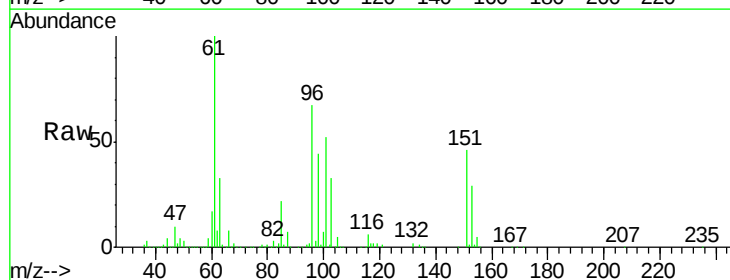
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

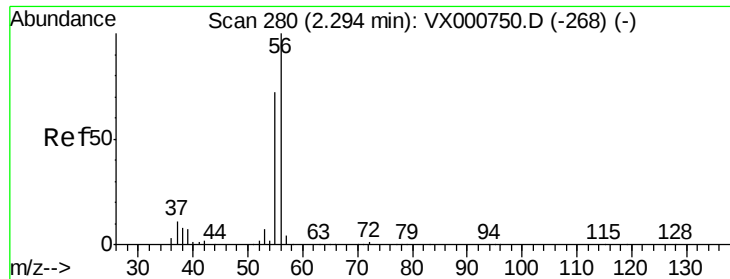
Tgt Ion: 59 Resp: 126264
Ion Ratio Lower Upper
59 100
57 10.4 8.4 12.6



#12
1,1-Dichloroethene
Concen: 47.46 ug/l
RT: 2.38 min Scan# 294
Delta R.T. -0.00 min
Lab File: VX000816.D
Acq: 12 Apr 2018 21:39

Tgt Ion: 96 Resp: 106246
Ion Ratio Lower Upper
96 100
61 150.5 120.5 180.7
98 65.9 50.9 76.3





#13

Acrolein

Concen: 184.31 ug/l

RT: 2.30 min Scan# 281

Delta R.T. 0.01 min

Lab File: VX000816.D

Acq: 12 Apr 2018 21:39

Instrument :

MSVOA_X

ClientSampleId :

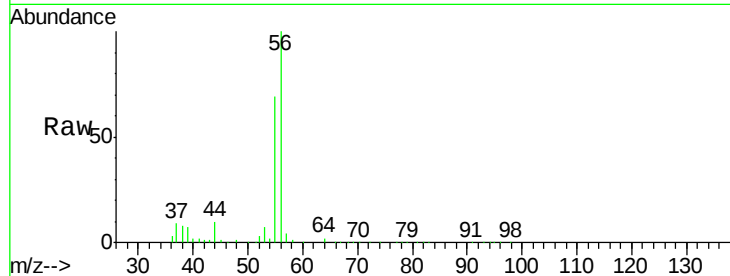
VSTDCCC050

Tgt Ion: 56 Resp: 48869

Ion Ratio Lower Upper

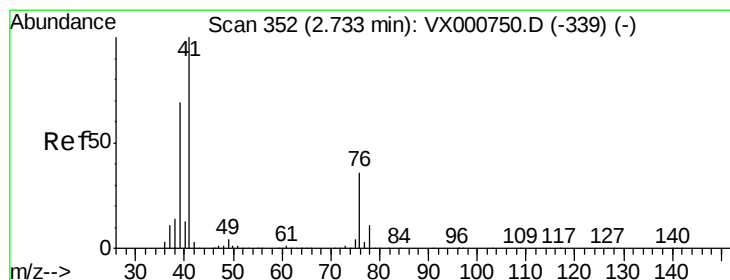
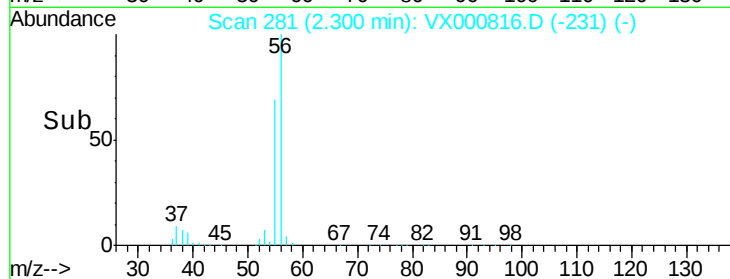
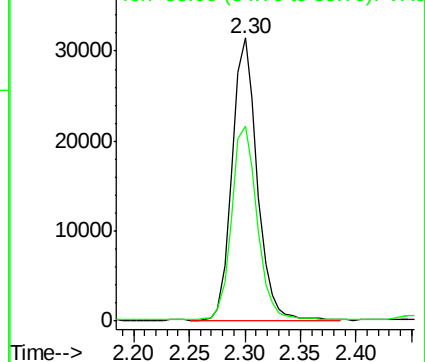
56 100

55 69.4 58.7 88.1



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 47.61 ug/l

RT: 2.73 min Scan# 352

Delta R.T. -0.00 min

Lab File: VX000816.D

Acq: 12 Apr 2018 21:39

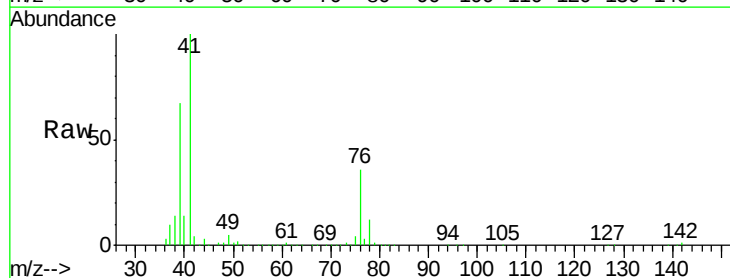
Tgt Ion: 41 Resp: 197076

Ion Ratio Lower Upper

41 100

39 62.6 51.5 77.3

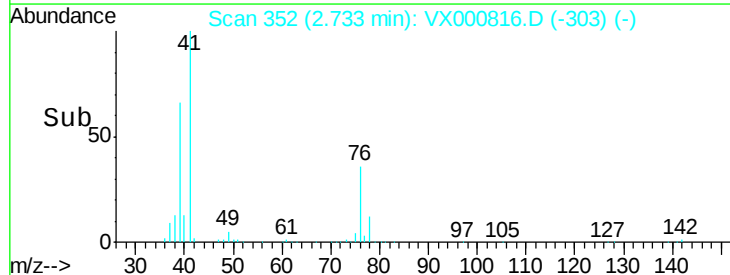
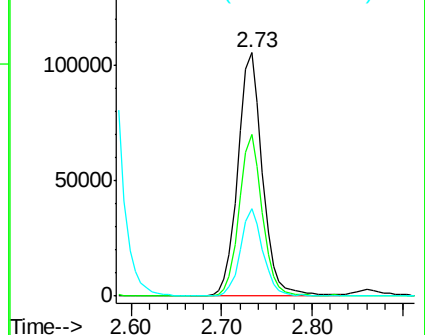
76 33.0 26.5 39.7



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 259.73 ug/l

RT: 3.16 min Scan# 422

Delta R.T. 0.01 min

Lab File: VX000816.D

Acq: 12 Apr 2018 21:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

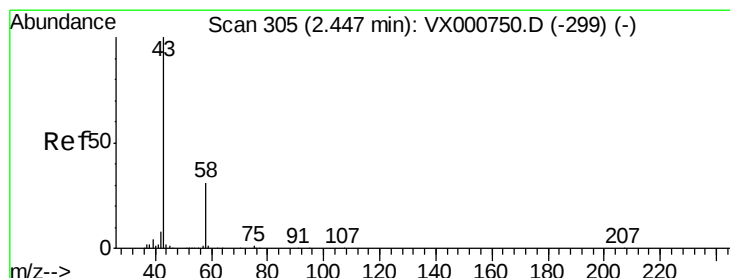
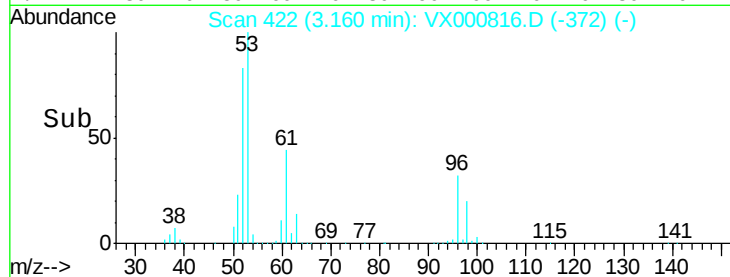
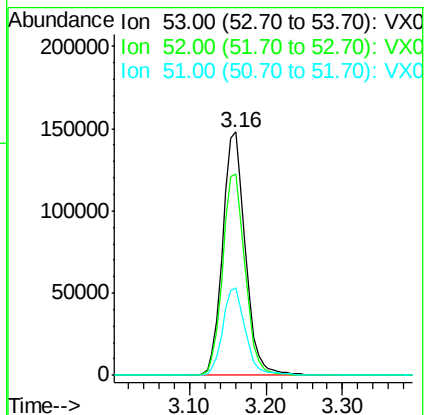
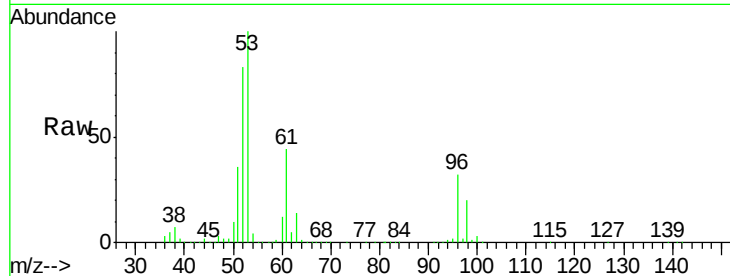
Tgt Ion: 53 Resp: 302332

Ion Ratio Lower Upper

53 100

52 82.3 66.5 99.7

51 35.9 28.8 43.2



#16

Acetone

Concen: 226.36 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.01 min

Lab File: VX000816.D

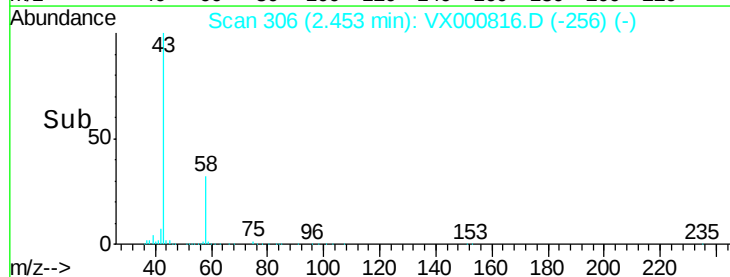
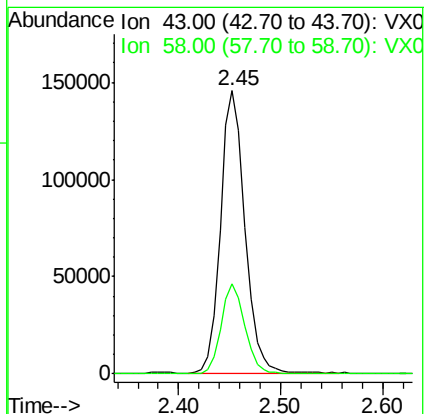
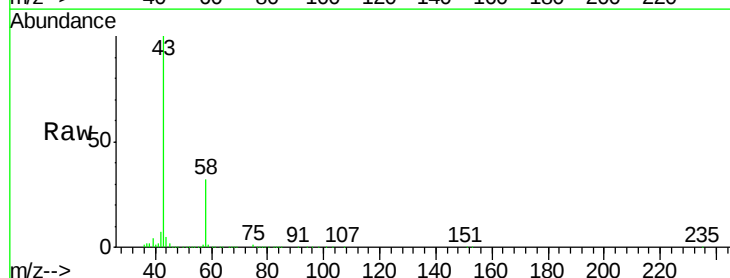
Acq: 12 Apr 2018 21:39

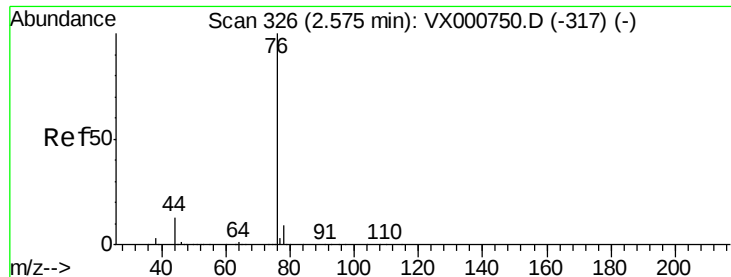
Tgt Ion: 43 Resp: 240052

Ion Ratio Lower Upper

43 100

58 31.7 24.6 37.0

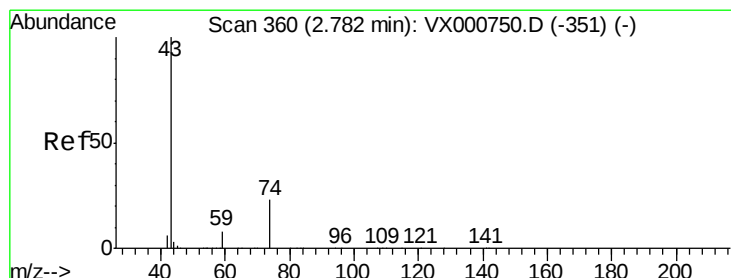
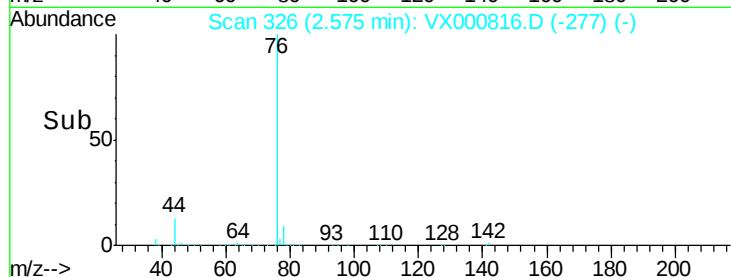
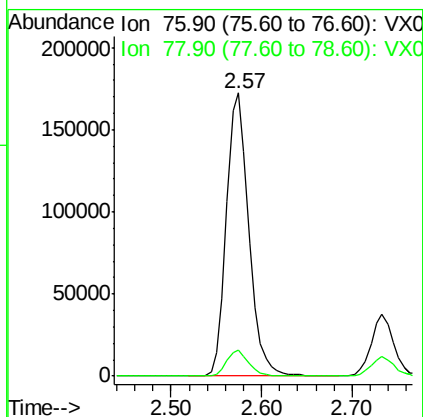
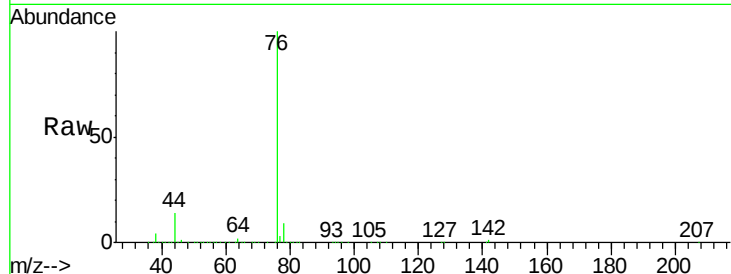




#17
Carbon Disulfide
Concen: 43.71 ug/l
RT: 2.57 min Scan# 326
Delta R.T. -0.00 min
Lab File: VX000816.D
Acq: 12 Apr 2018 21:39

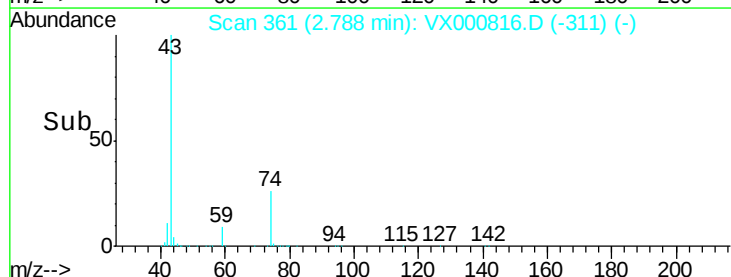
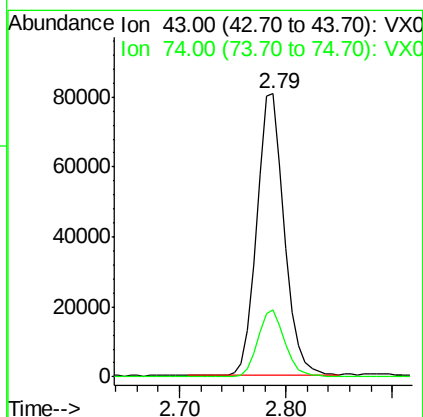
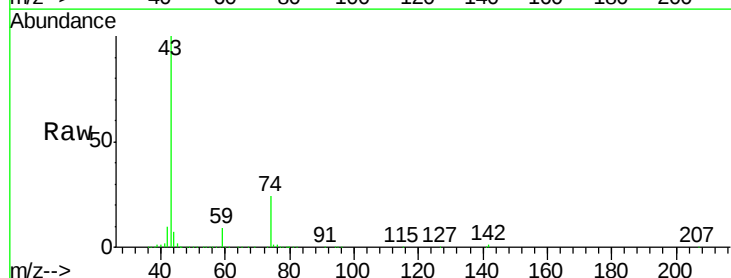
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

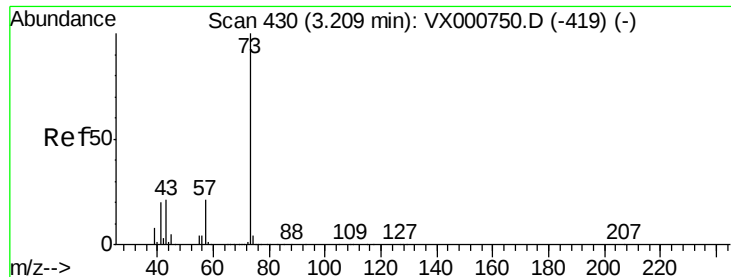
Tgt Ion: 76 Resp: 296308
Ion Ratio Lower Upper
76 100
78 9.3 7.4 11.2



#18
Methyl Acetate
Concen: 53.22 ug/l
RT: 2.79 min Scan# 361
Delta R.T. 0.01 min
Lab File: VX000816.D
Acq: 12 Apr 2018 21:39

Tgt Ion: 43 Resp: 146052
Ion Ratio Lower Upper
43 100
74 22.9 19.1 28.7

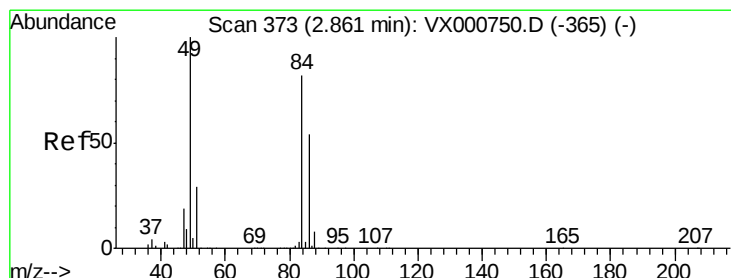
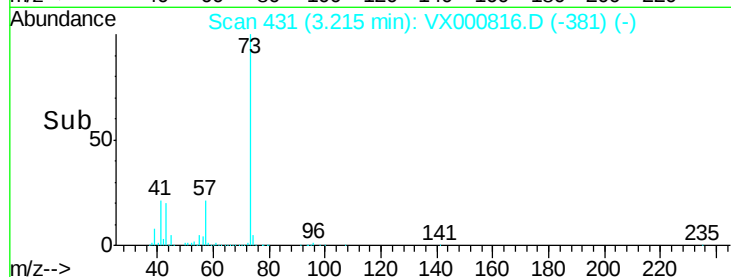
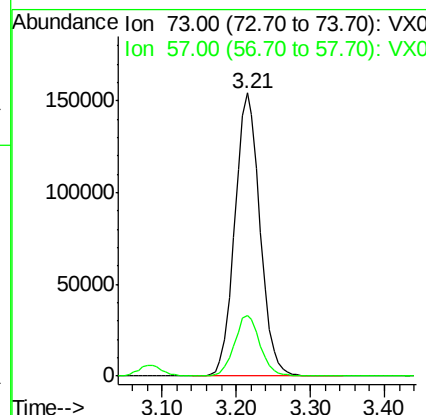
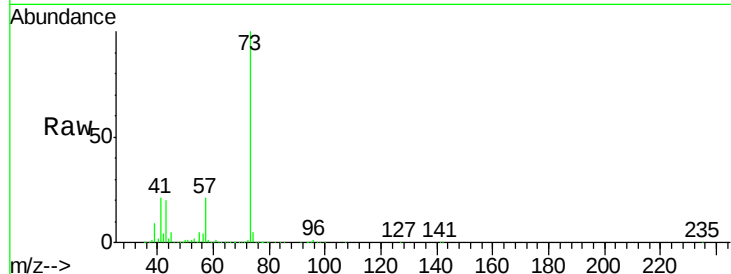




#19
Methyl tert-butyl Ether
Concen: 48.88 ug/l
RT: 3.21 min Scan# 431
Delta R.T. 0.01 min
Lab File: VX000816.D
Acq: 12 Apr 2018 21:39

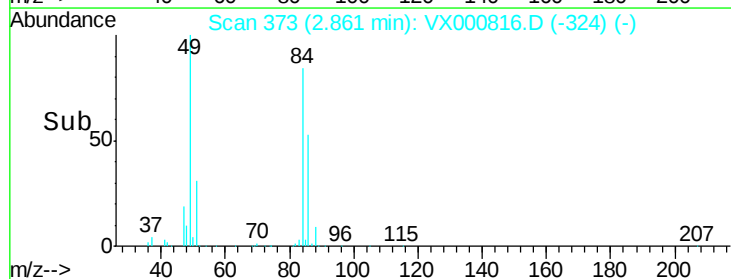
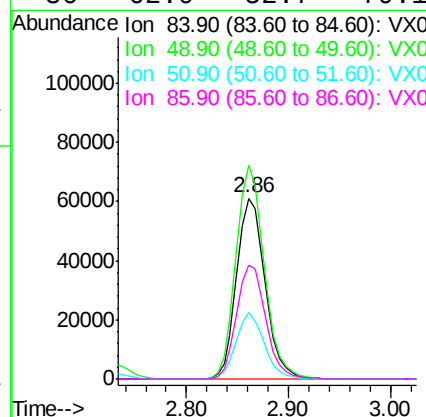
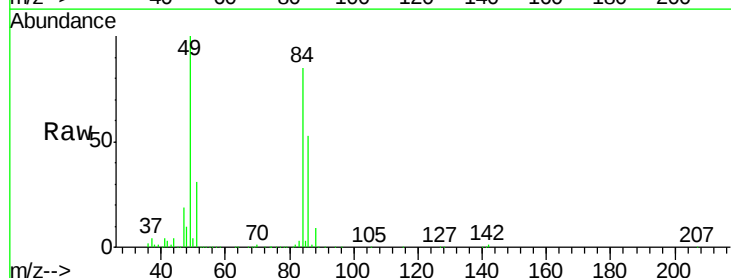
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

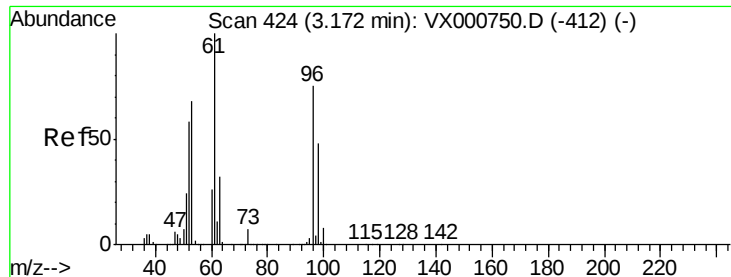
Tgt Ion: 73 Resp: 364430
Ion Ratio Lower Upper
73 100
57 21.3 16.9 25.3



#20
Methylene Chloride
Concen: 47.92 ug/l
RT: 2.86 min Scan# 373
Delta R.T. -0.00 min
Lab File: VX000816.D
Acq: 12 Apr 2018 21:39

Tgt Ion: 84 Resp: 118206
Ion Ratio Lower Upper
84 100
49 118.3 98.1 147.1
51 36.9 28.9 43.3
86 62.9 52.7 79.1





#21

trans-1,2-Dichloroethene

Concen: 46.63 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX000816.D

Acq: 12 Apr 2018 21:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

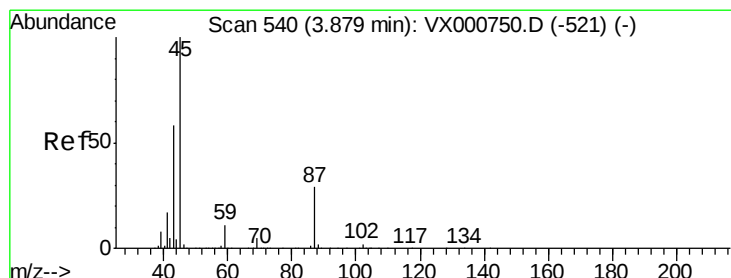
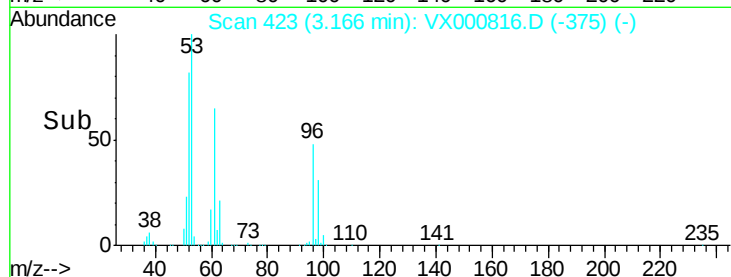
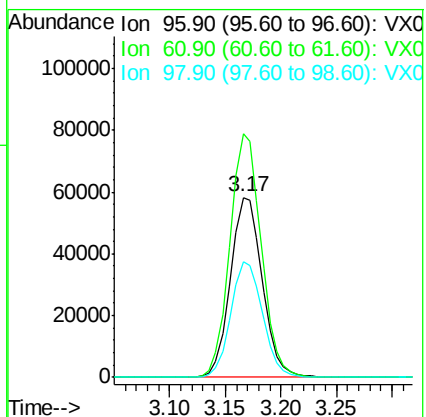
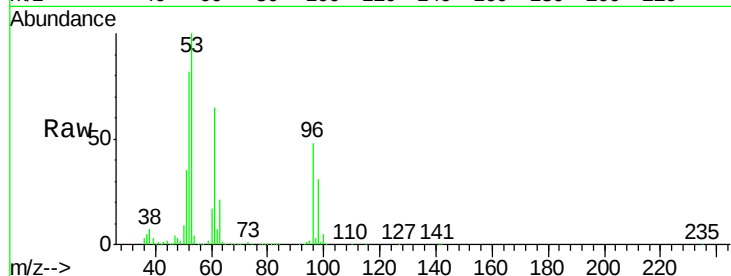
Tgt Ion: 96 Resp: 115094

Ion Ratio Lower Upper

96 100

61 135.3 106.2 159.2

98 64.1 51.2 76.8



#22

Diisopropyl ether

Concen: 50.91 ug/l

RT: 3.88 min Scan# 540

Delta R.T. -0.00 min

Lab File: VX000816.D

Acq: 12 Apr 2018 21:39

Tgt Ion: 45 Resp: 387233

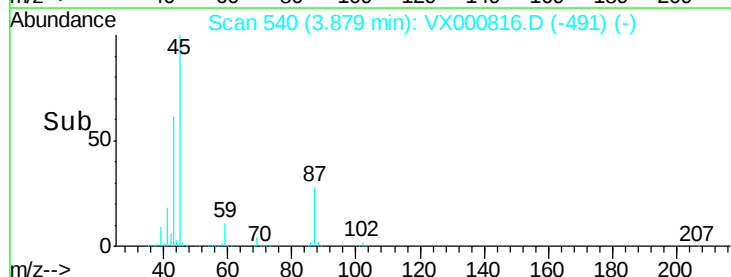
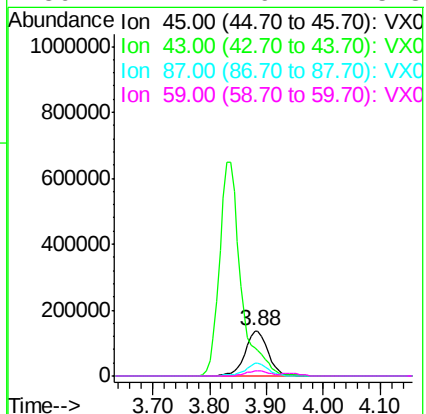
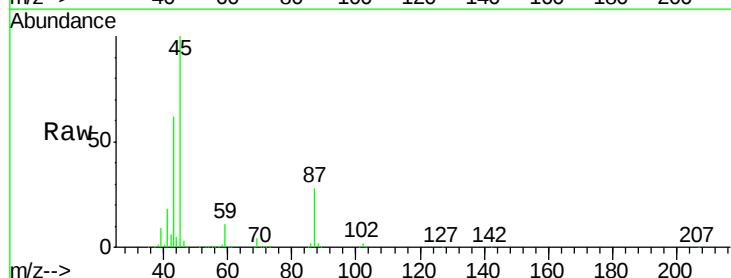
Ion Ratio Lower Upper

