

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX062718\
 Data File : VX002976.D
 Acq On : 28 Jun 2018 09:43
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jul 09 07:58:00 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	265804	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	378169	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	363715	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	231869	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	192428	52.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.76%	
35) Dibromofluoromethane	5.51	113	156630	52.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.60%	
50) Toluene-d8	8.72	98	558196	51.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.08%	
62) 4-Bromofluorobenzene	11.14	95	216667	51.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.74%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	153126	64.610	ug/l	99
3) Chloromethane	1.32	50	155235	63.318	ug/l	99
4) Vinyl Chloride	1.41	62	165298	54.990	ug/l #	86
5) Bromomethane	1.64	94	38358	26.032	ug/l	99
6) Chloroethane	1.72	64	124773	71.667	ug/l	97
7) Trichlorofluoromethane	1.93	101	261231	51.519	ug/l	100
8) Diethyl Ether	2.19	74	95068	51.573	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.38	101	142267	48.422	ug/l	98
10) Methyl Iodide	2.51	142	88127	32.120	ug/l	99
11) Tert butyl alcohol	3.08	59	179475	245.224	ug/l	100
12) 1,1-Dichloroethene	2.37	96	134614	51.352	ug/l	99
13) Acrolein	2.30	56	81599	201.933	ug/l	99
14) Allyl chloride	2.73	41	251503	48.671	ug/l	97
15) Acrylonitrile	3.15	53	404687	258.873	ug/l	99
16) Acetone	2.45	43	375894	247.057	ug/l	97
17) Carbon Disulfide	2.57	76	416602	59.647	ug/l	97
18) Methyl Acetate	2.78	43	189716	44.598	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	480950	51.034	ug/l	99
20) Methylene Chloride	2.86	84	148127	50.029	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	144875	50.741	ug/l	94
22) Diisopropyl ether	3.88	45	512113	51.846	ug/l	99
23) Vinyl Acetate	3.83	43	2274285	271.914	ug/l	99
24) 1,1-Dichloroethane	3.70	63	273907	51.020	ug/l	100
25) 2-Butanone	4.71	43	592375	262.341	ug/l	98
26) 2,2-Dichloropropane	4.59	77	121135	27.748	ug/l	94
27) cis-1,2-Dichloroethene	4.60	96	163281	51.005	ug/l	92
28) Bromochloromethane	5.03	49	134631	52.391	ug/l	95
29) Tetrahydrofuran	5.17	42	383658	264.954	ug/l	98
30) Chloroform	5.22	83	285452	51.809	ug/l	99
31) Cyclohexane	5.58	56	242459	52.624	ug/l	95
32) 1,1,1-Trichloroethane	5.50	97	259841	53.603	ug/l	99
36) 1,1-Dichloropropene	5.81	75	208161	50.194	ug/l	100
37) Ethyl Acetate	4.87	43	237285	53.140	ug/l	100
38) Carbon Tetrachloride	5.79	117	235366	51.718	ug/l	99

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	239766	49.635	ug/l	98
40) Benzene	6.15	78	613669	50.928	ug/l	99
41) Methacrylonitrile	5.07	41	132677	51.600	ug/l	99
42) 1,2-Dichloroethane	6.20	62	237485	48.790	ug/l	100
43) Isopropyl Acetate	6.47	43	382214	51.039	ug/l	98
44) Trichloroethene	7.22	130	178502	49.687	ug/l	99
45) 1,2-Dichloropropane	7.52	63	161011	50.374	ug/l	99
46) Dibromomethane	7.67	93	112078	50.526	ug/l	97
47) Bromodichloromethane	7.90	83	217914	53.140	ug/l	97
48) Methyl methacrylate	7.78	41	200154	51.872	ug/l	97
49) 1,4-Dioxane	7.76	88	74233	988.824	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	1227857	262.062	ug/l	98
52) Toluene	8.79	92	394936	51.162	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	228388	49.177	ug/l	99
54) cis-1,3-Dichloropropene	9.04	75	214460	47.992	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	162133	51.114	ug/l	97
56) Ethyl methacrylate	9.18	69	249236	53.763	ug/l	96
57) 1,3-Dichloropropane	9.38	76	266698	51.192	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	579302	259.021	ug/l	98
59) 2-Hexanone	9.50	43	941446	264.383	ug/l	97
60) Dibromochloromethane	9.59	129	182678	54.707	ug/l	99
61) 1,2-Dibromoethane	9.68	107	173572	52.169	ug/l	100
64) Tetrachloroethene	9.34	164	187570	46.379	ug/l	99
65) Chlorobenzene	10.14	112	453726	49.113	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	171589	51.129	ug/l	100
67) Ethyl Benzene	10.26	91	776468	50.879	ug/l	99
68) m/p-Xylenes	10.36	106	601645	102.293	ug/l	99
69) o-Xylene	10.70	106	294413	51.408	ug/l	99
70) Styrene	10.71	104	488465	52.490	ug/l	99
71) Bromoform	10.86	173	146032	48.304	ug/l #	99
73) Isopropylbenzene	11.02	105	798770	51.208	ug/l	100
74) N-amyl acetate	6.47	43	382214	50.080	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	252431	52.535	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	261279	62.209	ug/l	80
77) Bromobenzene	11.26	156	219121	49.329	ug/l	98
78) n-propylbenzene	11.37	91	899516	50.661	ug/l	99
79) 2-Chlorotoluene	11.43	91	532029	49.493	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	673658	51.277	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	50711	36.038	ug/l	99
82) 4-Chlorotoluene	11.51	91	638651	50.186	ug/l	100
83) tert-Butylbenzene	11.77	119	670705	51.801	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	691913	50.831	ug/l	98
85) sec-Butylbenzene	11.95	105	795567	50.650	ug/l	99
86) p-Isopropyltoluene	12.07	119	716629	50.747	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	397150	48.952	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	402843	48.250	ug/l	99
89) n-Butylbenzene	12.39	91	596526	48.532	ug/l	99
90) Hexachloroethane	12.60	117	99888	47.555	ug/l	97
91) 1,2-Dichlorobenzene	12.40	146	401268	49.004	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	58264	53.940	ug/l	94

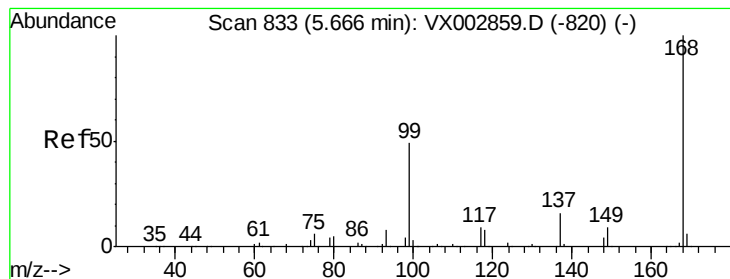
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	296521	49.757	ug/l	100
94) Hexachlorobutadiene	13.79	225	143219	48.185	ug/l	98
95) Naphthalene	13.84	128	857809	54.044	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	306126	51.429	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.01 min

Lab File: VX002976.D

Acq: 28 Jun 2018 09:43

Instrument :

MSVOA_X

ClientSampleId :

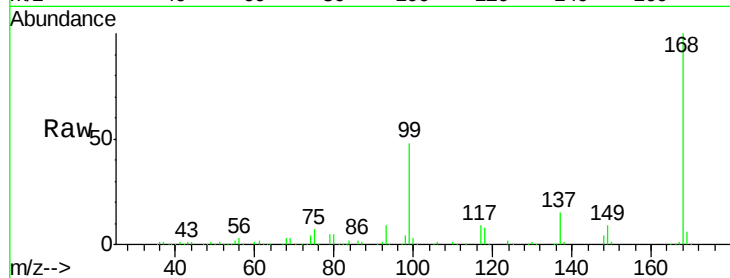
VSTDCCC050EC

Tgt Ion:168 Resp: 265804

Ion Ratio Lower Upper

168 100

99 48.0 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

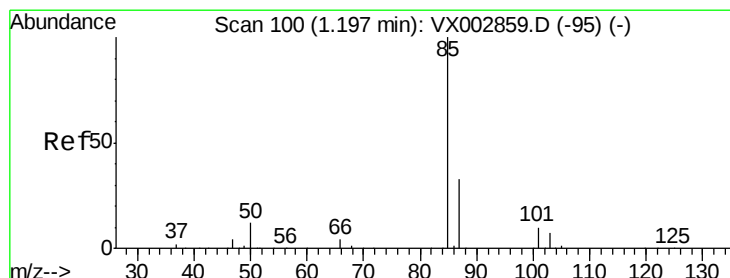
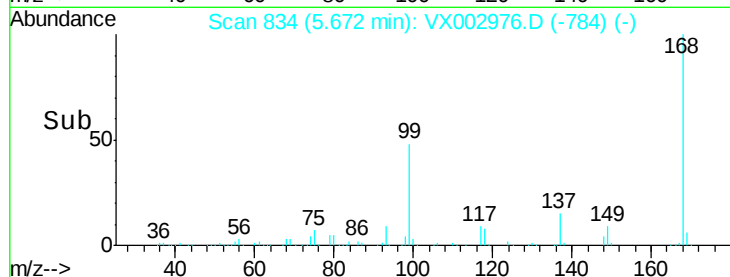
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 64.610 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX002976.D

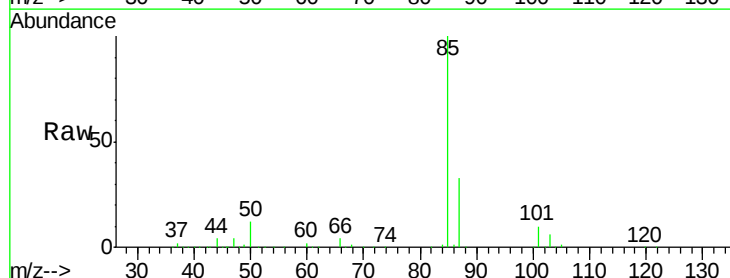
Acq: 28 Jun 2018 09:43

Tgt Ion: 85 Resp: 153126

Ion Ratio Lower Upper

85 100

87 32.7 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

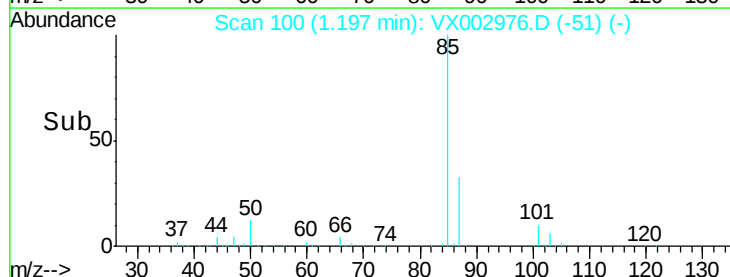
150000

100000

50000

0

Time--> 1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 63.318 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX002976.D

Acq: 28 Jun 2018 09:43

Instrument :

MSVOA_X

ClientSampleId :

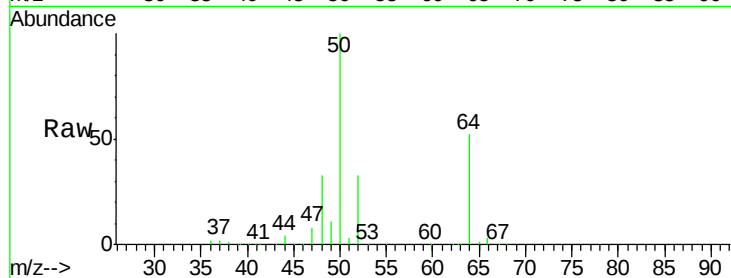
VSTDCCC050EC

Tgt Ion: 50 Resp: 155235

Ion Ratio Lower Upper

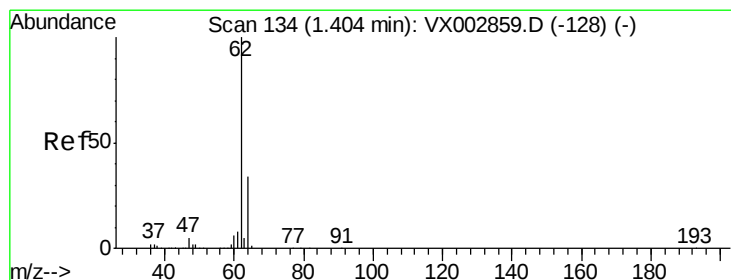
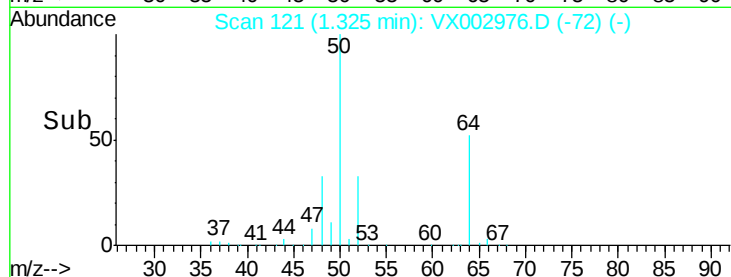
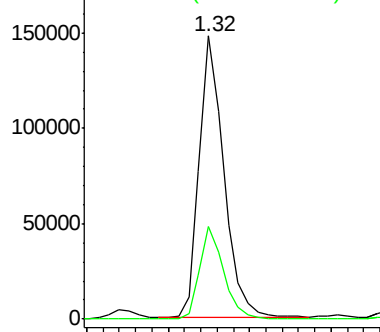
50 100

