

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062718\
 Data File : VX002952.D
 Acq On : 27 Jun 2018 22:41
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Jun 28 06:05:16 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	270081	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	368084	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	352866	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	226306	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	182573	48.91	ug/l	0.00
Spiked Amount			Recovery	=	97.82%	
35) Dibromofluoromethane	5.51	113	147664	50.66	ug/l	0.00
Spiked Amount			Recovery	=	101.32%	
50) Toluene-d8	8.72	98	532817	50.06	ug/l	0.00
Spiked Amount			Recovery	=	100.12%	
62) 4-Bromofluorobenzene	11.14	95	208424	50.77	ug/l	0.00
Spiked Amount			Recovery	=	101.54%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	151769	63.02	ug/l	100
3) Chloromethane	1.32	50	148700	59.62	ug/l	99
4) Vinyl Chloride	1.40	62	160935	52.69	ug/l	98
5) Bromomethane	1.64	94	89602	63.58	ug/l	100
6) Chloroethane	1.71	64	99873	55.99	ug/l	99
7) Trichlorofluoromethane	1.93	101	255736	49.64	ug/l	99
8) Diethyl Ether	2.19	74	91002	48.59	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.38	101	144650	48.45	ug/l	98
10) Methyl Iodide	2.51	142	161855	53.03	ug/l	99
11) Tert butyl alcohol	3.08	59	175785	236.38	ug/l	98
12) 1,1-Dichloroethene	2.37	96	130353	48.94	ug/l	96
13) Acrolein	2.29	56	89817	218.40	ug/l	100
14) Allyl chloride	2.73	41	253343	48.25	ug/l	98
15) Acrylonitrile	3.15	53	393422	247.68	ug/l	99
16) Acetone	2.45	43	360883	233.43	ug/l	98
17) Carbon Disulfide	2.57	76	359026	50.59	ug/l	97
18) Methyl Acetate	2.78	43	185613	42.94	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	456560	47.68	ug/l	100
20) Methylene Chloride	2.86	84	144787	48.13	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	139143	47.96	ug/l	99
22) Diisopropyl ether	3.87	45	494044	49.22	ug/l	94
23) Vinyl Acetate	3.83	43	2176445	256.10	ug/l	99
24) 1,1-Dichloroethane	3.70	63	265934	48.75	ug/l	100
25) 2-Butanone	4.71	43	571661	249.16	ug/l	98
26) 2,2-Dichloropropane	4.59	77	179296	40.42	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	158940	48.86	ug/l	93
28) Bromochloromethane	5.02	49	129892	49.75	ug/l	93
29) Tetrahydrofuran	5.17	42	367555	249.81	ug/l	97
30) Chloroform	5.22	83	276329	49.36	ug/l	97
31) Cyclohexane	5.58	56	239246	51.10	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	247292	50.21	ug/l	98
36) 1,1-Dichloropropene	5.80	75	203499	50.41	ug/l	99
37) Ethyl Acetate	4.87	43	226150	52.03	ug/l	100
38) Carbon Tetrachloride	5.79	117	222897	50.32	ug/l	98

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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	240112	51.07	ug/l	97
40) Benzene	6.15	78	600639	51.21	ug/l	99
41) Methacrylonitrile	5.07	41	126371	50.49	ug/l	98
42) 1,2-Dichloroethane	6.20	62	231879	48.94	ug/l	100
43) Isopropyl Acetate	6.47	43	361332	49.57	ug/l	99
44) Trichloroethene	7.21	130	174994	50.05	ug/l	100
45) 1,2-Dichloropropane	7.52	63	154995	49.82	ug/l	100
46) Dibromomethane	7.67	93	106828	49.48	ug/l	97
47) Bromodichloromethane	7.90	83	202247	50.67	ug/l	99
48) Methyl methacrylate	7.78	41	189997	50.59	ug/l	98
49) 1,4-Dioxane	7.76	88	73234	1002.24	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	1182333	259.26	ug/l	98
52) Toluene	8.79	92	386702	51.47	ug/l	100
53) t-1,3-Dichloropropene	8.44	75	231526	51.22	ug/l	100
54) cis-1,3-Dichloropropene	9.04	75	215195	49.48	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	155726	50.44	ug/l	99
56) Ethyl methacrylate	9.18	69	237851	52.71	ug/l	96
57) 1,3-Dichloropropane	9.38	76	254362	50.16	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	554340	254.65	ug/l	98
59) 2-Hexanone	9.50	43	902436	260.37	ug/l	98
60) Dibromochloromethane	9.59	129	165706	50.98	ug/l	100
61) 1,2-Dibromoethane	9.68	107	165941	51.24	ug/l	99
64) Tetrachloroethene	9.34	164	195649	49.86	ug/l	98
65) Chlorobenzene	10.14	112	444529	49.60	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	163431	50.20	ug/l	99
67) Ethyl Benzene	10.26	91	756294	51.08	ug/l	100
68) m/p-Xylenes	10.36	106	592578	103.85	ug/l	100
69) o-Xylene	10.70	106	286877	51.63	ug/l	99
70) Styrene	10.71	104	482526	53.45	ug/l	99
71) Bromoform	10.86	173	129864	44.60	ug/l	100
73) Isopropylbenzene	11.02	105	787057	51.70	ug/l	100
74) N-amyl acetate	6.47	43	361332	48.51	ug/l #	100
75) 1,1,1,2-Tetrachloroethane	11.27	83	231566	49.38	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	205743m	50.19	ug/l	
77) Bromobenzene	11.26	156	216026	49.83	ug/l	98
78) n-propylbenzene	11.37	91	895782	51.69	ug/l	99
79) 2-Chlorotoluene	11.43	91	530225	50.54	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	667345	52.04	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	60633	43.39	ug/l	97
82) 4-Chlorotoluene	11.51	91	628264	50.58	ug/l	99
83) tert-Butylbenzene	11.77	119	653932	51.75	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	684542	51.53	ug/l	99
85) sec-Butylbenzene	11.95	105	794735	51.84	ug/l	100
86) p-Isopropyltoluene	12.07	119	719130	52.18	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	391967	49.50	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	397448	48.77	ug/l	99
89) n-Butylbenzene	12.39	91	610163	50.86	ug/l	99
90) Hexachloroethane	12.60	117	105488	51.46	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	395130	49.44	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	52766	50.05	ug/l	97

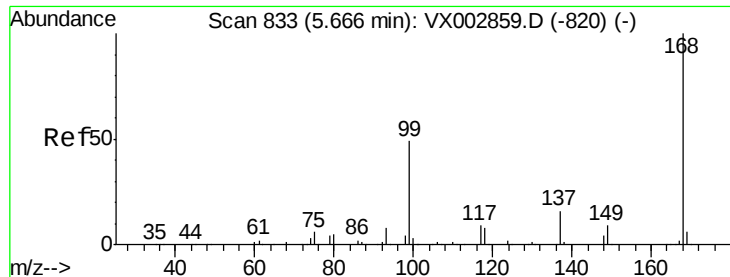
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062718\
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	288414	49.59	ug/l	99
94) Hexachlorobutadiene	13.79	225	144560	49.83	ug/l	99
95) Naphthalene	13.84	128	813861	52.54	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	293232	50.47	ug/l	100

(#) = 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: VX002952.D

Acq: 27 Jun 2018 22:41

Instrument :

MSVOA_X

ClientSampleId :

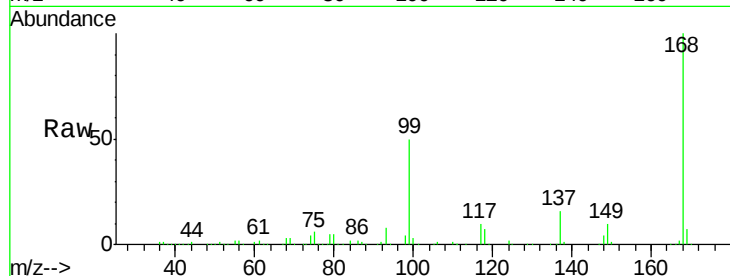
VSTDCCC050

Tot Ion:168 Resp: 270081

Ion Ratio Lower Upper

168 100

99 49.8 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

100000

80000

60000

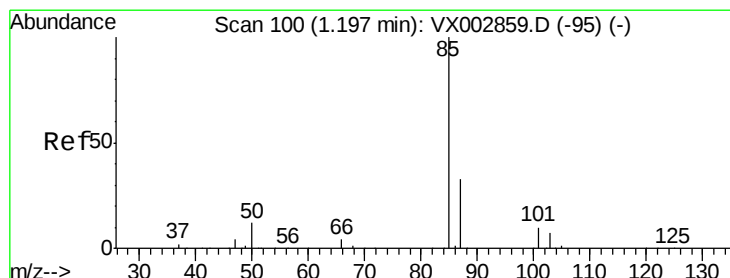
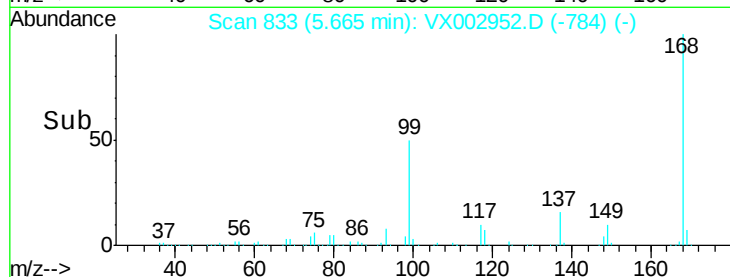
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 63.02 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX002952.D

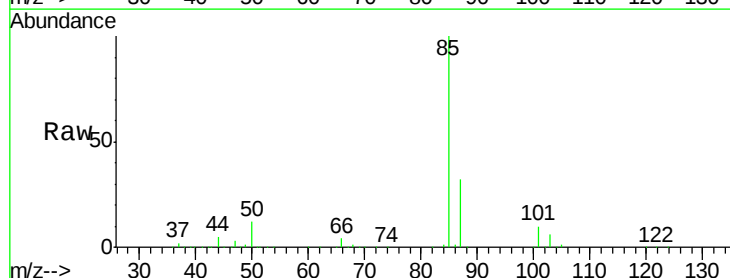
Acq: 27 Jun 2018 22:41

Tgt Ion: 85 Resp: 151769

Ion Ratio Lower Upper

85 100

87 32.2 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

150000

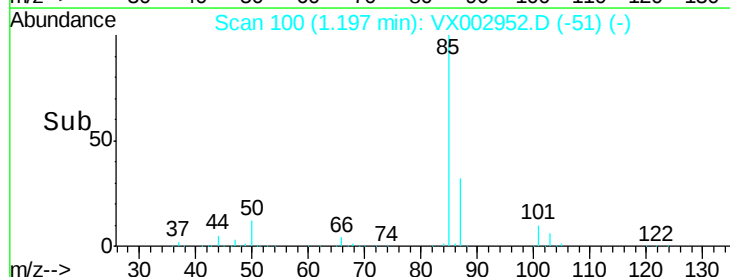
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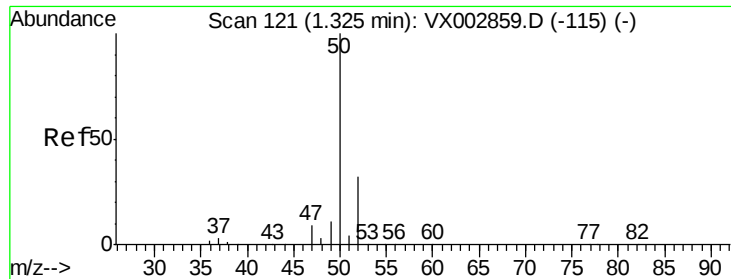
50000

0

Time-->

1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 59.62 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX002952.D

Acq: 27 Jun 2018 22:41

Instrument :

MSVOA_X

ClientSampleId :

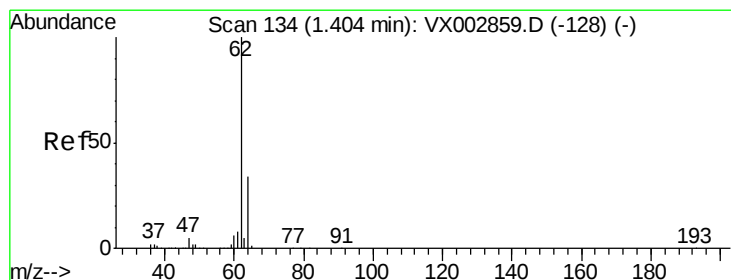
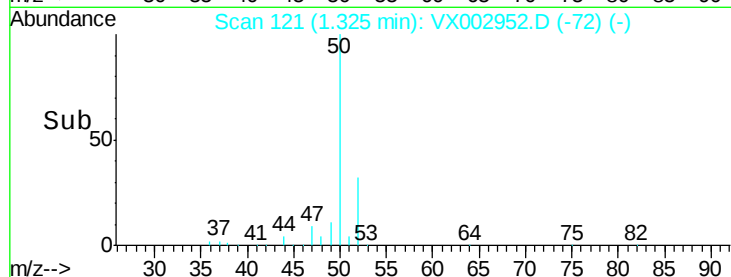
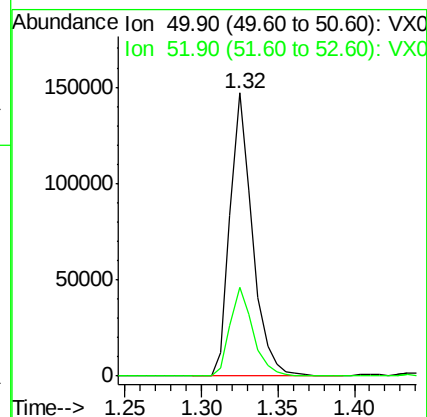
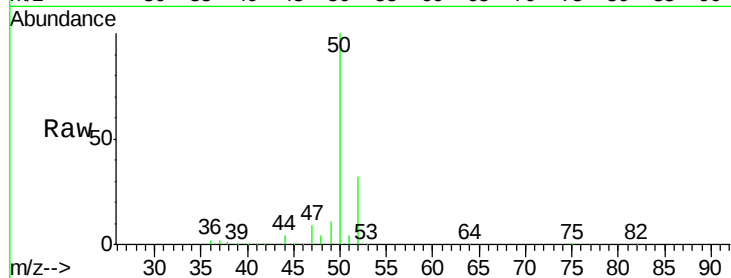
VSTDCCC050

Tot Ion: 50 Resp: 148700

Ion Ratio Lower Upper

50 100

52 31.5 25.7 38.5



#4

Vinyl Chloride

Concen: 52.69 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX002952.D

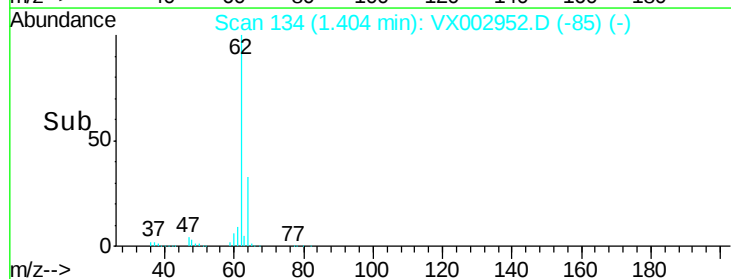
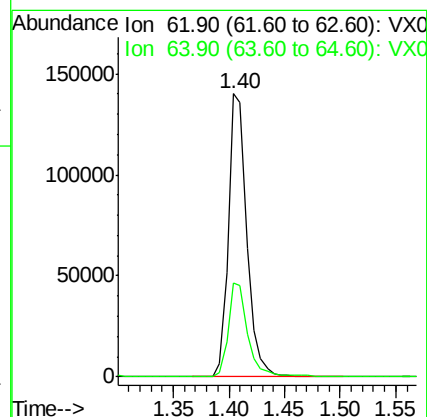
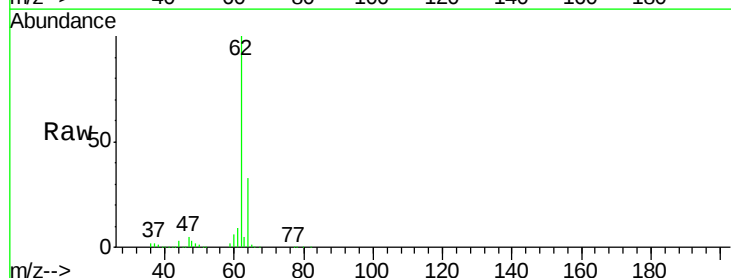
Acq: 27 Jun 2018 22:41

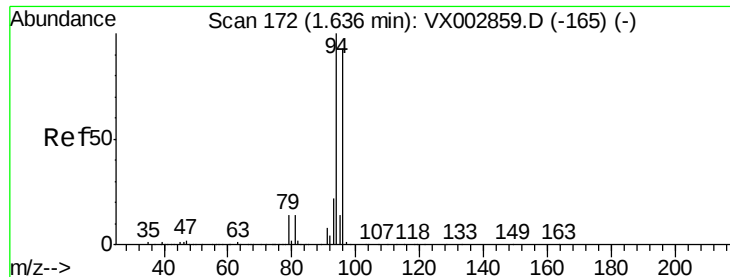
Tgt Ion: 62 Resp: 160935

Ion Ratio Lower Upper

62 100

64 32.8 25.4 38.2





#5

Bromomethane

Concen: 63.58 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX002952.D

Acq: 27 Jun 2018 22:41

Instrument :

MSVOA_X

ClientSampled :

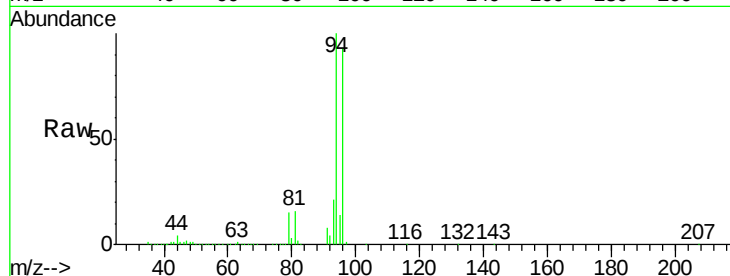
VSTDCCC050

Tot Ion: 94 Resp: 89602

Ion Ratio Lower Upper

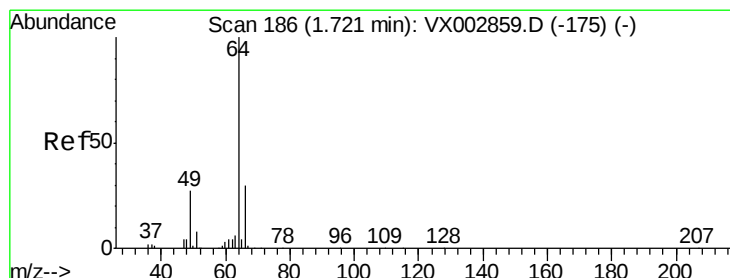
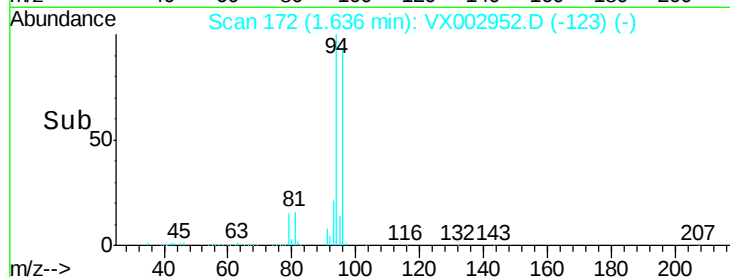
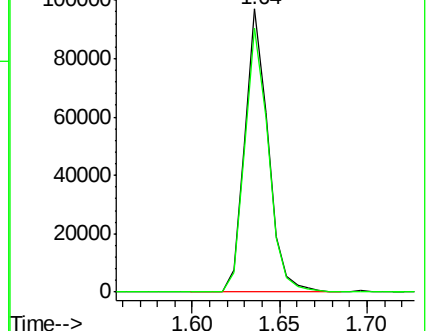
94 100

96 93.3 74.9 112.3



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 55.99 ug/l

RT: 1.71 min Scan# 185

Delta R.T. -0.01 min

Lab File: VX002952.D

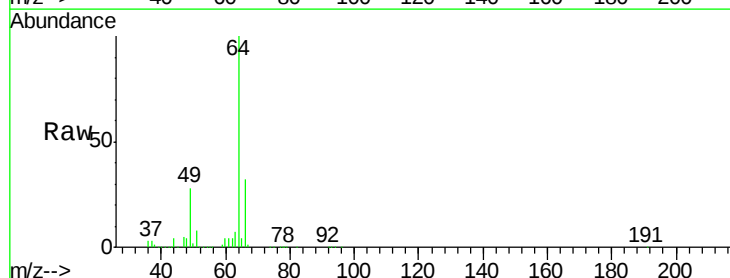
Acq: 27 Jun 2018 22:41

Tgt Ion: 64 Resp: 99873

Ion Ratio Lower Upper

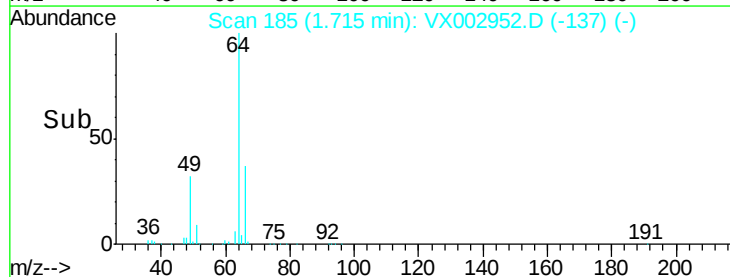
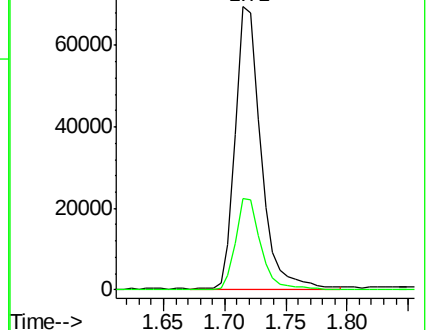
64 100

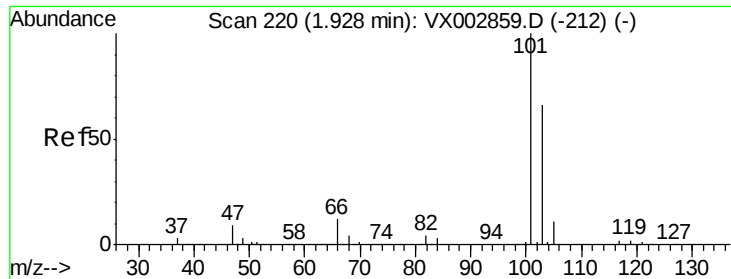
66 32.2 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



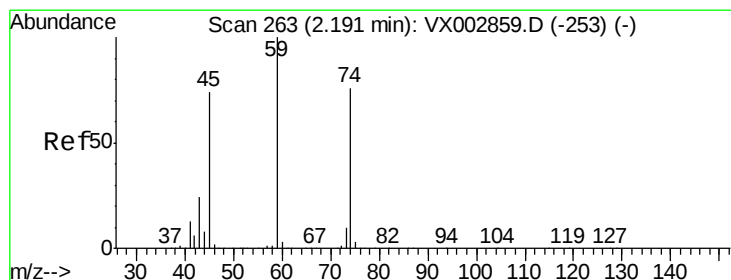
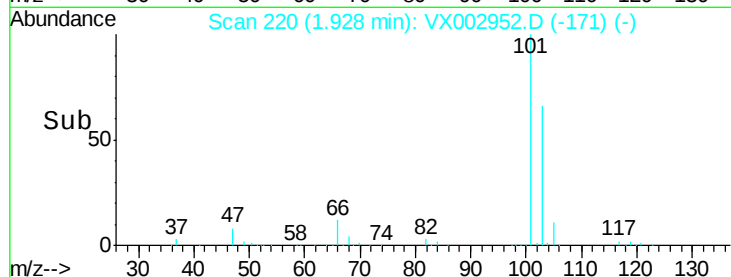
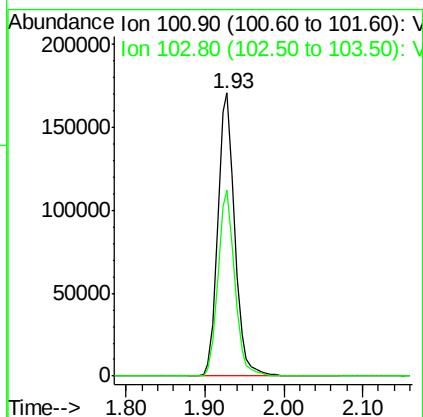
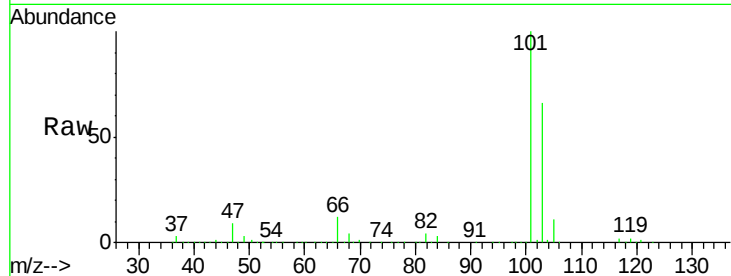


#7

Trichlorofluoromethane
Concen: 49.64 ug/l
RT: 1.93 min Scan# 220
Delta R.T. -0.00 min
Lab File: VX002952.D
Acq: 27 Jun 2018 22:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

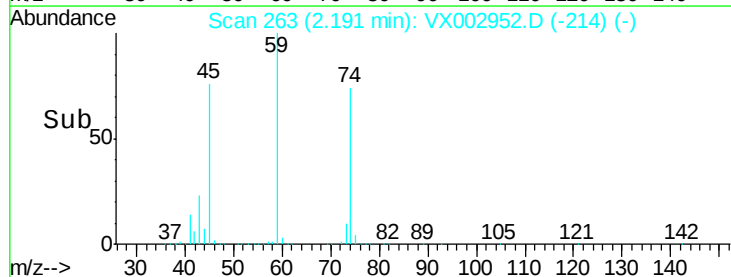
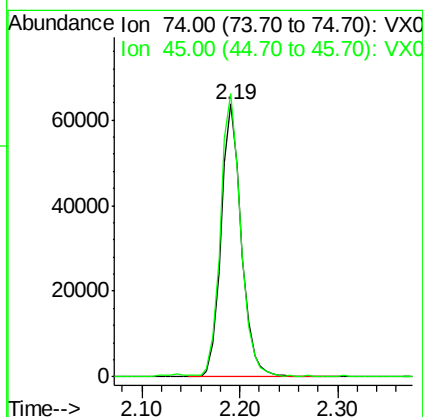
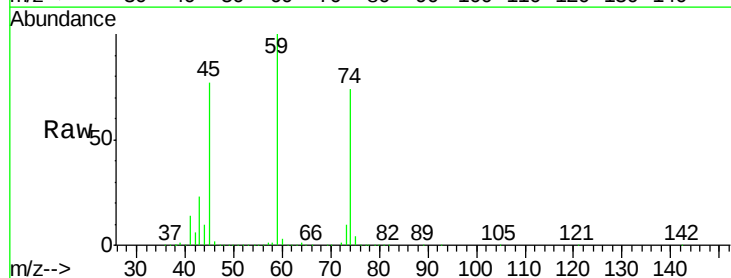
Tot Ion:101 Resp: 255736
Ion Ratio Lower Upper
101 100
103 65.6 52.8 79.2

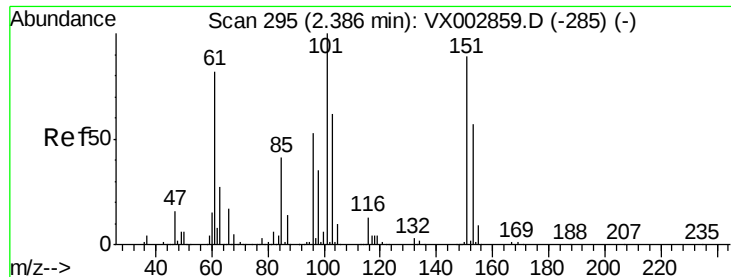


#8

Diethyl Ether
Concen: 48.59 ug/l
RT: 2.19 min Scan# 263
Delta R.T. -0.00 min
Lab File: VX002952.D
Acq: 27 Jun 2018 22:41

Tgt Ion: 74 Resp: 91002
Ion Ratio Lower Upper
74 100
45 103.7 53.1 159.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.45 ug/l

RT: 2.38 min Scan# 294

Delta R.T. -0.01 min

Lab File: VX002952.D

Acq: 27 Jun 2018 22:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

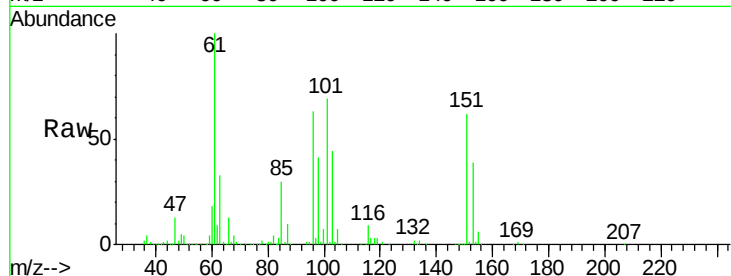
Tot Ion:101 Resp: 144650

Ion Ratio Lower Upper

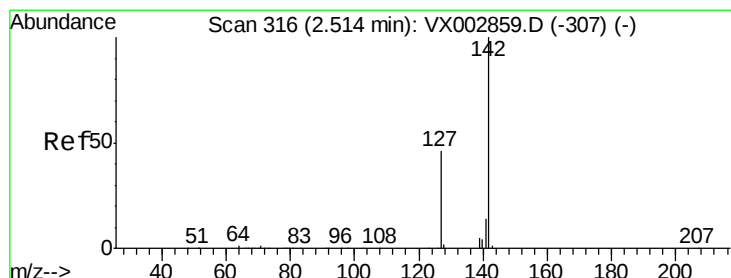
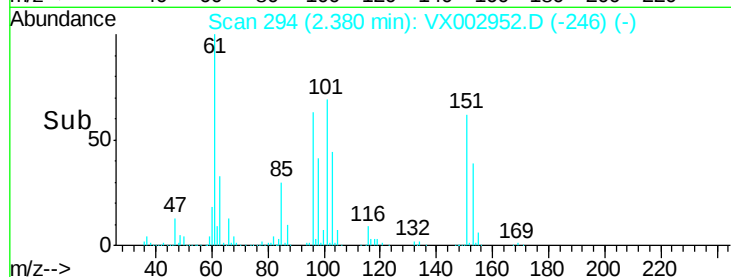
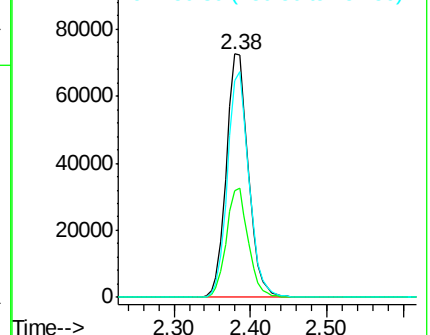
101 100

85 44.4 36.0 54.0

151 90.7 70.9 106.3



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



#10

Methyl Iodide

Concen: 53.03 ug/l

RT: 2.51 min Scan# 316

Delta R.T. 0.00 min

Lab File: VX002952.D

Acq: 27 Jun 2018 22:41

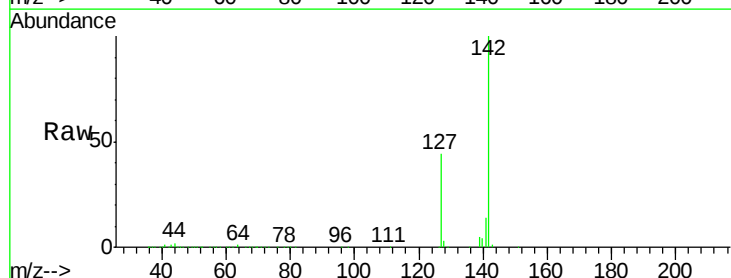
Tgt Ion:142 Resp: 161855

Ion Ratio Lower Upper

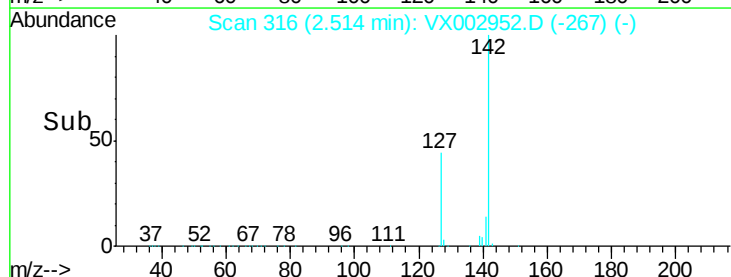
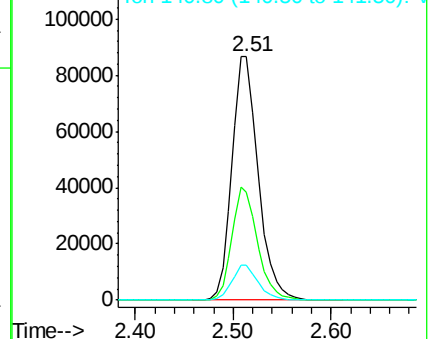
142 100