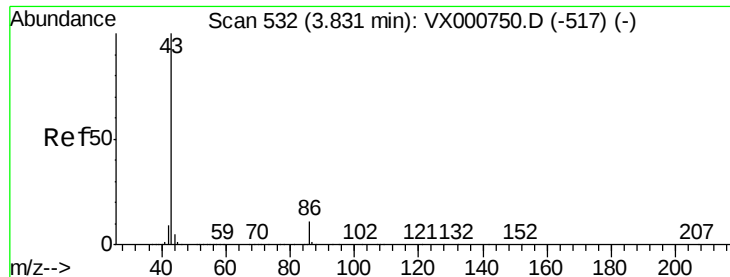
45 100

43 61.5 46.6 69.8

87 27.9 22.9 34.3

59 11.1 9.2 13.8





#23

Vinyl Acetate

Concen: 254.04 ug/l

RT: 3.84 min Scan# 533

Delta R.T. 0.01 min

Lab File: VX000816.D

Acq: 12 Apr 2018 21:39

Instrument :

MSVOA_X

ClientSampleId :

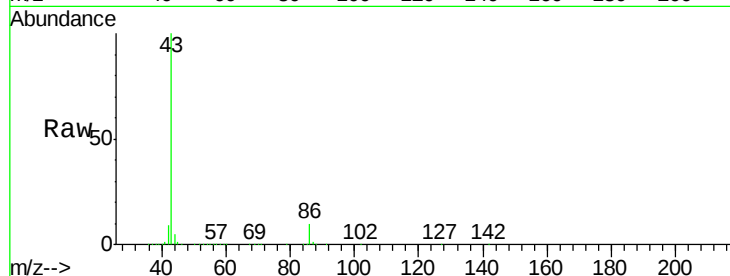
VSTDCCC050

Tgt Ion: 43 Resp: 1696575

Ion Ratio Lower Upper

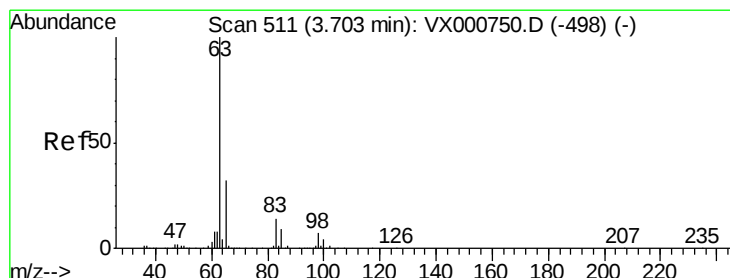
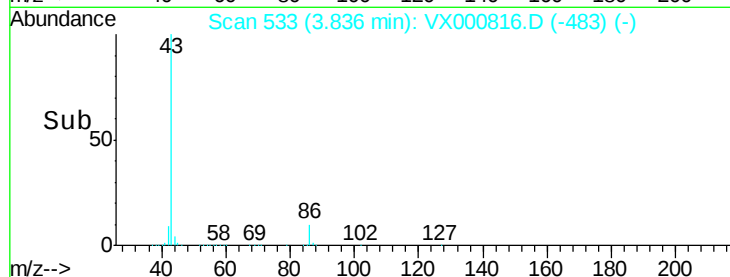
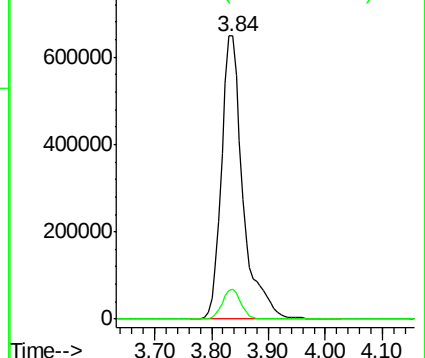
43 100

86 10.5 8.6 12.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 50.67 ug/l

RT: 3.70 min Scan# 511

Delta R.T. -0.00 min

Lab File: VX000816.D

Acq: 12 Apr 2018 21:39

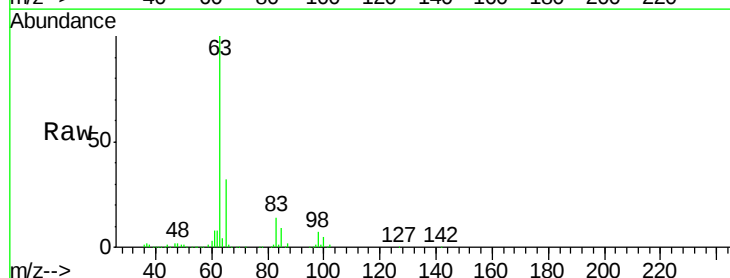
Tgt Ion: 63 Resp: 216283

Ion Ratio Lower Upper

63 100

98 6.5 3.3 9.9

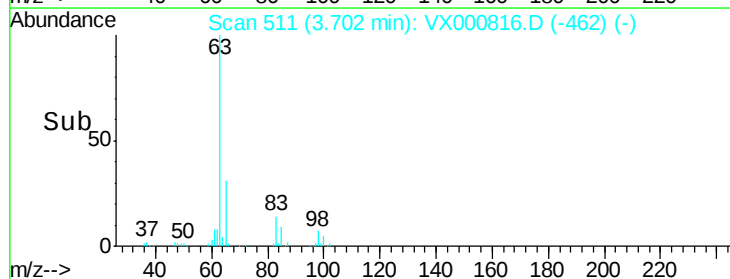
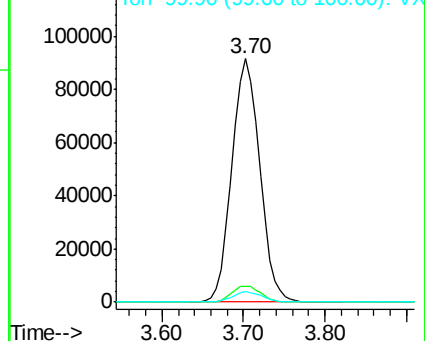
100 4.6 2.1 6.3

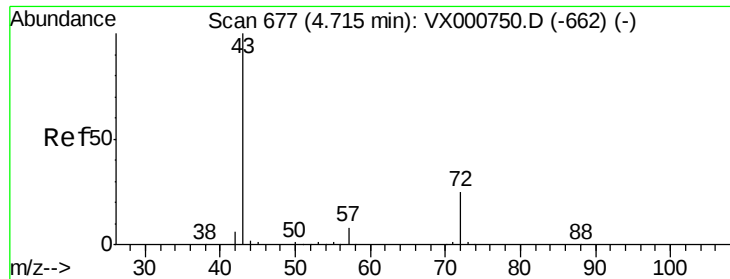


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 246.87 ug/l

RT: 4.72 min Scan# 678

Delta R.T. 0.01 min

Lab File: VX000816.D

Acq: 12 Apr 2018 21:39

Instrument :

MSVOA_X

ClientSampleId :

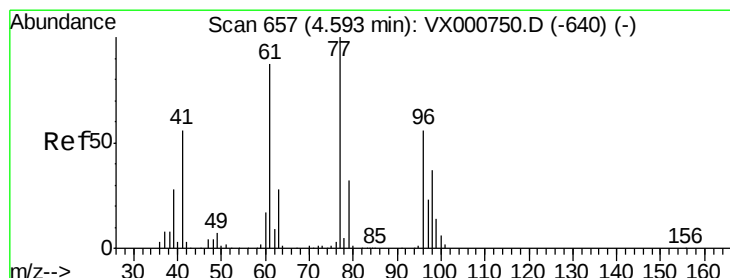
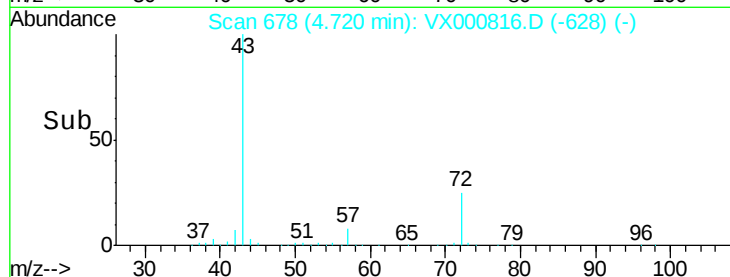
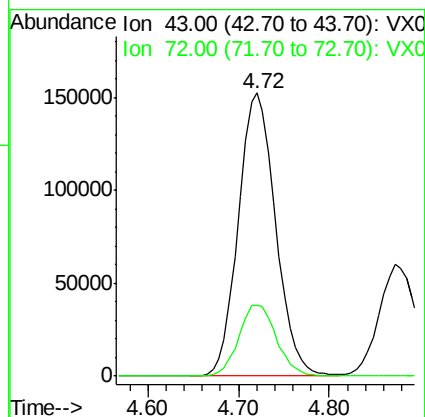
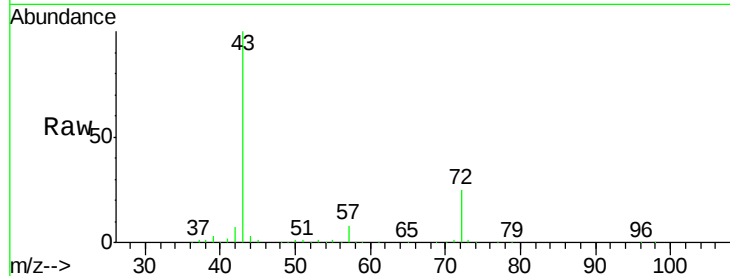
VSTDCCC050

Tgt Ion: 43 Resp: 432330

Ion Ratio Lower Upper

43 100

72 25.1 20.3 30.5



#26

2,2-Dichloropropane

Concen: 41.59 ug/l

RT: 4.59 min Scan# 657

Delta R.T. -0.00 min

Lab File: VX000816.D

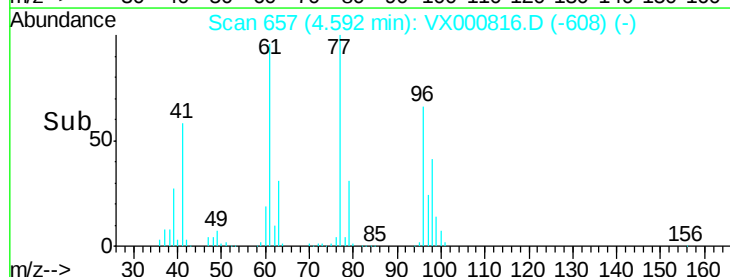
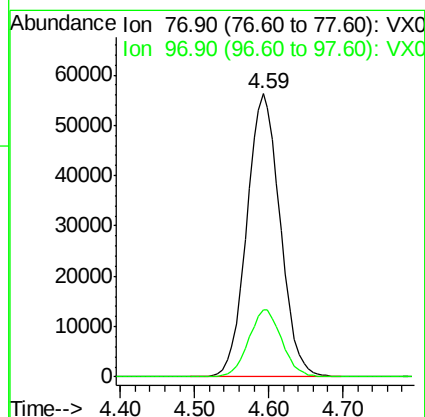
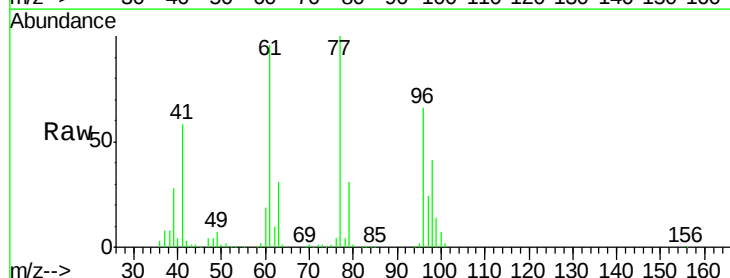
Acq: 12 Apr 2018 21:39

Tgt Ion: 77 Resp: 176186

Ion Ratio Lower Upper

77 100

97 23.6 11.5 34.4





#27

cis-1,2-Dichloroethene

Concen: 49.52 ug/l

RT: 4.61 min Scan# 660

Delta R.T. 0.01 min

Lab File: VX000816.D

Acq: 12 Apr 2018 21:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

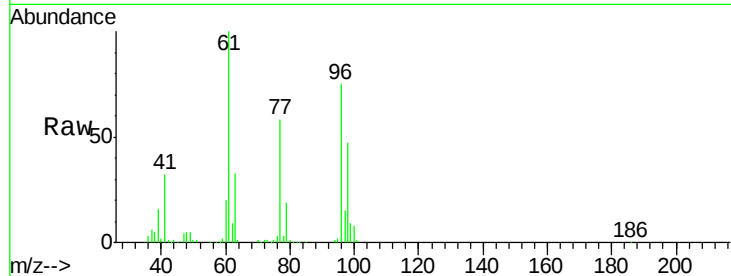
Tgt Ion: 96 Resp: 138732

Ion Ratio Lower Upper

96 100

61 142.0 0.0 292.4

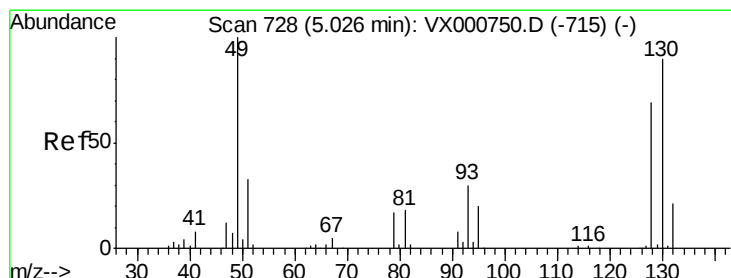
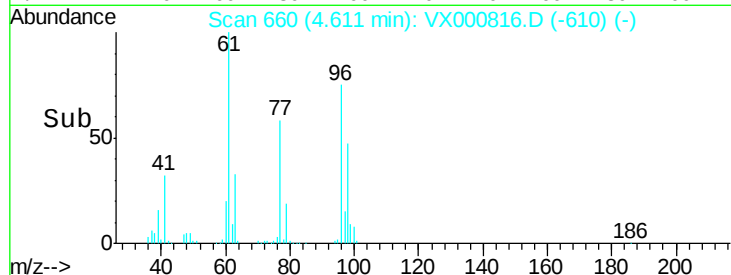
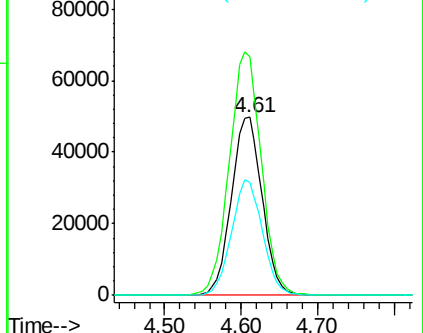
98 64.8 0.0 130.2



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#28

Bromochloromethane

Concen: 50.48 ug/l

RT: 5.03 min Scan# 729

Delta R.T. 0.01 min

Lab File: VX000816.D

Acq: 12 Apr 2018 21:39

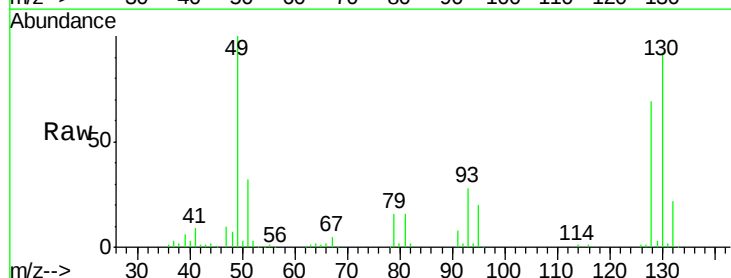
Tgt Ion: 49 Resp: 86767

Ion Ratio Lower Upper

49 100

129 2.4 0.0 5.2

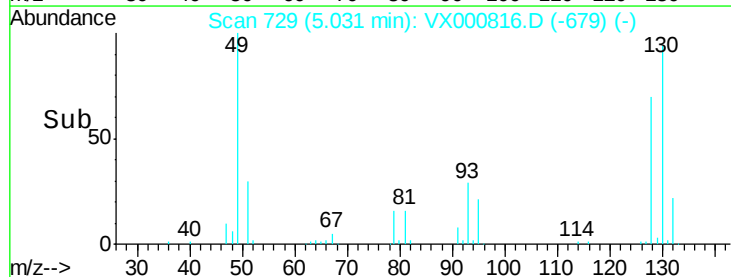
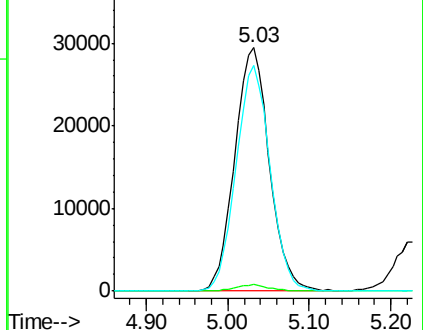
130 91.2 72.6 109.0

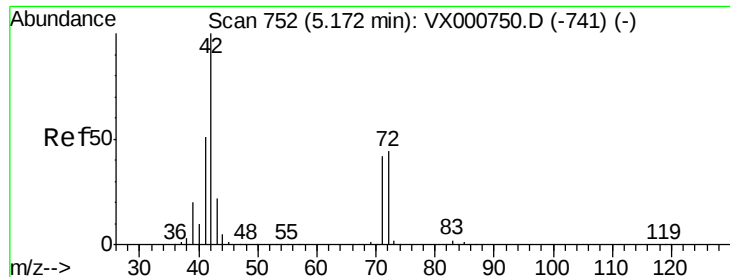


Abundance Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 251.23 ug/l

RT: 5.18 min Scan# 753

Delta R.T. 0.01 min

Lab File: VX000816.D

Acq: 12 Apr 2018 21:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

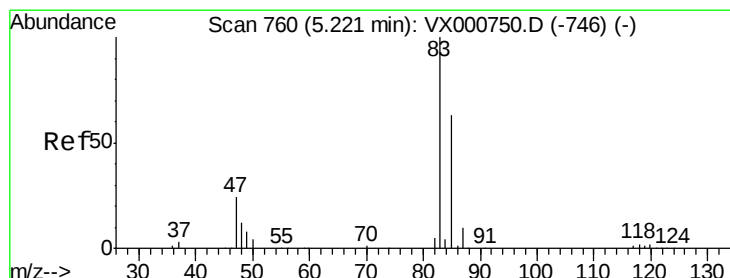
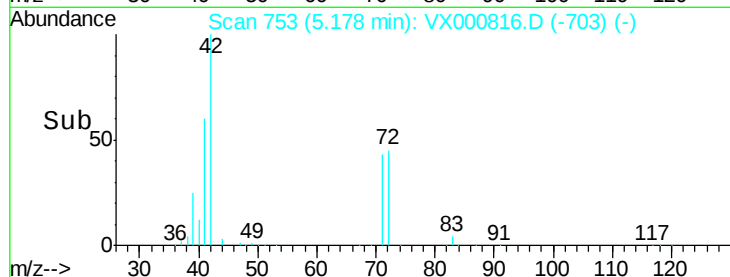
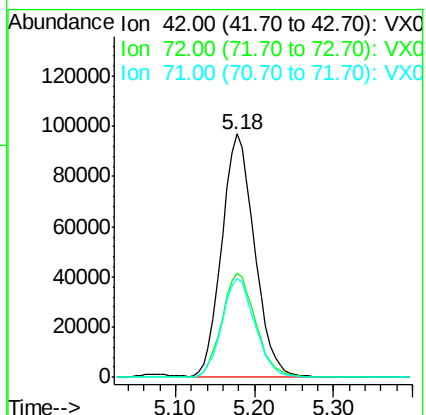
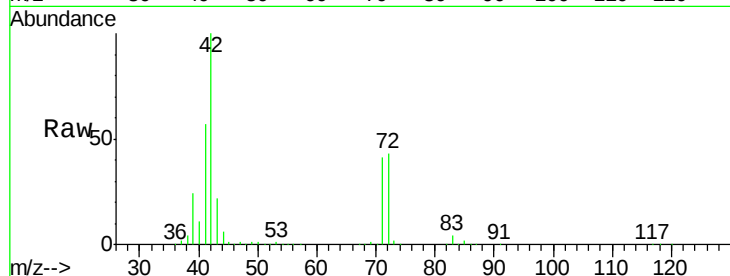
Tgt Ion: 42 Resp: 279351

Ion Ratio Lower Upper

42 100

72 44.2 35.1 52.7

71 41.2 32.8 49.2



#30

Chloroform

Concen: 49.99 ug/l

RT: 5.23 min Scan# 761

Delta R.T. 0.01 min

Lab File: VX000816.D

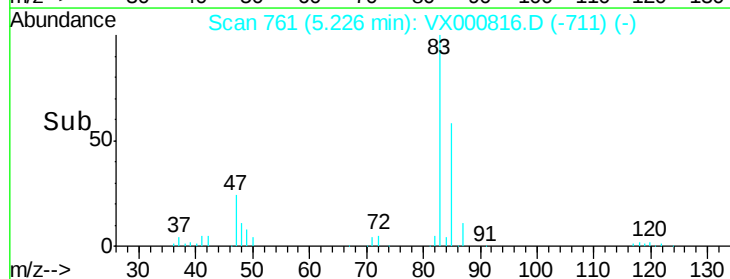
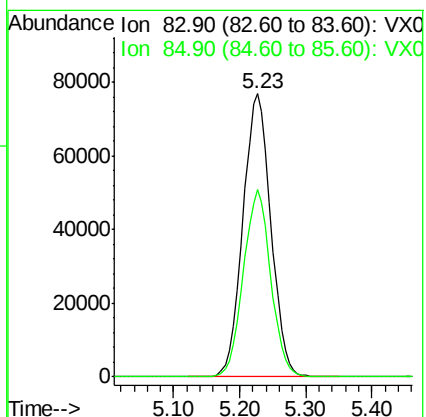
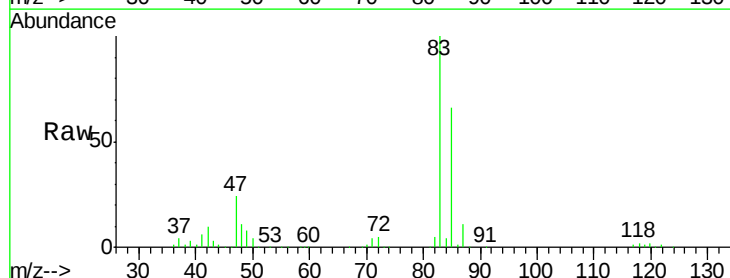
Acq: 12 Apr 2018 21:39

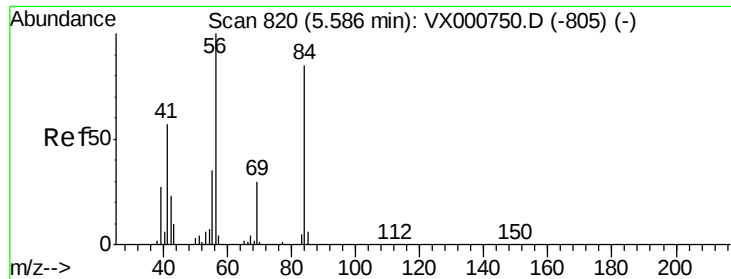
Tgt Ion: 83 Resp: 225917

Ion Ratio Lower Upper

83 100

85 66.0 50.7 76.1

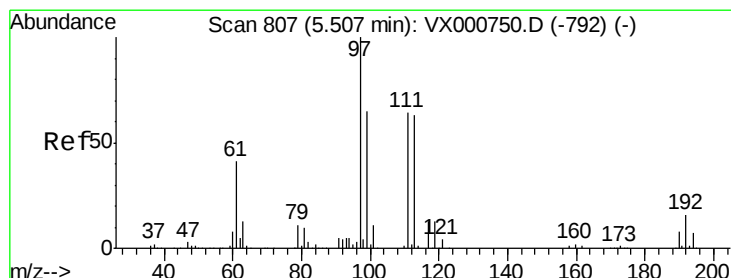
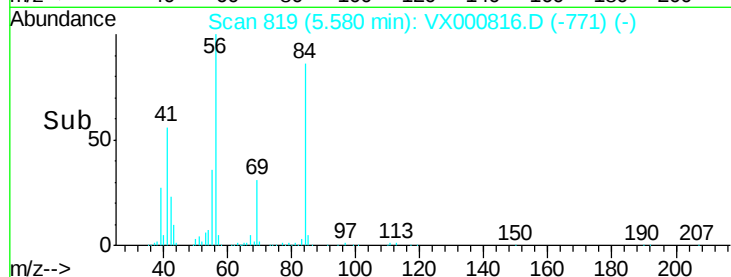
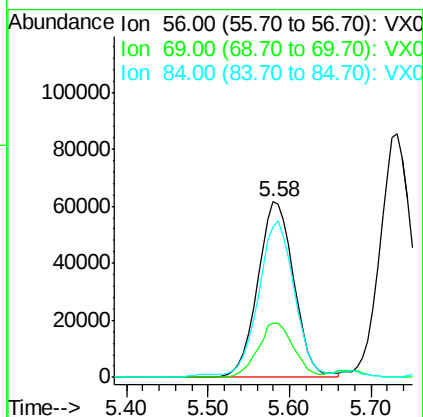
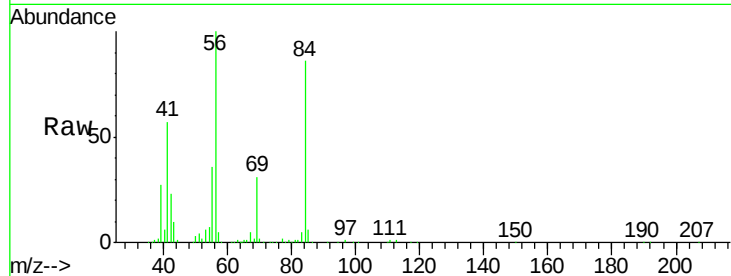




#31
Cyclohexane
Concen: 46.87 ug/l
RT: 5.58 min Scan# 819
Delta R.T. -0.01 min
Lab File: VX000816.D
Acq: 12 Apr 2018 21:39

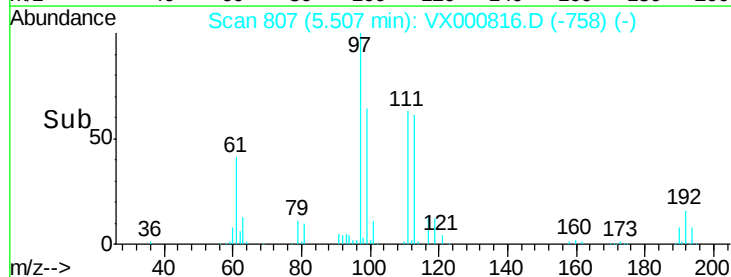
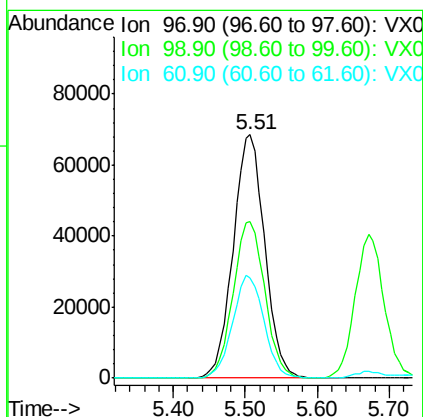
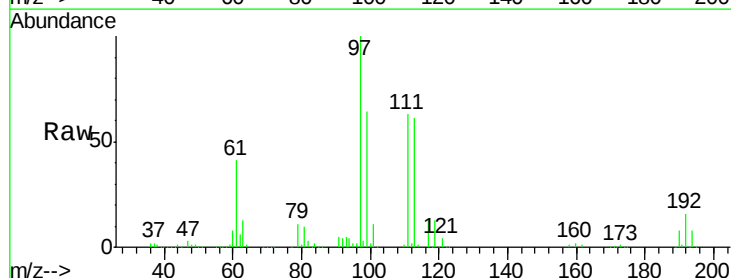
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

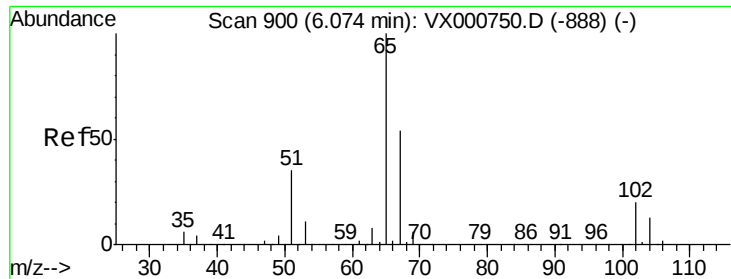
Tgt Ion: 56 Resp: 189999
Ion Ratio Lower Upper
56 100
69 31.0 24.2 36.4
84 85.1 67.6 101.4



#32
1,1,1-Trichloroethane
Concen: 48.45 ug/l
RT: 5.51 min Scan# 807
Delta R.T. -0.00 min
Lab File: VX000816.D
Acq: 12 Apr 2018 21:39

Tgt Ion: 97 Resp: 208586
Ion Ratio Lower Upper
97 100
99 64.5 51.4 77.0
61 42.1 33.7 50.5