52 32.8 25.7 38.5



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 54.990 ug/l

RT: 1.41 min Scan# 135

Delta R.T. 0.01 min

Lab File: VX002976.D

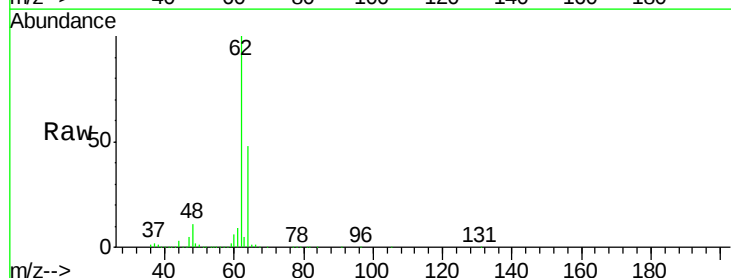
Acq: 28 Jun 2018 09:43

Tgt Ion: 62 Resp: 165298

Ion Ratio Lower Upper

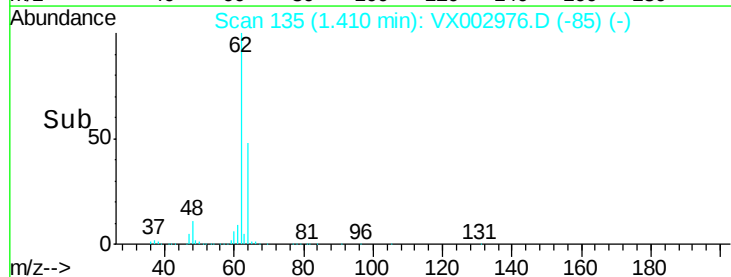
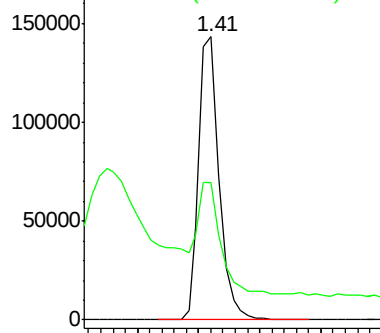
62 100

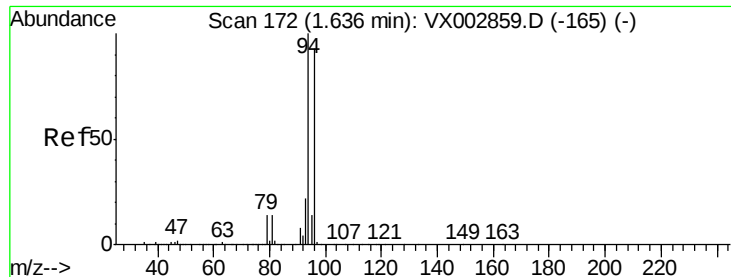
64 39.5 25.4 38.2#



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 26.032 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX002976.D

Acq: 28 Jun 2018 09:43

Instrument :

MSVOA_X

ClientSampleId :

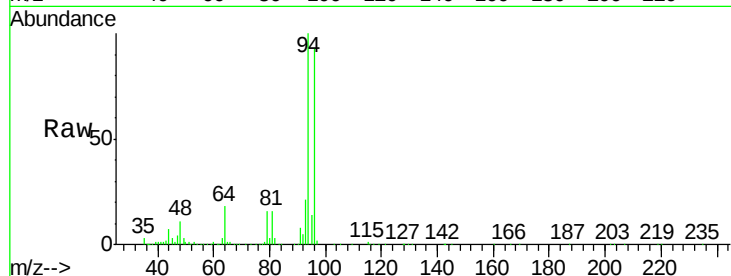
VSTDCCC050EC

Tgt Ion: 94 Resp: 38358

Ion Ratio Lower Upper

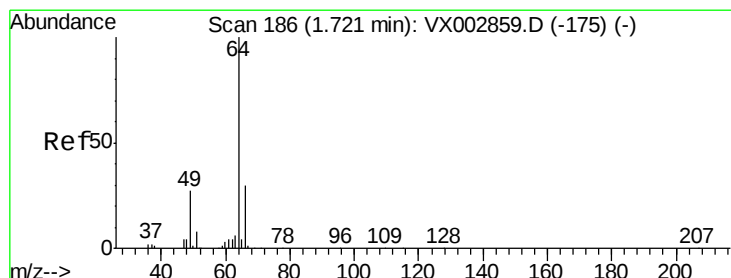
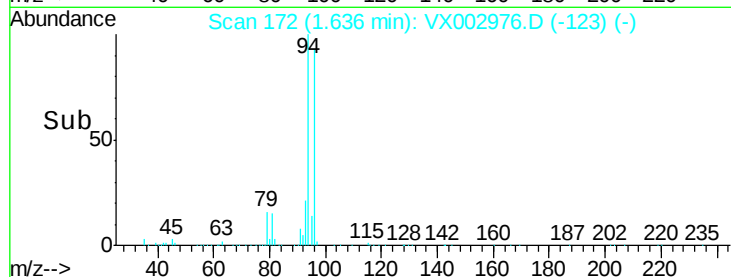
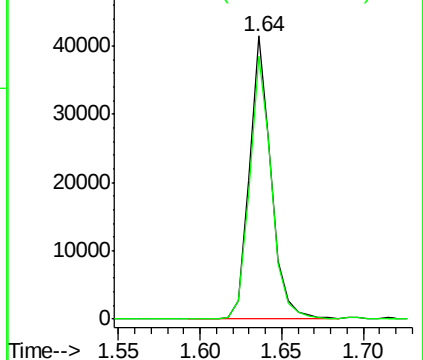
94 100

96 92.8 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: 71.667 ug/l

RT: 1.72 min Scan# 186

Delta R.T. 0.00 min

Lab File: VX002976.D

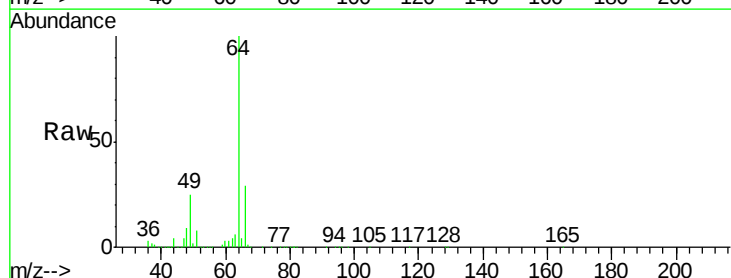
Acq: 28 Jun 2018 09:43

Tgt Ion: 64 Resp: 124773

Ion Ratio Lower Upper

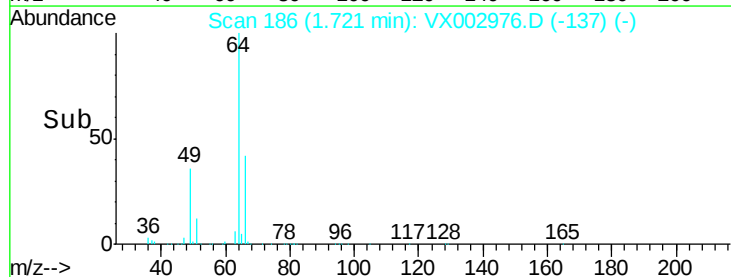
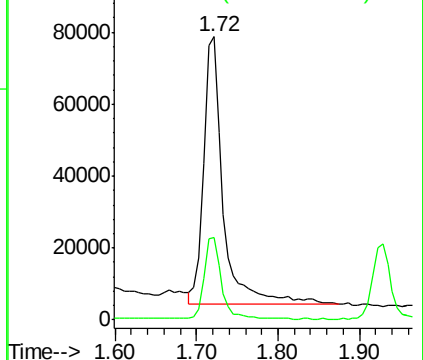
64 100

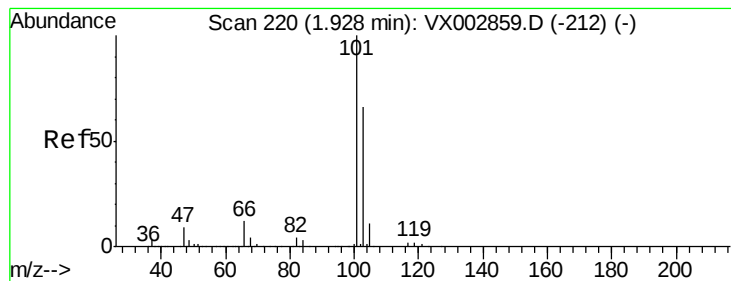
66 30.3 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



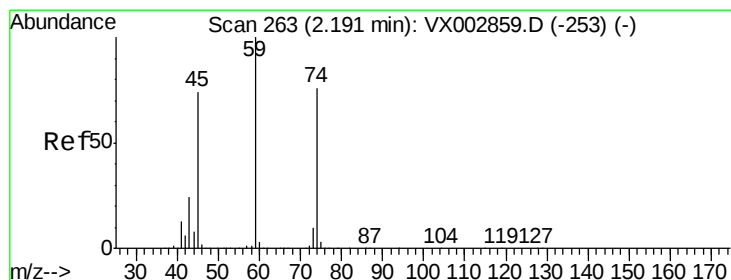
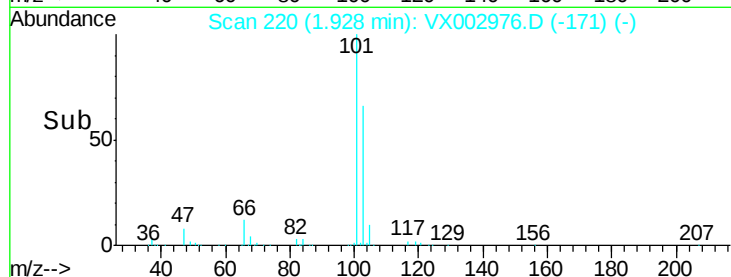
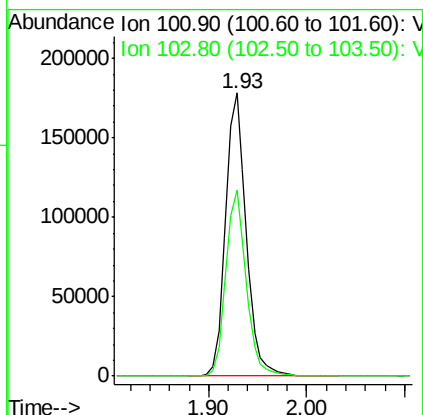
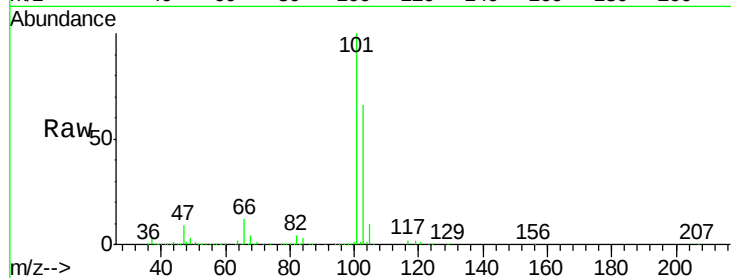


#7

Trichlorofluoromethane
 Concen: 51.519 ug/l
 RT: 1.93 min Scan# 220
 Delta R.T. -0.00 min
 Lab File: VX002976.D
 Acq: 28 Jun 2018 09:43