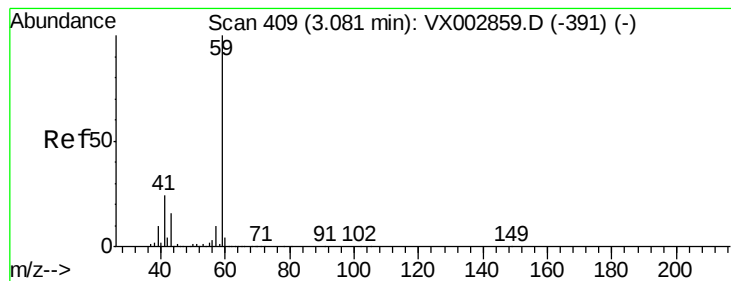
127 45.2 36.6 55.0

141 14.3 11.3 16.9



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



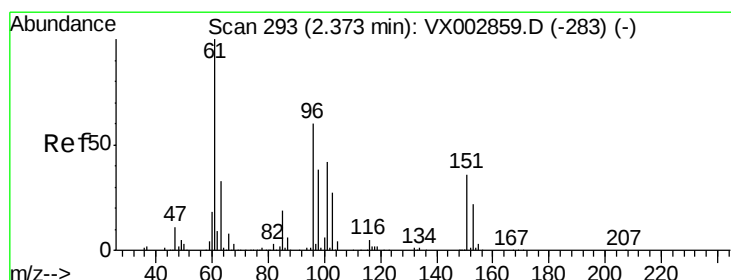
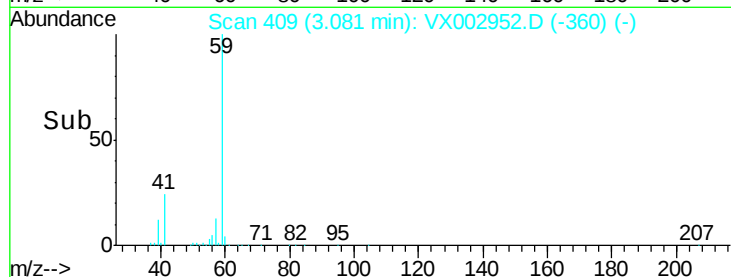
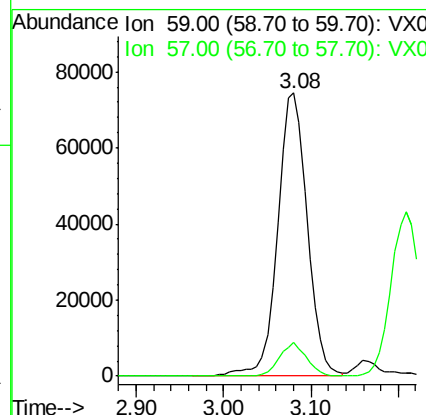
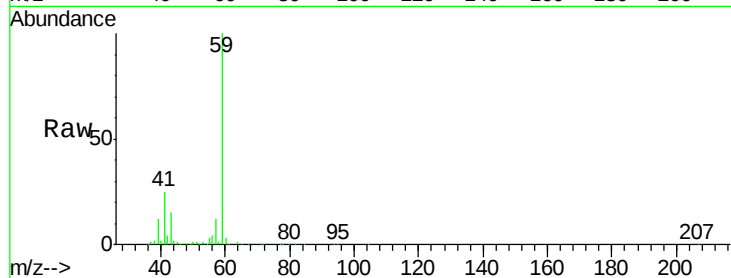


#11

Tert butyl alcohol
 Concen: 236.38 ug/l
 RT: 3.08 min Scan# 409
 Delta R.T. -0.00 min
 Lab File: VX002952.D
 Acq: 27 Jun 2018 22:41

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

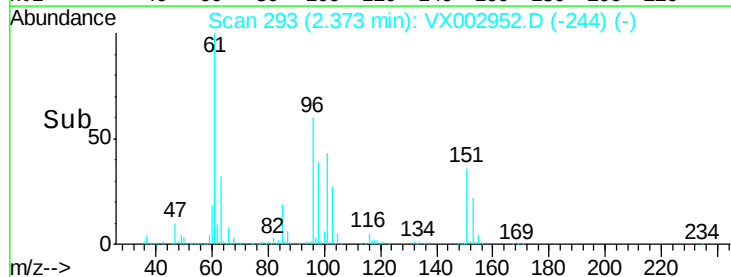
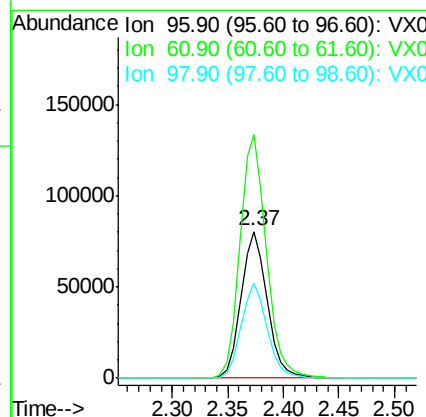
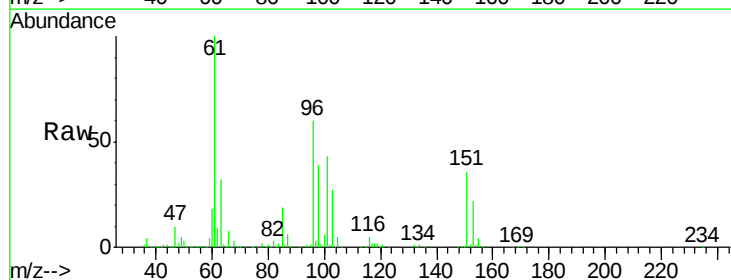
Tot Ion: 59 Resp: 175785
 Ion Ratio Lower Upper
 59 100
 57 10.9 8.2 12.2

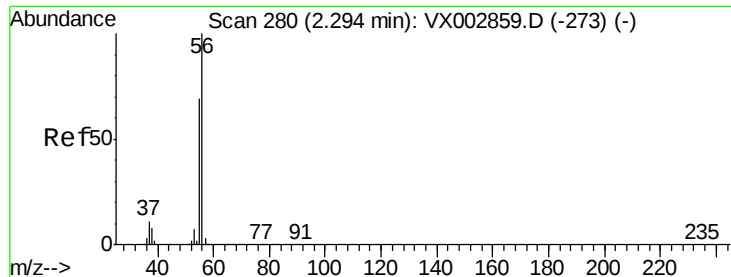


#12

1,1-Dichloroethene
 Concen: 48.94 ug/l
 RT: 2.37 min Scan# 293
 Delta R.T. -0.00 min
 Lab File: VX002952.D
 Acq: 27 Jun 2018 22:41

Tgt Ion: 96 Resp: 130353
 Ion Ratio Lower Upper
 96 100
 61 165.9 137.9 206.9
 98 65.0 51.6 77.4





#13

Acrolein

Concen: 218.40 ug/l

RT: 2.29 min Scan# 280

Delta R.T. 0.00 min

Lab File: VX002952.D

Acq: 27 Jun 2018 22:41

Instrument :

MSVOA_X

ClientSampleId :

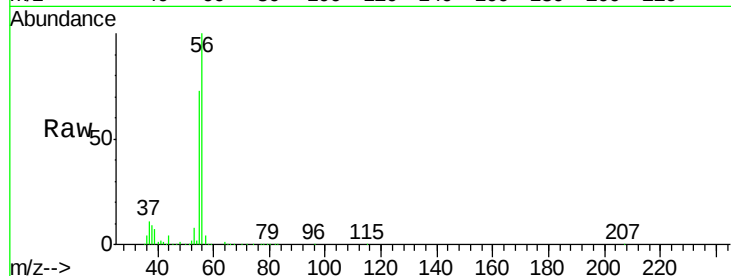
VSTDCCC050

Tot Ion: 56 Resp: 89817

Ion Ratio Lower Upper

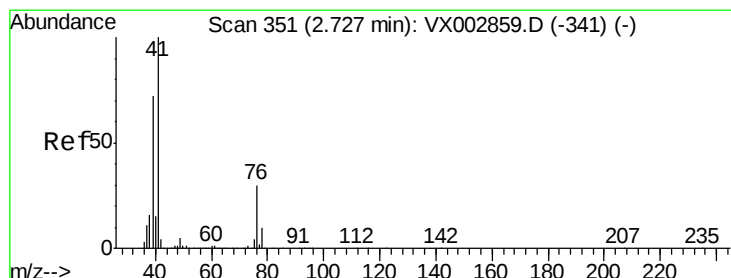
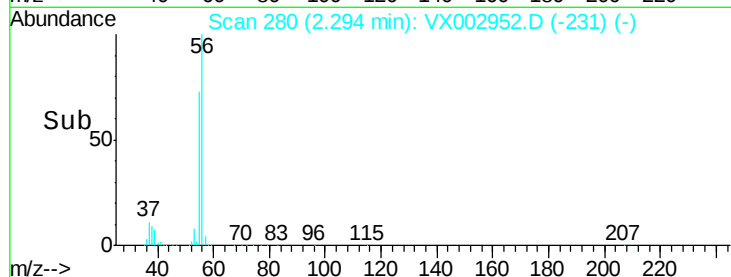
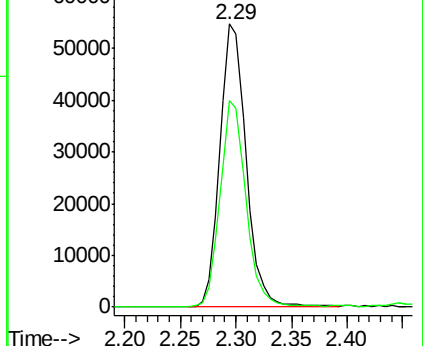
56 100

55 71.3 57.0 85.4



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 48.25 ug/l

RT: 2.73 min Scan# 351

Delta R.T. -0.00 min

Lab File: VX002952.D

Acq: 27 Jun 2018 22:41

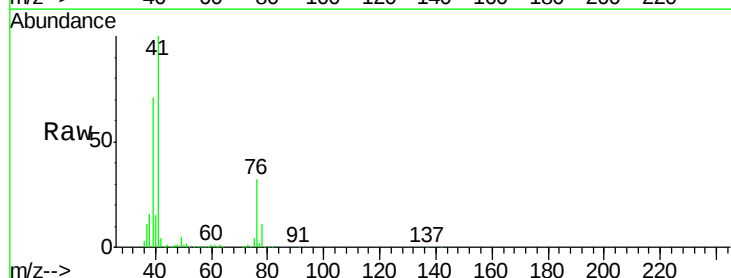
Tgt Ion: 41 Resp: 253343

Ion Ratio Lower Upper

41 100

39 69.3 56.8 85.2

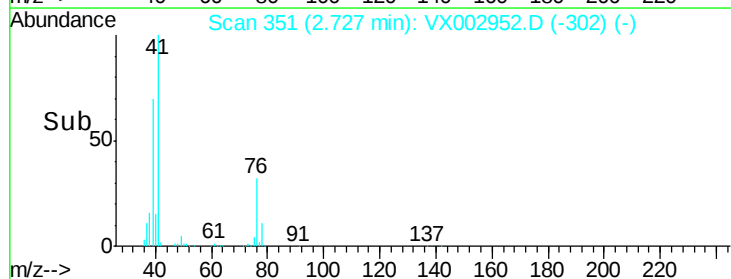
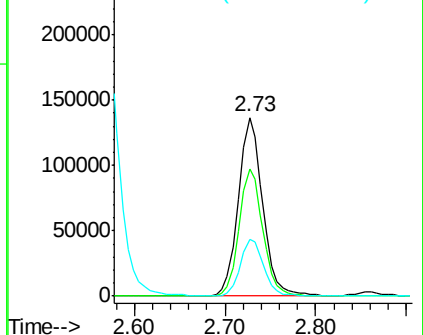
76 30.6 23.8 35.8

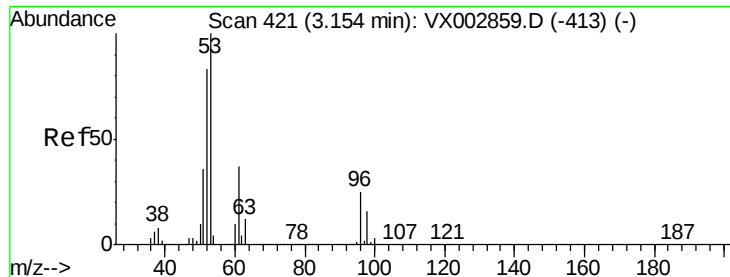


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 247.68 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.00 min

Lab File: VX002952.D

Acq: 27 Jun 2018 22:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

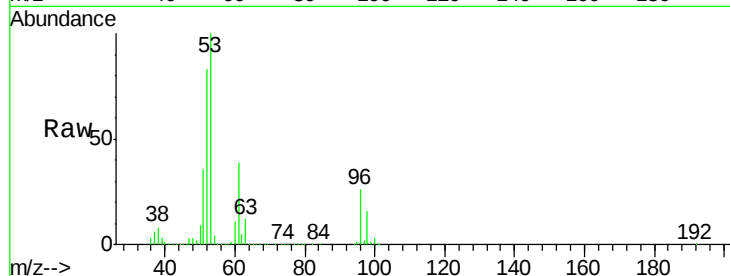
Tot Ion: 53 Resp: 393422

Ion Ratio Lower Upper

53 100

52 83.0 66.7 100.1

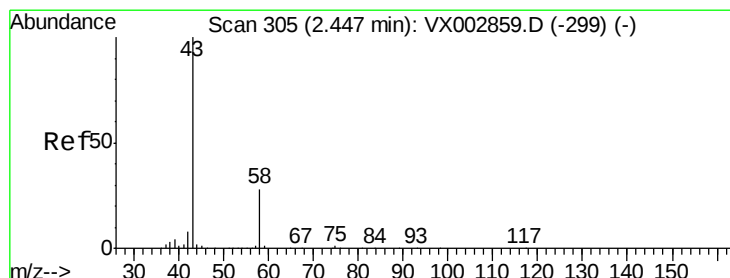
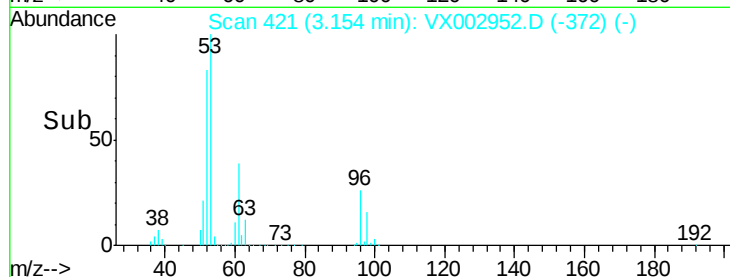
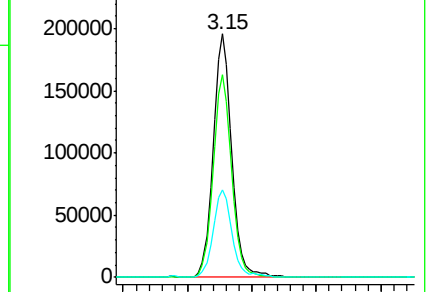
51 36.3 29.9 44.9



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: 233.43 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.01 min

Lab File: VX002952.D

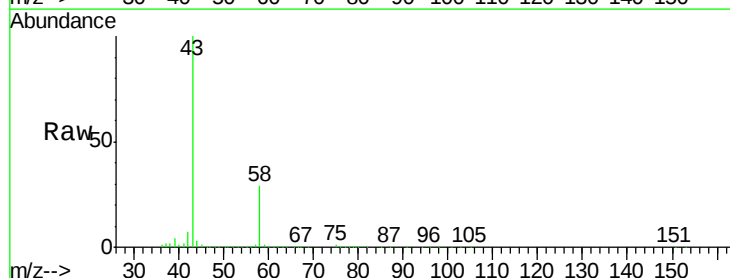
Acq: 27 Jun 2018 22:41

Tgt Ion: 43 Resp: 360883

Ion Ratio Lower Upper

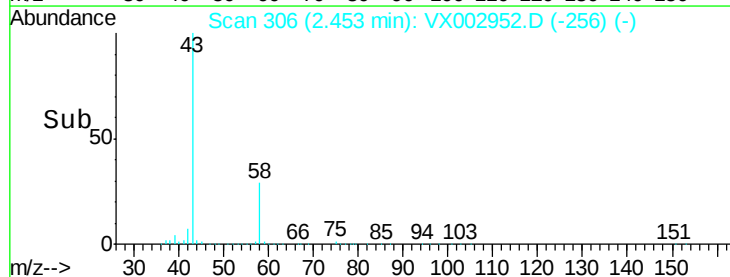
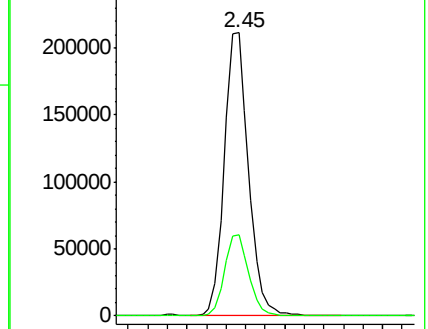
43 100

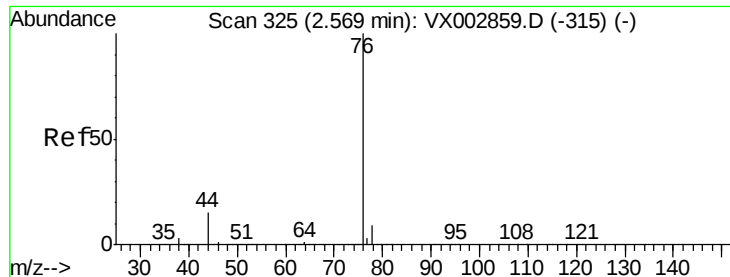
58 28.8 22.1 33.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 50.59 ug/l

RT: 2.57 min Scan# 325

Delta R.T. -0.00 min

Lab File: VX002952.D

Acq: 27 Jun 2018 22:41

Instrument :

MSVOA_X

ClientSampleId :

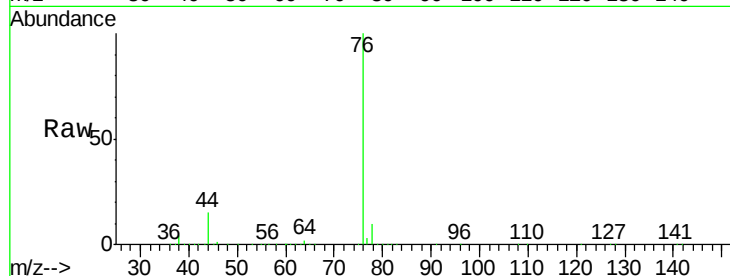
VSTDCCC050

Tot Ion: 76 Resp: 359026

Ion Ratio Lower Upper

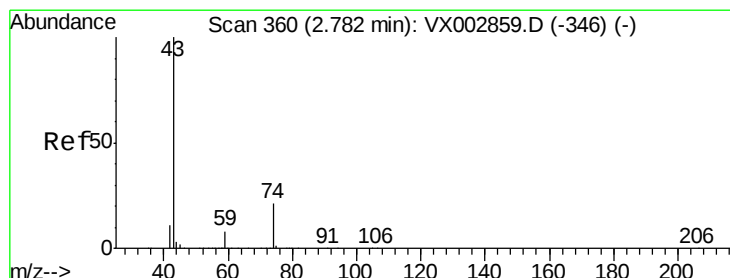
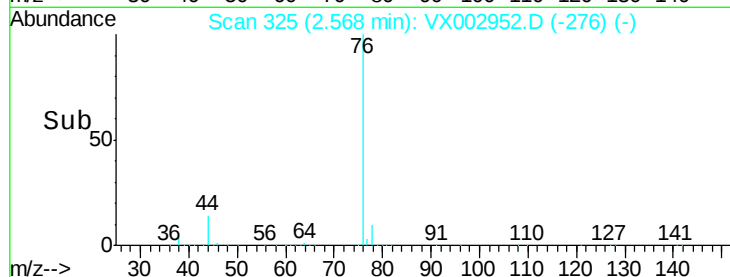
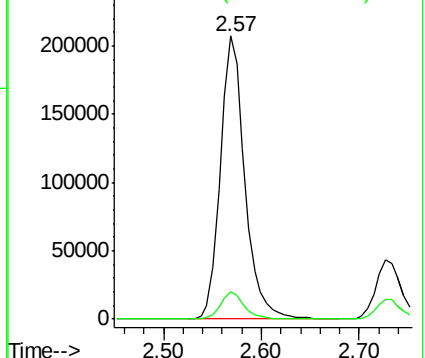
76 100

78 9.6 6.9 10.3



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 42.94 ug/l

RT: 2.78 min Scan# 360

Delta R.T. -0.00 min

Lab File: VX002952.D

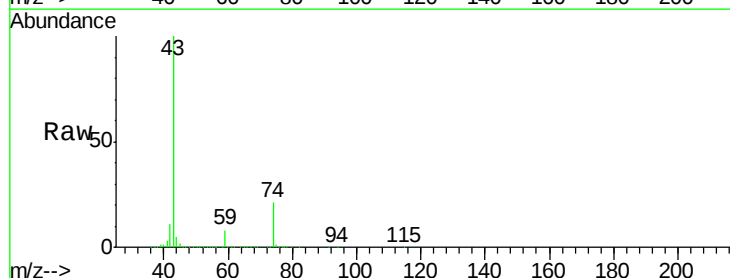
Acq: 27 Jun 2018 22:41

Tgt Ion: 43 Resp: 185613

Ion Ratio Lower Upper

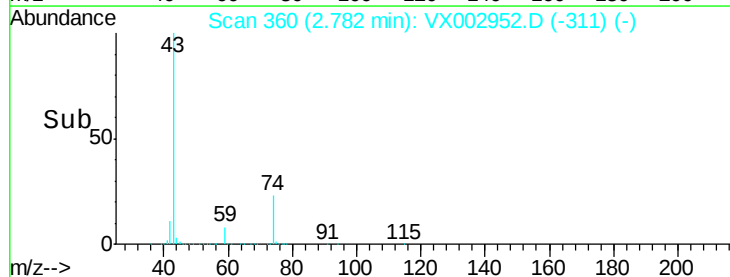
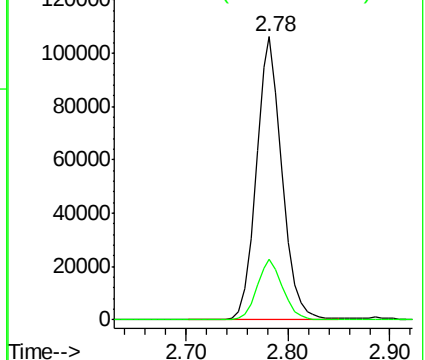
43 100

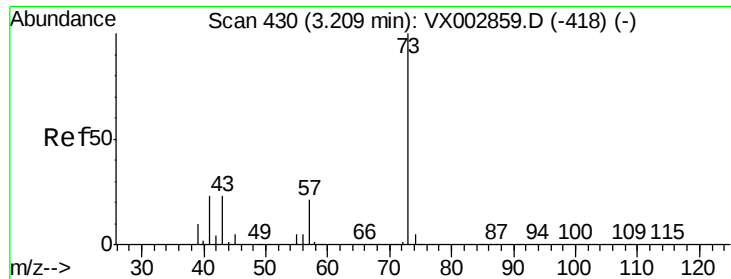
74 21.1 16.7 25.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

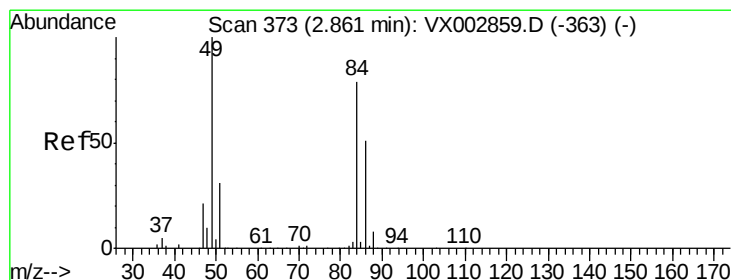
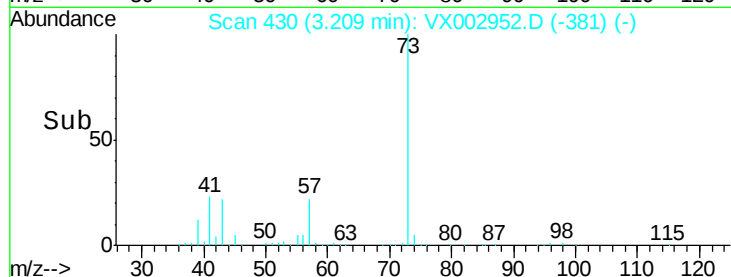
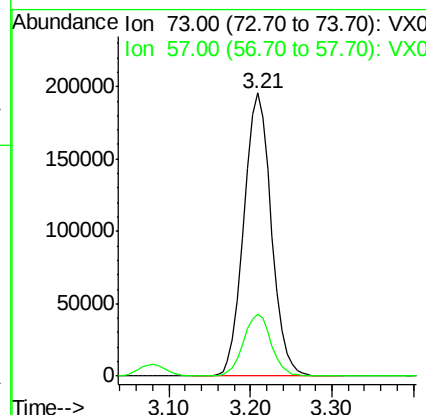
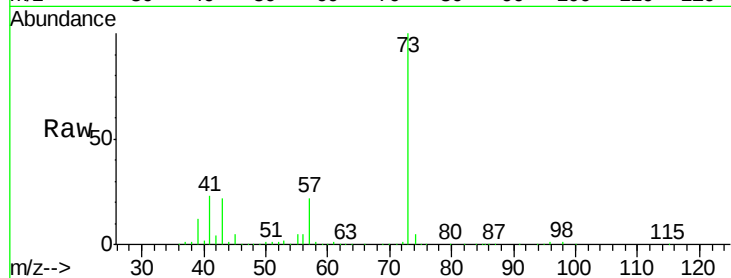




#19
Methyl tert-butyl Ether
Concen: 47.68 ug/l
RT: 3.21 min Scan# 430
Delta R.T. -0.00 min
Lab File: VX002952.D
Acq: 27 Jun 2018 22:41

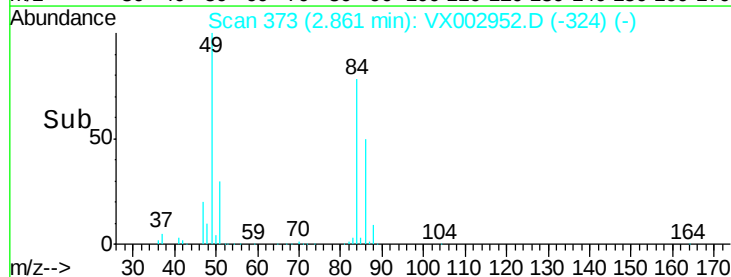
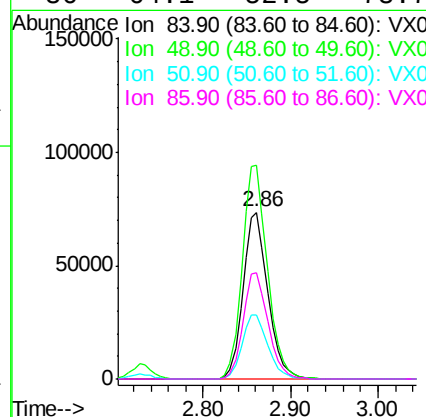
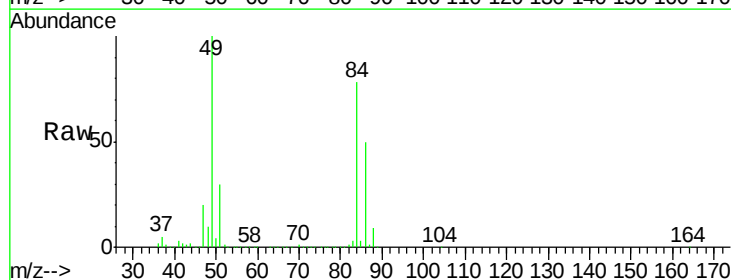
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

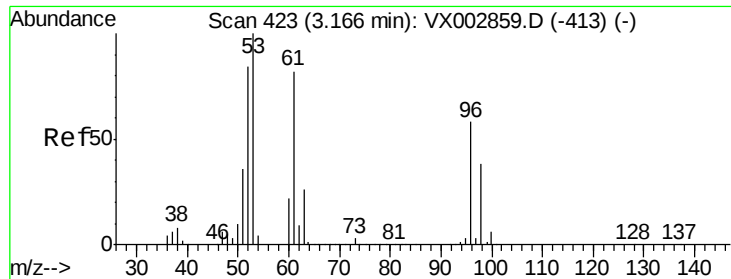
Tot Ion: 73 Resp: 456560
Ion Ratio Lower Upper
73 100
57 21.9 17.7 26.5



#20
Methylene Chloride
Concen: 48.13 ug/l
RT: 2.86 min Scan# 373
Delta R.T. -0.00 min
Lab File: VX002952.D
Acq: 27 Jun 2018 22:41

Tgt Ion: 84 Resp: 144787
Ion Ratio Lower Upper
84 100
49 128.2 107.8 161.6
51 38.5 32.8 49.2
86 64.1 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 47.96 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX002952.D

Acq: 27 Jun 2018 22:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

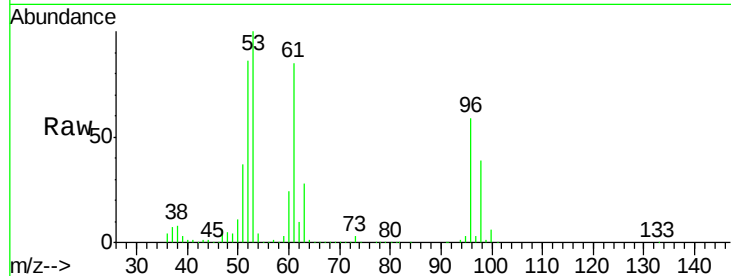
Tot Ion: 96 Resp: 139143

Ion Ratio Lower Upper

96 100

61 145.1 117.0 175.4

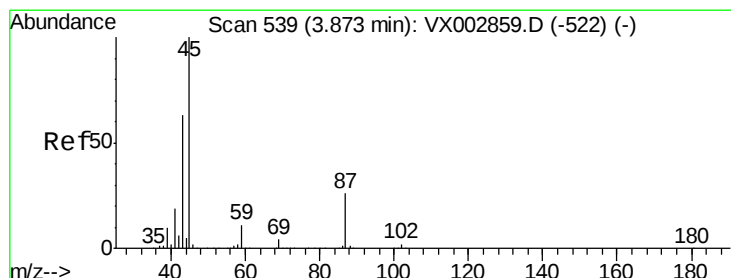
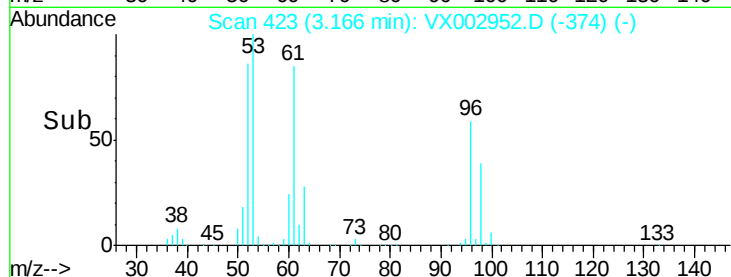
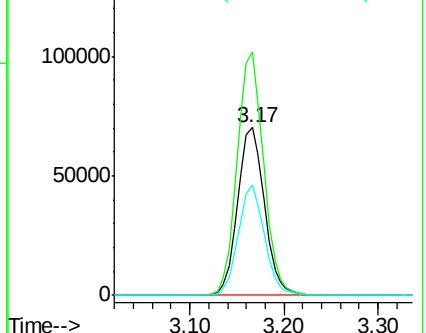
98 65.9 52.4 78.6



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: 49.22 ug/l

RT: 3.87 min Scan# 539

Delta R.T. -0.00 min

Lab File: VX002952.D

Acq: 27 Jun 2018 22:41

Tgt Ion: 45 Resp: 494044

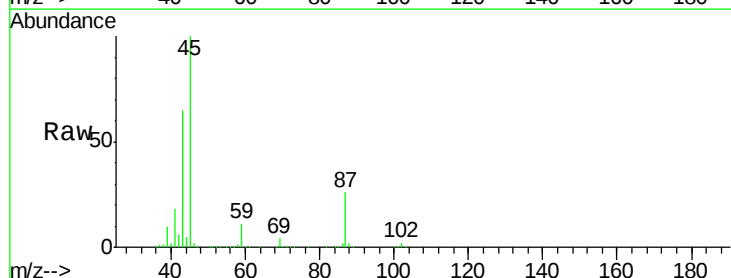
Ion Ratio Lower Upper

45 100

43 64.9 46.8 70.2

87 26.4 20.2 30.4

59 10.5 8.7 13.1

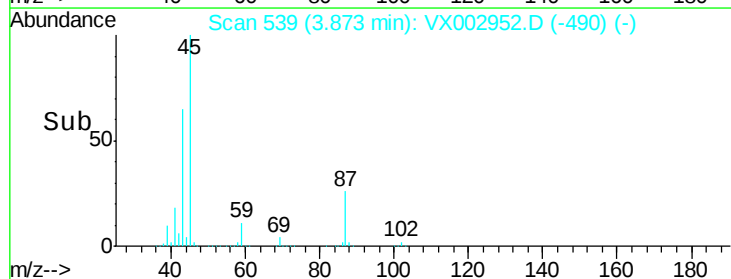
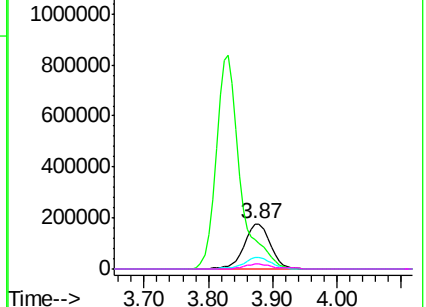


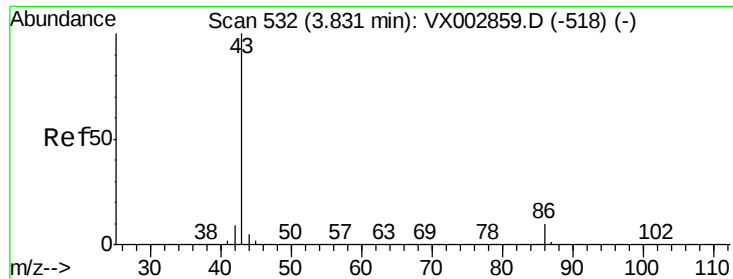
Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 256.10 ug/l