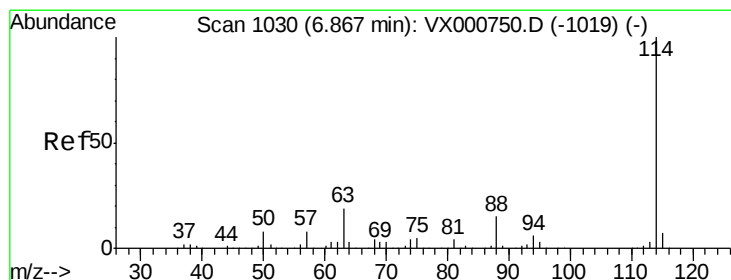
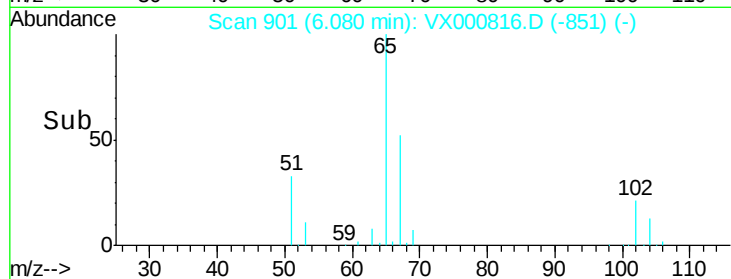
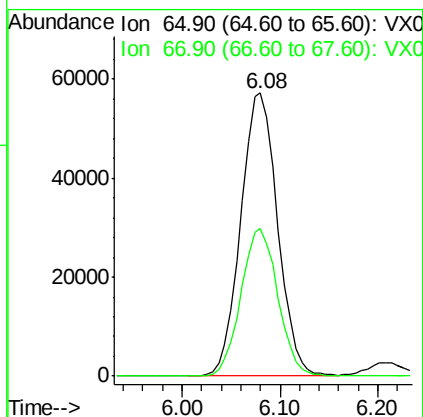
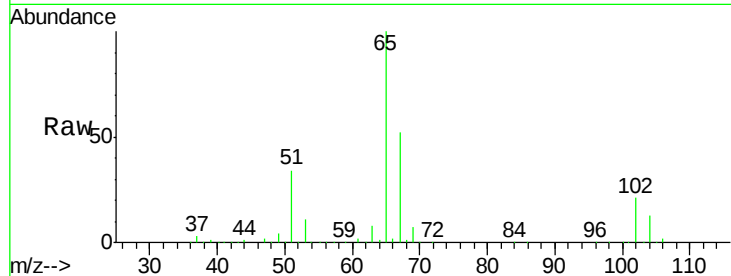




#33
 1,2-Dichloroethane-d4
 Concen: 48.60 ug/l
 RT: 6.08 min Scan# 901
 Delta R.T. 0.01 min
 Lab File: VX000816.D
 Acq: 12 Apr 2018 21:39

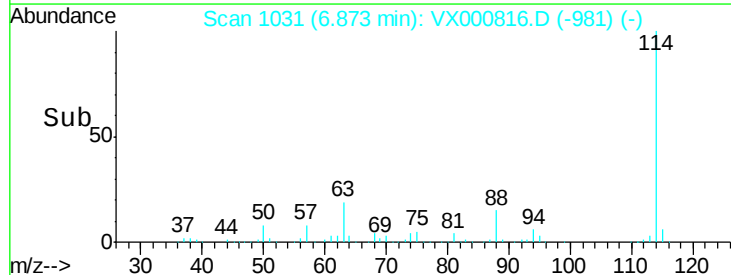
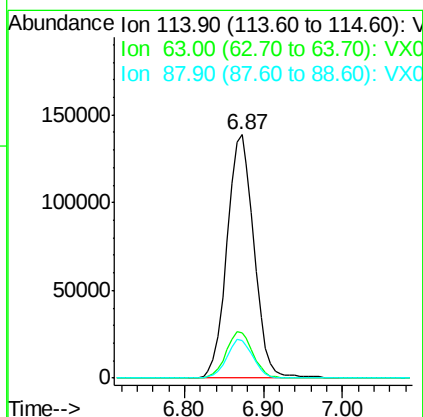
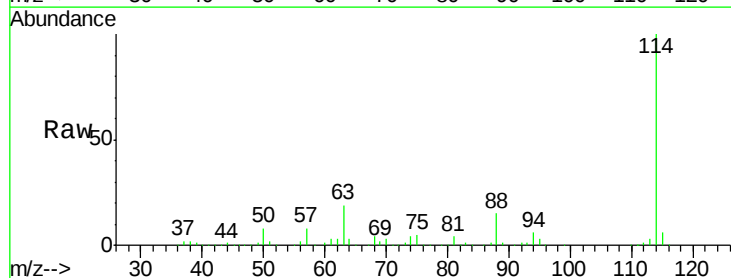
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

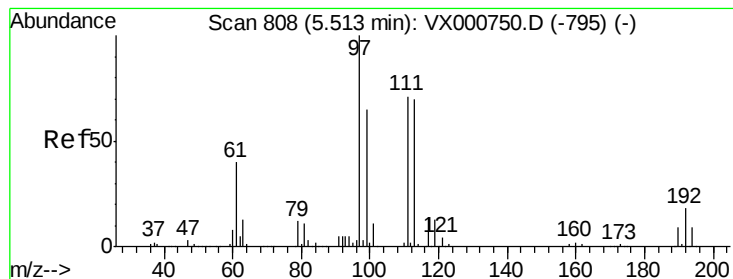
Tgt Ion: 65 Resp: 149446
 Ion Ratio Lower Upper
 65 100
 67 52.4 0.0 103.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1031
 Delta R.T. 0.01 min
 Lab File: VX000816.D
 Acq: 12 Apr 2018 21:39

Tgt Ion: 114 Resp: 330179
 Ion Ratio Lower Upper
 114 100
 63 18.7 0.0 38.4
 88 15.2 0.0 31.0





#35

Dibromofluoromethane

Concen: 49.80 ug/l

RT: 5.51 min Scan# 808

Delta R.T. -0.00 min

Lab File: VX000816.D

Acq: 12 Apr 2018 21:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

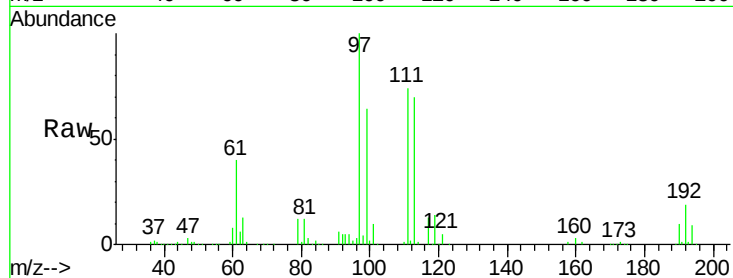
Tgt Ion:113 Resp: 126695

Ion Ratio Lower Upper

113 100

111 103.3 81.5 122.3

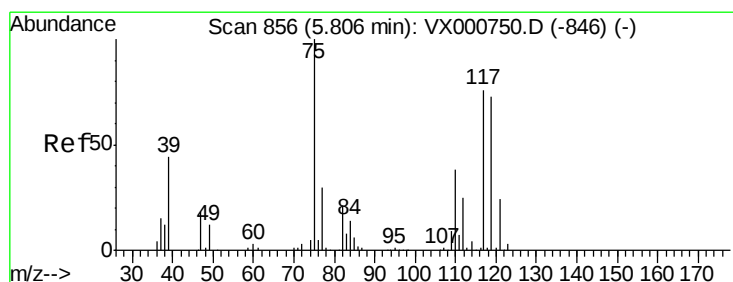
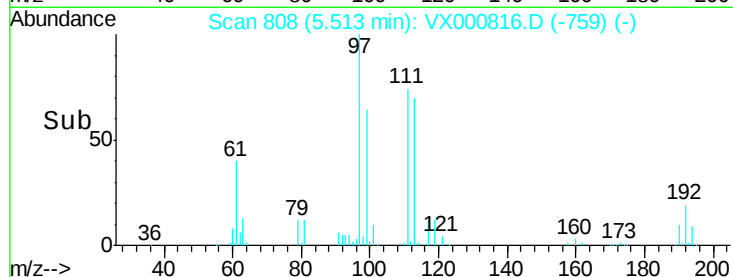
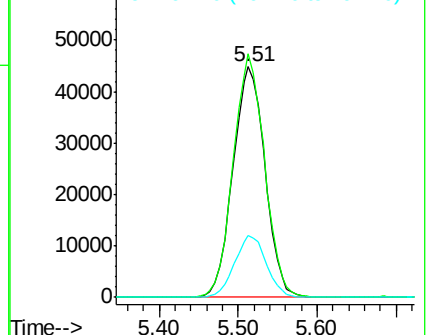
192 26.6 20.4 30.6



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 46.37 ug/l

RT: 5.81 min Scan# 856

Delta R.T. -0.00 min

Lab File: VX000816.D

Acq: 12 Apr 2018 21:39

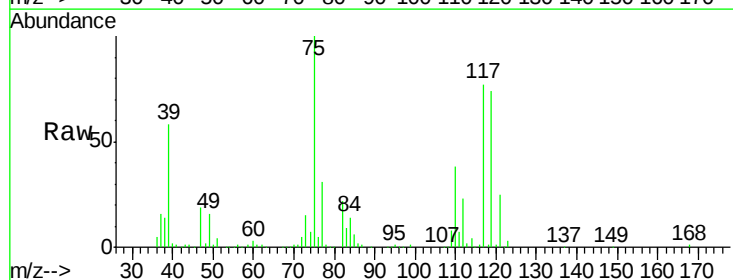
Tgt Ion: 75 Resp: 168628

Ion Ratio Lower Upper

75 100

110 38.4 19.2 57.6

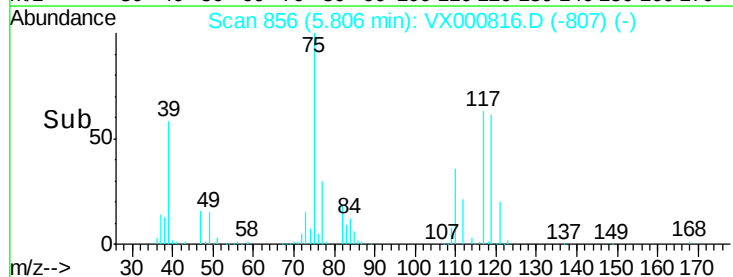
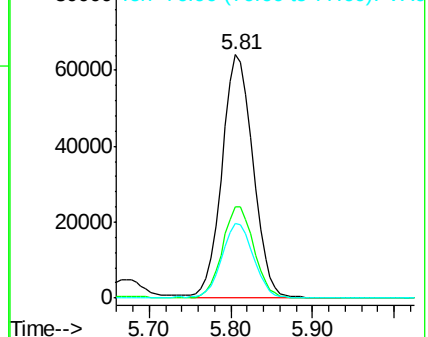
77 31.2 25.4 38.2

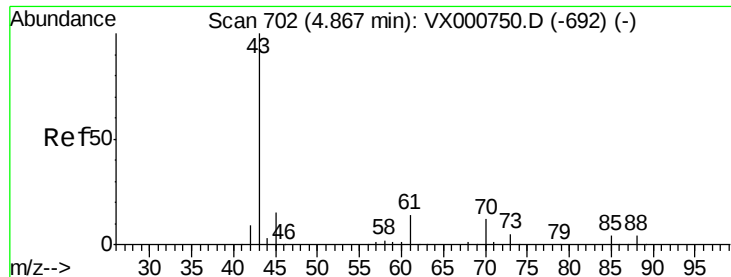


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#37

Ethyl Acetate

Concen: 49.42 ug/l

RT: 4.87 min Scan# 703

Delta R.T. 0.01 min

Lab File: VX000816.D

Acq: 12 Apr 2018 21:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

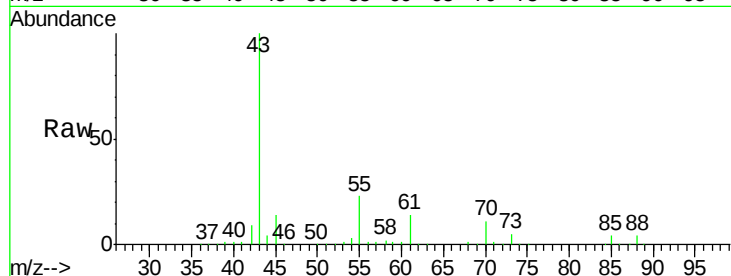
Tgt Ion: 43 Resp: 175450

Ion Ratio Lower Upper

43 100

61 13.5 11.0 16.4

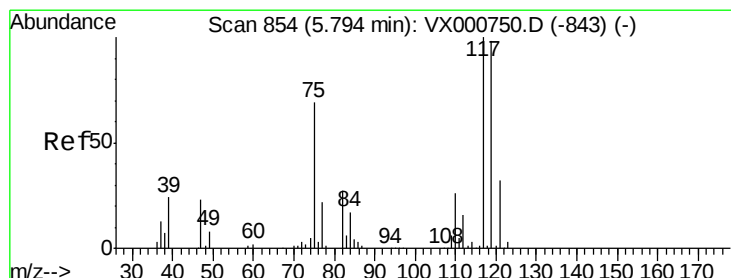
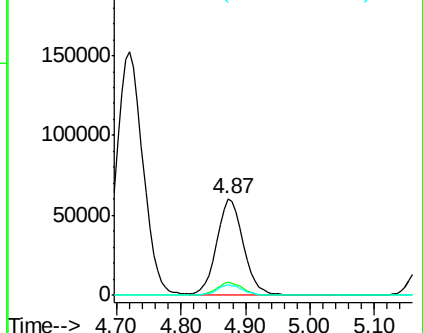
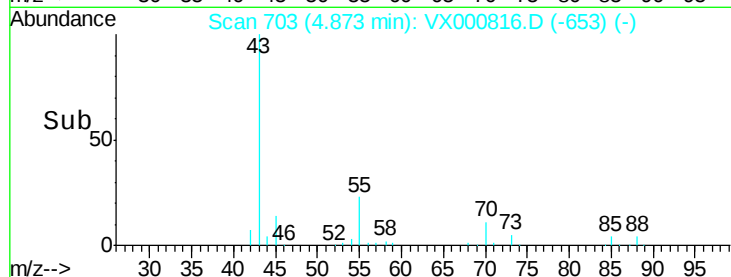
70 10.7 8.7 13.1



Abundance Ion 43.00 (42.70 to 43.70): VX000816.D (-653) (-)

Ion 60.90 (60.60 to 61.60): VX000816.D (-653) (-)

Ion 70.00 (69.70 to 70.70): VX000816.D (-653) (-)



#38

Carbon Tetrachloride

Concen: 46.29 ug/l

RT: 5.79 min Scan# 854

Delta R.T. -0.00 min

Lab File: VX000816.D

Acq: 12 Apr 2018 21:39

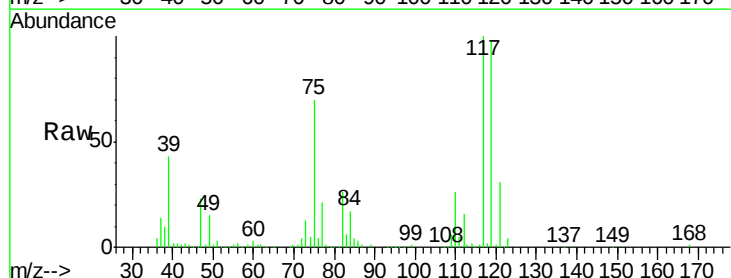
Tgt Ion: 117 Resp: 188387

Ion Ratio Lower Upper

117 100

119 97.6 78.4 117.6

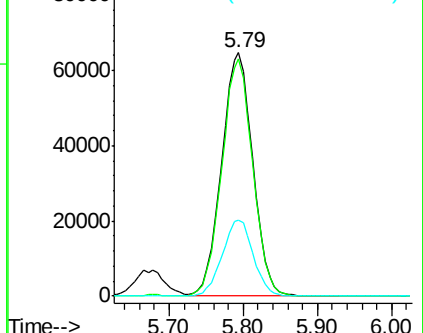
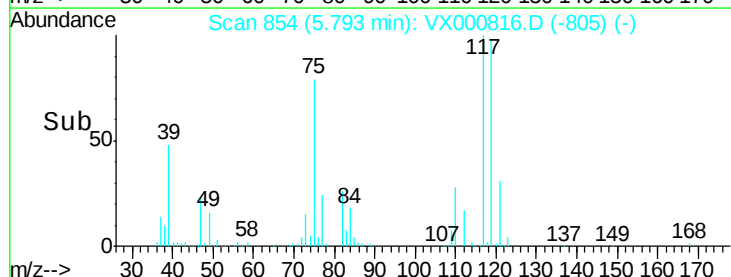
121 31.1 25.4 38.0

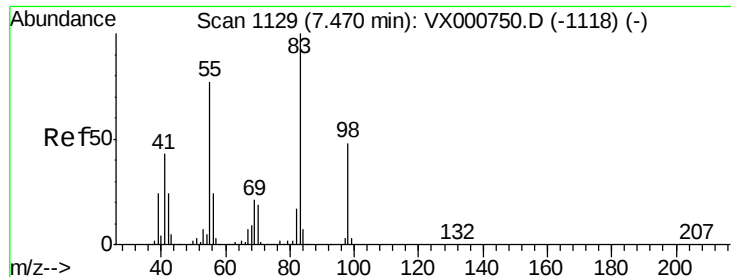


Abundance Ion 116.80 (116.50 to 117.50): VX000816.D (-805) (-)

Ion 118.80 (118.50 to 119.50): VX000816.D (-805) (-)

Ion 120.80 (120.50 to 121.50): VX000816.D (-805) (-)

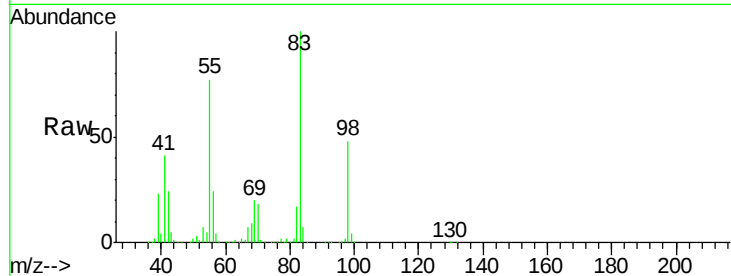




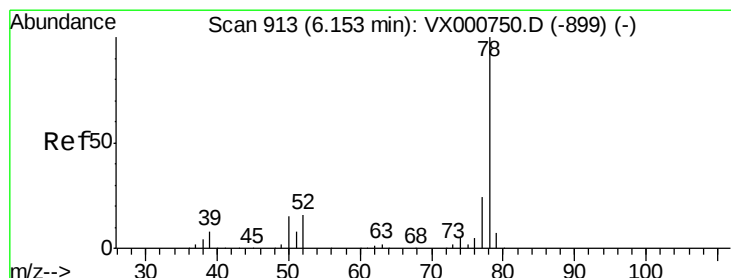
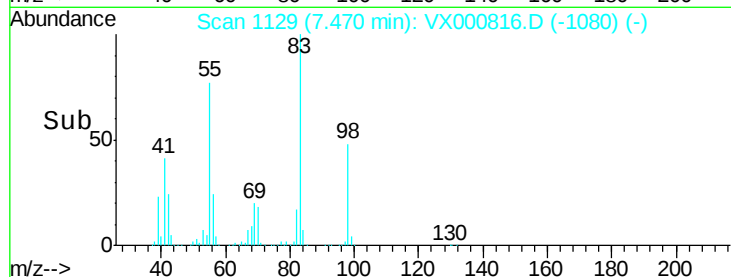
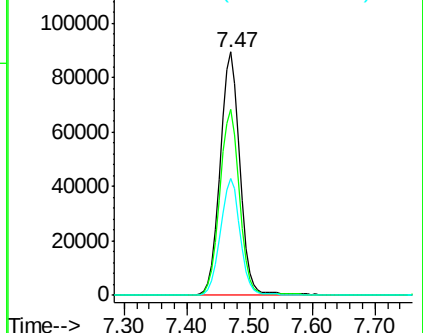
#39
Methylcyclohexane
Concen: 44.77 ug/l
RT: 7.47 min Scan# 1129
Delta R.T. -0.00 min
Lab File: VX000816.D
Acq: 12 Apr 2018 21:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 195485
Ion Ratio Lower Upper
83 100
55 76.5 61.5 92.3
98 47.9 38.1 57.1

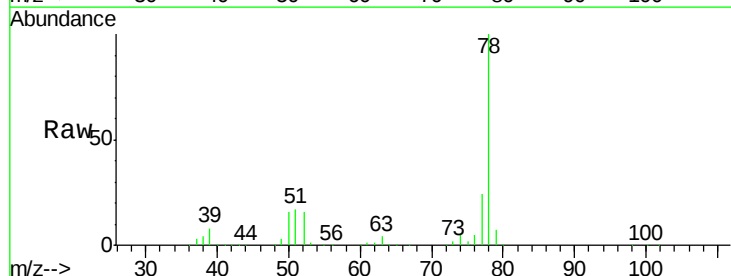


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

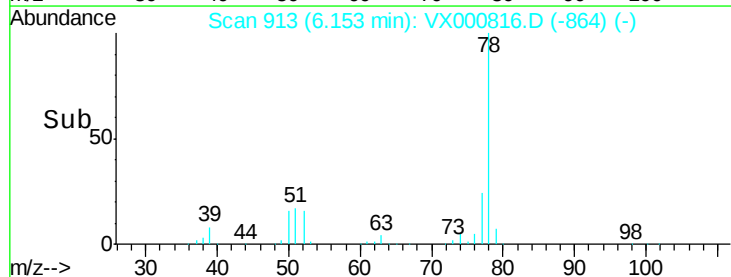
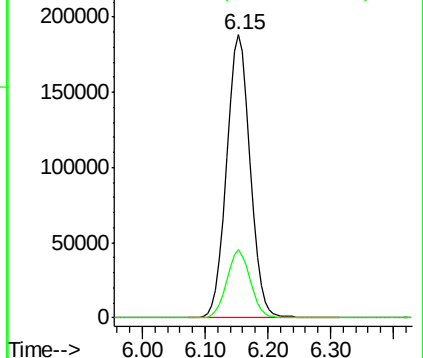


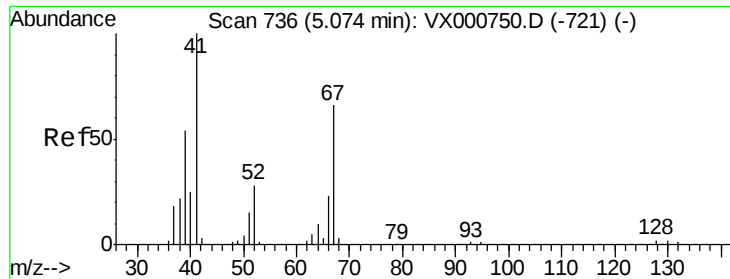
#40
Benzene
Concen: 48.43 ug/l
RT: 6.15 min Scan# 913
Delta R.T. -0.00 min
Lab File: VX000816.D
Acq: 12 Apr 2018 21:39

Tgt Ion: 78 Resp: 489359
Ion Ratio Lower Upper
78 100
77 24.1 19.0 28.6



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

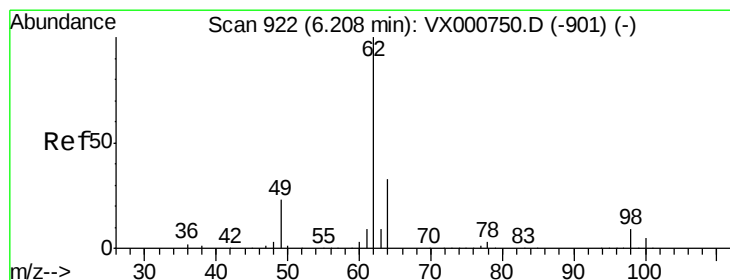
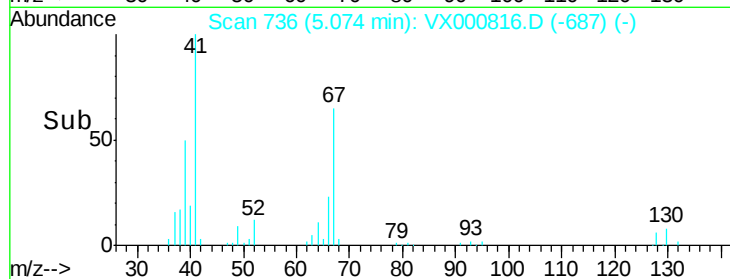
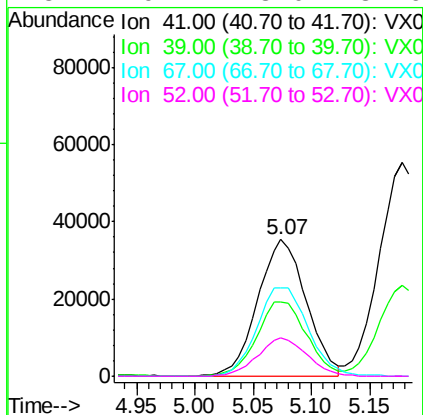
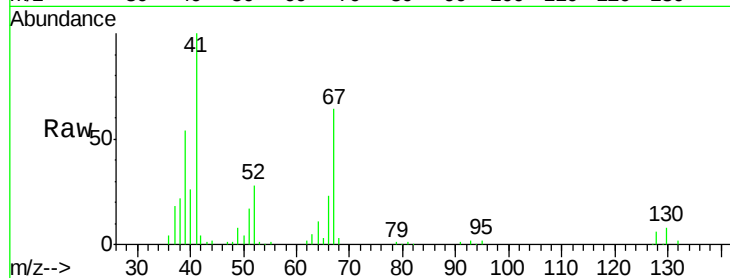




#41
Methacrylonitrile
Concen: 49.32 ug/l
RT: 5.07 min Scan# 736
Delta R.T. -0.00 min
Lab File: VX000816.D
Acq: 12 Apr 2018 21:39

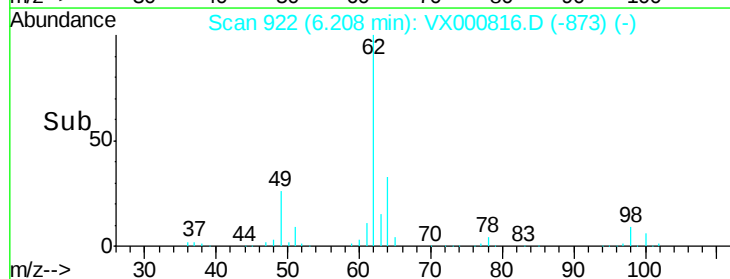
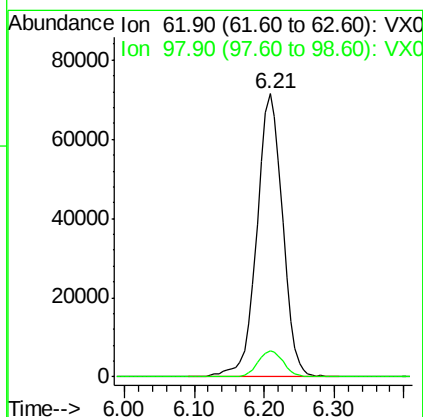
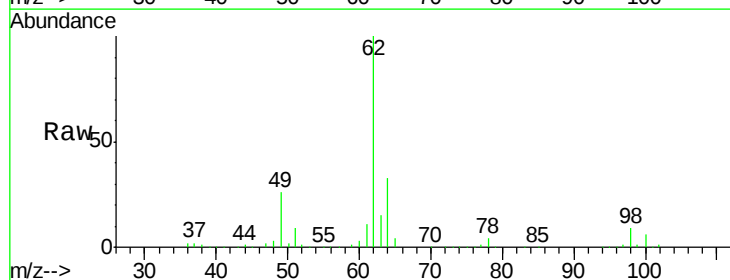
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

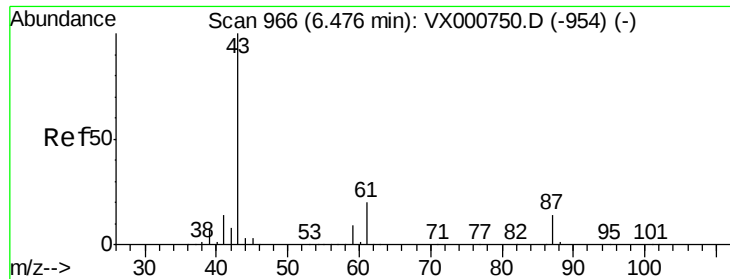
Tgt Ion:	41	Resp:	101155
Ion	Ratio	Lower	Upper
41	100		
39	56.5	44.9	67.3
67	69.4	54.7	82.1
52	29.2	23.0	34.6



#42
1,2-Dichloroethane
Concen: 48.45 ug/l
RT: 6.21 min Scan# 922
Delta R.T. -0.00 min
Lab File: VX000816.D
Acq: 12 Apr 2018 21:39