Instrument :
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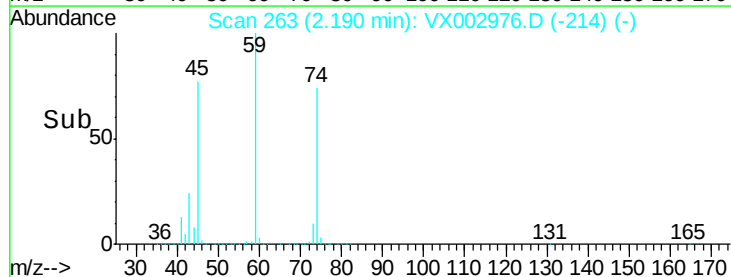
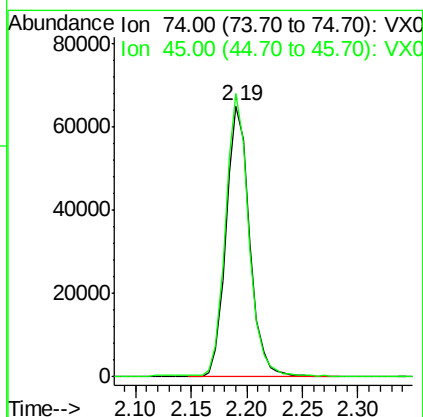
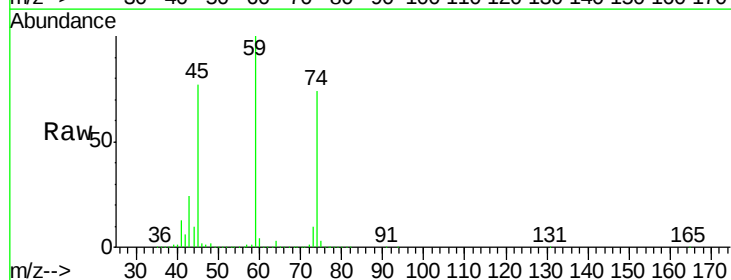
Tgt Ion: 101 Resp: 261231
 Ion Ratio Lower Upper
 101 100
 103 65.8 52.8 79.2



#8

Diethyl Ether
 Concen: 51.573 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. -0.00 min
 Lab File: VX002976.D
 Acq: 28 Jun 2018 09:43

Tgt Ion: 74 Resp: 95068
 Ion Ratio Lower Upper
 74 100
 45 102.1 53.1 159.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.422 ug/l

RT: 2.38 min Scan# 294

Delta R.T. -0.01 min

Lab File: VX002976.D

Acq: 28 Jun 2018 09:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

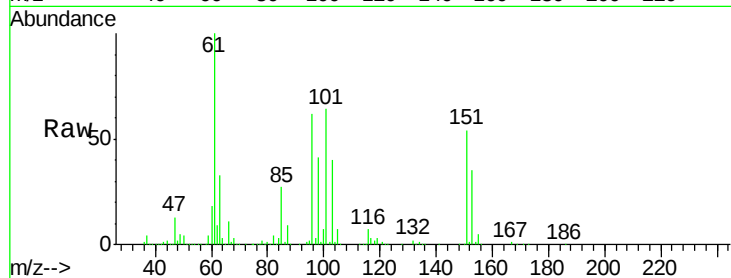
Tgt Ion:101 Resp: 142267

Ion Ratio Lower Upper

101 100

85 45.0 36.0 54.0

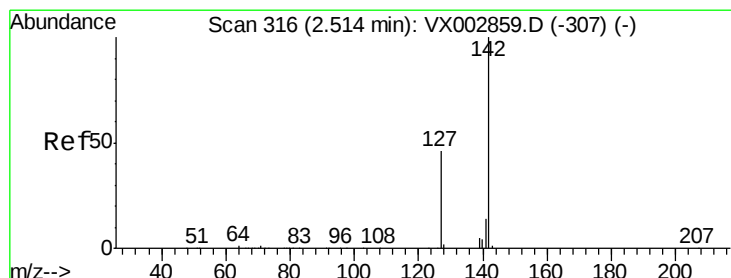
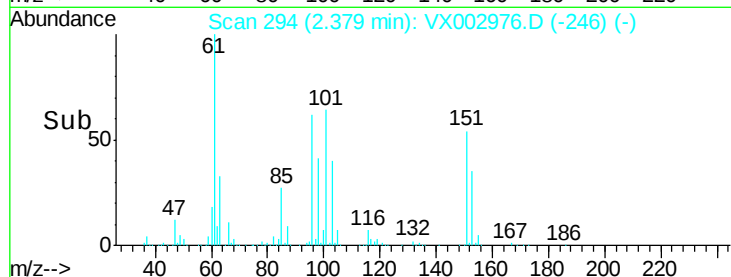
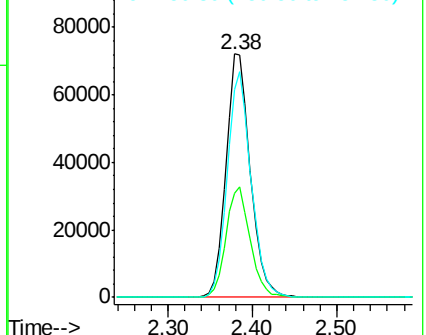
151 90.8 70.9 106.3



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 32.120 ug/l

RT: 2.51 min Scan# 315

Delta R.T. -0.01 min

Lab File: VX002976.D

Acq: 28 Jun 2018 09:43

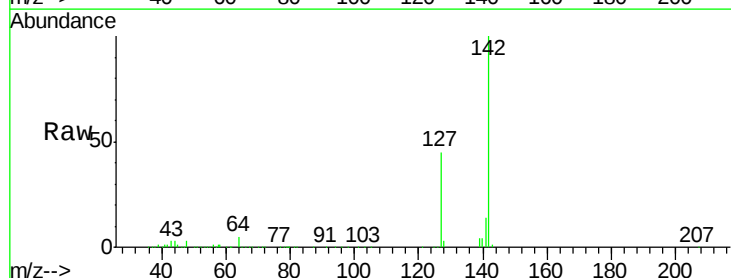
Tgt Ion:142 Resp: 88127

Ion Ratio Lower Upper

142 100

127 44.7 36.6 55.0

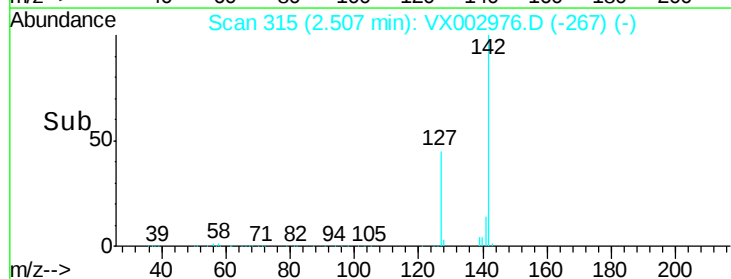
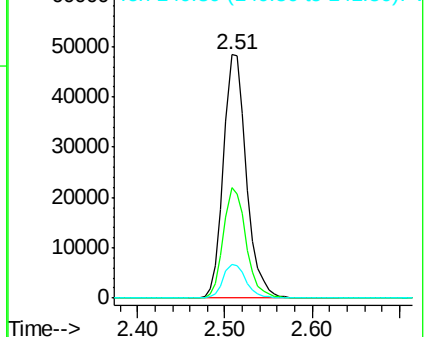
141 14.0 11.3 16.9

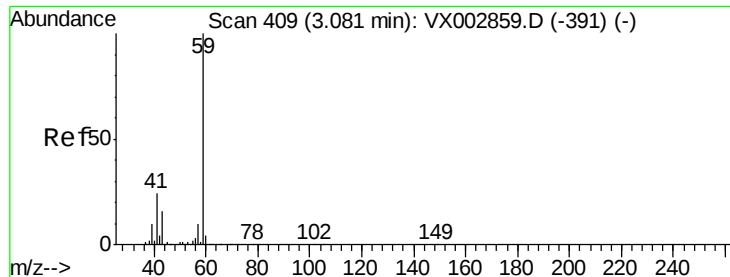


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

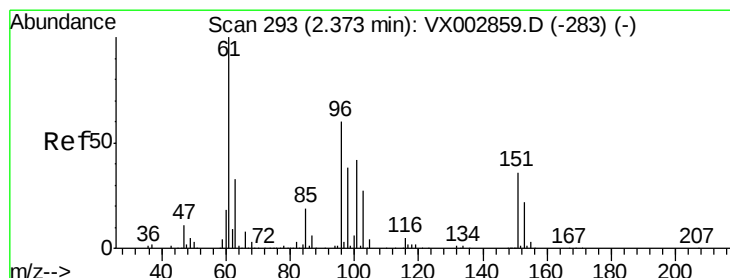
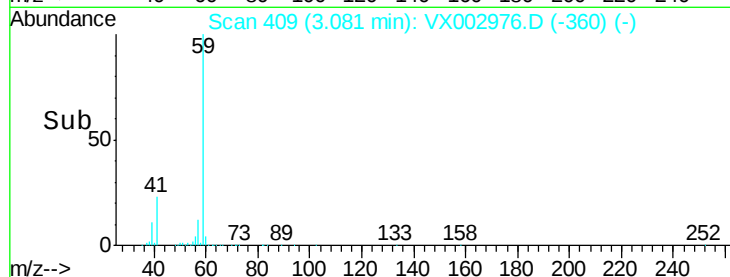
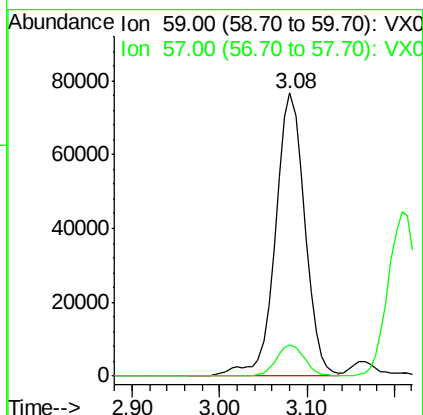
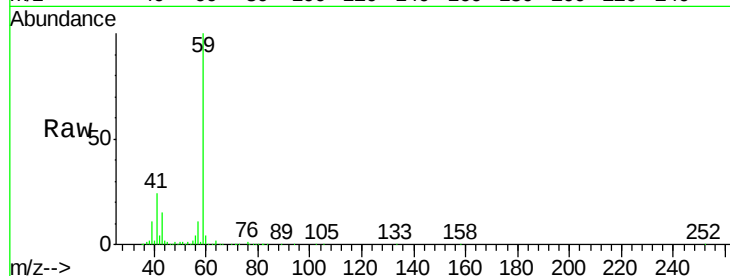




#11
Tert butyl alcohol
Concen: 245.224 ug/l
RT: 3.08 min Scan# 409
Delta R.T. -0.00 min
Lab File: VX002976.D
Acq: 28 Jun 2018 09:43

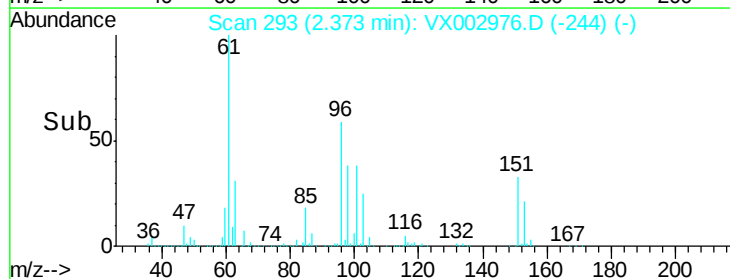
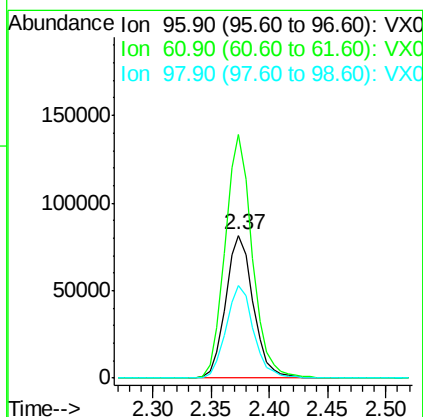
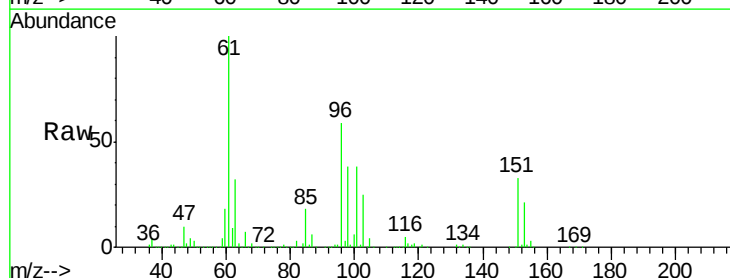
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 59 Resp: 179475
Ion Ratio Lower Upper
59 100
57 10.3 8.2 12.2



#12
1,1-Dichloroethene
Concen: 51.352 ug/l
RT: 2.37 min Scan# 293
Delta R.T. -0.00 min
Lab File: VX002976.D
Acq: 28 Jun 2018 09:43

Tgt Ion: 96 Resp: 134614
Ion Ratio Lower Upper
96 100
61 170.0 137.9 206.9
98 64.9 51.6 77.4

