

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062818\
 Data File : VX002979.D
 Acq On : 28 Jun 2018 12:16
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Jun 29 06:06:53 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 25 14:38:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	273127	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	362267	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	350327	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	226035	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	187527	49.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.34%	
35) Dibromofluoromethane	5.51	113	152692	53.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.44%	
50) Toluene-d8	8.72	98	558851	53.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.68%	
62) 4-Bromofluorobenzene	11.14	95	218267	54.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.04%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	158236	64.98	ug/l	100
3) Chloromethane	1.32	50	144275	57.15	ug/l	99
4) Vinyl Chloride	1.40	62	163930	53.07	ug/l	90
5) Bromomethane	1.64	94	66459	45.87	ug/l	100
6) Chloroethane	1.72	64	106586	59.21	ug/l	99
7) Trichlorofluoromethane	1.93	101	263927	50.66	ug/l	97
8) Diethyl Ether	2.19	74	91230	48.16	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	151950	50.33	ug/l	99
10) Methyl Iodide	2.51	142	126443	42.38	ug/l	98
11) Tert butyl alcohol	3.07	59	166794	221.79	ug/l	99
12) 1,1-Dichloroethene	2.37	96	133543	49.58	ug/l	98
13) Acrolein	2.29	56	87655	210.91	ug/l	100
14) Allyl chloride	2.73	41	265047	49.92	ug/l	98
15) Acrylonitrile	3.15	53	376588	234.44	ug/l	99
16) Acetone	2.45	43	434100	277.66	ug/l	99
17) Carbon Disulfide	2.57	76	400216	55.76	ug/l	99
18) Methyl Acetate	2.78	43	179039	40.96	ug/l	97
19) Methyl tert-butyl Ether	3.20	73	456392	47.13	ug/l	100
20) Methylene Chloride	2.85	84	144824	47.60	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	141820	48.34	ug/l	96
22) Diisopropyl ether	3.87	45	485086	47.79	ug/l	97
23) Vinyl Acetate	3.82	43	2183874	254.10	ug/l	98
24) 1,1-Dichloroethane	3.70	63	265003	48.04	ug/l	99
25) 2-Butanone	4.71	43	589967	254.27	ug/l	98
26) 2,2-Dichloropropane	4.59	77	229917	51.25	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	161630	49.14	ug/l	96
28) Bromochloromethane	5.02	49	128166	48.54	ug/l	94
29) Tetrahydrofuran	5.16	42	352466	236.89	ug/l	96
30) Chloroform	5.21	83	278668	49.22	ug/l	98
31) Cyclohexane	5.57	56	243438	51.42	ug/l	99
32) 1,1,1-Trichloroethane	5.50	97	252703	50.73	ug/l	99
36) 1,1-Dichloropropene	5.80	75	209952	52.85	ug/l	99
37) Ethyl Acetate	4.86	43	216451	50.60	ug/l	99
38) Carbon Tetrachloride	5.79	117	230938	52.97	ug/l	97

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	257500	55.65	ug/l	97
40) Benzene	6.15	78	599965	51.98	ug/l	99
41) Methacrylonitrile	5.06	41	125349	50.89	ug/l	98
42) 1,2-Dichloroethane	6.20	62	230632	49.46	ug/l	99
43) Isopropyl Acetate	6.46	43	361808	50.43	ug/l	99
44) Trichloroethene	7.21	130	179132	52.05	ug/l	100
45) 1,2-Dichloropropane	7.52	63	156288	51.04	ug/l	99
46) Dibromomethane	7.67	93	106714	50.22	ug/l	97
47) Bromodichloromethane	7.90	83	211743	53.90	ug/l	99
48) Methyl methacrylate	7.78	41	187293	50.67	ug/l	97
49) 1,4-Dioxane	7.76	88	70216	976.37	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	1141164	254.25	ug/l	98
52) Toluene	8.79	92	390958	52.87	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	246827	55.48	ug/l	100
54) cis-1,3-Dichloropropene	9.04	75	229695	53.66	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	157880	51.96	ug/l	97
56) Ethyl methacrylate	9.18	69	237083	53.39	ug/l	96
57) 1,3-Dichloropropane	9.37	76	256193	51.33	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	426165	198.91	ug/l	98
59) 2-Hexanone	9.50	43	895762	262.60	ug/l	97
60) Dibromochloromethane	9.59	129	174902	54.68	ug/l	100
61) 1,2-Dibromoethane	9.68	107	167114	52.43	ug/l	100
64) Tetrachloroethene	9.34	164	190829	48.99	ug/l	98
65) Chlorobenzene	10.14	112	447129	50.25	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	166725	51.58	ug/l	100
67) Ethyl Benzene	10.26	91	772988	52.59	ug/l	100
68) m/p-Xylenes	10.36	106	605358	106.86	ug/l	99
69) o-Xylene	10.70	106	289143	52.42	ug/l	99
70) Styrene	10.71	104	482135	53.79	ug/l	99
71) Bromoform	10.86	173	137625	47.35	ug/l	100
73) Isopropylbenzene	11.02	105	799084	52.55	ug/l	100
74) N-amyl acetate	6.46	43	361808	48.63	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	238535	50.92	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	268079	65.48	ug/l	80
77) Bromobenzene	11.26	156	217576	50.24	ug/l	98
78) n-propylbenzene	11.37	91	925681	53.48	ug/l	99
79) 2-Chlorotoluene	11.43	91	535962	51.15	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	682649	53.30	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	64365	45.91	ug/l	99
82) 4-Chlorotoluene	11.51	91	640861	51.66	ug/l	99
83) tert-Butylbenzene	11.77	119	680013	53.88	ug/l	96
84) 1,2,4-Trimethylbenzene	11.81	105	697092	52.53	ug/l	99
85) sec-Butylbenzene	11.95	105	820598	53.59	ug/l	100
86) p-Isopropyltoluene	12.07	119	751297	54.57	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	404107	51.10	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	408598	50.20	ug/l	100
89) n-Butylbenzene	12.39	91	658276	54.94	ug/l	99
90) Hexachloroethane	12.60	117	103959	50.77	ug/l	98
91) 1,2-Dichlorobenzene	12.40	146	402746	50.45	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	53942	51.23	ug/l	99

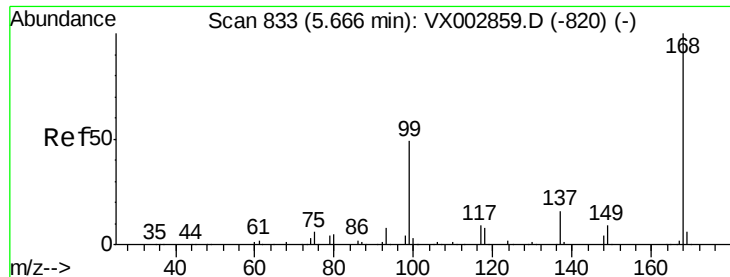
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	310030	53.37	ug/l	100
94) Hexachlorobutadiene	13.79	225	158652	54.75	ug/l	99
95) Naphthalene	13.84	128	829625	53.62	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	306174	52.76	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.00 min

Lab File: VX002979.D

Acq: 28 Jun 2018 12:16

Instrument :

MSVOA_X

ClientSampleId :

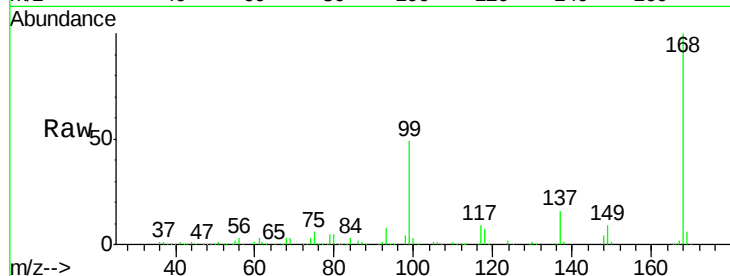
VSTDCCC050

Tot Ion:168 Resp: 273127

Ion Ratio Lower Upper

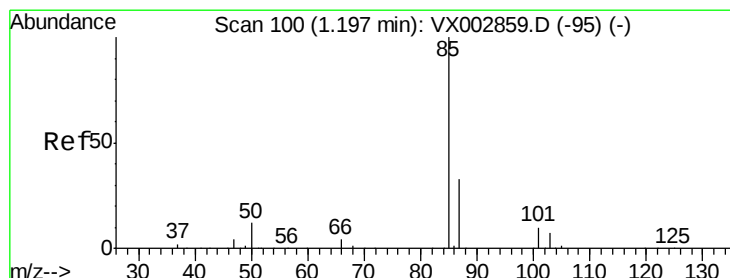
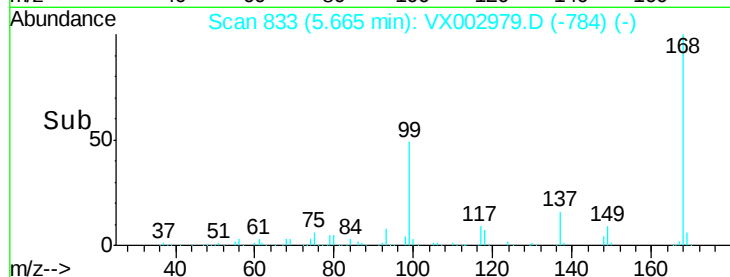
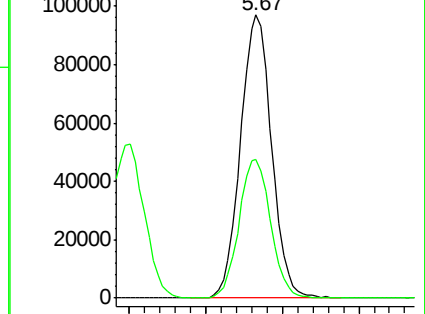
168 100

99 48.9 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 64.98 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX002979.D

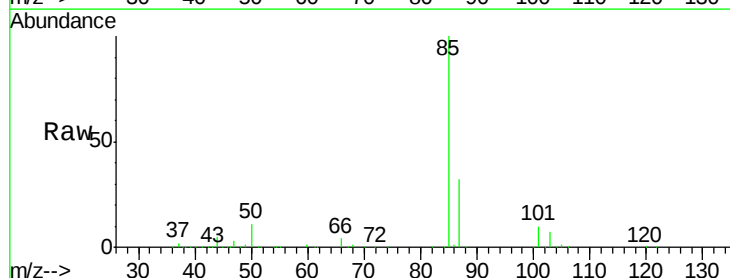
Acq: 28 Jun 2018 12:16

Tgt Ion: 85 Resp: 158236

Ion Ratio Lower Upper

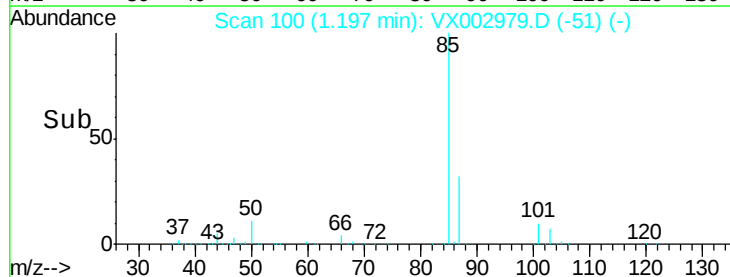
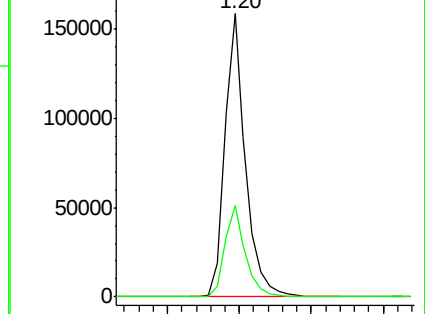
85 100

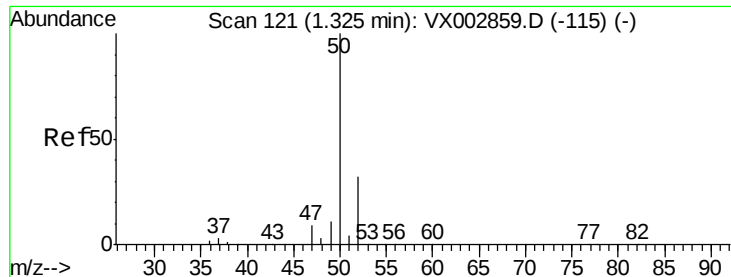
87 32.1 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 57.15 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX002979.D

Acq: 28 Jun 2018 12:16

Instrument :

MSVOA_X

ClientSampleId :

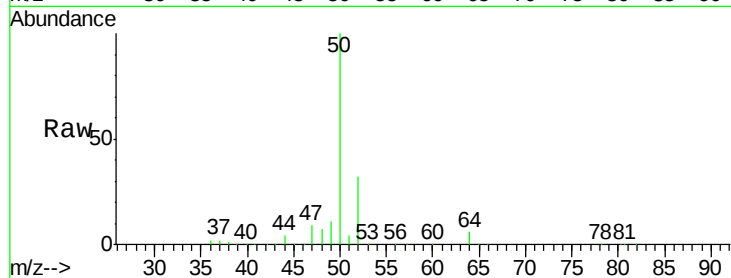
VSTDCCC050

Tot Ion: 50 Resp: 144275

Ion Ratio Lower Upper

50 100

52 31.7 25.7 38.5



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.32

150000

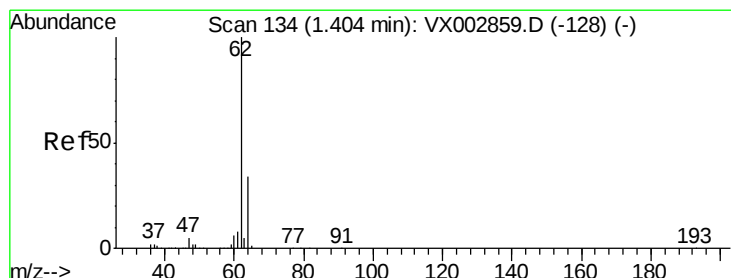
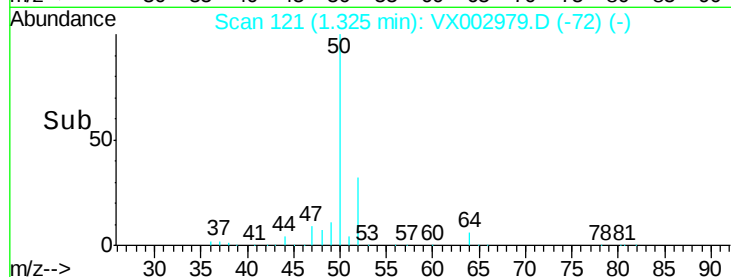
100000

50000

0

1.30 1.35 1.40

Time-->



#4

Vinyl Chloride

Concen: 53.07 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX002979.D

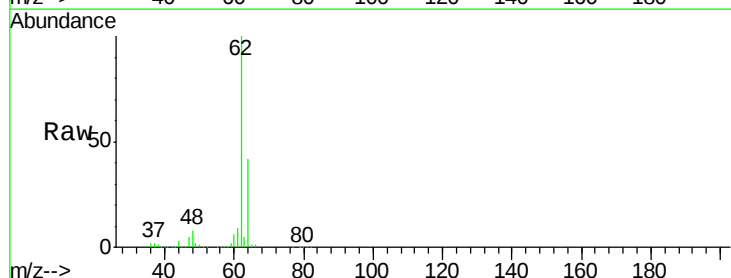
Acq: 28 Jun 2018 12:16

Tgt Ion: 62 Resp: 163930

Ion Ratio Lower Upper

62 100

64 37.3 25.4 38.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.40

150000

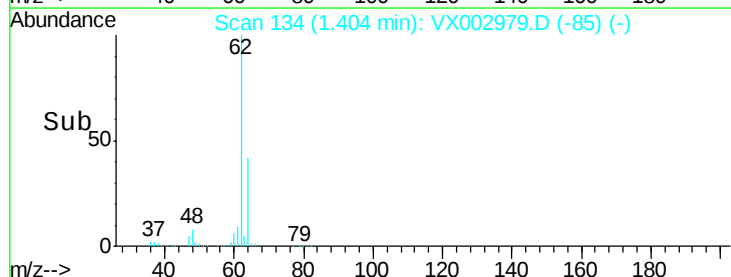
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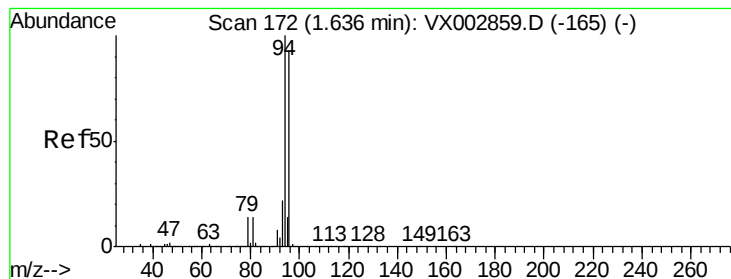
50000

0

1.30 1.40 1.50

Time-->





#5

Bromomethane

Concen: 45.87 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX002979.D

Acq: 28 Jun 2018 12:16

Instrument :

MSVOA_X

ClientSampleId :

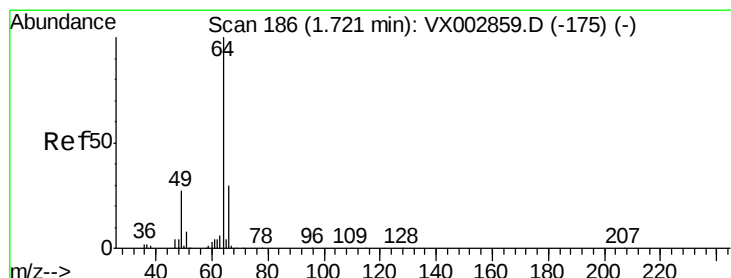
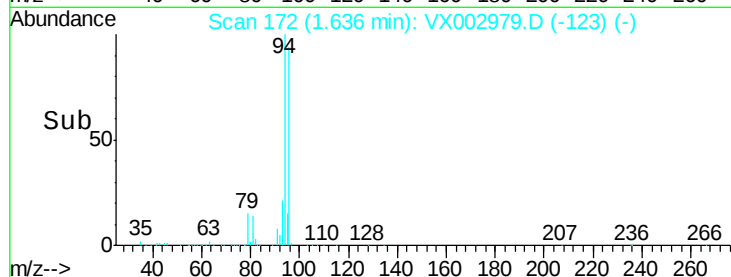
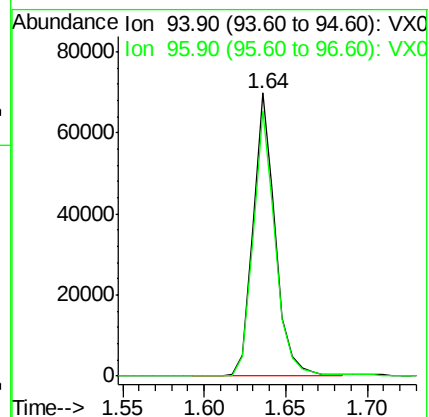
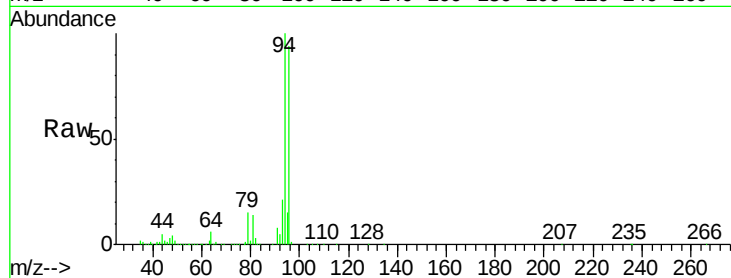
VSTDCCC050

Tot Ion: 94 Resp: 66459

Ion Ratio Lower Upper

94 100

96 93.7 74.9 112.3



#6

Chloroethane

Concen: 59.21 ug/l

RT: 1.72 min Scan# 186

Delta R.T. 0.00 min

Lab File: VX002979.D

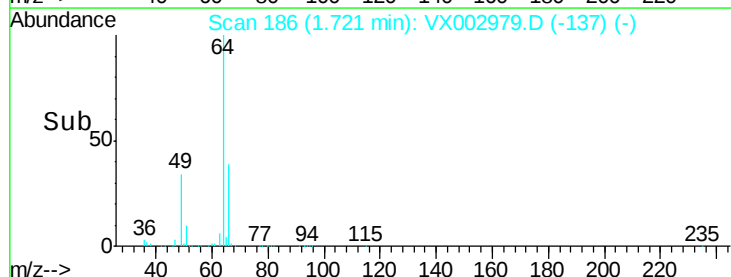
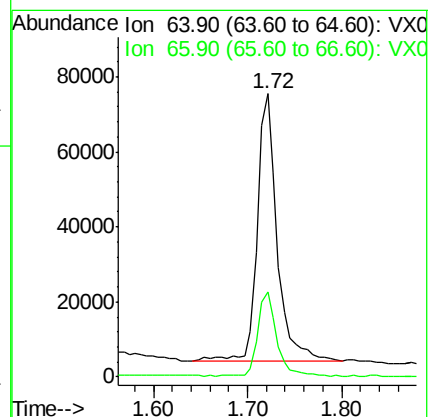
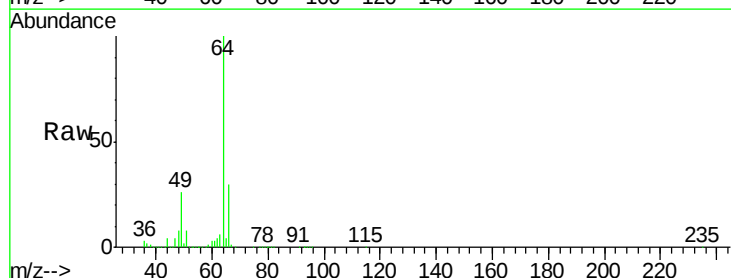
Acq: 28 Jun 2018 12:16

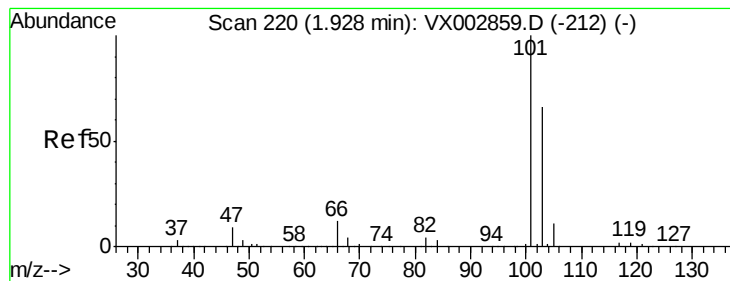
Tgt Ion: 64 Resp: 106586

Ion Ratio Lower Upper

64 100

66 31.2 25.5 38.3



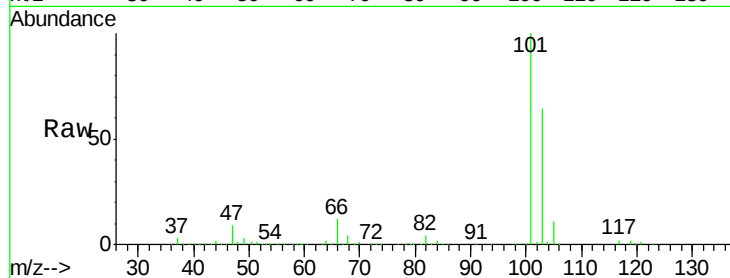


#7

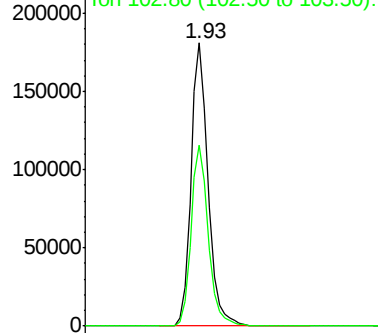
Trichlorofluoromethane
 Concen: 50.66 ug/l
 RT: 1.93 min Scan# 220
 Delta R.T. -0.00 min
 Lab File: VX002979.D
 Acq: 28 Jun 2018 12:16

Instrument :
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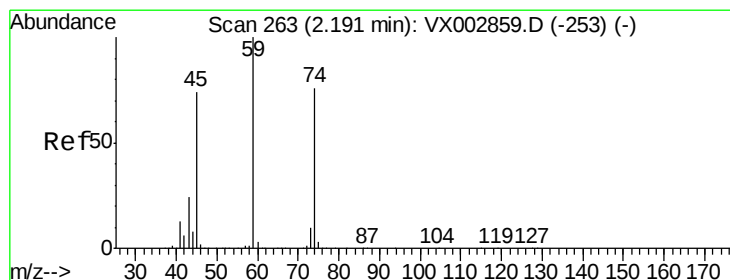
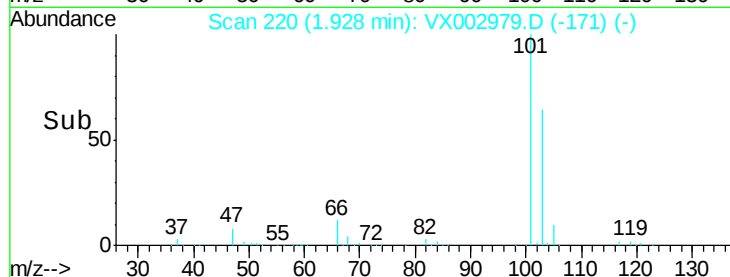
Tot Ion:101 Resp: 263927
 Ion Ratio Lower Upper
 101 100
 103 63.7 52.8 79.2



Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 102.80 (102.50 to 103.50): V



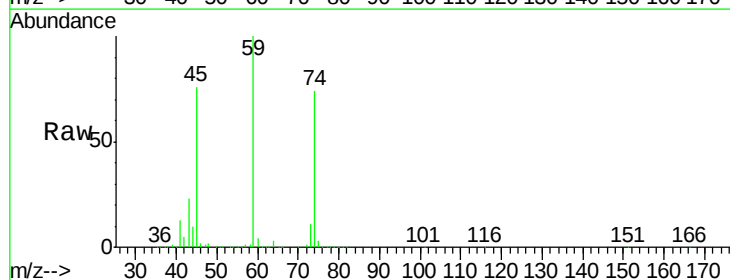
Time--> 1.80 1.90 2.00 2.10



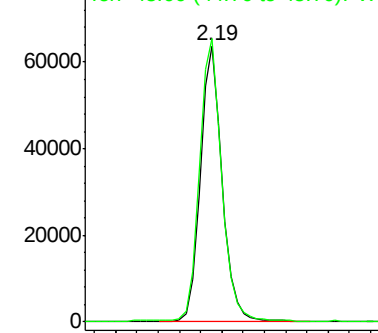
#8

Diethyl Ether
 Concen: 48.16 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. -0.00 min
 Lab File: VX002979.D
 Acq: 28 Jun 2018 12:16

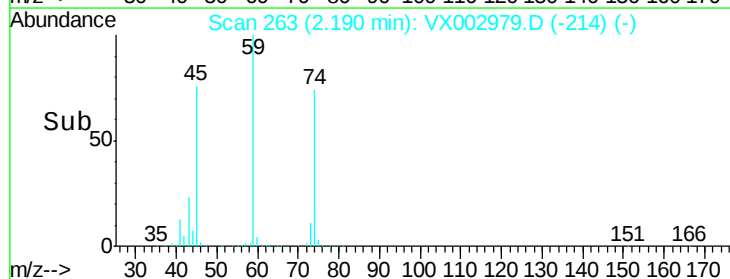
Tgt Ion: 74 Resp: 91230
 Ion Ratio Lower Upper
 74 100
 45 104.0 53.1 159.4



Abundance Ion 74.00 (73.70 to 74.70): VX0
 Ion 45.00 (44.70 to 45.70): VX0



Time--> 2.10 2.20 2.30

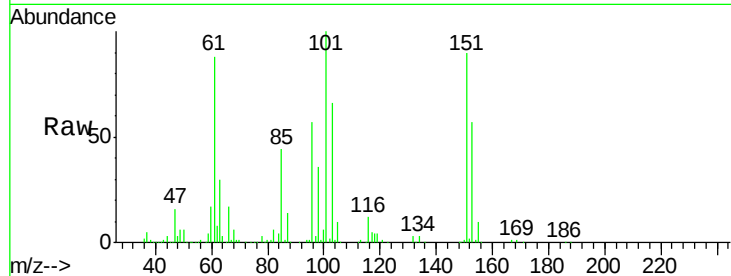




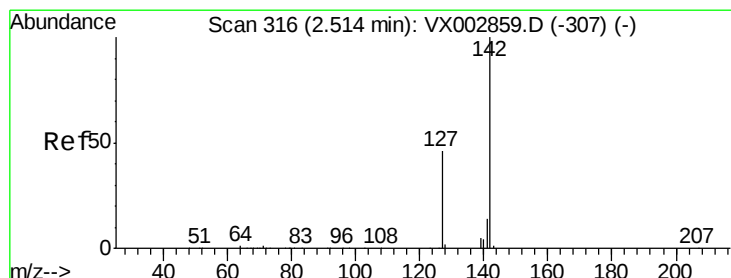
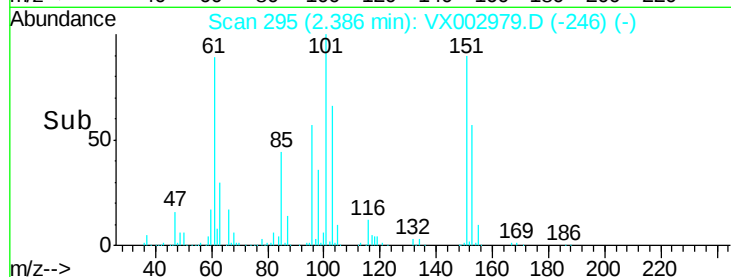
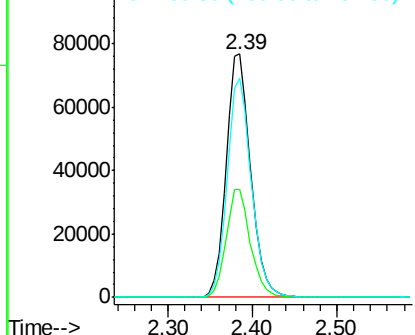
#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.33 ug/l
RT: 2.39 min Scan# 295
Delta R.T. -0.00 min
Lab File: VX002979.D
Acq: 28 Jun 2018 12:16

Instrument :
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ClientSampleId :
VSTDCCC050

Tot Ion:101 Resp: 151950
Ion Ratio Lower Upper
101 100
85 43.9 36.0 54.0
151 89.0 70.9 106.3

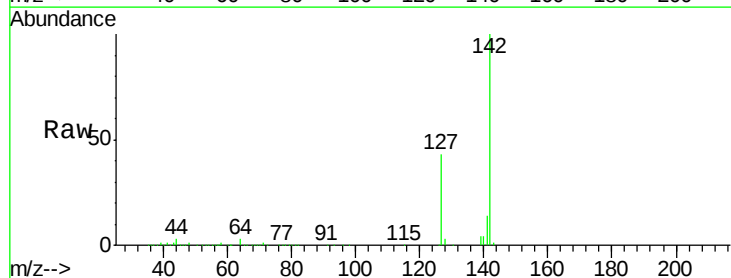


Abundance Ion 100.90 (100.60 to 101.60): V
Ion 84.90 (84.60 to 85.60): VX0
Ion 150.80 (150.50 to 151.50): V

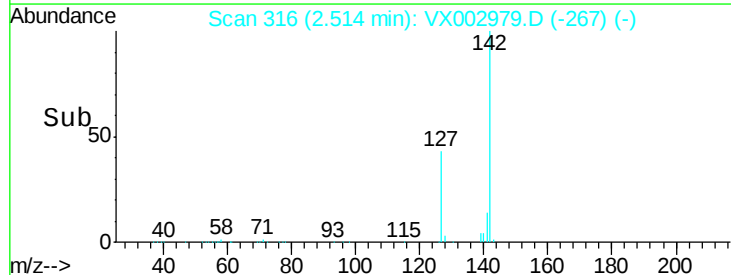
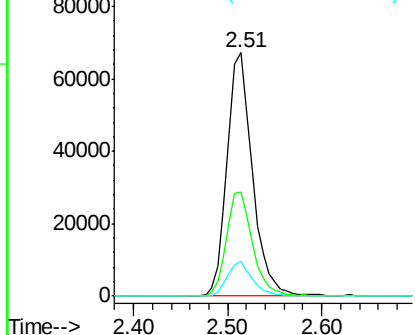


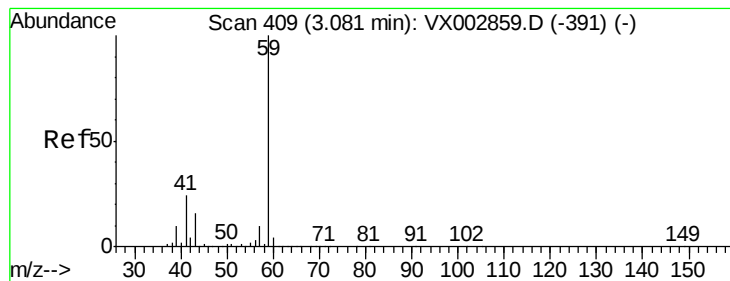
#10
Methyl Iodide
Concen: 42.38 ug/l
RT: 2.51 min Scan# 316
Delta R.T. 0.00 min
Lab File: VX002979.D
Acq: 28 Jun 2018 12:16