RT: 3.83 min Scan# 532

Delta R.T. -0.00 min

Lab File: VX002952.D

Acq: 27 Jun 2018 22:41

Instrument :

MSVOA_X

ClientSampleId :

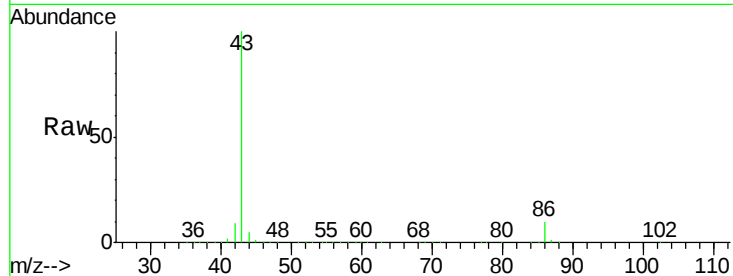
VSTDCCC050

Tot Ion: 43 Resp: 2176445

Ion Ratio Lower Upper

43 100

86 9.6 7.4 11.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

1000000

800000

600000

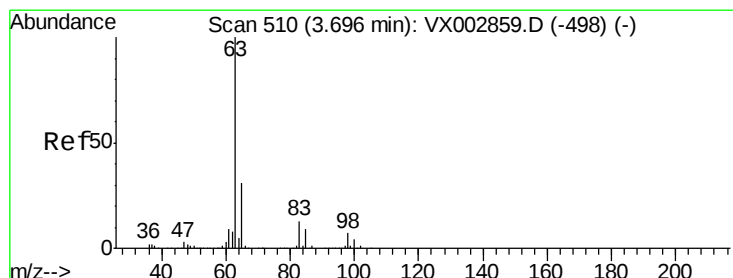
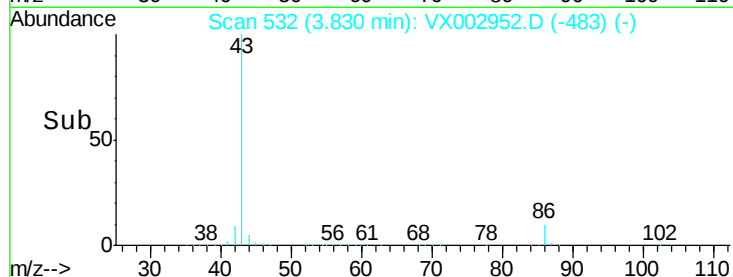
400000

200000

0

3.70 3.80 3.90 4.00 4.10

Time-->



#24

1,1-Dichloroethane

Concen: 48.75 ug/l

RT: 3.70 min Scan# 510

Delta R.T. -0.00 min

Lab File: VX002952.D

Acq: 27 Jun 2018 22:41

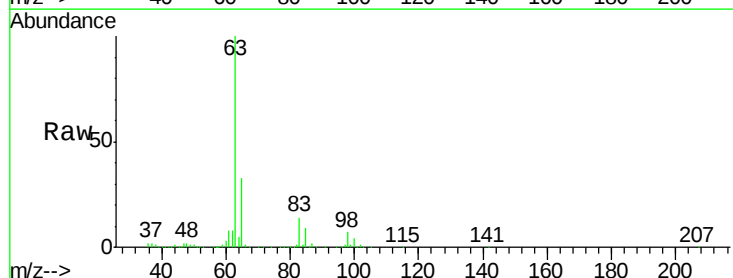
Tgt Ion: 63 Resp: 265934

Ion Ratio Lower Upper

63 100

98 6.7 3.4 10.2

100 3.9 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

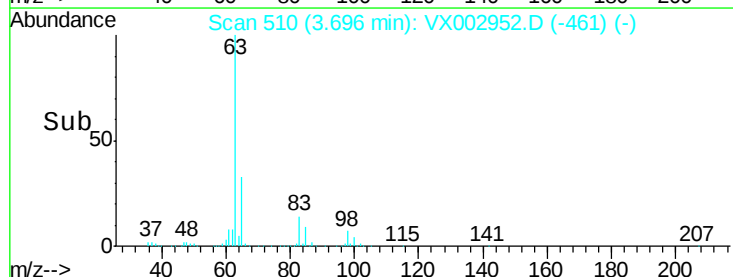
100000

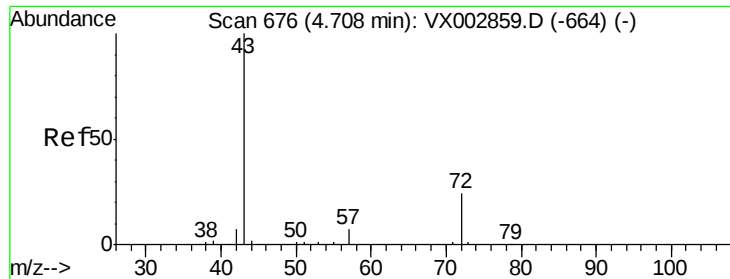
50000

0

3.50 3.60 3.70 3.80 3.90

Time-->





#25

2-Butanone

Concen: 249.16 ug/l

RT: 4.71 min Scan# 676

Delta R.T. -0.00 min

Lab File: VX002952.D

Acq: 27 Jun 2018 22:41

Instrument :

MSVOA_X

ClientSampleId :

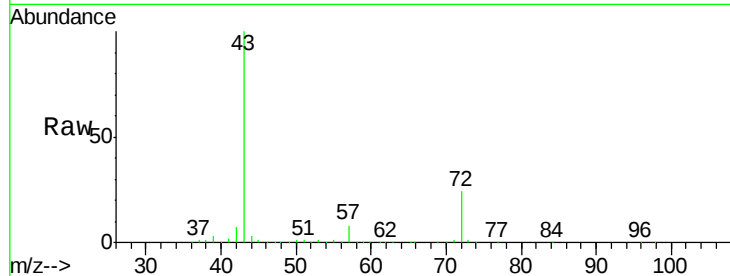
VSTDCCC050

Tot Ion: 43 Resp: 571661

Ion Ratio Lower Upper

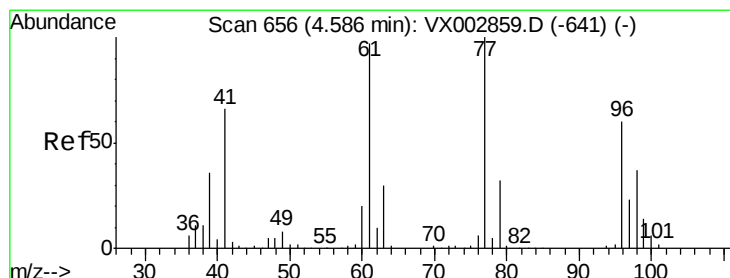
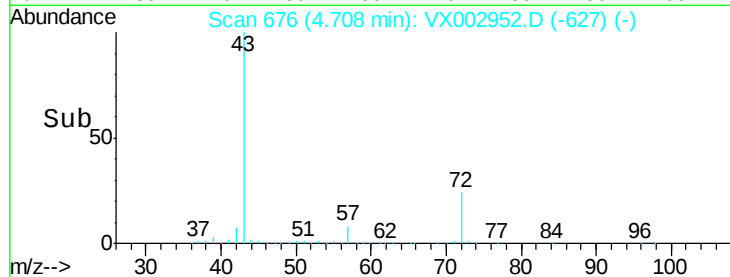
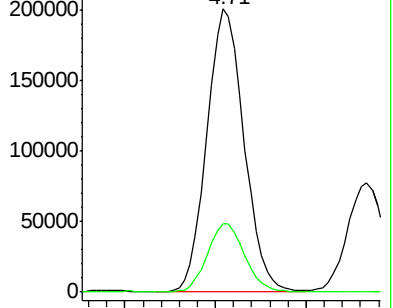
43 100

72 24.1 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: 40.42 ug/l

RT: 4.59 min Scan# 656

Delta R.T. -0.00 min

Lab File: VX002952.D

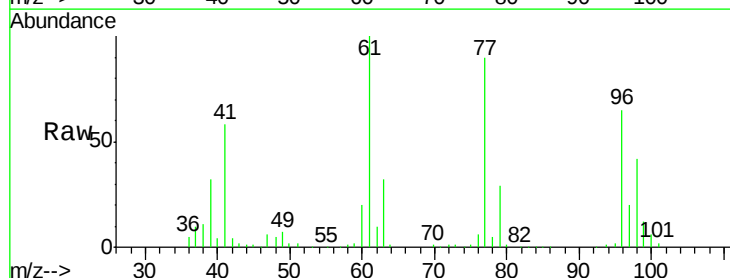
Acq: 27 Jun 2018 22:41

Tgt Ion: 77 Resp: 179296

Ion Ratio Lower Upper

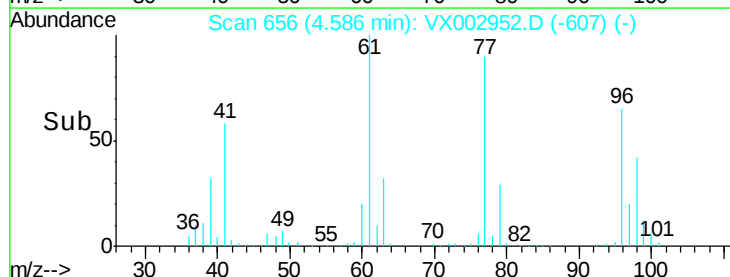
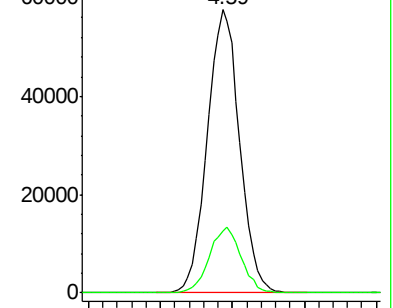
77 100

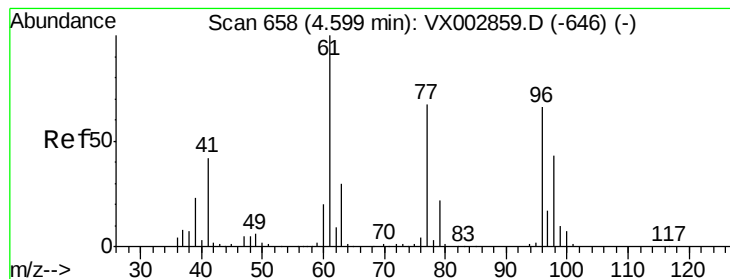
97 23.0 11.2 33.5



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: 48.86 ug/l

RT: 4.60 min Scan# 658

Delta R.T. -0.00 min

Lab File: VX002952.D

Acq: 27 Jun 2018 22:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

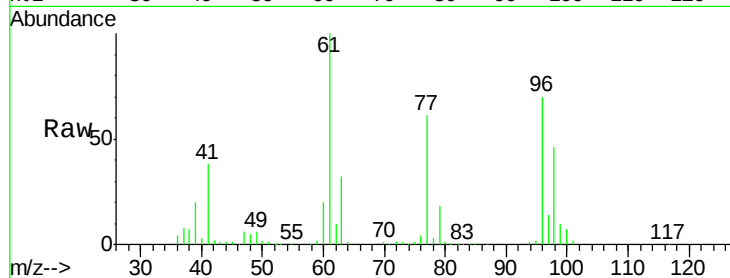
Tot Ion: 96 Resp: 158940

Ion Ratio Lower Upper

96 100

61 152.8 0.0 330.2

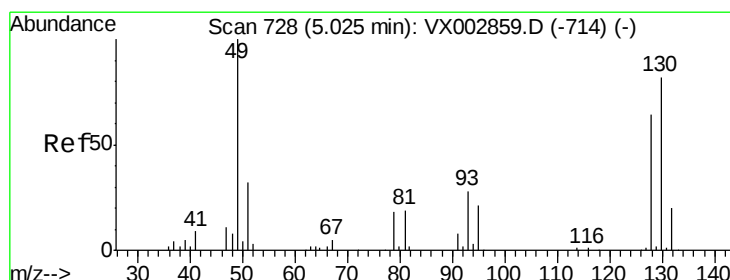
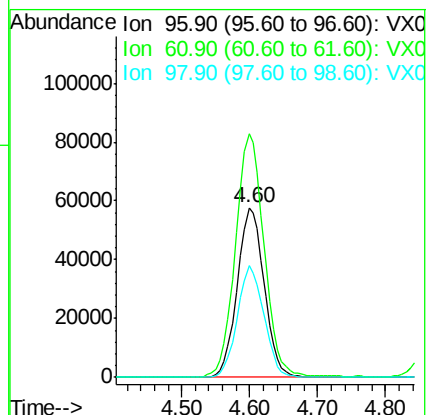
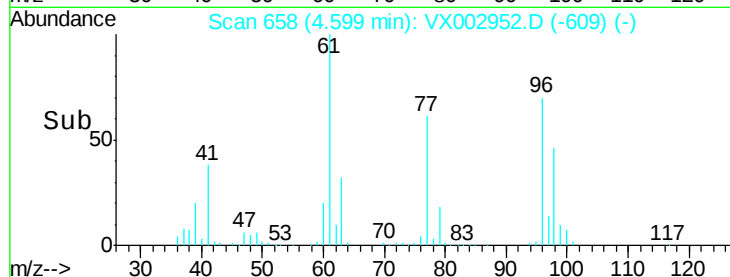
98 64.9 0.0 130.2



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: 49.75 ug/l

RT: 5.02 min Scan# 727

Delta R.T. -0.01 min

Lab File: VX002952.D

Acq: 27 Jun 2018 22:41

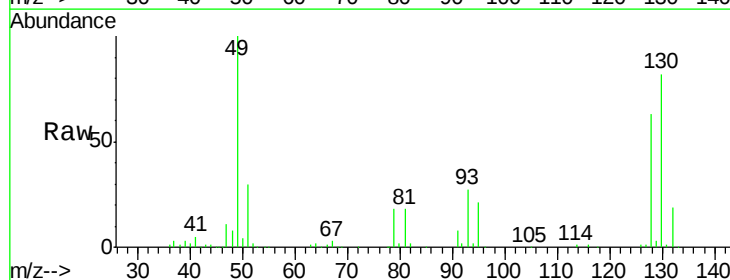
Tgt Ion: 49 Resp: 129892

Ion Ratio Lower Upper

49 100

129 2.3 0.0 4.2

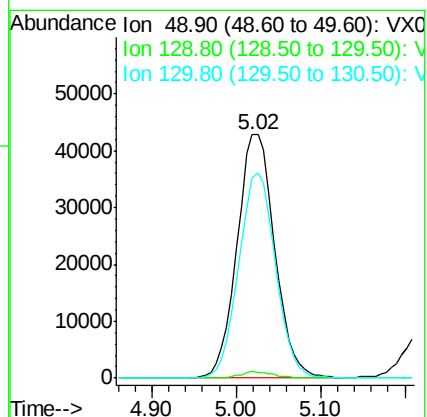
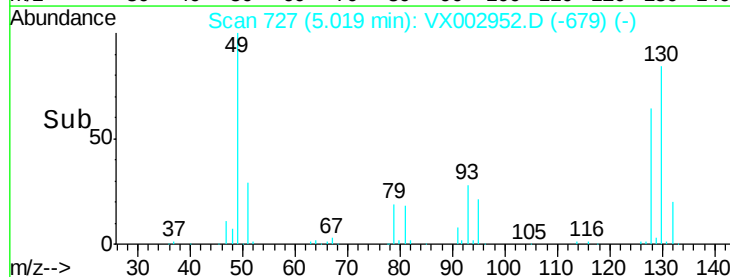
130 82.2 61.2 91.8

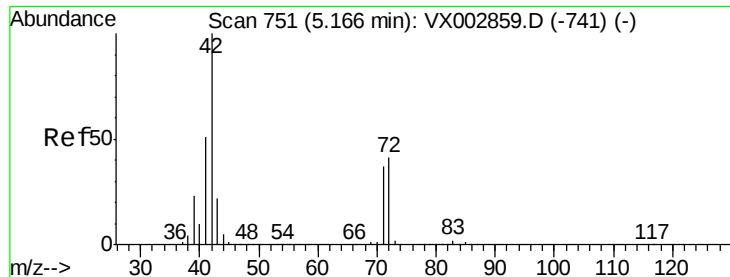


Abundance Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

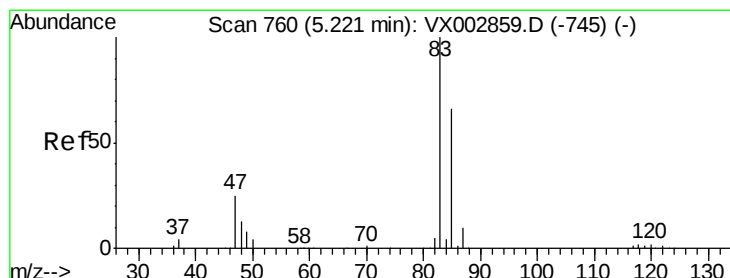
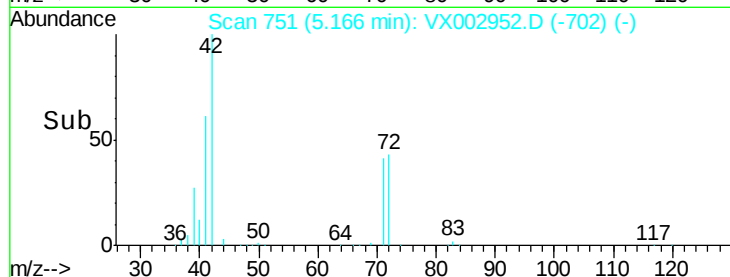
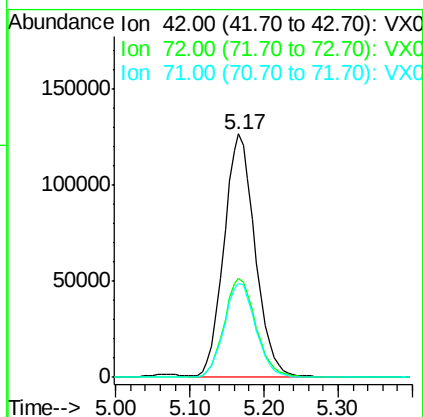
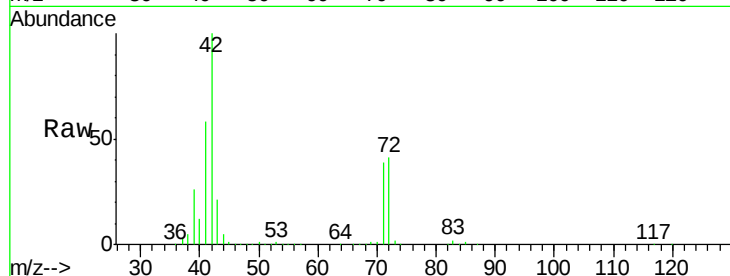




#29
Tetrahydrofuran
Concen: 249.81 ug/l
RT: 5.17 min Scan# 751
Delta R.T. -0.00 min
Lab File: VX002952.D
Acq: 27 Jun 2018 22:41

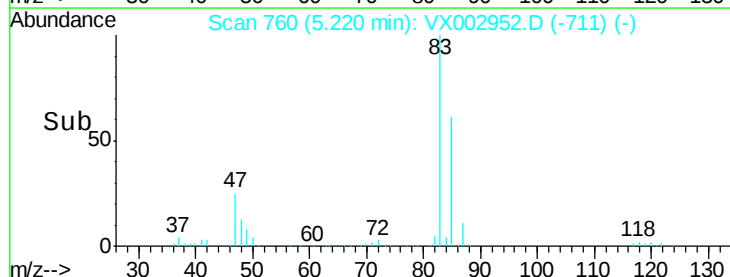
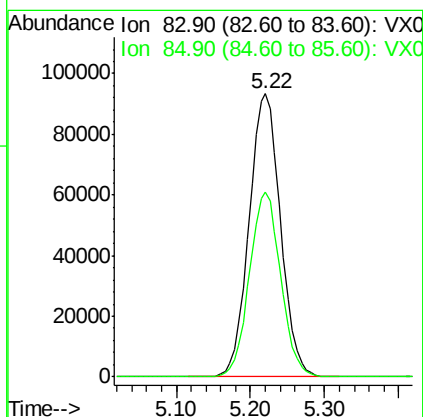
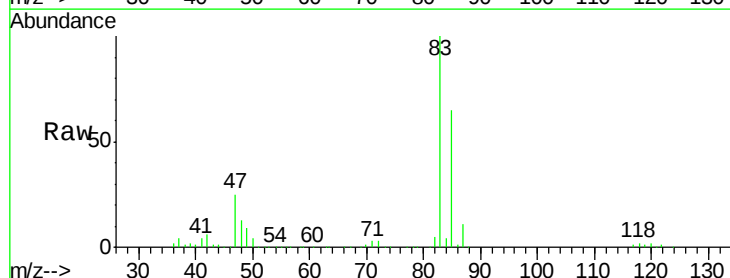
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

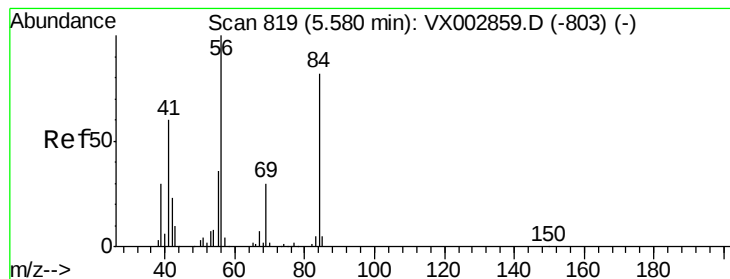
Tot Ion: 42 Resp: 367555
Ion Ratio Lower Upper
42 100
72 41.8 32.0 48.0
71 39.3 30.1 45.1



#30
Chloroform
Concen: 49.36 ug/l
RT: 5.22 min Scan# 760
Delta R.T. -0.00 min
Lab File: VX002952.D
Acq: 27 Jun 2018 22:41

Tgt Ion: 83 Resp: 276329
Ion Ratio Lower Upper
83 100
85 65.4 50.4 75.6





#31

Cyclohexane

Concen: 51.10 ug/l

RT: 5.58 min Scan# 819

Delta R.T. -0.00 min

Lab File: VX002952.D

Acq: 27 Jun 2018 22:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

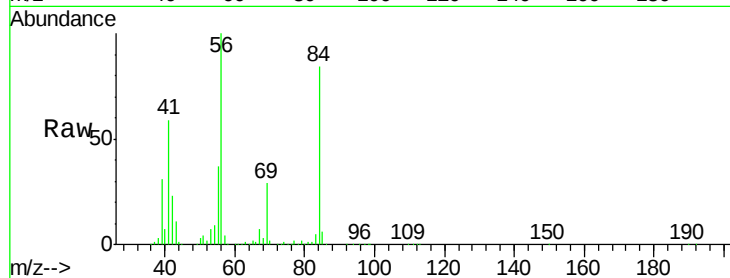
Tot Ion: 56 Resp: 239246

Ion Ratio Lower Upper

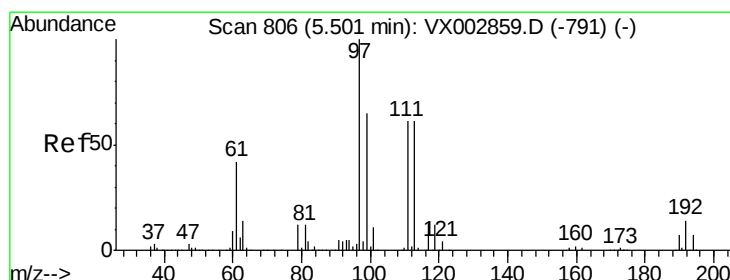
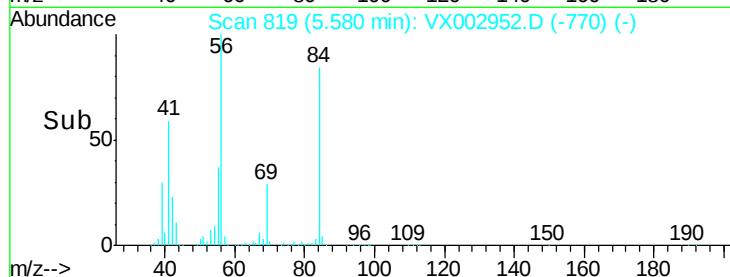
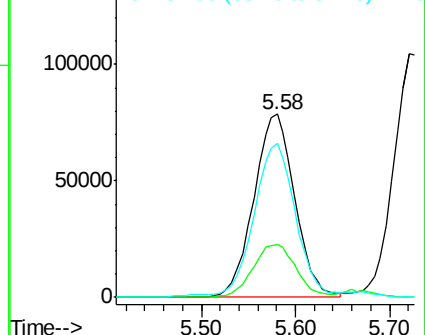
56 100

69 29.0 23.7 35.5

84 82.8 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: 50.21 ug/l

RT: 5.49 min Scan# 805

Delta R.T. -0.01 min

Lab File: VX002952.D

Acq: 27 Jun 2018 22:41

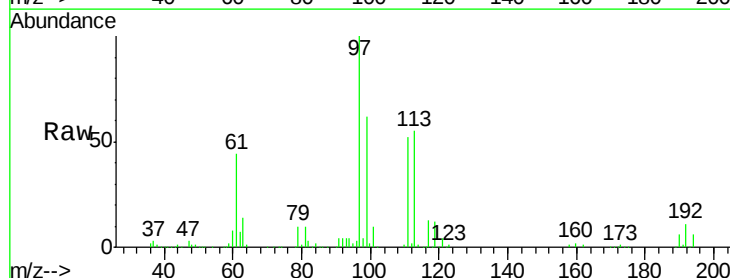
Tgt Ion: 97 Resp: 247292

Ion Ratio Lower Upper

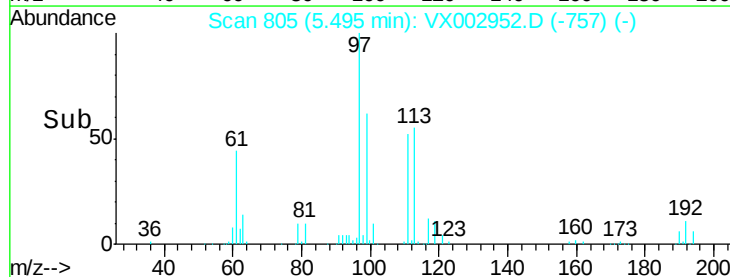
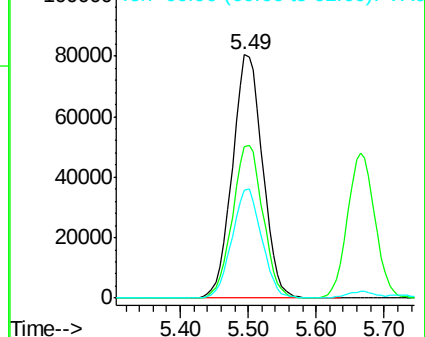
97 100

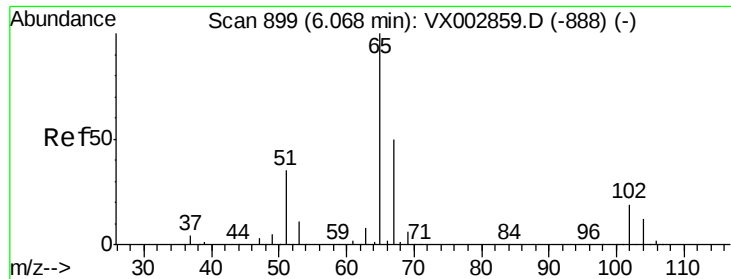
99 63.3 51.6 77.4

61 44.4 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: 48.91 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.01 min

Lab File: VX002952.D

Acq: 27 Jun 2018 22:41

Instrument :

MSVOA_X

ClientSampleId :

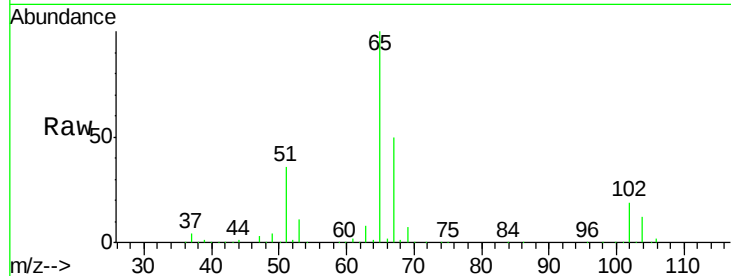
VSTDCCC050

Tot Ion: 65 Resp: 182573

Ion Ratio Lower Upper

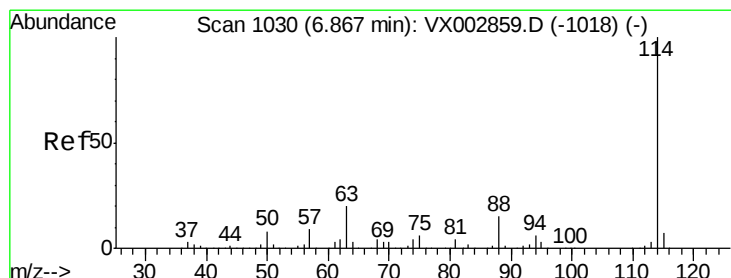
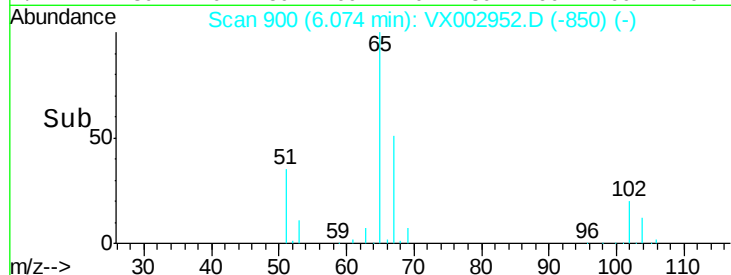
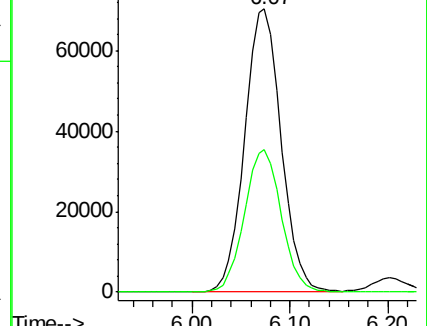
65 100

67 50.8 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: 6.87 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VX002952.D

Acq: 27 Jun 2018 22:41

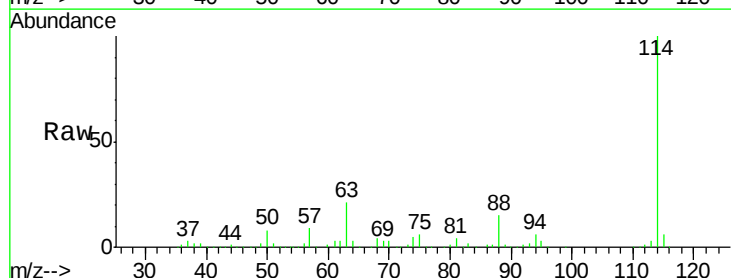
Tgt Ion: 114 Resp: 368084

Ion Ratio Lower Upper

114 100

63 20.5 0.0 41.4

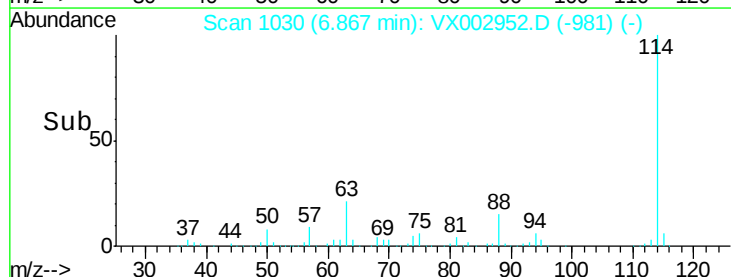
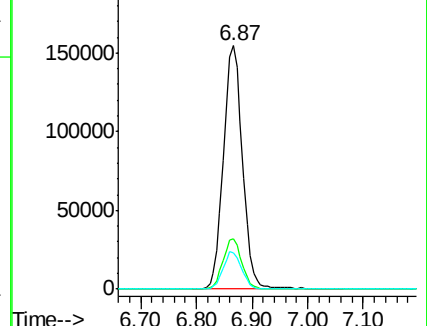
88 15.0 0.0 30.0

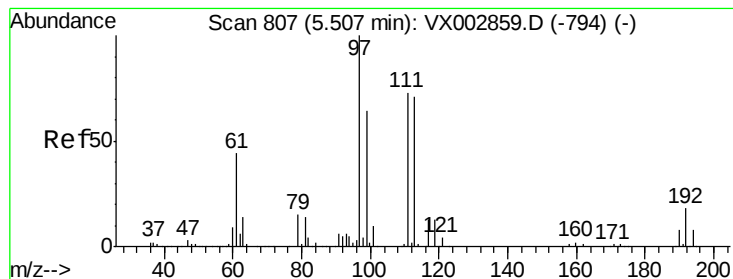


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 50.66 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.00 min