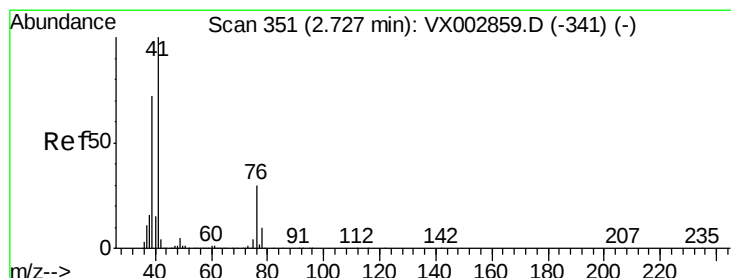
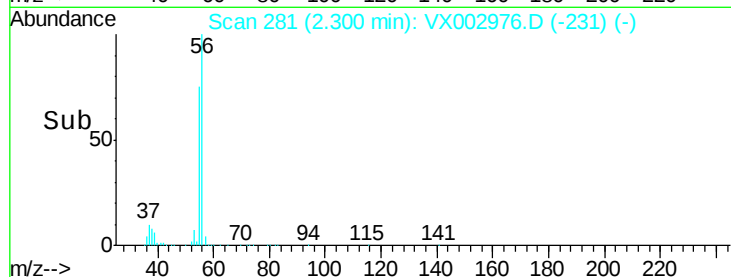
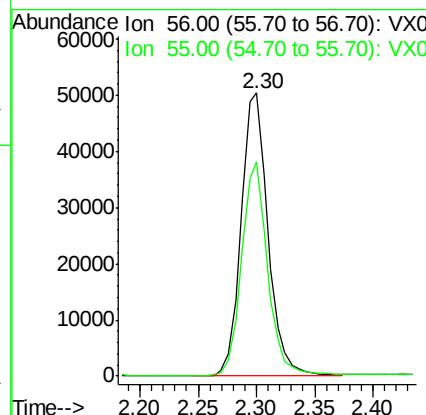
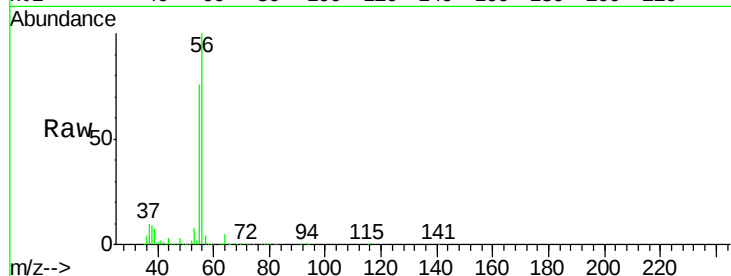




#13
 Acrolein
 Concen: 201.933 ug/l
 RT: 2.30 min Scan# 281
 Delta R.T. 0.01 min
 Lab File: VX002976.D
 Acq: 28 Jun 2018 09:43

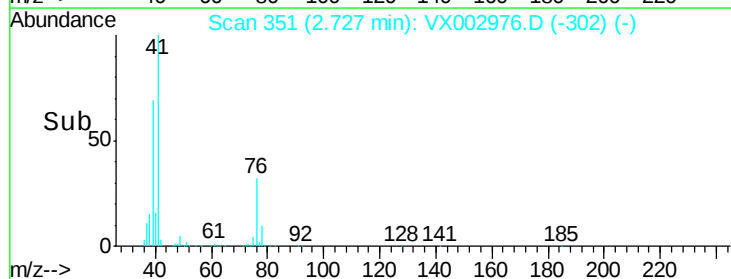
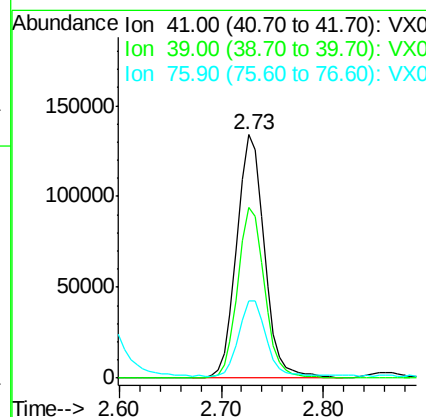
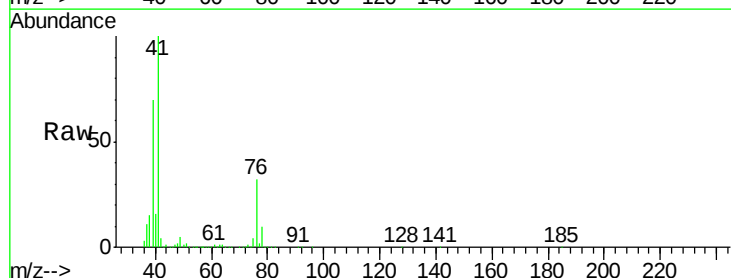
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

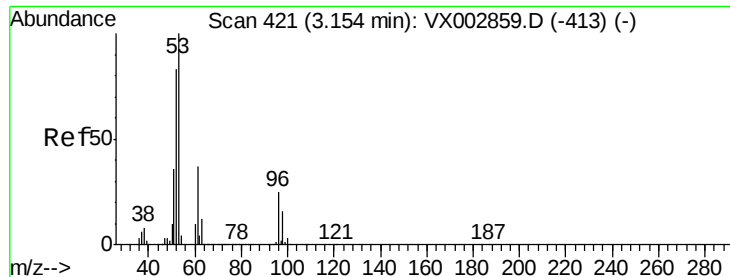
Tgt Ion: 56 Resp: 81599
 Ion Ratio Lower Upper
 56 100
 55 72.2 57.0 85.4



#14
 Allyl chloride
 Concen: 48.671 ug/l
 RT: 2.73 min Scan# 351
 Delta R.T. -0.00 min
 Lab File: VX002976.D
 Acq: 28 Jun 2018 09:43

Tgt Ion: 41 Resp: 251503
 Ion Ratio Lower Upper
 41 100
 39 67.9 56.8 85.2
 76 30.8 23.8 35.8





#15

Acrylonitrile

Concen: 258.873 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.00 min

Lab File: VX002976.D

Acq: 28 Jun 2018 09:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

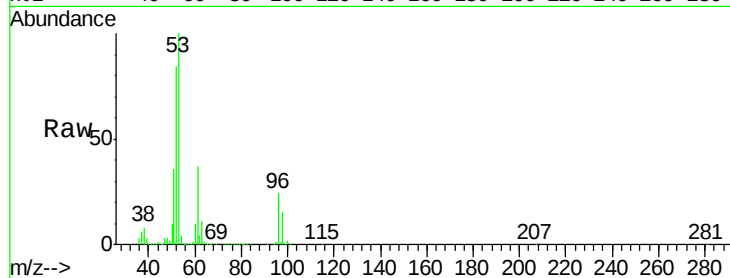
Tgt Ion: 53 Resp: 404687

Ion Ratio Lower Upper

53 100

52 84.2 66.7 100.1

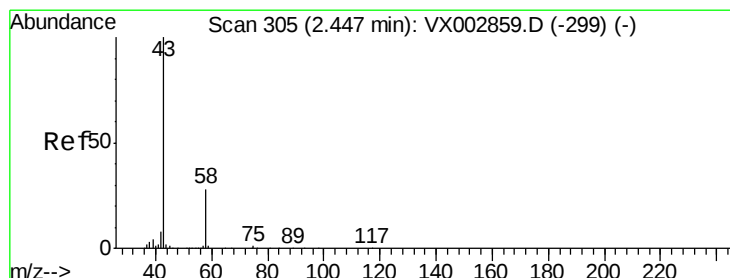
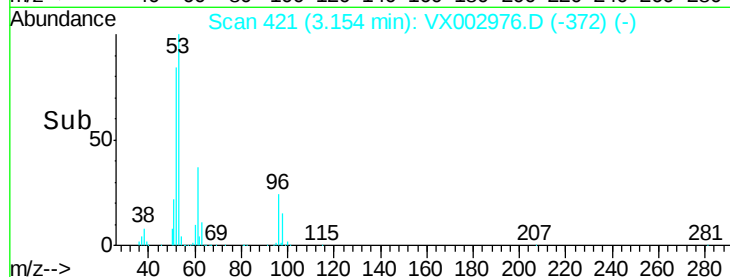
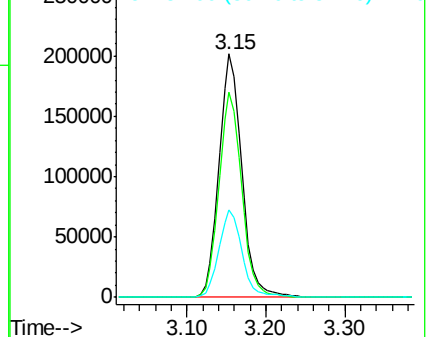
51 36.7 29.9 44.9



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: 247.057 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.01 min

Lab File: VX002976.D

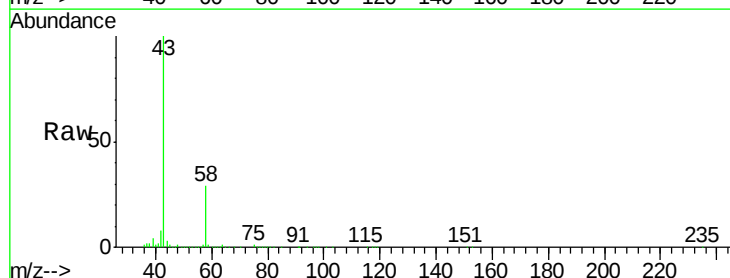
Acq: 28 Jun 2018 09:43

Tgt Ion: 43 Resp: 375894

Ion Ratio Lower Upper

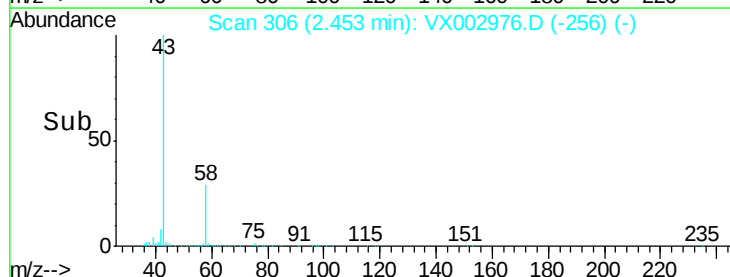
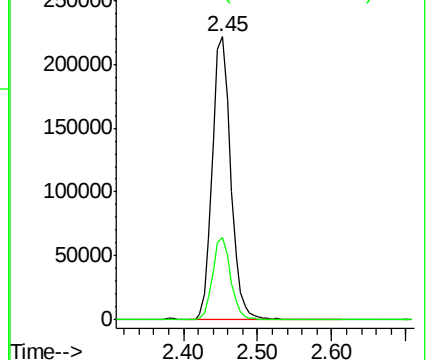
43 100

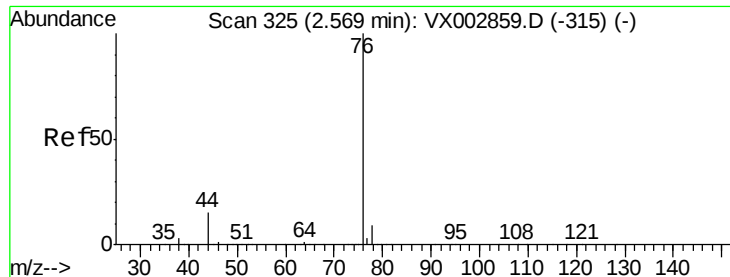
58 29.3 22.1 33.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

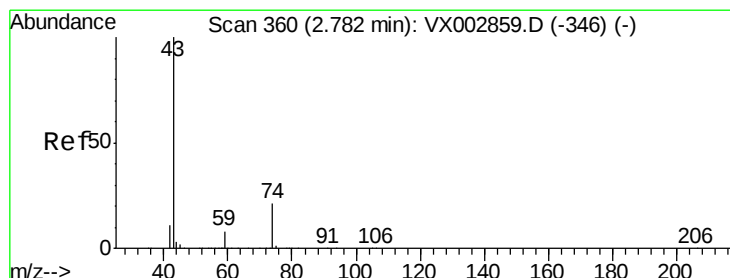
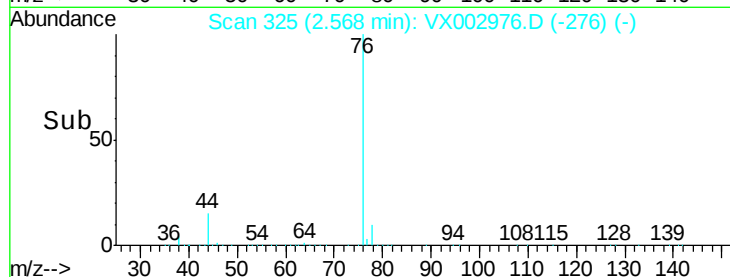
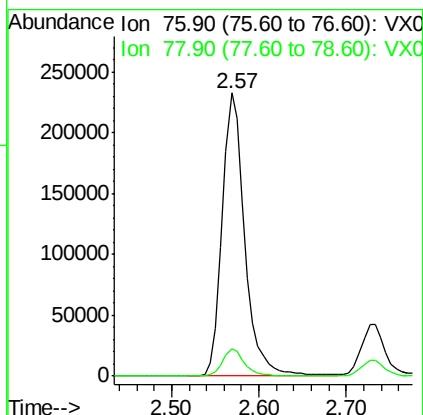
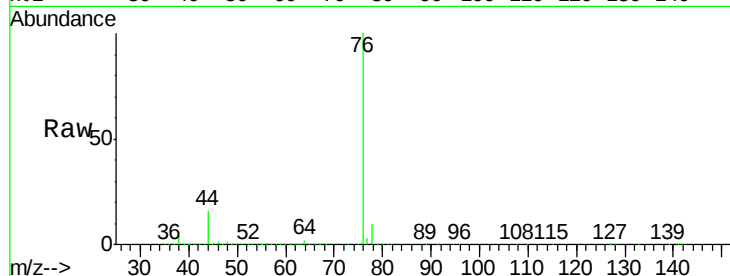