Tgt Ion:142 Resp: 126443
Ion Ratio Lower Upper
142 100
127 44.0 36.6 55.0
141 14.1 11.3 16.9



Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V



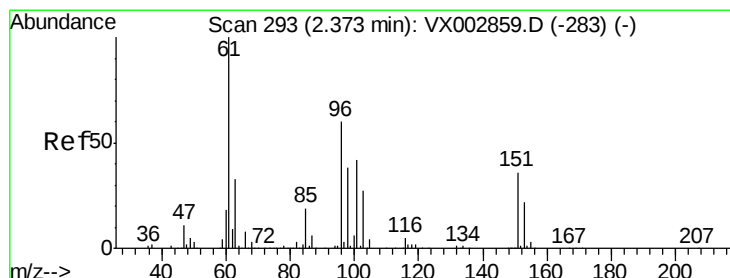
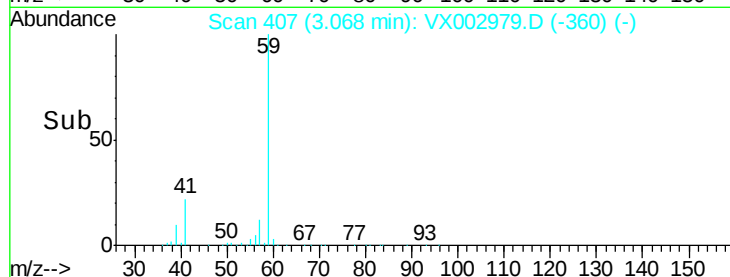
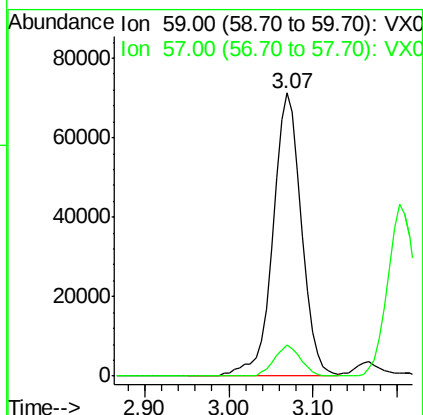
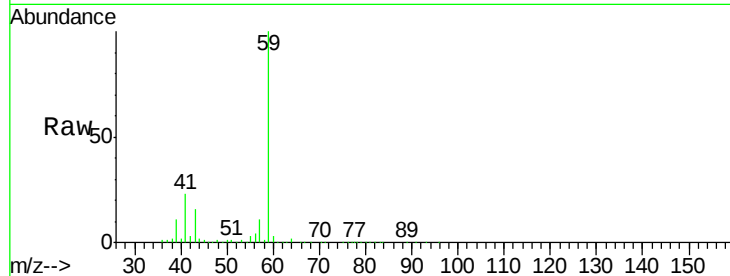


#11

Tert butyl alcohol
 Concen: 221.79 ug/l
 RT: 3.07 min Scan# 407
 Delta R.T. -0.01 min
 Lab File: VX002979.D
 Acq: 28 Jun 2018 12:16

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

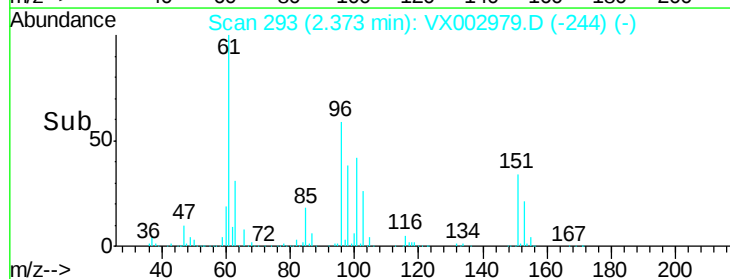
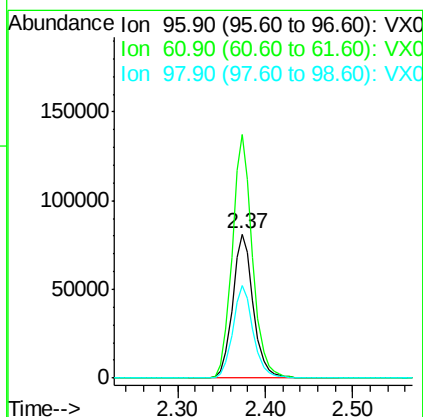
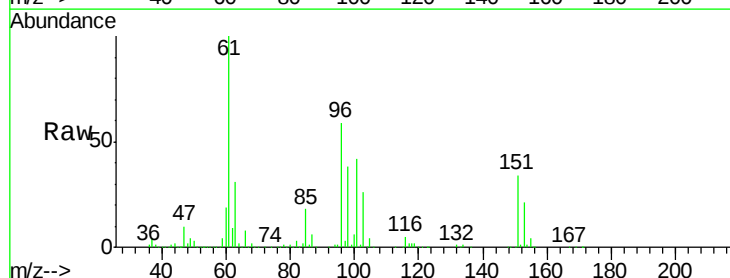
Tot Ion: 59 Resp: 166794
 Ion Ratio Lower Upper
 59 100
 57 10.4 8.2 12.2

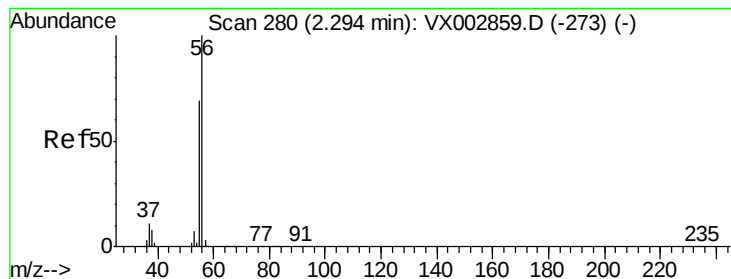


#12

1,1-Dichloroethene
 Concen: 49.58 ug/l
 RT: 2.37 min Scan# 293
 Delta R.T. -0.00 min
 Lab File: VX002979.D
 Acq: 28 Jun 2018 12:16

Tgt Ion: 96 Resp: 133543
 Ion Ratio Lower Upper
 96 100
 61 168.7 137.9 206.9
 98 64.2 51.6 77.4





#13

Acrolein

Concen: 210.91 ug/l

RT: 2.29 min Scan# 280

Delta R.T. 0.00 min

Lab File: VX002979.D

Acq: 28 Jun 2018 12:16

Instrument :

MSVOA_X

ClientSampleId :

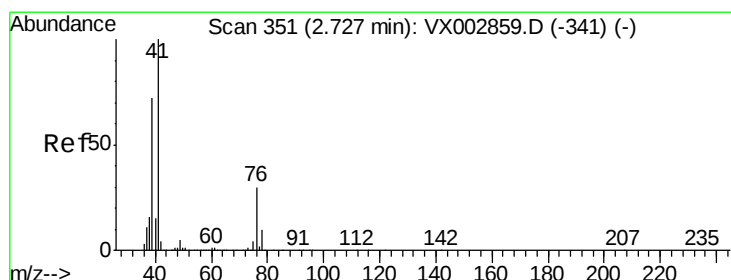
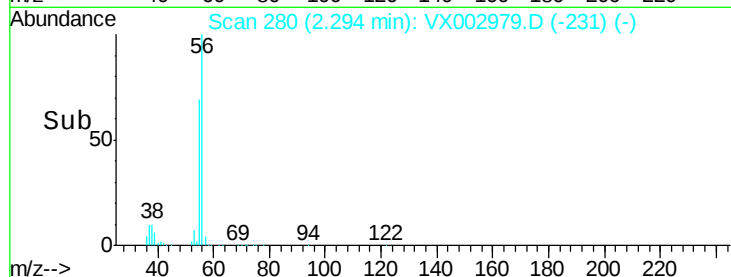
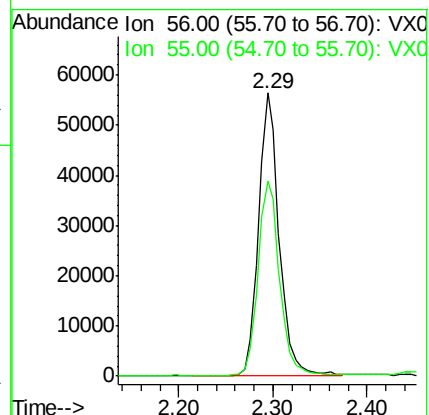
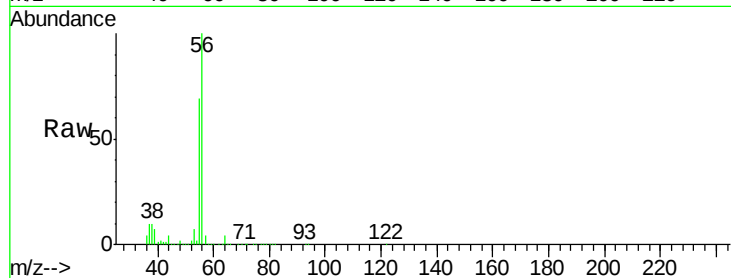
VSTDCCC050

Tot Ion: 56 Resp: 87655

Ion Ratio Lower Upper

56 100

55 71.2 57.0 85.4



#14

Allyl chloride

Concen: 49.92 ug/l

RT: 2.73 min Scan# 351

Delta R.T. -0.00 min

Lab File: VX002979.D

Acq: 28 Jun 2018 12:16

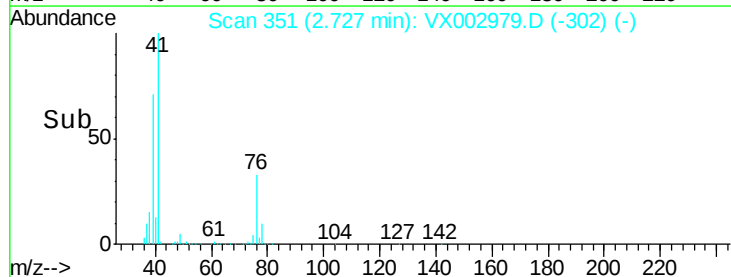
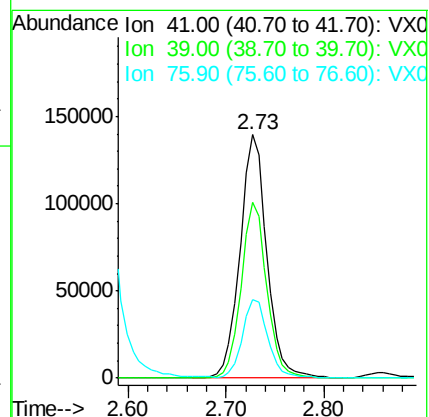
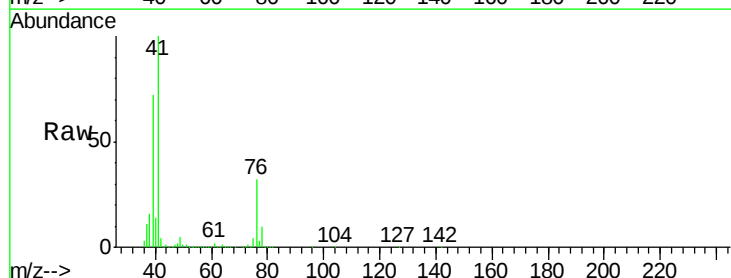
Tgt Ion: 41 Resp: 265047

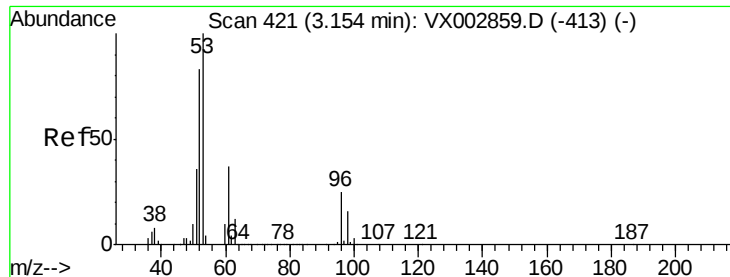
Ion Ratio Lower Upper

41 100

39 68.8 56.8 85.2

76 30.5 23.8 35.8





#15

Acrylonitrile

Concen: 234.44 ug/l

RT: 3.15 min Scan# 420

Delta R.T. -0.01 min

Lab File: VX002979.D

Acq: 28 Jun 2018 12:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

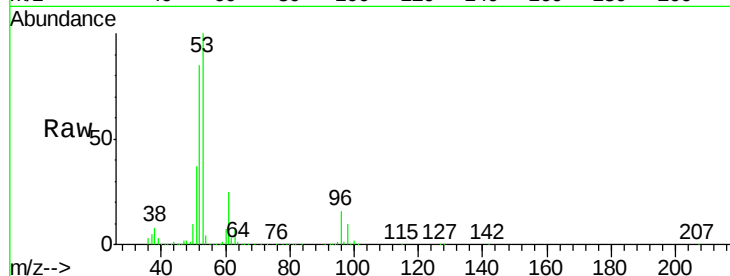
Tot Ion: 53 Resp: 376588

Ion Ratio Lower Upper

53 100

52 84.0 66.7 100.1

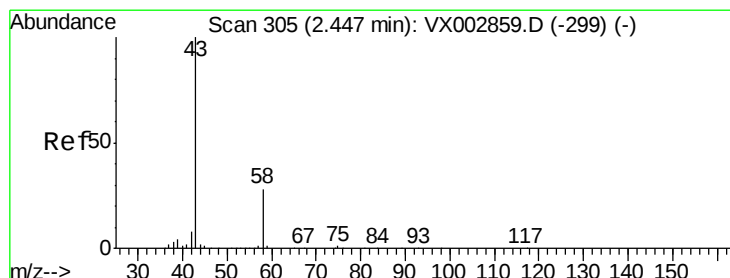
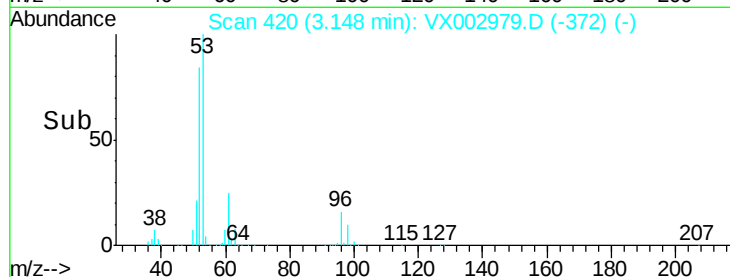
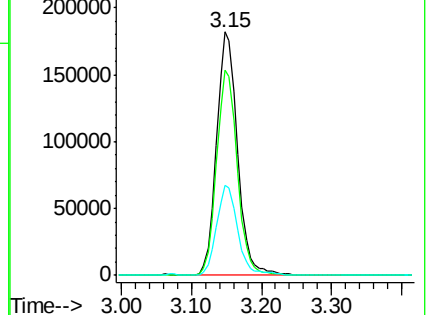
51 37.0 29.9 44.9



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 277.66 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.00 min

Lab File: VX002979.D

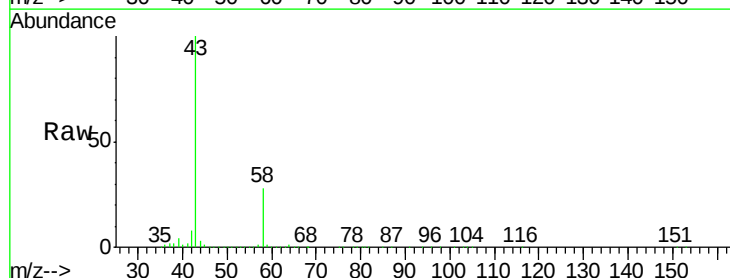
Acq: 28 Jun 2018 12:16

Tgt Ion: 43 Resp: 434100

Ion Ratio Lower Upper

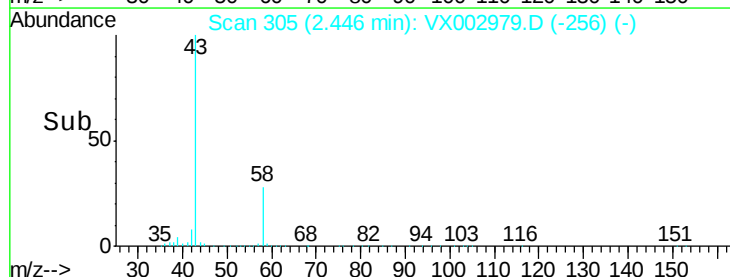
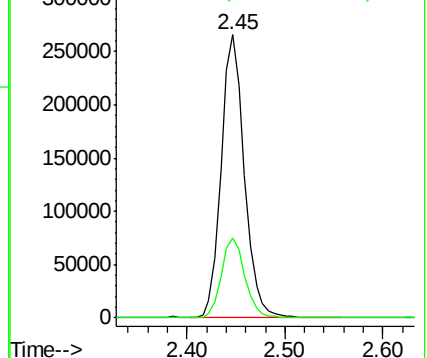
43 100

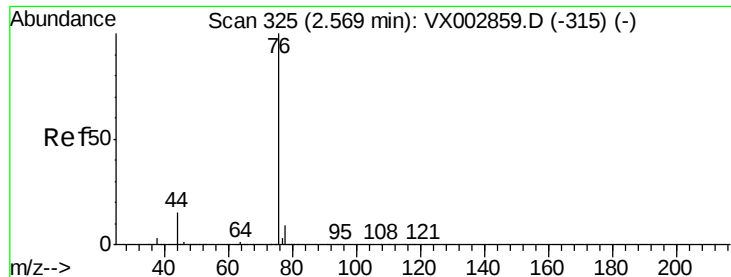
58 28.4 22.1 33.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

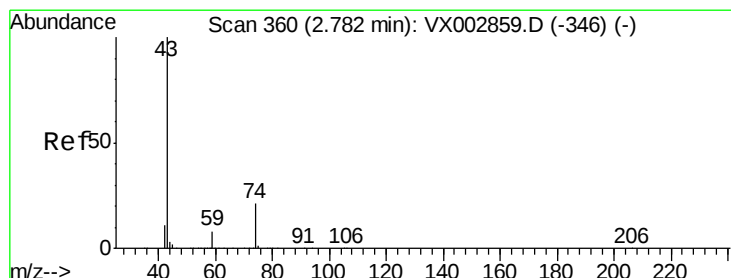
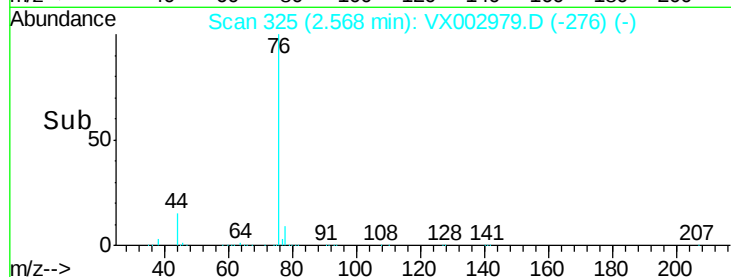
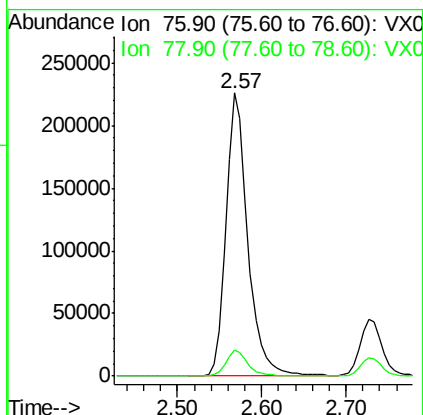
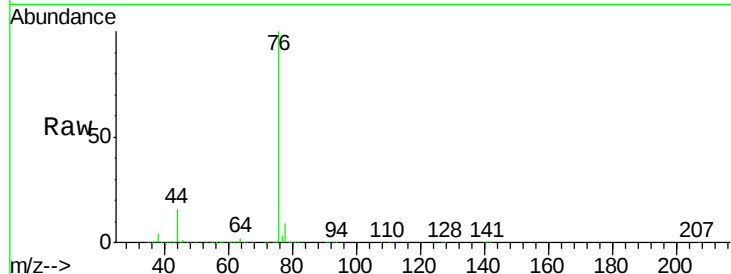




#17
Carbon Disulfide
Concen: 55.76 ug/l
RT: 2.57 min Scan# 325
Delta R.T. -0.00 min
Lab File: VX002979.D
Acq: 28 Jun 2018 12:16

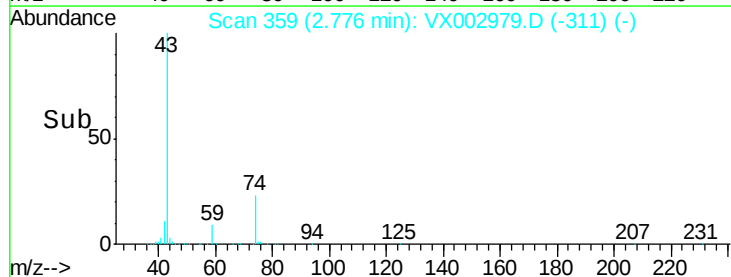
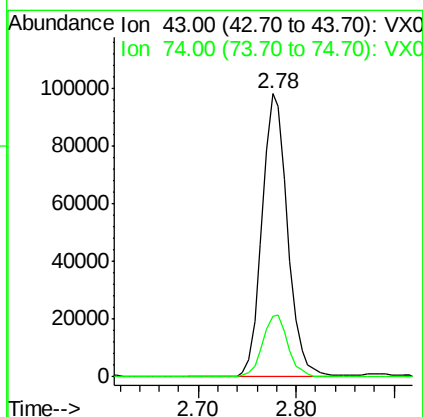
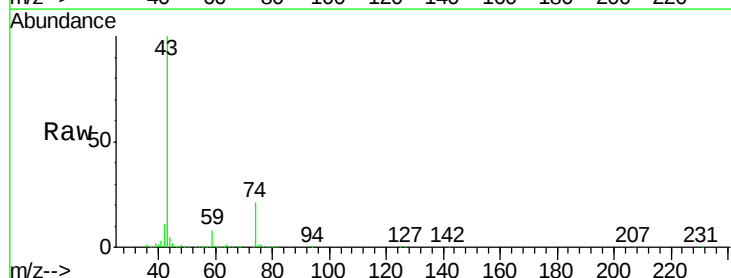
Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

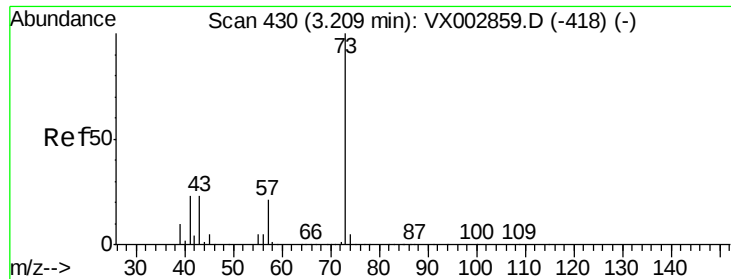
Tot Ion: 76 Resp: 400216
Ion Ratio Lower Upper
76 100
78 9.0 6.9 10.3



#18
Methyl Acetate
Concen: 40.96 ug/l
RT: 2.78 min Scan# 359
Delta R.T. -0.01 min
Lab File: VX002979.D
Acq: 28 Jun 2018 12:16

Tgt Ion: 43 Resp: 179039
Ion Ratio Lower Upper
43 100
74 22.3 16.7 25.1

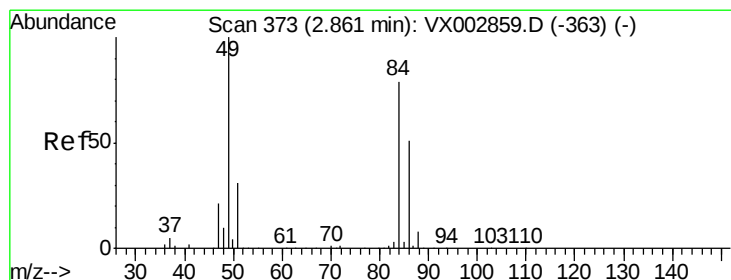
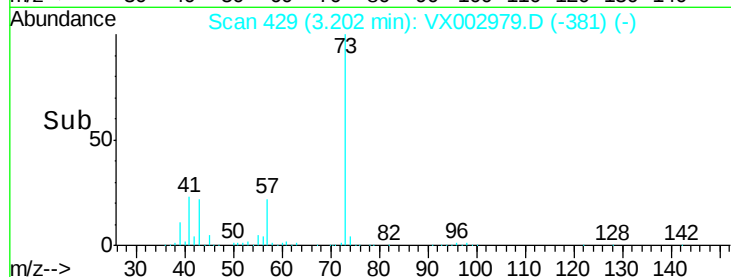
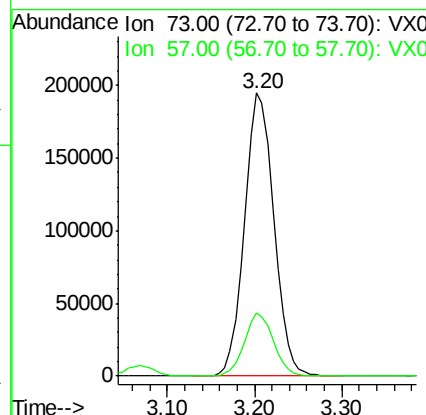
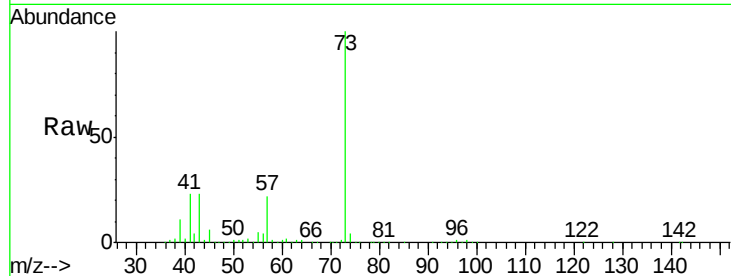




#19
Methyl tert-butyl Ether
Concen: 47.13 ug/l
RT: 3.20 min Scan# 429
Delta R.T. -0.01 min
Lab File: VX002979.D
Acq: 28 Jun 2018 12:16

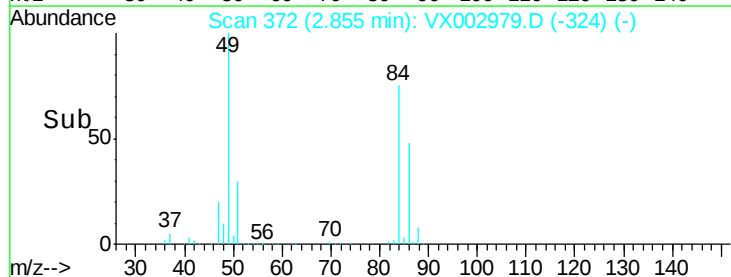
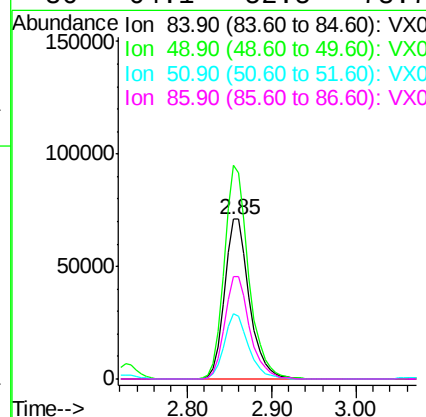
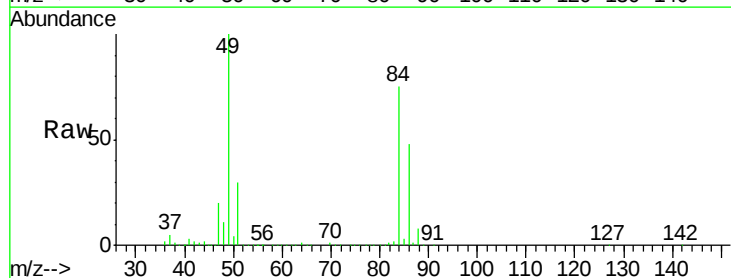
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

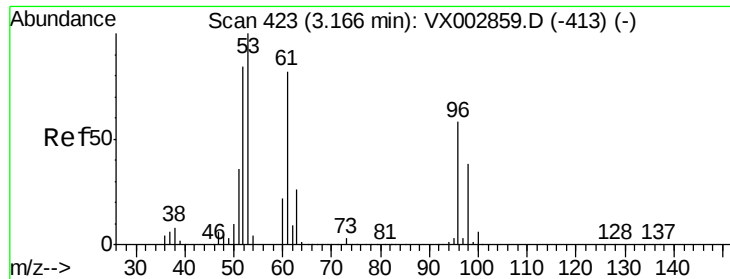
Tot Ion: 73 Resp: 456392
Ion Ratio Lower Upper
73 100
57 22.2 17.7 26.5



#20
Methylene Chloride
Concen: 47.60 ug/l
RT: 2.85 min Scan# 372
Delta R.T. -0.01 min
Lab File: VX002979.D
Acq: 28 Jun 2018 12:16

Tgt Ion: 84 Resp: 144824
Ion Ratio Lower Upper
84 100
49 133.6 107.8 161.6
51 40.4 32.8 49.2
86 64.1 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 48.34 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX002979.D

Acq: 28 Jun 2018 12:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

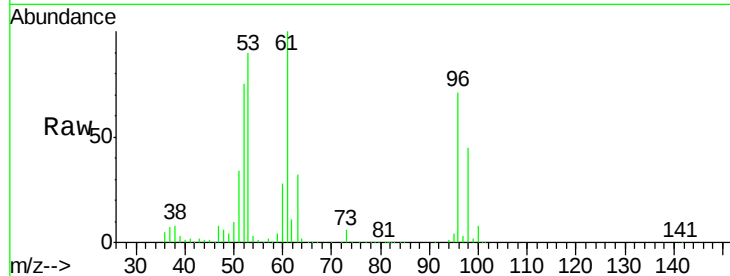
Tot Ion: 96 Resp: 141820

Ion Ratio Lower Upper

96 100

61 141.0 117.0 175.4

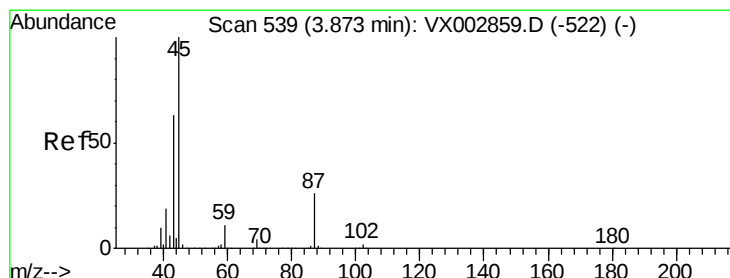
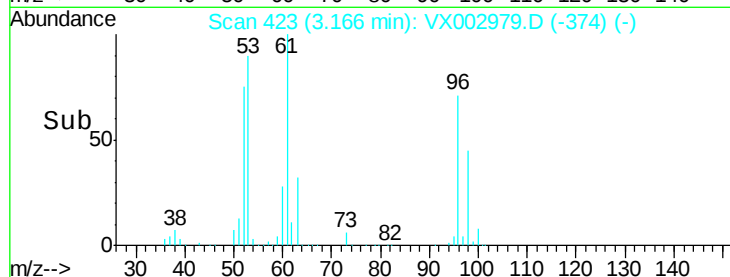
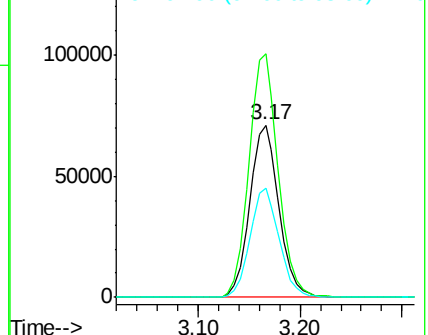
98 63.6 52.4 78.6



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 47.79 ug/l

RT: 3.87 min Scan# 539

Delta R.T. -0.00 min

Lab File: VX002979.D

Acq: 28 Jun 2018 12:16

Tgt Ion: 45 Resp: 485086

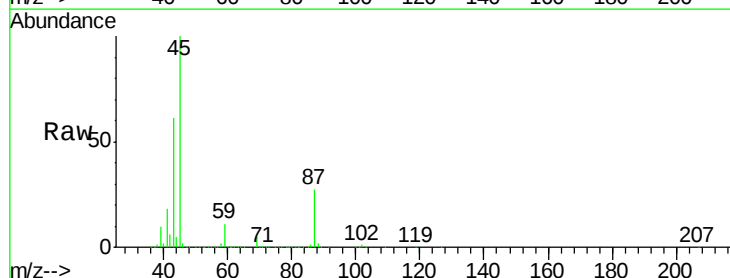
Ion Ratio Lower Upper

45 100

43 61.1 46.8 70.2

87 26.8 20.2 30.4

59 10.9 8.7 13.1

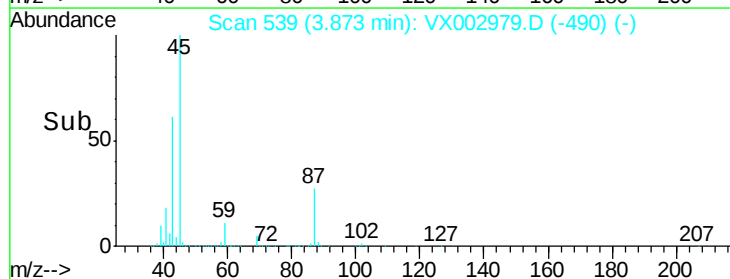
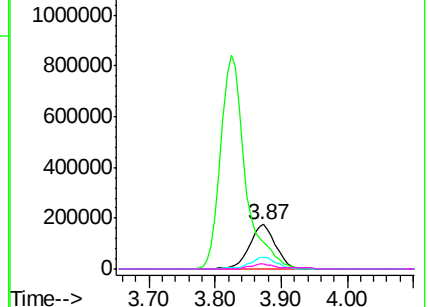