Lab File: VX002952.D

Acq: 27 Jun 2018 22:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

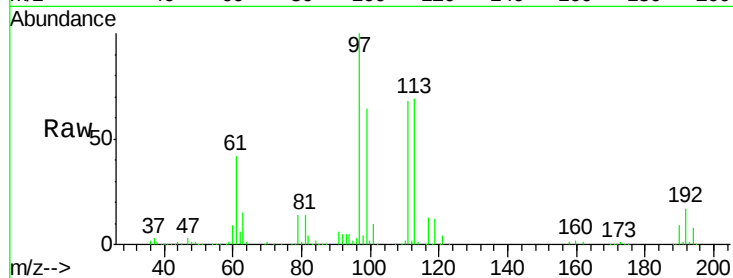
Tot Ion:113 Resp: 147664

Ion Ratio Lower Upper

113 100

111 101.1 81.4 122.0

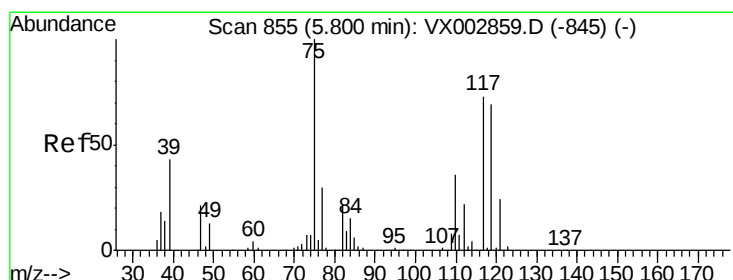
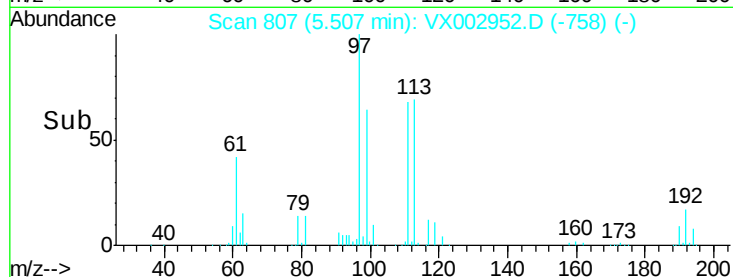
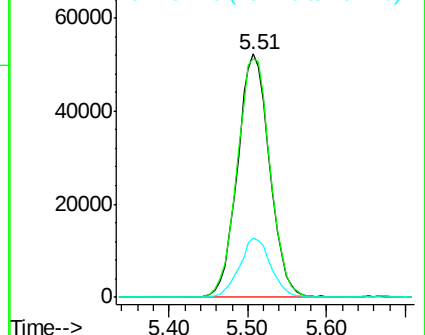
192 24.0 19.1 28.7



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: 50.41 ug/l

RT: 5.80 min Scan# 855

Delta R.T. -0.00 min

Lab File: VX002952.D

Acq: 27 Jun 2018 22:41

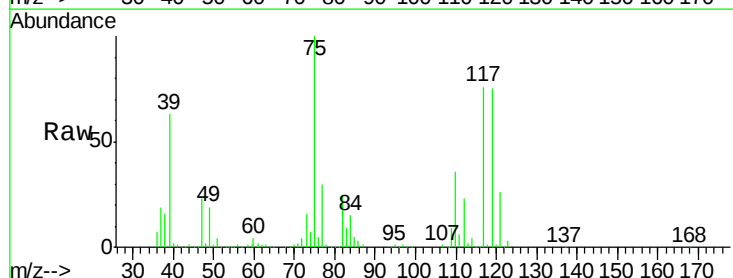
Tgt Ion: 75 Resp: 203499

Ion Ratio Lower Upper

75 100

110 36.9 18.1 54.4

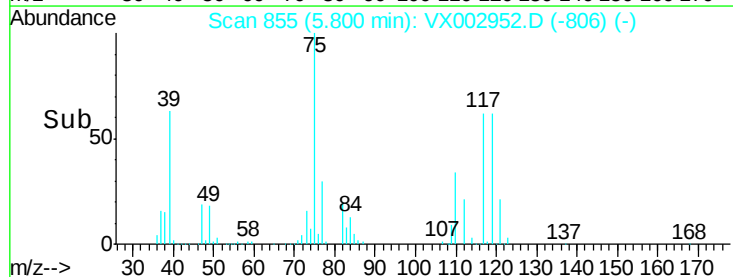
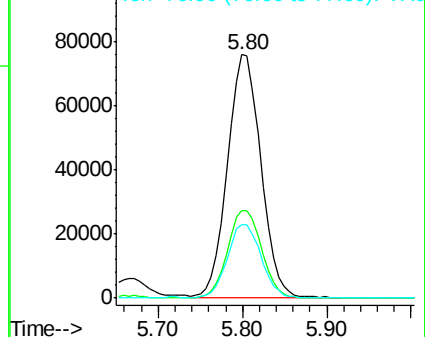
77 30.7 24.3 36.5

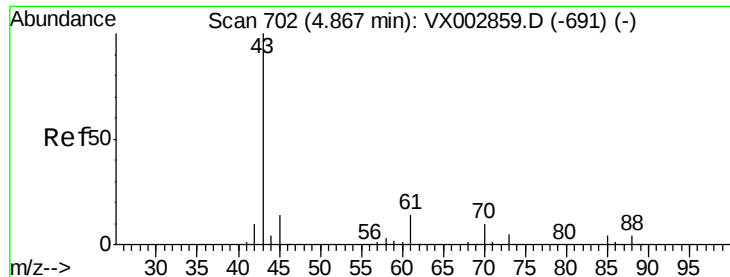


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#37

Ethyl Acetate

Concen: 52.03 ug/l

RT: 4.87 min Scan# 702

Delta R.T. -0.00 min

Lab File: VX002952.D

Acq: 27 Jun 2018 22:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

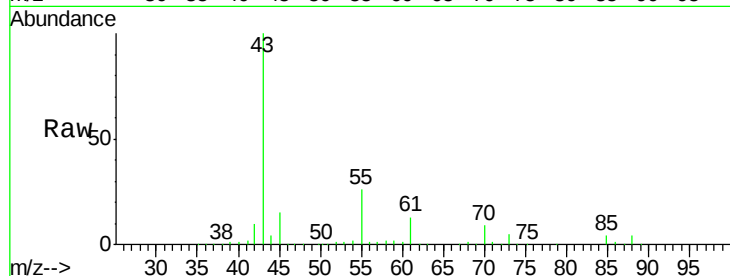
Tot Ion: 43 Resp: 226150

Ion Ratio Lower Upper

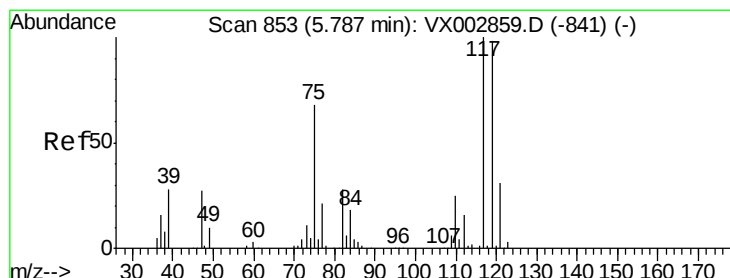
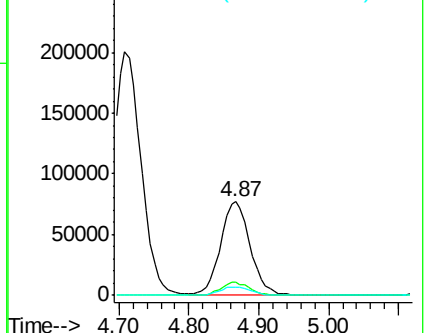
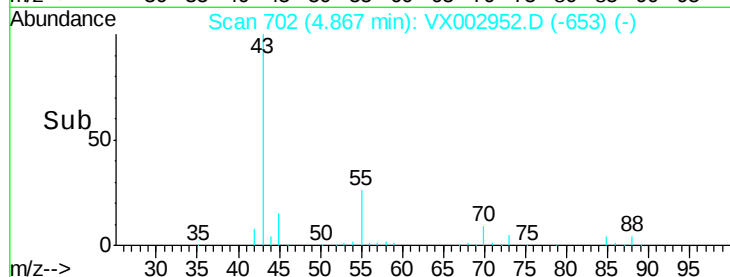
43 100

61 13.3 10.4 15.6

70 9.6 7.6 11.4



Abundance Ion 43.00 (42.70 to 43.70): VX002952.D (-653) (-)



#38

Carbon Tetrachloride

Concen: 50.32 ug/l

RT: 5.79 min Scan# 853

Delta R.T. -0.00 min

Lab File: VX002952.D

Acq: 27 Jun 2018 22:41

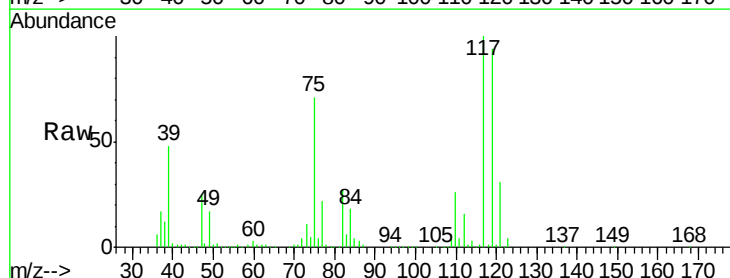
Tgt Ion: 117 Resp: 222897

Ion Ratio Lower Upper

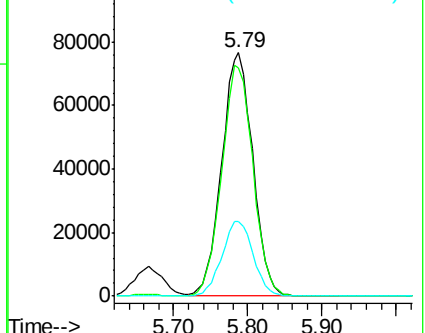
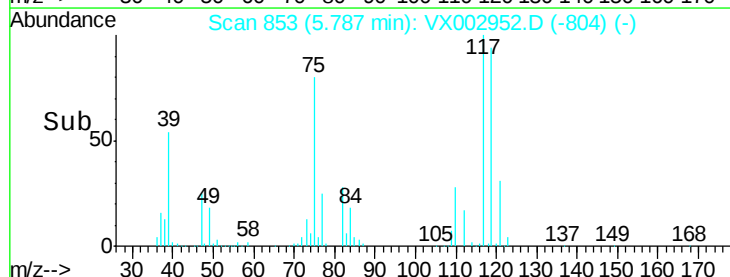
117 100

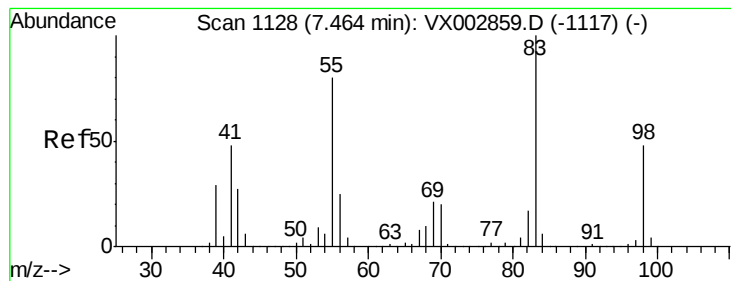
119 93.7 77.4 116.0

121 30.9 24.4 36.6



Abundance Ion 116.80 (116.50 to 117.50): VX002952.D (-804) (-)

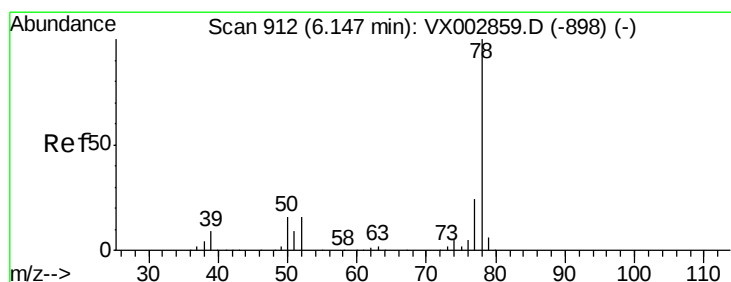
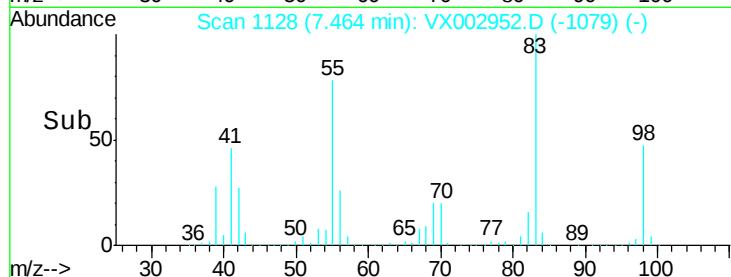
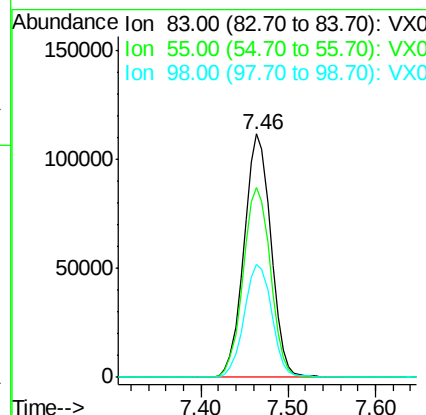
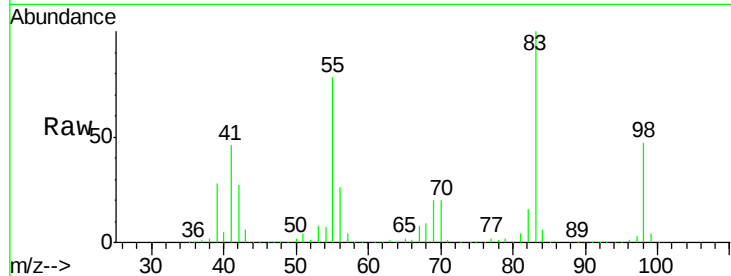




#39
Methvlcvclohexane
Concen: 51.07 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VX002952.D
Acq: 27 Jun 2018 22:41

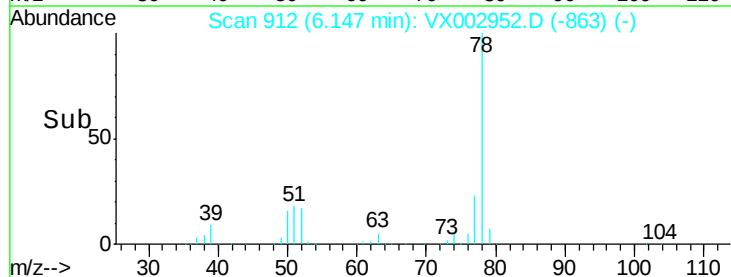
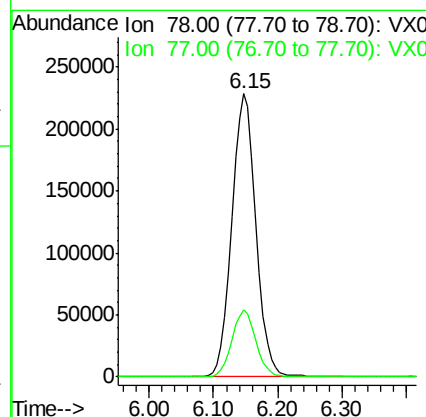
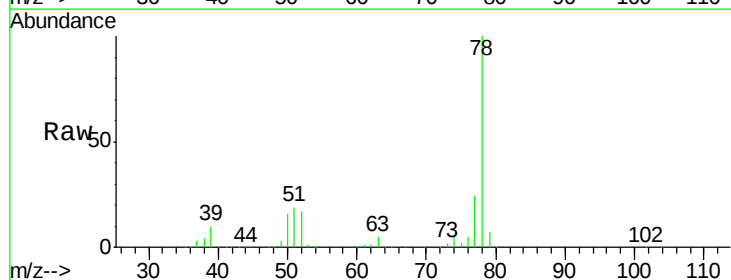
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

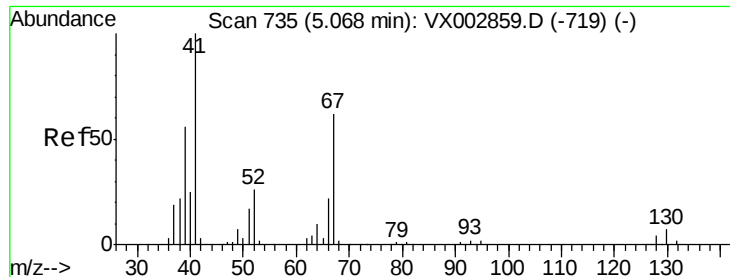
Tot Ion: 83 Resp: 240112
Ion Ratio Lower Upper
83 100
55 78.2 65.4 98.0
98 46.6 37.4 56.0



#40
Benzene
Concen: 51.21 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.00 min
Lab File: VX002952.D
Acq: 27 Jun 2018 22:41

Tgt Ion: 78 Resp: 600639
Ion Ratio Lower Upper
78 100
77 23.5 19.1 28.7





#41

Methacrylonitrile

Concen: 50.49 ug/l

RT: 5.07 min Scan# 735

Delta R.T. -0.00 min

Lab File: VX002952.D

Acq: 27 Jun 2018 22:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 41 Resp: 126371

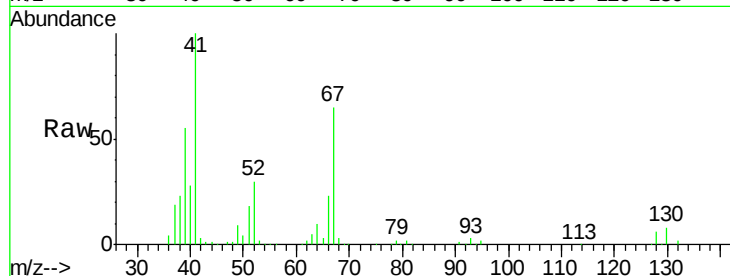
Ion Ratio Lower Upper

41 100

39 56.2 45.8 68.6

67 66.4 51.3 76.9

52 28.8 23.0 34.6

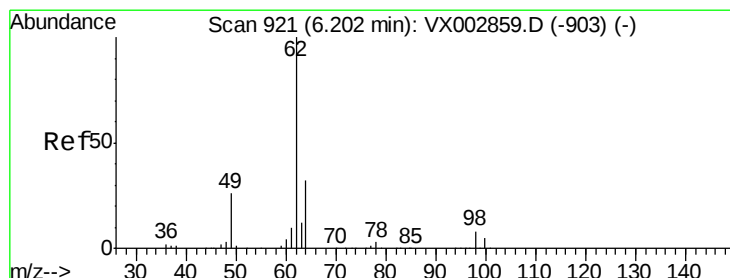
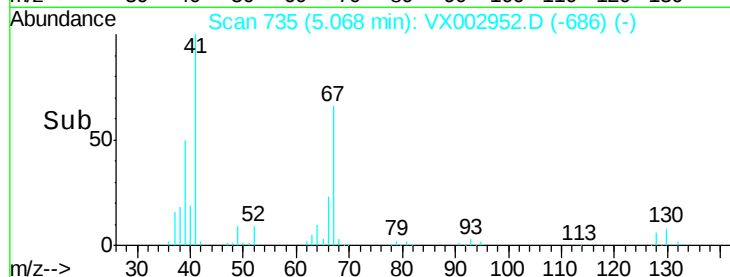
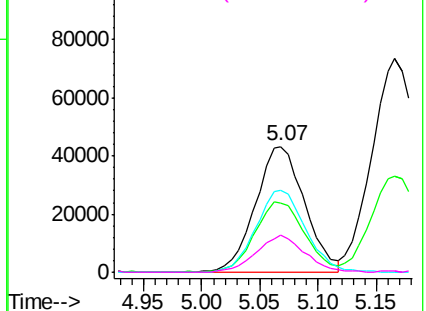


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 48.94 ug/l

RT: 6.20 min Scan# 921

Delta R.T. -0.00 min

Lab File: VX002952.D

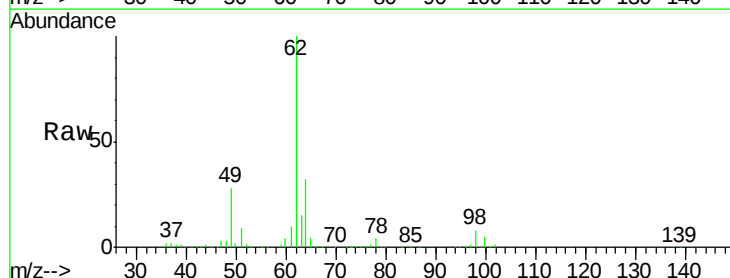
Acq: 27 Jun 2018 22:41

Tgt Ion: 62 Resp: 231879

Ion Ratio Lower Upper

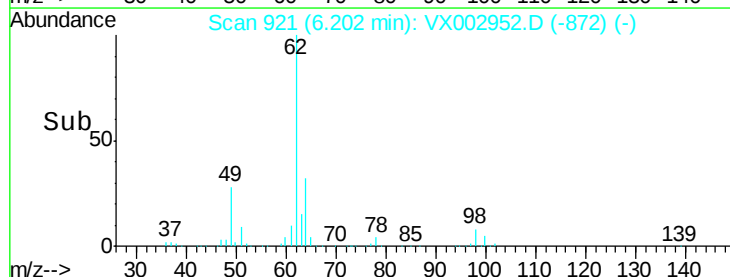
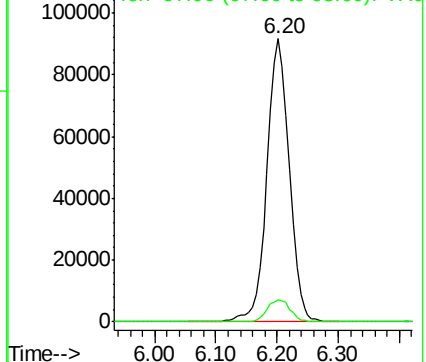
62 100

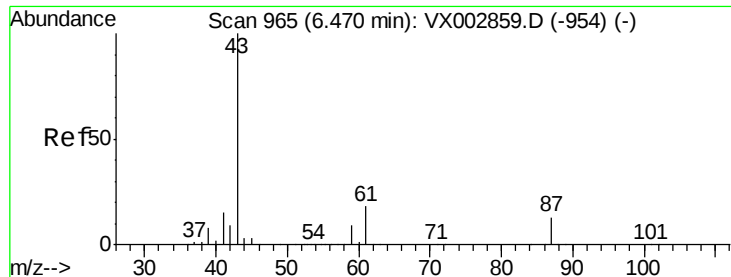
98 8.2 0.0 16.6



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



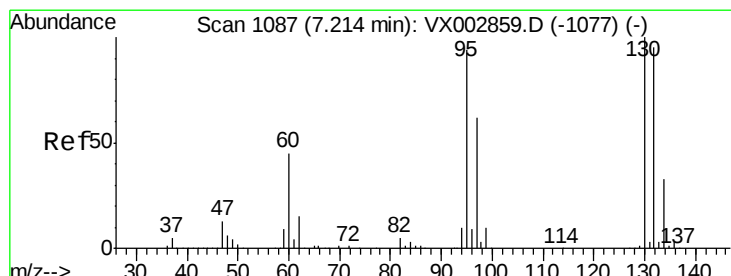
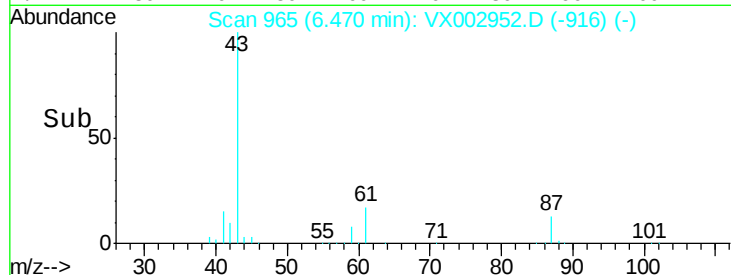
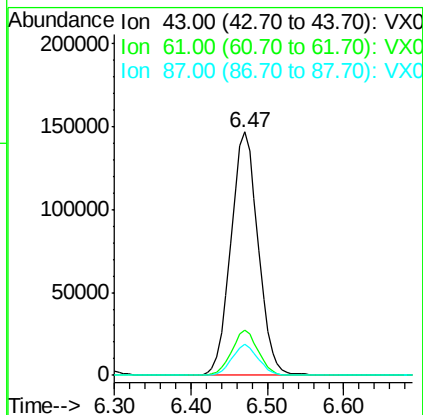
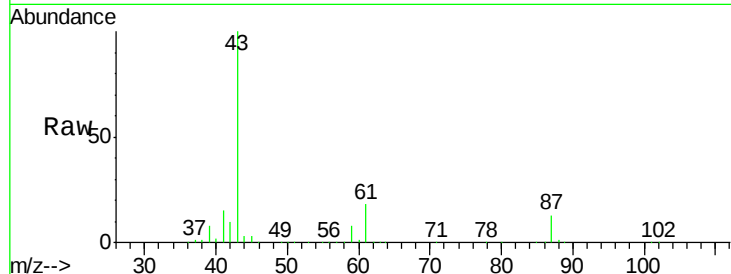


#43

Isopropyl Acetate
 Concen: 49.57 ug/l
 RT: 6.47 min Scan# 965
 Delta R.T. -0.00 min
 Lab File: VX002952.D
 Acq: 27 Jun 2018 22:41

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

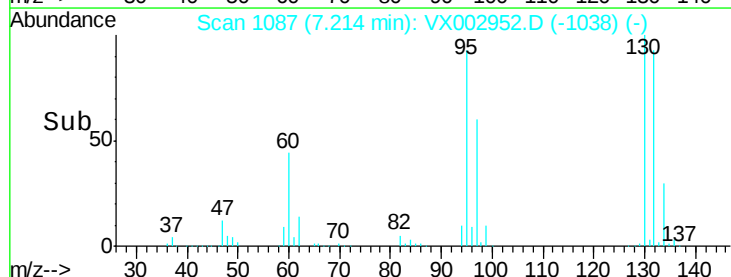
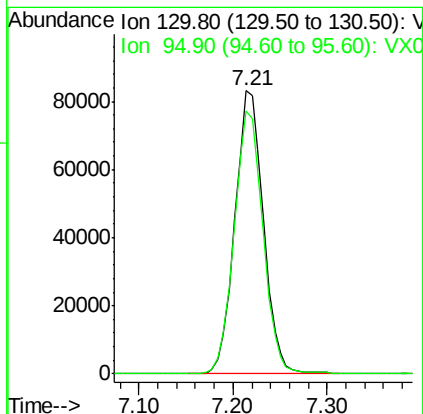
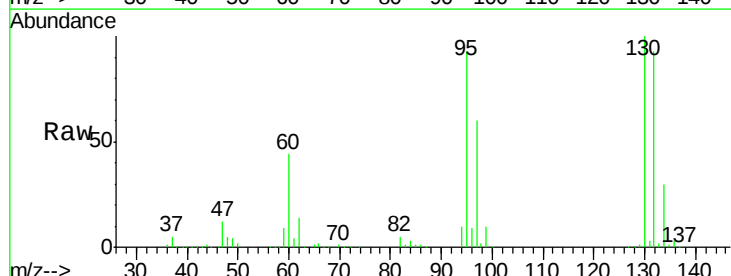
Tot Ion	43	Resp	361332
Ion Ratio	Lower	Upper	
43	100		
61	18.1	14.4	21.6
87	12.2	9.5	14.3

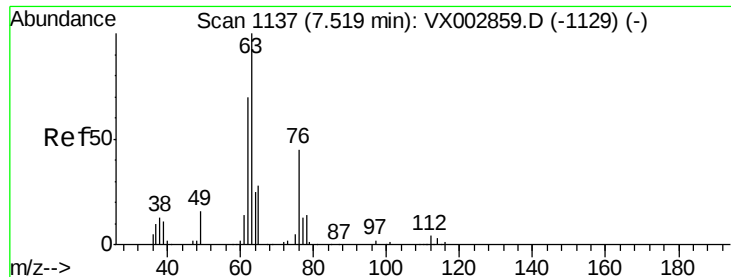


#44

Trichloroethene
 Concen: 50.05 ug/l
 RT: 7.21 min Scan# 1087
 Delta R.T. -0.00 min
 Lab File: VX002952.D
 Acq: 27 Jun 2018 22:41

Tgt Ion	130	Resp	174994
Ion Ratio	Lower	Upper	
130	100		
95	92.8	0.0	185.4





#45

1,2-Dichloropropane

Concen: 49.82 ug/l

RT: 7.52 min Scan# 1137

Delta R.T. -0.00 min

Lab File: VX002952.D

Acq: 27 Jun 2018 22:41

Instrument :

MSVOA_X

ClientSampleId :

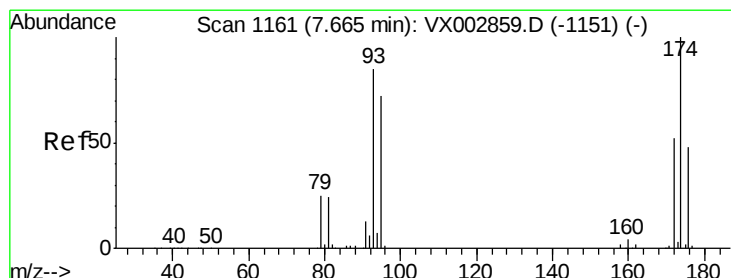
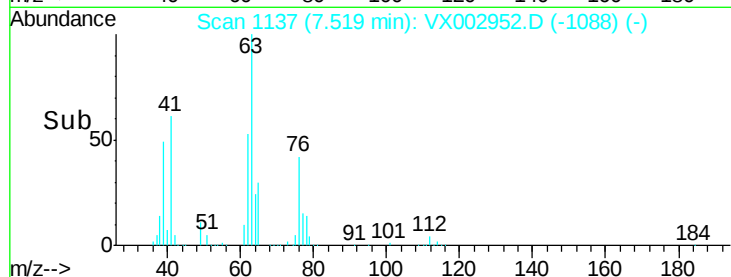
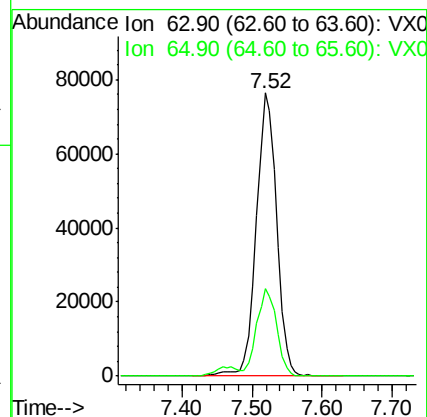
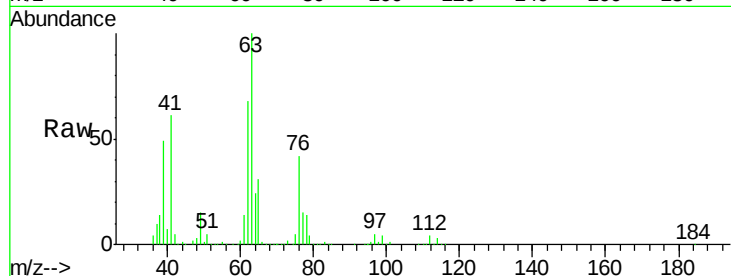
VSTDCCC050

Tot Ion: 63 Resp: 154995

Ion Ratio Lower Upper

63 100

65 31.1 24.7 37.1



#46

Dibromomethane

Concen: 49.48 ug/l

RT: 7.67 min Scan# 1161

Delta R.T. -0.00 min

Lab File: VX002952.D

Acq: 27 Jun 2018 22:41

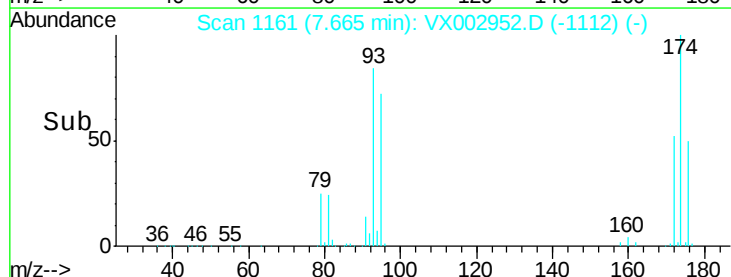
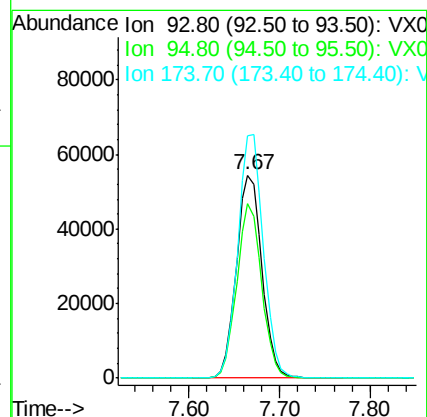
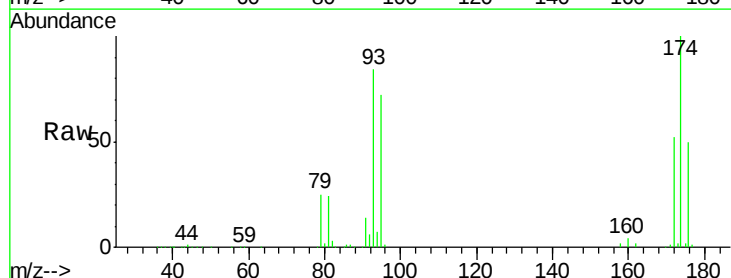
Tgt Ion: 93 Resp: 106828