#17
Carbon Disulfide
Concen: 59.647 ug/l
RT: 2.57 min Scan# 325
Delta R.T. -0.00 min
Lab File: VX002976.D
Acq: 28 Jun 2018 09:43

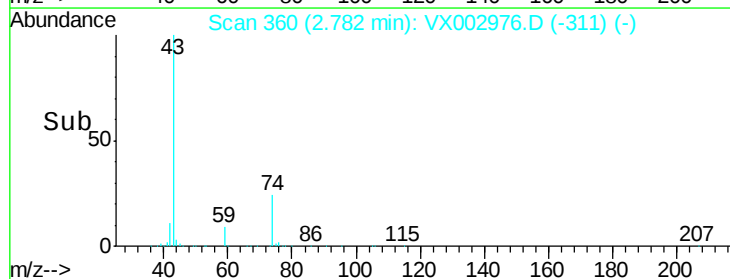
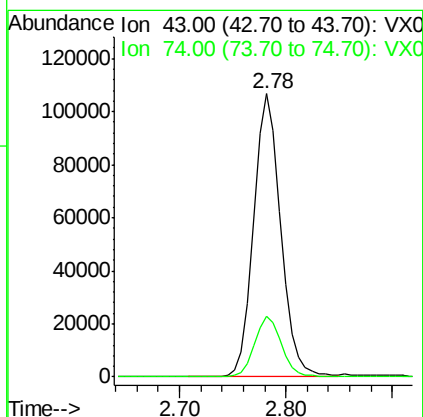
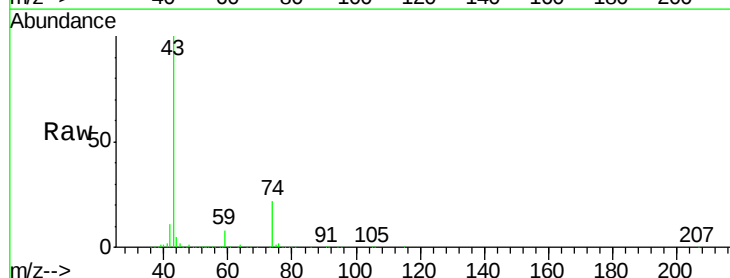
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

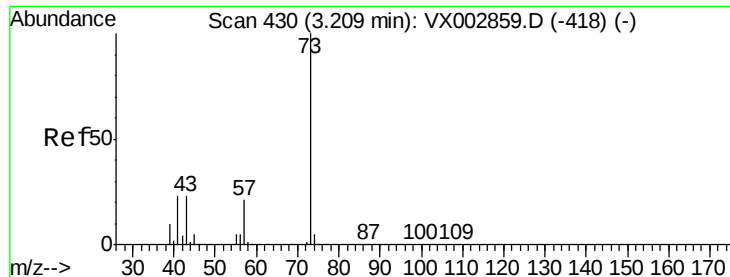
Tgt Ion: 76 Resp: 416602
Ion Ratio Lower Upper
76 100
78 9.6 6.9 10.3



#18
Methyl Acetate
Concen: 44.598 ug/l
RT: 2.78 min Scan# 360
Delta R.T. -0.00 min
Lab File: VX002976.D
Acq: 28 Jun 2018 09:43

Tgt Ion: 43 Resp: 189716
Ion Ratio Lower Upper
43 100
74 21.2 16.7 25.1





#19

Methyl tert-butyl Ether

Concen: 51.034 ug/l

RT: 3.21 min Scan# 430

Delta R.T. -0.00 min

Lab File: VX002976.D

Acq: 28 Jun 2018 09:43

Instrument :

MSVOA_X

ClientSampleId :

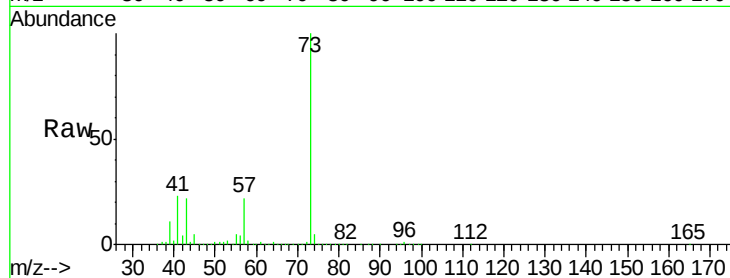
VSTDCCC050EC

Tgt Ion: 73 Resp: 480950

Ion Ratio Lower Upper

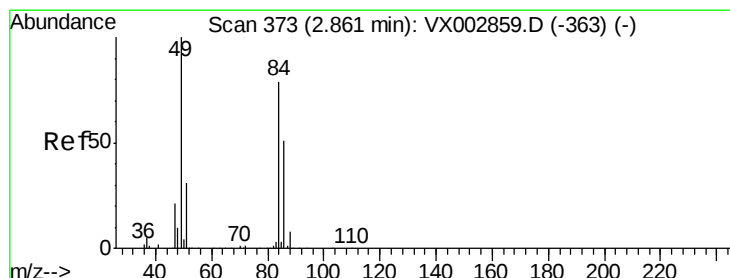
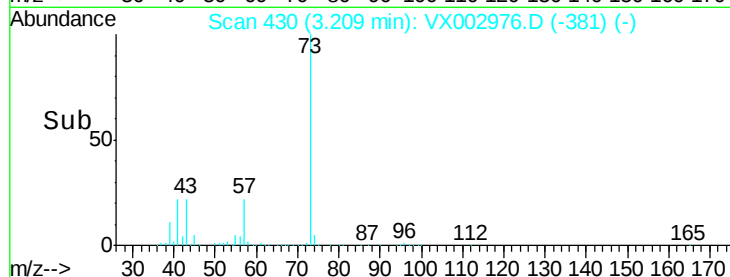
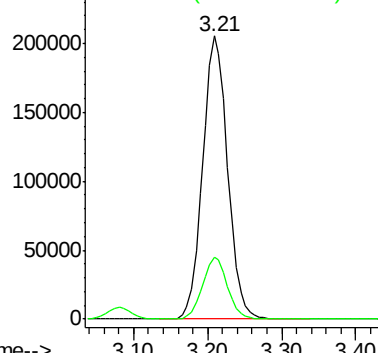
73 100

57 21.7 17.7 26.5



Abundance Ion 73.00 (72.70 to 73.70): VX0

Ion 57.00 (56.70 to 57.70): VX0



#20

Methylene Chloride

Concen: 50.029 ug/l

RT: 2.86 min Scan# 373

Delta R.T. -0.00 min

Lab File: VX002976.D

Acq: 28 Jun 2018 09:43

Tgt Ion: 84 Resp: 148127

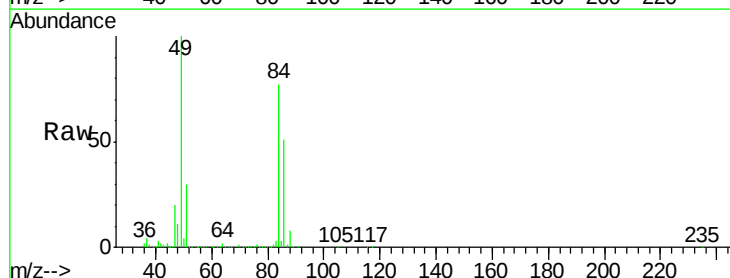
Ion Ratio Lower Upper

84 100

49 129.4 107.8 161.6

51 38.3 32.8 49.2

86 66.3 52.5 78.7

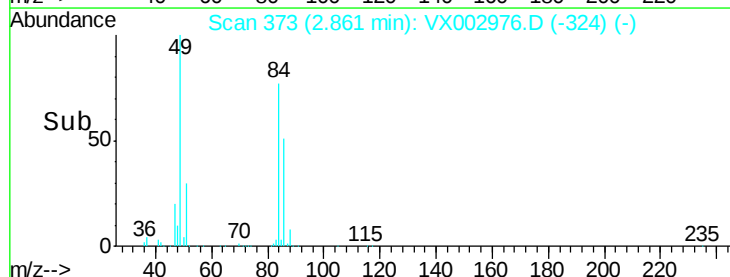
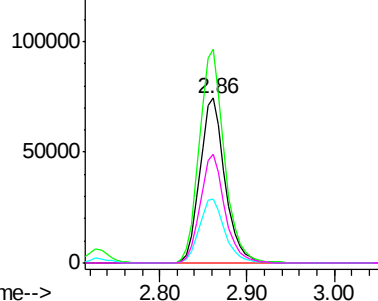


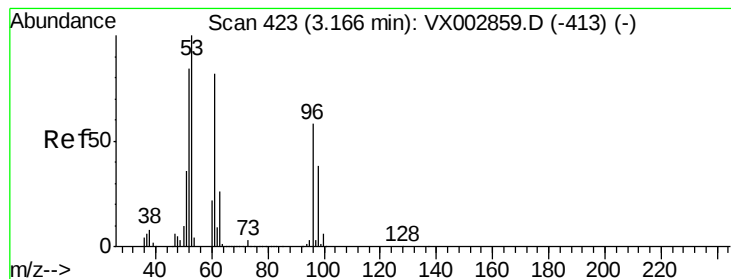
Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0





#21

trans-1,2-Dichloroethene

Concen: 50.741 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX002976.D

Acq: 28 Jun 2018 09:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

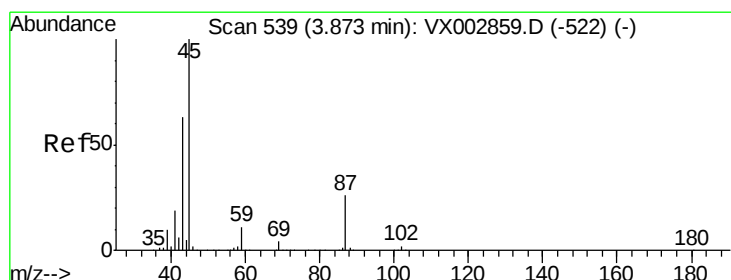
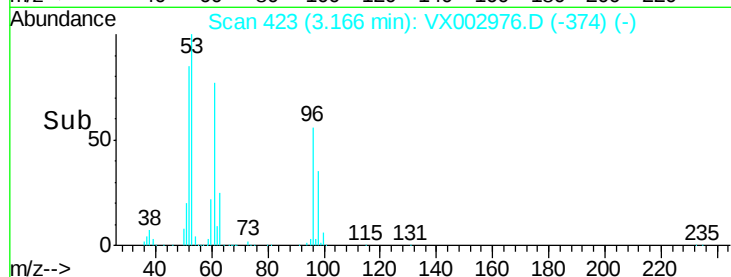
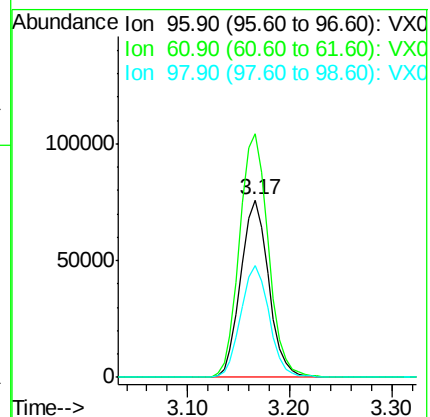
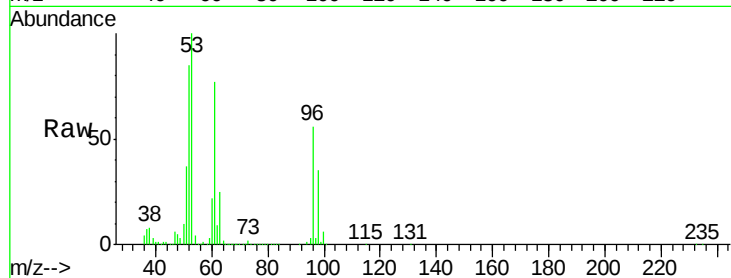
Tgt Ion: 96 Resp: 144875