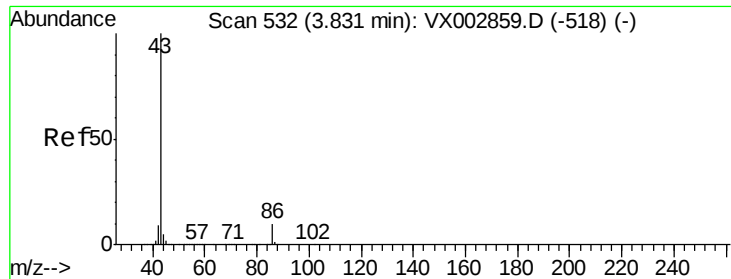
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 254.10 ug/l

RT: 3.82 min Scan# 531

Delta R.T. -0.01 min

Lab File: VX002979.D

Acq: 28 Jun 2018 12:16

Instrument :

MSVOA_X

ClientSampleId :

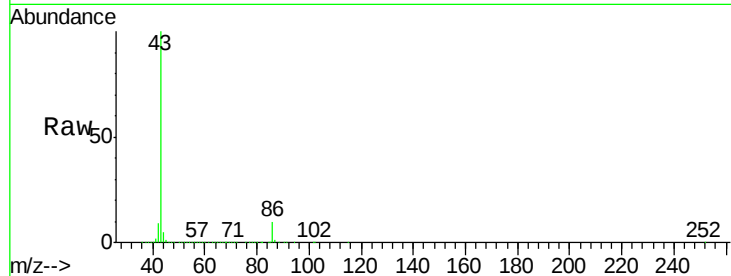
VSTDCCC050

Tot Ion: 43 Resp: 2183874

Ion Ratio Lower Upper

43 100

86 9.8 7.4 11.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

800000

600000

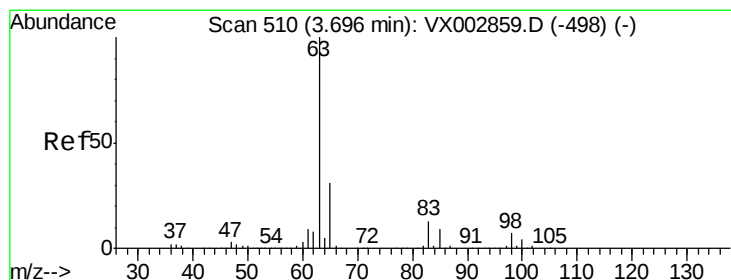
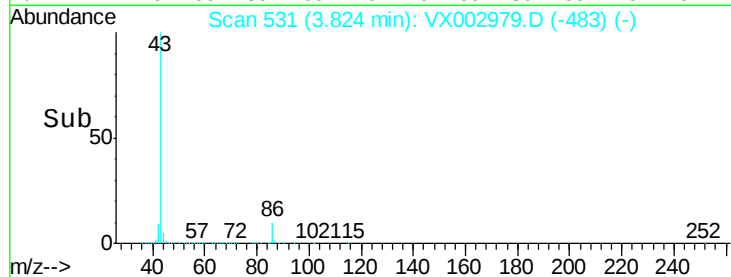
400000

200000

0

3.70 3.80 3.90 4.00 4.10

Time-->



#24

1,1-Dichloroethane

Concen: 48.04 ug/l

RT: 3.70 min Scan# 510

Delta R.T. -0.00 min

Lab File: VX002979.D

Acq: 28 Jun 2018 12:16

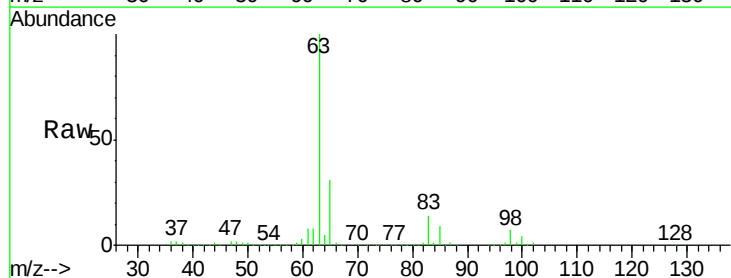
Tgt Ion: 63 Resp: 265003

Ion Ratio Lower Upper

63 100

98 6.7 3.4 10.2

100 4.3 2.0 6.0



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

150000

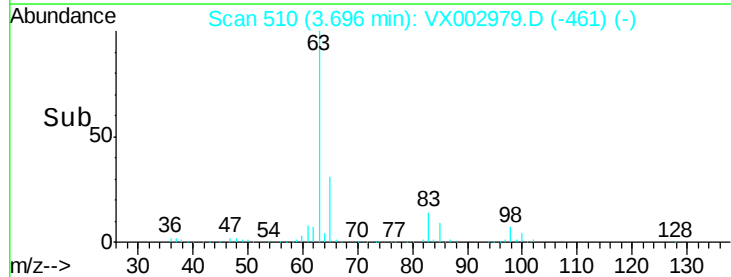
100000

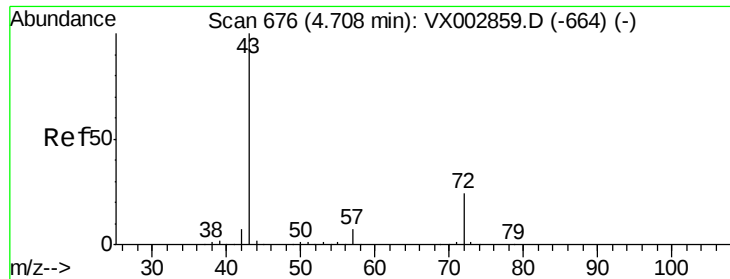
50000

0

3.60 3.70 3.80

Time-->





#25

2-Butanone

Concen: 254.27 ug/l

RT: 4.71 min Scan# 676

Delta R.T. -0.00 min

Lab File: VX002979.D

Acq: 28 Jun 2018 12:16

Instrument :

MSVOA_X

ClientSampleId :

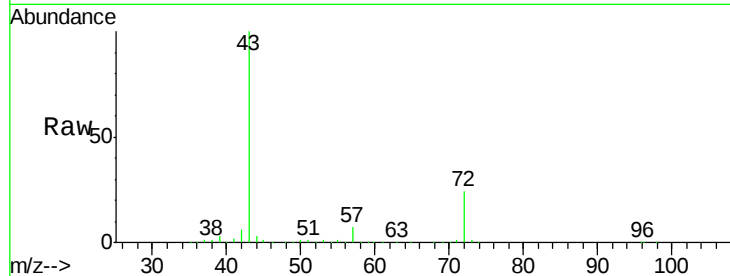
VSTDCCC050

Tot Ion: 43 Resp: 589967

Ion Ratio Lower Upper

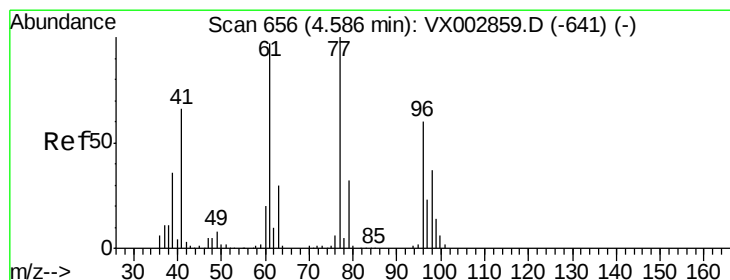
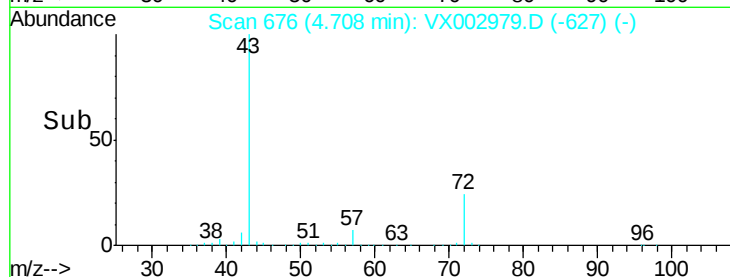
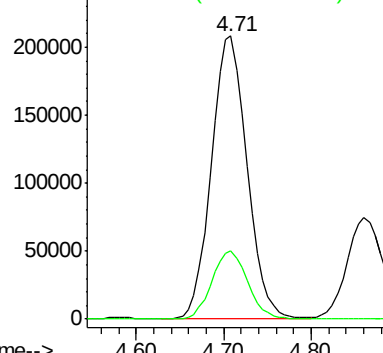
43 100

72 24.2 18.5 27.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 51.25 ug/l

RT: 4.59 min Scan# 656

Delta R.T. -0.00 min

Lab File: VX002979.D

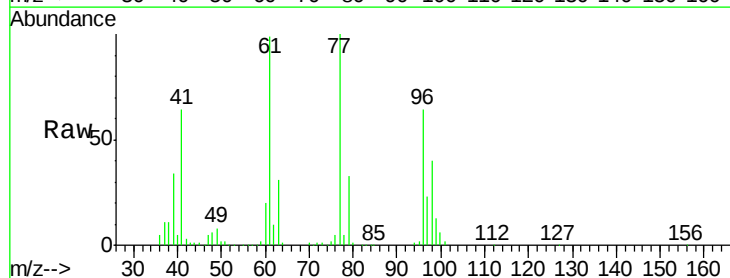
Acq: 28 Jun 2018 12:16

Tgt Ion: 77 Resp: 229917

Ion Ratio Lower Upper

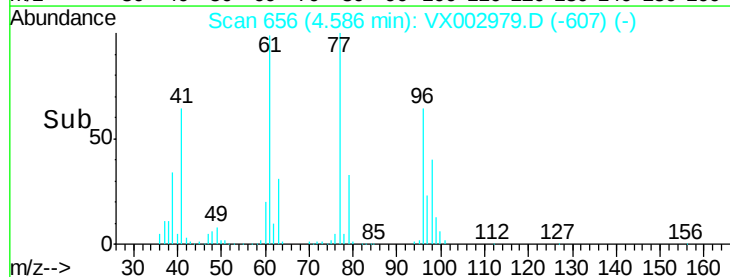
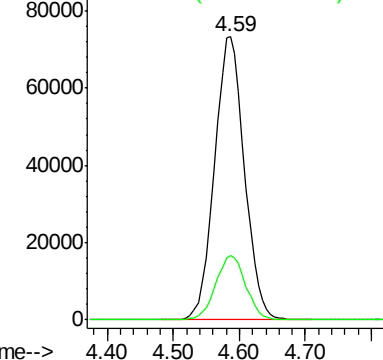
77 100

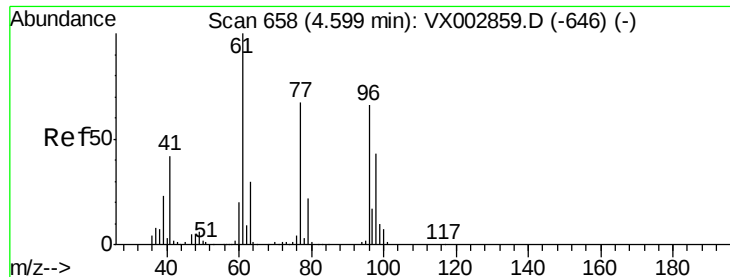
97 22.8 11.2 33.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0





#27

cis-1,2-Dichloroethene

Concen: 49.14 ug/l

RT: 4.60 min Scan# 658

Delta R.T. -0.00 min

Lab File: VX002979.D

Acq: 28 Jun 2018 12:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

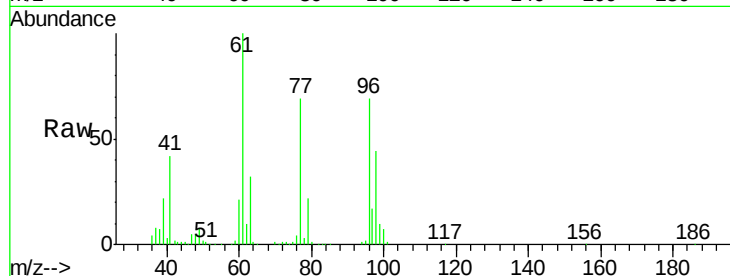
Tot Ion: 96 Resp: 161630

Ion Ratio Lower Upper

96 100

61 157.0 0.0 330.2

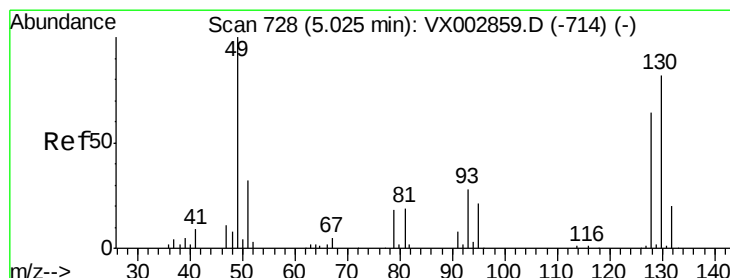
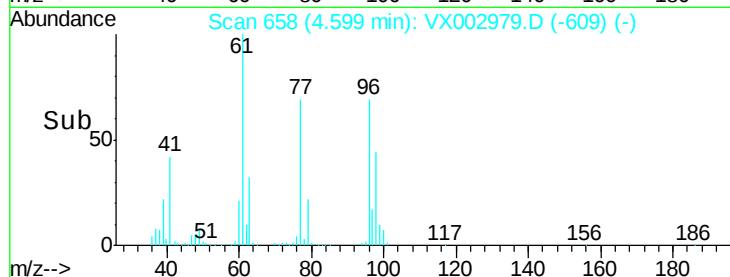
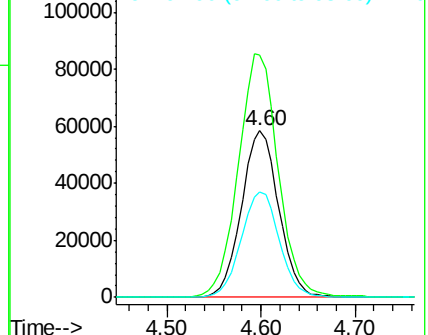
98 65.1 0.0 130.2



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: 48.54 ug/l

RT: 5.02 min Scan# 727

Delta R.T. -0.01 min

Lab File: VX002979.D

Acq: 28 Jun 2018 12:16

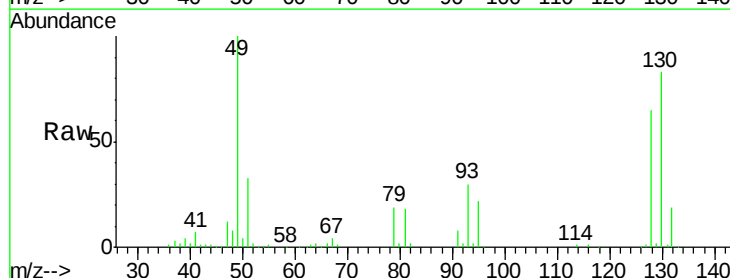
Tgt Ion: 49 Resp: 128166

Ion Ratio Lower Upper

49 100

129 2.3 0.0 4.2

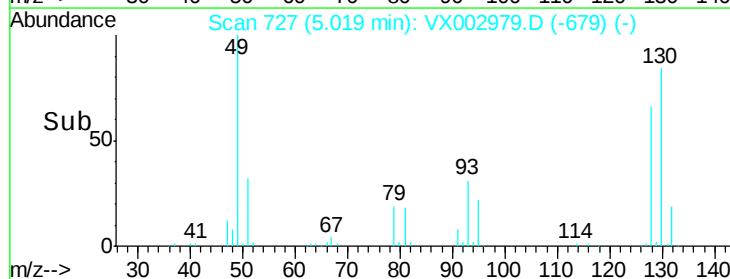
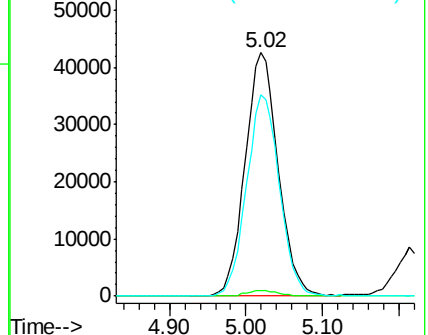
130 82.2 61.2 91.8

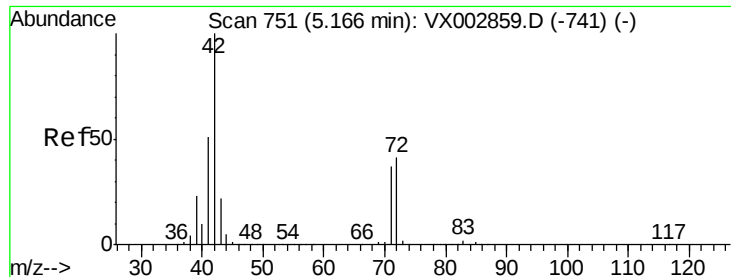


Abundance Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 236.89 ug/l

RT: 5.16 min Scan# 750

Delta R.T. -0.01 min

Lab File: VX002979.D

Acq: 28 Jun 2018 12:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

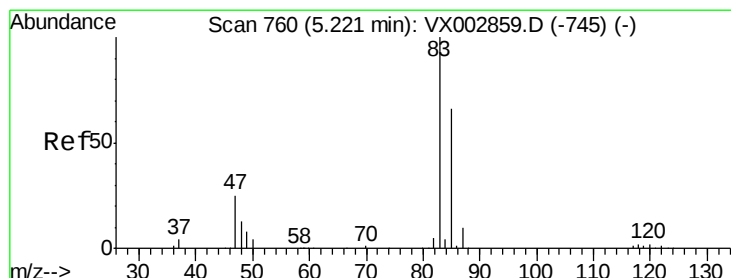
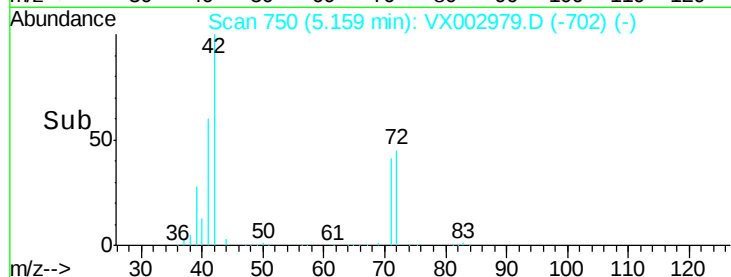
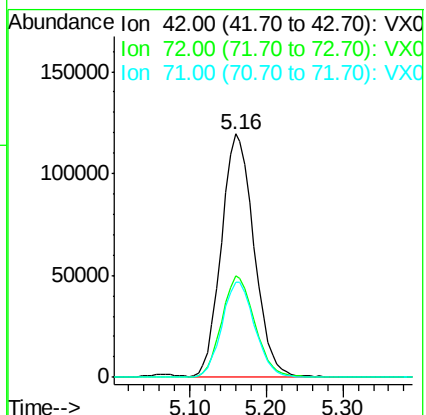
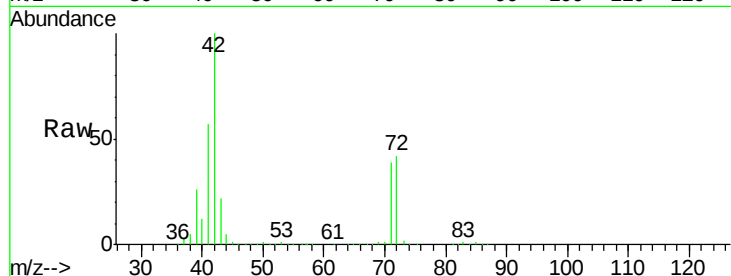
Tot Ion: 42 Resp: 352466

Ion Ratio Lower Upper

42 100

72 42.4 32.0 48.0

71 39.5 30.1 45.1



#30

Chloroform

Concen: 49.22 ug/l

RT: 5.21 min Scan# 759

Delta R.T. -0.01 min

Lab File: VX002979.D

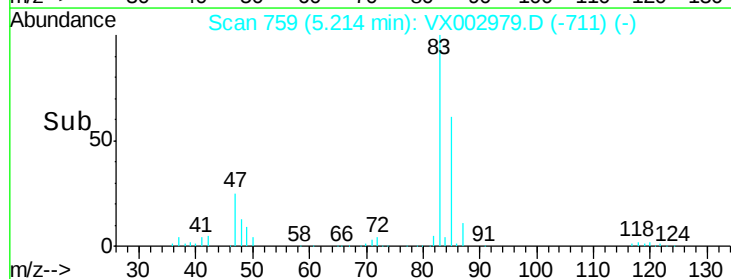
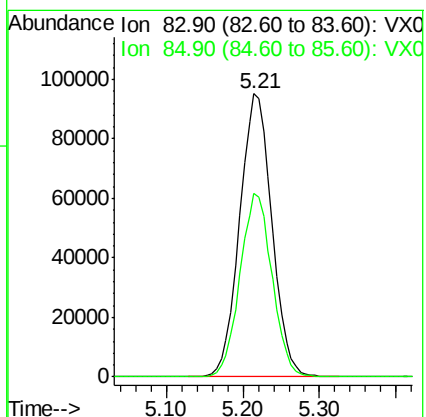
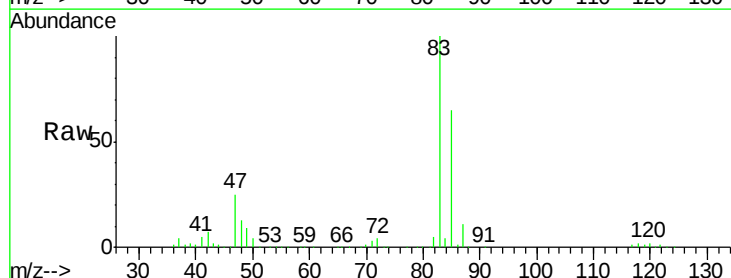
Acq: 28 Jun 2018 12:16

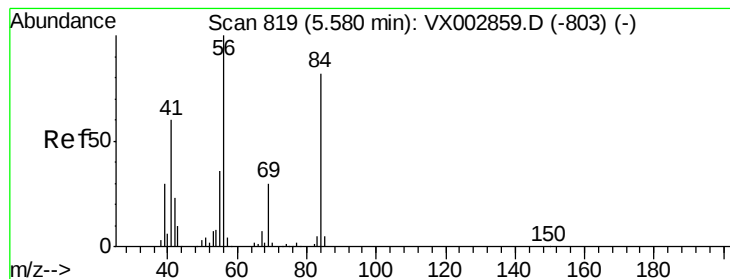
Tgt Ion: 83 Resp: 278668

Ion Ratio Lower Upper

83 100

85 64.7 50.4 75.6





#31

Cyclohexane

Concen: 51.42 ug/l

RT: 5.57 min Scan# 818

Delta R.T. -0.01 min

Lab File: VX002979.D

Acq: 28 Jun 2018 12:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

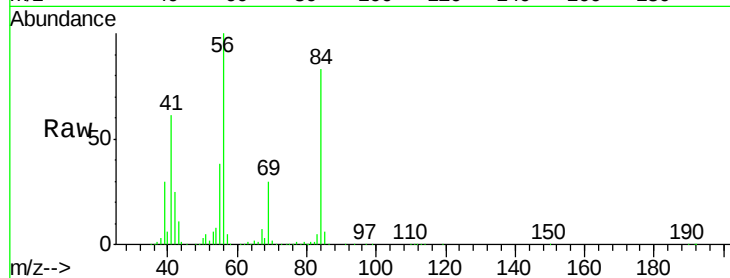
Tot Ion: 56 Resp: 243438

Ion Ratio Lower Upper

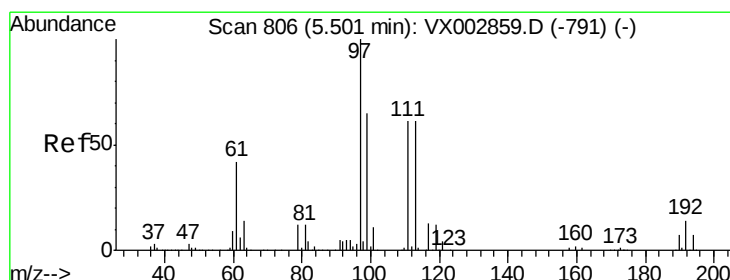
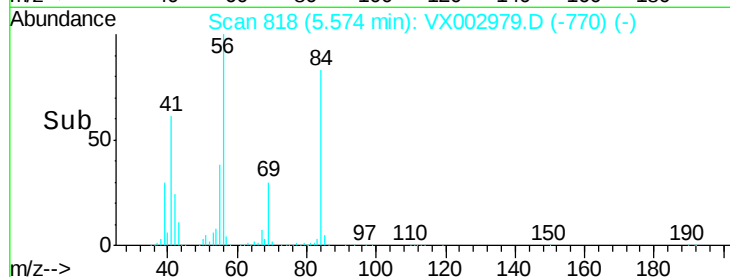
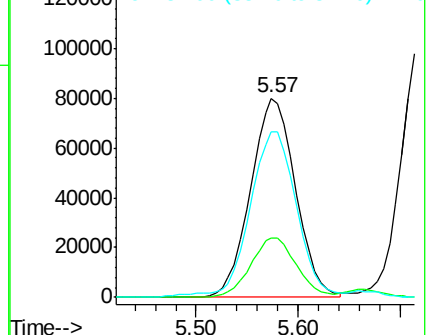
56 100

69 29.9 23.7 35.5

84 81.5 64.1 96.1



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



#32

1,1,1-Trichloroethane

Concen: 50.73 ug/l

RT: 5.50 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX002979.D

Acq: 28 Jun 2018 12:16

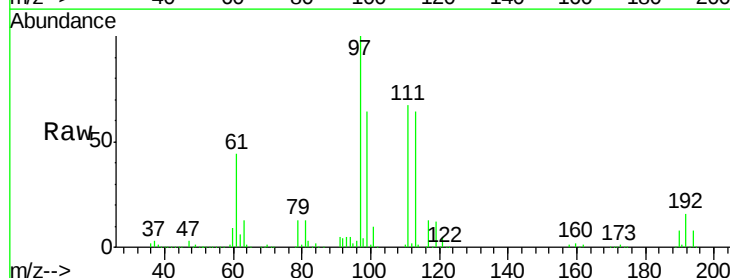
Tgt Ion: 97 Resp: 252703

Ion Ratio Lower Upper

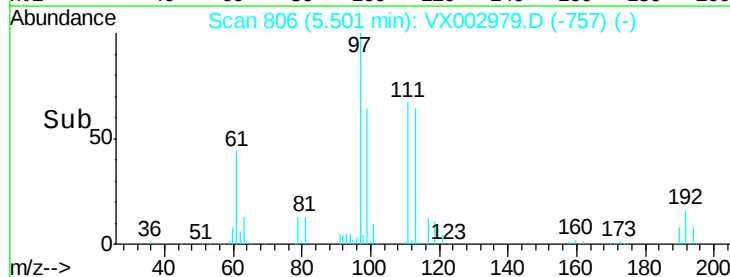
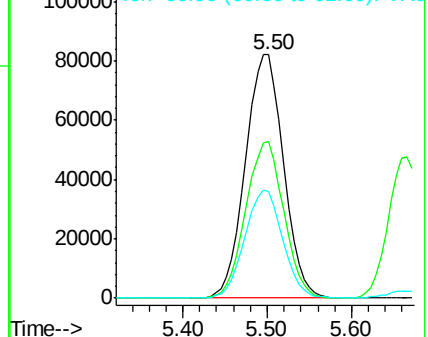
97 100

99 64.3 51.6 77.4

61 44.2 36.4 54.6



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





#33

1,2-Dichloroethane-d4

Concen: 49.67 ug/l

RT: 6.07 min Scan# 899

Delta R.T. 0.00 min

Lab File: VX002979.D

Acq: 28 Jun 2018 12:16

Instrument :

MSVOA_X

ClientSampleId :

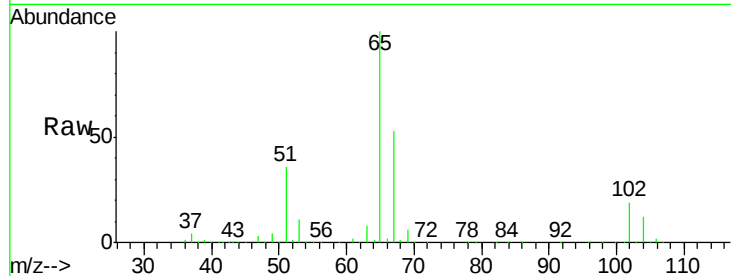
VSTDCCC050

Tot Ion: 65 Resp: 187527

Ion Ratio Lower Upper

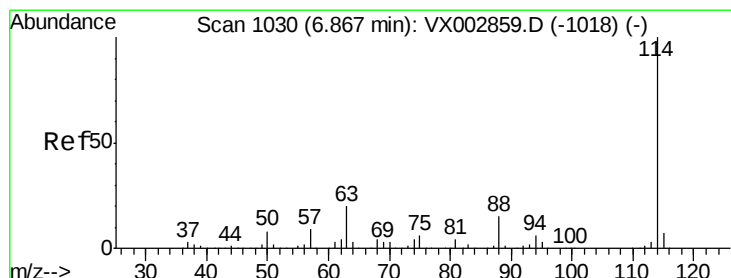
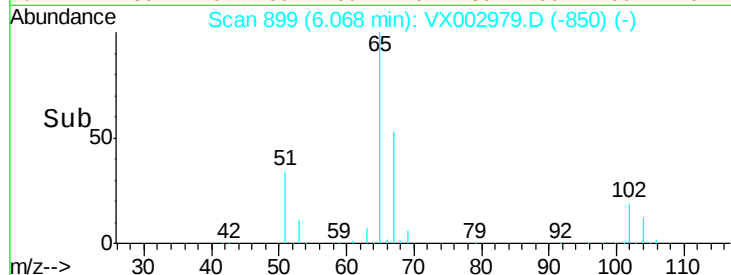
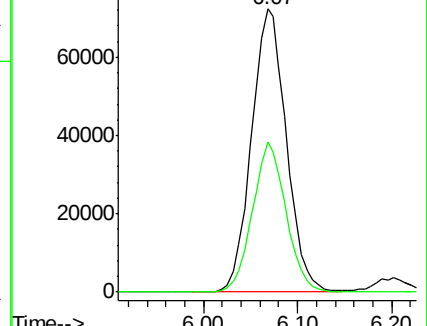
65 100

67 51.1 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.86 min Scan# 1029

Delta R.T. -0.01 min

Lab File: VX002979.D

Acq: 28 Jun 2018 12:16

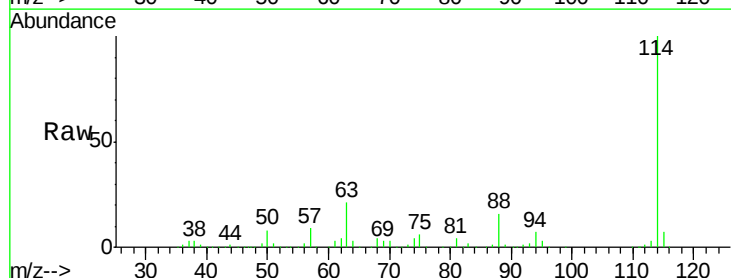
Tgt Ion: 114 Resp: 362267

Ion Ratio Lower Upper

114 100

63 20.6 0.0 41.4

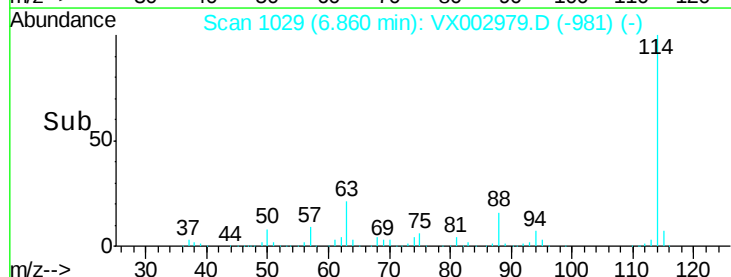
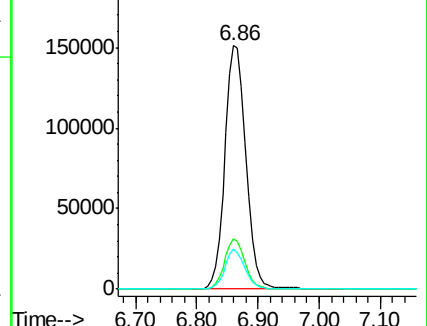
88 16.3 0.0 30.0