Tgt Ion:	62	Resp:	182826
Ion	Ratio	Lower	Upper
62	100		
98	9.2	0.0	18.6





#43

Isopropyl Acetate

Concen: 48.35 ug/l

RT: 6.48 min Scan# 966

Delta R.T. -0.00 min

Lab File: VX000816.D

Acq: 12 Apr 2018 21:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

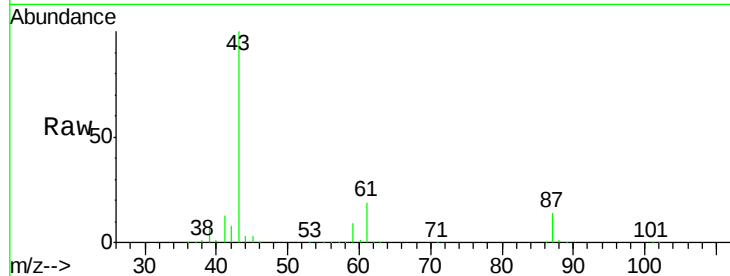
Tgt Ion: 43 Resp: 294245

Ion Ratio Lower Upper

43 100

61 19.4 15.6 23.4

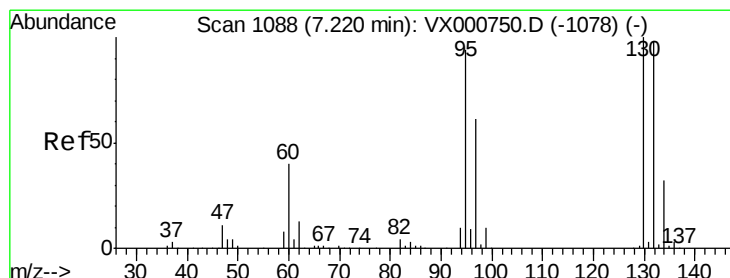
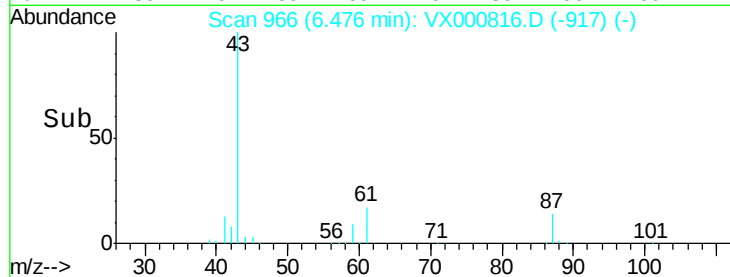
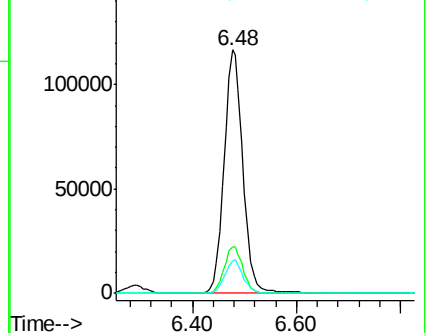
87 13.4 10.7 16.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 47.56 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. -0.00 min

Lab File: VX000816.D

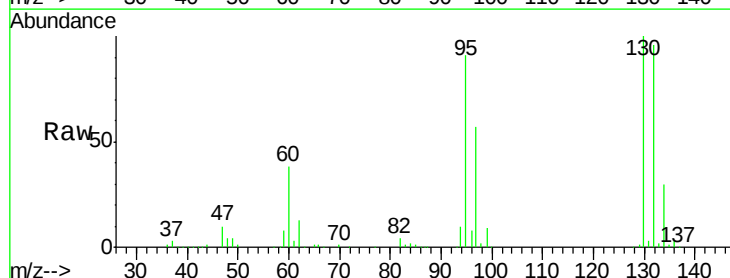
Acq: 12 Apr 2018 21:39

Tgt Ion: 130 Resp: 149449

Ion Ratio Lower Upper

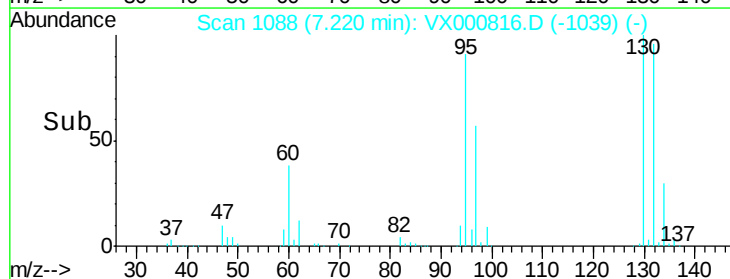
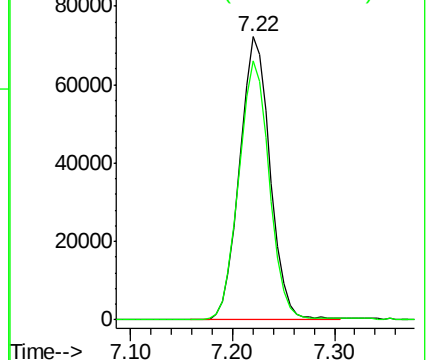
130 100

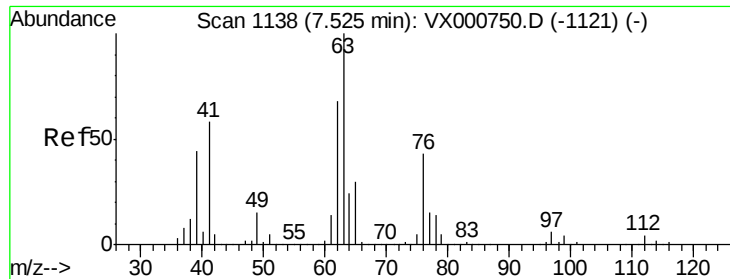
95 91.4 0.0 187.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 49.36 ug/l

RT: 7.52 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VX000816.D

Acq: 12 Apr 2018 21:39

Instrument :

MSVOA_X

ClientSampleId :

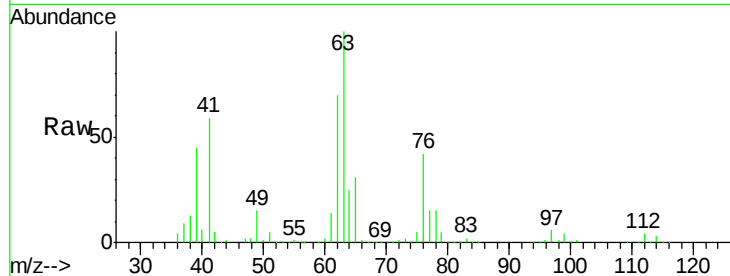
VSTDCCC050

Tgt Ion: 63 Resp: 127000

Ion Ratio Lower Upper

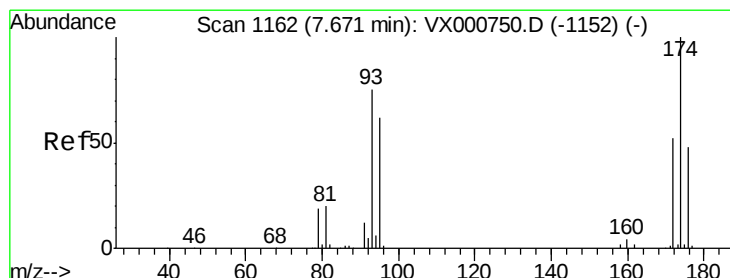
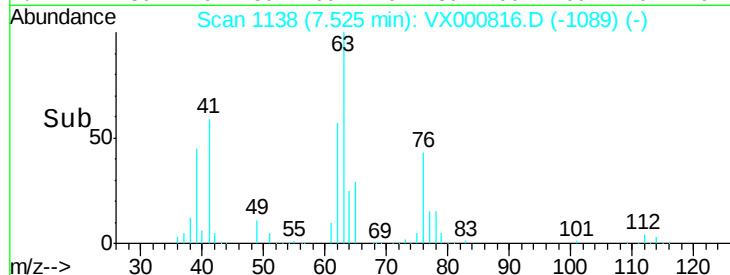
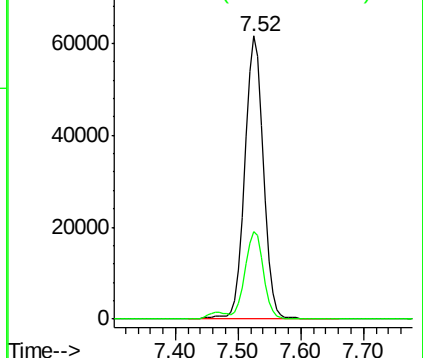
63 100

65 30.9 23.7 35.5



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 48.80 ug/l

RT: 7.67 min Scan# 1162

Delta R.T. -0.00 min

Lab File: VX000816.D

Acq: 12 Apr 2018 21:39

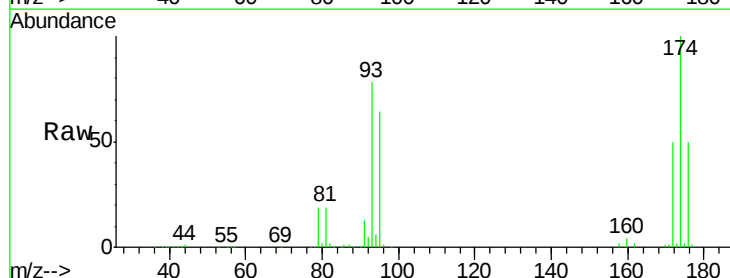
Tgt Ion: 93 Resp: 87541

Ion Ratio Lower Upper

93 100

95 83.2 66.6 100.0

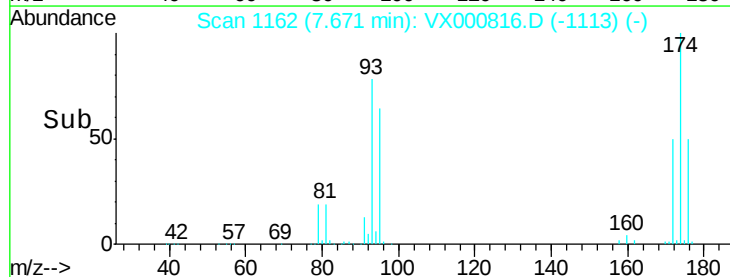
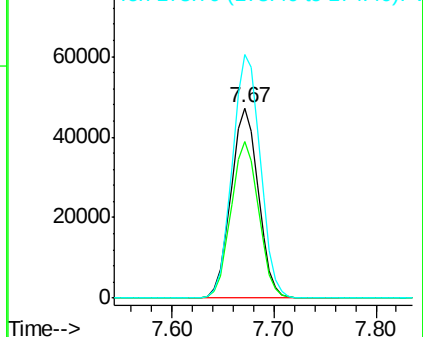
174 130.6 104.5 156.7



Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V

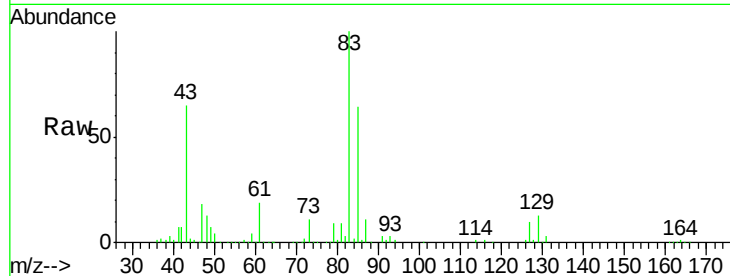




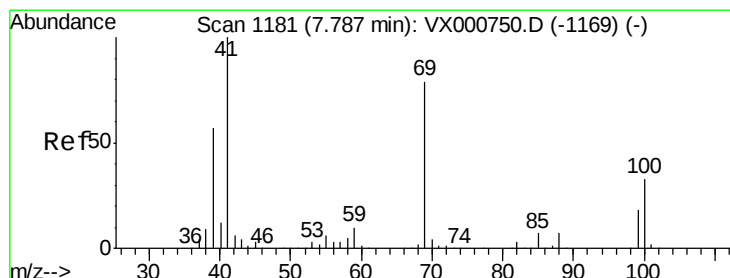
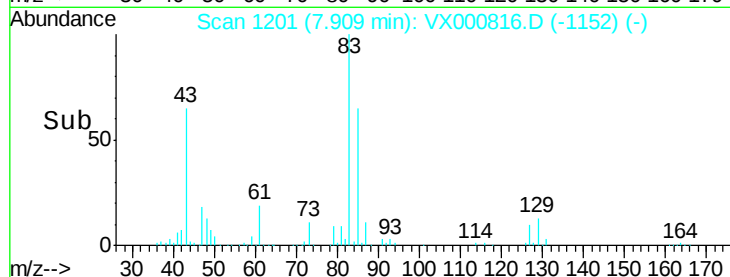
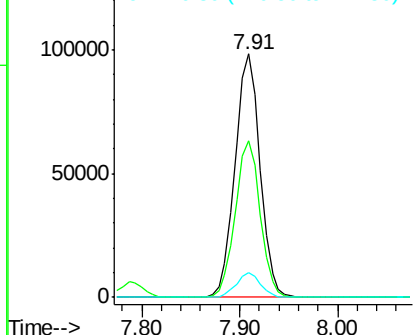
#47
 Bromodichloromethane
 Concen: 48.19 ug/l
 RT: 7.91 min Scan# 1201
 Delta R.T. -0.00 min
 Lab File: VX000816.D
 Acq: 12 Apr 2018 21:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 83 Resp: 174470
 Ion Ratio Lower Upper
 83 100
 85 64.3 52.2 78.4
 127 10.1 7.8 11.8

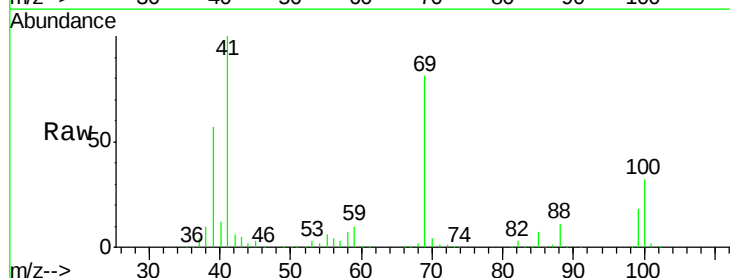


Abundance Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 126.80 (126.50 to 127.50): V

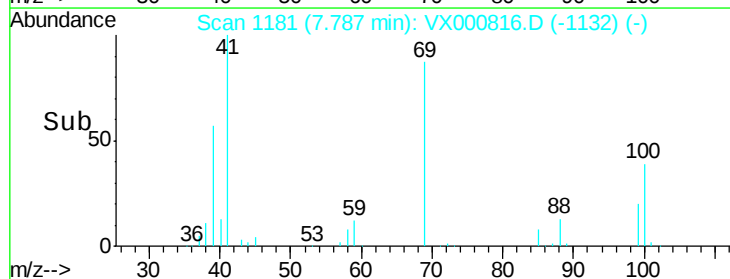
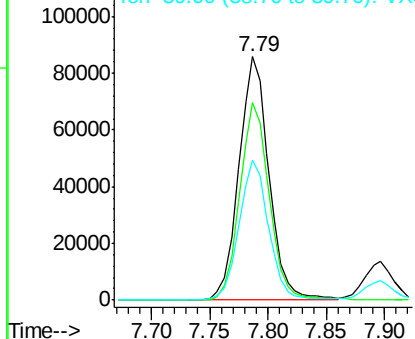


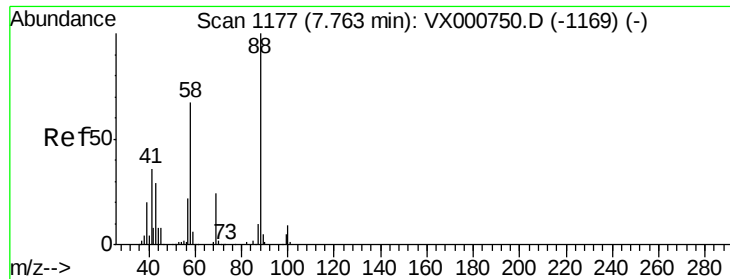
#48
 Methyl methacrylate
 Concen: 48.75 ug/l
 RT: 7.79 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VX000816.D
 Acq: 12 Apr 2018 21:39

Tgt Ion: 41 Resp: 153806
 Ion Ratio Lower Upper
 41 100
 69 80.4 63.9 95.9
 39 56.6 45.9 68.9



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

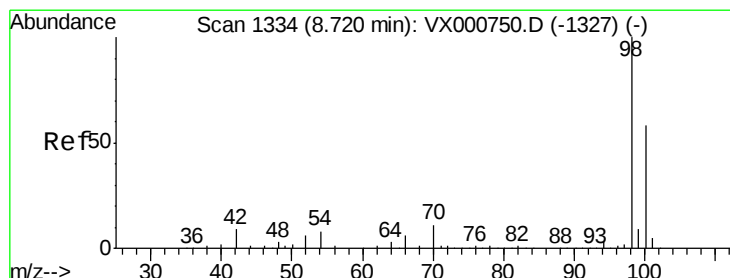
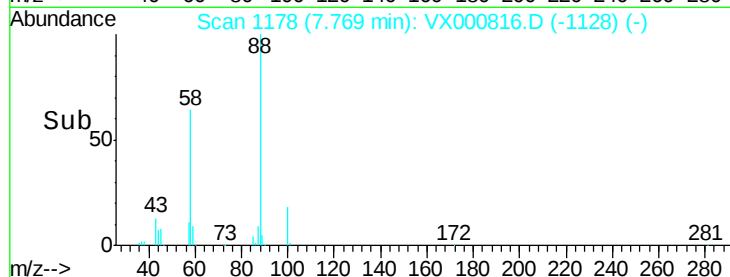
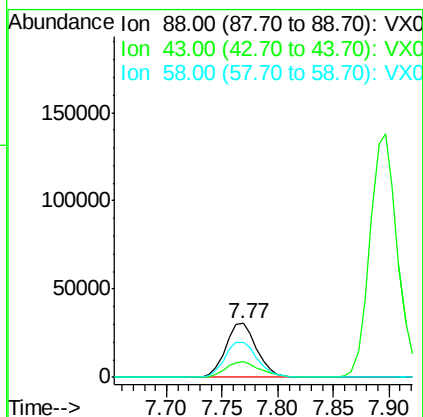
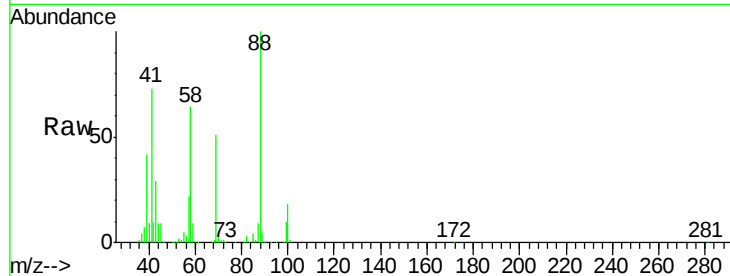




#49
1,4-Dioxane
Concen: 929.85 ug/l
RT: 7.77 min Scan# 1178
Delta R.T. 0.01 min
Lab File: VX000816.D
Acq: 12 Apr 2018 21:39

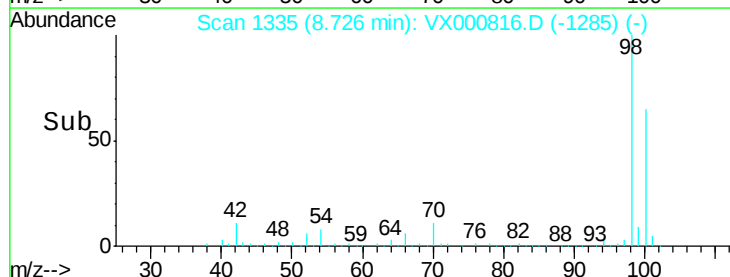
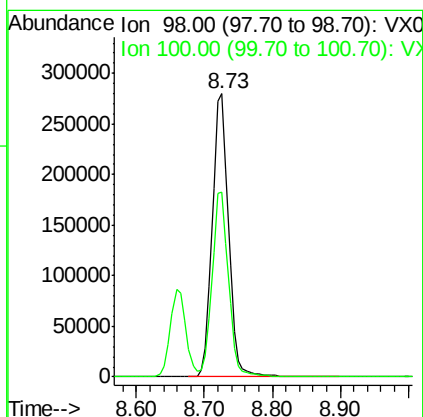
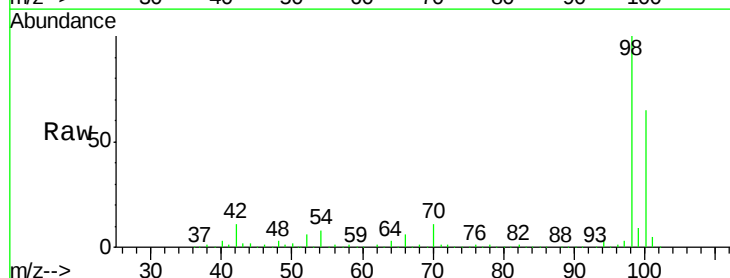
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 88 Resp: 58950
Ion Ratio Lower Upper
88 100
43 32.6 25.8 38.8
58 68.4 54.4 81.6



#50
Toluene-d8
Concen: 49.15 ug/l
RT: 8.73 min Scan# 1335
Delta R.T. 0.01 min
Lab File: VX000816.D
Acq: 12 Apr 2018 21:39

Tgt Ion: 98 Resp: 465567
Ion Ratio Lower Upper
98 100
100 66.1 52.6 79.0

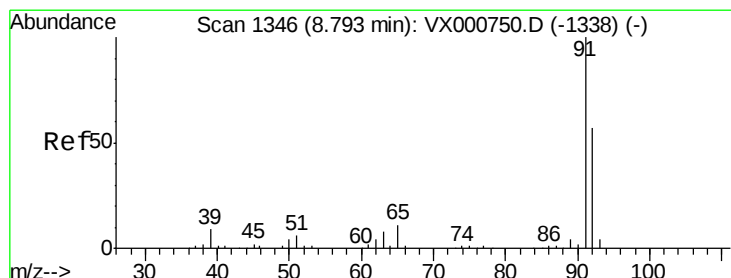
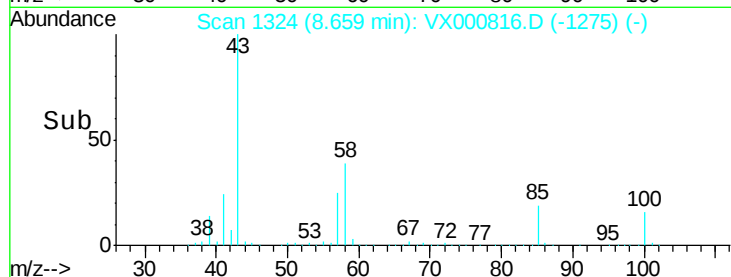
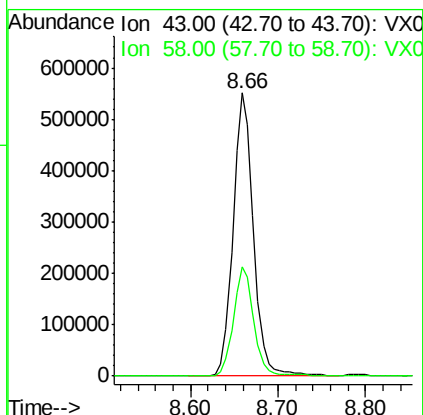
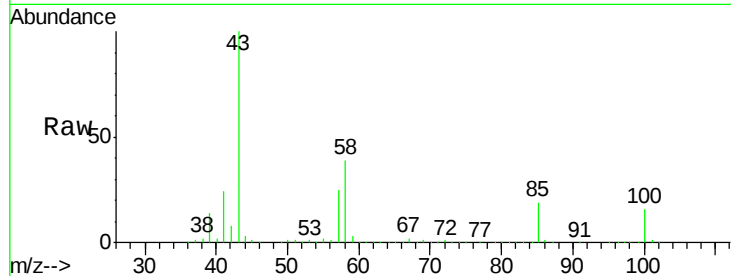




#51
 4-Methyl-2-Pentanone
 Concen: 249.84 ug/l
 RT: 8.66 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX000816.D
 Acq: 12 Apr 2018 21:39

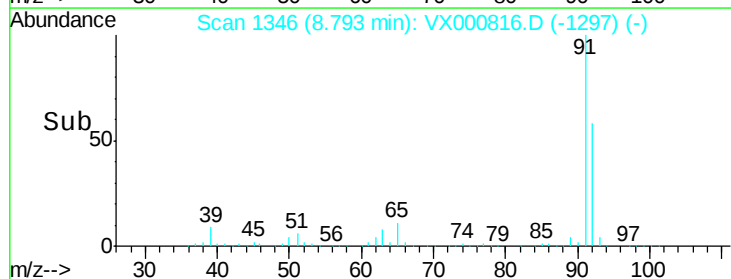
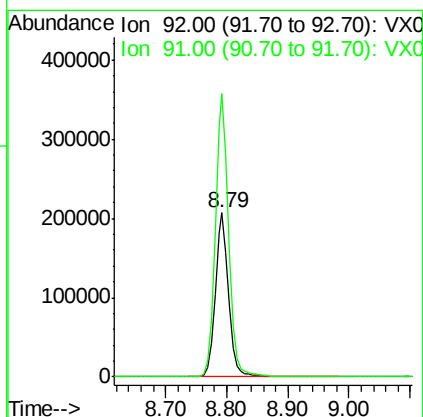
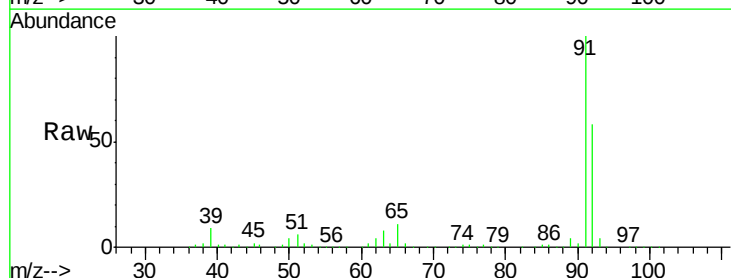
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 893170
 Ion Ratio Lower Upper
 43 100
 58 38.9 30.3 45.5



#52
 Toluene
 Concen: 47.81 ug/l
 RT: 8.79 min Scan# 1346
 Delta R.T. -0.00 min
 Lab File: VX000816.D
 Acq: 12 Apr 2018 21:39

Tgt Ion: 92 Resp: 320489
 Ion Ratio Lower Upper
 92 100
 91 174.1 139.0 208.4





#53

t-1,3-Dichloropropene

Concen: 47.80 ug/l

RT: 8.45 min Scan# 1289

Delta R.T. -0.00 min

Lab File: VX000816.D

Acq: 12 Apr 2018 21:39

Instrument :

MSVOA_X

ClientSampleId :

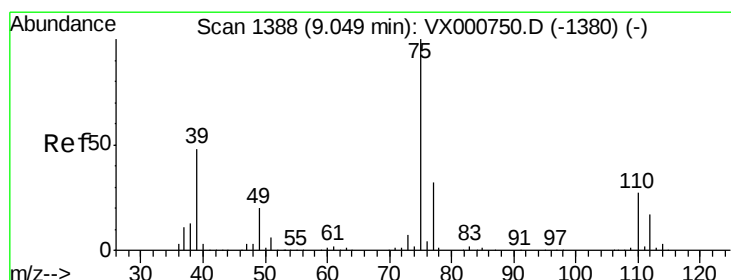
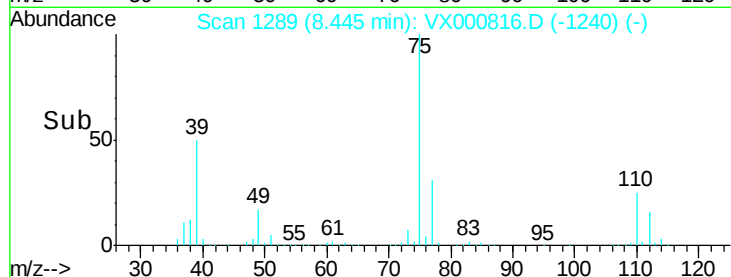
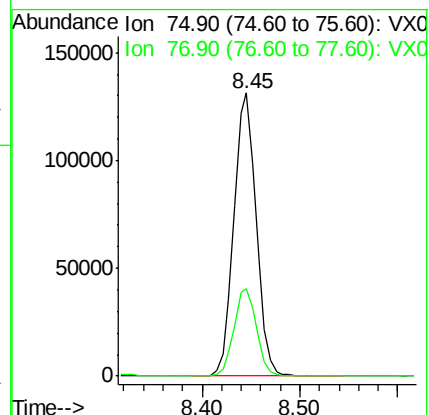
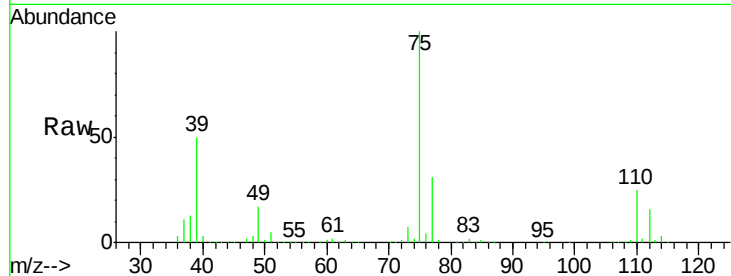
VSTDCCC050