Ion Ratio Lower Upper

96 100

61 137.0 117.0 175.4

98 63.3 52.4 78.6



#22

Diisopropyl ether

Concen: 51.846 ug/l

RT: 3.88 min Scan# 540

Delta R.T. 0.01 min

Lab File: VX002976.D

Acq: 28 Jun 2018 09:43

Tgt Ion: 45 Resp: 512113

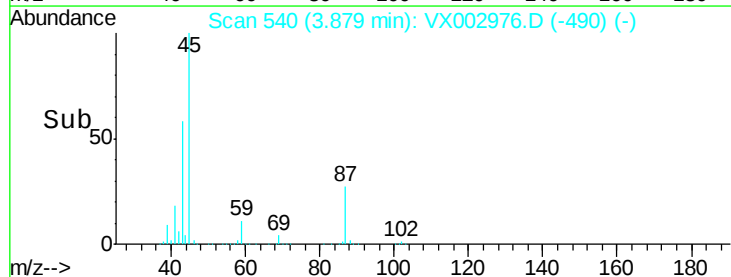
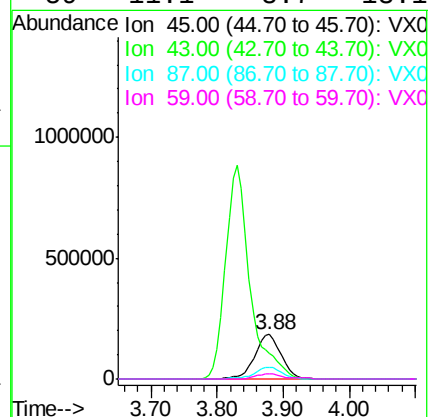
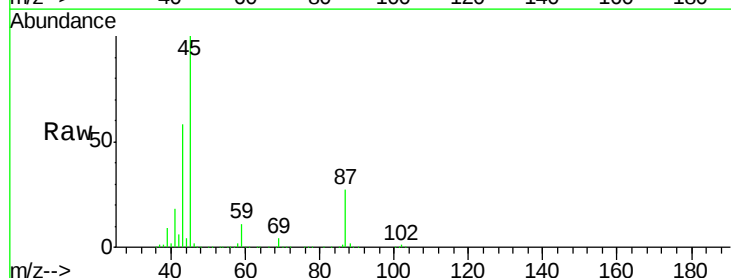
Ion Ratio Lower Upper

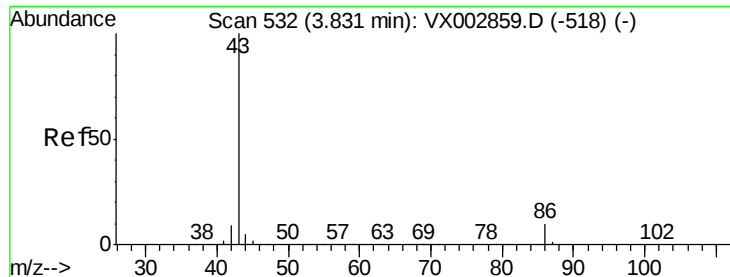
45 100

43 58.2 46.8 70.2

87 26.7 20.2 30.4

59 11.1 8.7 13.1

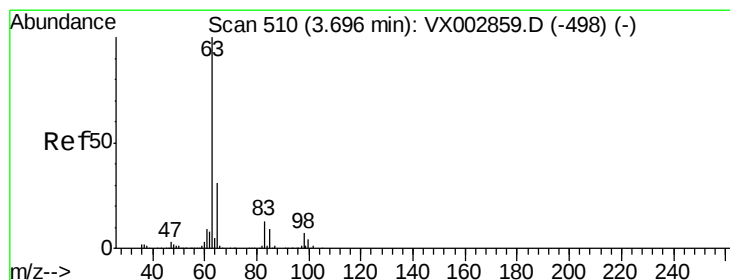
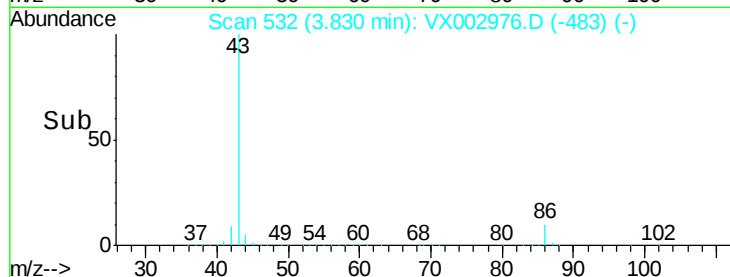
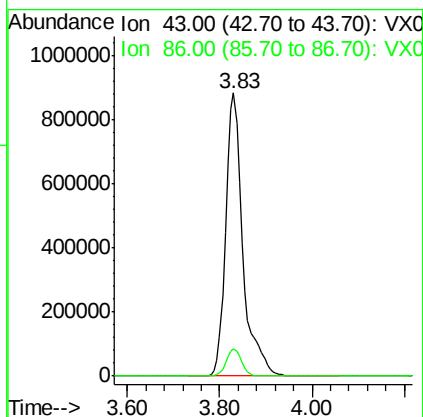
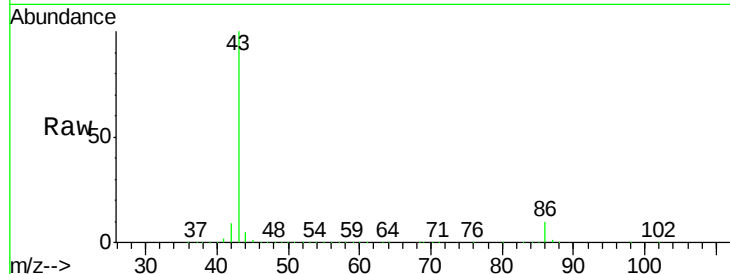




#23
 Vinyl Acetate
 Concen: 271.914 ug/l
 RT: 3.83 min Scan# 532
 Delta R.T. -0.00 min
 Lab File: VX002976.D
 Acq: 28 Jun 2018 09:43

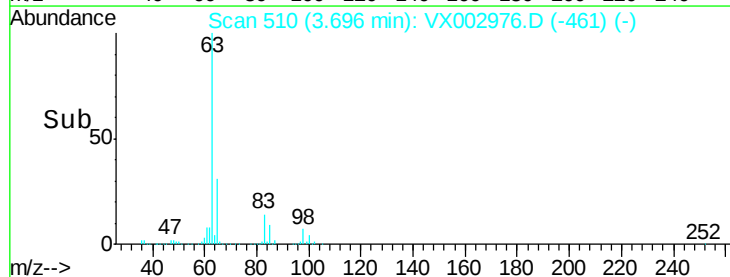
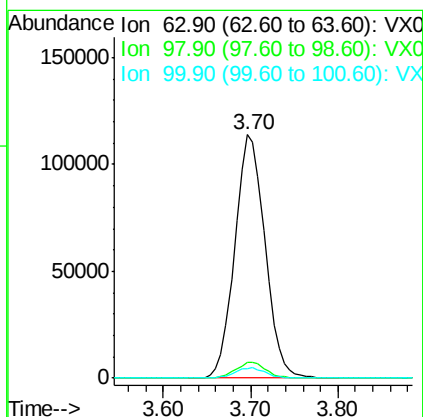
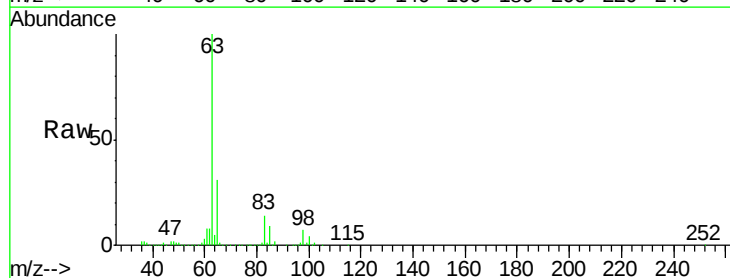
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

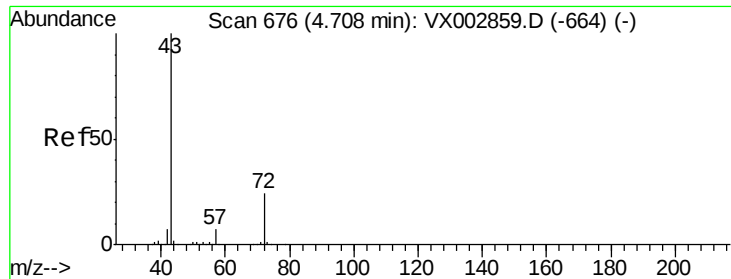
Tgt Ion: 43 Resp: 2274285
 Ion Ratio Lower Upper
 43 100
 86 9.6 7.4 11.0



#24
 1,1-Dichloroethane
 Concen: 51.020 ug/l
 RT: 3.70 min Scan# 510
 Delta R.T. -0.00 min
 Lab File: VX002976.D
 Acq: 28 Jun 2018 09:43

Tgt Ion: 63 Resp: 273907
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.4 10.2
 100 4.1 2.0 6.0





#25

2-Butanone

Concen: 262.341 ug/l

RT: 4.71 min Scan# 677

Delta R.T. 0.01 min

Lab File: VX002976.D

Acq: 28 Jun 2018 09:43

Instrument :

MSVOA_X

ClientSampleId :

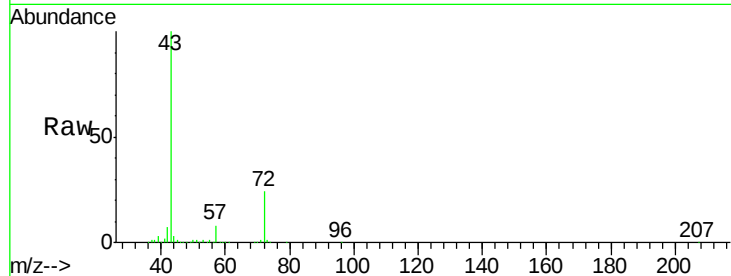
VSTDCCC050EC

Tgt Ion: 43 Resp: 592375

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

250000

200000

150000

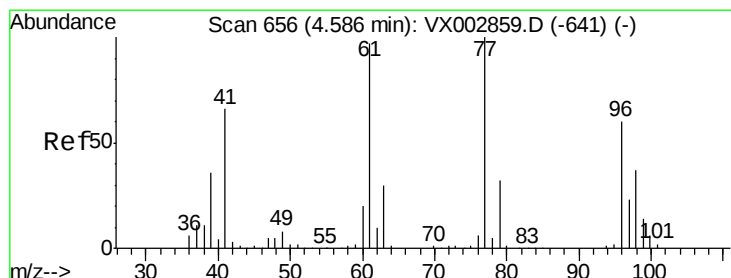
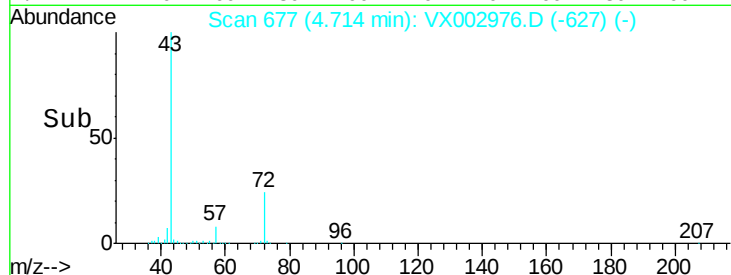
100000