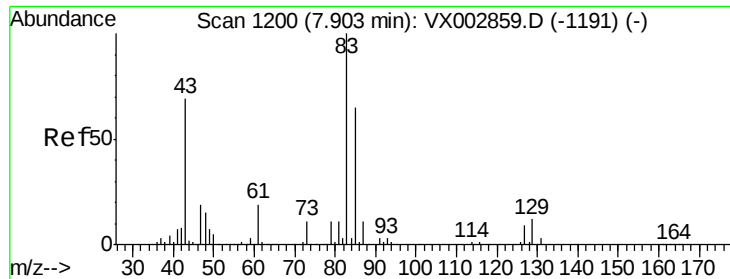
Ion Ratio Lower Upper

93 100

95 83.6 65.9 98.9

174 119.9 92.4 138.6





#47

Bromodichloromethane

Concen: 50.67 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.00 min

Lab File: VX002952.D

Acq: 27 Jun 2018 22:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

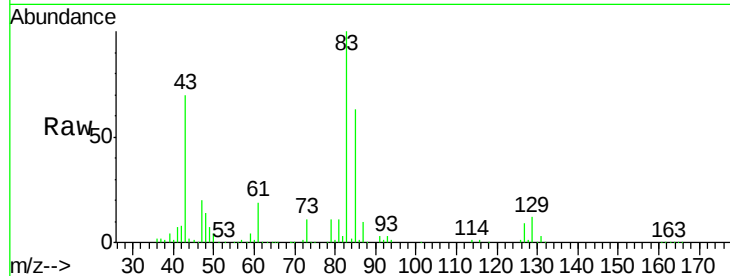
Tot Ion: 83 Resp: 202247

Ion Ratio Lower Upper

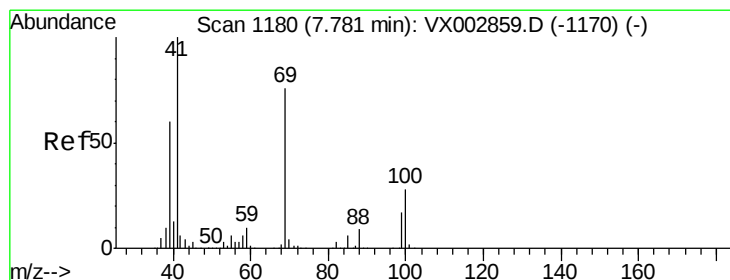
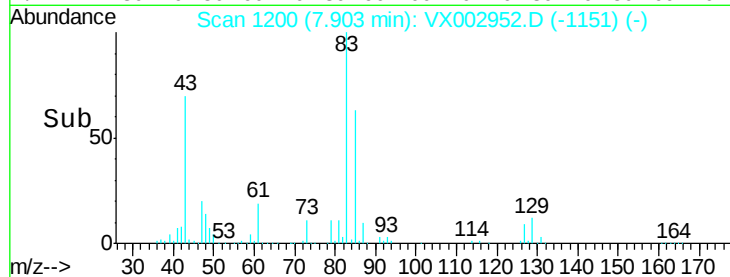
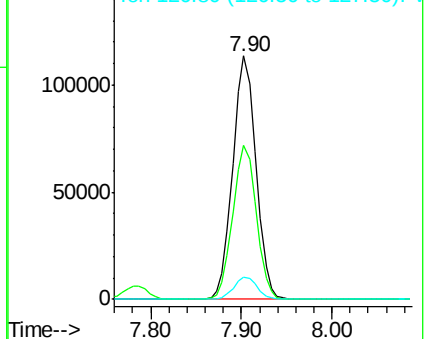
83 100

85 63.4 50.3 75.5

127 9.4 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: 50.59 ug/l

RT: 7.78 min Scan# 1180

Delta R.T. -0.00 min

Lab File: VX002952.D

Acq: 27 Jun 2018 22:41

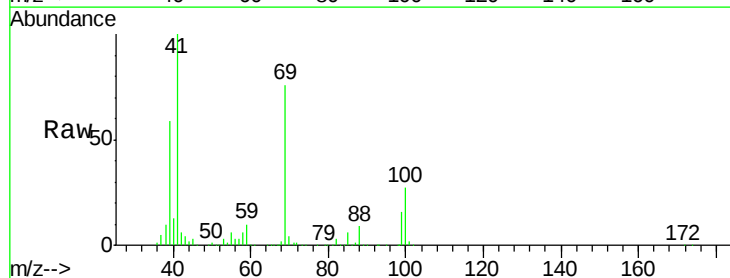
Tgt Ion: 41 Resp: 189997

Ion Ratio Lower Upper

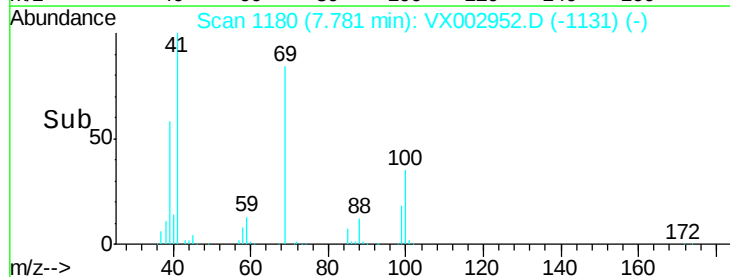
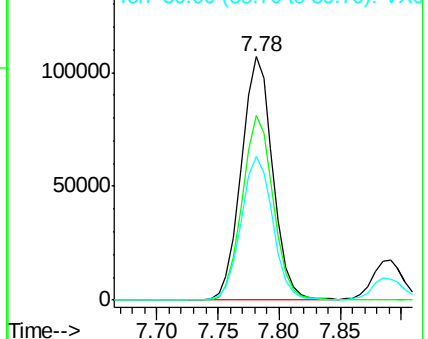
41 100

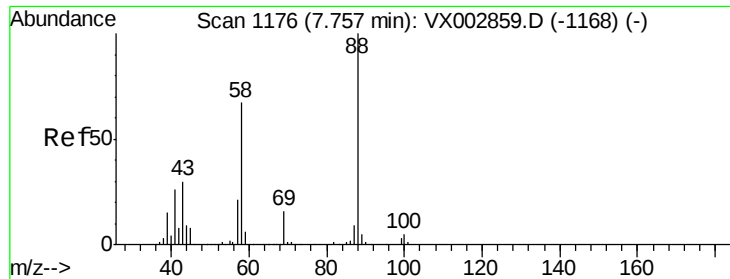
69 75.3 59.1 88.7

39 59.5 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

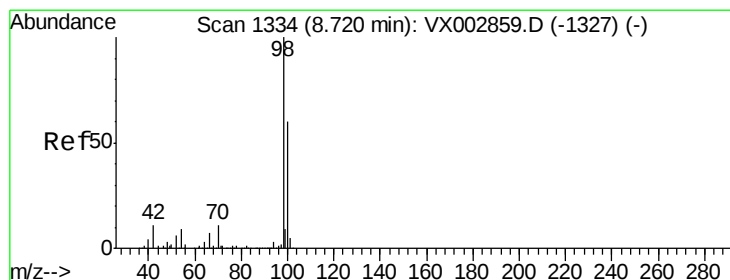
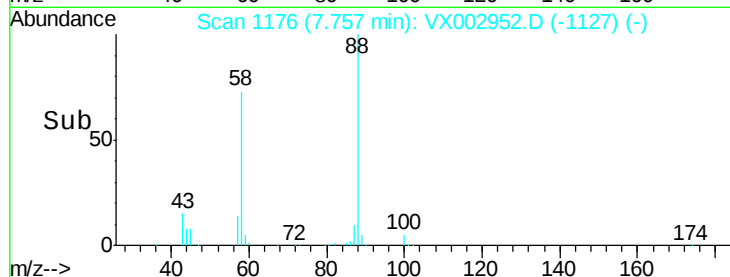
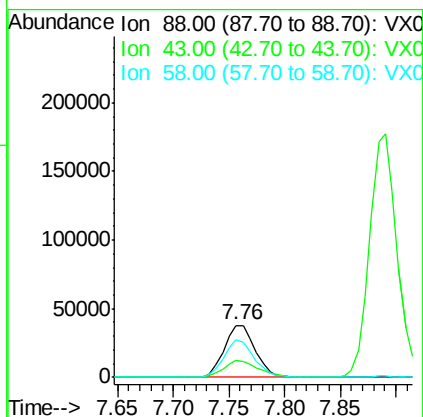
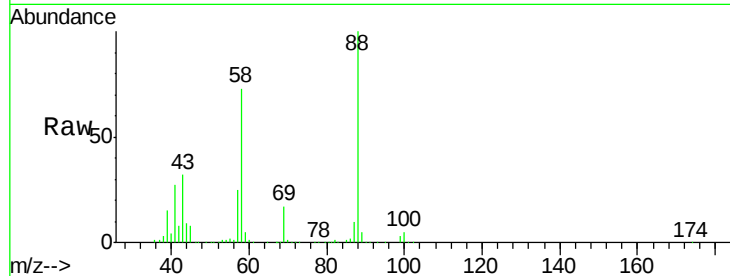




#49
1,4-Dioxane
Concen: 1002.24 ug/l
RT: 7.76 min Scan# 1176
Delta R.T. -0.00 min
Lab File: VX002952.D
Acq: 27 Jun 2018 22:41

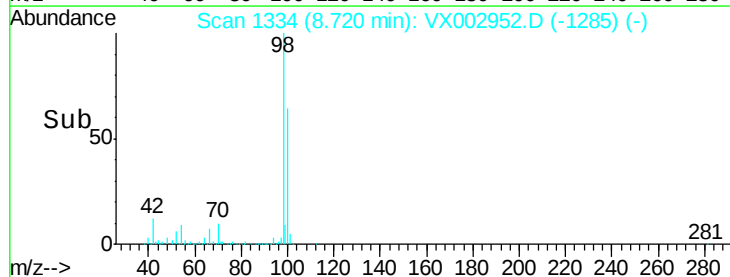
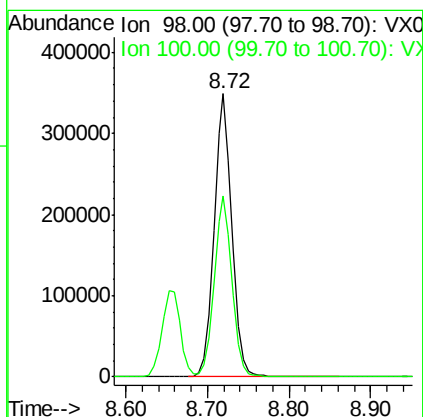
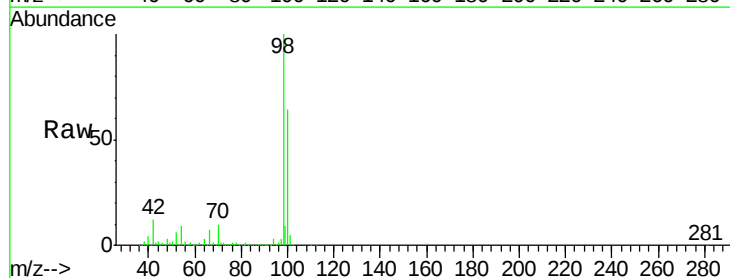
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

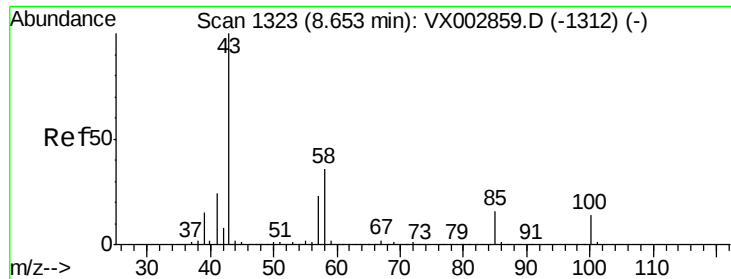
Tot Ion	88	Resp	73234
Ion	Ratio	Lower	Upper
88	100		
43	34.8	29.8	44.6
58	70.4	57.1	85.7



#50
Toluene-d8
Concen: 50.06 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX002952.D
Acq: 27 Jun 2018 22:41

Tgt Ion	98	Resp	532817
Ion	Ratio	Lower	Upper
98	100		
100	64.3	50.9	76.3

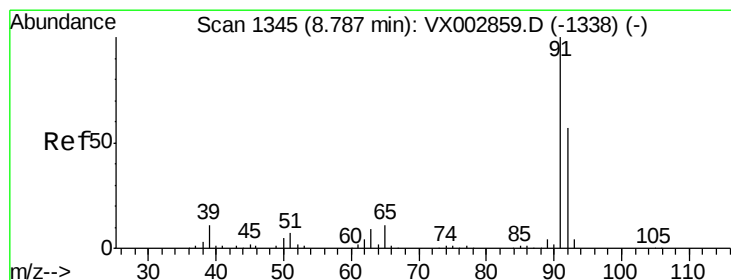
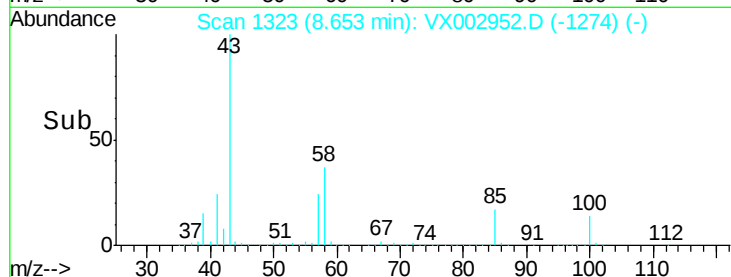
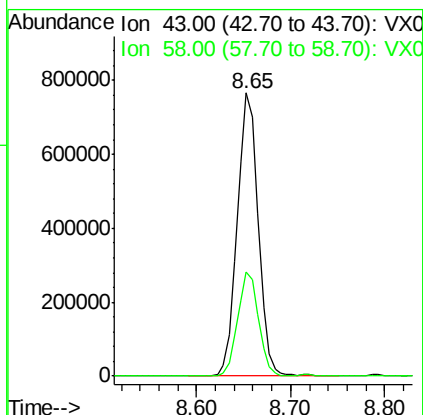
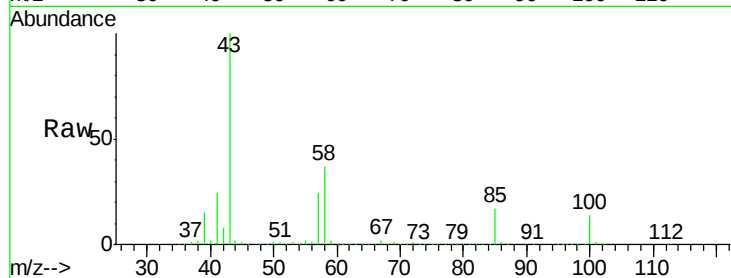




#51
4-Methyl-2-Pentanone
Concen: 259.26 ug/l
RT: 8.65 min Scan# 1323
Delta R.T. -0.00 min
Lab File: VX002952.D
Acq: 27 Jun 2018 22:41

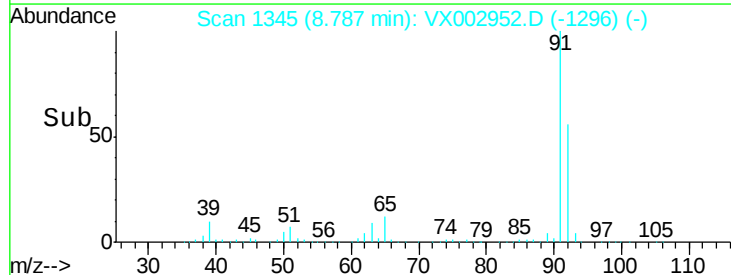
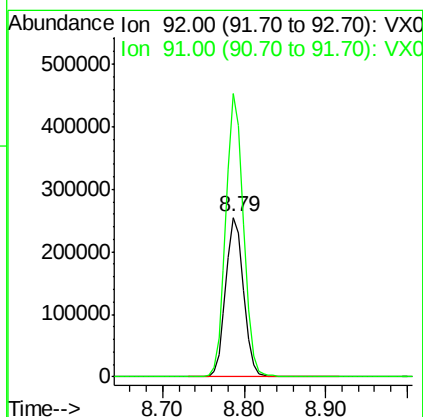
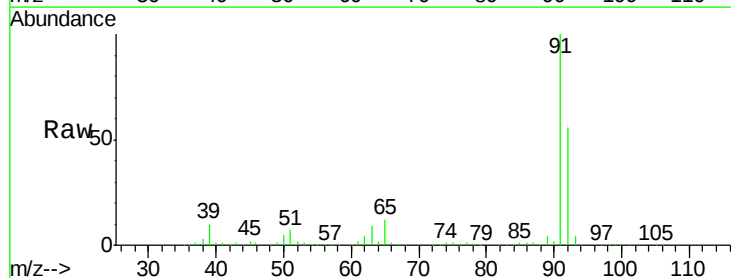
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

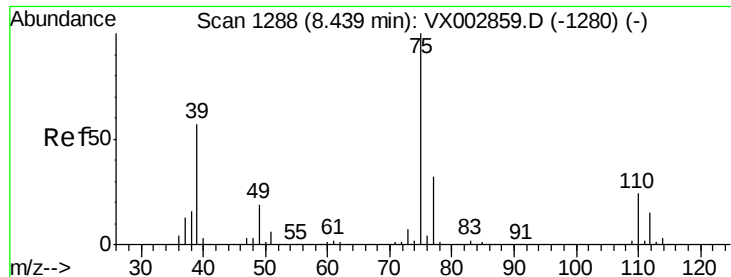
Tot Ion: 43 Resp: 1182333
Ion Ratio Lower Upper
43 100
58 36.6 28.6 42.8



#52
Toluene
Concen: 51.47 ug/l
RT: 8.79 min Scan# 1345
Delta R.T. -0.00 min
Lab File: VX002952.D
Acq: 27 Jun 2018 22:41

Tgt Ion: 92 Resp: 386702
Ion Ratio Lower Upper
92 100
91 174.9 140.4 210.6





#53

t-1,3-Dichloropropene

Concen: 51.22 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. -0.00 min

Lab File: VX002952.D

Acq: 27 Jun 2018 22:41

Instrument :

MSVOA_X

ClientSampleId :

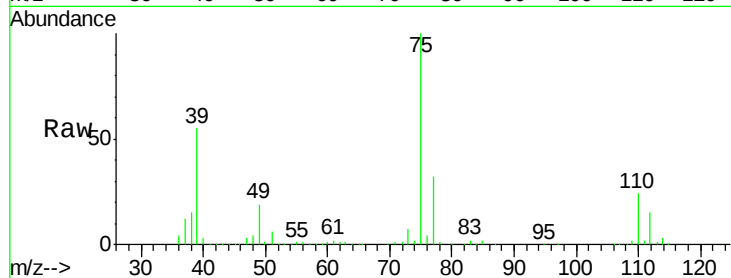
VSTDCCC050

Tot Ion: 75 Resp: 231526

Ion Ratio Lower Upper

75 100

77 32.1 25.4 38.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

8.44

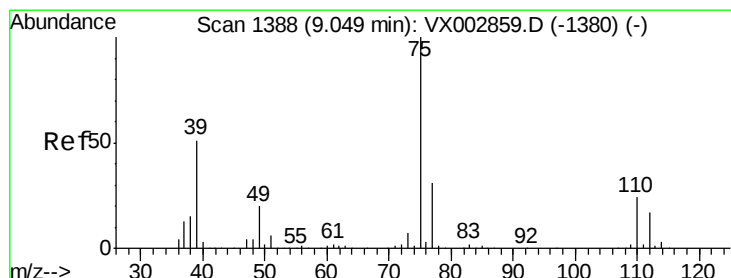
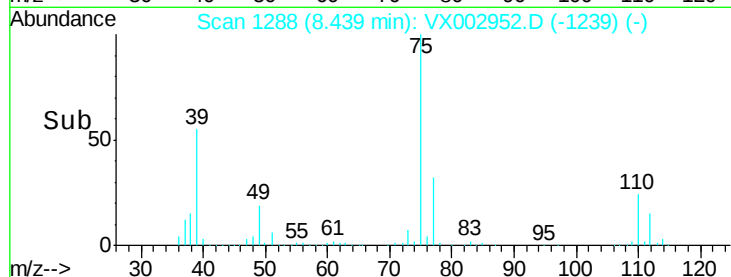
150000

100000

50000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 49.48 ug/l

RT: 9.04 min Scan# 1387

Delta R.T. -0.01 min

Lab File: VX002952.D

Acq: 27 Jun 2018 22:41

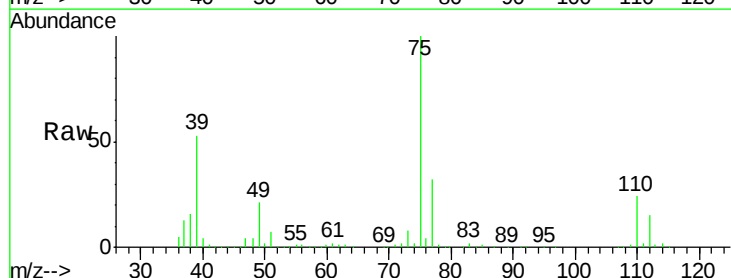
Tgt Ion: 75 Resp: 215195

Ion Ratio Lower Upper

75 100

77 32.0 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

9.04

200000

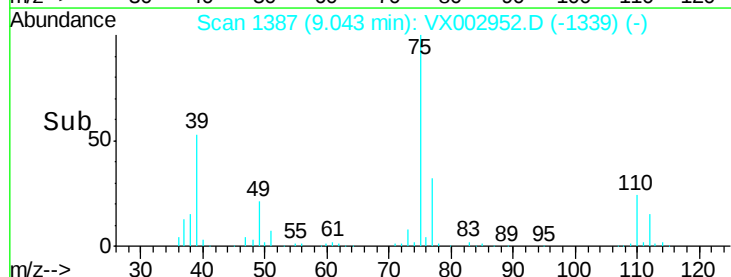
150000

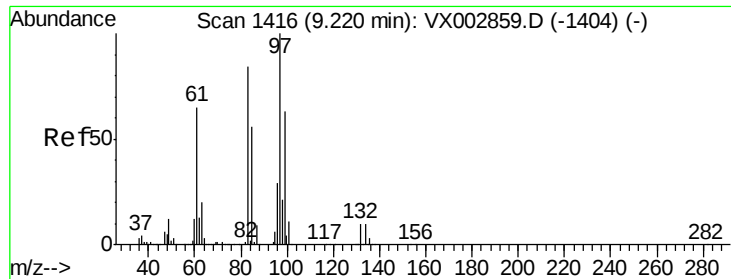
100000

50000

0

Time-->





#55

1,1,2-Trichloroethane

Concen: 50.44 ug/l

RT: 9.22 min Scan# 1416

Delta R.T. -0.00 min

Lab File: VX002952.D

Acq: 27 Jun 2018 22:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 97 Resp: 155726

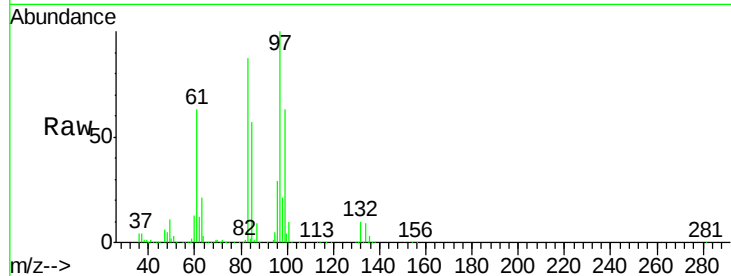
Ion Ratio Lower Upper

97 100

83 86.5 70.2 105.2

85 56.8 44.9 67.3

99 63.5 49.8 74.8

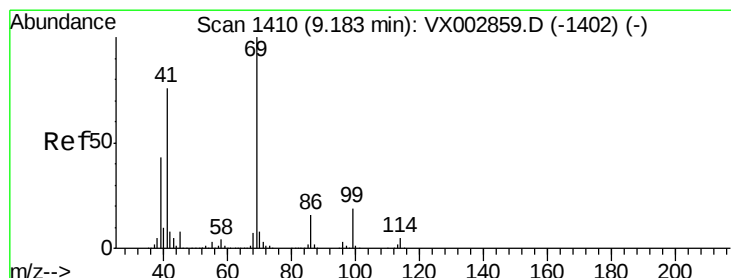
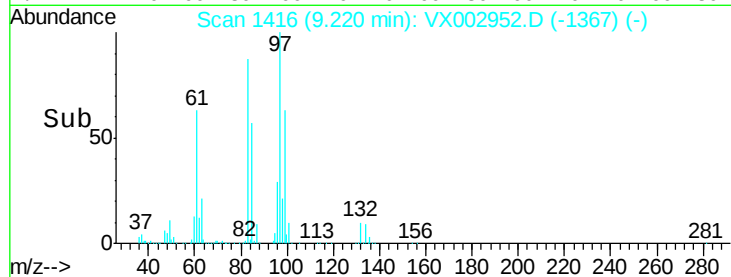
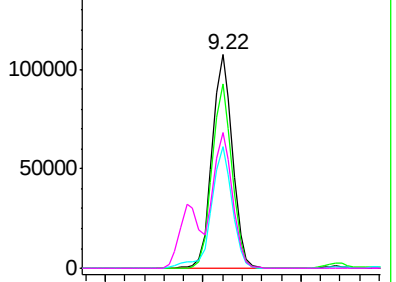


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 52.71 ug/l

RT: 9.18 min Scan# 1410

Delta R.T. -0.00 min

Lab File: VX002952.D

Acq: 27 Jun 2018 22:41

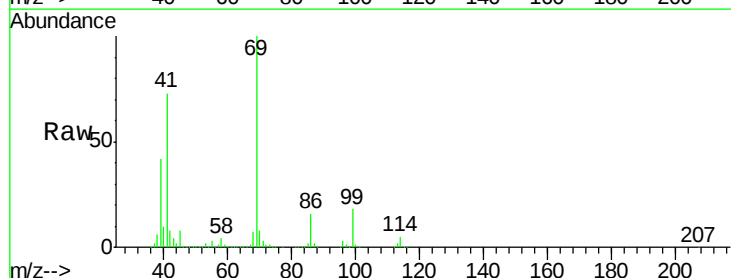
Tgt Ion: 69 Resp: 237851

Ion Ratio Lower Upper

69 100

41 72.2 60.3 90.5

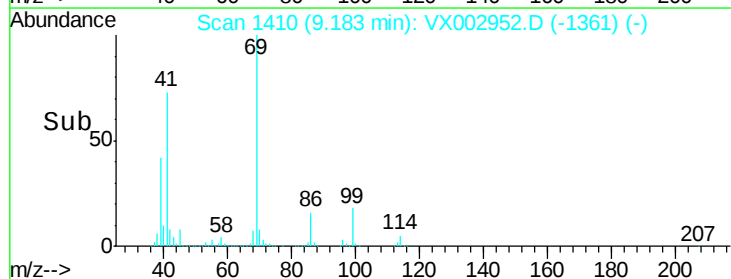
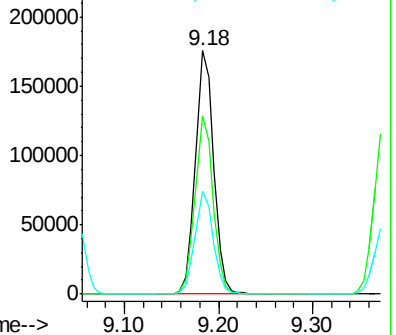
39 42.4 35.8 53.8

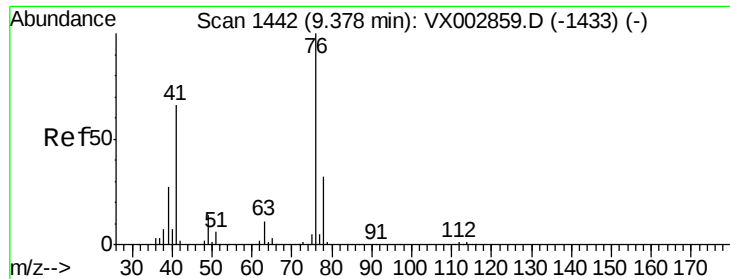


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 50.16 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. -0.00 min

Lab File: VX002952.D

Acq: 27 Jun 2018 22:41

Instrument :

MSVOA_X

ClientSampleId :

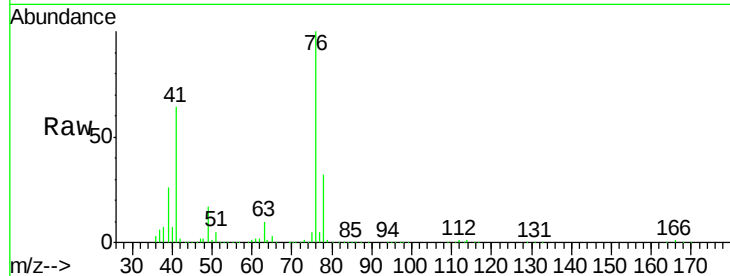
VSTDCCC050

Tot Ion: 76 Resp: 254362

Ion Ratio Lower Upper

76 100

78 32.3 25.8 38.6



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.38

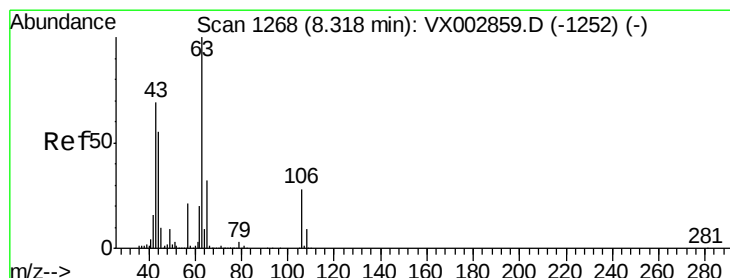
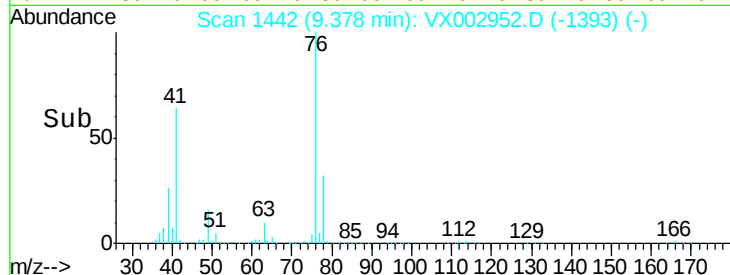
150000

100000

50000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 254.65 ug/l

RT: 8.32 min Scan# 1268

Delta R.T. -0.00 min

Lab File: VX002952.D

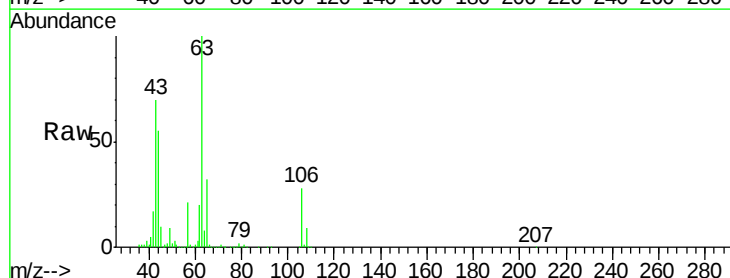
Acq: 27 Jun 2018 22:41

Tgt Ion: 63 Resp: 554340

Ion Ratio Lower Upper

63 100

106 28.1 21.8 32.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

8.32

400000

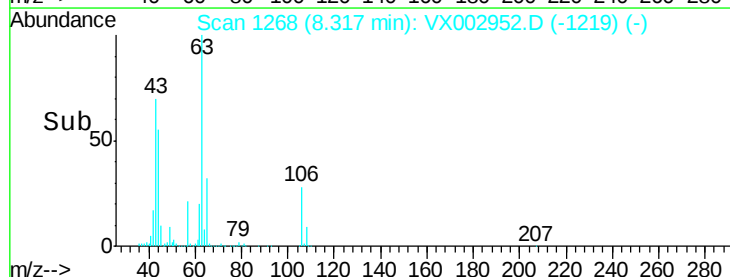
300000

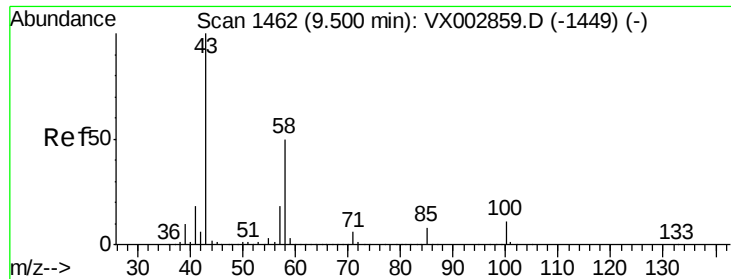
200000

100000

0

Time-->

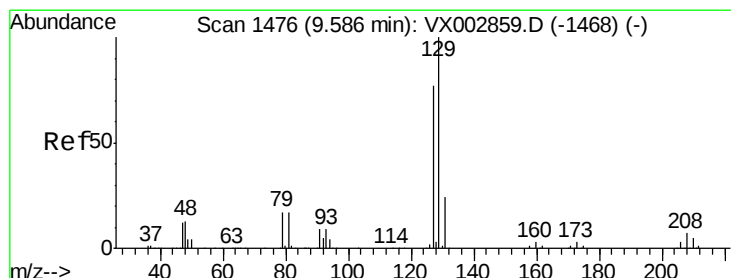
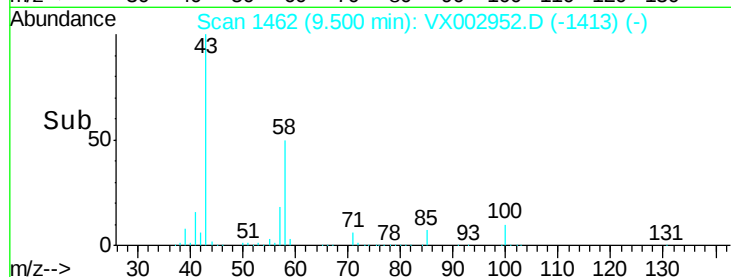
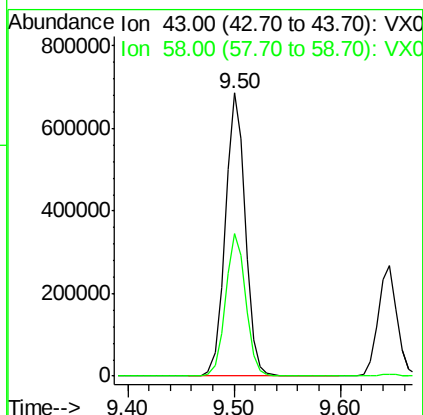
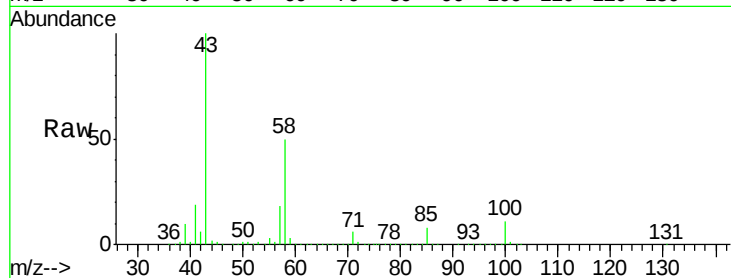