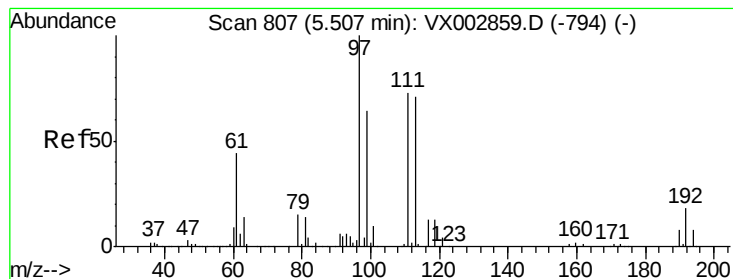


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 53.22 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.00 min

Lab File: VX002979.D

Acq: 28 Jun 2018 12:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

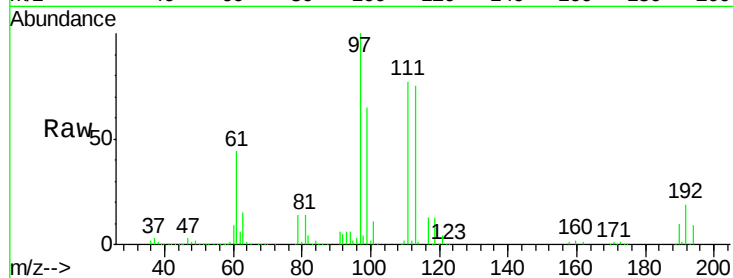
Tot Ion:113 Resp: 152692

Ion Ratio Lower Upper

113 100

111 101.9 81.4 122.0

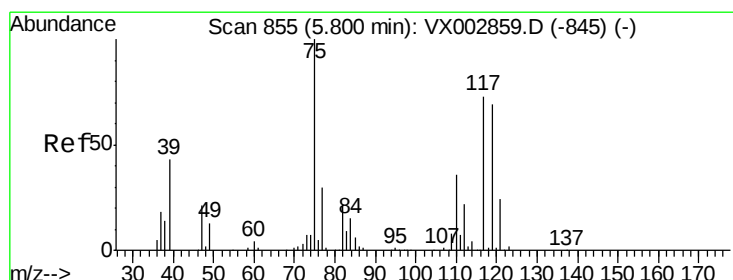
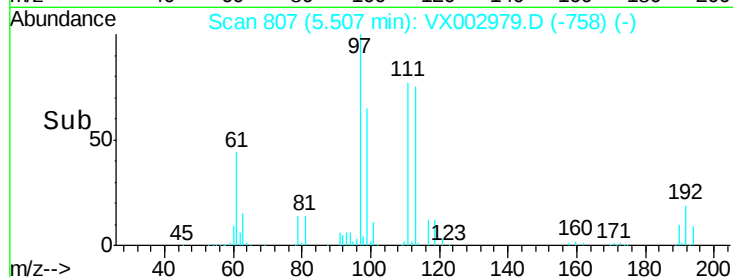
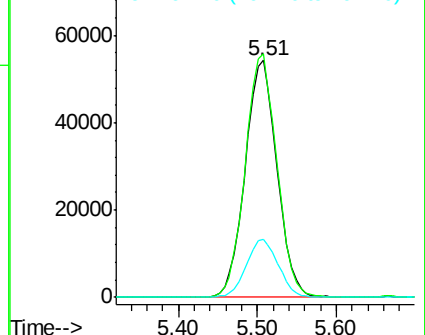
192 24.5 19.1 28.7



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 52.85 ug/l

RT: 5.80 min Scan# 855

Delta R.T. -0.00 min

Lab File: VX002979.D

Acq: 28 Jun 2018 12:16

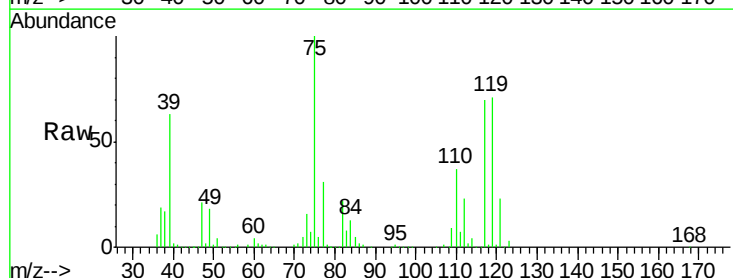
Tgt Ion: 75 Resp: 209952

Ion Ratio Lower Upper

75 100

110 37.1 18.1 54.4

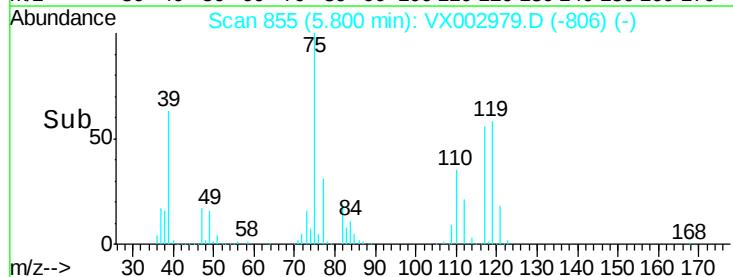
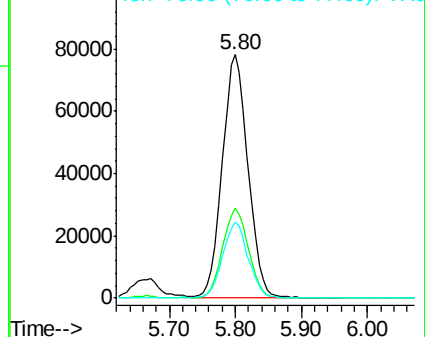
77 30.7 24.3 36.5

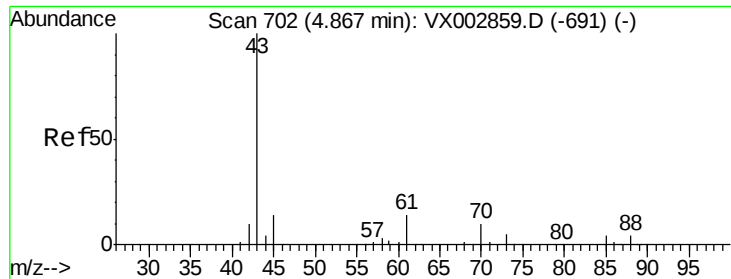


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

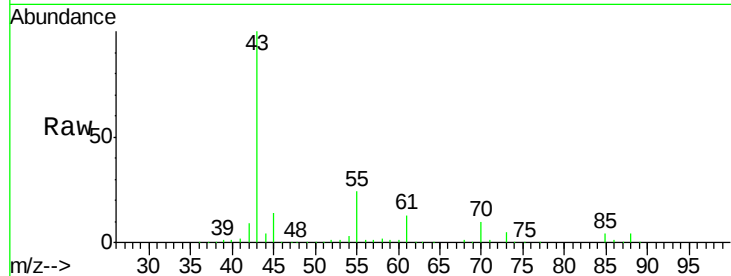




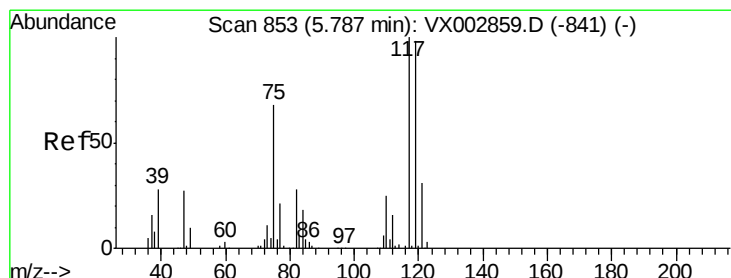
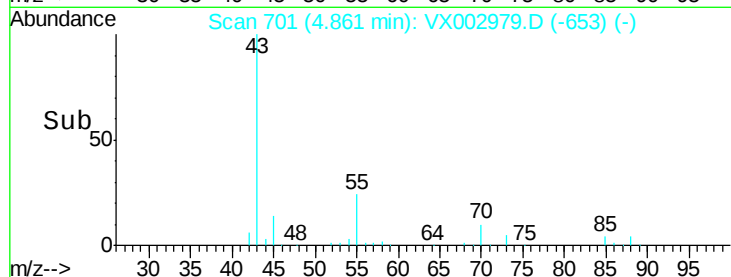
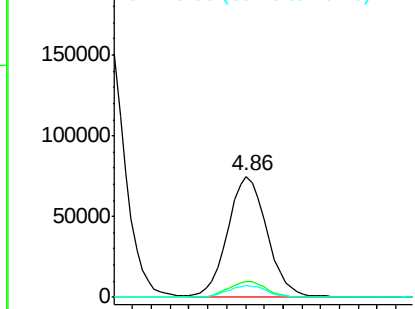
#37
Ethyl Acetate
Concen: 50.60 ug/l
RT: 4.86 min Scan# 701
Delta R.T. -0.01 min
Lab File: VX002979.D
Acq: 28 Jun 2018 12:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 216451
Ion Ratio Lower Upper
43 100
61 13.3 10.4 15.6
70 9.8 7.6 11.4

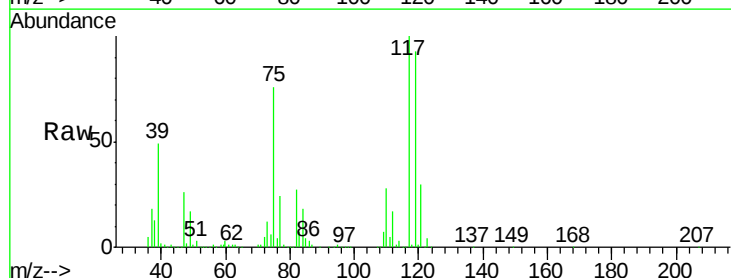


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

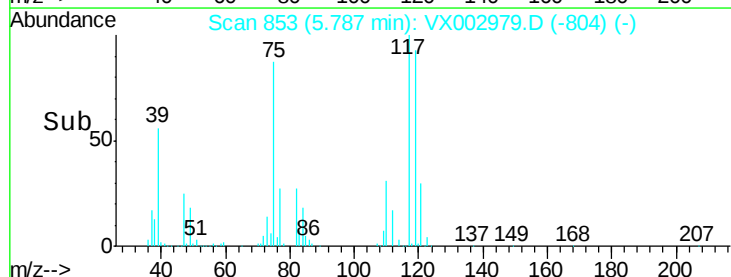
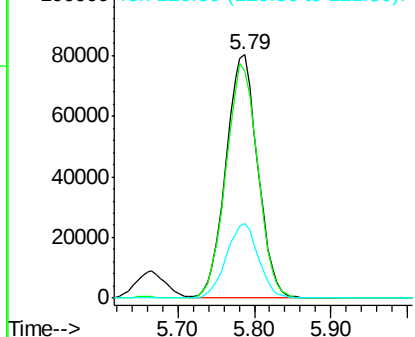


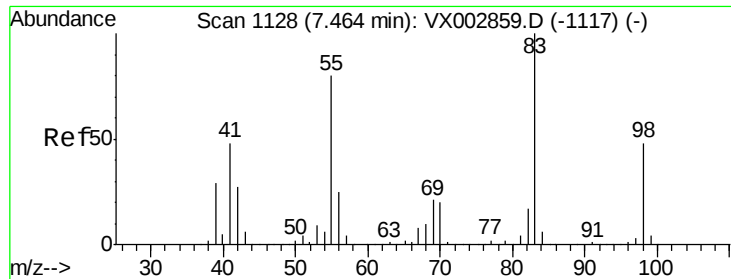
#38
Carbon Tetrachloride
Concen: 52.97 ug/l
RT: 5.79 min Scan# 853
Delta R.T. -0.00 min
Lab File: VX002979.D
Acq: 28 Jun 2018 12:16

Tgt Ion: 117 Resp: 230938
Ion Ratio Lower Upper
117 100
119 93.5 77.4 116.0
121 30.5 24.4 36.6



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

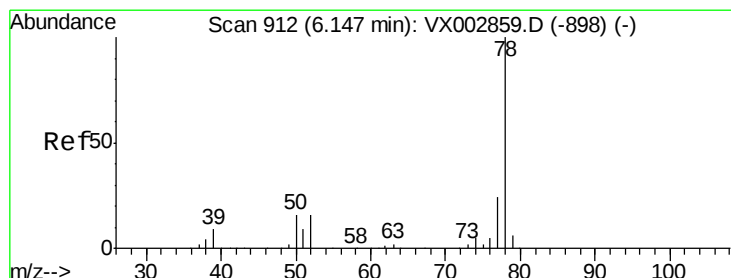
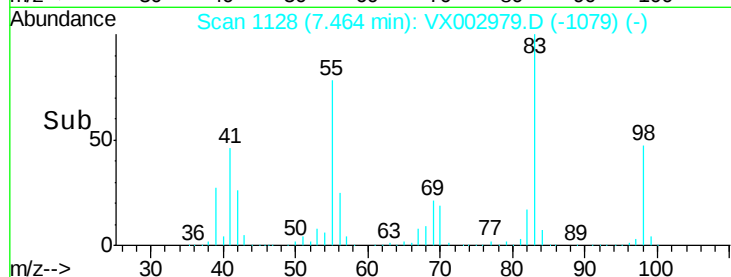
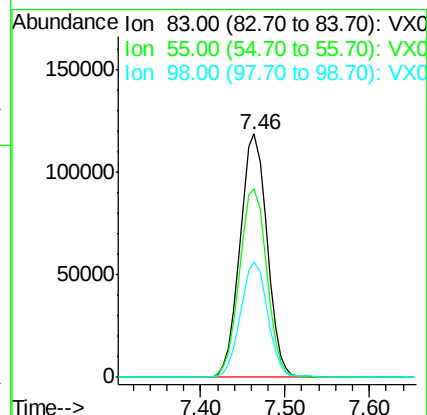
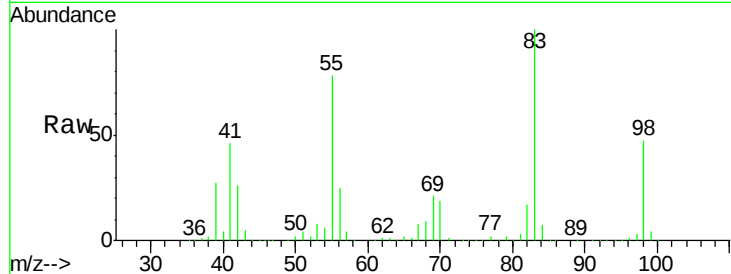




#39
Methvlcvclohexane
Concen: 55.65 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VX002979.D
Acq: 28 Jun 2018 12:16

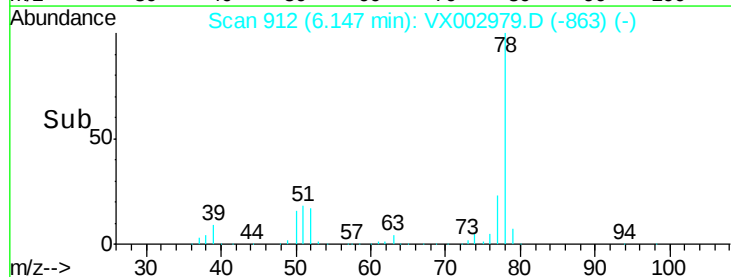
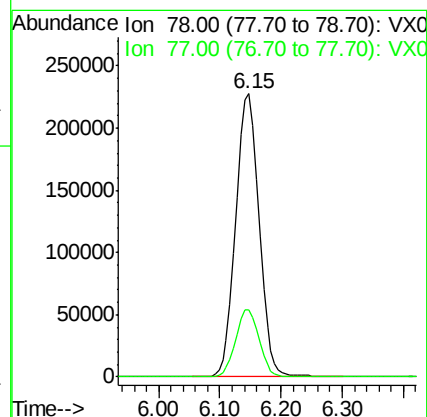
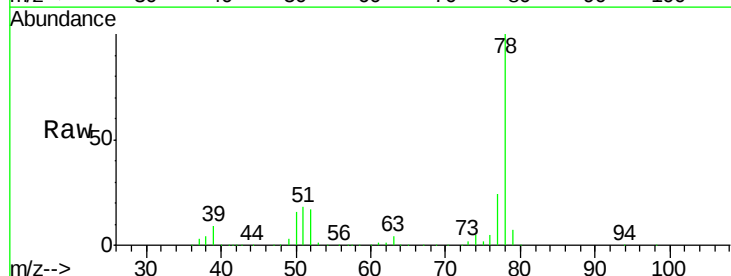
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 83 Resp: 257500
Ion Ratio Lower Upper
83 100
55 77.5 65.4 98.0
98 47.4 37.4 56.0



#40
Benzene
Concen: 51.98 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.00 min
Lab File: VX002979.D
Acq: 28 Jun 2018 12:16

Tgt Ion: 78 Resp: 599965
Ion Ratio Lower Upper
78 100
77 23.6 19.1 28.7





#41

Methacrylonitrile

Concen: 50.89 ug/l

RT: 5.06 min Scan# 734

Delta R.T. -0.01 min

Lab File: VX002979.D

Acq: 28 Jun 2018 12:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 41 Resp: 125349

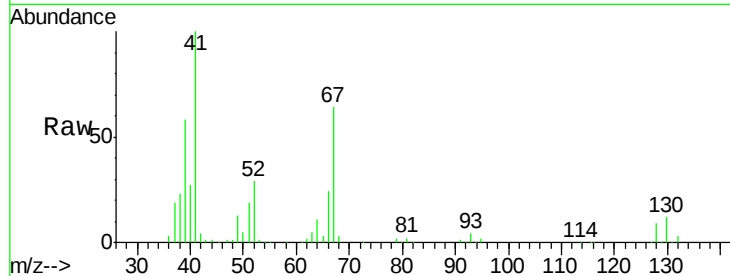
Ion Ratio Lower Upper

41 100

39 55.9 45.8 68.6

67 65.9 51.3 76.9

52 29.0 23.0 34.6

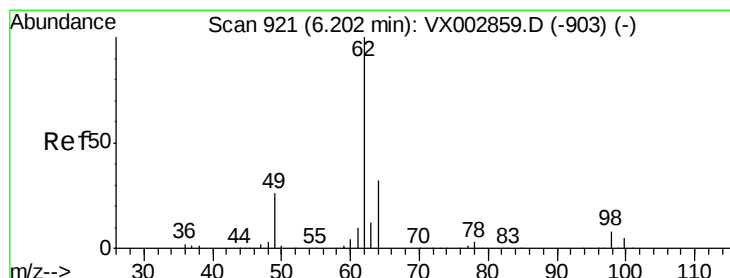
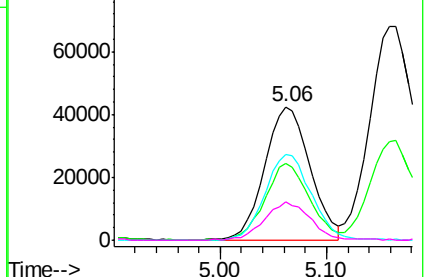
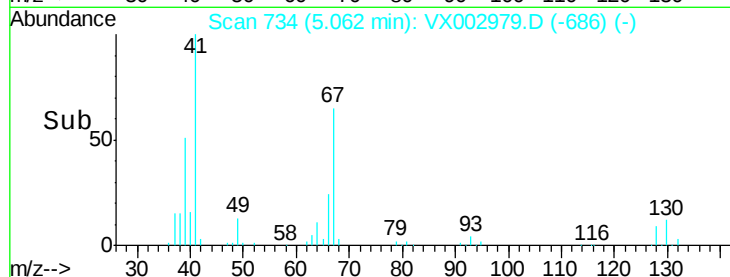


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 49.46 ug/l

RT: 6.20 min Scan# 920

Delta R.T. -0.01 min

Lab File: VX002979.D

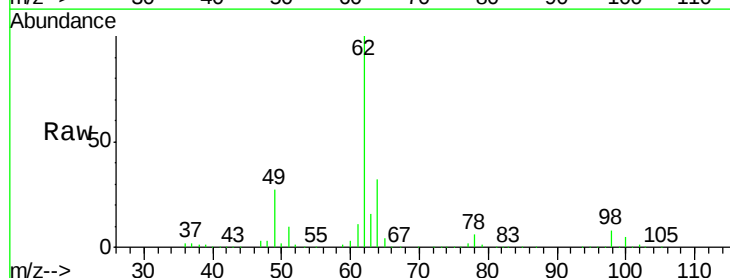
Acq: 28 Jun 2018 12:16

Tgt Ion: 62 Resp: 230632

Ion Ratio Lower Upper

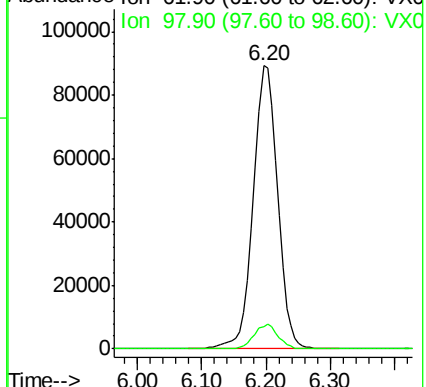
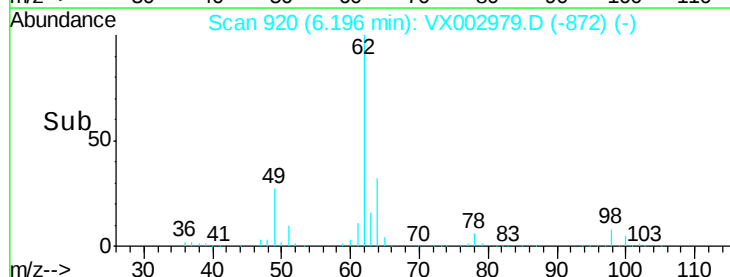
62 100

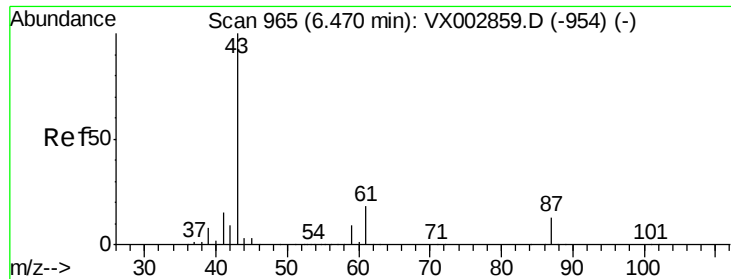
98 8.5 0.0 16.6



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



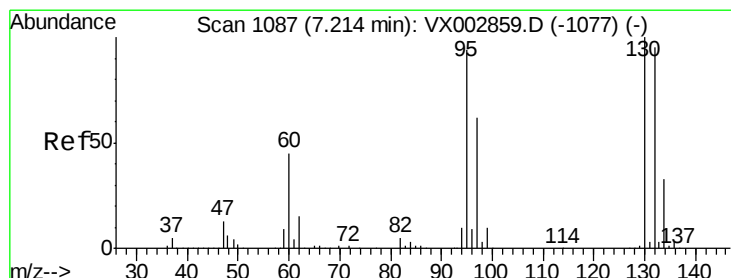
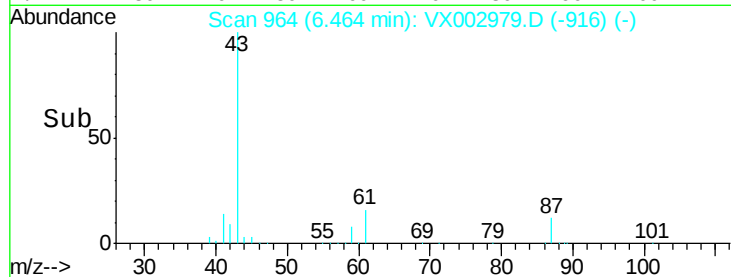
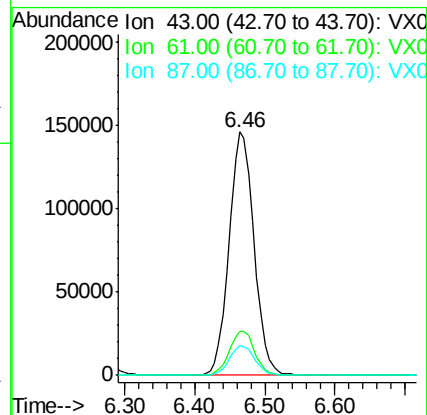
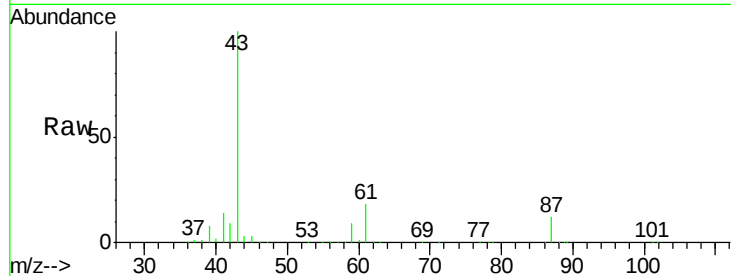


#43

Isopropyl Acetate
 Concen: 50.43 ug/l
 RT: 6.46 min Scan# 964
 Delta R.T. -0.01 min
 Lab File: VX002979.D
 Acq: 28 Jun 2018 12:16

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

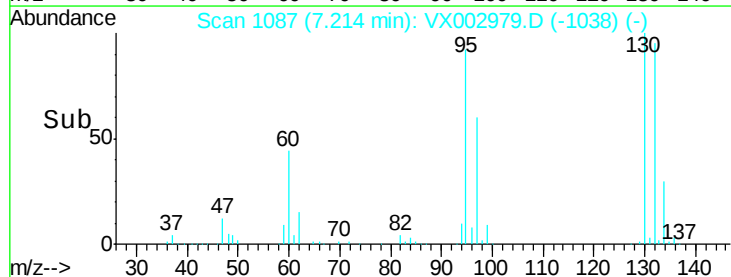
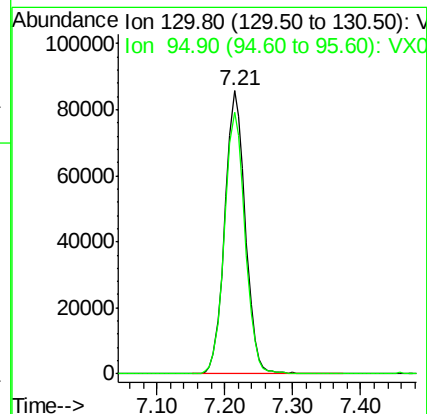
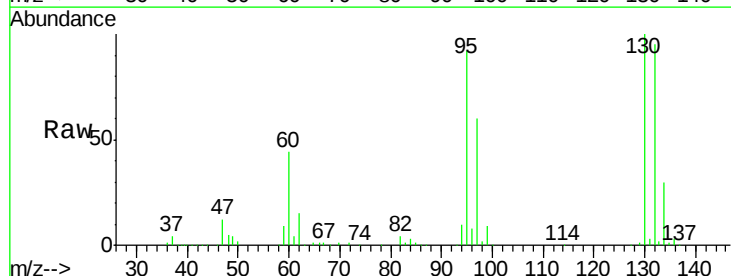
Tot Ion: 43 Resp: 361808
 Ion Ratio Lower Upper
 43 100
 61 18.4 14.4 21.6
 87 12.4 9.5 14.3

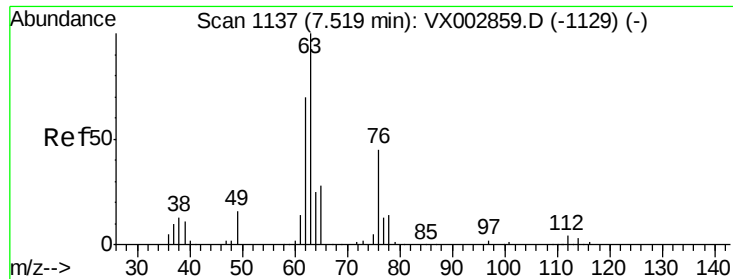


#44

Trichloroethene
 Concen: 52.05 ug/l
 RT: 7.21 min Scan# 1087
 Delta R.T. -0.00 min
 Lab File: VX002979.D
 Acq: 28 Jun 2018 12:16

Tgt Ion:130 Resp: 179132
 Ion Ratio Lower Upper
 130 100
 95 92.4 0.0 185.4

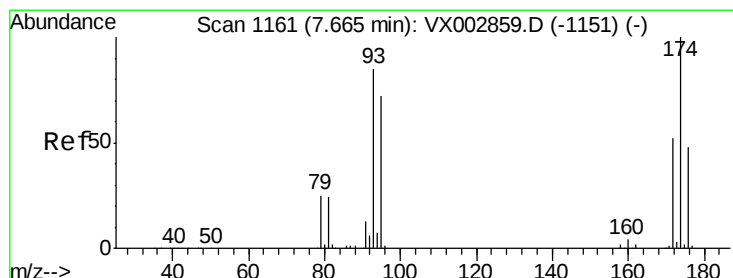
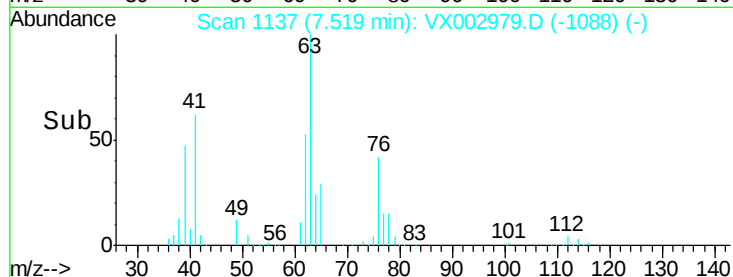
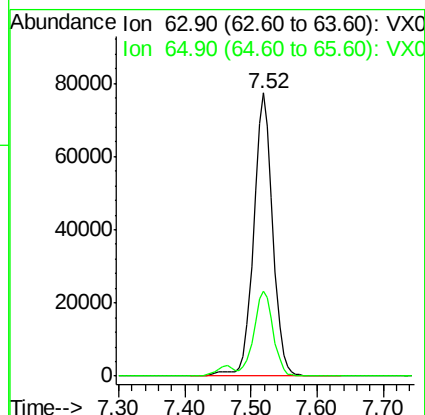
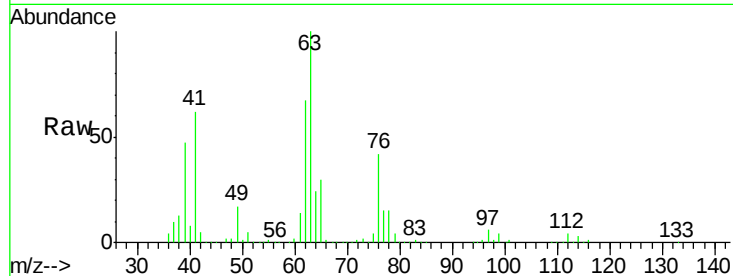




#45
 1,2-Dichloropropane
 Concen: 51.04 ug/l
 RT: 7.52 min Scan# 1137
 Delta R.T. -0.00 min
 Lab File: VX002979.D
 Acq: 28 Jun 2018 12:16

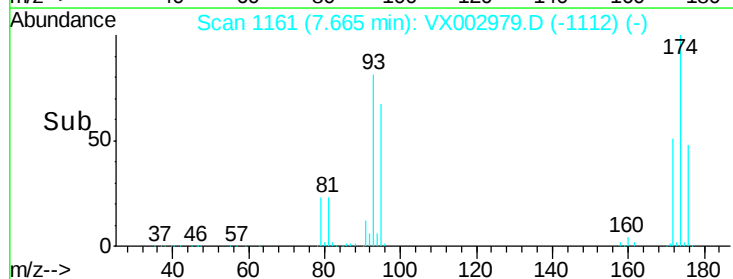
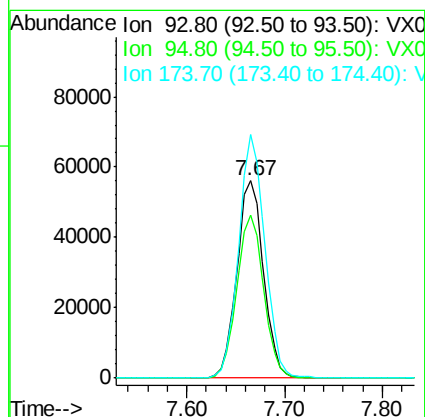
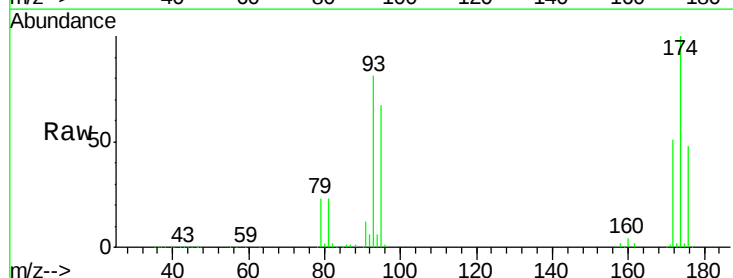
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion: 63 Resp: 156288
 Ion Ratio Lower Upper
 63 100
 65 30.2 24.7 37.1