Tgt Ion: 75 Resp: 207586

Ion Ratio Lower Upper

75 100

77 30.9 25.4 38.2



#54

cis-1,3-Dichloropropene

Concen: 46.90 ug/l

RT: 9.05 min Scan# 1388

Delta R.T. -0.00 min

Lab File: VX000816.D

Acq: 12 Apr 2018 21:39

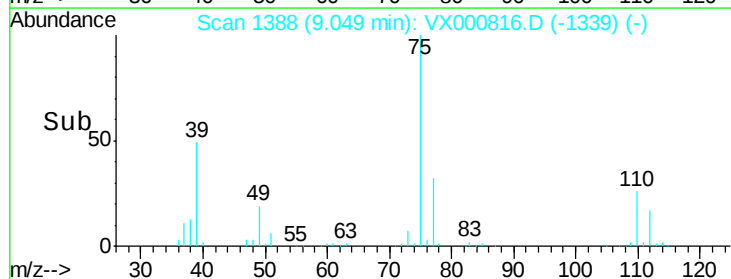
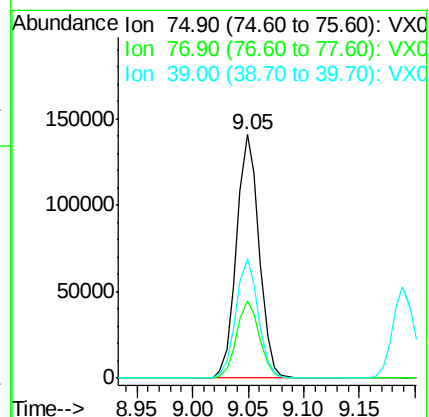
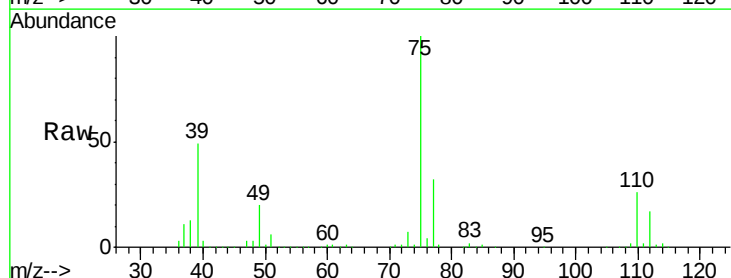
Tgt Ion: 75 Resp: 198302

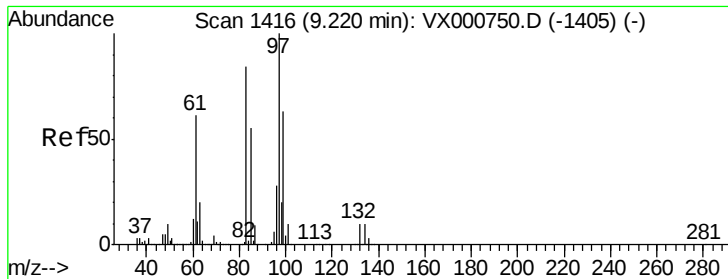
Ion Ratio Lower Upper

75 100

77 31.9 25.4 38.2

39 48.8 38.6 58.0

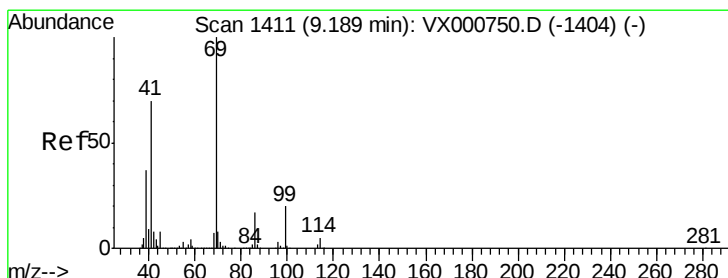
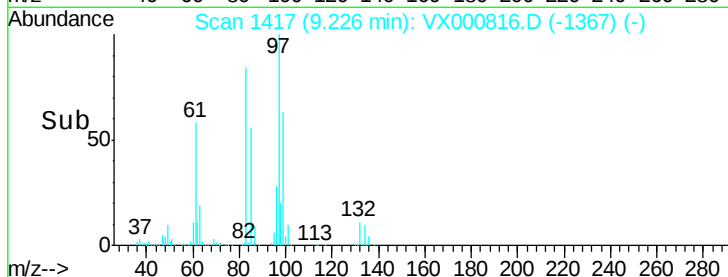
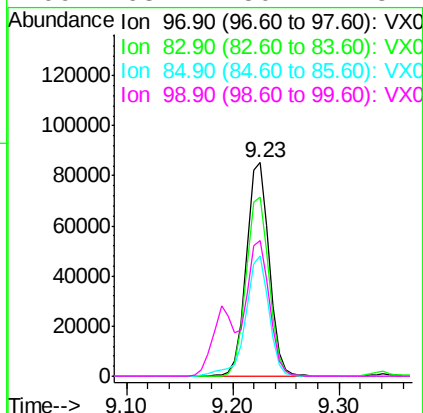
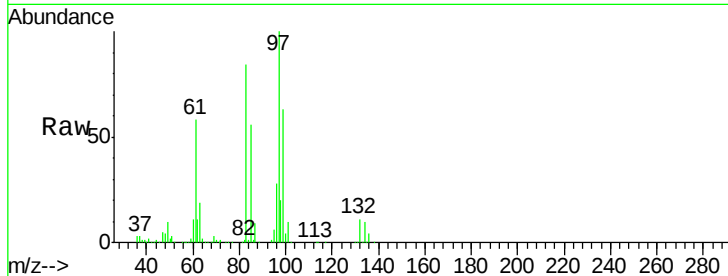




#55
 1,1,2-Trichloroethane
 Concen: 48.39 ug/l
 RT: 9.23 min Scan# 1417
 Delta R.T. 0.01 min
 Lab File: VX000816.D
 Acq: 12 Apr 2018 21:39

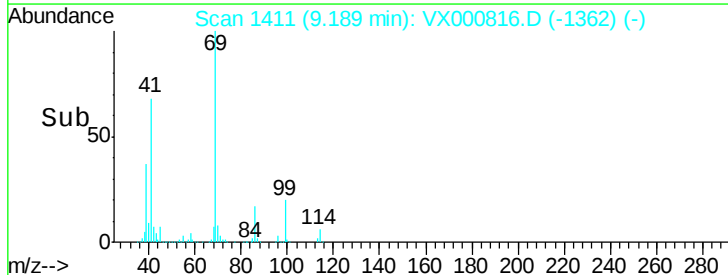
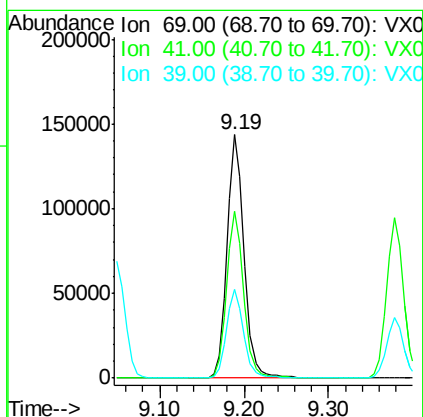
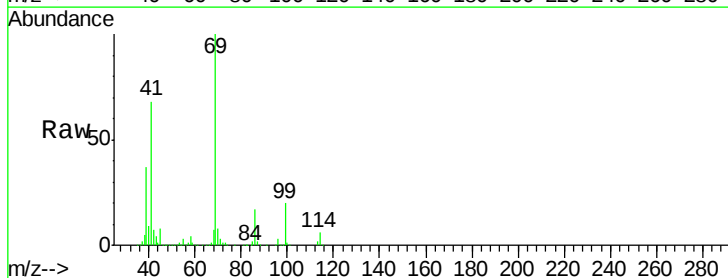
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

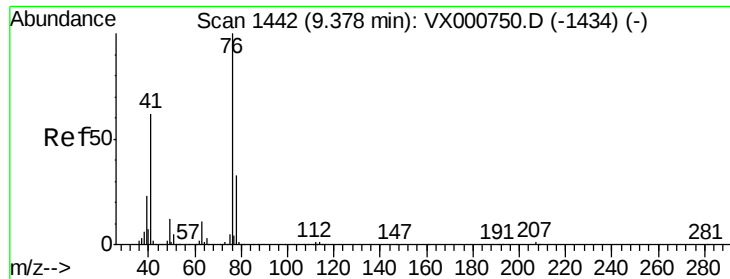
Tgt Ion:	97	Resp:	128764
Ion	Ratio	Lower	Upper
97	100		
83	83.7	67.6	101.4
85	56.1	43.8	65.6
99	63.4	50.2	75.4



#56
 Ethyl methacrylate
 Concen: 48.67 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. -0.00 min
 Lab File: VX000816.D
 Acq: 12 Apr 2018 21:39

Tgt Ion:	69	Resp:	199810
Ion	Ratio	Lower	Upper
69	100		
41	68.8	55.6	83.4
39	36.7	30.3	45.5





#57

1,3-Dichloropropane

Concen: 49.95 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. -0.00 min

Lab File: VX000816.D

Acq: 12 Apr 2018 21:39

Instrument :

MSVOA_X

ClientSampleId :

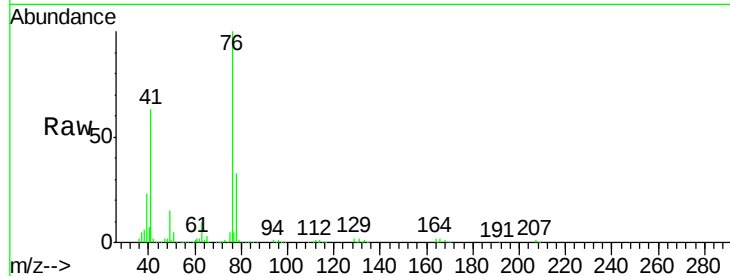
VSTDCCC050

Tgt Ion: 76 Resp: 211323

Ion Ratio Lower Upper

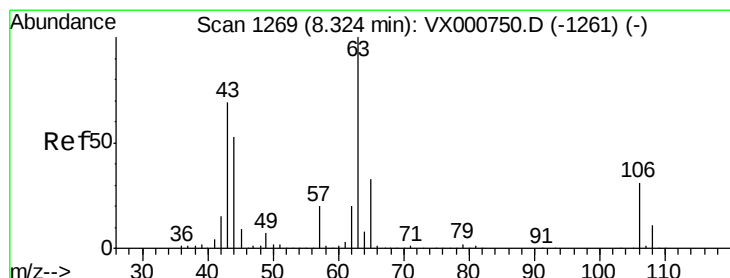
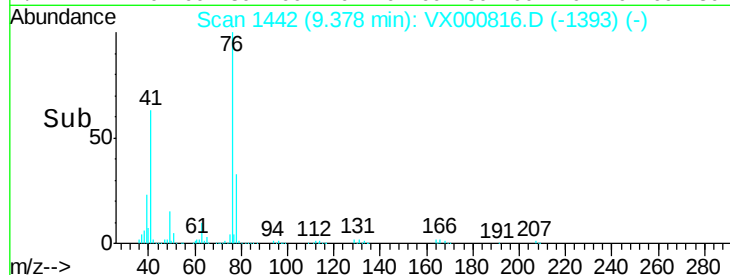
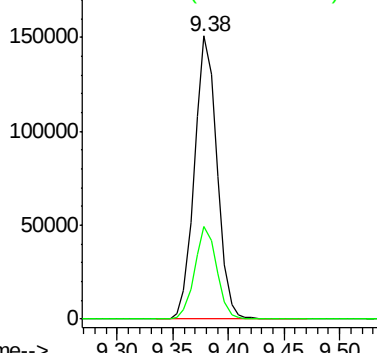
76 100

78 32.0 25.8 38.6



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 247.07 ug/l

RT: 8.32 min Scan# 1269

Delta R.T. -0.00 min

Lab File: VX000816.D

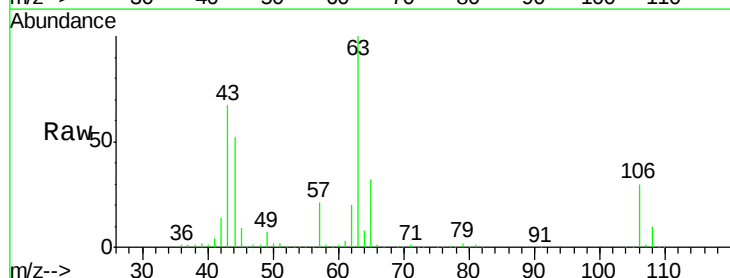
Acq: 12 Apr 2018 21:39

Tgt Ion: 63 Resp: 473868

Ion Ratio Lower Upper

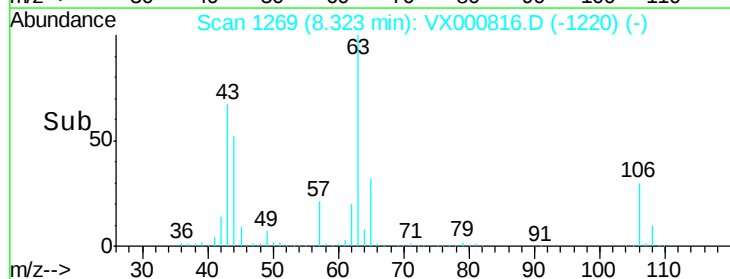
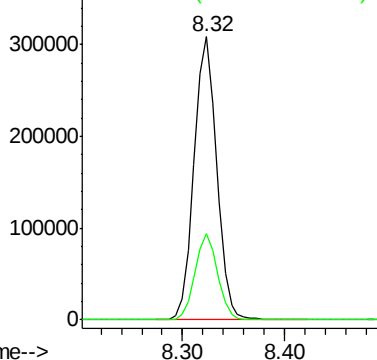
63 100

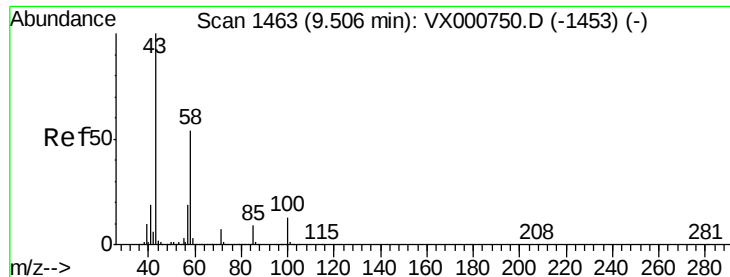
106 30.3 24.3 36.5



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

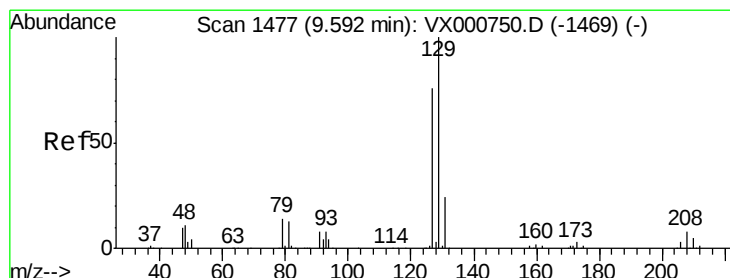
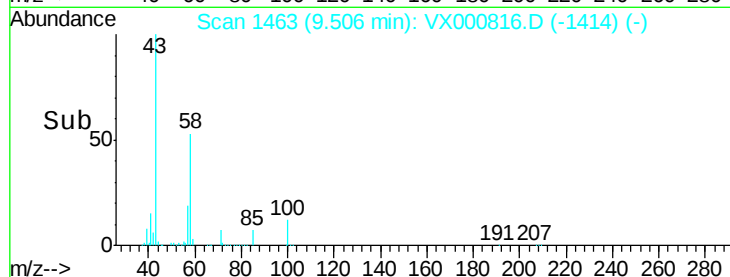
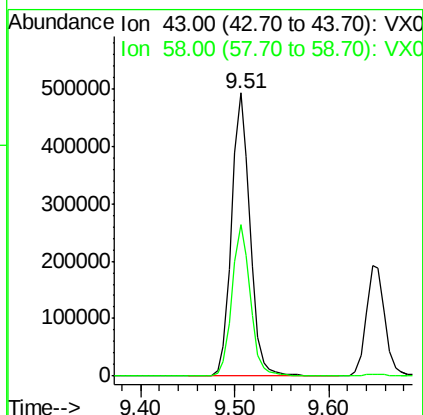
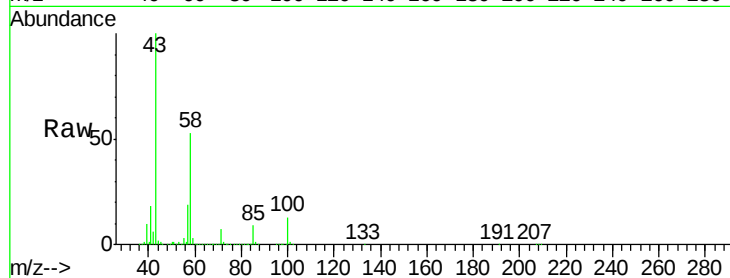




#59
2-Hexanone
Concen: 242.45 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. -0.00 min
Lab File: VX000816.D
Acq: 12 Apr 2018 21:39

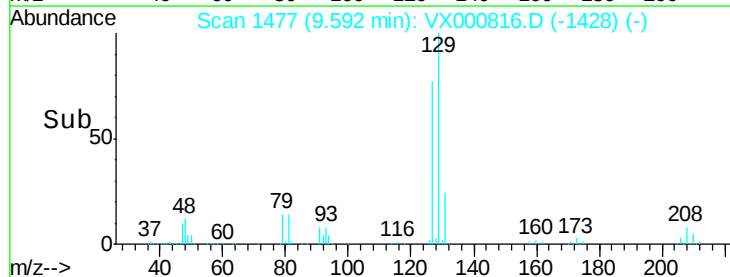
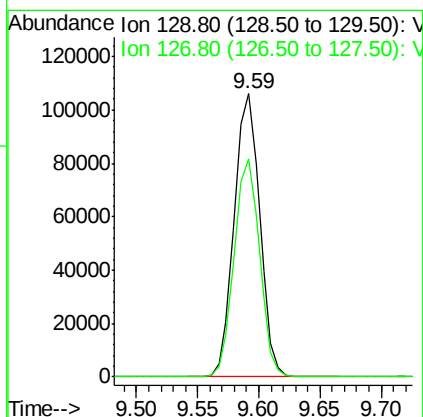
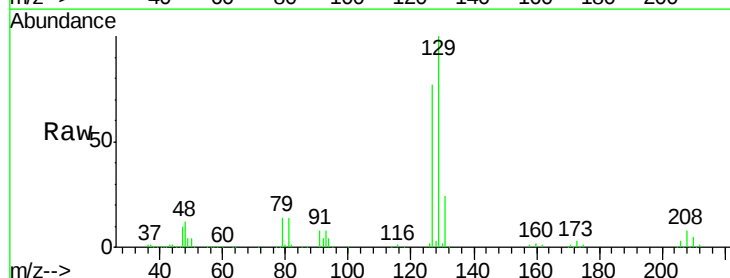
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

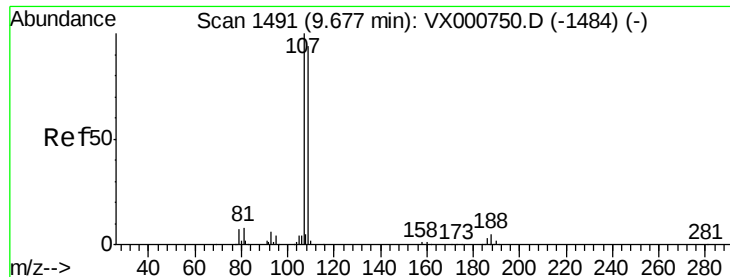
Tgt Ion: 43 Resp: 669142
Ion Ratio Lower Upper
43 100
58 53.3 26.5 79.5



#60
Dibromochloromethane
Concen: 48.09 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. -0.00 min
Lab File: VX000816.D
Acq: 12 Apr 2018 21:39

Tgt Ion: 129 Resp: 153123
Ion Ratio Lower Upper
129 100
127 76.5 38.4 115.1

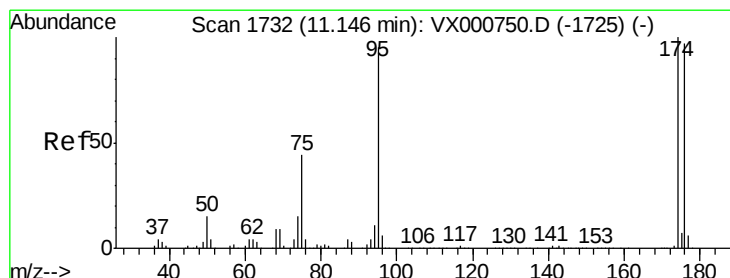
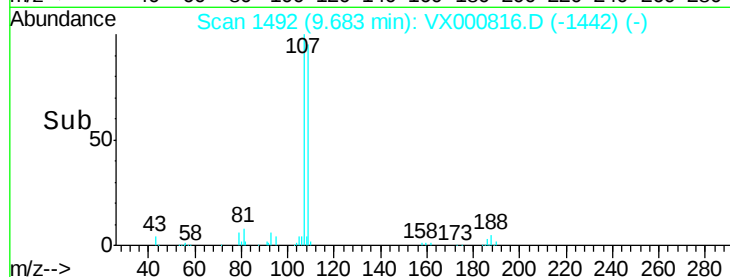
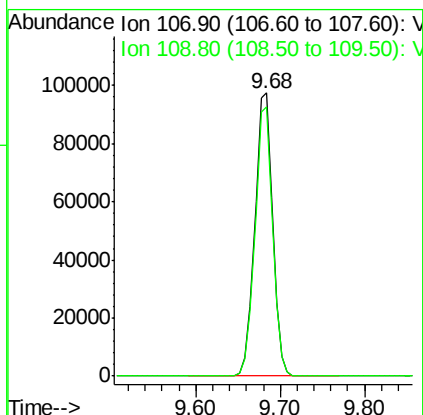
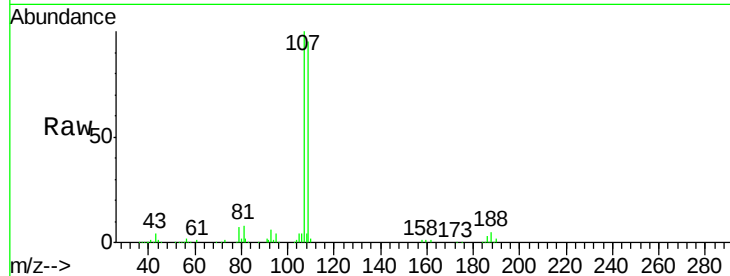




#61
 1,2-Dibromoethane
 Concen: 49.58 ug/l
 RT: 9.68 min Scan# 1492
 Delta R.T. 0.01 min
 Lab File: VX000816.D
 Acq: 12 Apr 2018 21:39

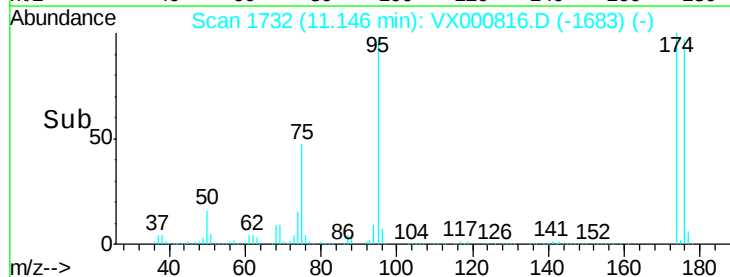
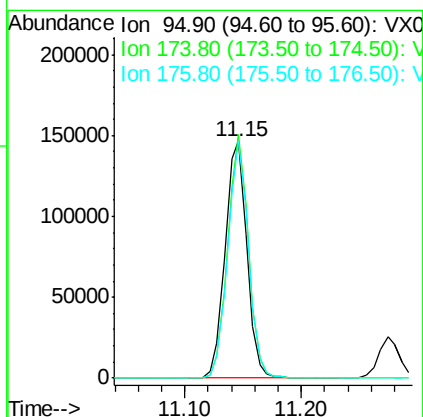
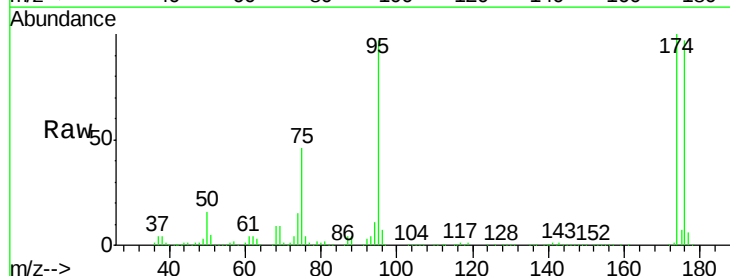
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 107 Resp: 139958
 Ion Ratio Lower Upper
 107 100
 109 94.4 76.2 114.4



#62
 4-Bromofluorobenzene
 Concen: 48.17 ug/l
 RT: 11.15 min Scan# 1732
 Delta R.T. -0.00 min
 Lab File: VX000816.D
 Acq: 12 Apr 2018 21:39

Tgt Ion: 95 Resp: 188751
 Ion Ratio Lower Upper
 95 100
 174 98.4 0.0 198.4
 176 95.7 0.0 194.4

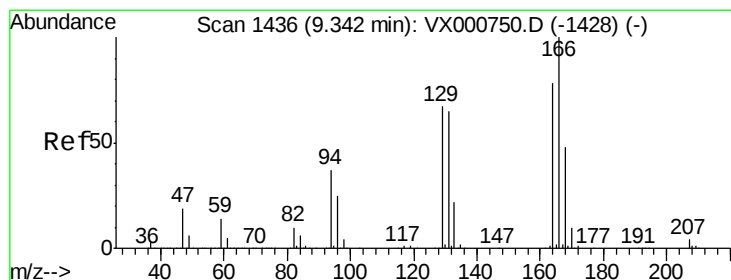
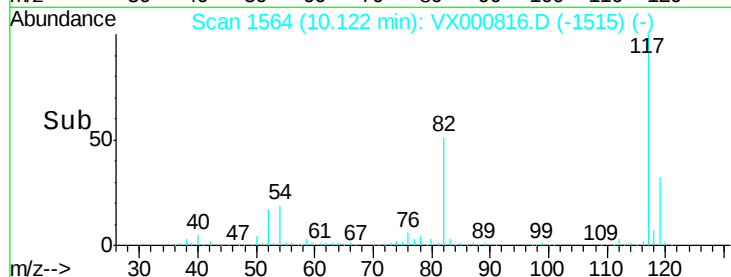
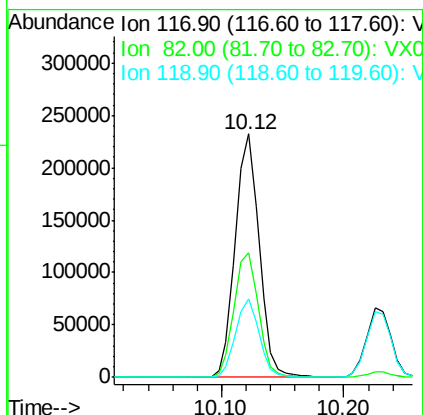
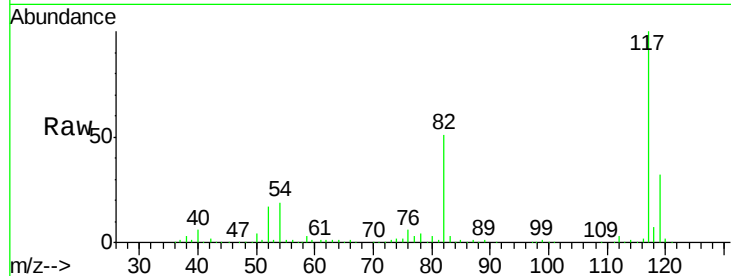




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX000816.D
Acq: 12 Apr 2018 21:39

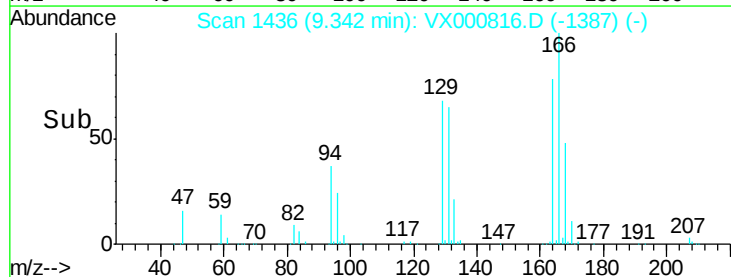
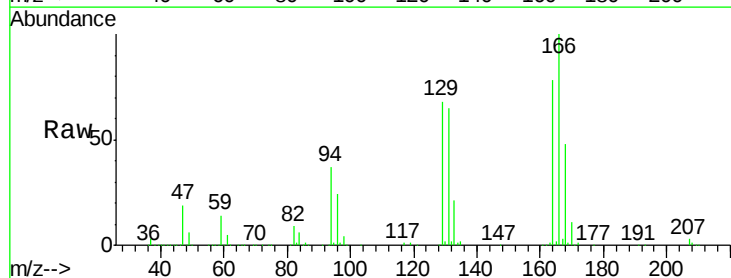
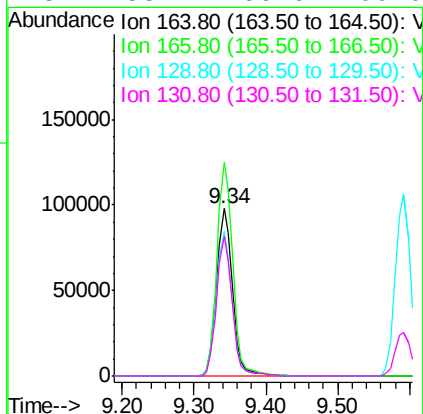
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