#59
2-Hexanone
Concen: 260.37 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. -0.00 min
Lab File: VX002952.D
Acq: 27 Jun 2018 22:41

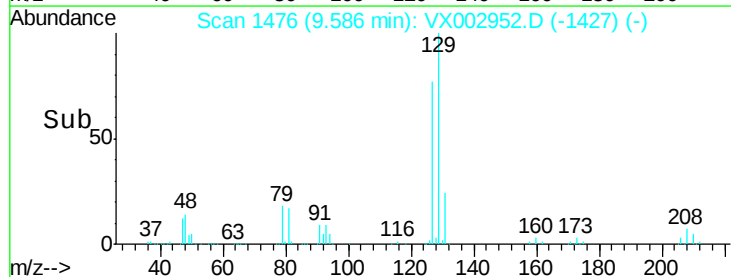
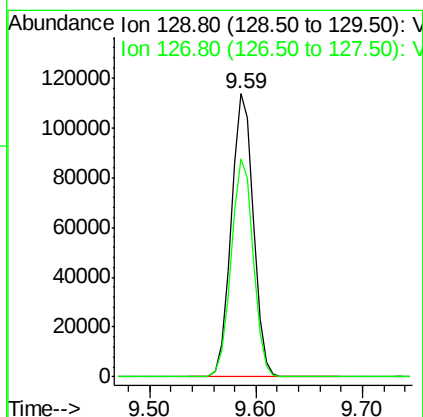
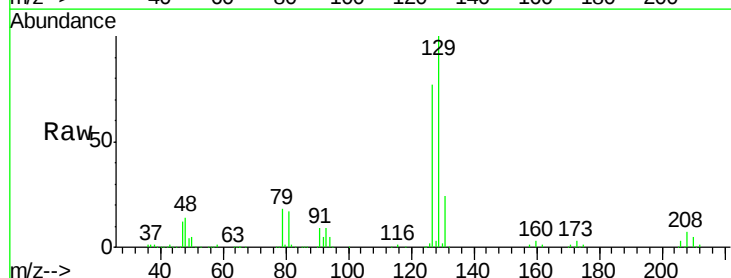
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

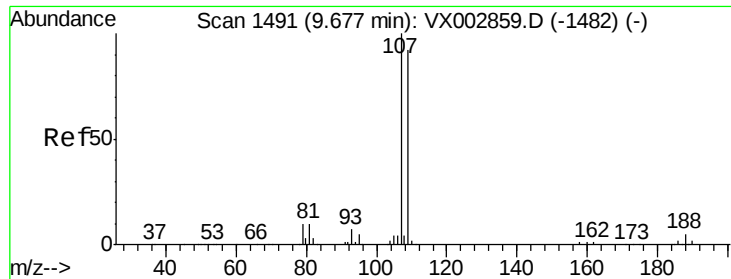
Tot Ion: 43 Resp: 902436
Ion Ratio Lower Upper
43 100
58 50.5 24.6 73.6



#60
Dibromochloromethane
Concen: 50.98 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. -0.00 min
Lab File: VX002952.D
Acq: 27 Jun 2018 22:41

Tgt Ion: 129 Resp: 165706
Ion Ratio Lower Upper
129 100
127 76.9 38.5 115.3





#61

1,2-Dibromoethane

Concen: 51.24 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX002952.D

Acq: 27 Jun 2018 22:41

Instrument :

MSVOA_X

ClientSampleId :

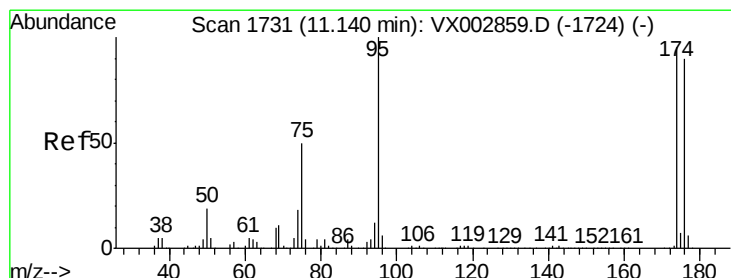
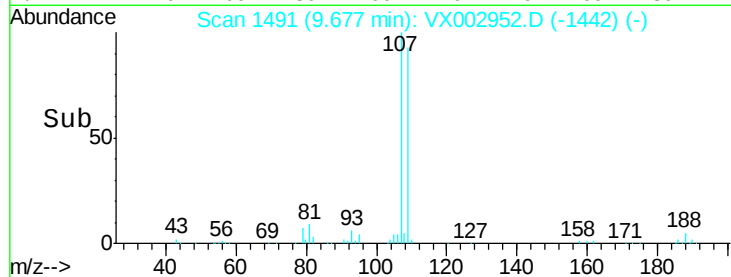
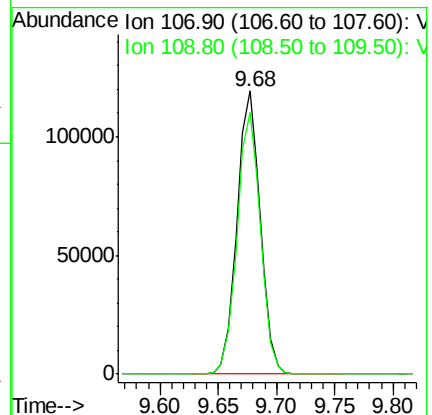
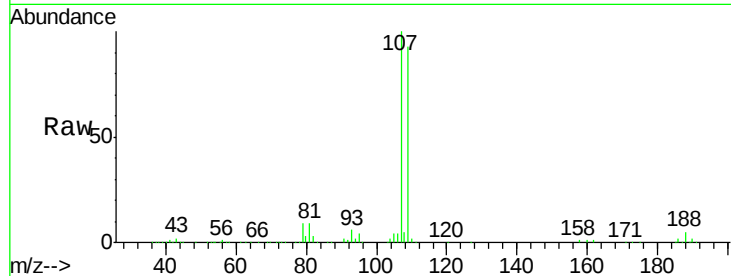
VSTDCCC050

Tot Ion:107 Resp: 165941

Ion Ratio Lower Upper

107 100

109 93.3 75.3 112.9



#62

4-Bromofluorobenzene

Concen: 50.77 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX002952.D

Acq: 27 Jun 2018 22:41

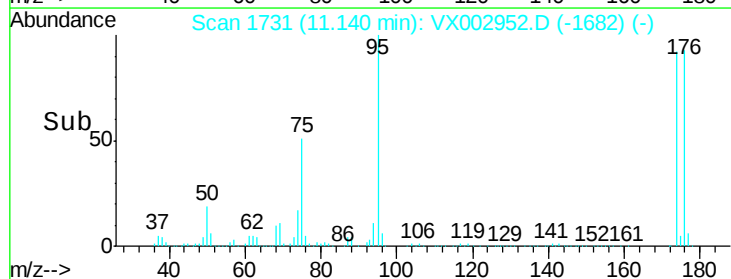
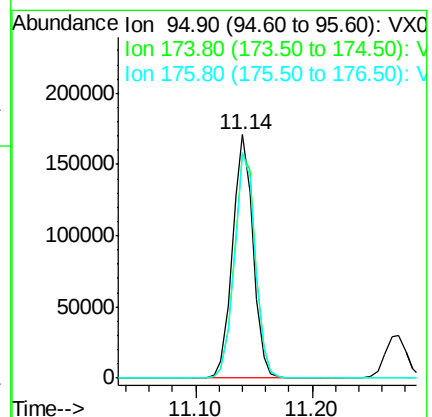
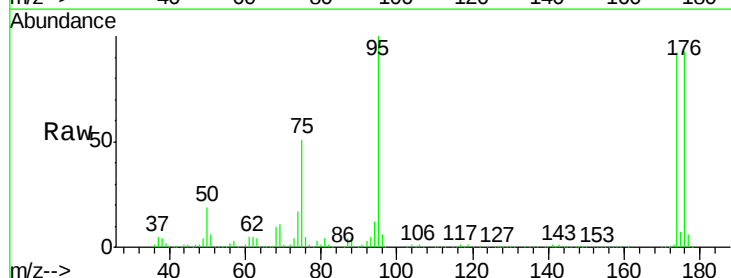
Tgt Ion: 95 Resp: 208424

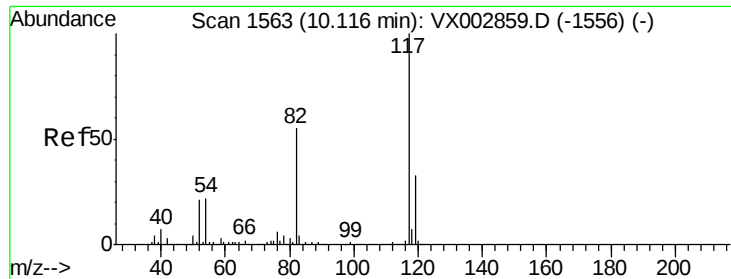
Ion Ratio Lower Upper

95 100

174 95.9 0.0 187.4

176 94.0 0.0 181.0

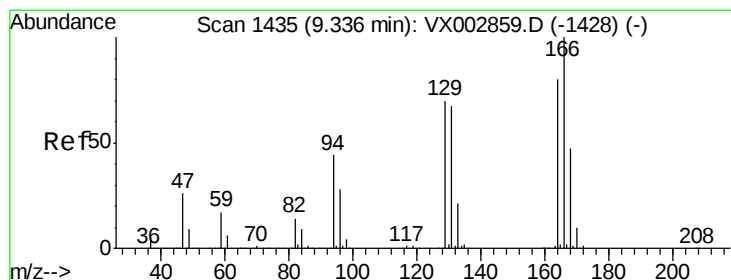
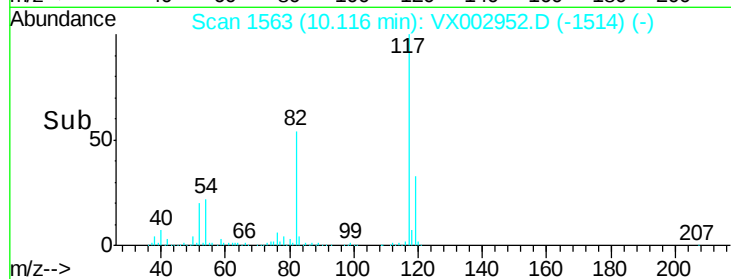
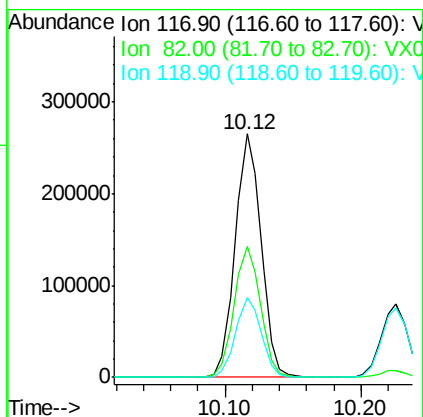
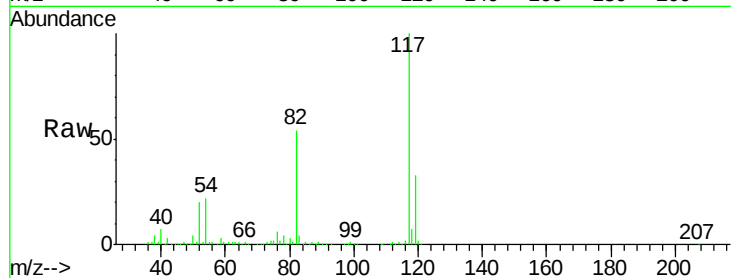




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX002952.D
Acq: 27 Jun 2018 22:41

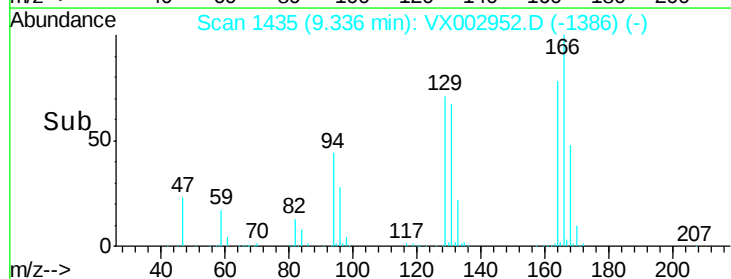
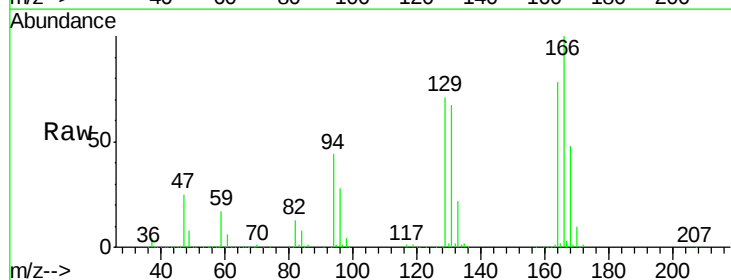
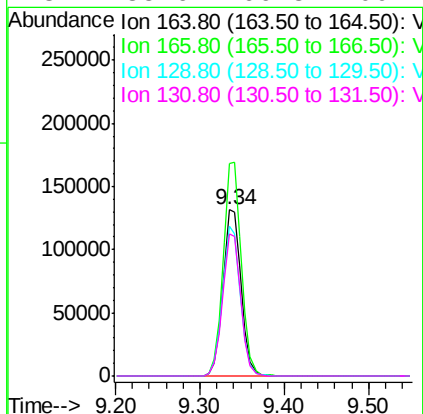
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

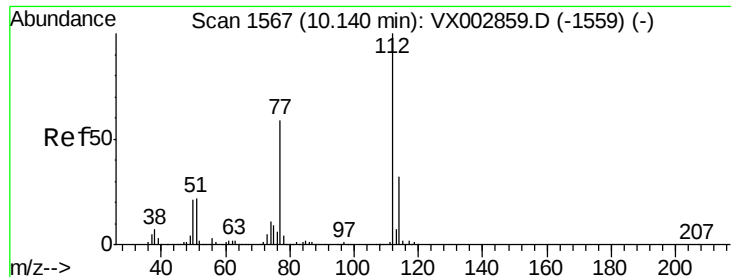
Tot Ion	Ratio	Lower	Upper
117	100		
82	54.0	45.0	67.4
119	32.6	25.8	38.6



#64
Tetrachloroethene
Concen: 49.86 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. -0.00 min
Lab File: VX002952.D
Acq: 27 Jun 2018 22:41

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.9	102.9	154.3
129	90.4	68.6	102.8
131	85.6	66.8	100.2





#65

Chlorobenzene

Concen: 49.60 ug/l

RT: 10.14 min Scan# 1567

Delta R.T. -0.00 min

Lab File: VX002952.D

Acq: 27 Jun 2018 22:41

Instrument :

MSVOA_X

ClientSampleId :

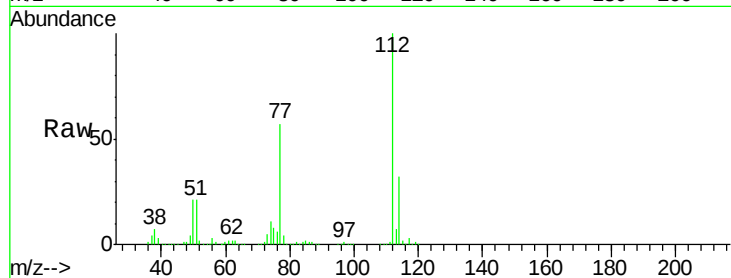
VSTDCCC050

Tot Ion:112 Resp: 444529

Ion Ratio Lower Upper

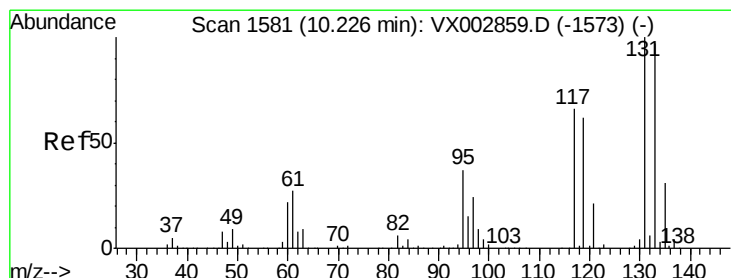
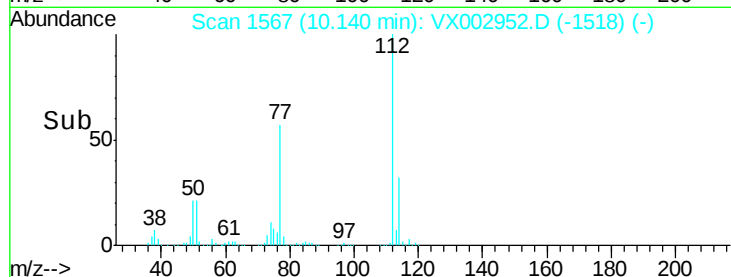
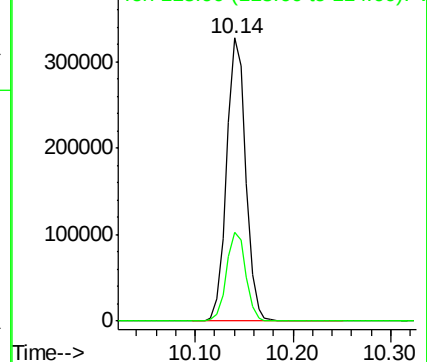
112 100

114 31.5 25.3 37.9



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 50.20 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. -0.00 min

Lab File: VX002952.D

Acq: 27 Jun 2018 22:41

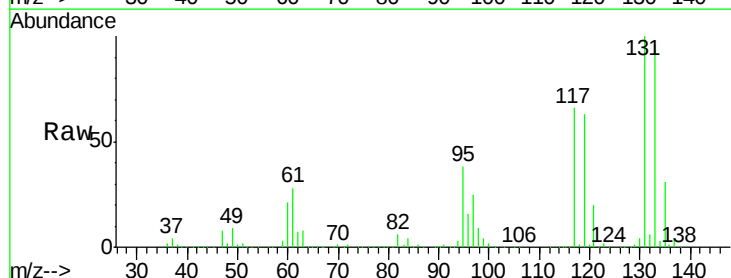
Tgt Ion:131 Resp: 163431

Ion Ratio Lower Upper

131 100

133 96.5 47.9 143.6

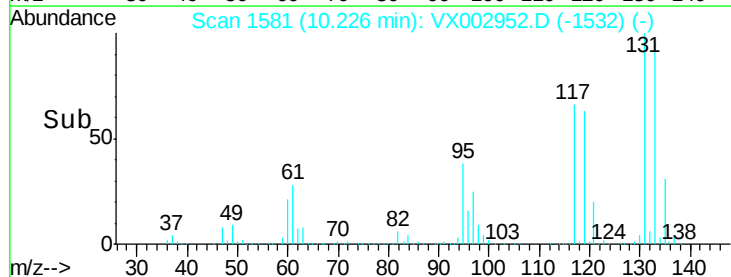
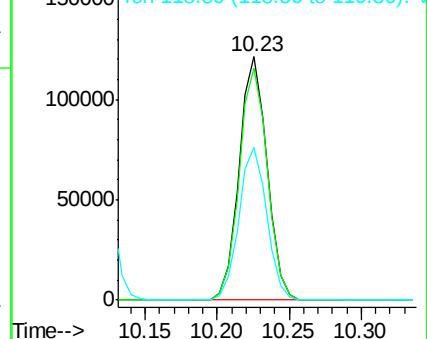
119 63.2 31.8 95.3

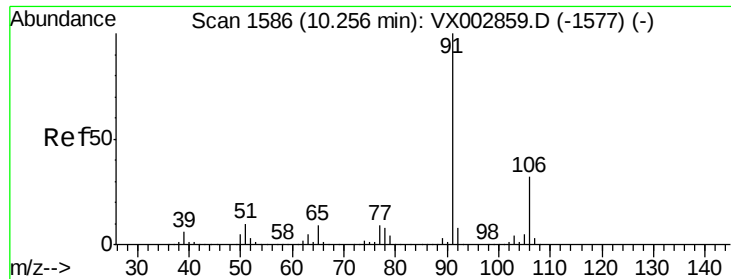


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

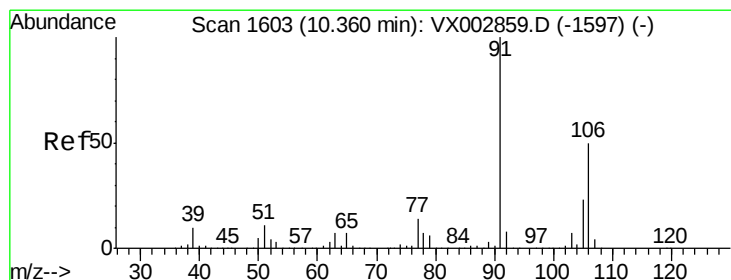
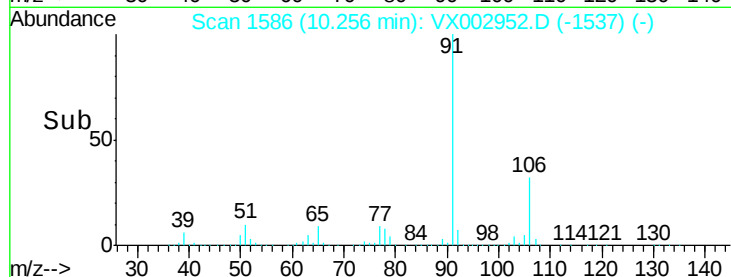
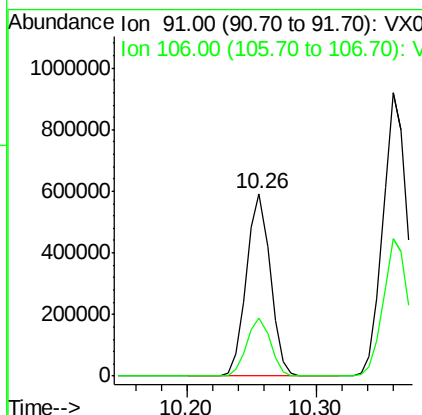
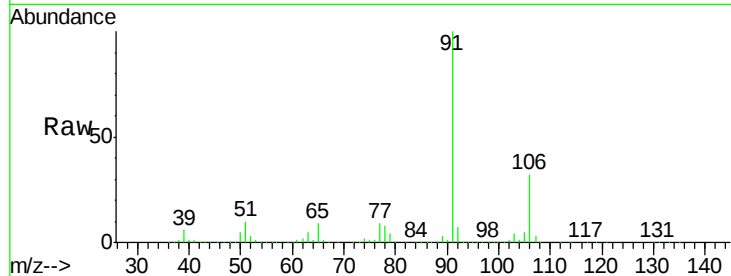




#67
Ethyl Benzene
Concen: 51.08 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.00 min
Lab File: VX002952.D
Acq: 27 Jun 2018 22:41

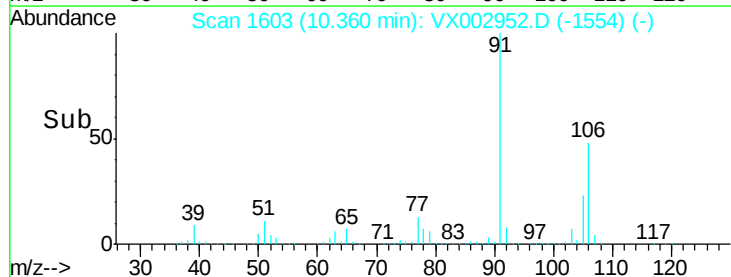
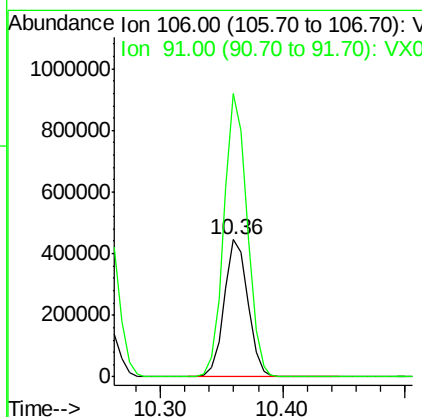
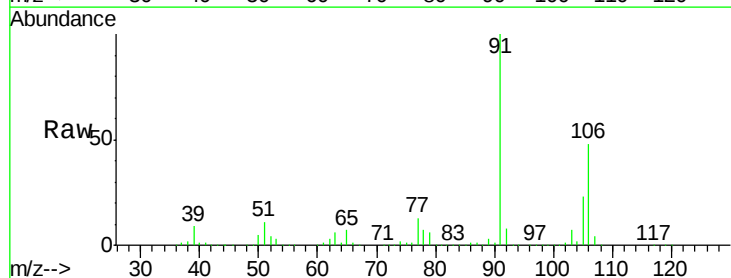
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

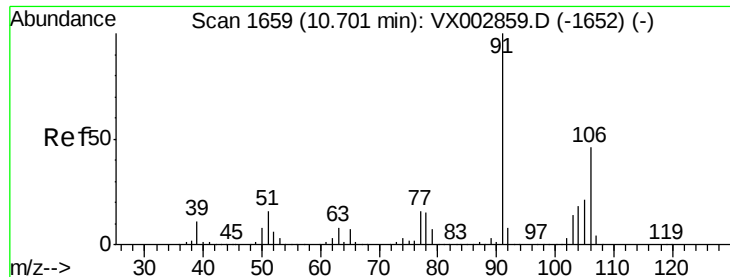
Tot Ion: 91 Resp: 756294
Ion Ratio Lower Upper
91 100
106 32.0 25.5 38.3



#68
m/p-Xylenes
Concen: 103.85 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. -0.00 min
Lab File: VX002952.D
Acq: 27 Jun 2018 22:41

Tgt Ion: 106 Resp: 592578
Ion Ratio Lower Upper
106 100
91 203.7 163.4 245.2

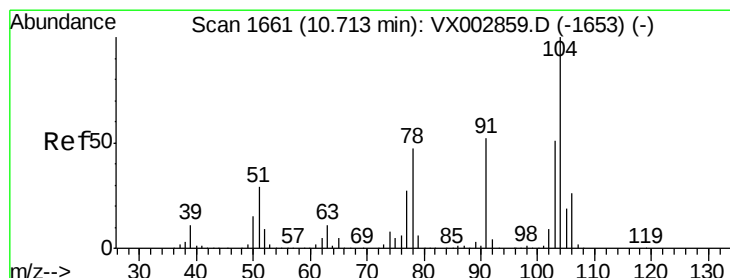
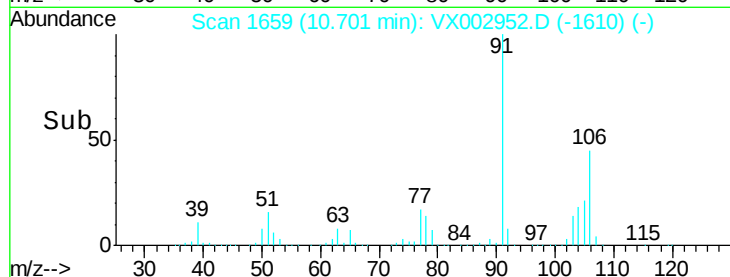
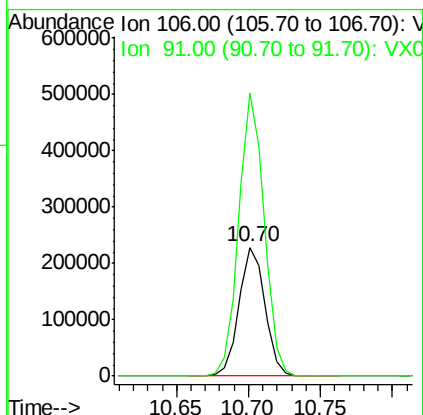
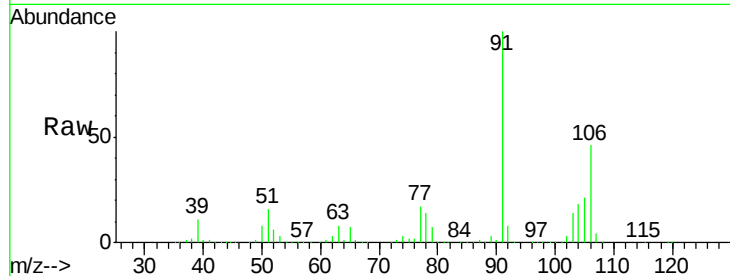




#69
o-Xylene
Concen: 51.63 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX002952.D
Acq: 27 Jun 2018 22:41

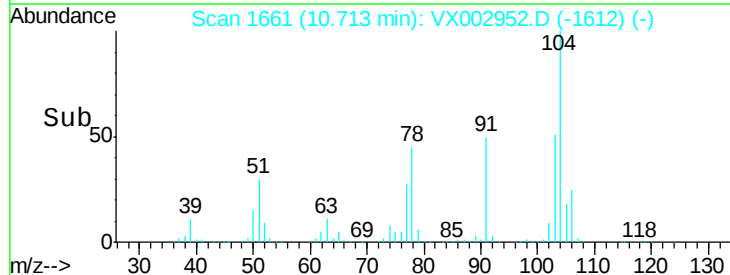
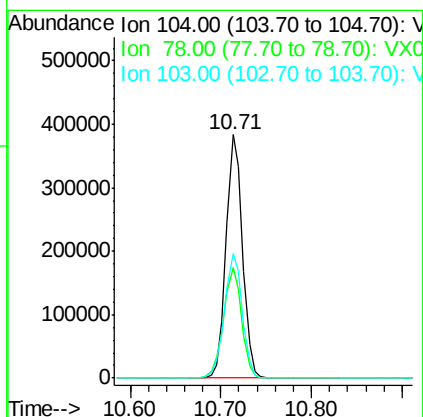
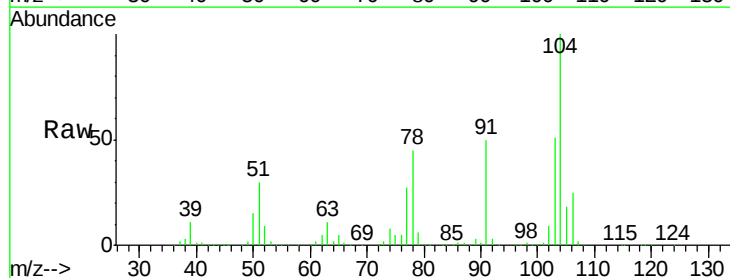
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

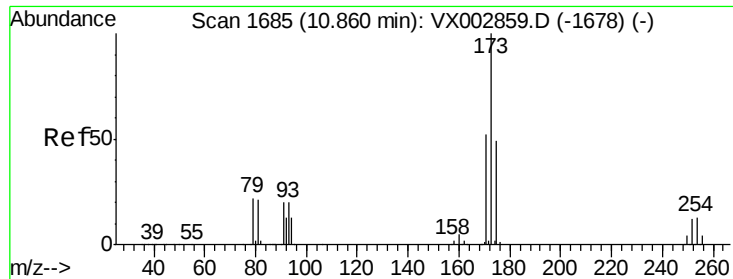
Tot Ion:106 Resp: 286877
Ion Ratio Lower Upper
106 100
91 215.5 108.2 324.6



#70
Styrene
Concen: 53.45 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX002952.D
Acq: 27 Jun 2018 22:41

Tgt Ion:104 Resp: 482526
Ion Ratio Lower Upper
104 100
78 50.2 41.0 61.6
103 55.7 44.2 66.4

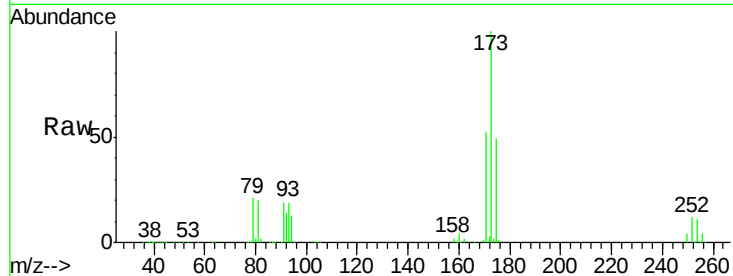




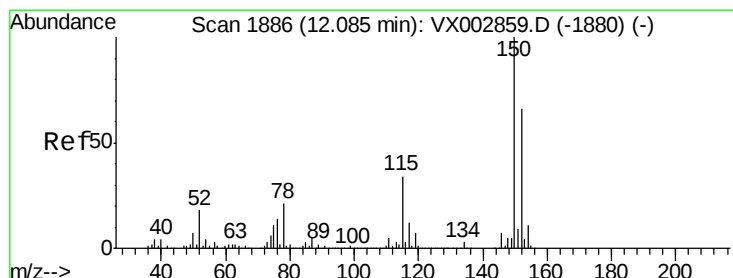
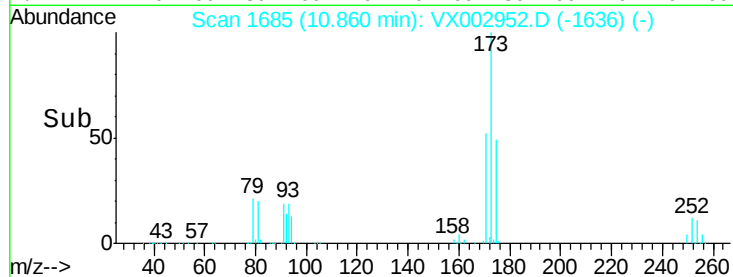
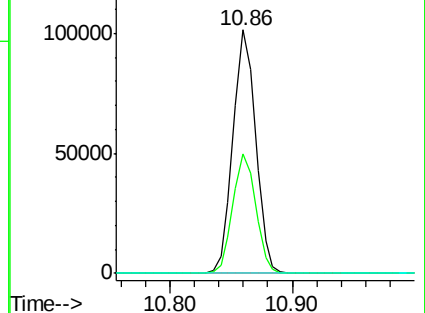
#71
Bromoform
Concen: 44.60 ug/l
RT: 10.86 min Scan# 1685
Delta R.T. 0.00 min
Lab File: VX002952.D
Acq: 27 Jun 2018 22:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:173 Resp: 129864
Ion Ratio Lower Upper
173 100
175 49.7 24.7 74.1
254 0.2 0.2 0.2