50000

0

4.60 4.70 4.80

Time-->



#26

2,2-Dichloropropane

Concen: 27.748 ug/l

RT: 4.59 min Scan# 656

Delta R.T. -0.00 min

Lab File: VX002976.D

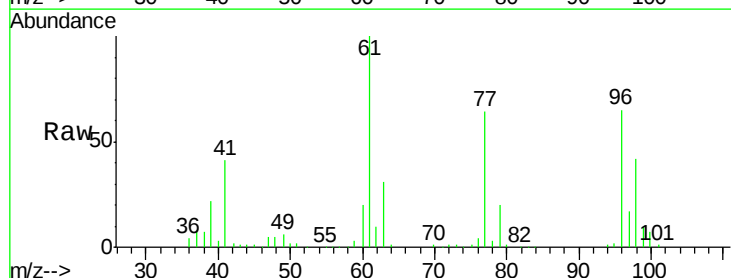
Acq: 28 Jun 2018 09:43

Tgt Ion: 77 Resp: 121135

Ion Ratio Lower Upper

77 100

97 25.2 11.2 33.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

40000

30000

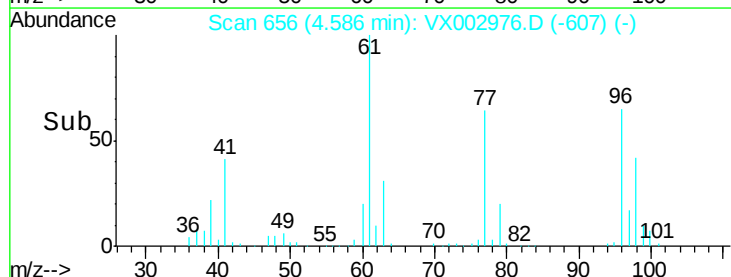
20000

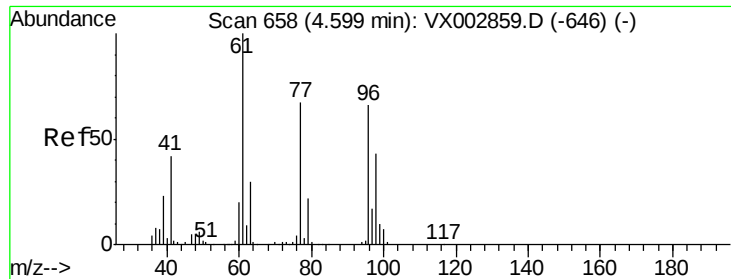
10000

0

4.40 4.50 4.60 4.70

Time-->

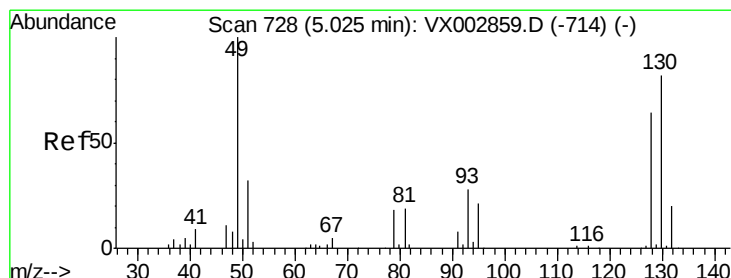
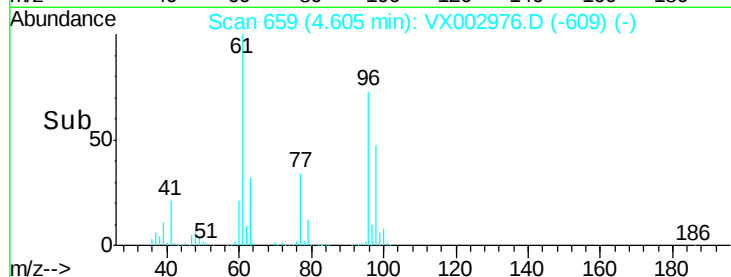
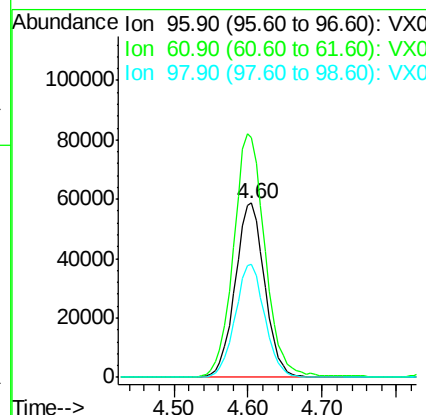
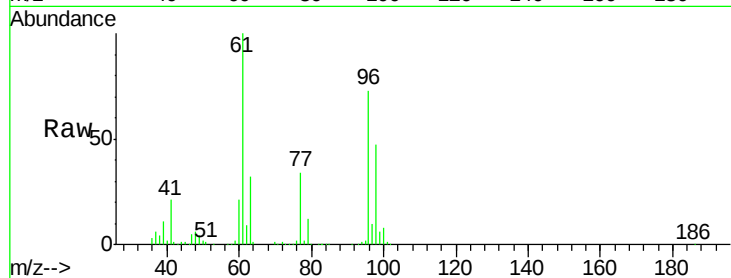




#27
 cis-1,2-Dichloroethene
 Concen: 51.005 ug/l
 RT: 4.60 min Scan# 659
 Delta R.T. 0.01 min
 Lab File: VX002976.D
 Acq: 28 Jun 2018 09:43

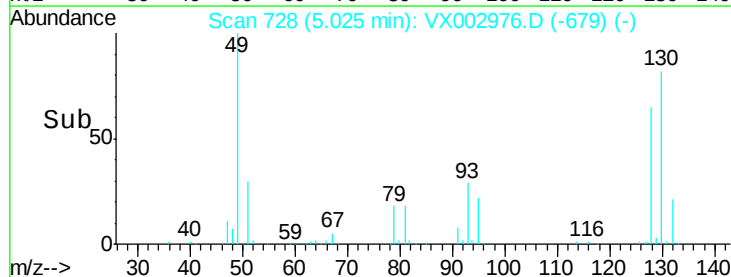
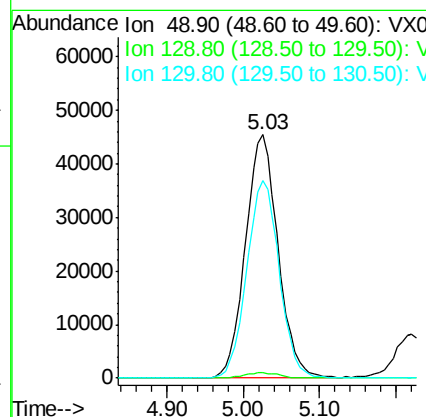
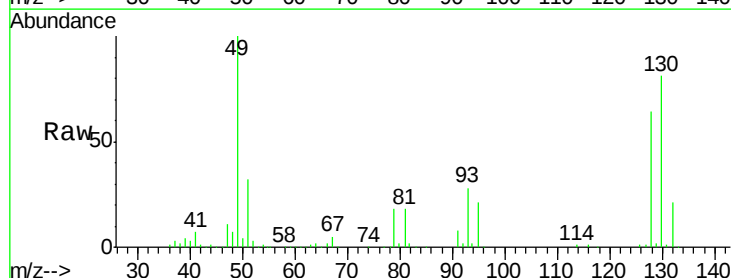
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

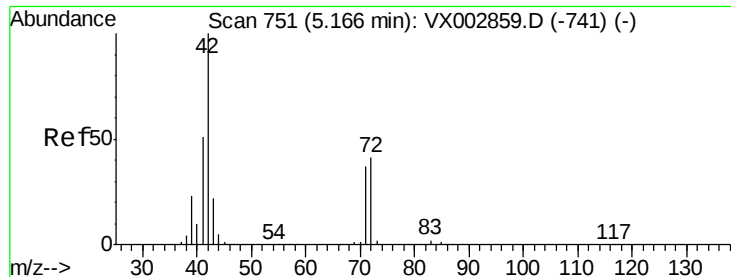
Tgt Ion: 96 Resp: 163281
 Ion Ratio Lower Upper
 96 100
 61 150.3 0.0 330.2
 98 65.0 0.0 130.2



#28
 Bromochloromethane
 Concen: 52.391 ug/l
 RT: 5.03 min Scan# 728
 Delta R.T. -0.00 min
 Lab File: VX002976.D
 Acq: 28 Jun 2018 09:43

Tgt Ion: 49 Resp: 134631
 Ion Ratio Lower Upper
 49 100
 129 2.3 0.0 4.2
 130 80.7 61.2 91.8

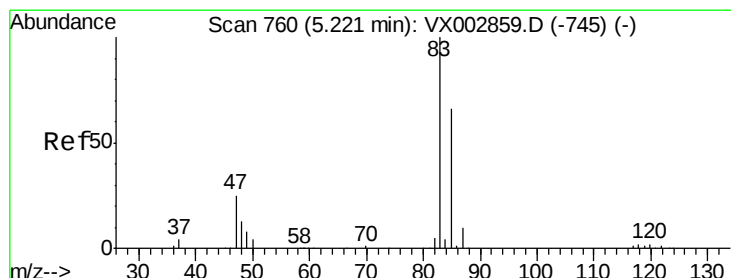
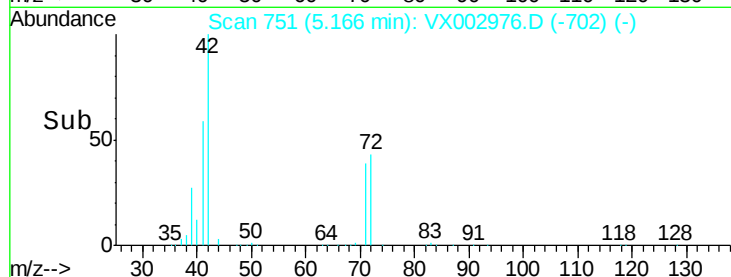
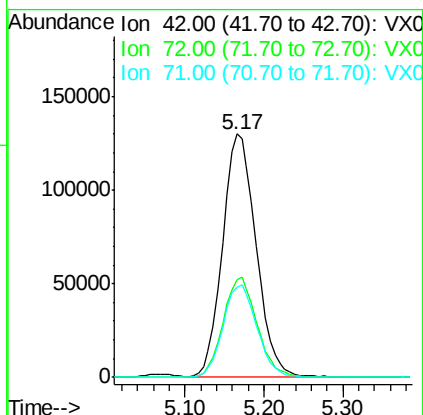
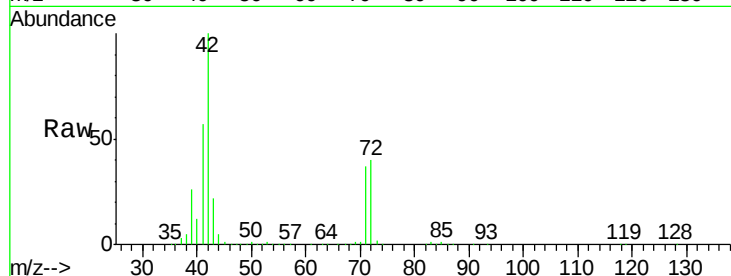




#29
Tetrahydrofuran
Concen: 264.954 ug/l
RT: 5.17 min Scan# 751
Delta R.T. -0.00 min
Lab File: VX002976.D
Acq: 28 Jun 2018 09:43

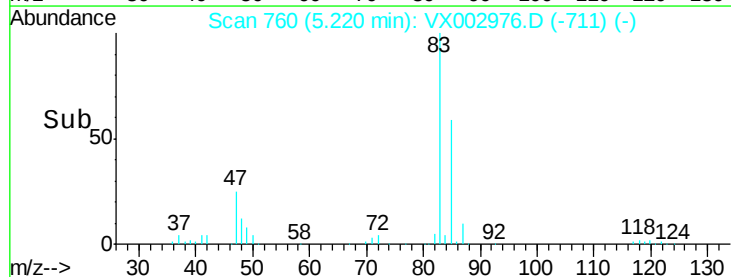
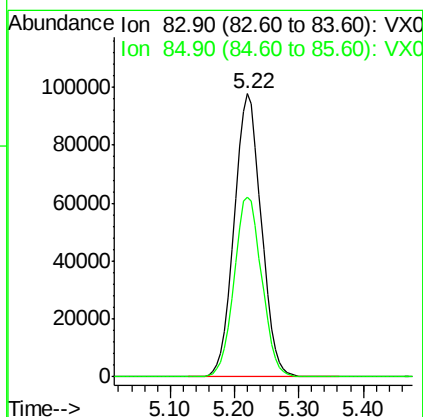
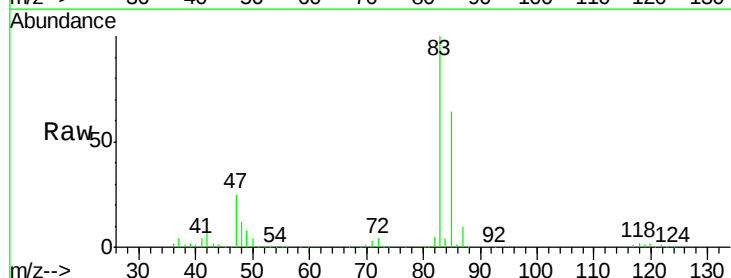
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

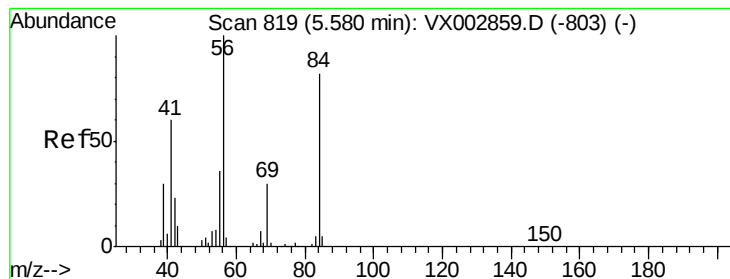
Tgt Ion: 42 Resp: 383658
Ion Ratio Lower Upper
42 100
72 41.7 32.0 48.0
71 38.7 30.1 45.1



#30
Chloroform
Concen: 51.809 ug/l
RT: 5.22 min Scan# 760
Delta R.T. -0.00 min
Lab File: VX002976.D
Acq: 28 Jun 2018 09:43