#46
 Dibromomethane
 Concen: 50.22 ug/l
 RT: 7.67 min Scan# 1161
 Delta R.T. -0.00 min
 Lab File: VX002979.D
 Acq: 28 Jun 2018 12:16

Tgt Ion: 93 Resp: 106714
 Ion Ratio Lower Upper
 93 100
 95 82.8 65.9 98.9
 174 120.7 92.4 138.6





#47

Bromodichloromethane

Concen: 53.90 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.00 min

Lab File: VX002979.D

Acq: 28 Jun 2018 12:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

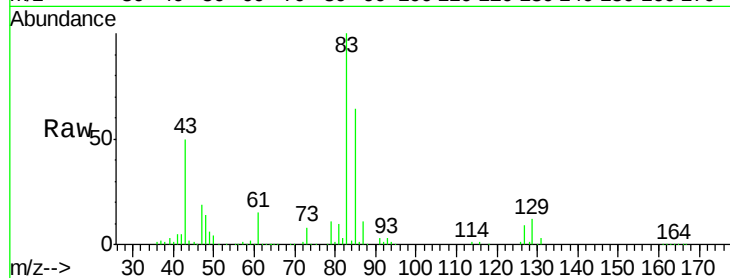
Tot Ion: 83 Resp: 211743

Ion Ratio Lower Upper

83 100

85 63.9 50.3 75.5

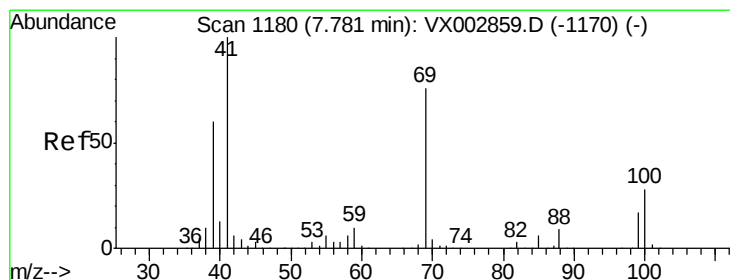
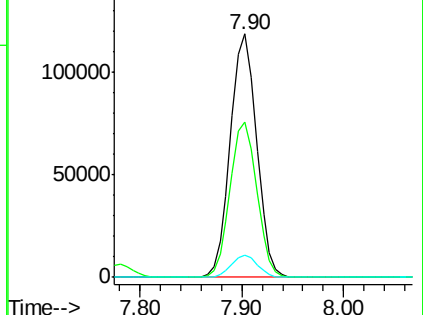
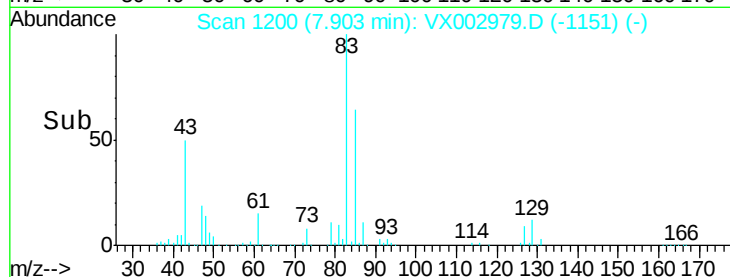
127 9.1 7.0 10.4



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 50.67 ug/l

RT: 7.78 min Scan# 1180

Delta R.T. -0.00 min

Lab File: VX002979.D

Acq: 28 Jun 2018 12:16

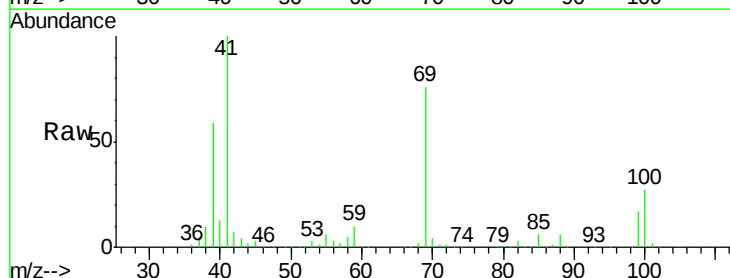
Tgt Ion: 41 Resp: 187293

Ion Ratio Lower Upper

41 100

69 77.2 59.1 88.7

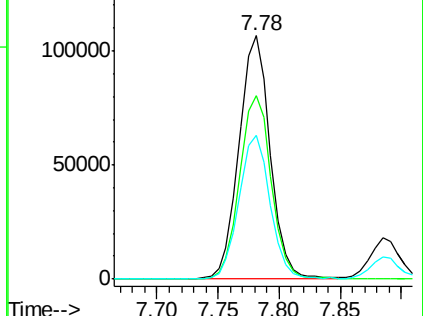
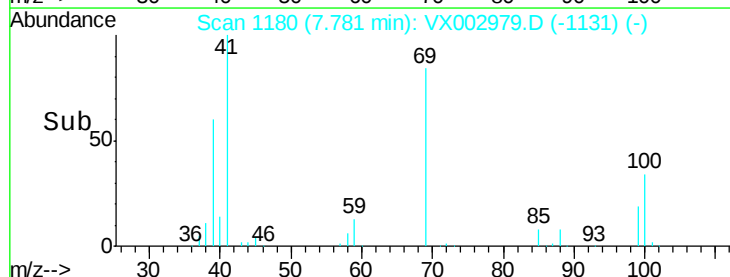
39 59.4 48.9 73.3

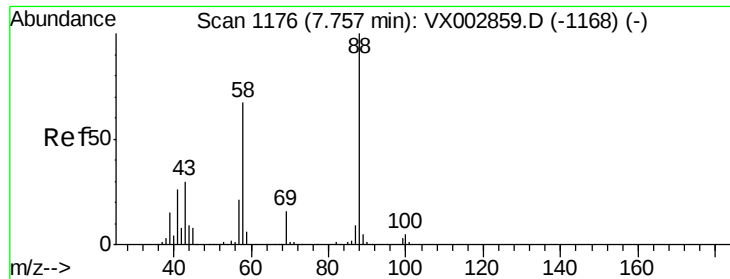


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

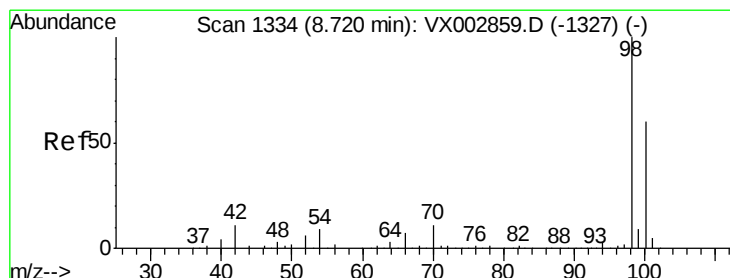
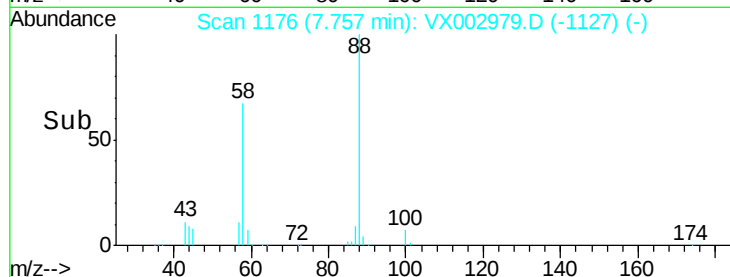
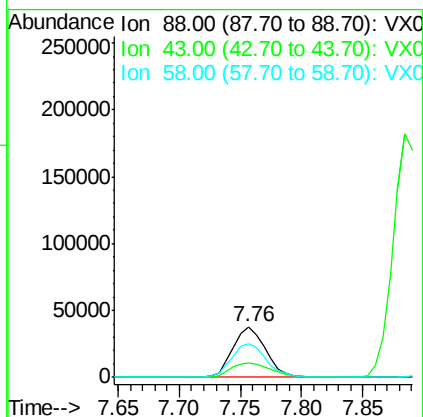
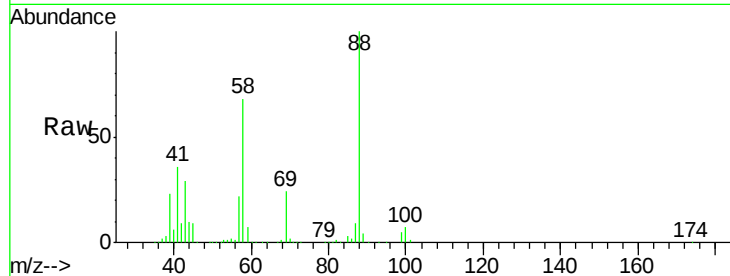




#49
1,4-Dioxane
Concen: 976.37 ug/l
RT: 7.76 min Scan# 1176
Delta R.T. -0.00 min
Lab File: VX002979.D
Acq: 28 Jun 2018 12:16

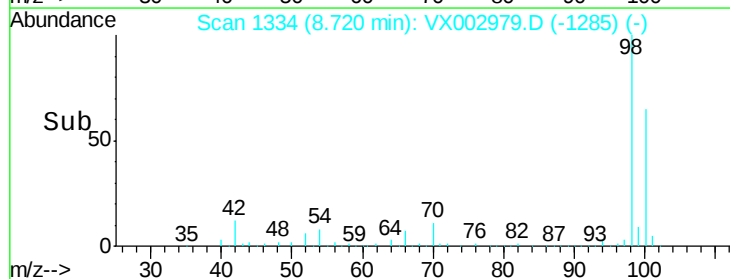
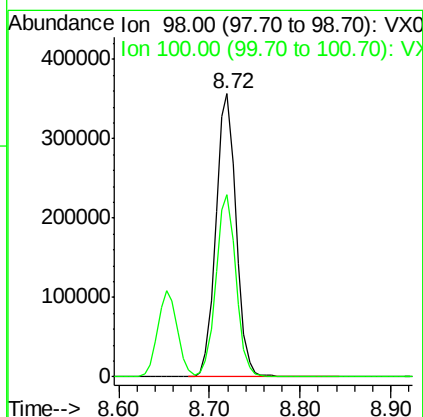
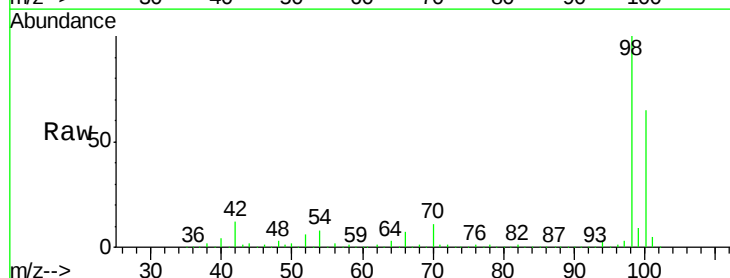
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

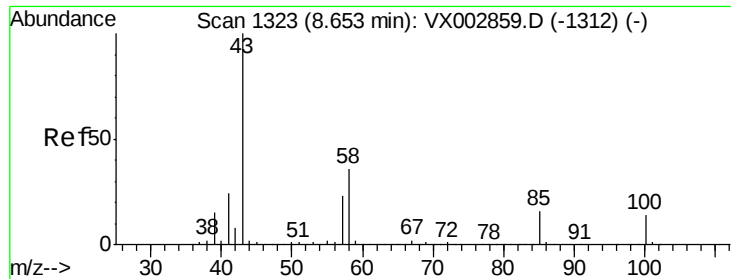
Tot Ion: 88 Resp: 70216
Ion Ratio Lower Upper
88 100
43 34.6 29.8 44.6
58 70.3 57.1 85.7



#50
Toluene-d8
Concen: 53.34 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX002979.D
Acq: 28 Jun 2018 12:16

Tgt Ion: 98 Resp: 558851
Ion Ratio Lower Upper
98 100
100 64.1 50.9 76.3





#51

4-Methyl-2-Pentanone

Concen: 254.25 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. -0.00 min

Lab File: VX002979.D

Acq: 28 Jun 2018 12:16

Instrument :

MSVOA_X

ClientSampleId :

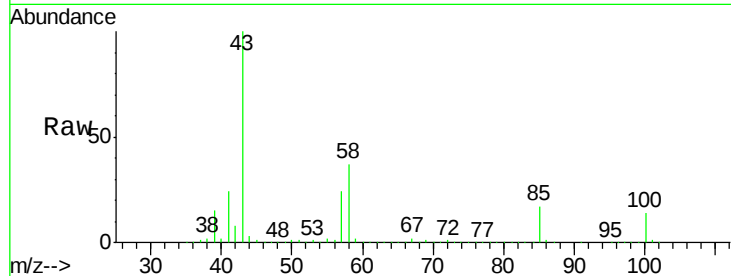
VSTDCCC050

Tot Ion: 43 Resp: 1141164

Ion Ratio Lower Upper

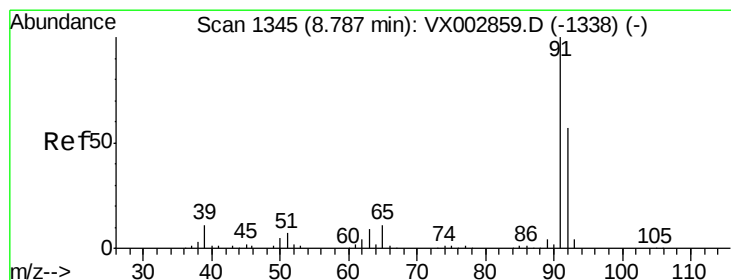
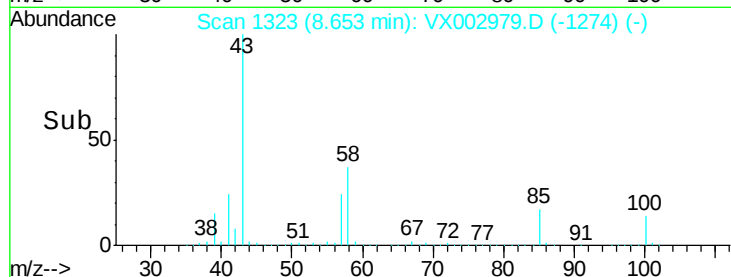
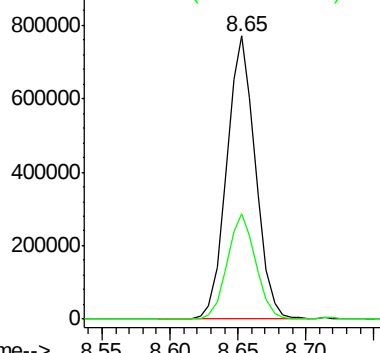
43 100

58 36.8 28.6 42.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 52.87 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.00 min

Lab File: VX002979.D

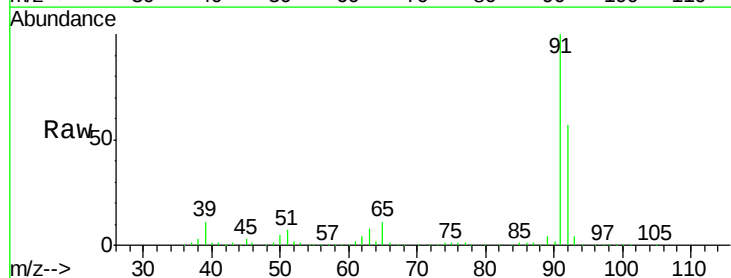
Acq: 28 Jun 2018 12:16

Tgt Ion: 92 Resp: 390958

Ion Ratio Lower Upper

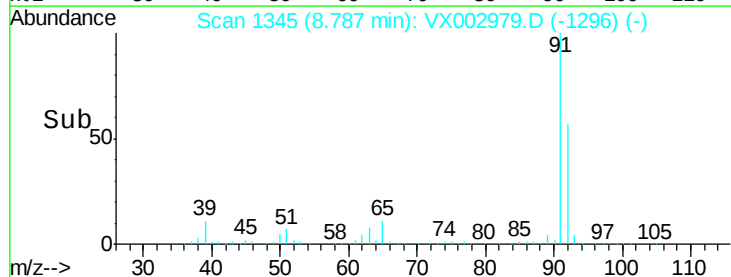
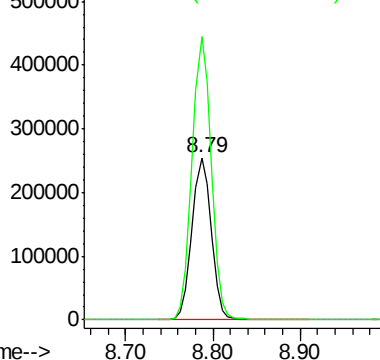
92 100

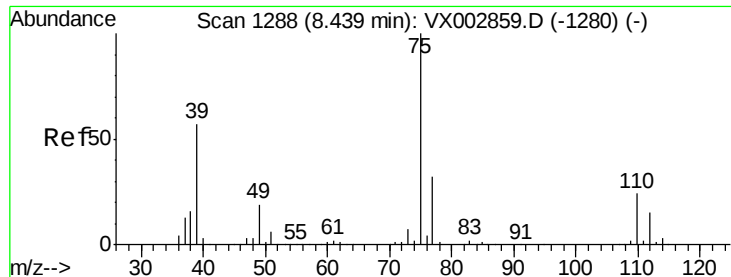
91 173.5 140.4 210.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





#53

t-1,3-Dichloropropene

Concen: 55.48 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. -0.00 min

Lab File: VX002979.D

Acq: 28 Jun 2018 12:16

Instrument :

MSVOA_X

ClientSampleId :

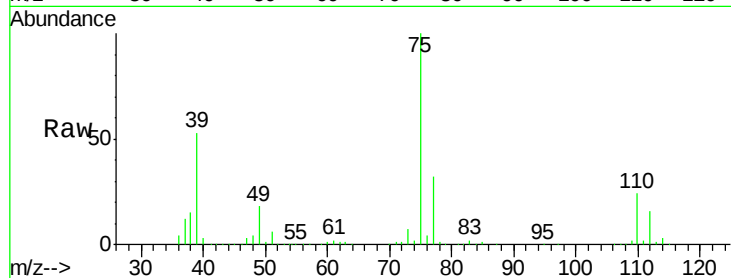
VSTDCCC050

Tot Ion: 75 Resp: 246827

Ion Ratio Lower Upper

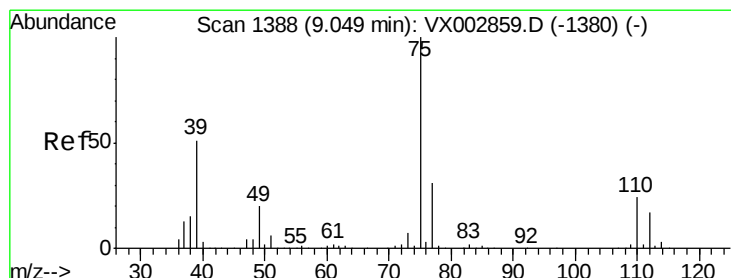
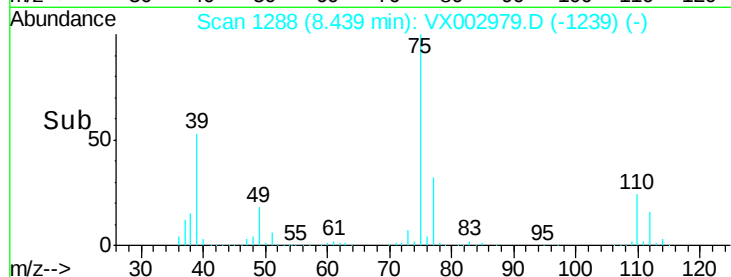
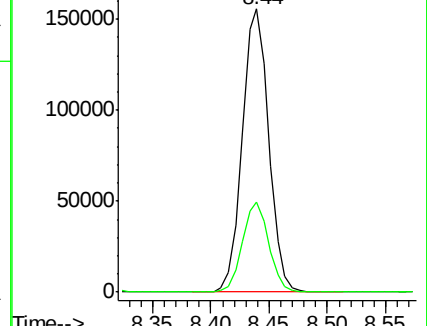
75 100

77 31.7 25.4 38.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 53.66 ug/l

RT: 9.04 min Scan# 1387

Delta R.T. -0.01 min

Lab File: VX002979.D

Acq: 28 Jun 2018 12:16

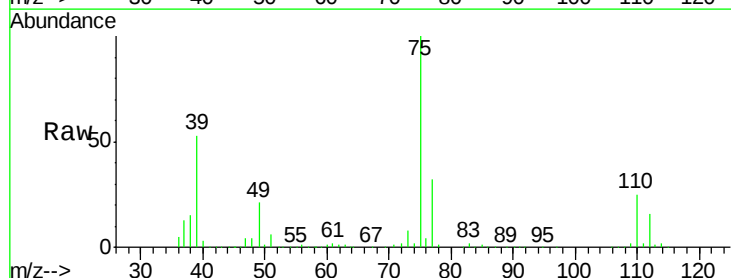
Tgt Ion: 75 Resp: 229695

Ion Ratio Lower Upper

75 100

77 31.6 24.8 37.2

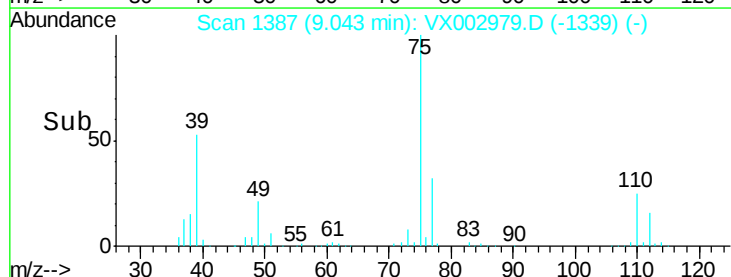
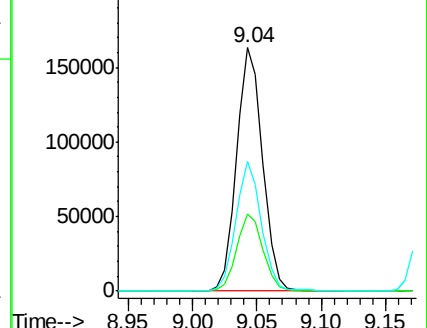
39 53.3 42.4 63.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

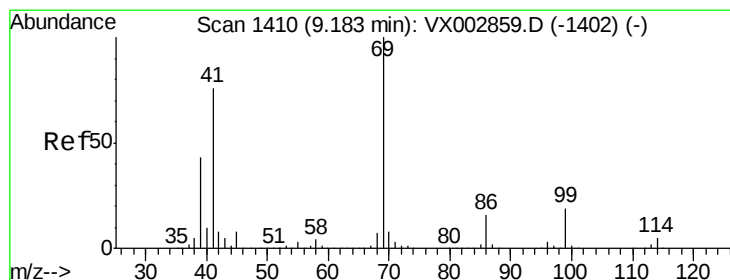
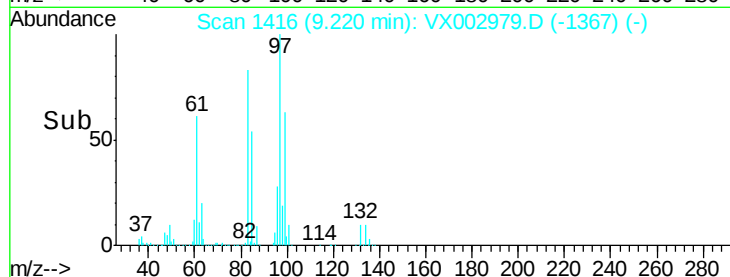
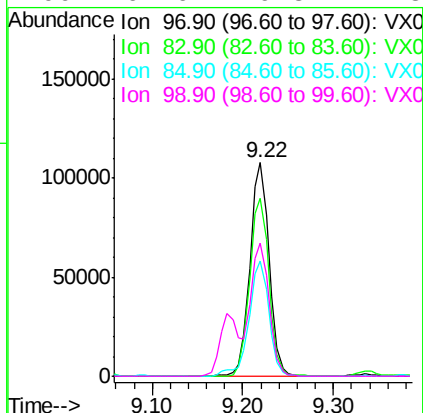
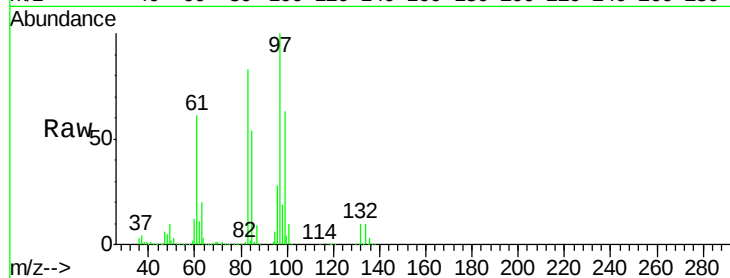




#55
 1,1,2-Trichloroethane
 Concen: 51.96 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: VX002979.D
 Acq: 28 Jun 2018 12:16

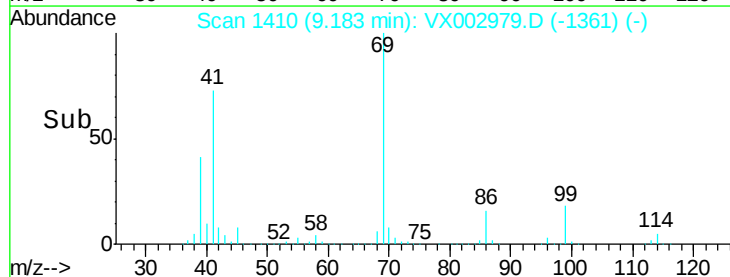
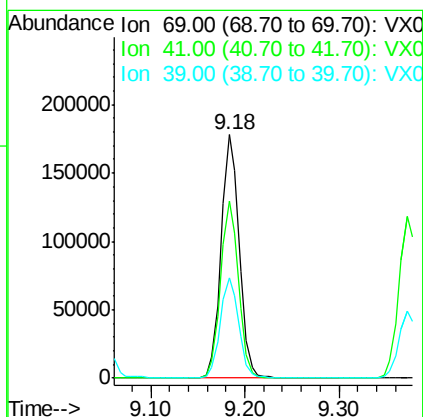
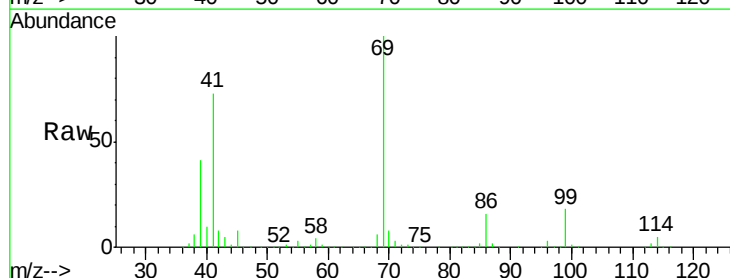
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

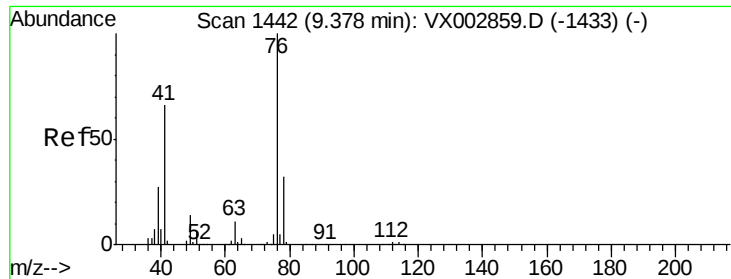
Tot Ion:	97	Resp:	157880
Ion	Ratio	Lower	Upper
97	100		
83	83.2	70.2	105.2
85	54.1	44.9	67.3
99	62.6	49.8	74.8



#56
 Ethyl methacrylate
 Concen: 53.39 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. -0.00 min
 Lab File: VX002979.D
 Acq: 28 Jun 2018 12:16

Tgt Ion:	69	Resp:	237083
Ion	Ratio	Lower	Upper
69	100		
41	72.4	60.3	90.5
39	41.9	35.8	53.8

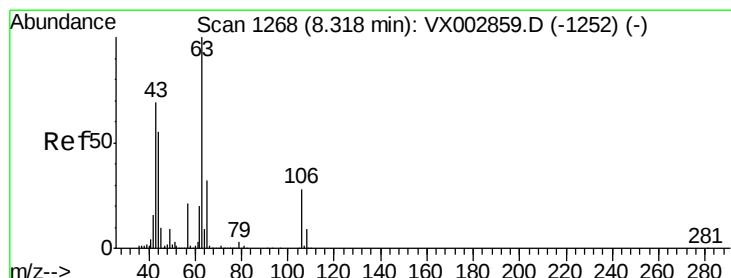
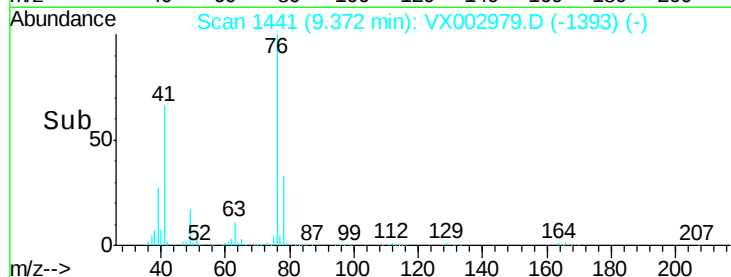
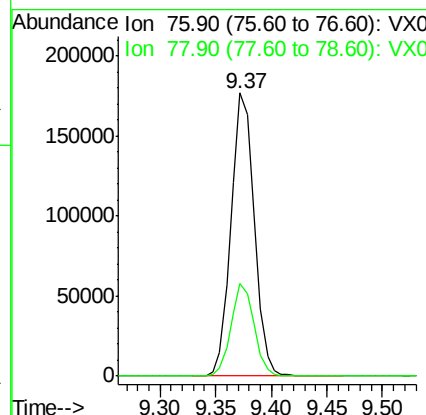
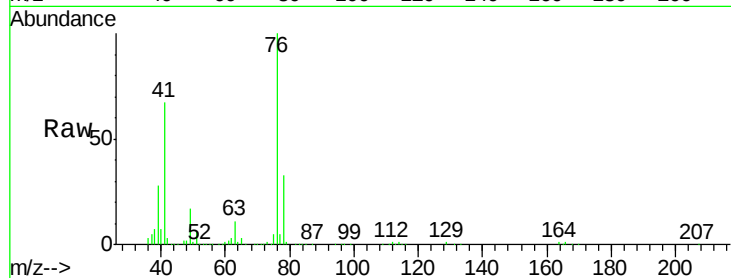




#57
 1,3-Dichloropropane
 Concen: 51.33 ug/l
 RT: 9.37 min Scan# 1441
 Delta R.T. -0.01 min
 Lab File: VX002979.D
 Acq: 28 Jun 2018 12:16

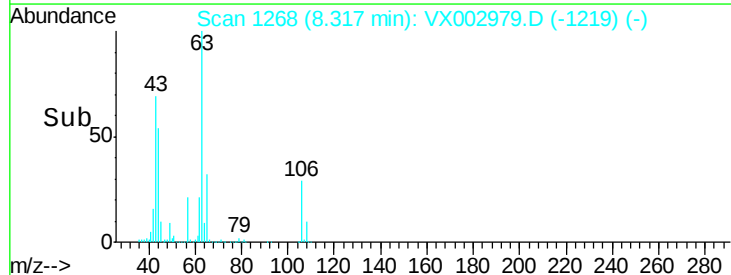
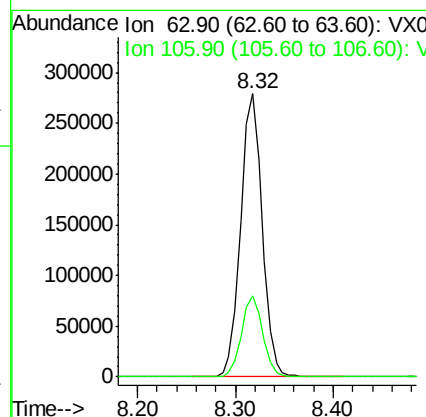
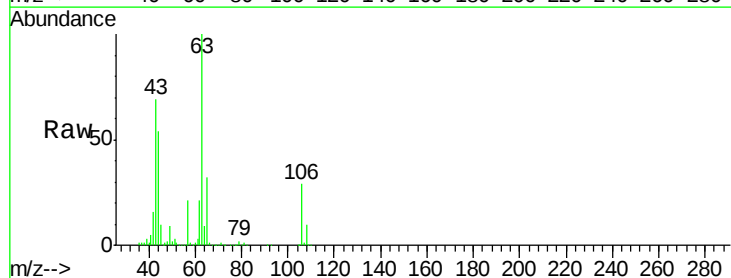
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

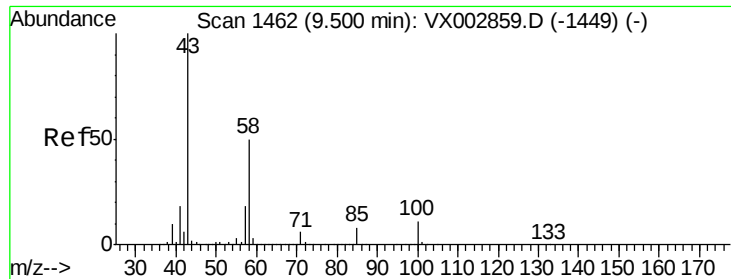
Tot Ion: 76 Resp: 256193
 Ion Ratio Lower Upper
 76 100
 78 32.3 25.8 38.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 198.91 ug/l
 RT: 8.32 min Scan# 1268
 Delta R.T. -0.00 min
 Lab File: VX002979.D
 Acq: 28 Jun 2018 12:16