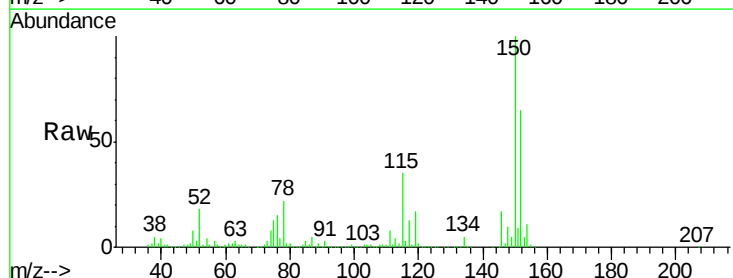


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

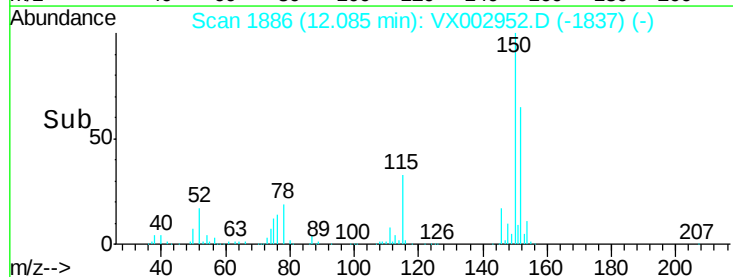
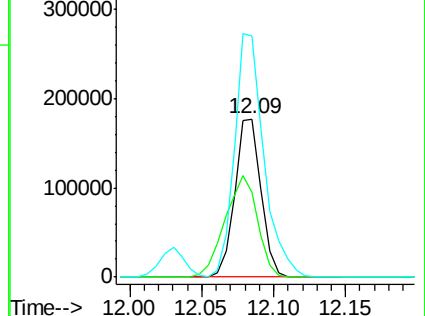


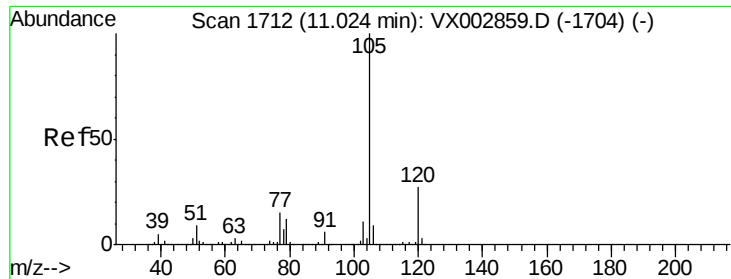
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX002952.D
Acq: 27 Jun 2018 22:41

Tgt Ion:152 Resp: 226306
Ion Ratio Lower Upper
152 100
115 79.2 40.1 120.2
150 171.8 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

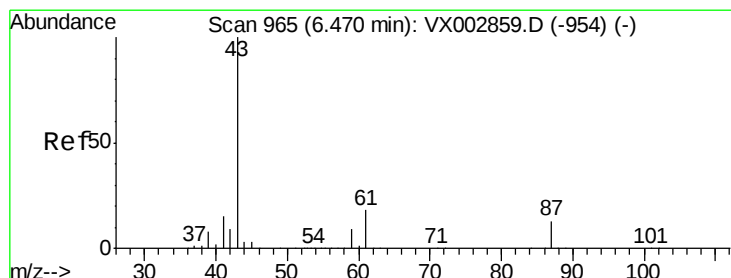
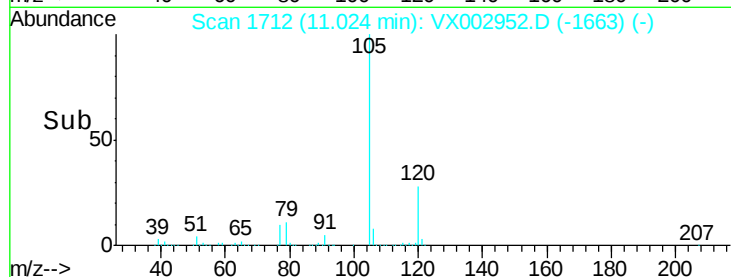
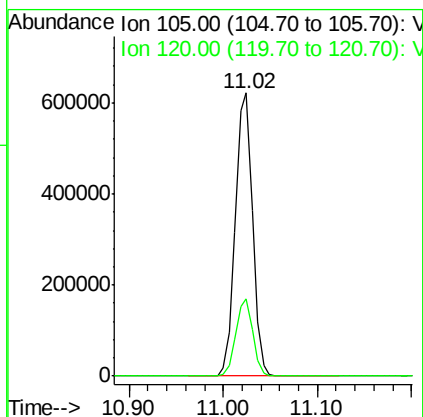
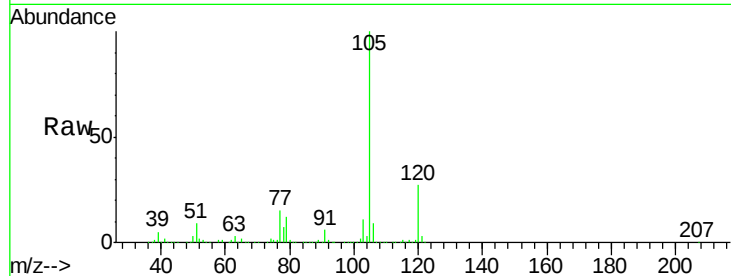




#73
Isopropylbenzene
Concen: 51.70 ug/l
RT: 11.02 min Scan# 1712
Delta R.T. -0.00 min
Lab File: VX002952.D
Acq: 27 Jun 2018 22:41

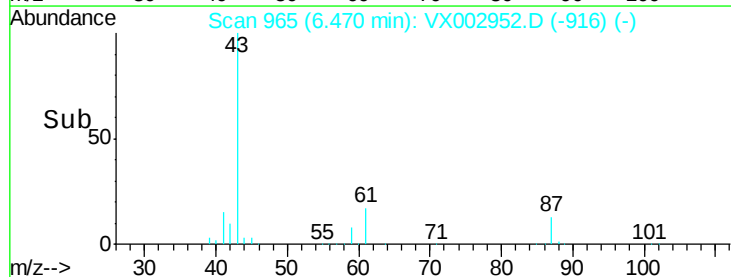
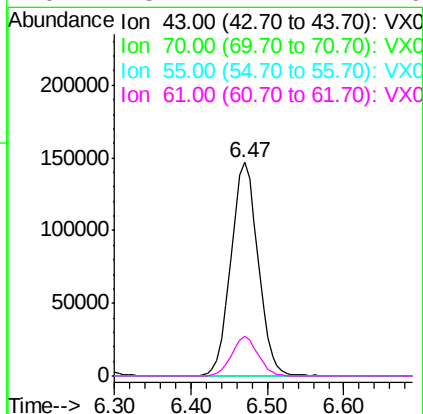
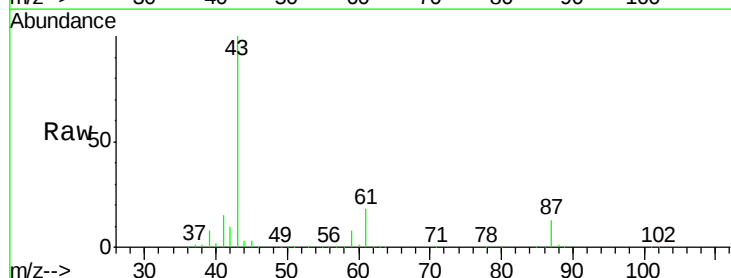
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

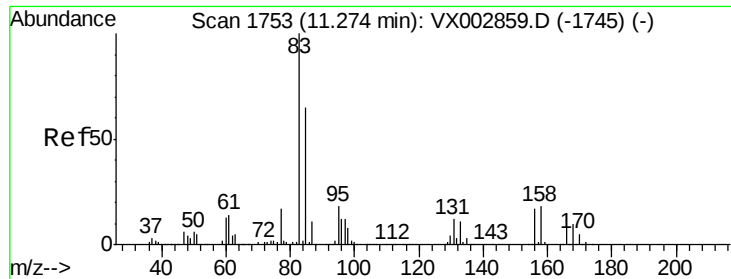
Tot Ion:105 Resp: 787057
Ion Ratio Lower Upper
105 100
120 27.0 13.5 40.4



#74
N-ethyl acetate
Concen: 48.51 ug/l
RT: 6.47 min Scan# 965
Delta R.T. -0.00 min
Lab File: VX002952.D
Acq: 27 Jun 2018 22:41

Tgt Ion: 43 Resp: 361332
Ion Ratio Lower Upper
43 100
70 0.0 0.0 0.0#
55 0.0 0.0 0.0#
61 18.1 14.4 21.6





#75

1,1,2,2-Tetrachloroethane

Concen: 49.38 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX002952.D

Acq: 27 Jun 2018 22:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

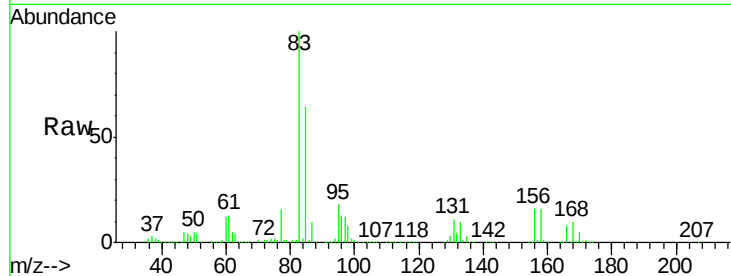
Tot Ion: 83 Resp: 231566

Ion Ratio Lower Upper

83 100

131 11.4 5.6 16.8

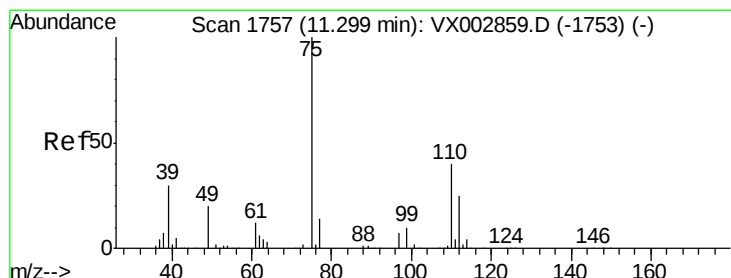
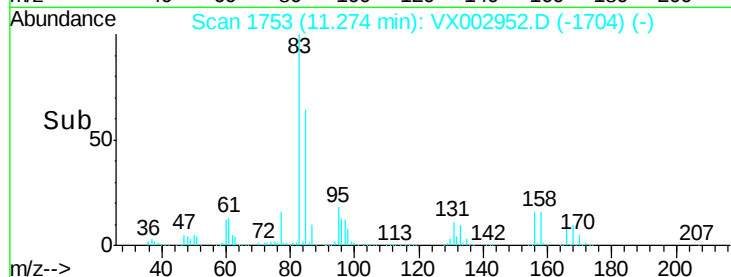
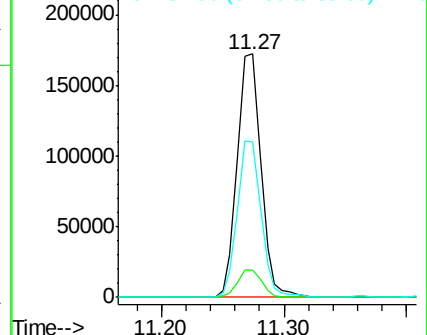
85 64.0 32.4 97.2



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: 50.19 ug/l m

RT: 11.30 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VX002952.D

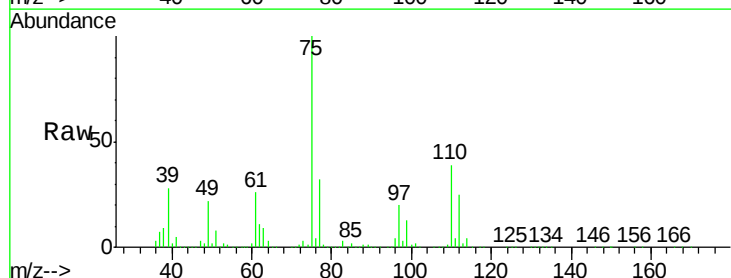
Acq: 27 Jun 2018 22:41

Tgt Ion: 75 Resp: 205743

Ion Ratio Lower Upper

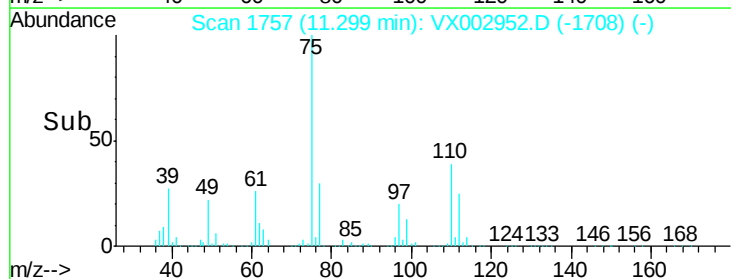
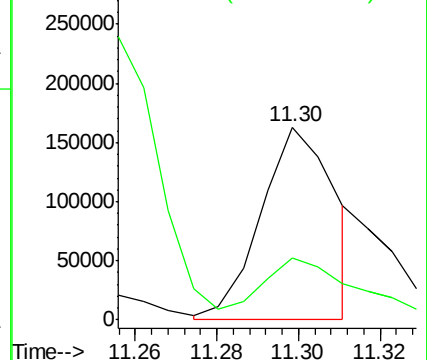
75 100

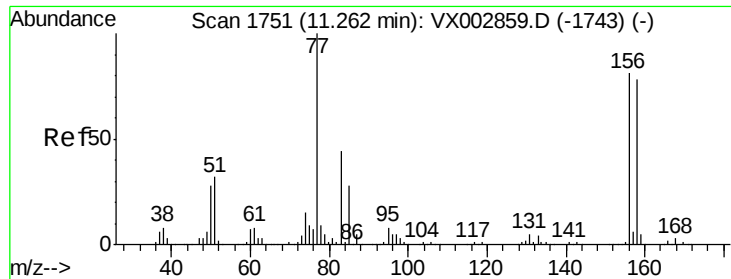
77 41.7 22.8 68.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 49.83 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. -0.01 min

Lab File: VX002952.D

Acq: 27 Jun 2018 22:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

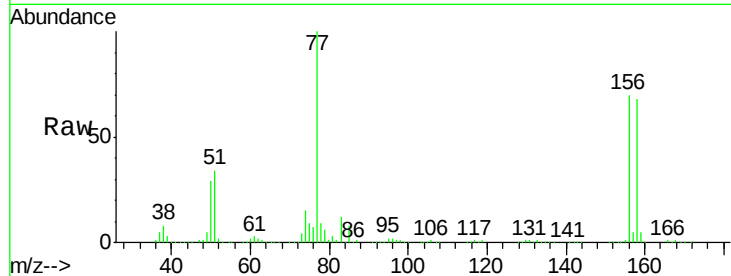
Tot Ion:156 Resp: 216026

Ion Ratio Lower Upper

156 100

77 138.2 71.4 214.2

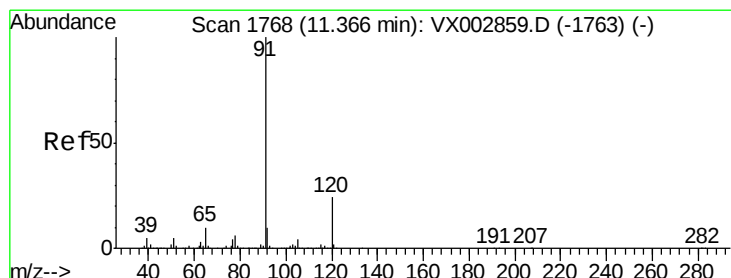
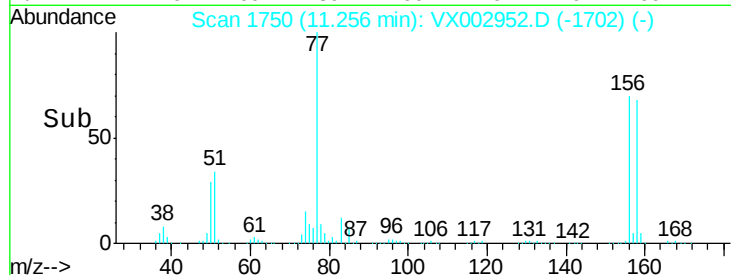
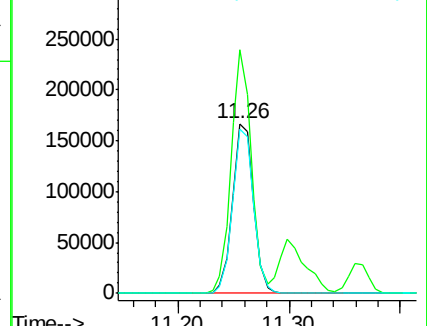
158 97.4 48.9 146.6



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: 51.69 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX002952.D

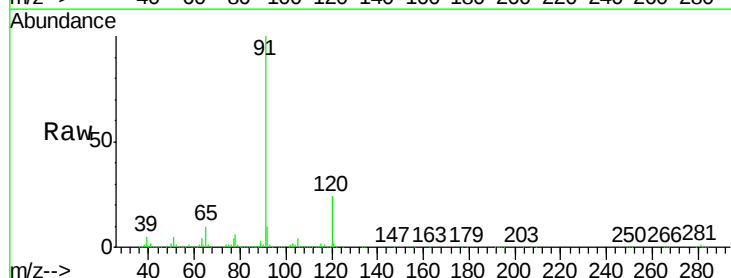
Acq: 27 Jun 2018 22:41

Tgt Ion: 91 Resp: 895782

Ion Ratio Lower Upper

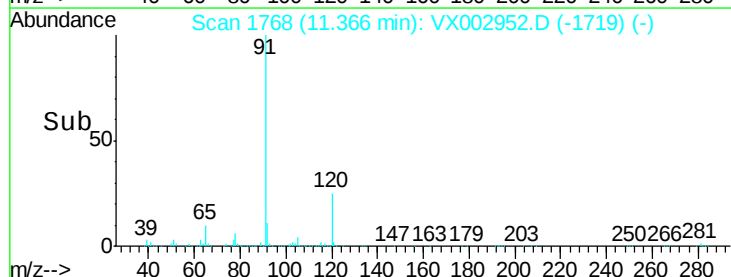
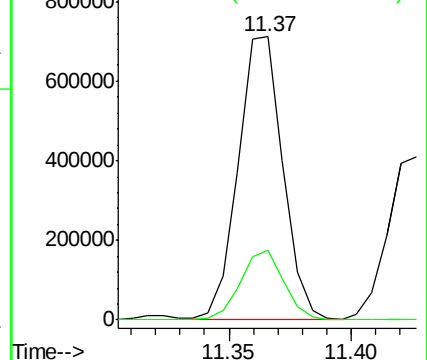
91 100

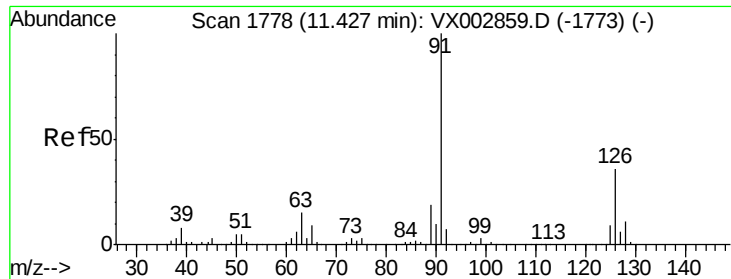
120 23.9 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

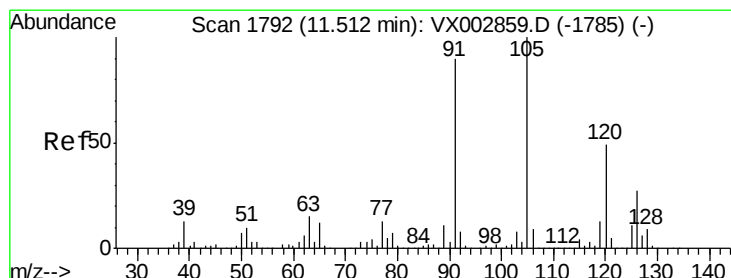
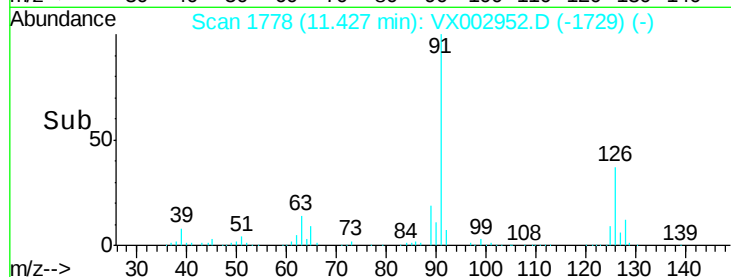
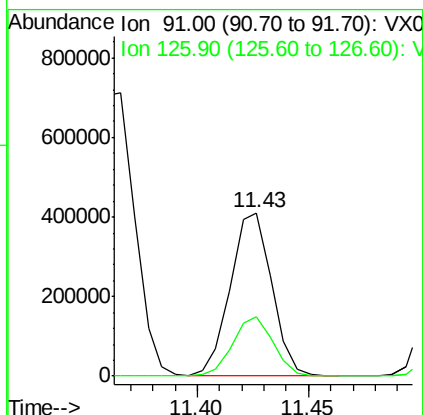
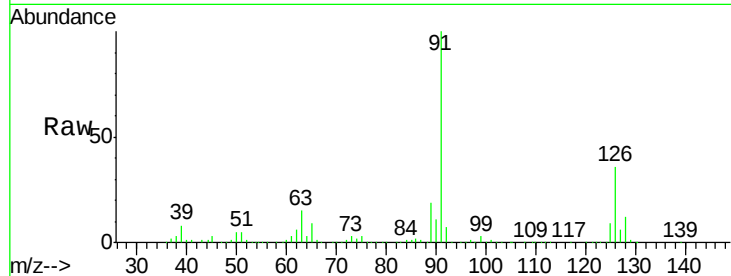




#79
2-Chlorotoluene
Concen: 50.54 ug/l
RT: 11.43 min Scan# 1778
Delta R.T. -0.00 min
Lab File: VX002952.D
Acq: 27 Jun 2018 22:41

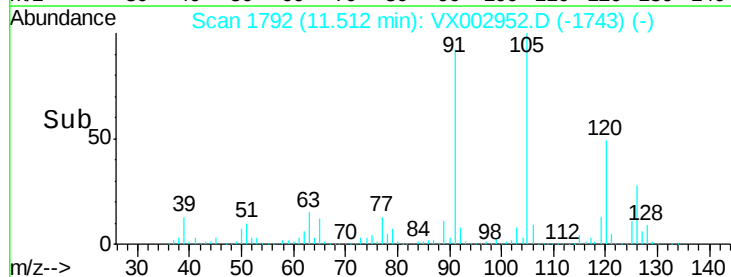
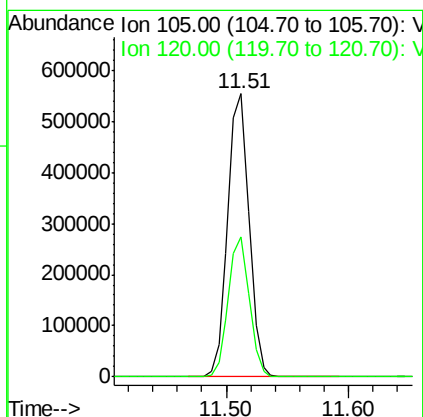
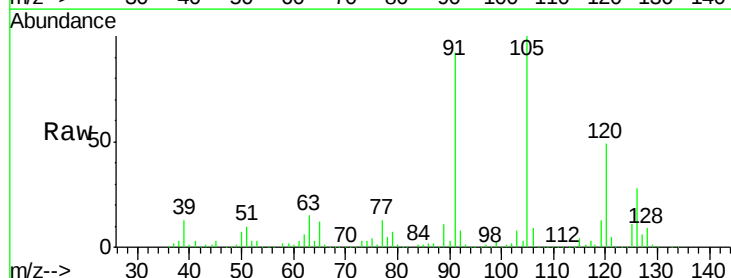
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

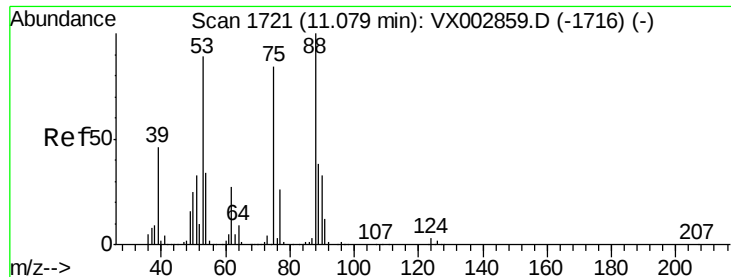
Tot Ion: 91 Resp: 530225
Ion Ratio Lower Upper
91 100
126 35.8 17.7 53.1



#80
1,3,5-Trimethylbenzene
Concen: 52.04 ug/l
RT: 11.51 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX002952.D
Acq: 27 Jun 2018 22:41

Tgt Ion: 105 Resp: 667345
Ion Ratio Lower Upper
105 100
120 49.0 24.4 73.4





#81

trans-1,4-Dichloro-2-butene

Concen: 43.39 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. 0.00 min

Lab File: VX002952.D

Acq: 27 Jun 2018 22:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

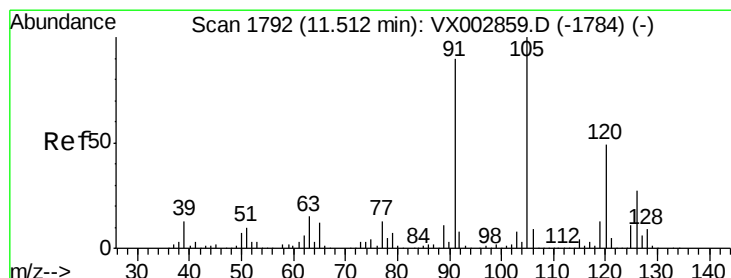
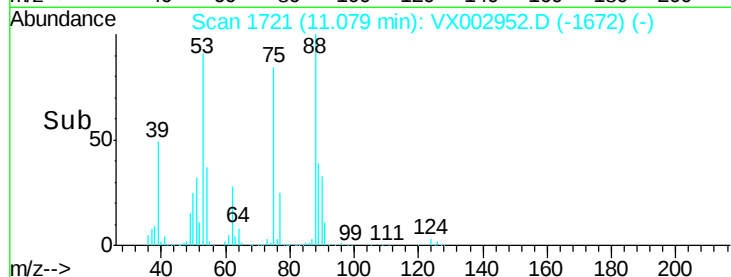
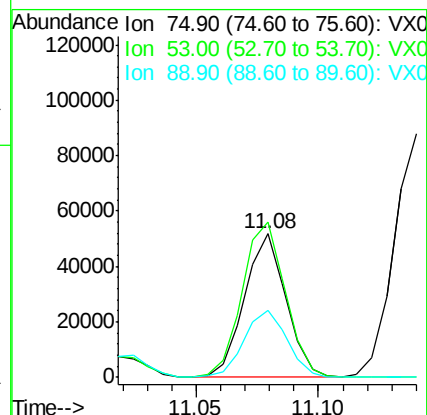
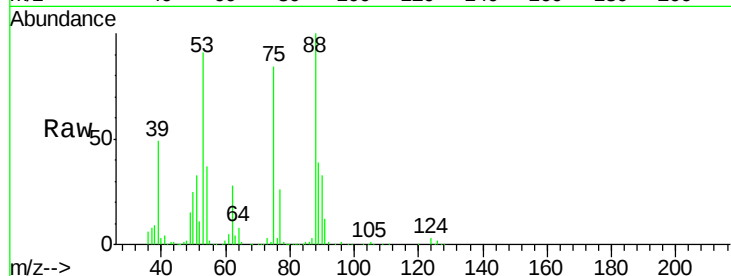
Tot Ion: 75 Resp: 60633

Ion Ratio Lower Upper

75 100

53 113.1 86.8 130.2

89 48.7 38.2 57.2



#82

4-Chlorotoluene

Concen: 50.58 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX002952.D

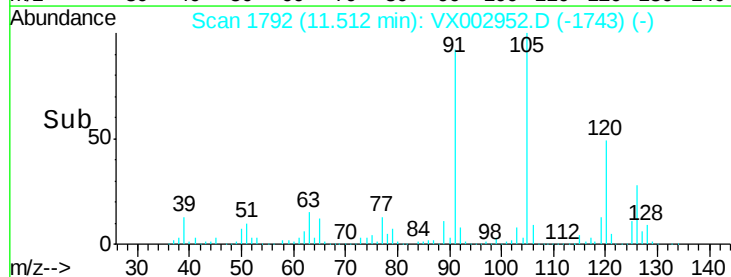
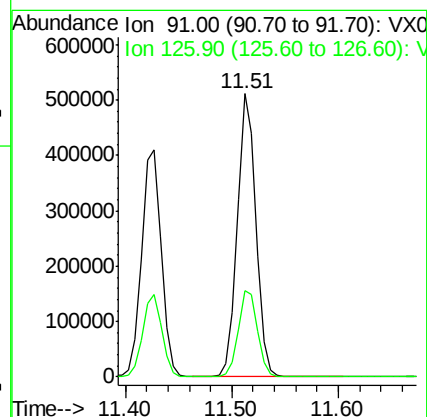
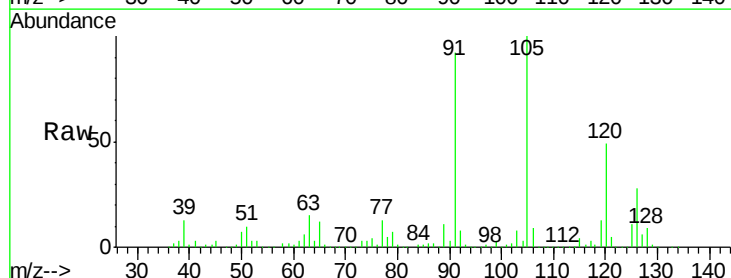
Acq: 27 Jun 2018 22:41

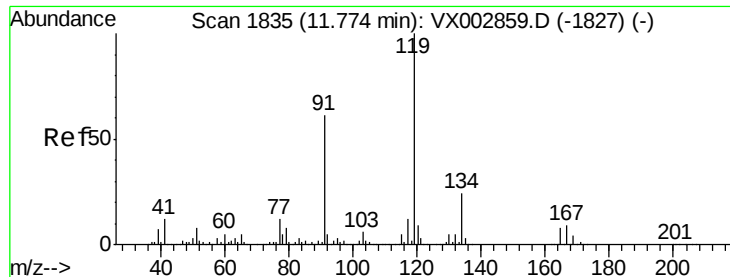
Tgt Ion: 91 Resp: 628264

Ion Ratio Lower Upper

91 100

126 31.4 15.4 46.4

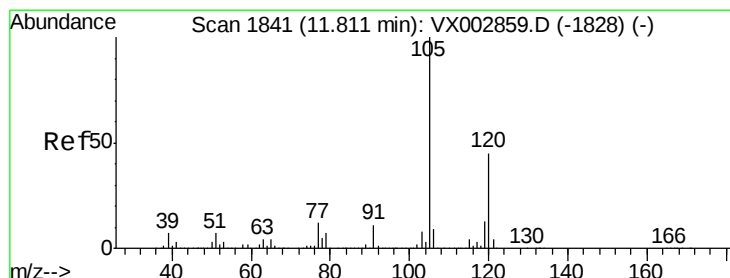
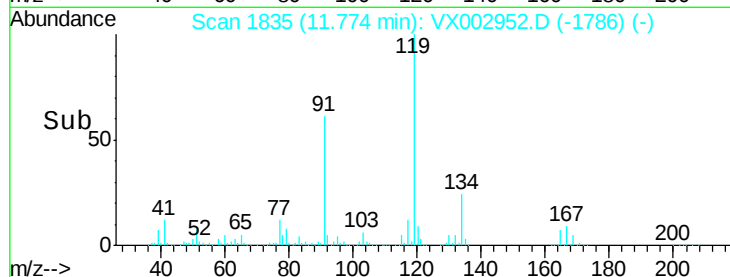
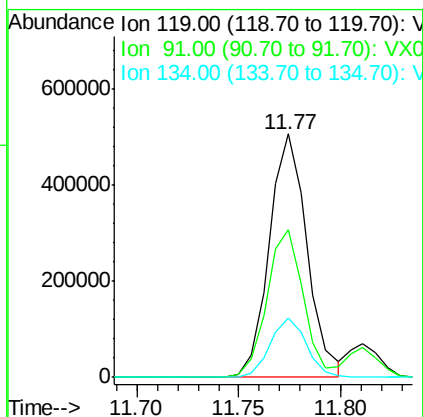
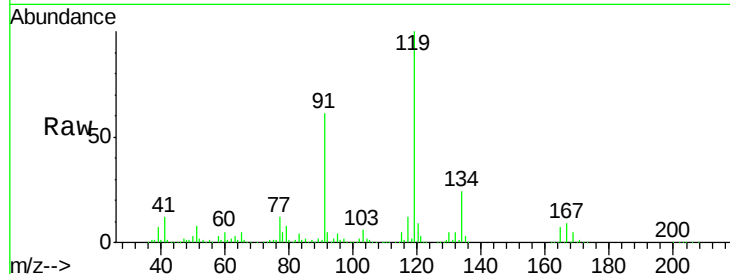