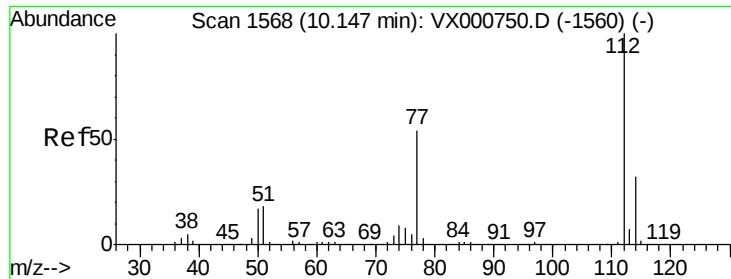
Tgt Ion:117 Resp: 315108
Ion Ratio Lower Upper
117 100
82 51.4 41.9 62.9
119 32.1 26.0 39.0



#64
Tetrachloroethene
Concen: 48.11 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.00 min
Lab File: VX000816.D
Acq: 12 Apr 2018 21:39

Tgt Ion:164 Resp: 148232
Ion Ratio Lower Upper
164 100
166 127.4 102.8 154.2
129 86.3 68.5 102.7
131 83.1 66.6 100.0

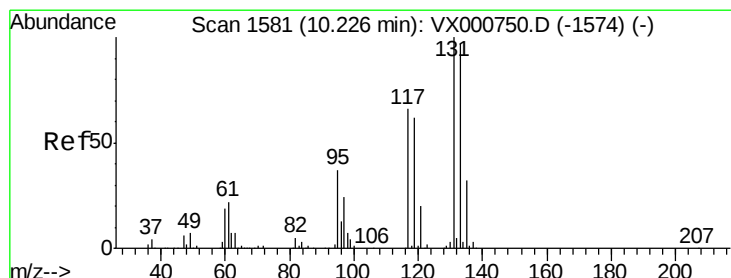
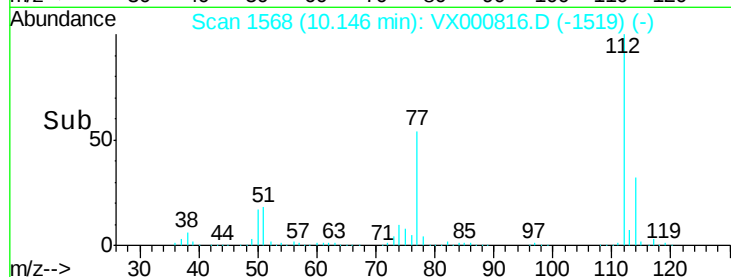
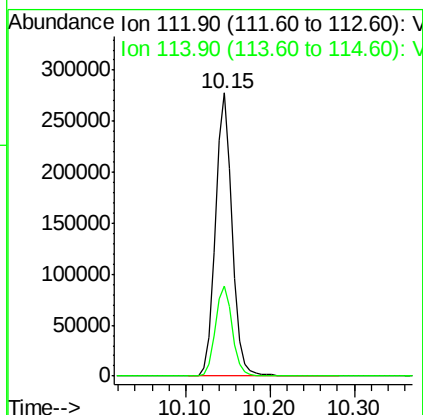
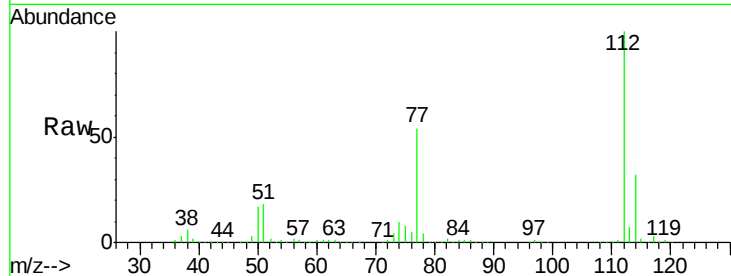




#65
Chlorobenzene
Concen: 48.01 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX000816.D
Acq: 12 Apr 2018 21:39

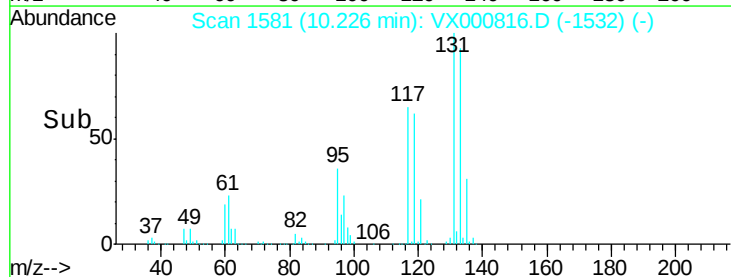
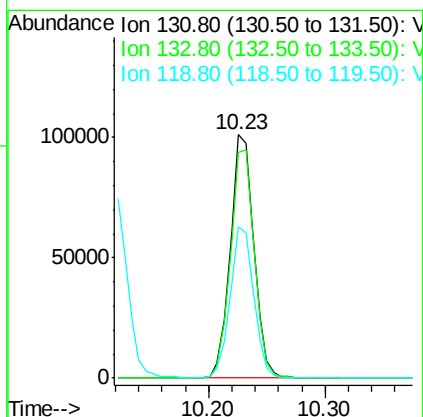
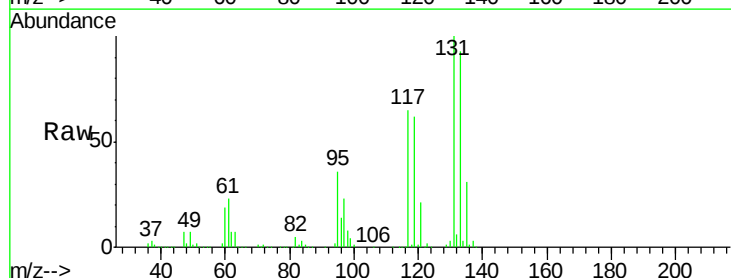
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

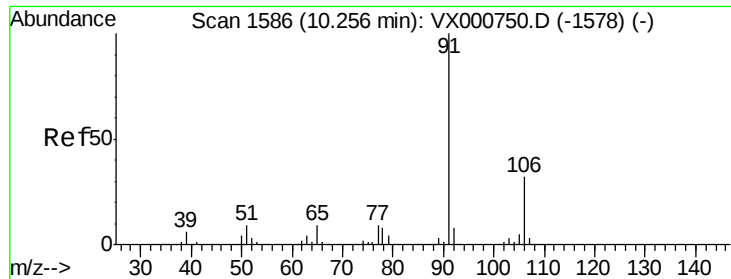
Tgt Ion:112 Resp: 380571
Ion Ratio Lower Upper
112 100
114 31.8 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 47.81 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. -0.00 min
Lab File: VX000816.D
Acq: 12 Apr 2018 21:39

Tgt Ion:131 Resp: 142651
Ion Ratio Lower Upper
131 100
133 95.3 48.3 144.9
119 62.5 31.4 94.0

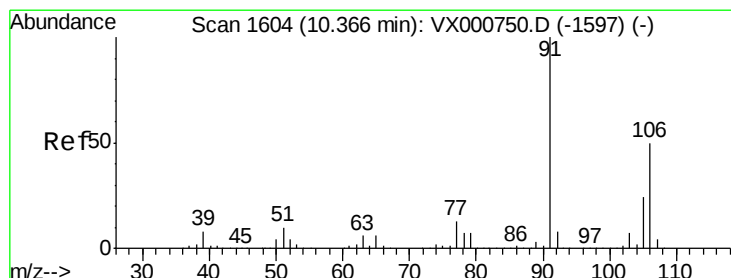
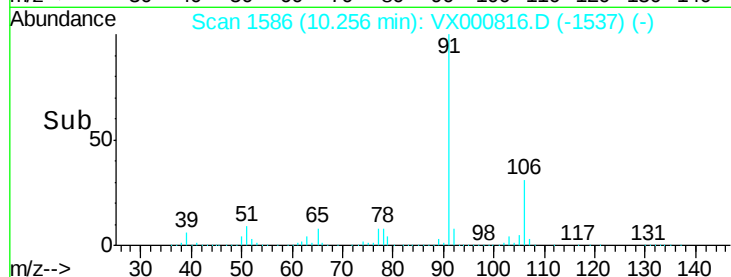
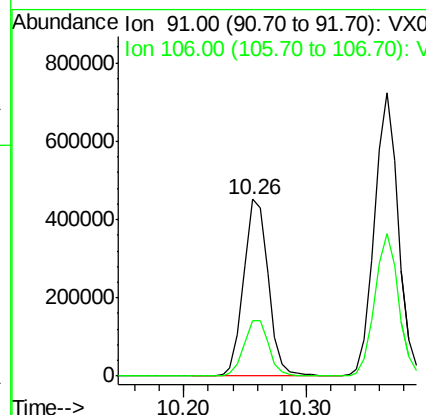
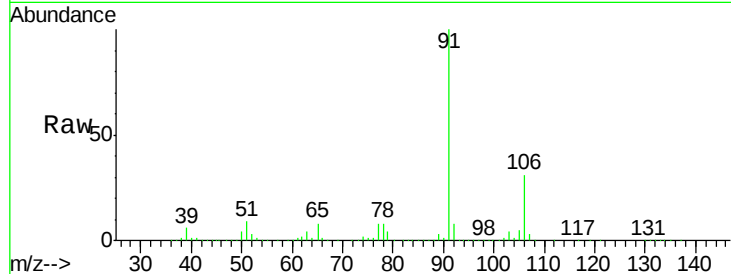




#67
 Ethyl Benzene
 Concen: 47.61 ug/l
 RT: 10.26 min Scan# 1586
 Delta R.T. -0.00 min
 Lab File: VX000816.D
 Acq: 12 Apr 2018 21:39

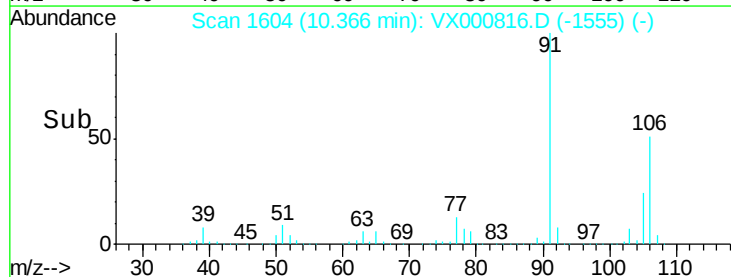
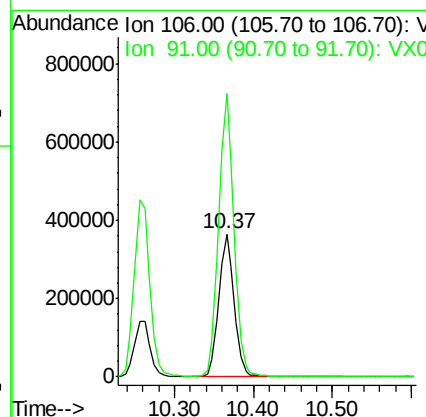
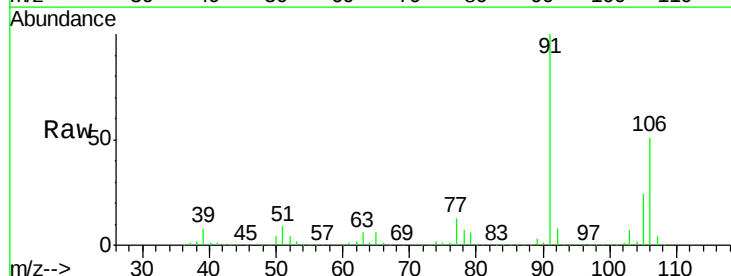
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

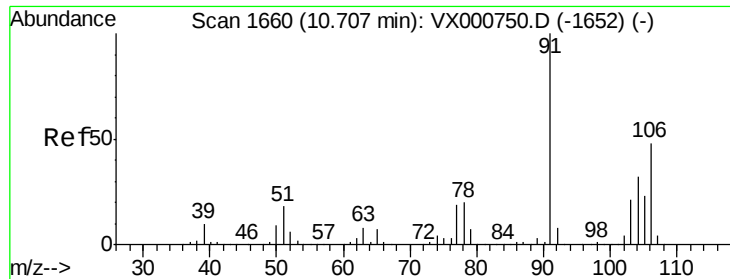
Tgt Ion: 91 Resp: 629186
 Ion Ratio Lower Upper
 91 100
 106 31.4 25.4 38.0



#68
 m/p-Xylenes
 Concen: 94.84 ug/l
 RT: 10.37 min Scan# 1604
 Delta R.T. -0.00 min
 Lab File: VX000816.D
 Acq: 12 Apr 2018 21:39

Tgt Ion: 106 Resp: 494700
 Ion Ratio Lower Upper
 106 100
 91 198.9 159.3 238.9

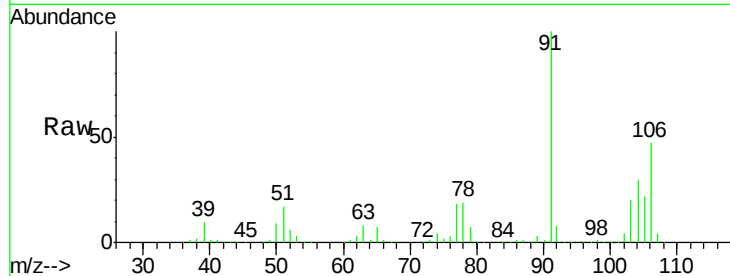




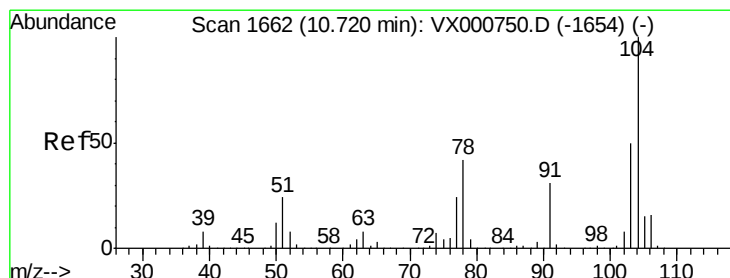
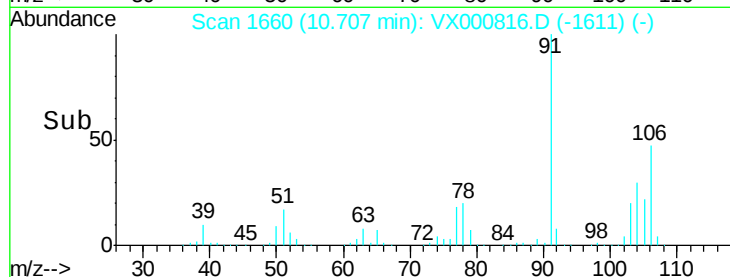
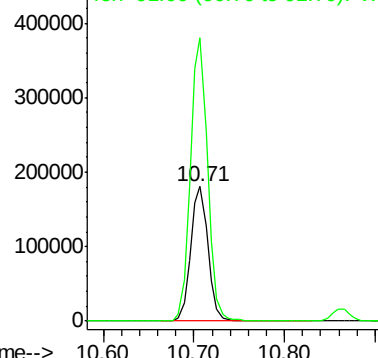
#69
o-Xylene
Concen: 47.92 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. -0.00 min
Lab File: VX000816.D
Acq: 12 Apr 2018 21:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 240925
Ion Ratio Lower Upper
106 100
91 210.3 105.0 315.0

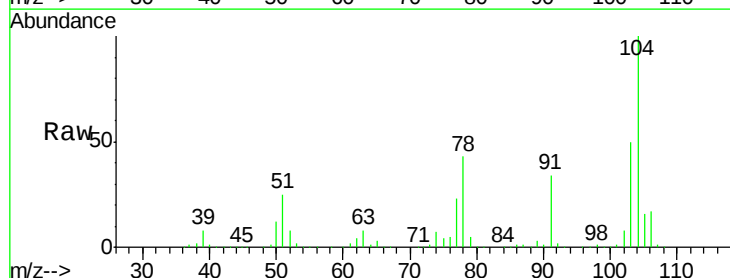


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

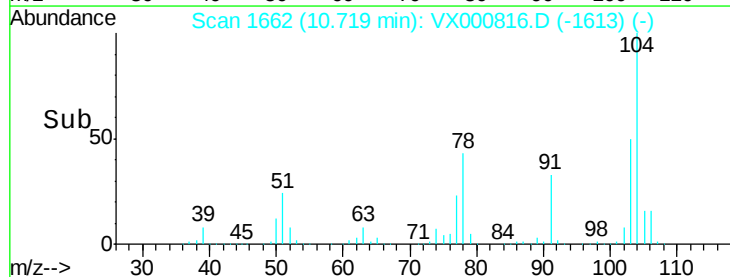
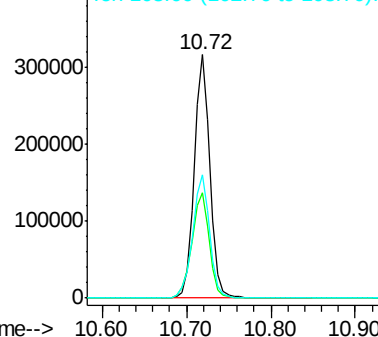


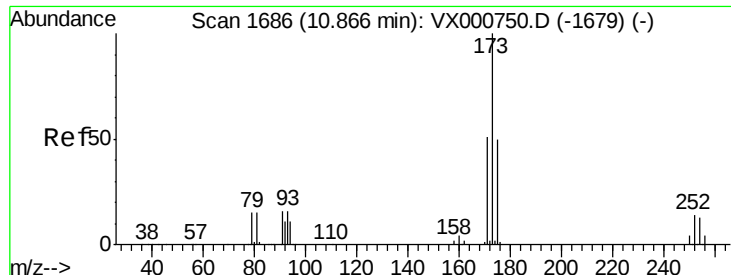
#70
Styrene
Concen: 48.08 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. -0.00 min
Lab File: VX000816.D
Acq: 12 Apr 2018 21:39

Tgt Ion:104 Resp: 407559
Ion Ratio Lower Upper
104 100
78 48.2 39.0 58.6
103 55.2 44.1 66.1



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





#71

Bromoform

Concen: 47.26 ug/l

RT: 10.87 min Scan# 1686

Delta R.T. -0.00 min

Lab File: VX000816.D

Acq: 12 Apr 2018 21:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

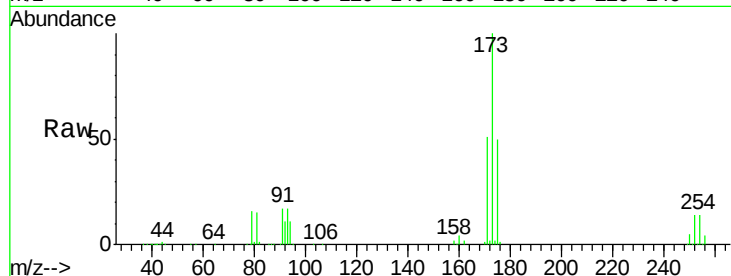
Tgt Ion:173 Resp: 130562

Ion Ratio Lower Upper

173 100

175 49.3 24.5 73.5

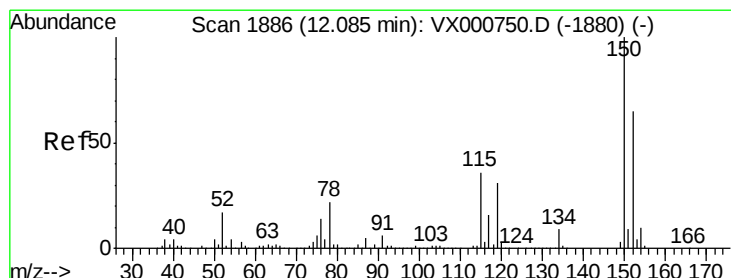
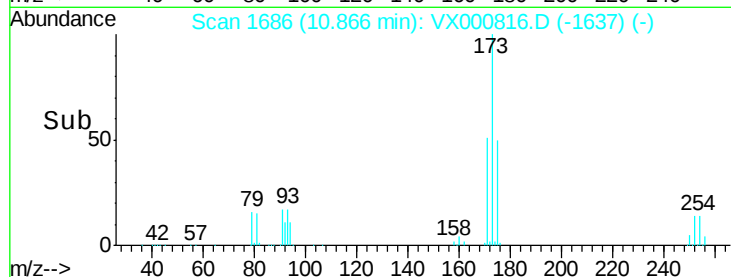
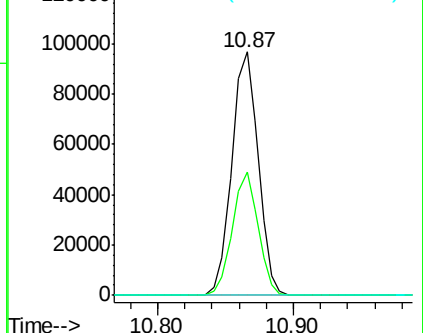
254 0.2 0.2 0.2



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: VX000816.D

Acq: 12 Apr 2018 21:39

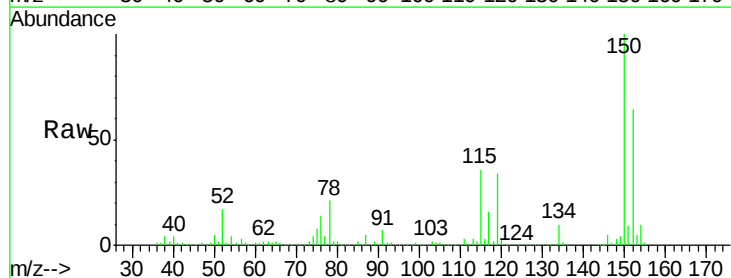
Tgt Ion:152 Resp: 211377

Ion Ratio Lower Upper

152 100

115 74.9 37.9 113.7

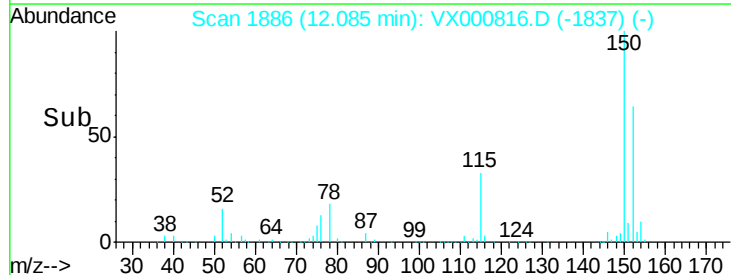
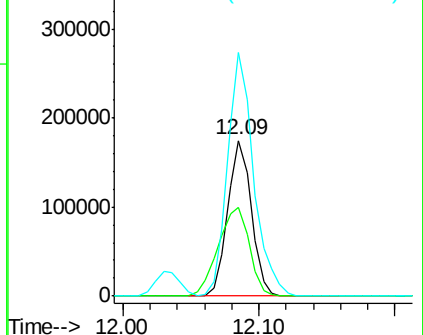
150 172.5 0.0 348.0

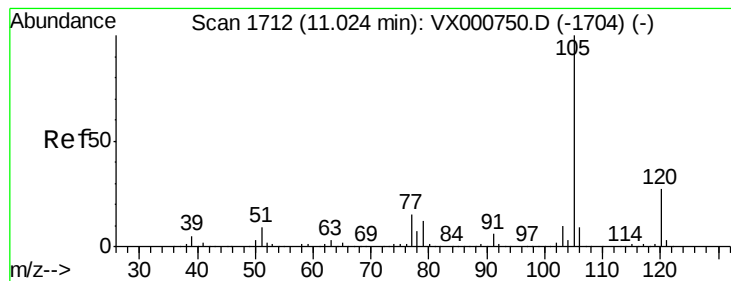


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 48.45 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX000816.D

Acq: 12 Apr 2018 21:39

Instrument :

MSVOA_X

ClientSampleId :

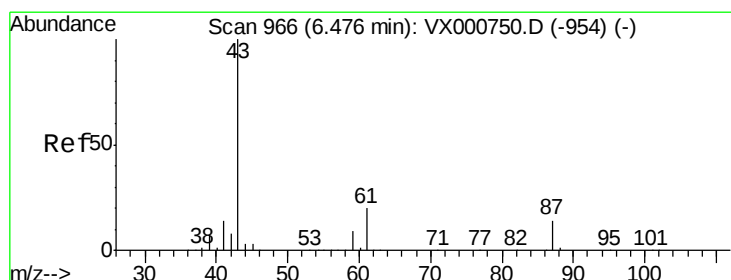
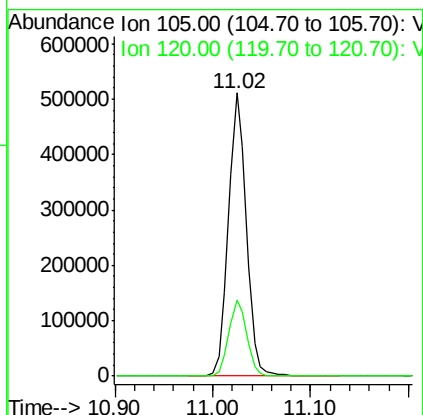
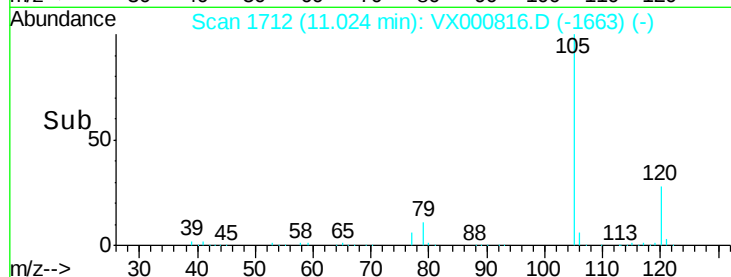
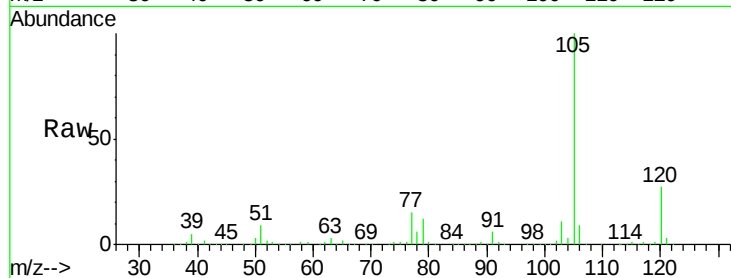
VSTDCCC050

Tgt Ion: 105 Resp: 649719

Ion Ratio Lower Upper

105 100

120 27.3 13.7 41.0



#74

N-ethyl acetate

Concen: 48.73 ug/l

RT: 6.48 min Scan# 966

Delta R.T. -0.00 min

Lab File: VX000816.D

Acq: 12 Apr 2018 21:39

Tgt Ion: 43 Resp: 294245

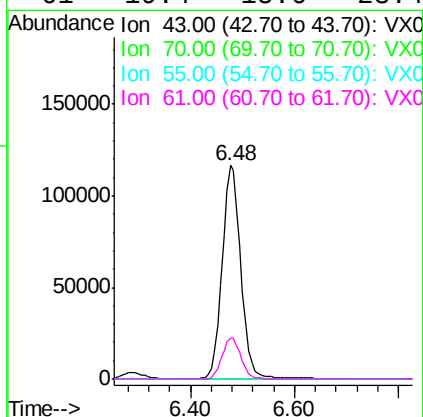
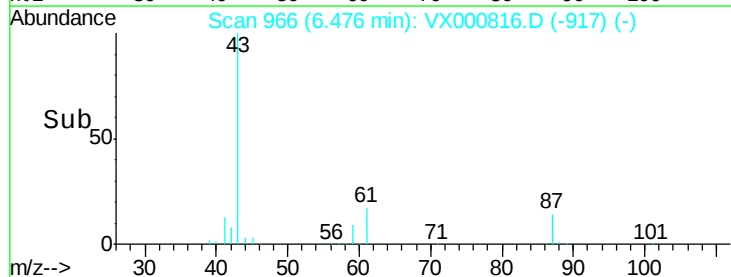
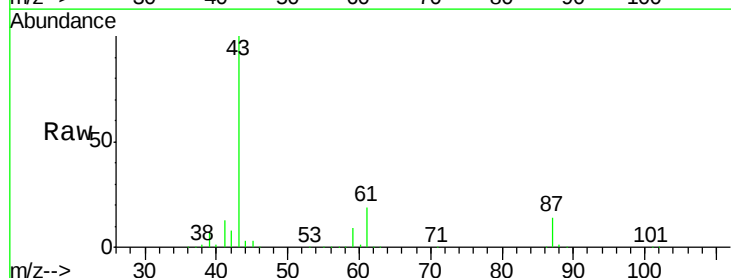
Ion Ratio Lower Upper