Tgt Ion: 63 Resp: 426165
 Ion Ratio Lower Upper
 63 100
 106 28.4 21.8 32.8

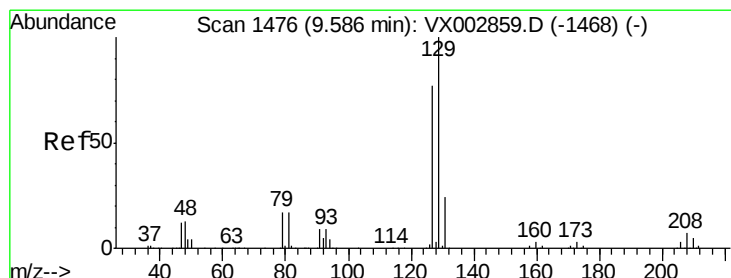
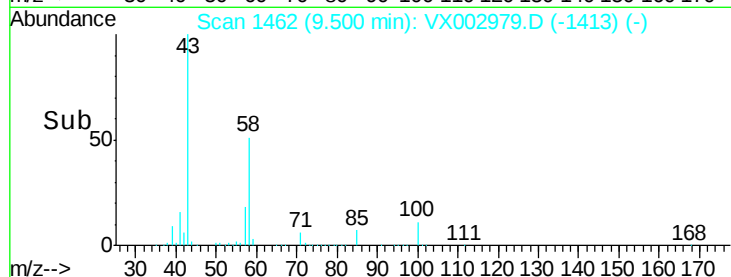
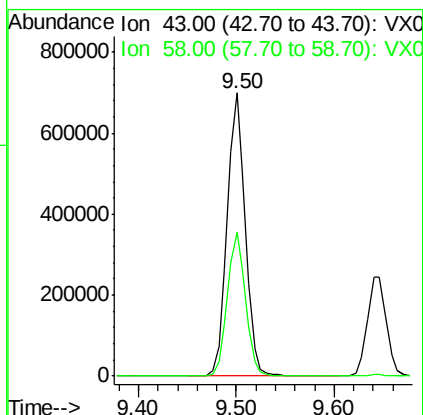
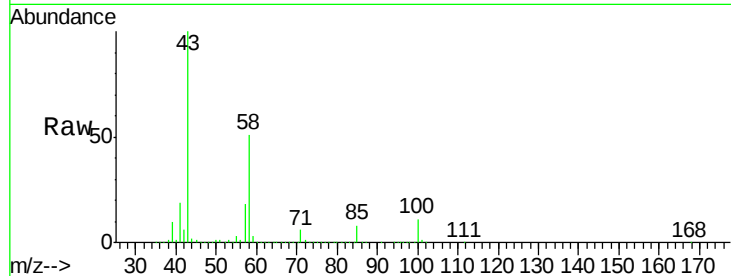




#59
2-Hexanone
Concen: 262.60 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. -0.00 min
Lab File: VX002979.D
Acq: 28 Jun 2018 12:16

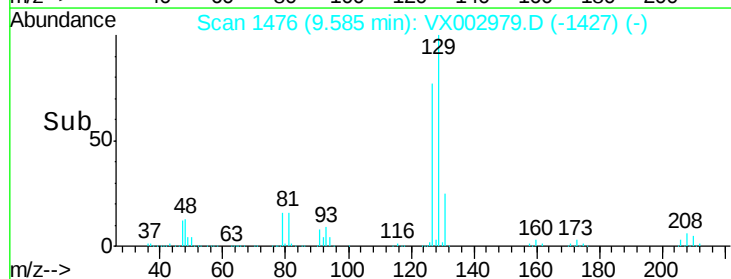
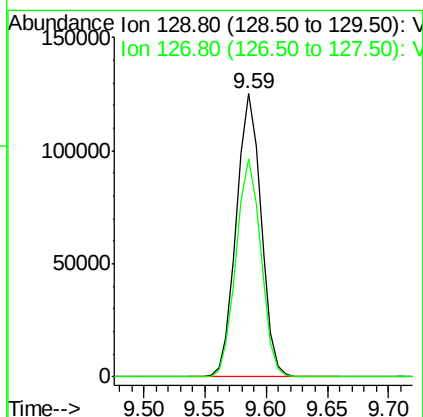
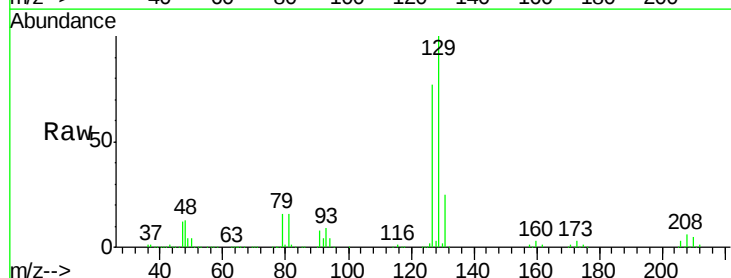
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

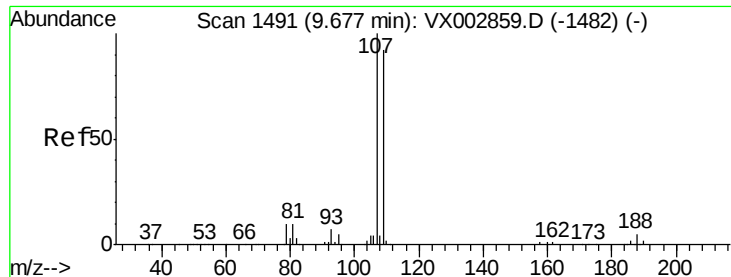
Tot Ion: 43 Resp: 895762
Ion Ratio Lower Upper
43 100
58 50.9 24.6 73.6



#60
Dibromochloromethane
Concen: 54.68 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. -0.00 min
Lab File: VX002979.D
Acq: 28 Jun 2018 12:16

Tgt Ion:129 Resp: 174902
Ion Ratio Lower Upper
129 100
127 77.3 38.5 115.3





#61

1,2-Dibromoethane

Concen: 52.43 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX002979.D

Acq: 28 Jun 2018 12:16

Instrument :

MSVOA_X

ClientSampleId :

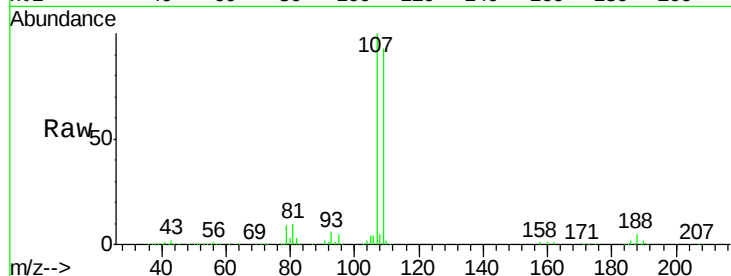
VSTDCCC050

Tot Ion:107 Resp: 167114

Ion Ratio Lower Upper

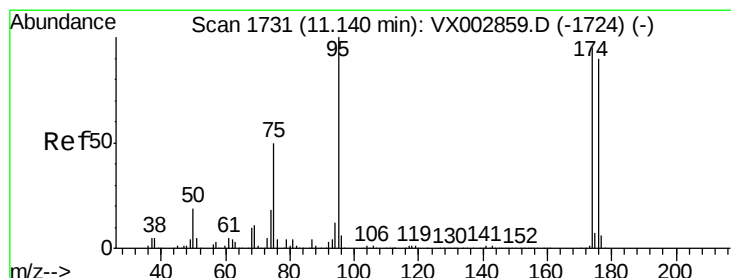
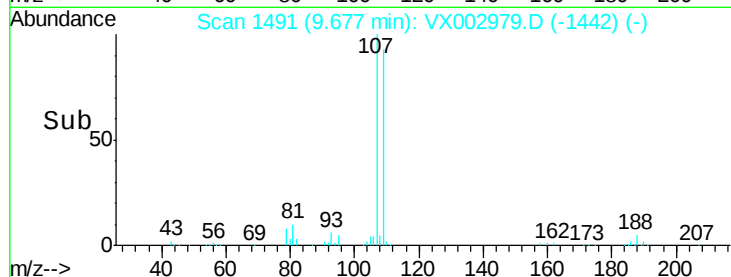
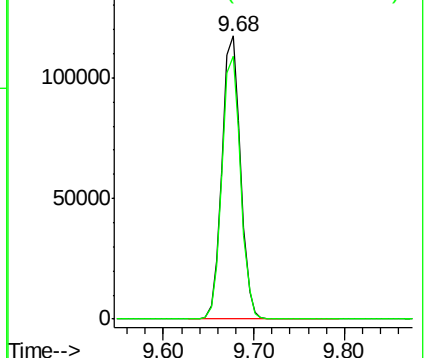
107 100

109 93.7 75.3 112.9



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 54.02 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX002979.D

Acq: 28 Jun 2018 12:16

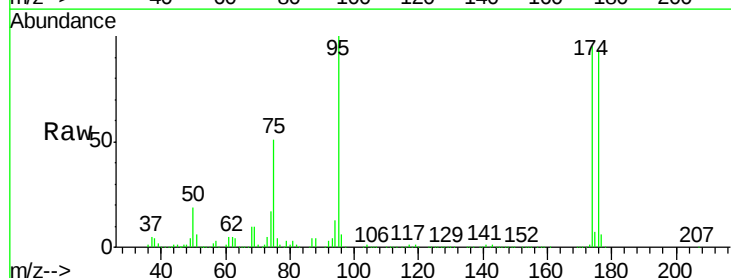
Tgt Ion: 95 Resp: 218267

Ion Ratio Lower Upper

95 100

174 96.5 0.0 187.4

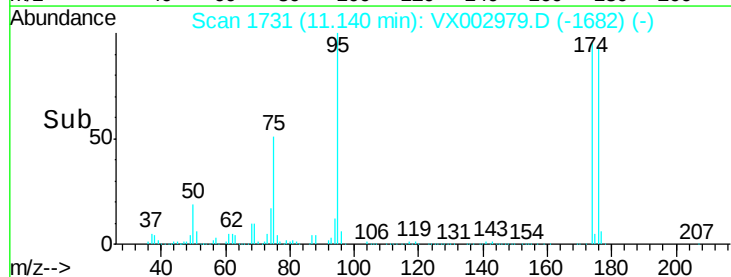
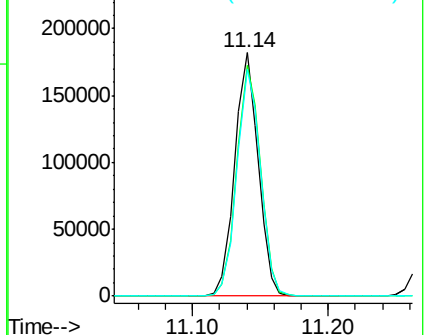
176 94.2 0.0 181.0

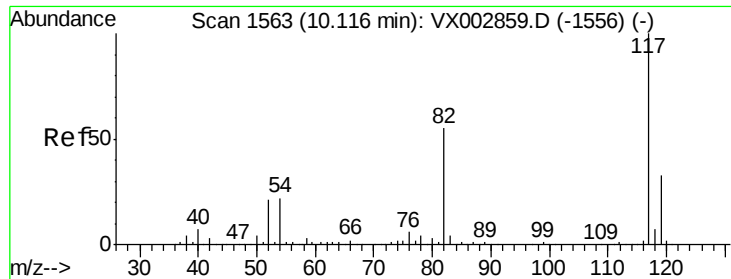


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

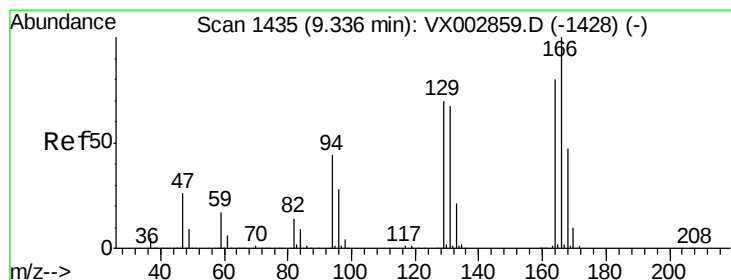
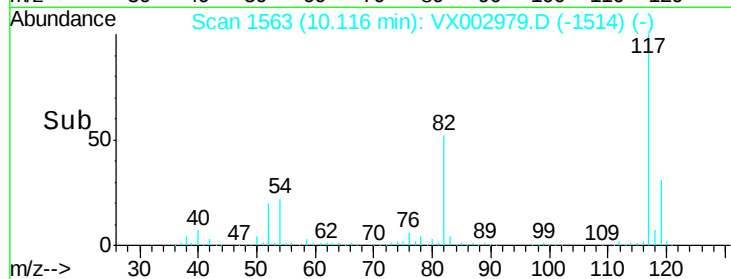
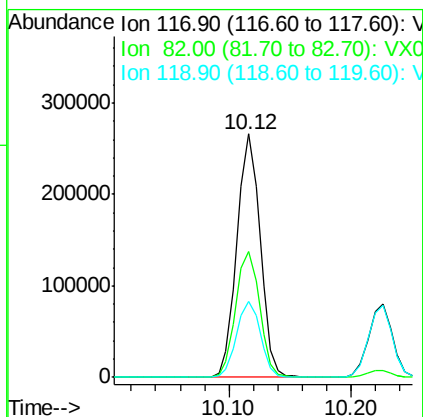
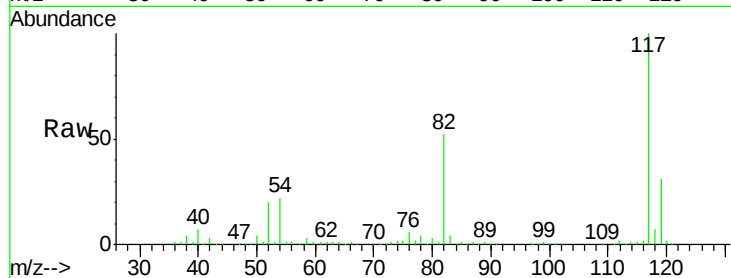




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX002979.D
Acq: 28 Jun 2018 12:16

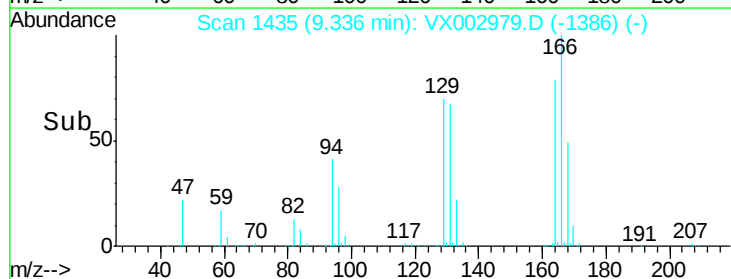
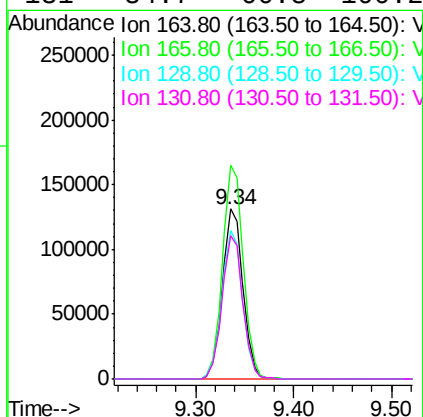
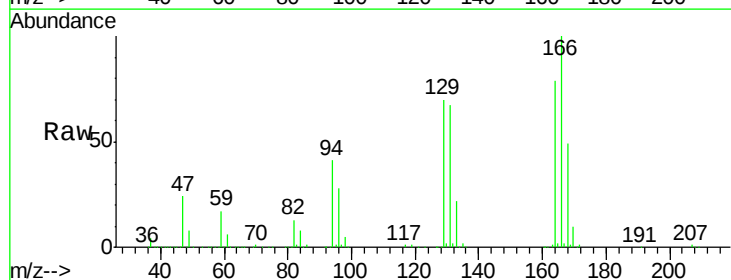
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:117 Resp: 350327
Ion Ratio Lower Upper
117 100
82 51.7 45.0 67.4
119 31.1 25.8 38.6



#64
Tetrachloroethene
Concen: 48.99 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. -0.00 min
Lab File: VX002979.D
Acq: 28 Jun 2018 12:16

Tgt Ion:164 Resp: 190829
Ion Ratio Lower Upper
164 100
166 125.8 102.9 154.3
129 87.9 68.6 102.8
131 84.7 66.8 100.2

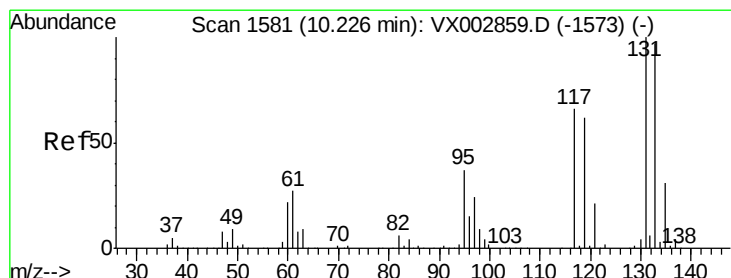
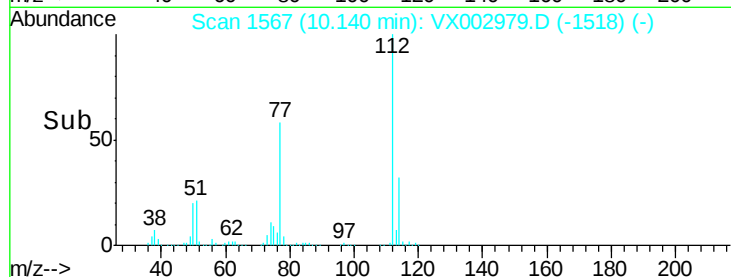
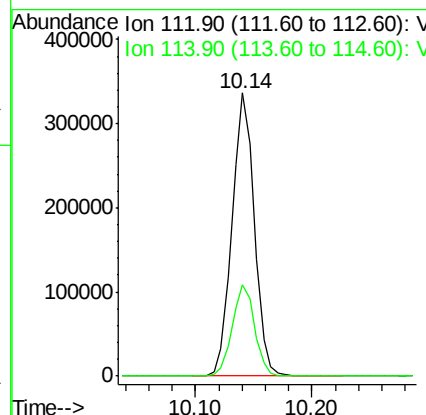
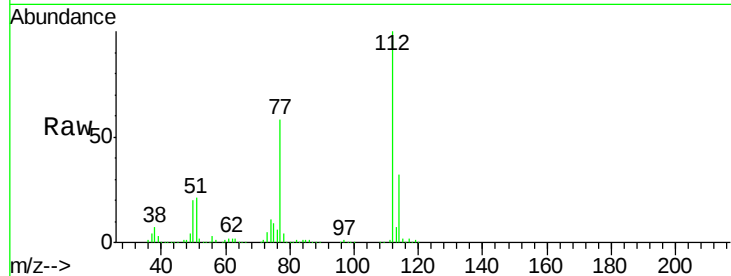




#65
Chlorobenzene
Concen: 50.25 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VX002979.D
Acq: 28 Jun 2018 12:16

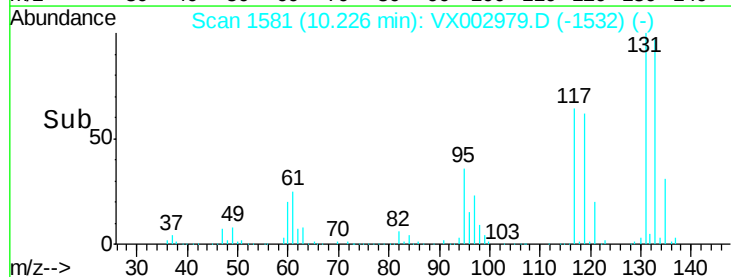
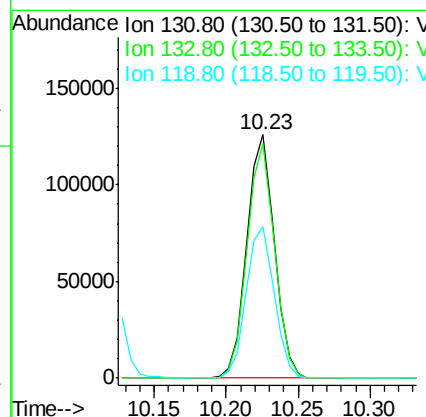
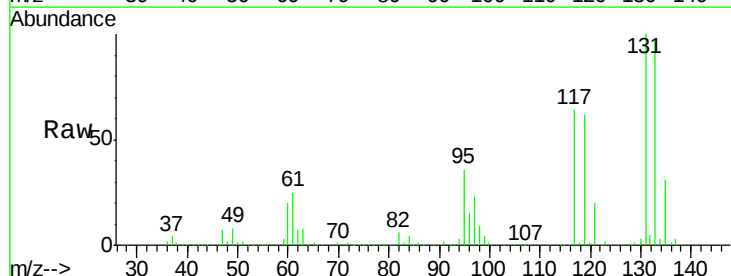
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

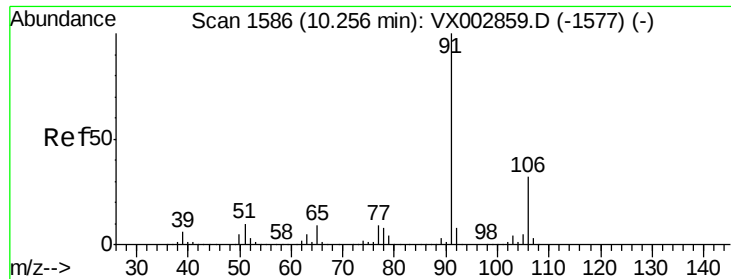
Tot Ion:112 Resp: 447129
Ion Ratio Lower Upper
112 100
114 32.2 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 51.58 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. -0.00 min
Lab File: VX002979.D
Acq: 28 Jun 2018 12:16

Tgt Ion:131 Resp: 166725
Ion Ratio Lower Upper
131 100
133 95.9 47.9 143.6
119 63.5 31.8 95.3

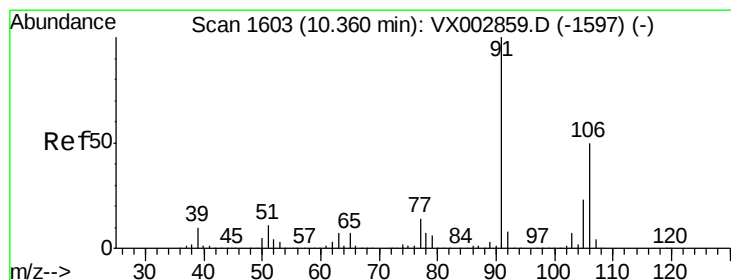
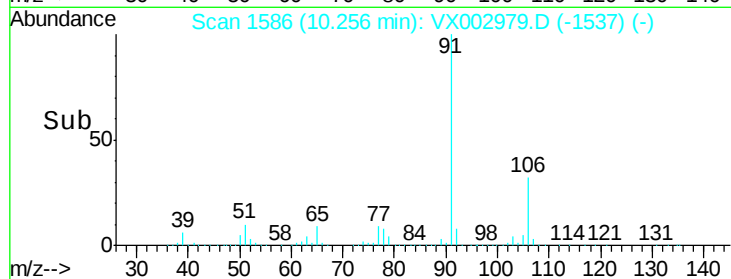
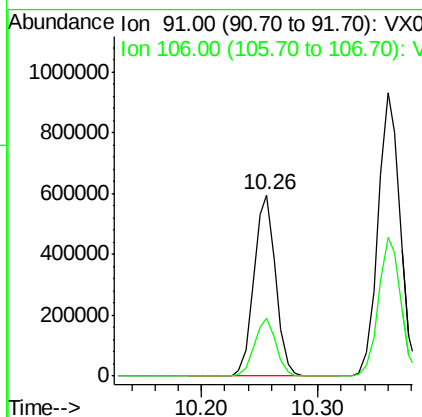
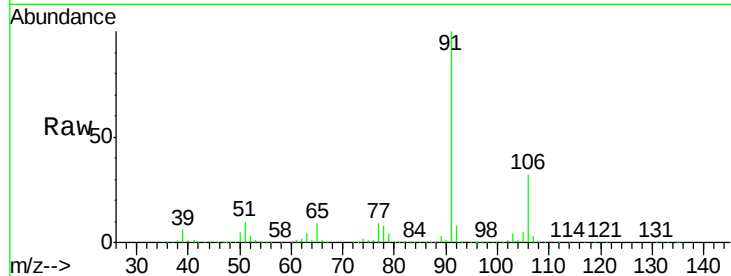




#67
Ethyl Benzene
Concen: 52.59 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.00 min
Lab File: VX002979.D
Acq: 28 Jun 2018 12:16

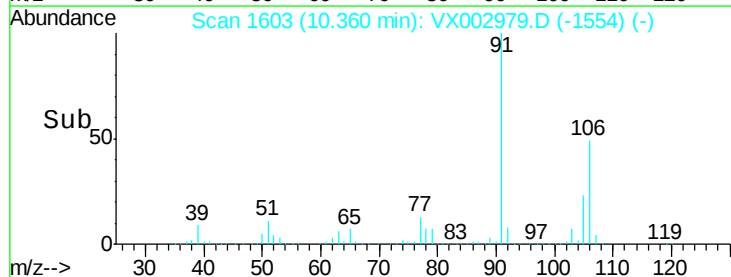
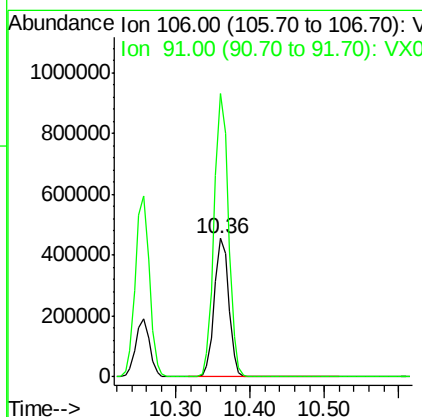
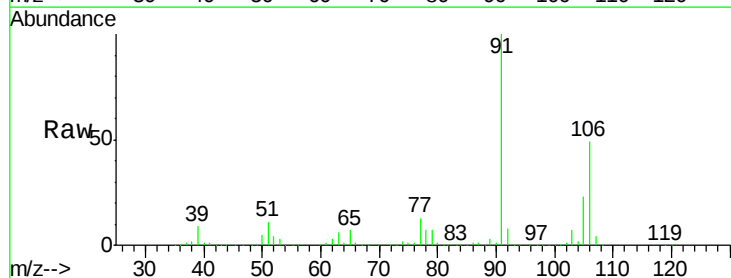
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 772988
Ion Ratio Lower Upper
91 100
106 32.0 25.5 38.3



#68
m/p-Xylenes
Concen: 106.86 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. -0.00 min
Lab File: VX002979.D
Acq: 28 Jun 2018 12:16

Tgt Ion: 106 Resp: 605358
Ion Ratio Lower Upper
106 100
91 202.8 163.4 245.2

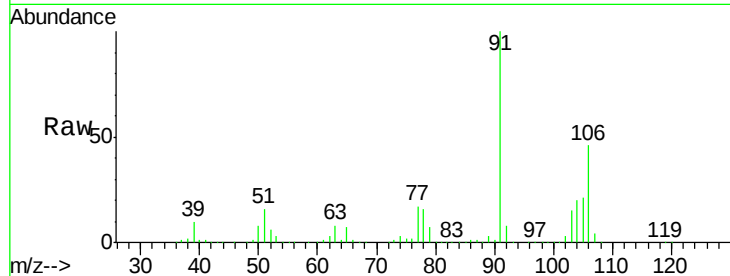




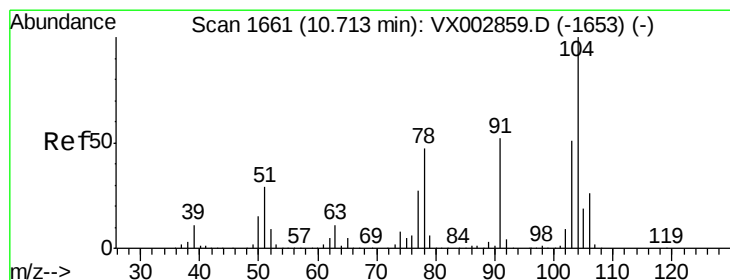
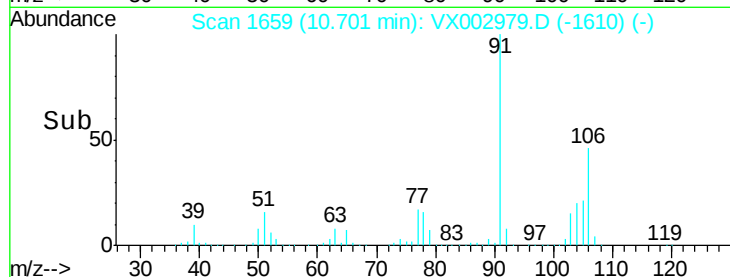
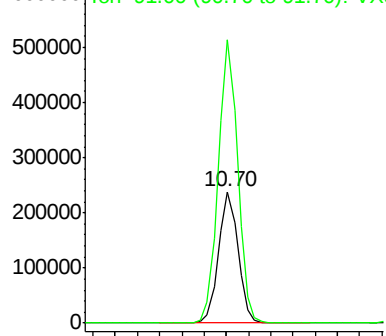
#69
o-Xylene
Concen: 52.42 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX002979.D
Acq: 28 Jun 2018 12:16

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion:106 Resp: 289143
Ion Ratio Lower Upper
106 100
91 215.2 108.2 324.6

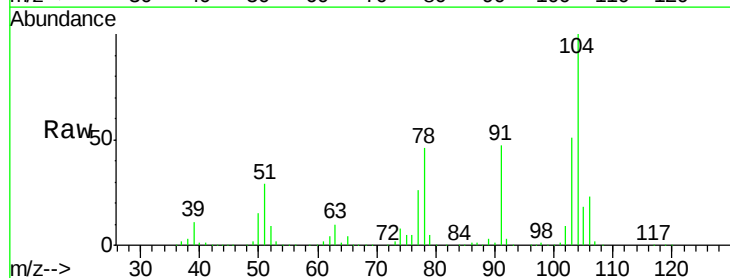


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

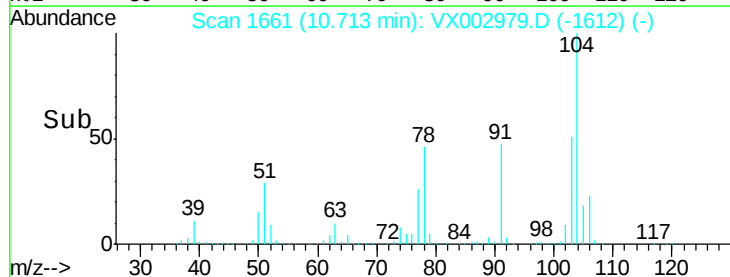
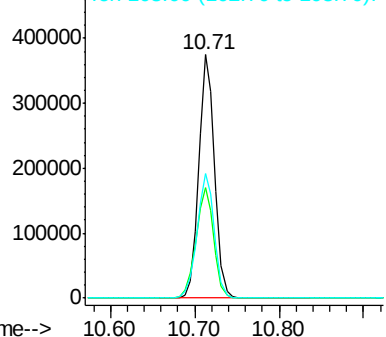


#70
Styrene
Concen: 53.79 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX002979.D
Acq: 28 Jun 2018 12:16

Tgt Ion:104 Resp: 482135
Ion Ratio Lower Upper
104 100
78 51.0 41.0 61.6
103 56.0 44.2 66.4



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

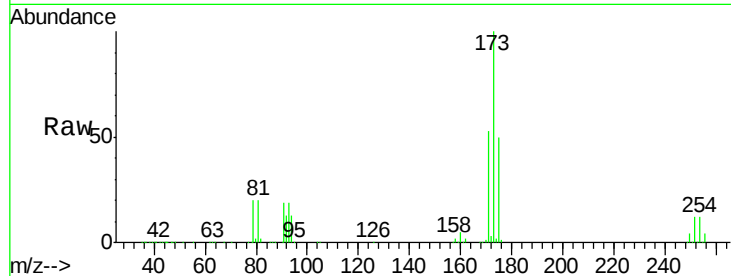




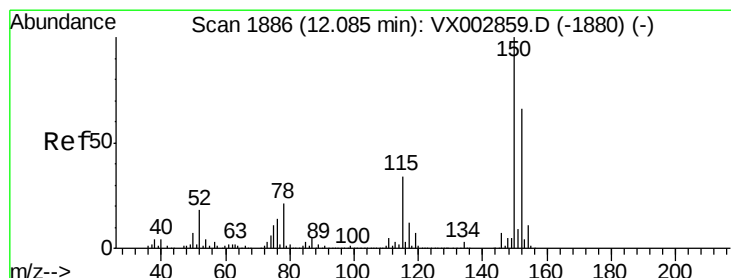
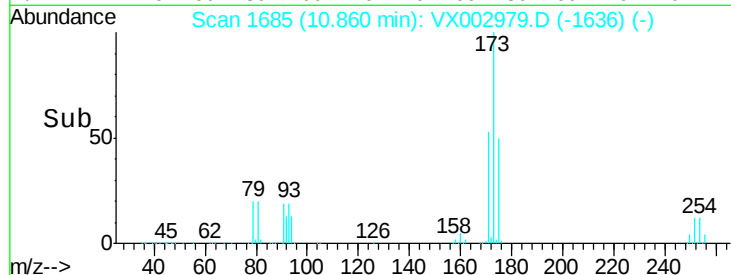
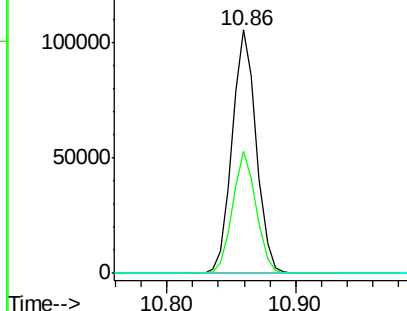
#71
Bromoform
Concen: 47.35 ug/l
RT: 10.86 min Scan# 1685
Delta R.T. 0.00 min
Lab File: VX002979.D
Acq: 28 Jun 2018 12:16