#83
 tert-Butylbenzene
 Concen: 51.75 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: VX002952.D
 Acq: 27 Jun 2018 22:41

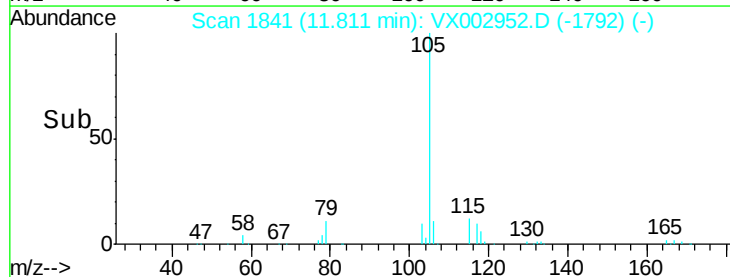
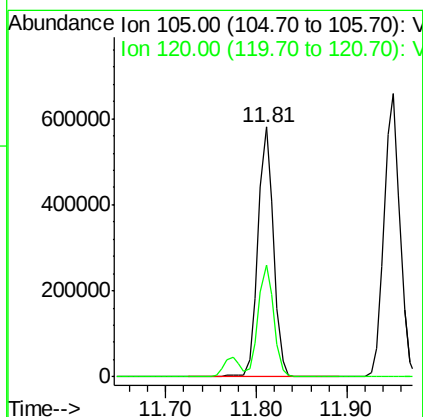
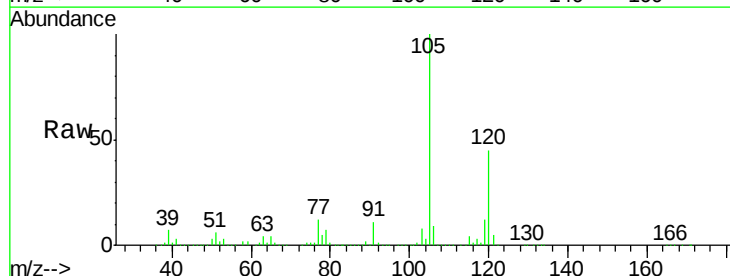
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

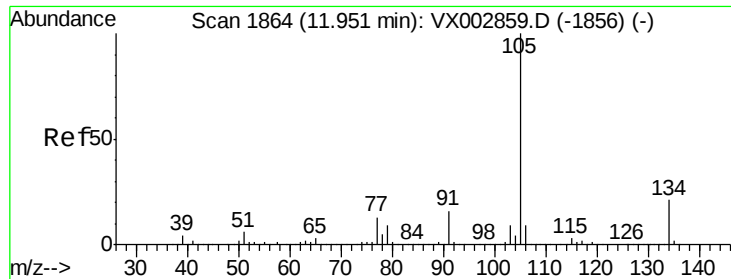
Tot Ion:119 Resp: 653932
 Ion Ratio Lower Upper
 119 100
 91 59.3 30.3 90.9
 134 23.6 11.7 35.1



#84
 1,2,4-Trimethylbenzene
 Concen: 51.53 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: VX002952.D
 Acq: 27 Jun 2018 22:41

Tgt Ion:105 Resp: 684542
 Ion Ratio Lower Upper
 105 100
 120 45.0 22.3 66.8





#85

sec-Butylbenzene

Concen: 51.84 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VX002952.D

Acq: 27 Jun 2018 22:41

Instrument :

MSVOA_X

ClientSampleId :

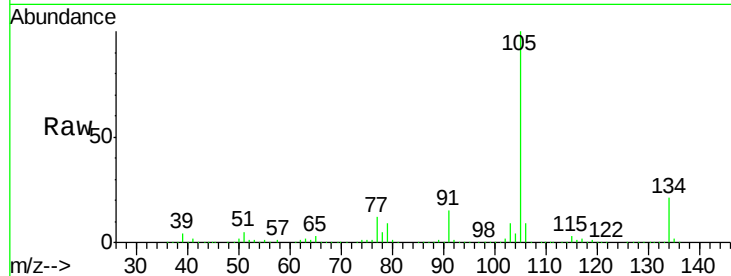
VSTDCCC050

Tot Ion:105 Resp: 794735

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

11.95

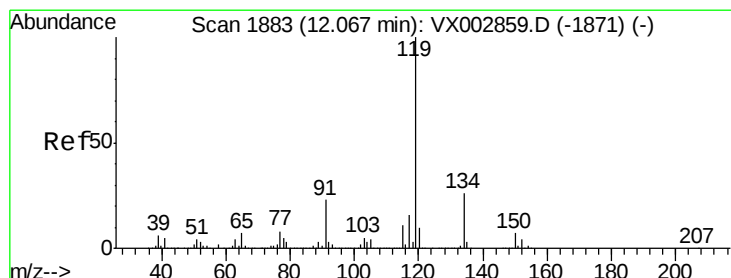
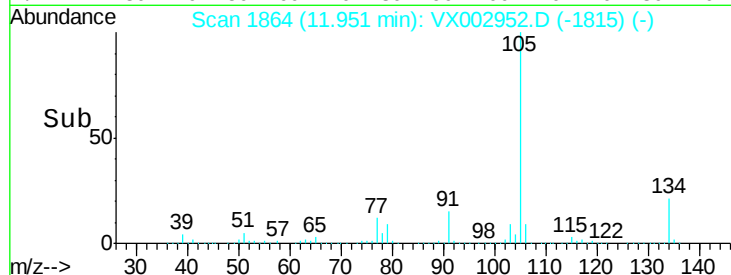
600000

400000

200000

0

Time-->



#86

p-Isopropyltoluene

Concen: 52.18 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VX002952.D

Acq: 27 Jun 2018 22:41

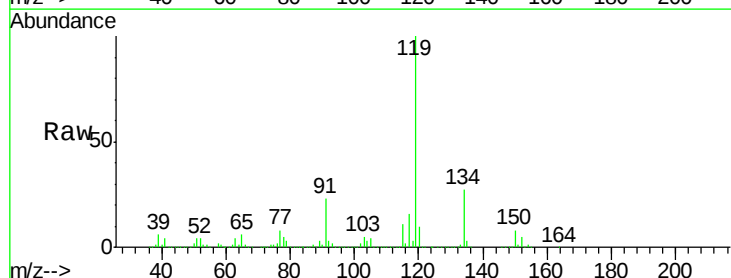
Tgt Ion:119 Resp: 719130

Ion Ratio Lower Upper

119 100

134 26.8 13.4 40.1

91 23.5 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): VX0

12.07

800000

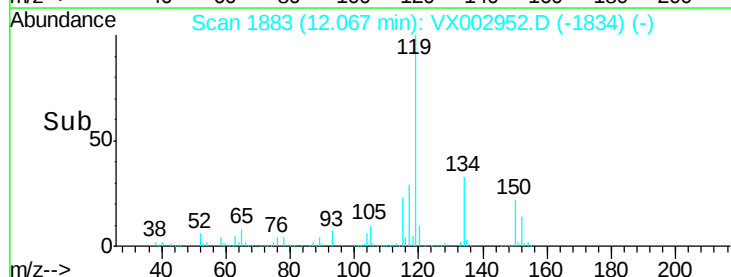
600000

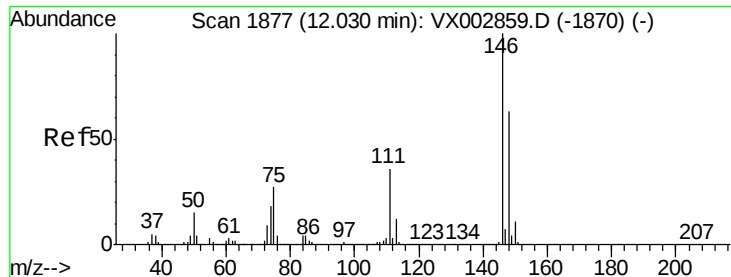
400000

200000

0

Time-->





#87

1,3-Dichlorobenzene

Concen: 49.50 ug/l

RT: 12.03 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VX002952.D

Acq: 27 Jun 2018 22:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

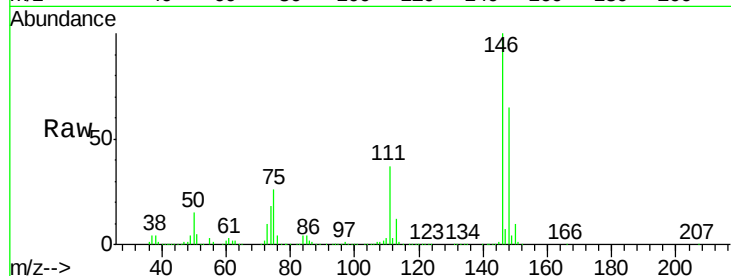
Tot Ion:146 Resp: 391967

Ion Ratio Lower Upper

146 100

111 37.7 18.9 56.7

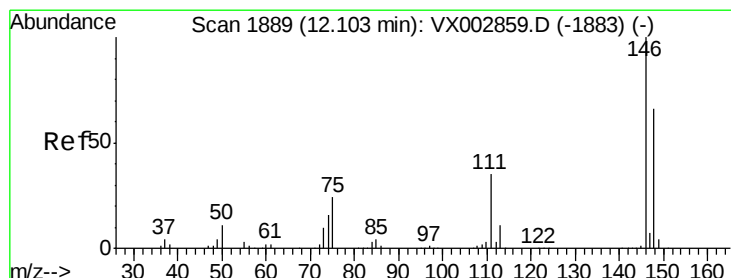
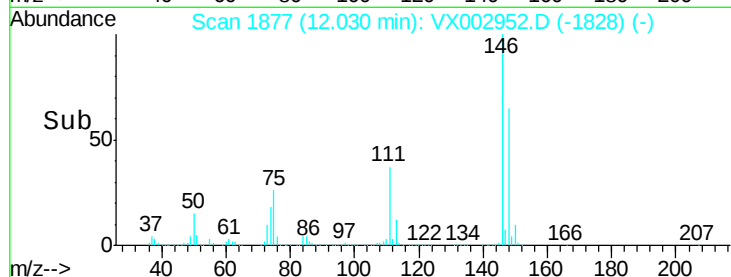
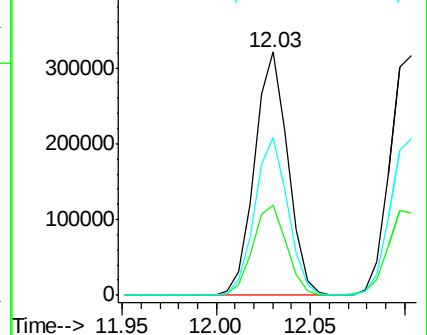
148 64.7 32.1 96.3



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: 48.77 ug/l

RT: 12.10 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VX002952.D

Acq: 27 Jun 2018 22:41

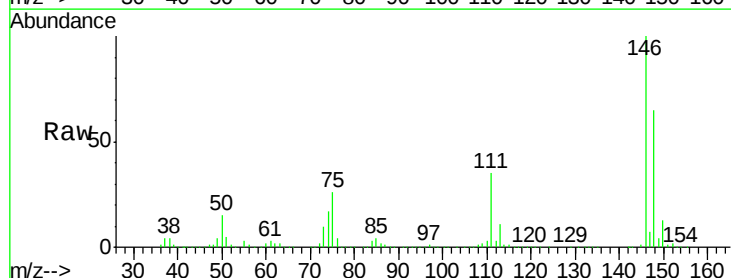
Tgt Ion:146 Resp: 397448

Ion Ratio Lower Upper

146 100

111 36.6 18.7 56.1

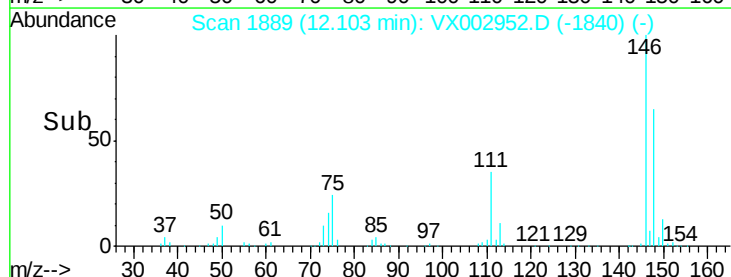
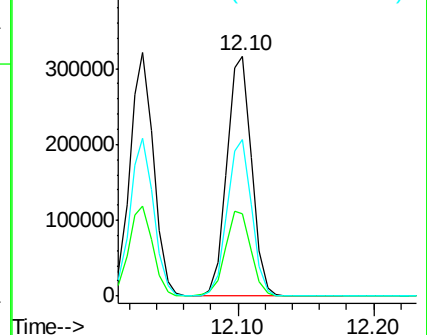
148 64.8 32.4 97.0

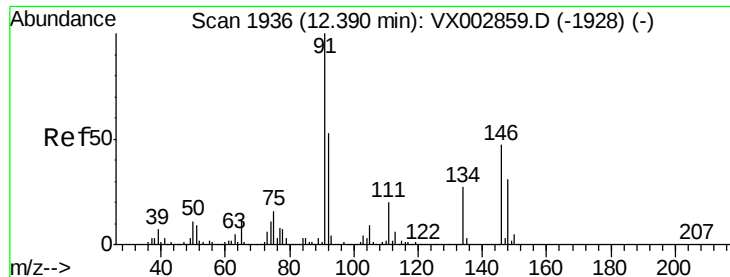


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

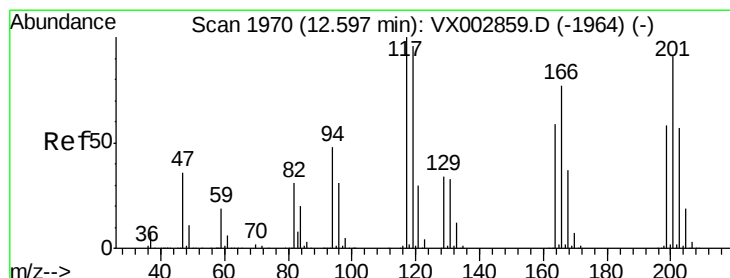
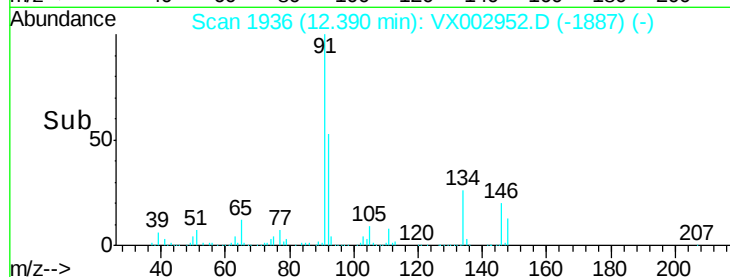
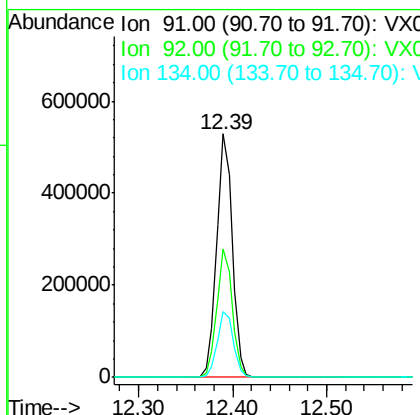
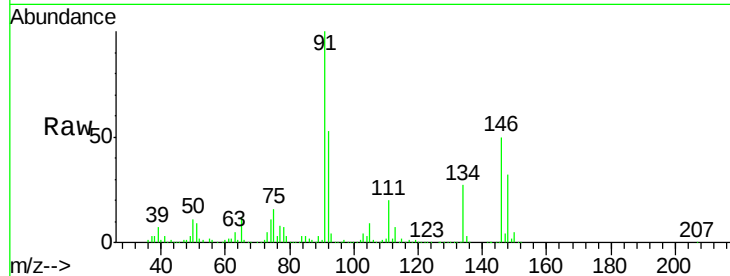




#89
n-Butylbenzene
Concen: 50.86 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. -0.00 min
Lab File: VX002952.D
Acq: 27 Jun 2018 22:41

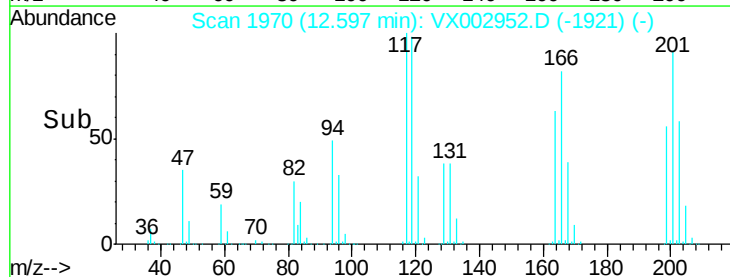
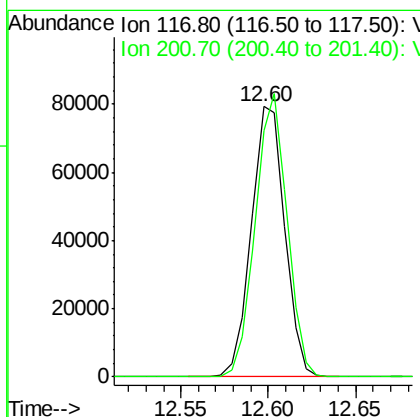
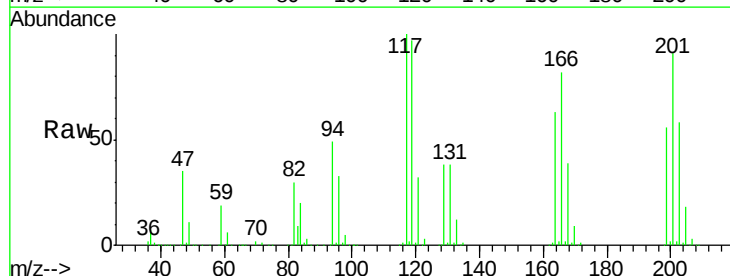
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

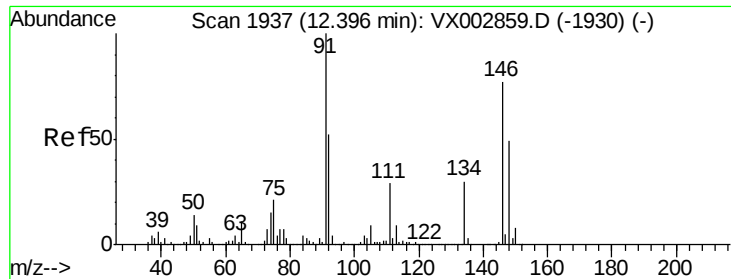
Tot Ion: 91 Resp: 610163
Ion Ratio Lower Upper
91 100
92 52.3 26.0 78.0
134 27.6 13.5 40.5



#90
Hexachloroethane
Concen: 51.46 ug/l
RT: 12.60 min Scan# 1970
Delta R.T. -0.00 min
Lab File: VX002952.D
Acq: 27 Jun 2018 22:41

Tgt Ion: 117 Resp: 105488
Ion Ratio Lower Upper
117 100
201 99.5 49.0 147.0

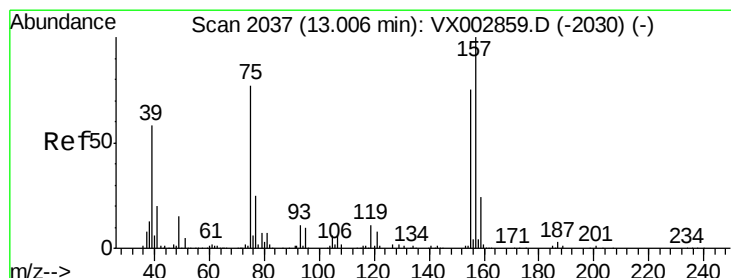
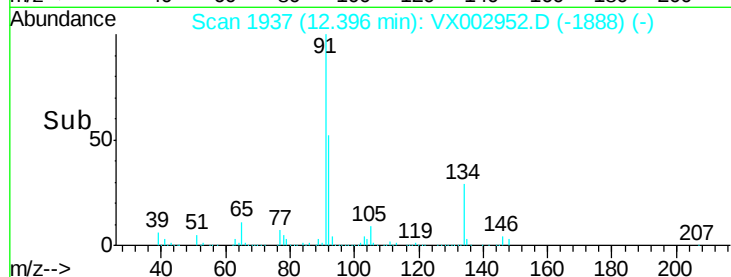
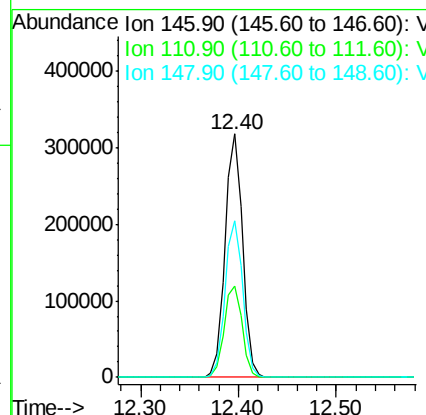
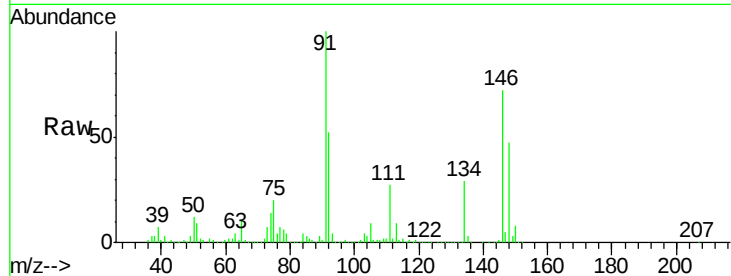




#91
 1,2-Dichlorobenzene
 Concen: 49.44 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VX002952.D
 Acq: 27 Jun 2018 22:41

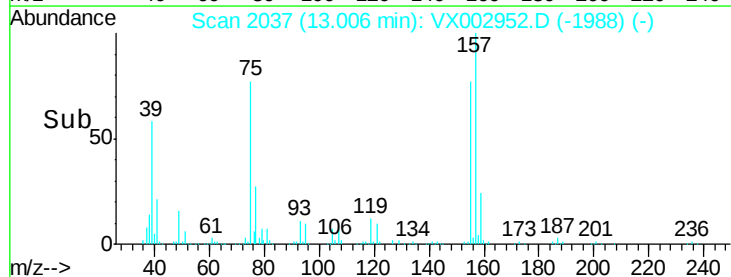
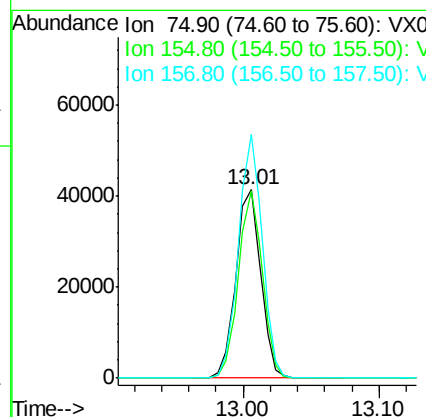
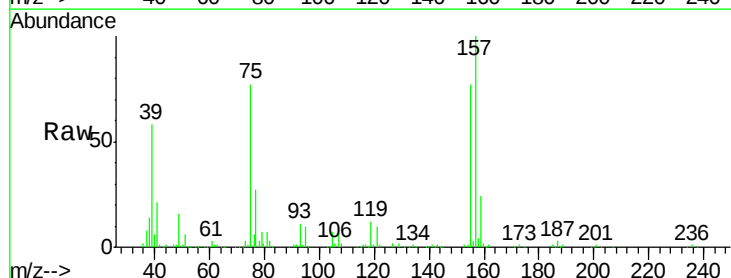
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

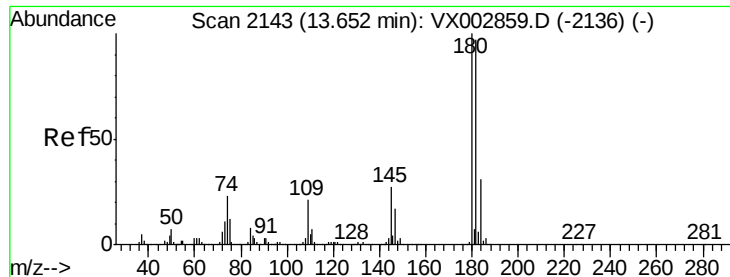
Tot Ion:146 Resp: 395130
 Ion Ratio Lower Upper
 146 100
 111 38.4 19.4 58.1
 148 64.7 31.7 95.1



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 50.05 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. -0.00 min
 Lab File: VX002952.D
 Acq: 27 Jun 2018 22:41

Tgt Ion: 75 Resp: 52766
 Ion Ratio Lower Upper
 75 100
 155 95.5 45.8 137.4
 157 123.1 60.1 180.3

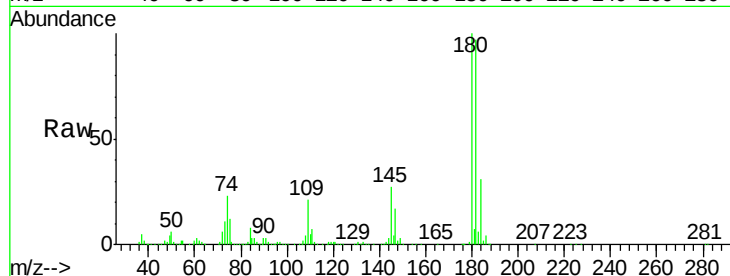




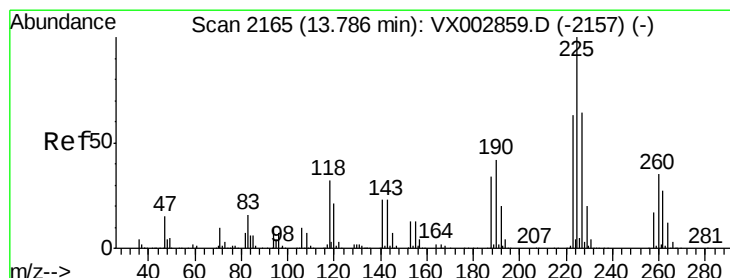
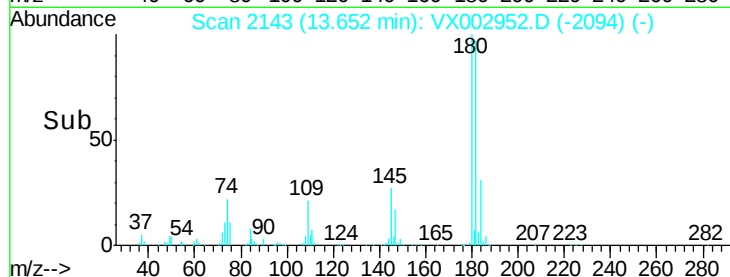
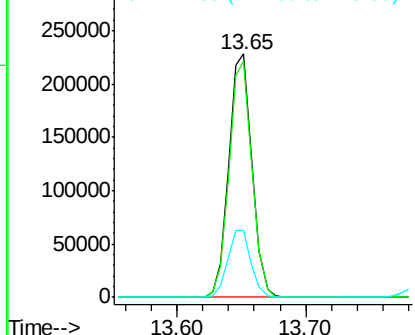
#93
 1,2,4-Trichlorobenzene
 Concen: 49.59 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX002952.D
 Acq: 27 Jun 2018 22:41

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion:180 Resp: 288414
 Ion Ratio Lower Upper
 180 100
 182 95.8 47.7 143.1
 145 27.7 14.1 42.4

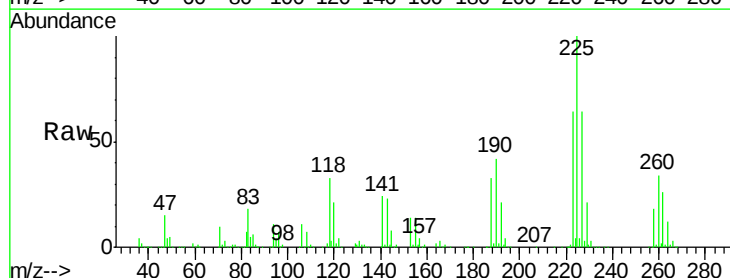


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

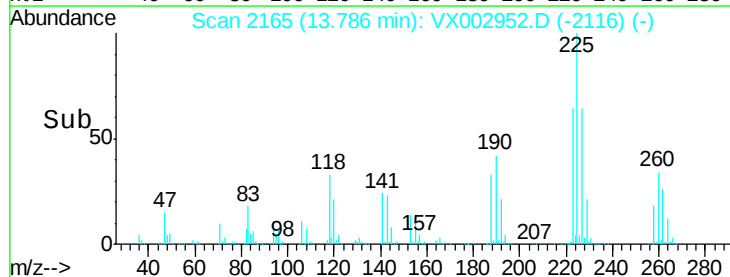
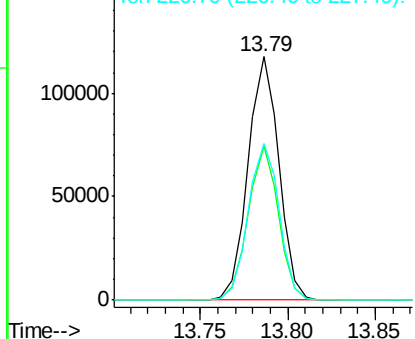


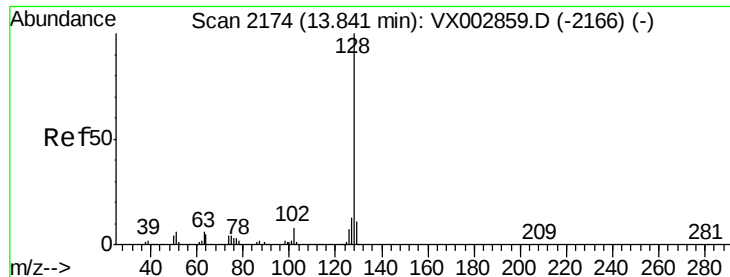
#94
 Hexachlorobutadiene
 Concen: 49.83 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VX002952.D
 Acq: 27 Jun 2018 22:41

Tgt Ion:225 Resp: 144560
 Ion Ratio Lower Upper
 225 100
 223 62.1 31.6 95.0
 227 64.8 32.4 97.2



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 52.54 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX002952.D

Acq: 27 Jun 2018 22:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

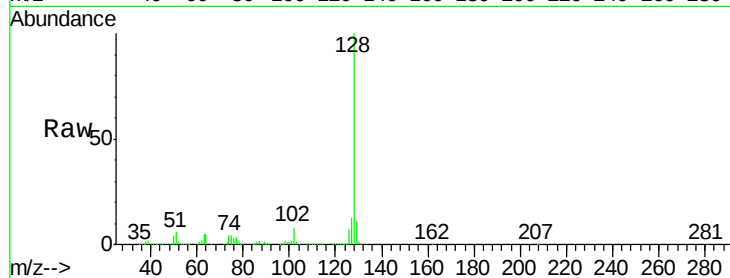
Tot Ion:128 Resp: 813861

Ion Ratio Lower Upper

128 100

127 13.0 10.4 15.6

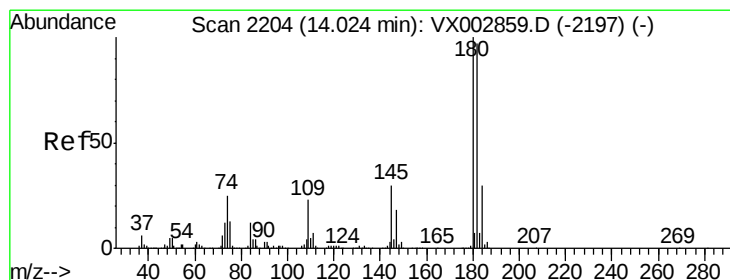
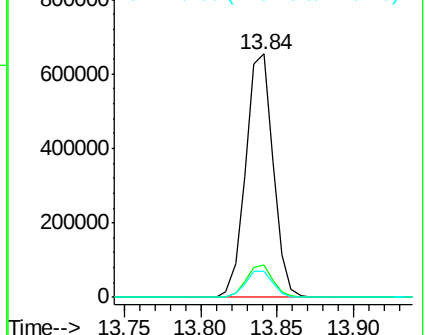
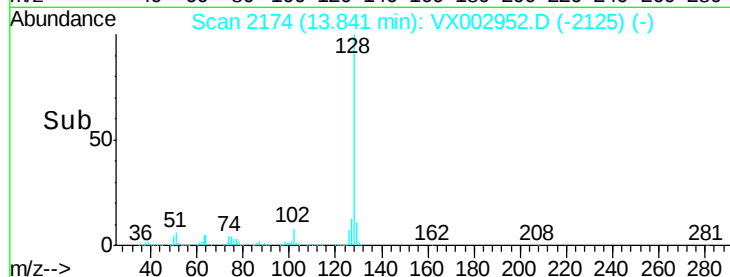
129 11.0 8.6 13.0



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: 50.47 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. -0.00 min

Lab File: VX002952.D

Acq: 27 Jun 2018 22:41

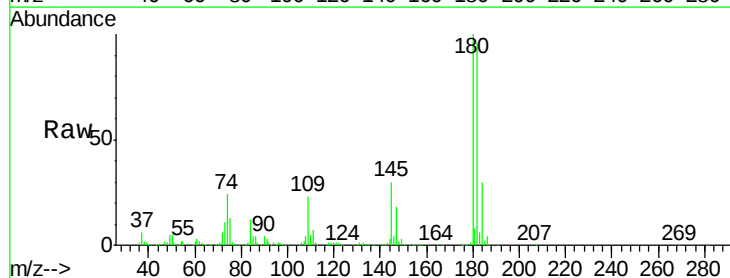
Tgt Ion:180 Resp: 293232

Ion Ratio Lower Upper

180 100

182 96.2 48.0 144.0

145 29.5 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