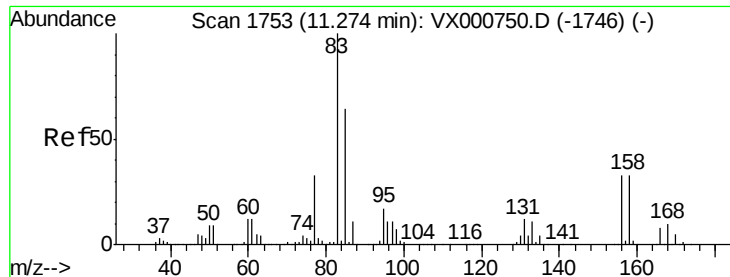
43 100

70 0.0 0.0 0.0

55 0.2 0.0 0.0#

61 19.4 15.6 23.4





#75

1,1,2,2-Tetrachloroethane

Concen: 49.24 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX000816.D

Acq: 12 Apr 2018 21:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

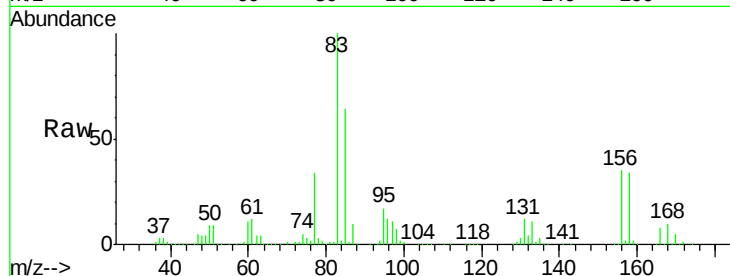
Tgt Ion: 83 Resp: 191615

Ion Ratio Lower Upper

83 100

131 11.8 6.0 18.0

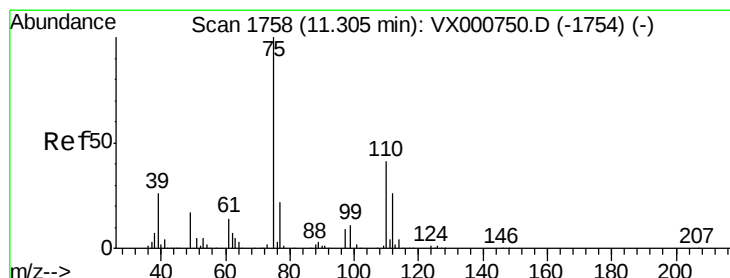
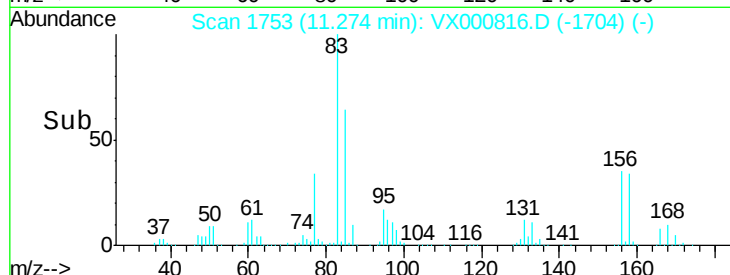
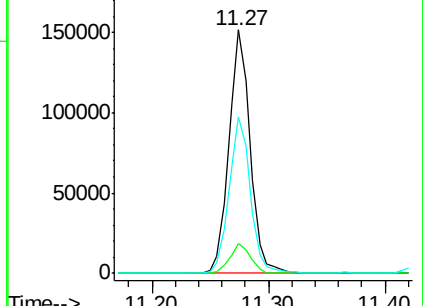
85 64.6 32.3 96.8



Abundance Ion 82.90 (82.60 to 83.60): VX000816.D (-1704) (-)

Ion 130.80 (130.50 to 131.50): VX000816.D (-1704) (-)

Ion 84.90 (84.60 to 85.60): VX000816.D (-1704) (-)



#76

1,2,3-Trichloropropane

Concen: 62.31 ug/l

RT: 11.30 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VX000816.D

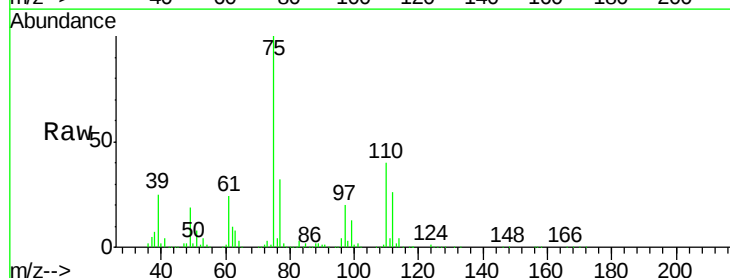
Acq: 12 Apr 2018 21:39

Tgt Ion: 75 Resp: 227129

Ion Ratio Lower Upper

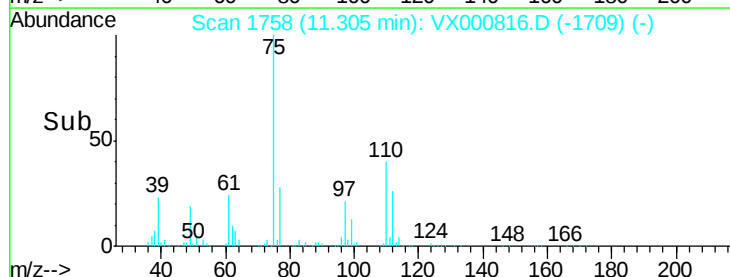
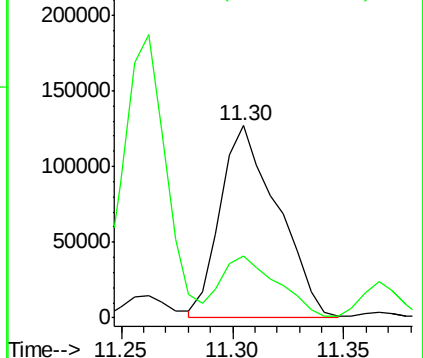
75 100

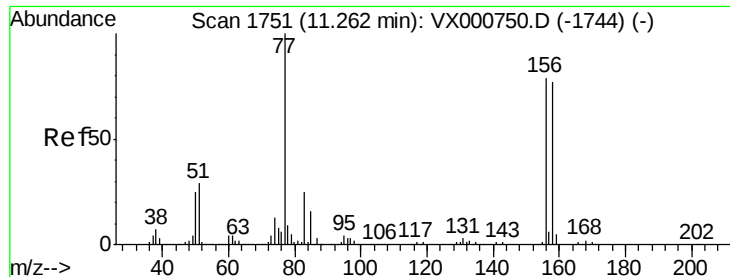
77 31.8 20.5 61.5



Abundance Ion 74.90 (74.60 to 75.60): VX000816.D (-1709) (-)

Ion 77.00 (76.70 to 77.70): VX000816.D (-1709) (-)





#77

Bromobenzene

Concen: 48.36 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.00 min

Lab File: VX000816.D

Acq: 12 Apr 2018 21:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

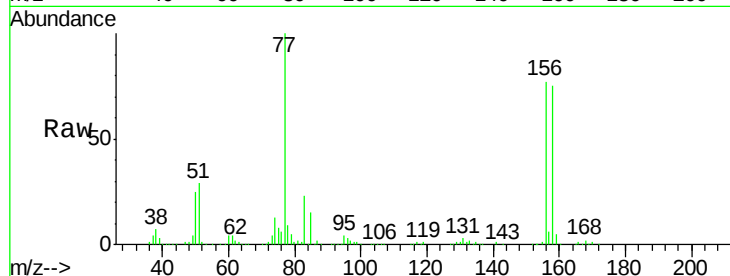
Tgt Ion:156 Resp: 190032

Ion Ratio Lower Upper

156 100

77 131.1 66.0 198.2

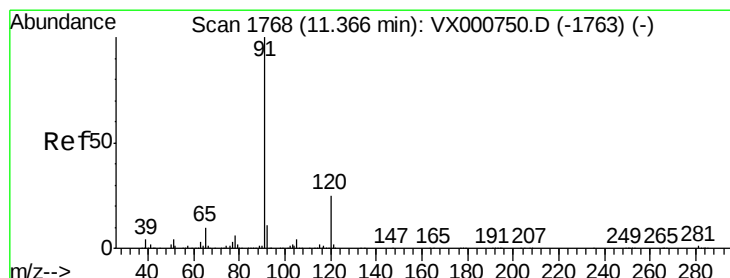
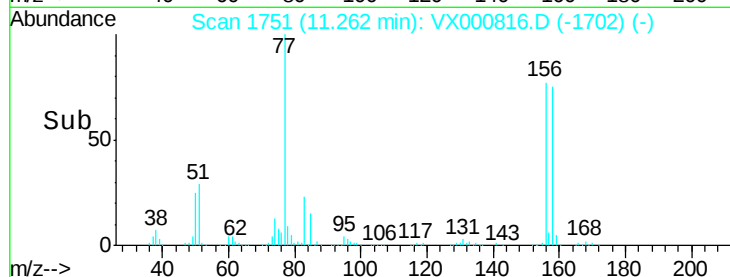
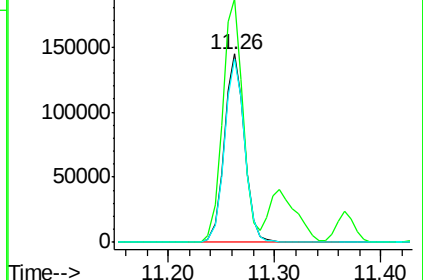
158 97.8 48.8 146.4



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: 47.56 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX000816.D

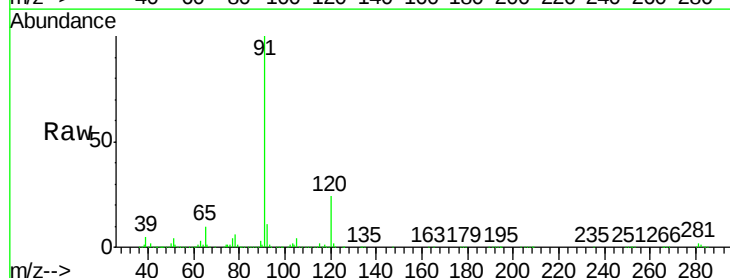
Acq: 12 Apr 2018 21:39

Tgt Ion: 91 Resp: 729475

Ion Ratio Lower Upper

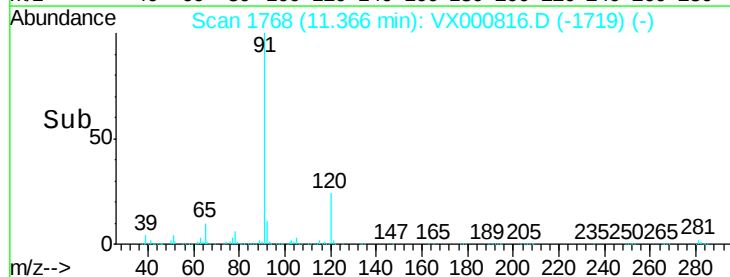
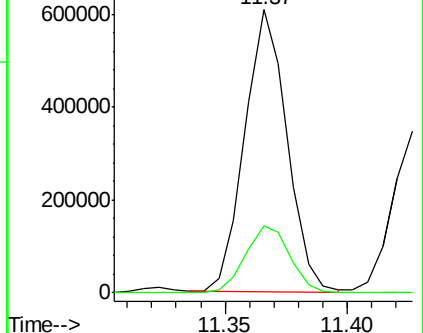
91 100

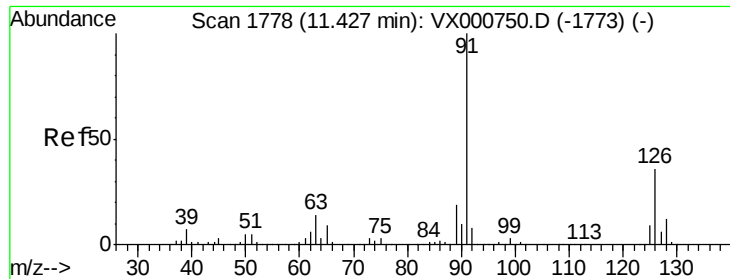
120 25.0 12.6 37.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 47.94 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX000816.D

Acq: 12 Apr 2018 21:39

Instrument :

MSVOA_X

ClientSampleId :

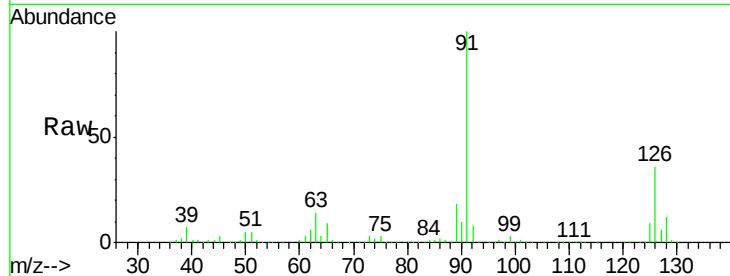
VSTDCCC050

Tgt Ion: 91 Resp: 434563

Ion Ratio Lower Upper

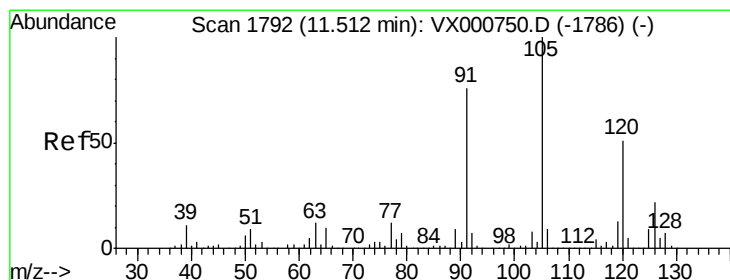
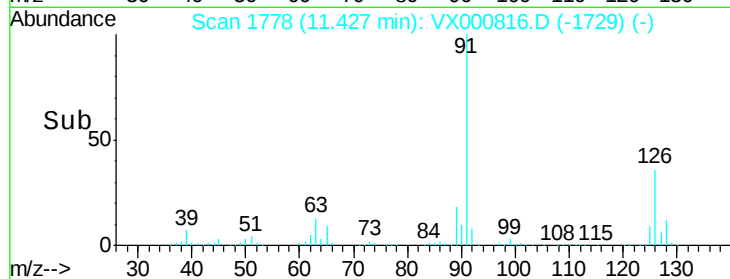
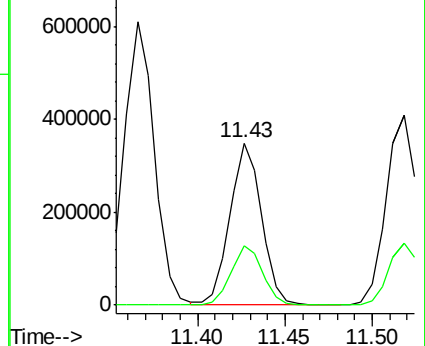
91 100

126 36.8 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: 47.75 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX000816.D

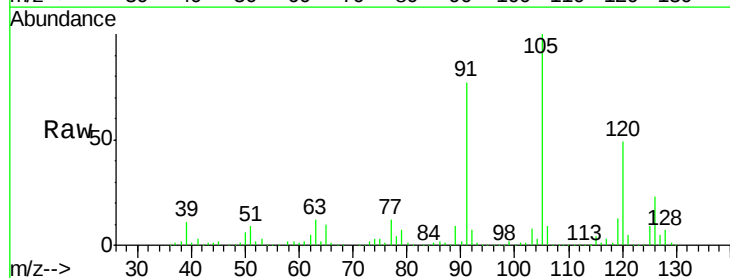
Acq: 12 Apr 2018 21:39

Tgt Ion: 105 Resp: 550687

Ion Ratio Lower Upper

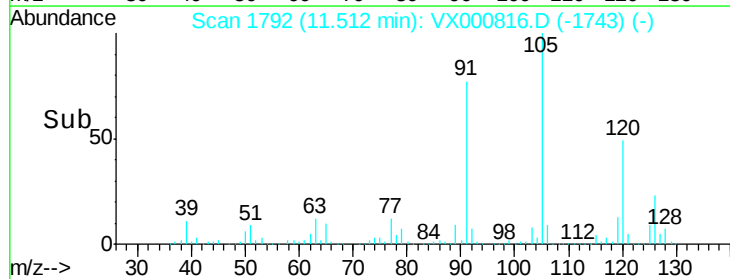
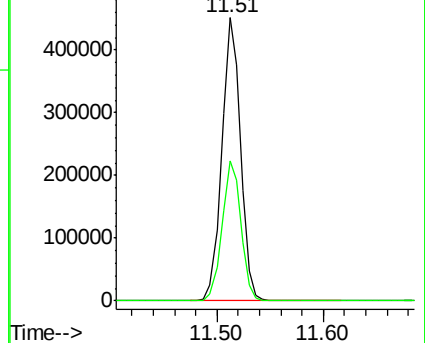
105 100

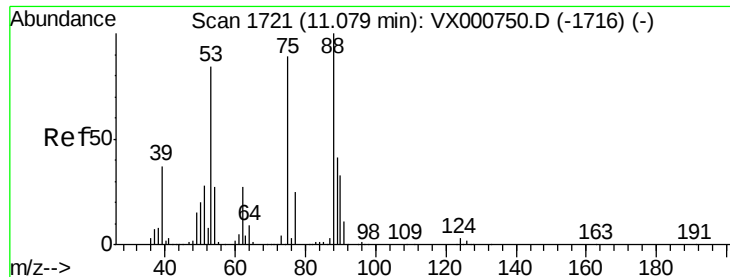
120 50.0 25.0 75.0



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: 44.64 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. -0.00 min

Lab File: VX000816.D

Acq: 12 Apr 2018 21:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

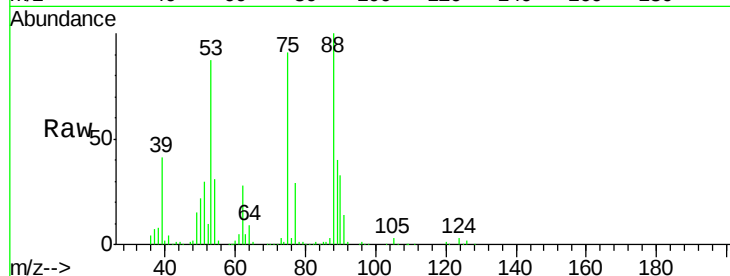
Tgt Ion: 75 Resp: 59155

Ion Ratio Lower Upper

75 100

53 96.3 75.4 113.0

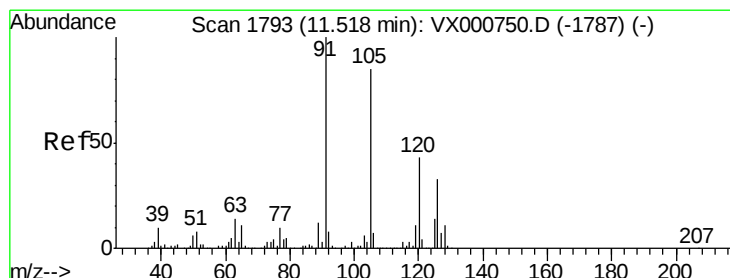
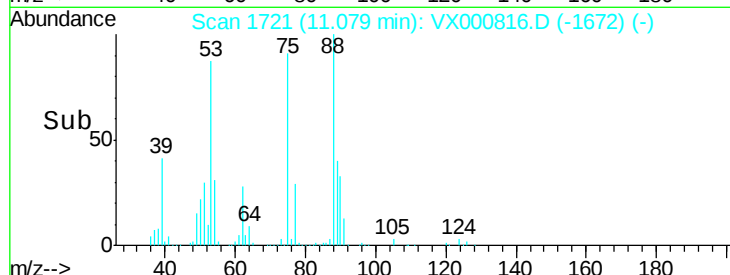
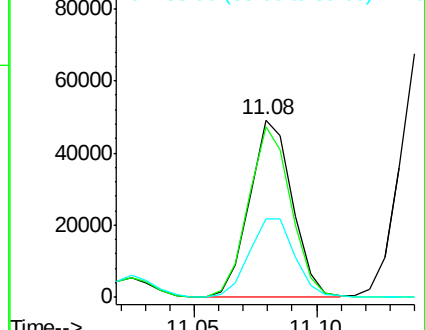
89 48.1 40.9 61.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 47.33 ug/l

RT: 11.52 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VX000816.D

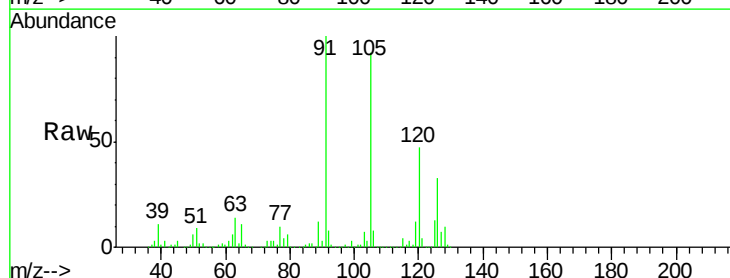
Acq: 12 Apr 2018 21:39

Tgt Ion: 91 Resp: 517935

Ion Ratio Lower Upper

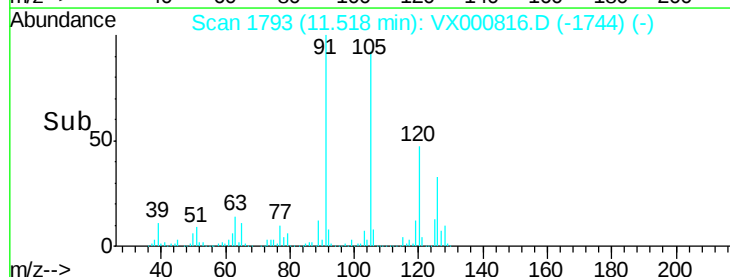
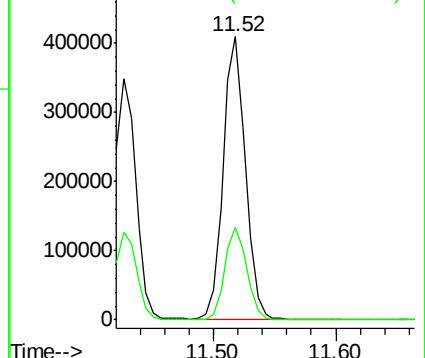
91 100

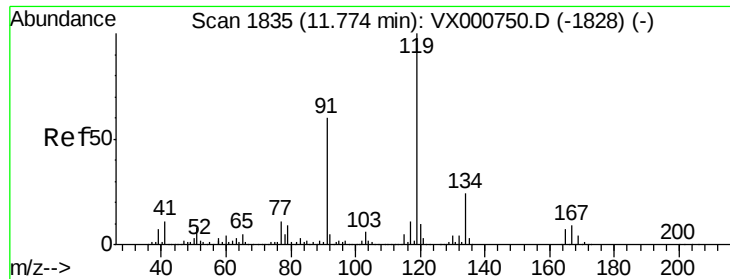
126 32.2 16.2 48.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

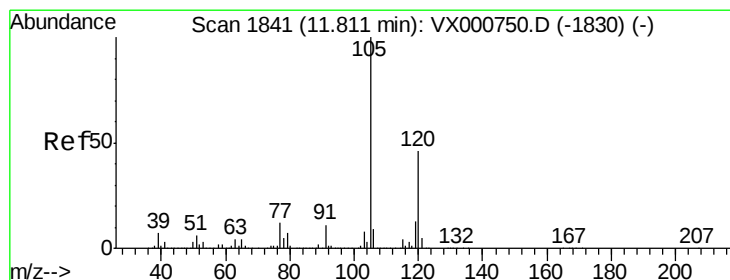
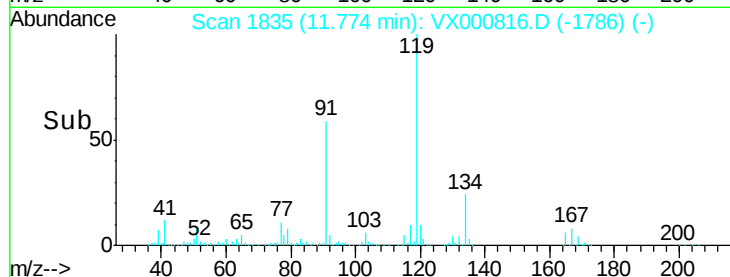
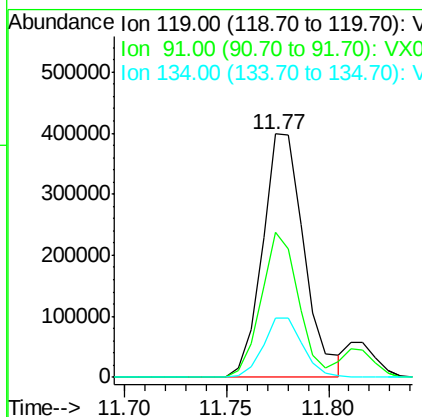
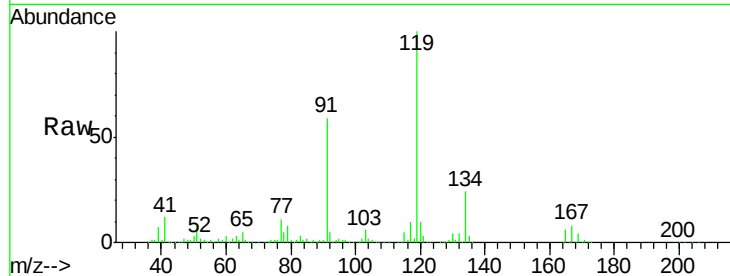




#83
 tert-Butylbenzene
 Concen: 48.06 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: VX000816.D
 Acq: 12 Apr 2018 21:39

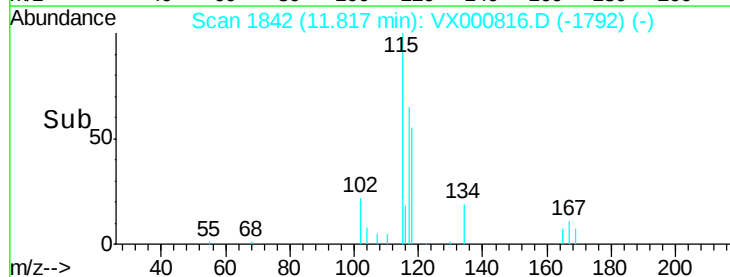
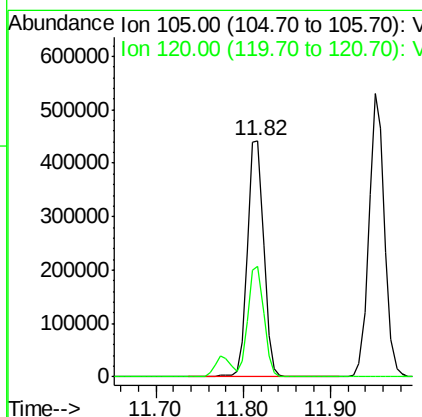
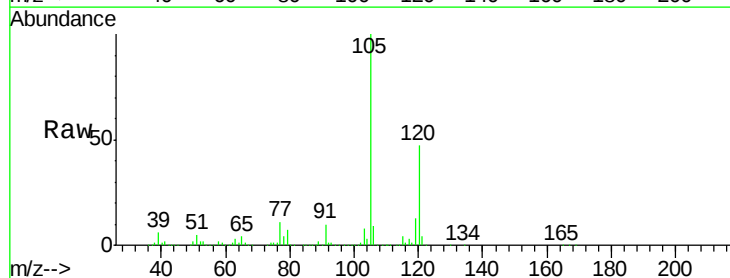
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

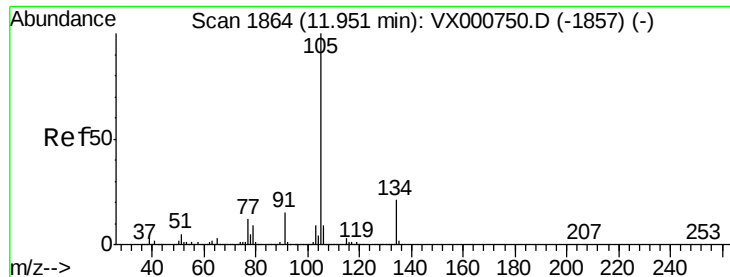
Tgt Ion:119 Resp: 567001
 Ion Ratio Lower Upper
 119 100
 91 53.3 26.8 80.3
 134 23.4 11.5 34.4



#84
 1,2,4-Trimethylbenzene
 Concen: 47.68 ug/l
 RT: 11.82 min Scan# 1842
 Delta R.T. 0.01 min
 Lab File: VX000816.D
 Acq: 12 Apr 2018 21:39

Tgt Ion:105 Resp: 567601
 Ion Ratio Lower Upper
 105 100
 120 45.7 23.1 69.3





#85

sec-Butylbenzene

Concen: 47.48 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VX000816.D

Acq: 12 Apr 2018 21:39

Instrument :

MSVOA_X

ClientSampleId :