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion:173 Resp: 137625
Ion Ratio Lower Upper
173 100
175 49.1 24.7 74.1
254 0.2 0.2 0.2

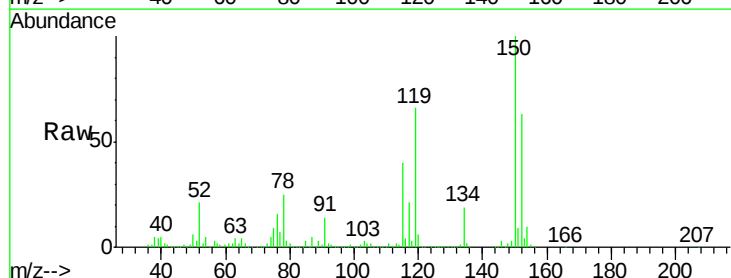


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

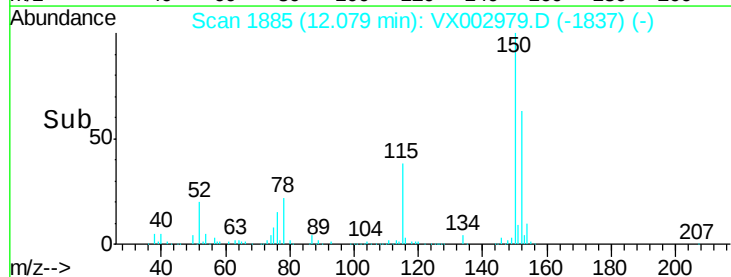
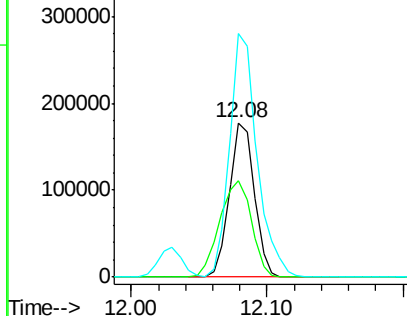


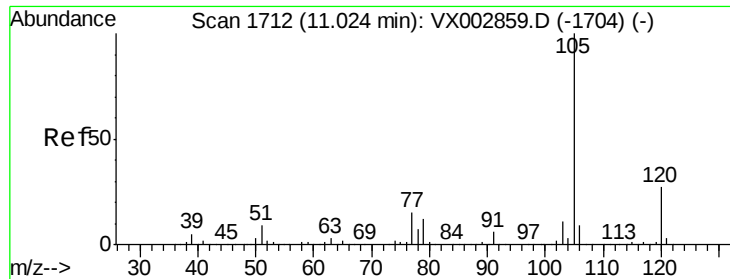
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1885
Delta R.T. -0.01 min
Lab File: VX002979.D
Acq: 28 Jun 2018 12:16

Tgt Ion:152 Resp: 226035
Ion Ratio Lower Upper
152 100
115 80.0 40.1 120.2
150 174.5 0.0 347.2



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





#73

Isopropylbenzene

Concen: 52.55 ug/l

RT: 11.02 min Scan# 1711

Delta R.T. -0.01 min

Lab File: VX002979.D

Acq: 28 Jun 2018 12:16

Instrument :

MSVOA_X

ClientSampleId :

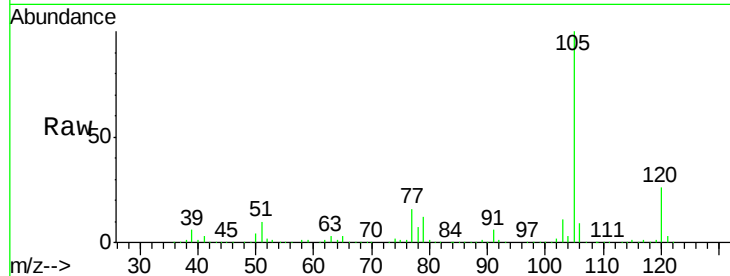
VSTDCCC050

Tot Ion:105 Resp: 799084

Ion Ratio Lower Upper

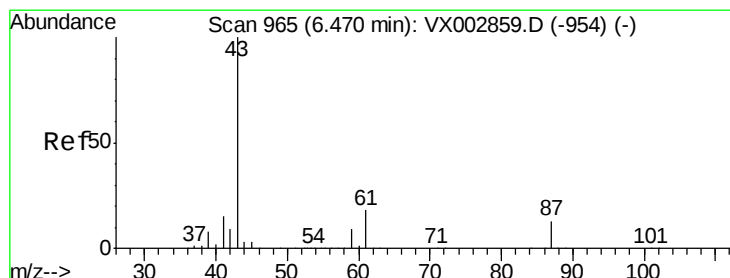
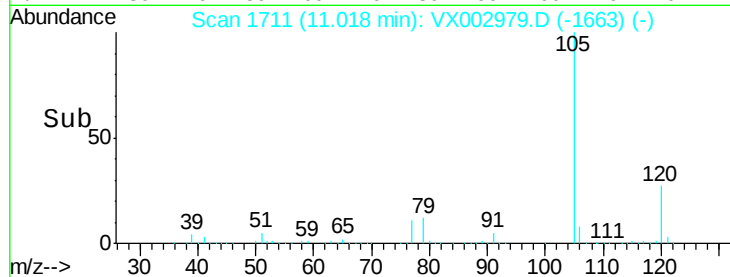
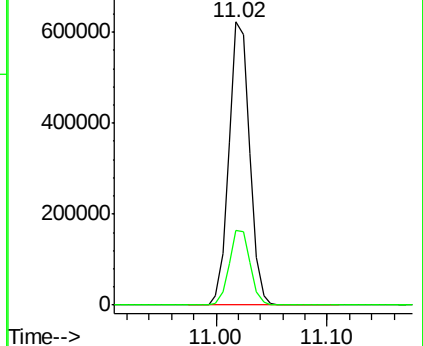
105 100

120 26.8 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 48.63 ug/l

RT: 6.46 min Scan# 964

Delta R.T. -0.01 min

Lab File: VX002979.D

Acq: 28 Jun 2018 12:16

Tgt Ion: 43 Resp: 361808

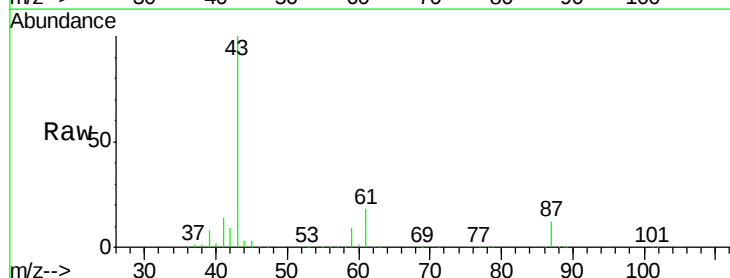
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.0 0.0 0.0#

61 18.4 14.4 21.6

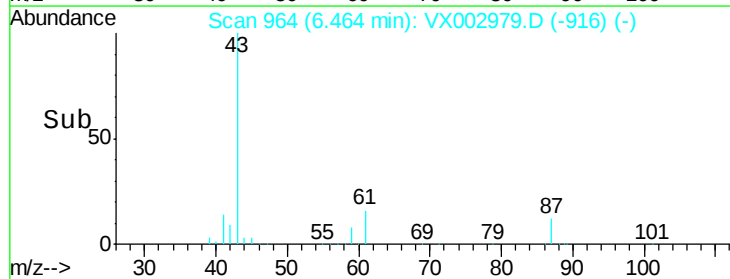
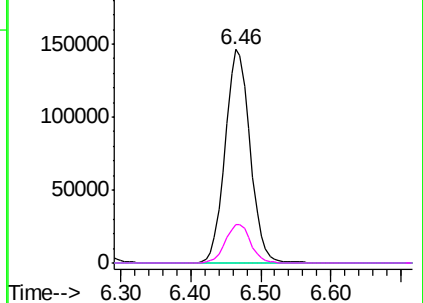


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 50.92 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX002979.D

Acq: 28 Jun 2018 12:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

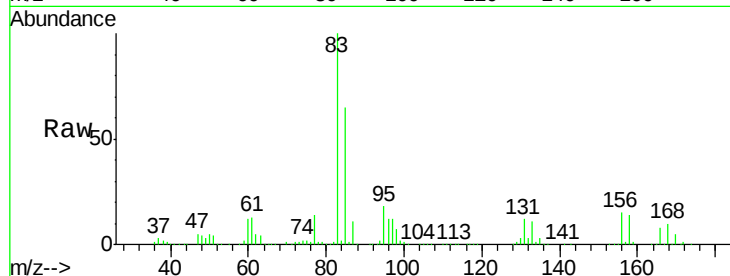
Tot Ion: 83 Resp: 238535

Ion Ratio Lower Upper

83 100

131 11.4 5.6 16.8

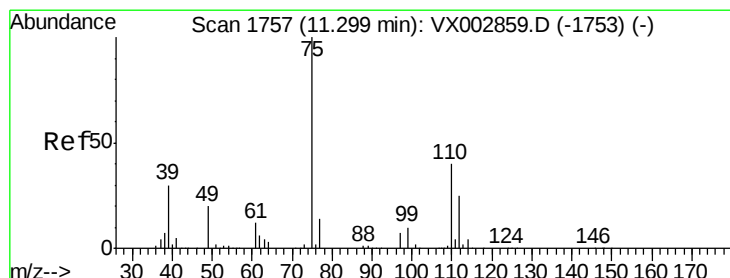
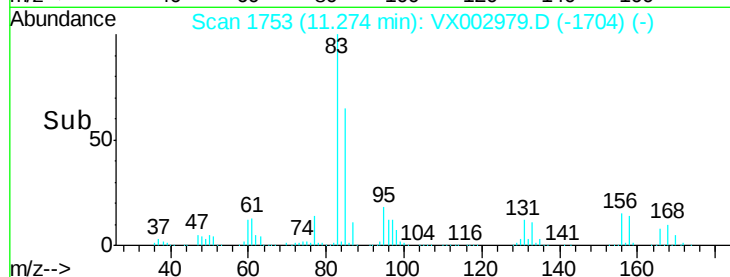
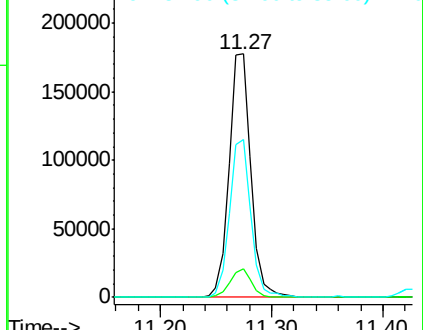
85 64.2 32.4 97.2



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 65.48 ug/l

RT: 11.30 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VX002979.D

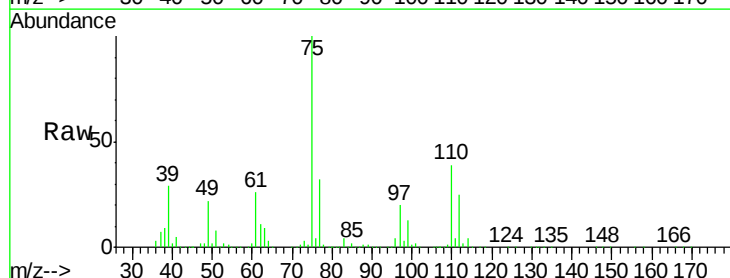
Acq: 28 Jun 2018 12:16

Tgt Ion: 75 Resp: 268079

Ion Ratio Lower Upper

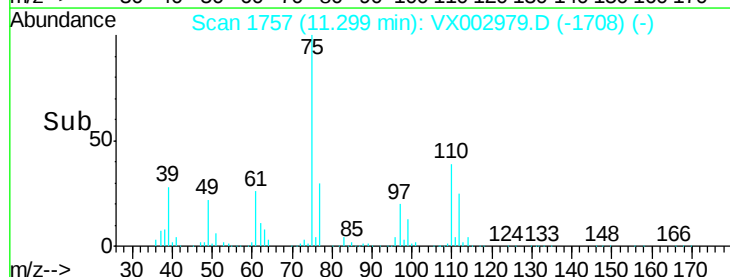
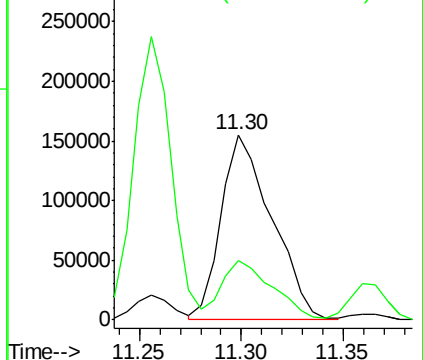
75 100

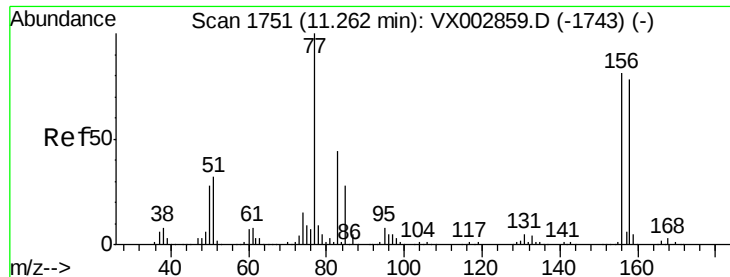
77 32.2 22.8 68.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 50.24 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. -0.01 min

Lab File: VX002979.D

Acq: 28 Jun 2018 12:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

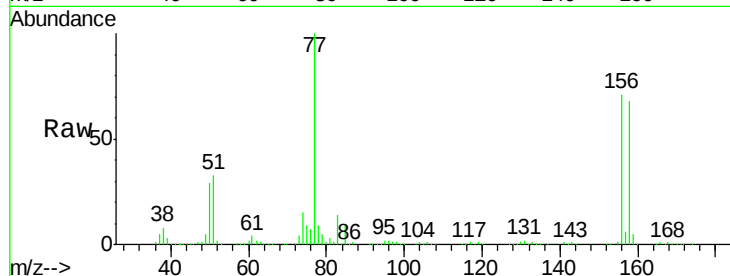
Tot Ion:156 Resp: 217576

Ion Ratio Lower Upper

156 100

77 139.0 71.4 214.2

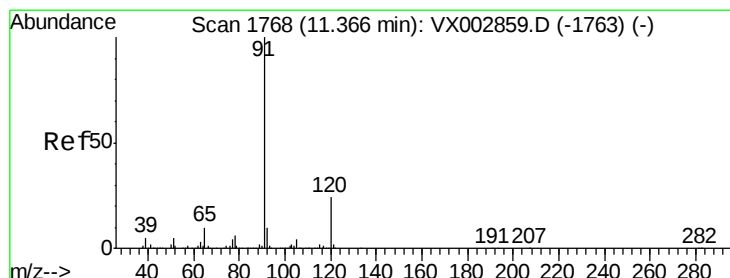
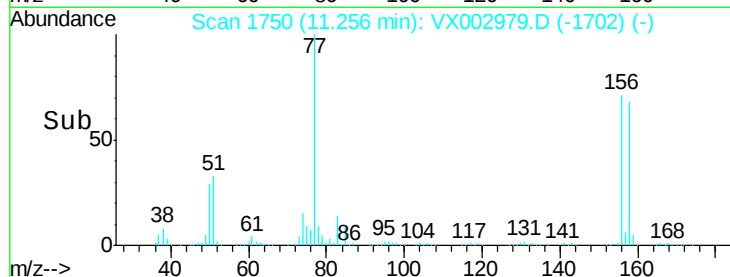
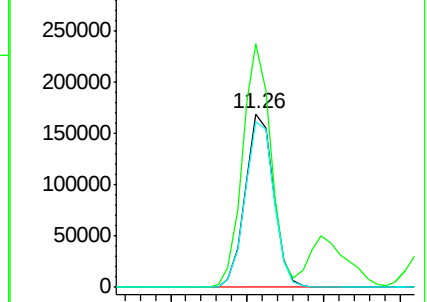
158 97.4 48.9 146.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 53.48 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX002979.D

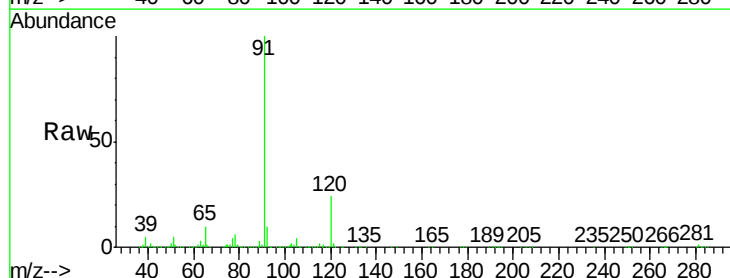
Acq: 28 Jun 2018 12:16

Tgt Ion: 91 Resp: 925681

Ion Ratio Lower Upper

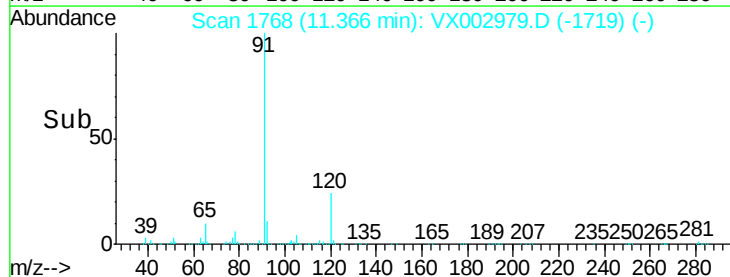
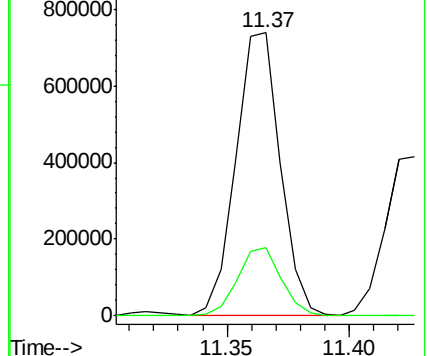
91 100

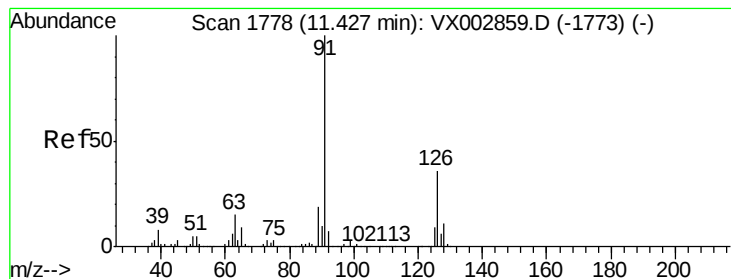
120 23.9 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 51.15 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX002979.D

Acq: 28 Jun 2018 12:16

Instrument :

MSVOA_X

ClientSampleId :

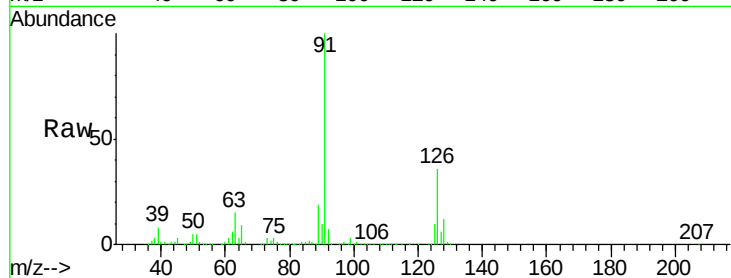
VSTDCCC050

Tot Ion: 91 Resp: 535962

Ion Ratio Lower Upper

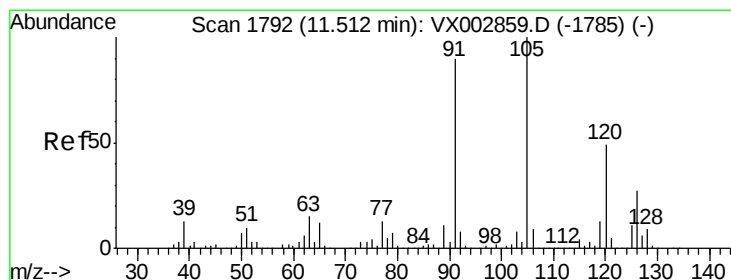
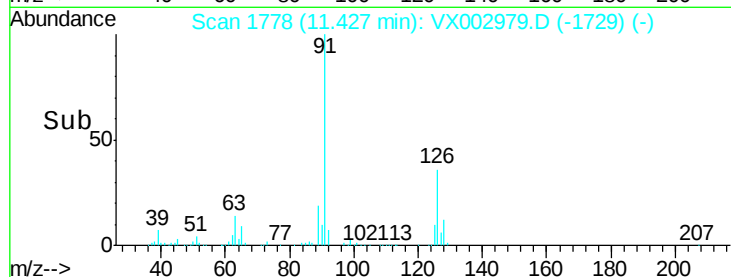
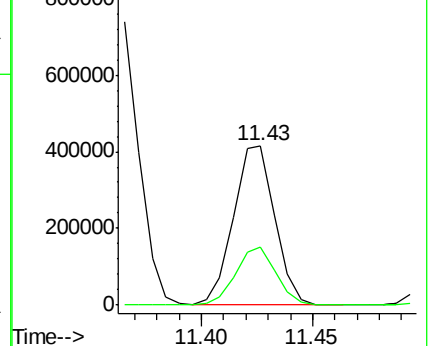
91 100

126 35.6 17.7 53.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 53.30 ug/l

RT: 11.51 min Scan# 1791

Delta R.T. -0.01 min

Lab File: VX002979.D

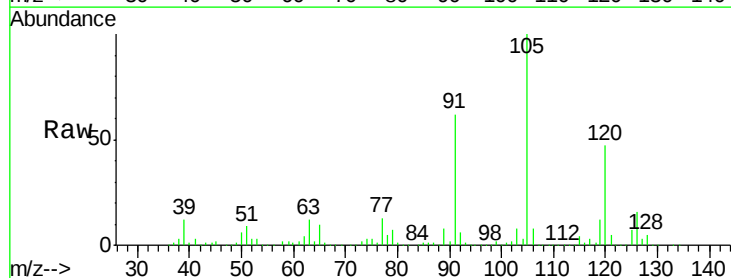
Acq: 28 Jun 2018 12:16

Tgt Ion: 105 Resp: 682649

Ion Ratio Lower Upper

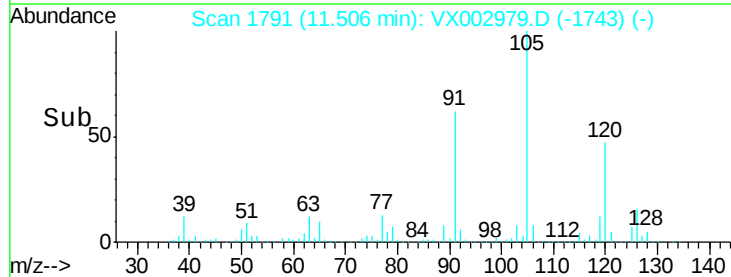
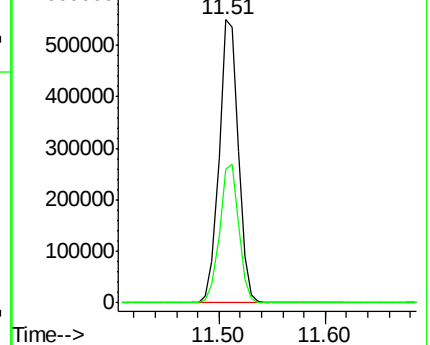
105 100

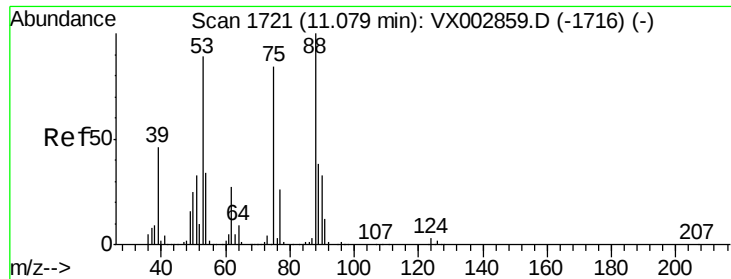
120 48.9 24.4 73.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 45.91 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. 0.00 min

Lab File: VX002979.D

Acq: 28 Jun 2018 12:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

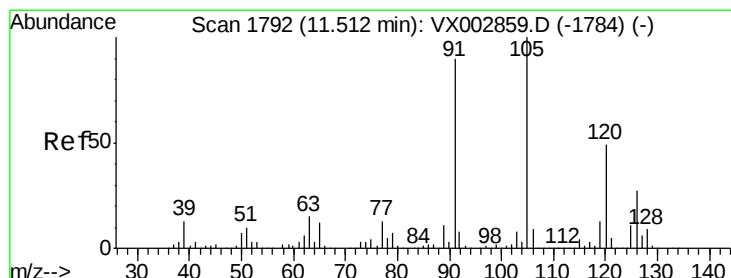
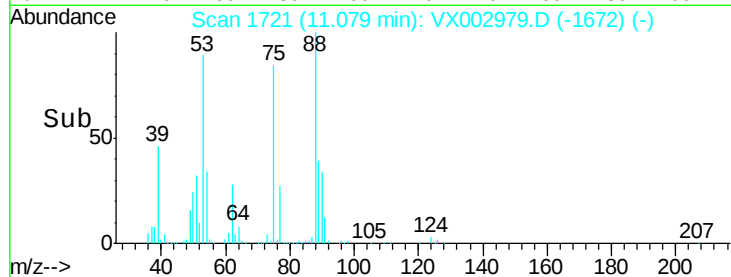
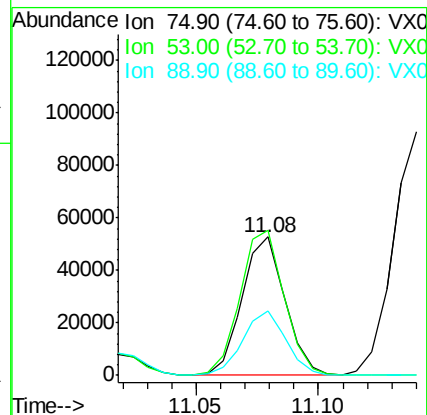
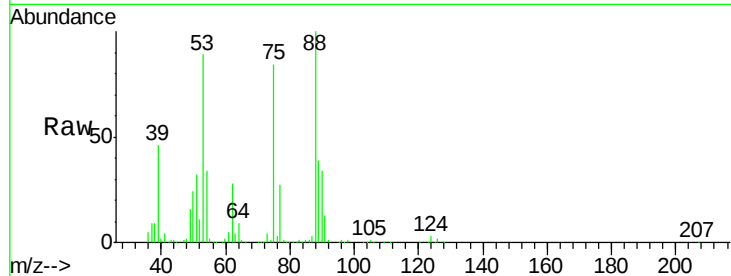
Tot Ion: 75 Resp: 64365

Ion Ratio Lower Upper

75 100

53 107.4 86.8 130.2

89 47.1 38.2 57.2



#82

4-Chlorotoluene

Concen: 51.66 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX002979.D

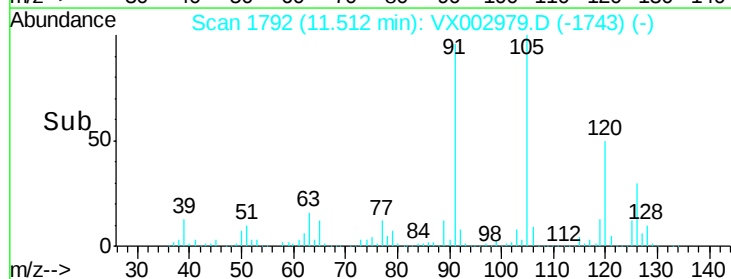
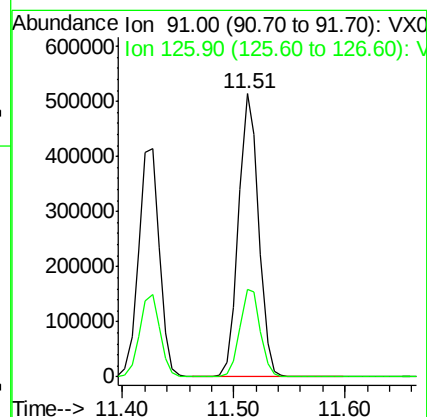
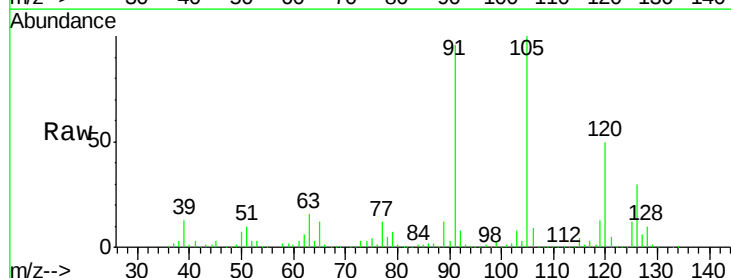
Acq: 28 Jun 2018 12:16

Tgt Ion: 91 Resp: 640861

Ion Ratio Lower Upper

91 100

126 31.6 15.4 46.4

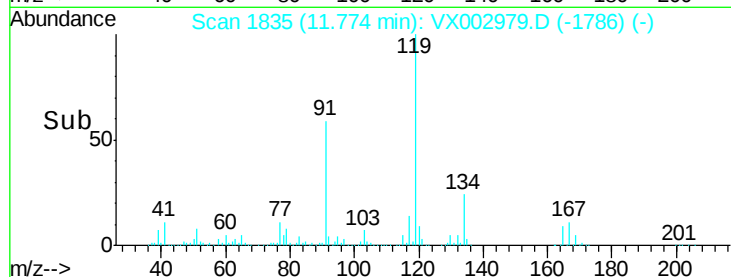
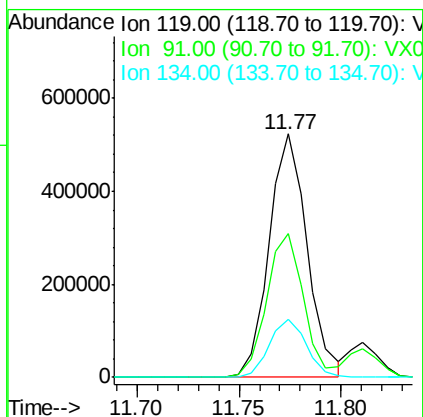
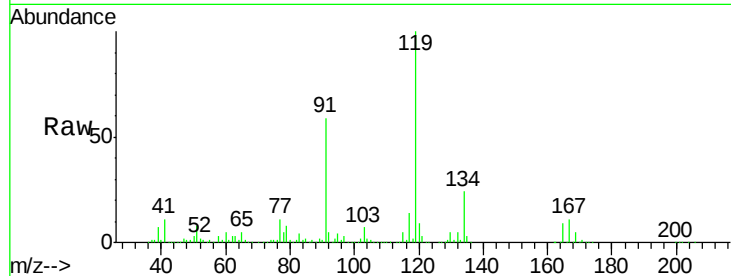




#83
 tert-Butylbenzene
 Concen: 53.88 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: VX002979.D
 Acq: 28 Jun 2018 12:16

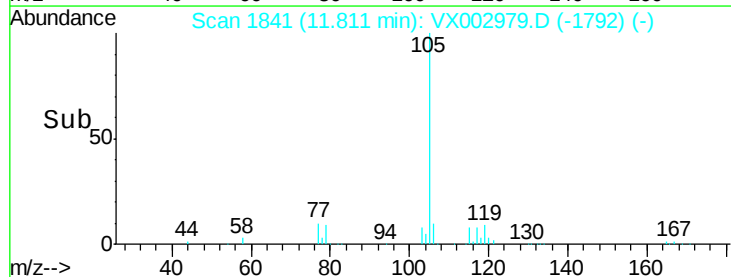
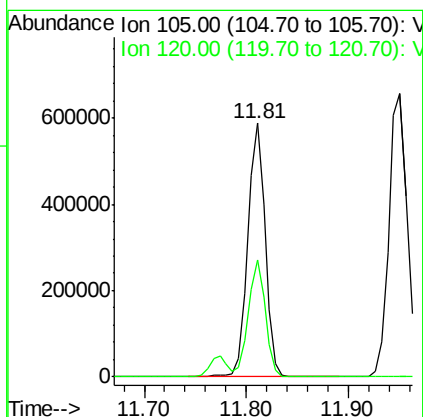
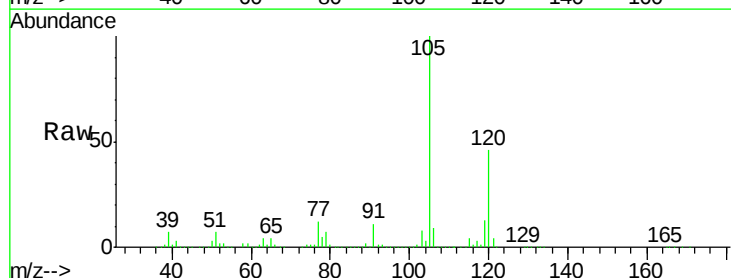
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

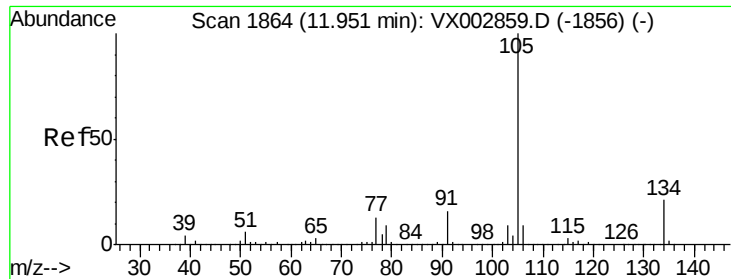
Tot Ion:119 Resp: 680013
 Ion Ratio Lower Upper
 119 100
 91 56.3 30.3 90.9
 134 23.3 11.7 35.1



#84
 1,2,4-Trimethylbenzene
 Concen: 52.53 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: VX002979.D
 Acq: 28 Jun 2018 12:16

Tgt Ion:105 Resp: 697092
 Ion Ratio Lower Upper
 105 100
 120 45.4 22.3 66.8





#85

sec-Butylbenzene

Concen: 53.59 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VX002979.D

Acq: 28 Jun 2018 12:16

Instrument :

MSVOA_X

ClientSampleId :

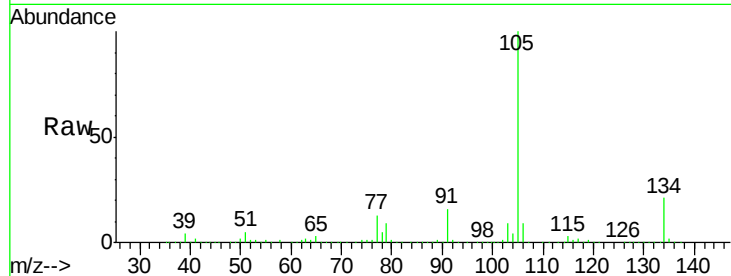
VSTDCCC050

Tot Ion:105 Resp: 820598

Ion Ratio Lower Upper

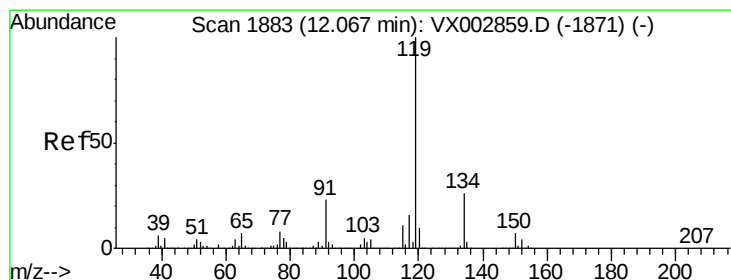
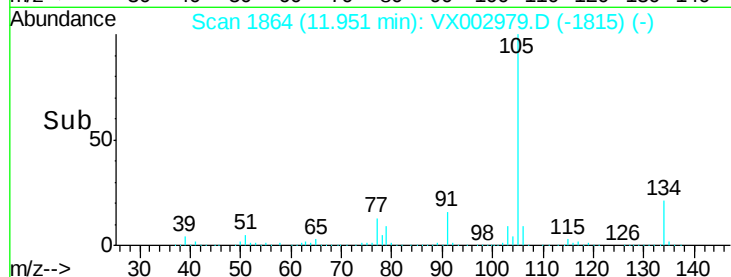
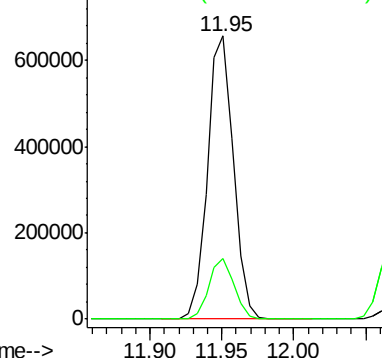
105 100

134 20.9 10.4 31.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 54.57 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VX002979.D

Acq: 28 Jun 2018 12:16

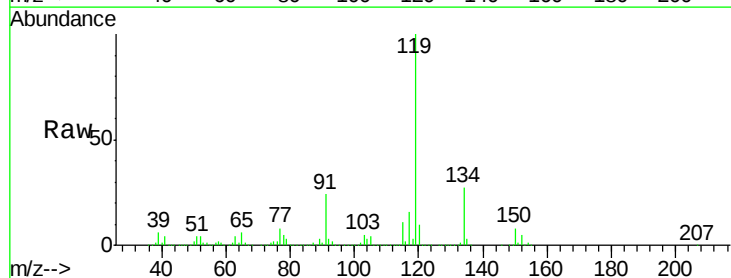
Tgt Ion:119 Resp: 751297

Ion Ratio Lower Upper

119 100

134 26.7 13.4 40.1

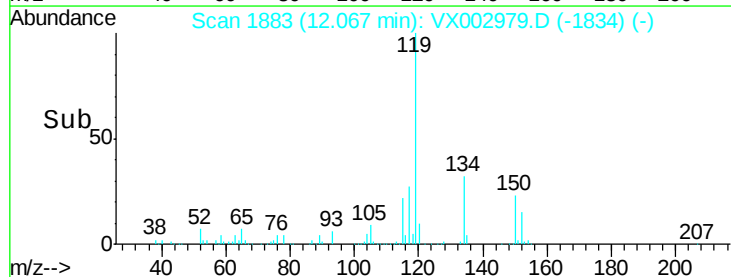
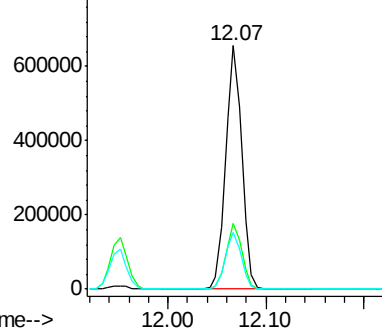
91 23.4 11.9 35.7

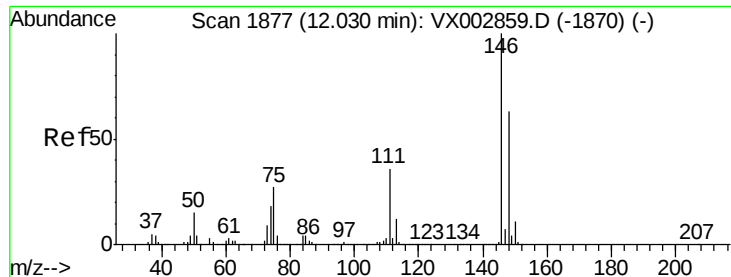


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 51.10 ug/l

RT: 12.03 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VX002979.D

Acq: 28 Jun 2018 12:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

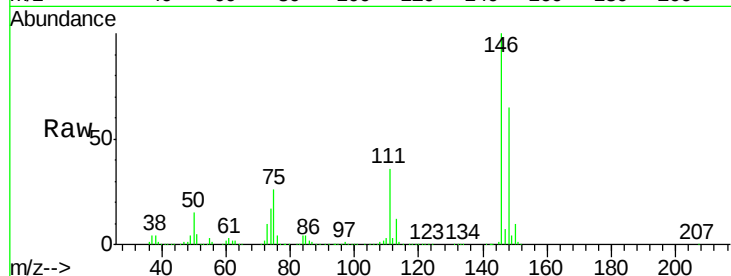
Tot Ion:146 Resp: 404107

Ion Ratio Lower Upper

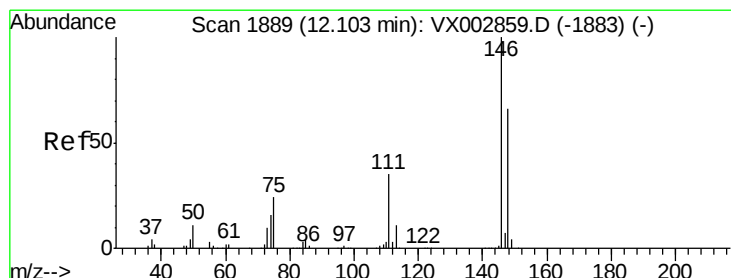
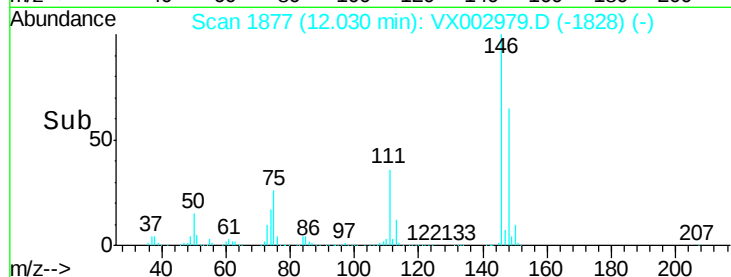
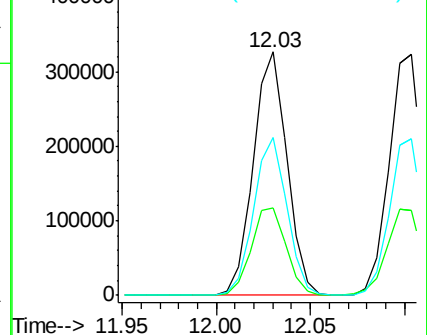
146 100

111 37.4 18.9 56.7

148 64.1 32.1 96.3



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



#88

1,4-Dichlorobenzene

Concen: 50.20 ug/l

RT: 12.10 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VX002979.D

Acq: 28 Jun 2018 12:16

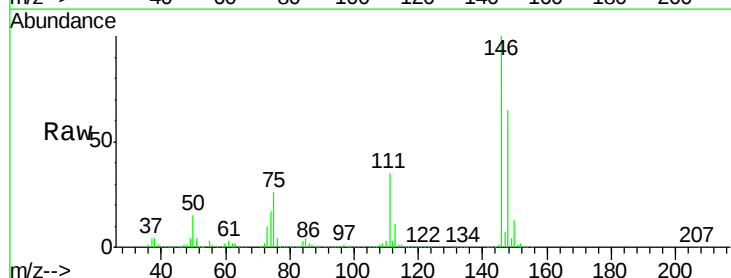
Tgt Ion:146 Resp: 408598

Ion Ratio Lower Upper

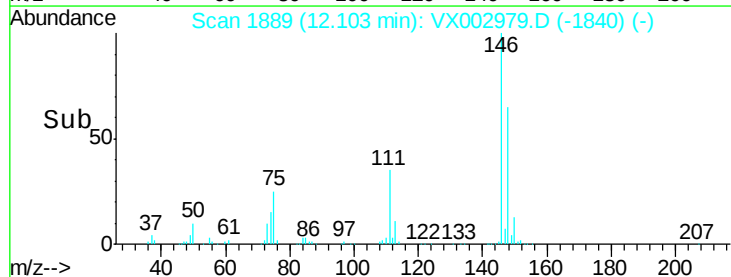
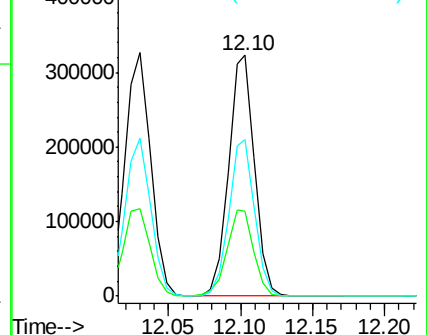
146 100

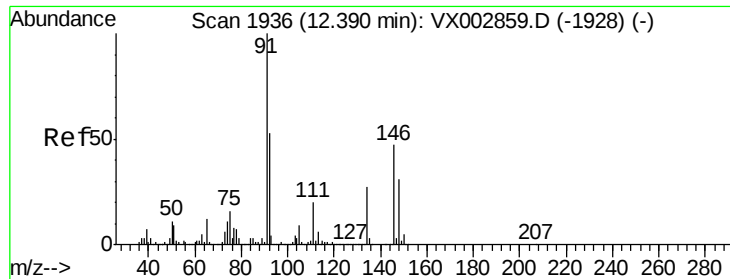
111 36.9 18.7 56.1

148 64.6 32.4 97.0



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

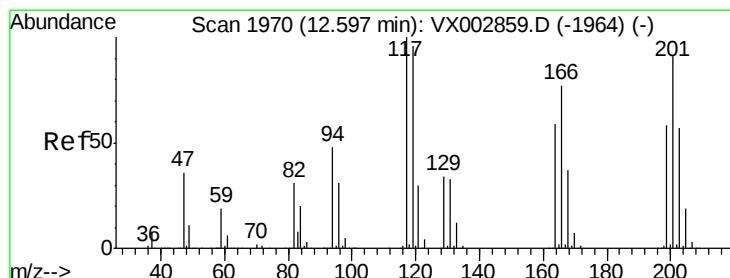
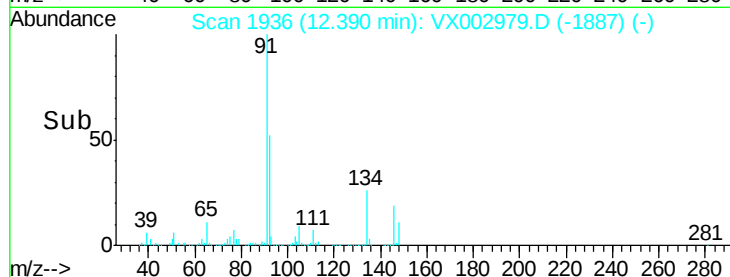
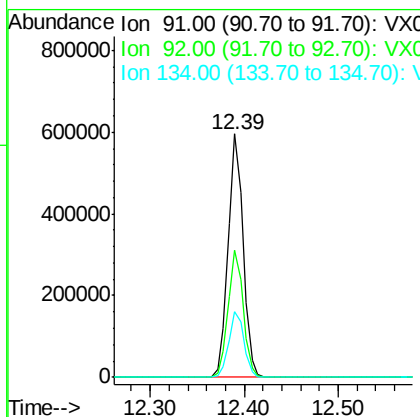
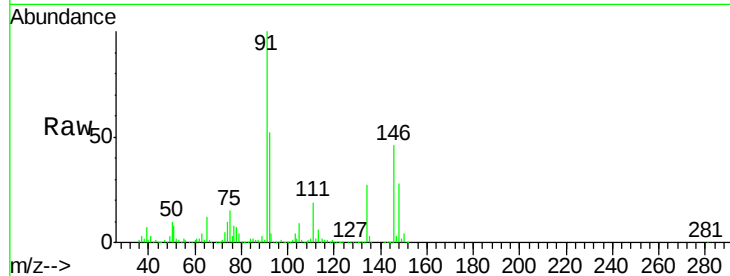




#89
n-Butylbenzene
Concen: 54.94 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. -0.00 min
Lab File: VX002979.D
Acq: 28 Jun 2018 12:16

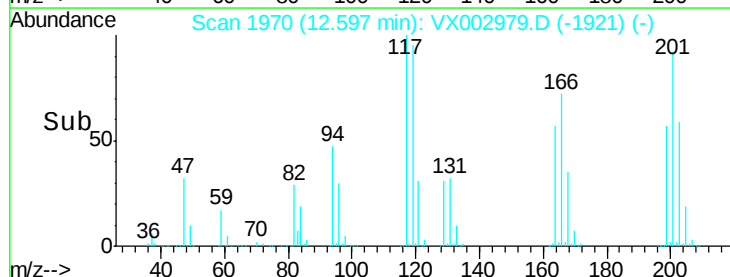
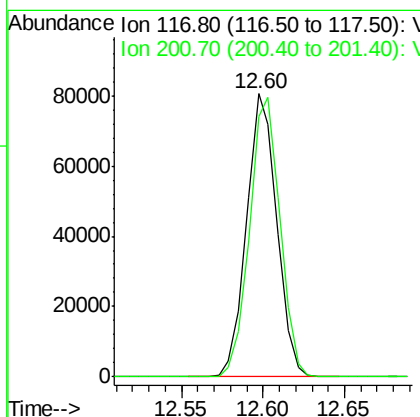
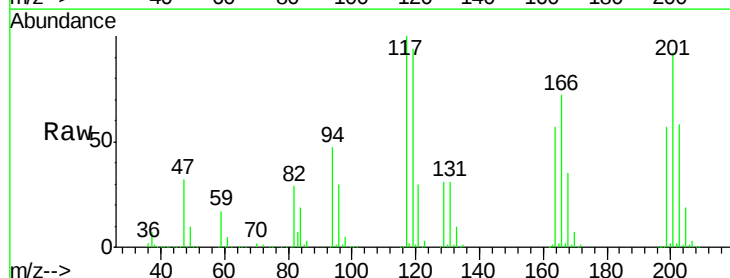
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

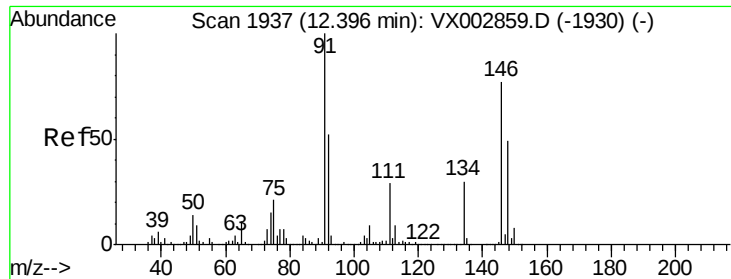
Tot Ion: 91 Resp: 658276
Ion Ratio Lower Upper
91 100
92 52.5 26.0 78.0
134 27.3 13.5 40.5



#90
Hexachloroethane
Concen: 50.77 ug/l
RT: 12.60 min Scan# 1970
Delta R.T. -0.00 min
Lab File: VX002979.D
Acq: 28 Jun 2018 12:16

Tgt Ion: 117 Resp: 103959
Ion Ratio Lower Upper
117 100
201 99.6 49.0 147.0

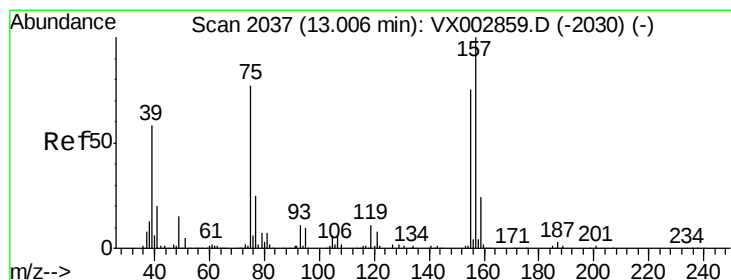
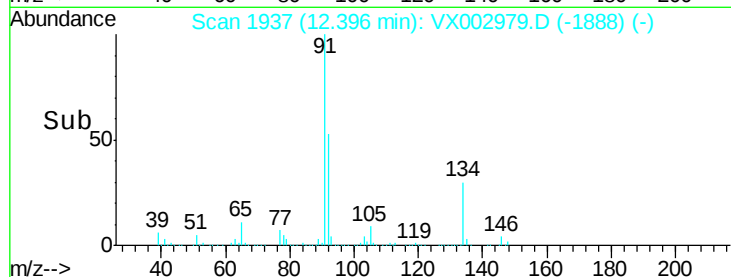
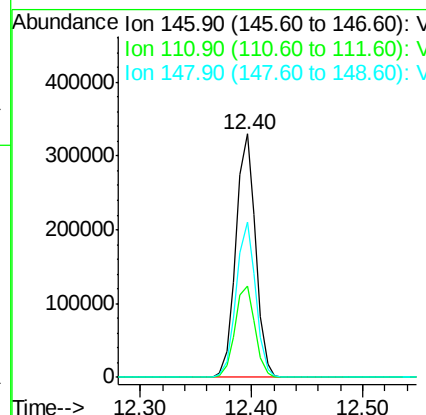
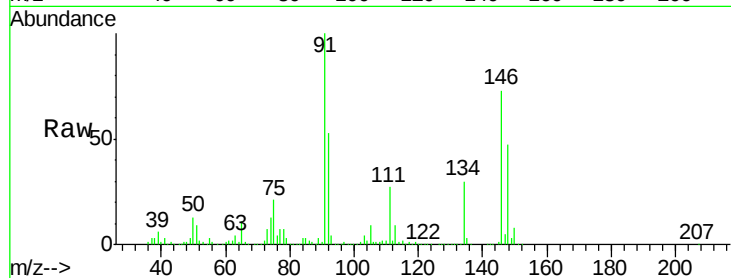




#91
 1,2-Dichlorobenzene
 Concen: 50.45 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VX002979.D
 Acq: 28 Jun 2018 12:16

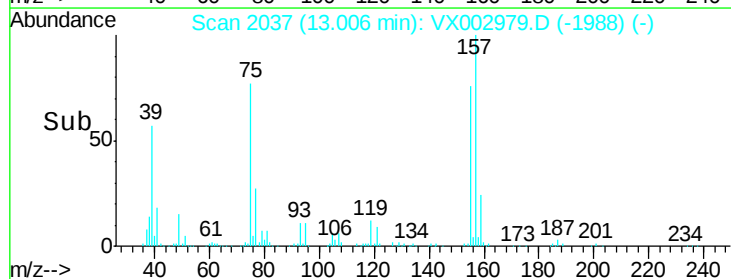
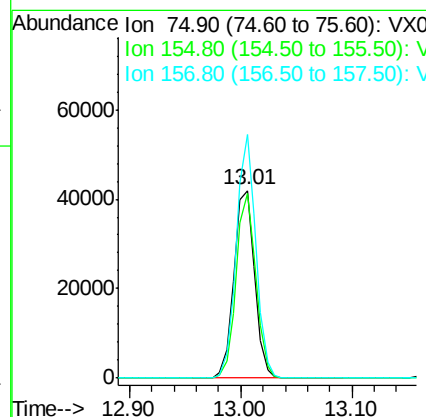
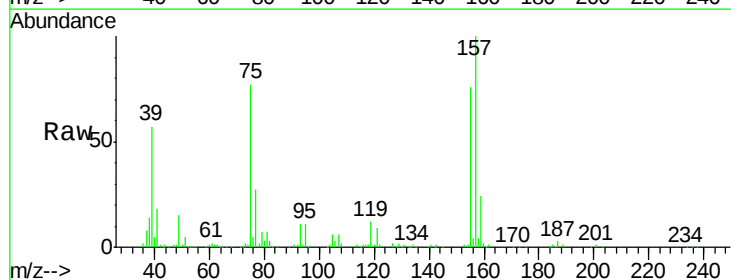
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion:146 Resp: 402746
 Ion Ratio Lower Upper
 146 100
 111 38.0 19.4 58.1
 148 63.2 31.7 95.1



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 51.23 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. -0.00 min
 Lab File: VX002979.D
 Acq: 28 Jun 2018 12:16

Tgt Ion: 75 Resp: 53942
 Ion Ratio Lower Upper
 75 100
 155 93.3 45.8 137.4
 157 121.5 60.1 180.3

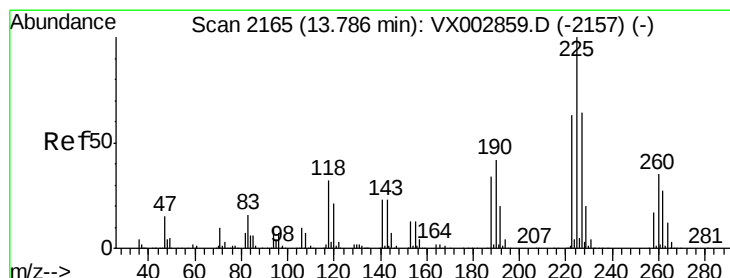
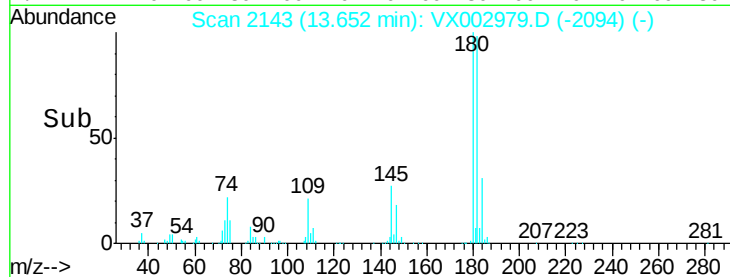
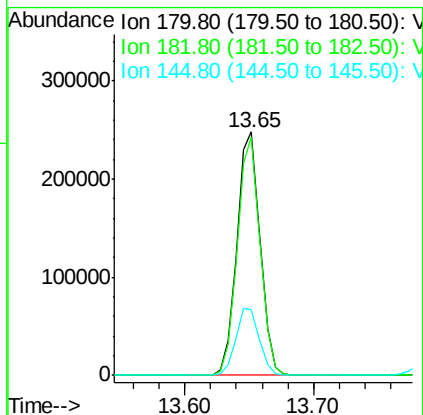
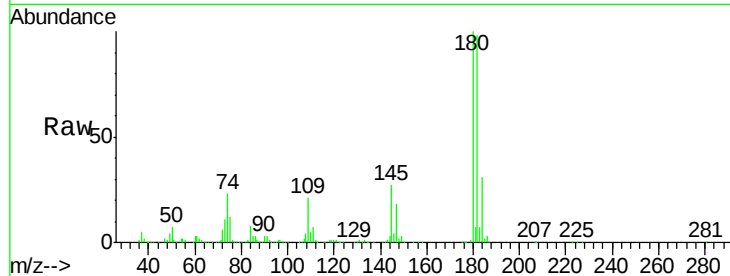




#93
 1,2,4-Trichlorobenzene
 Concen: 53.37 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX002979.D
 Acq: 28 Jun 2018 12:16

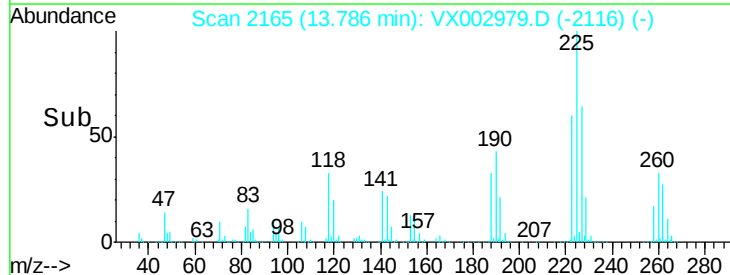
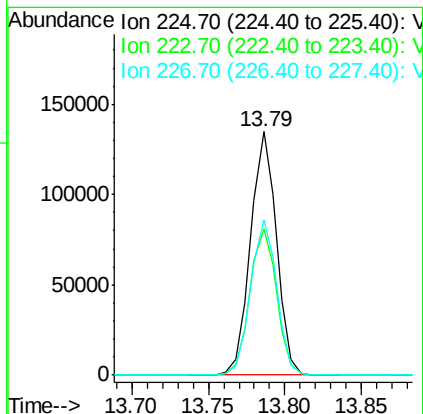
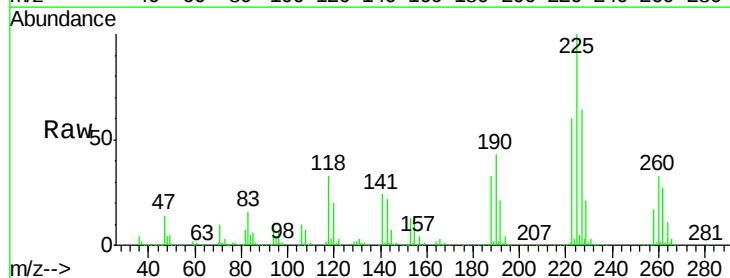
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

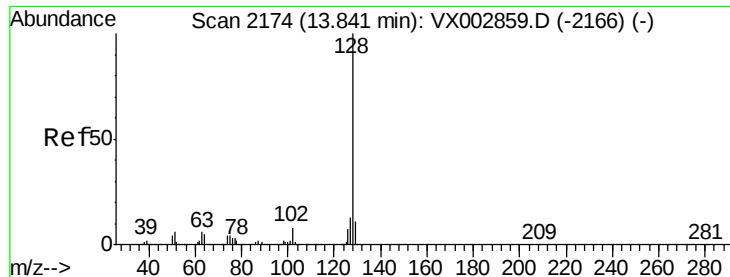
Tot Ion:180 Resp: 310030
 Ion Ratio Lower Upper
 180 100
 182 95.9 47.7 143.1
 145 28.1 14.1 42.4



#94
 Hexachlorobutadiene
 Concen: 54.75 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VX002979.D
 Acq: 28 Jun 2018 12:16

Tgt Ion:225 Resp: 158652
 Ion Ratio Lower Upper
 225 100
 223 61.9 31.6 95.0
 227 64.3 32.4 97.2





#95

Naphthalene

Concen: 53.62 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX002979.D

Acq: 28 Jun 2018 12:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

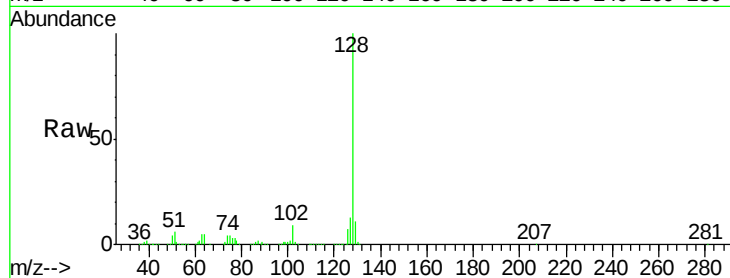
Tot Ion:128 Resp: 829625

Ion Ratio Lower Upper

128 100

127 12.9 10.4 15.6

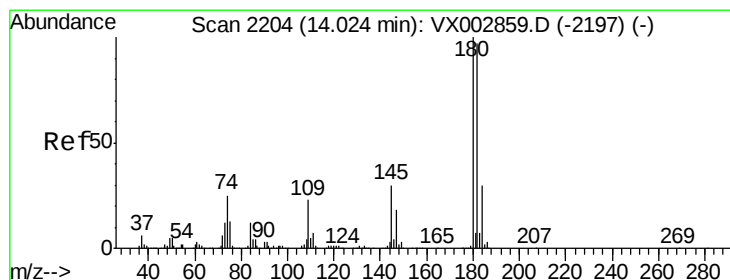
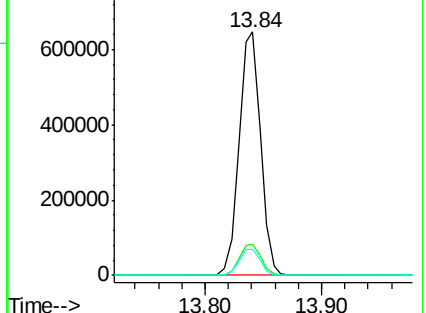
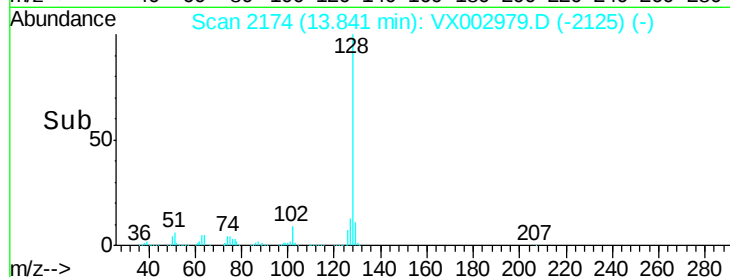
129 10.7 8.6 13.0



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



#96

1,2,3-Trichlorobenzene

Concen: 52.76 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. -0.00 min

Lab File: VX002979.D

Acq: 28 Jun 2018 12:16

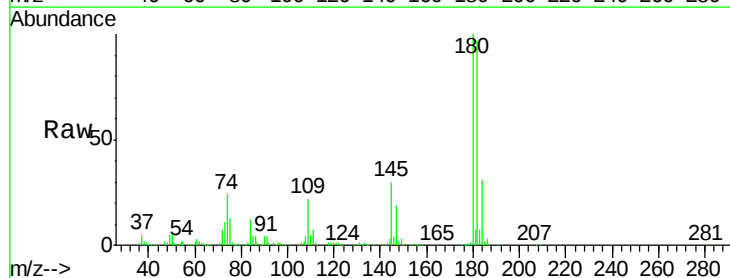
Tgt Ion:180 Resp: 306174

Ion Ratio Lower Upper

180 100

182 96.8 48.0 144.0

145 29.6 14.8 44.3



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