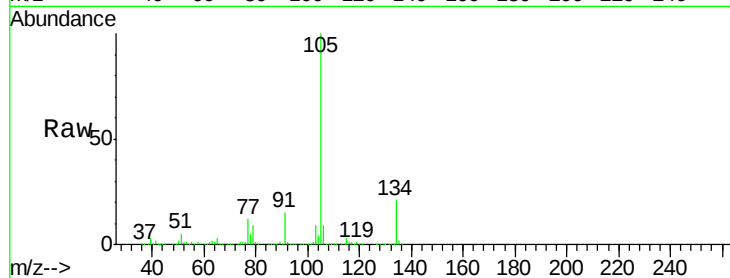
VSTDCCC050

Tgt Ion:105 Resp: 660833

Ion Ratio Lower Upper

105 100

134 21.7 10.8 32.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.95

600000

500000

400000

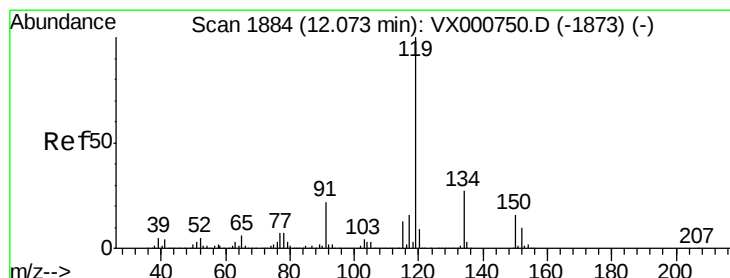
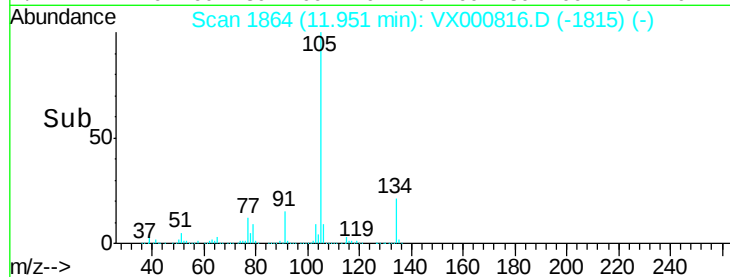
300000

200000

100000

0

Time-->



#86

p-Isopropyltoluene

Concen: 47.27 ug/l

RT: 12.07 min Scan# 1884

Delta R.T. -0.00 min

Lab File: VX000816.D

Acq: 12 Apr 2018 21:39

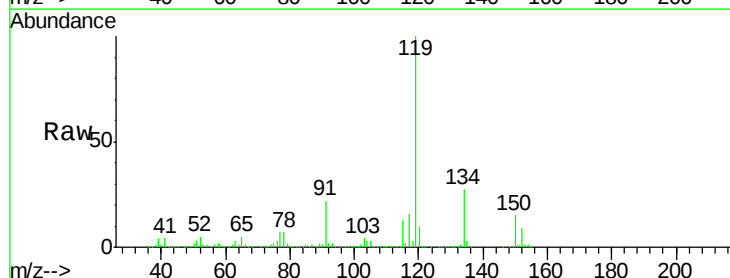
Tgt Ion:119 Resp: 613497

Ion Ratio Lower Upper

119 100

134 27.1 13.6 40.7

91 22.3 11.2 33.5



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

12.07

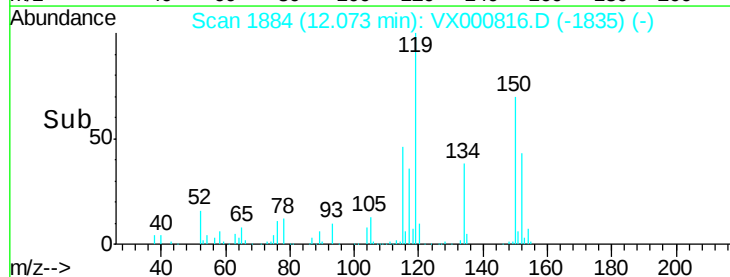
600000

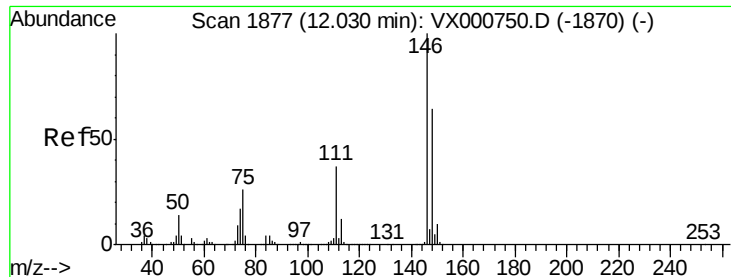
400000

200000

0

Time-->

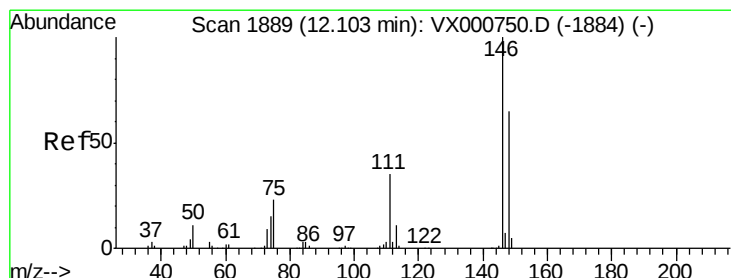
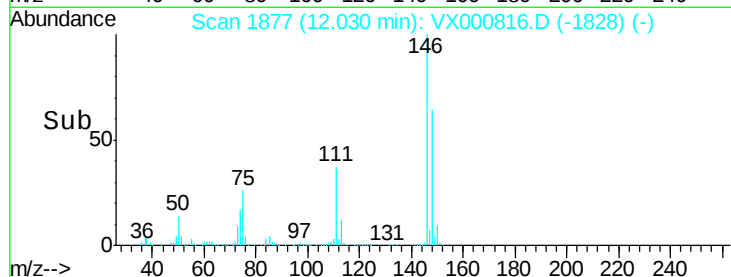
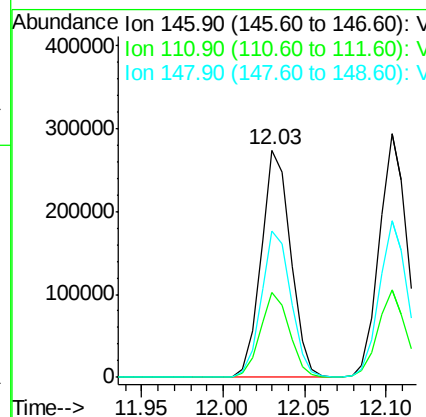
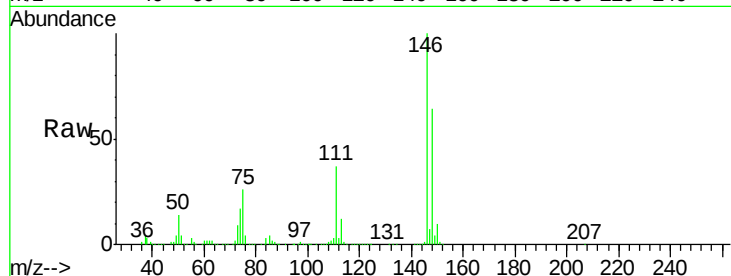




#87
 1,3-Dichlorobenzene
 Concen: 47.50 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: VX000816.D
 Acq: 12 Apr 2018 21:39

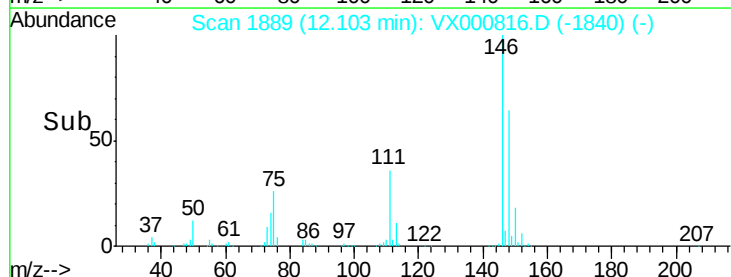
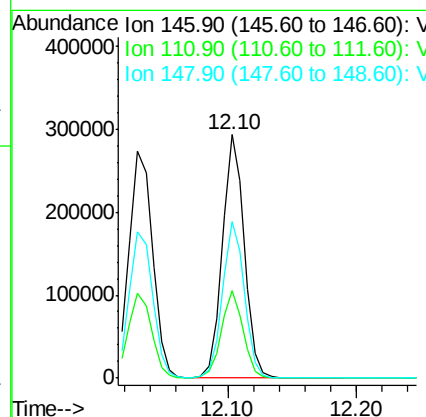
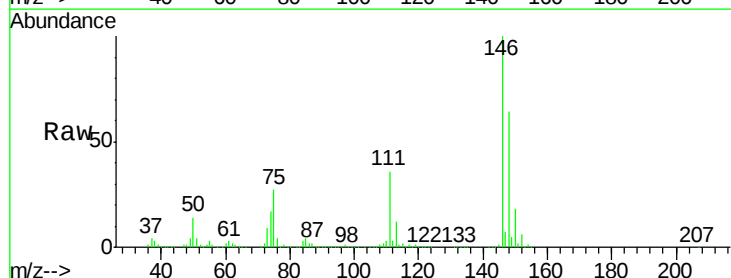
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt 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: 47.23 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. -0.00 min
 Lab File: VX000816.D
 Acq: 12 Apr 2018 21:39

Tgt Ion	Ratio	Lower	Upper
146	100		
111	35.7	17.9	53.8
148	64.6	32.6	97.7





#89

n-Butylbenzene

Concen: 46.11 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VX000816.D

Acq: 12 Apr 2018 21:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

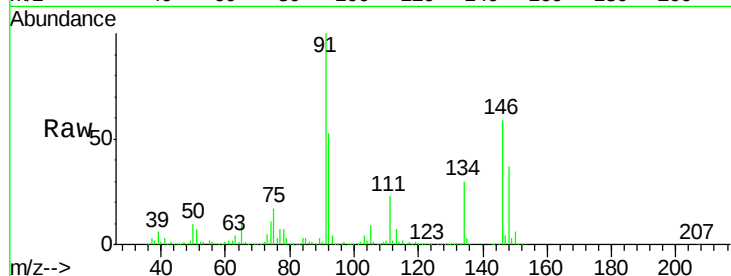
Tgt Ion: 91 Resp: 528233

Ion Ratio Lower Upper

91 100

92 53.2 26.5 79.5

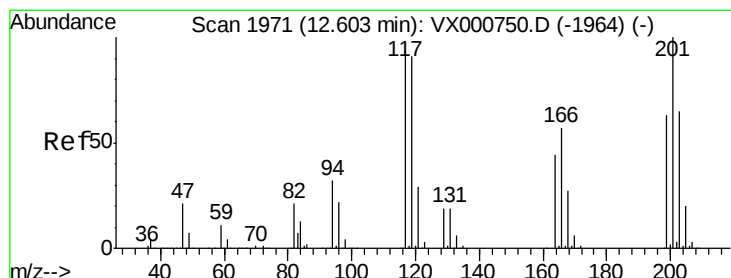
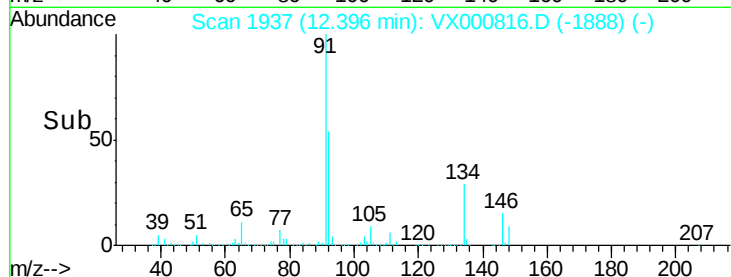
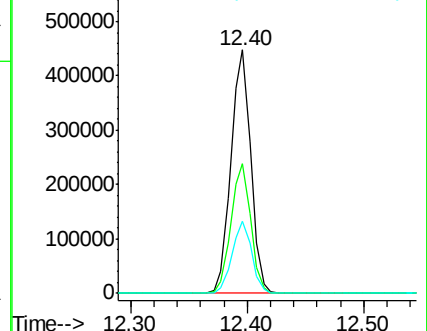
134 29.1 14.5 43.5



Abundance Ion 91.00 (90.70 to 91.70): VX000816.D (-1930) (-)

Ion 92.00 (91.70 to 92.70): VX000816.D (-1930) (-)

Ion 134.00 (133.70 to 134.70): VX000816.D (-1930) (-)



#90

Hexachloroethane

Concen: 45.47 ug/l

RT: 12.60 min Scan# 1971

Delta R.T. -0.00 min

Lab File: VX000816.D

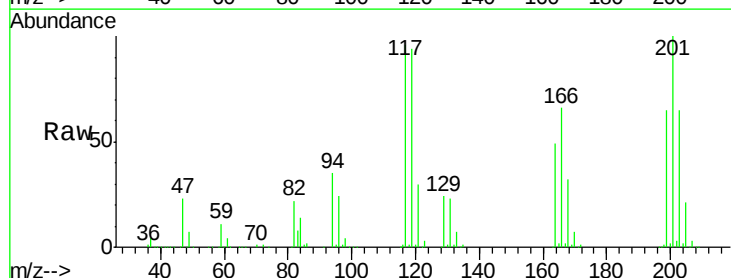
Acq: 12 Apr 2018 21:39

Tgt Ion: 117 Resp: 99858

Ion Ratio Lower Upper

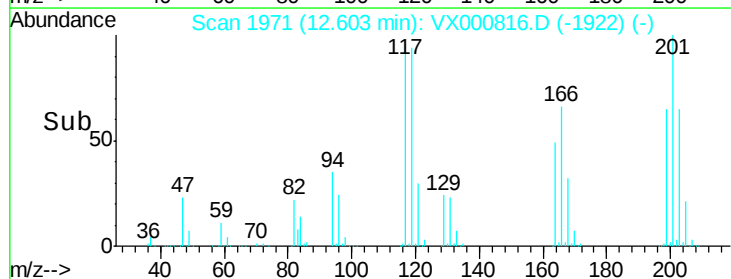
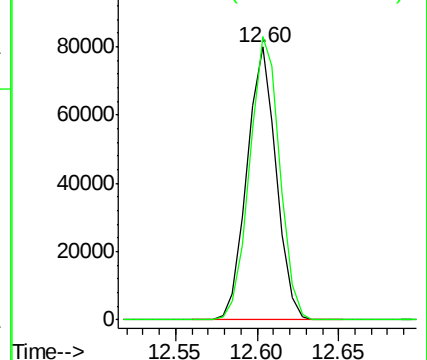
117 100

201 106.4 52.9 158.7



Abundance Ion 116.80 (116.50 to 117.50): VX000816.D (-1964) (-)

Ion 200.70 (200.40 to 201.40): VX000816.D (-1964) (-)

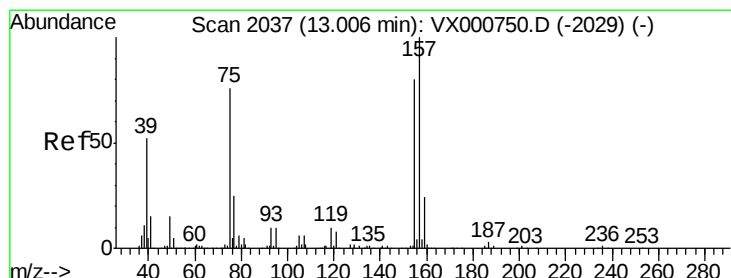
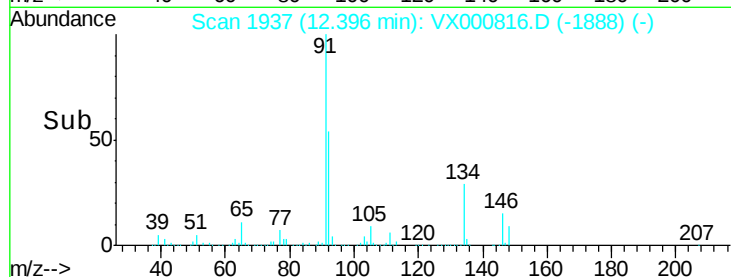
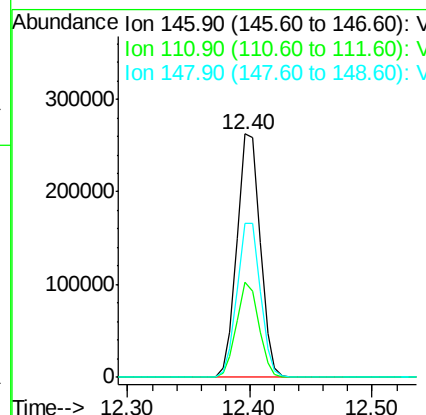
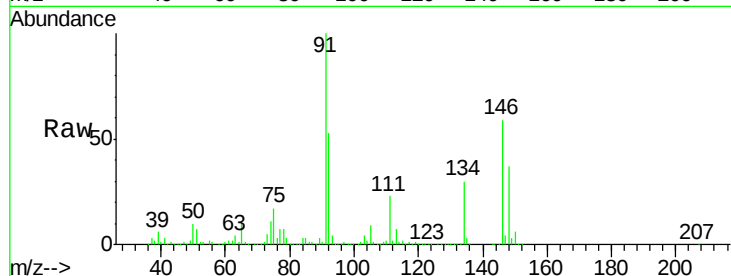




#91
 1,2-Dichlorobenzene
 Concen: 48.82 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VX000816.D
 Acq: 12 Apr 2018 21:39

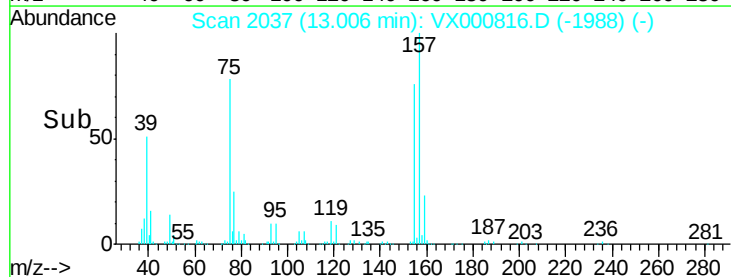
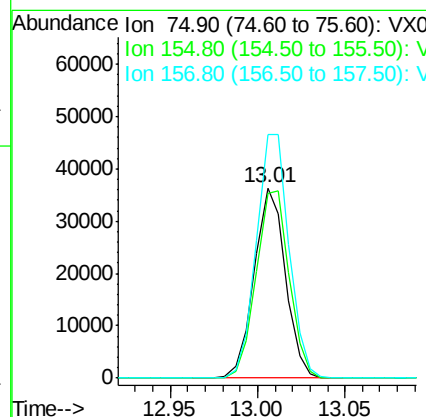
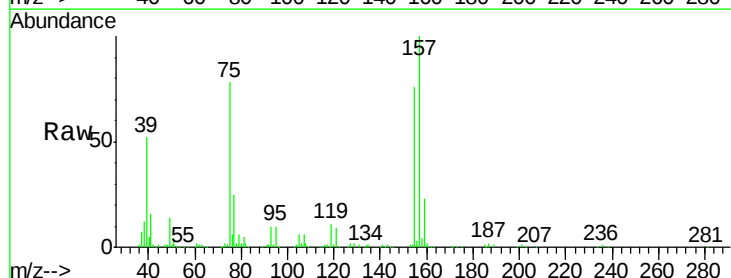
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

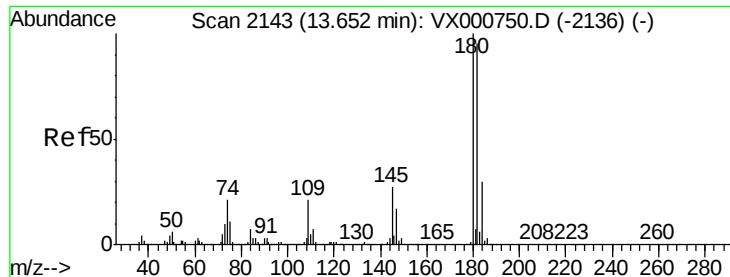
Tgt Ion:146 Resp: 342838
 Ion Ratio Lower Upper
 146 100
 111 37.4 18.9 56.7
 148 63.7 32.0 96.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 46.29 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. -0.00 min
 Lab File: VX000816.D
 Acq: 12 Apr 2018 21:39

Tgt Ion: 75 Resp: 45136
 Ion Ratio Lower Upper
 75 100
 155 104.3 51.9 155.8
 157 134.5 66.6 199.8

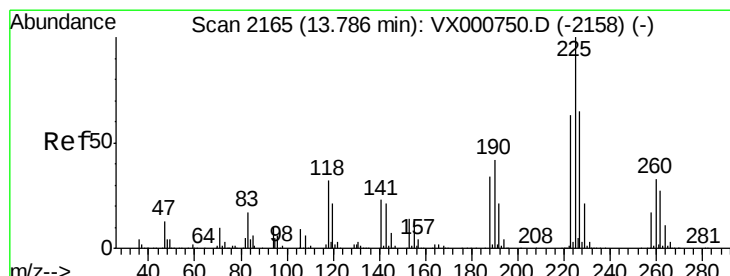
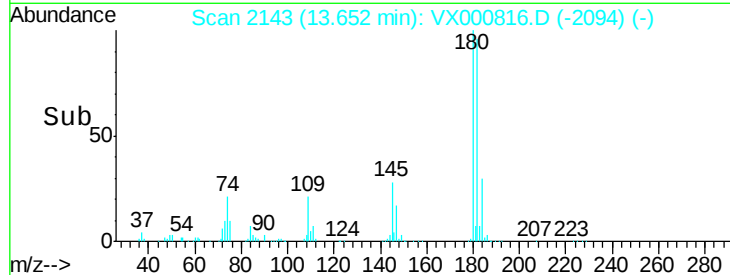
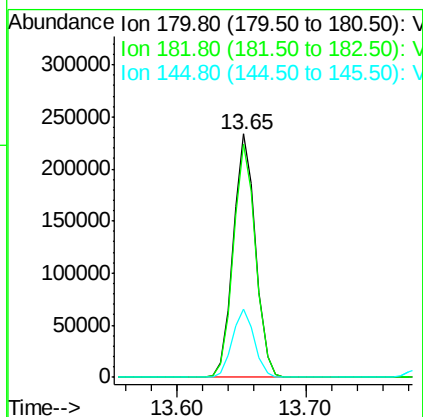
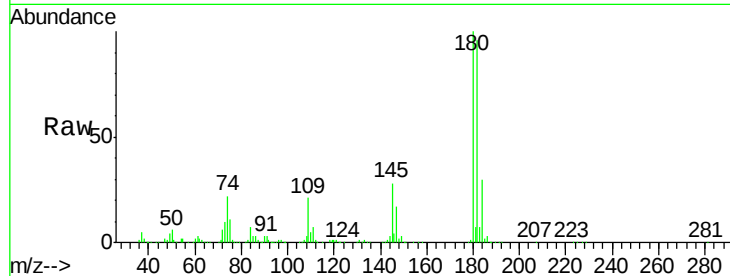




#93
 1,2,4-Trichlorobenzene
 Concen: 46.92 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX000816.D
 Acq: 12 Apr 2018 21:39

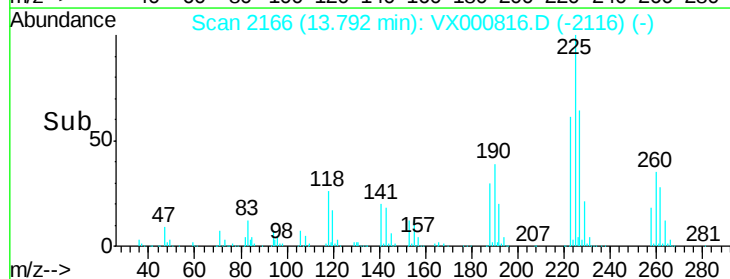
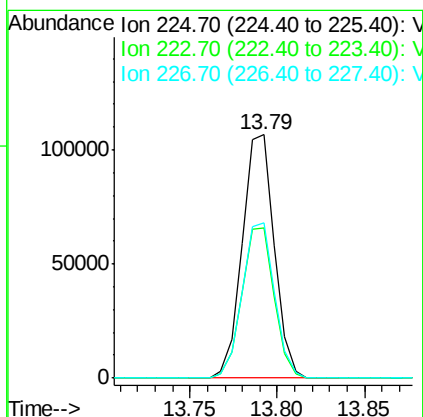
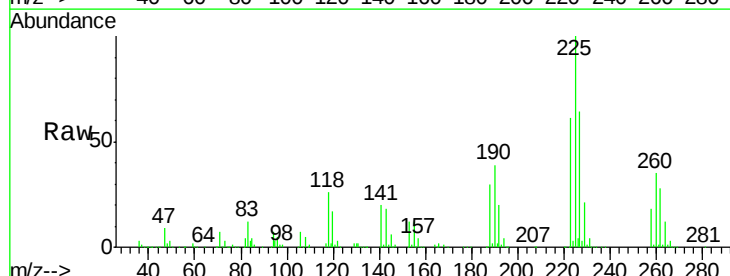
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

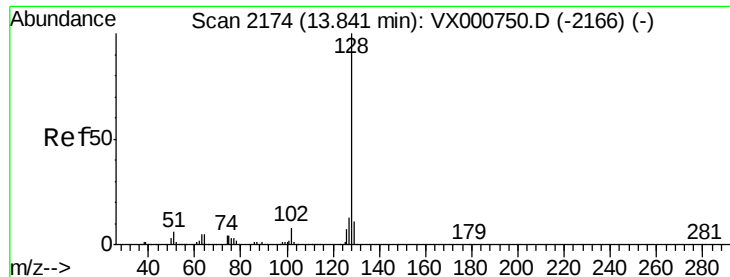
Tgt Ion:180 Resp: 281133
 Ion Ratio Lower Upper
 180 100
 182 95.8 47.5 142.5
 145 27.7 13.8 41.4



#94
 Hexachlorobutadiene
 Concen: 46.05 ug/l
 RT: 13.79 min Scan# 2166
 Delta R.T. 0.01 min
 Lab File: VX000816.D
 Acq: 12 Apr 2018 21:39

Tgt Ion:225 Resp: 135671
 Ion Ratio Lower Upper
 225 100
 223 62.3 31.2 93.6
 227 64.2 32.3 96.9





#95

Naphthalene

Concen: 49.69 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX000816.D

Acq: 12 Apr 2018 21:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

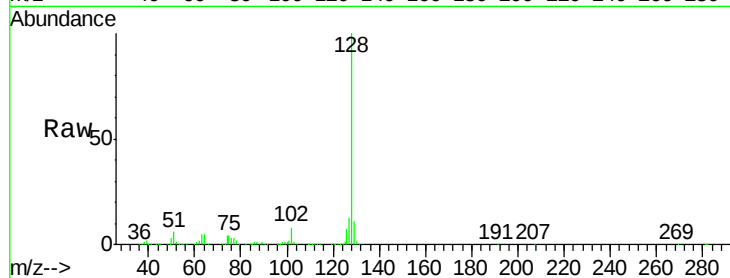
Tgt Ion:128 Resp: 764264

Ion Ratio Lower Upper

128 100

127 13.0 10.4 15.6

129 10.9 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

13.84

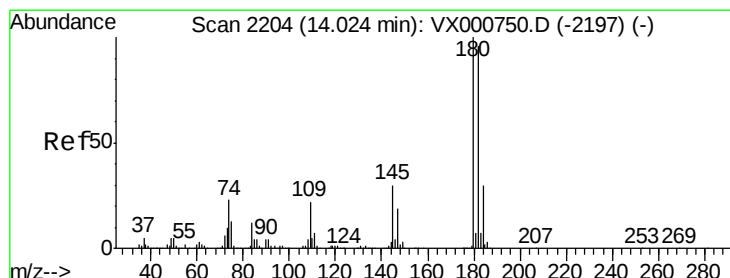
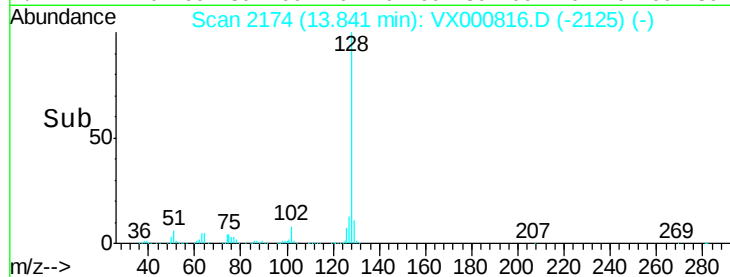
600000

400000

200000

0

Time--> 13.75 13.80 13.85 13.90



#96

1,2,3-Trichlorobenzene

Concen: 48.24 ug/l

RT: 14.03 min Scan# 2205

Delta R.T. 0.01 min

Lab File: VX000816.D

Acq: 12 Apr 2018 21:39

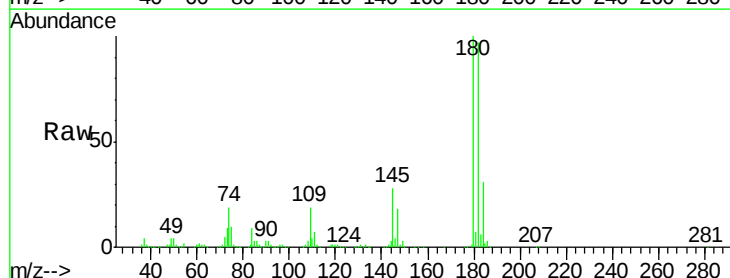
Tgt Ion:180 Resp: 280764

Ion Ratio Lower Upper

180 100

182 96.3 48.4 145.2

145 29.4 14.6 43.8



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

14.03

300000

250000

200000

150000

100000

50000

0

Time--> 13.95 14.00 14.05 14.10