Tgt Ion: 83 Resp: 285452
Ion Ratio Lower Upper
83 100
85 63.6 50.4 75.6





#31

Cyclohexane

Concen: 52.624 ug/l

RT: 5.58 min Scan# 819

Delta R.T. -0.00 min

Lab File: VX002976.D

Acq: 28 Jun 2018 09:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

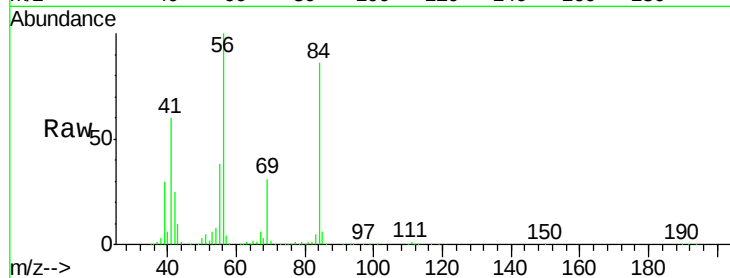
Tgt Ion: 56 Resp: 242459

Ion Ratio Lower Upper

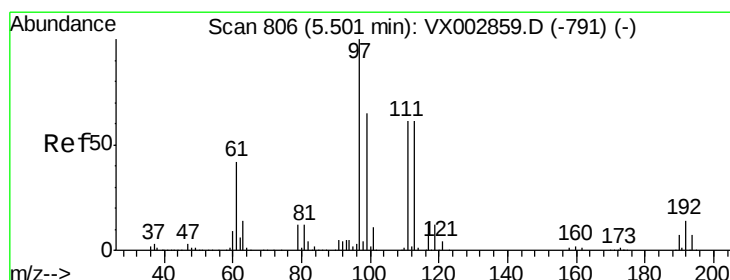
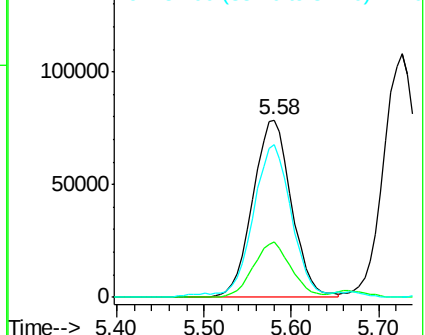
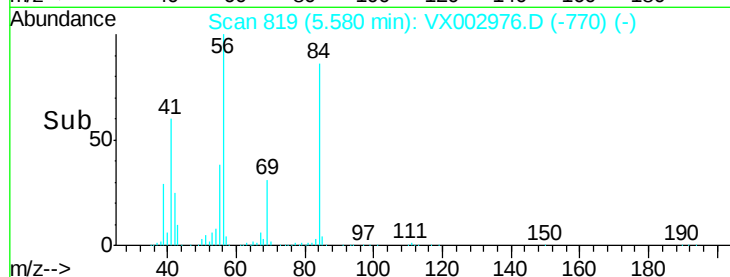
56 100

69 31.1 23.7 35.5

84 84.7 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: 53.603 ug/l

RT: 5.50 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX002976.D

Acq: 28 Jun 2018 09:43

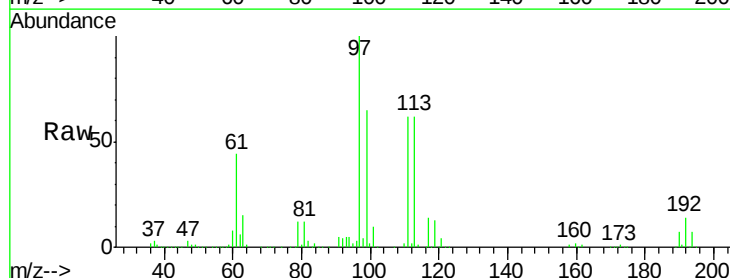
Tgt Ion: 97 Resp: 259841

Ion Ratio Lower Upper

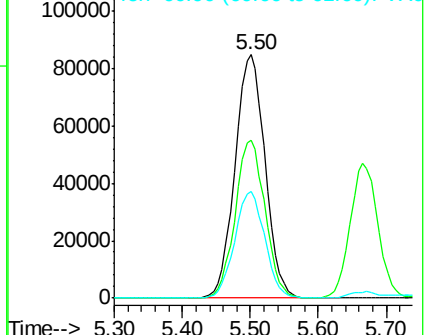
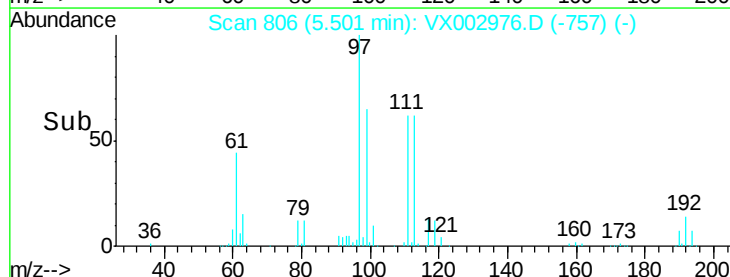
97 100

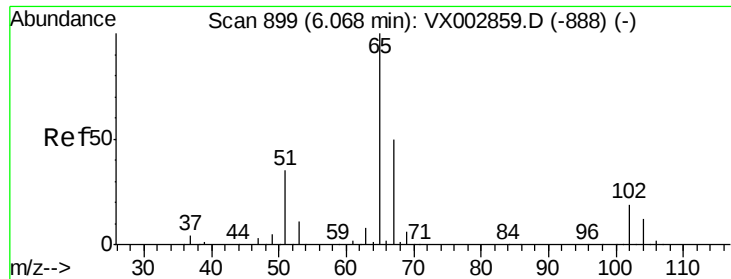
99 64.5 51.6 77.4

61 44.1 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: 52.376 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.01 min

Lab File: VX002976.D

Acq: 28 Jun 2018 09:43

Instrument :

MSVOA_X

ClientSampleId :

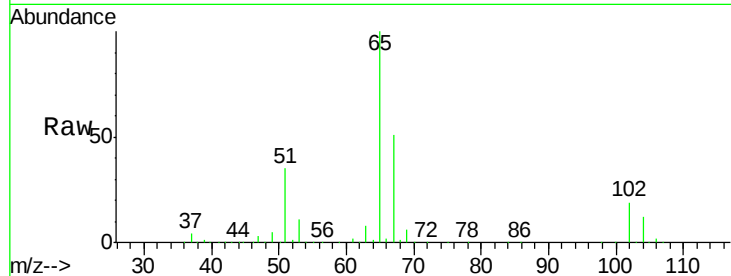
VSTDCCC050EC

Tgt Ion: 65 Resp: 192428

Ion Ratio Lower Upper

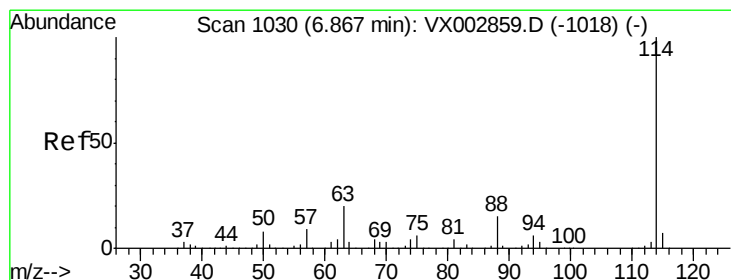
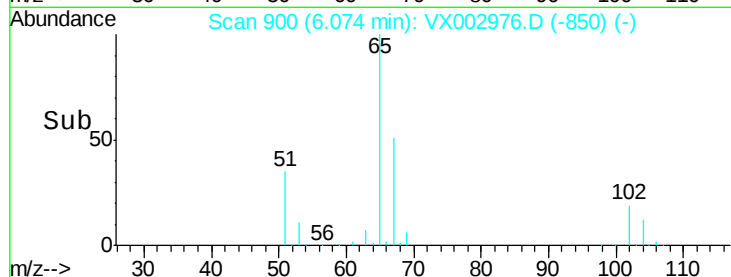
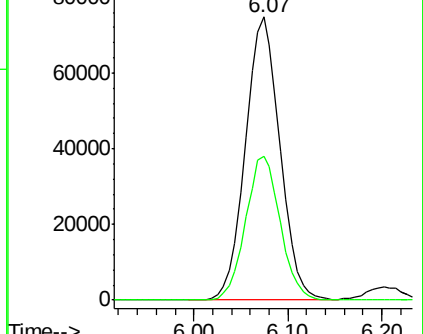
65 100

67 51.0 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: 50.000 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VX002976.D

Acq: 28 Jun 2018 09:43

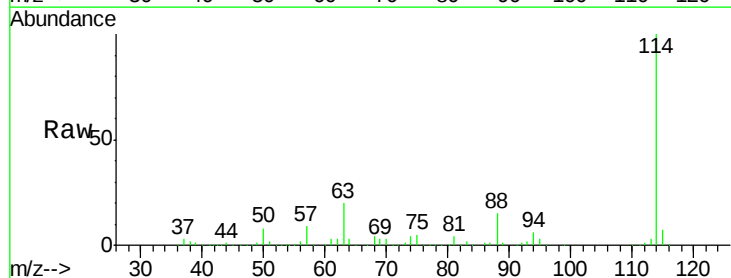
Tgt Ion: 114 Resp: 378169

Ion Ratio Lower Upper

114 100

63 20.2 0.0 41.4

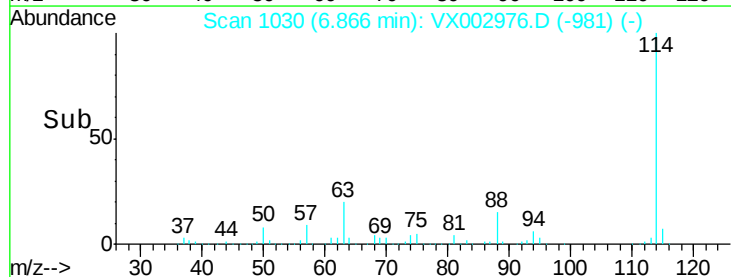
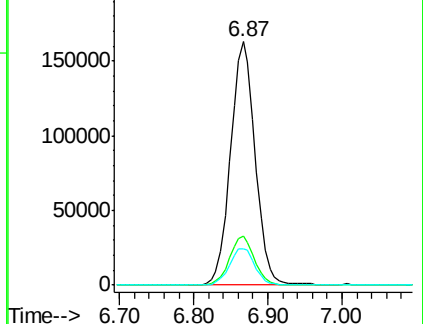
88 14.9 0.0 30.0

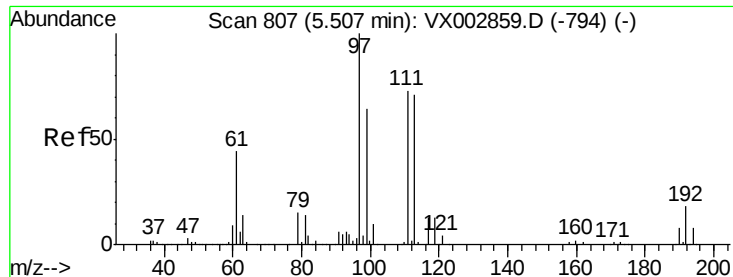


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 52.302 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.00 min

Lab File: VX002976.D

Acq: 28 Jun 2018 09:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

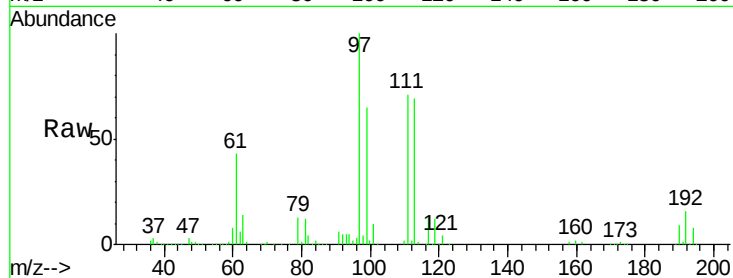
Tgt Ion:113 Resp: 156630

Ion Ratio Lower Upper

113 100

111 102.0 81.4 122.0

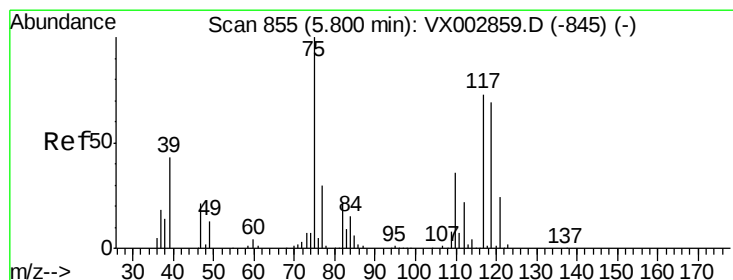
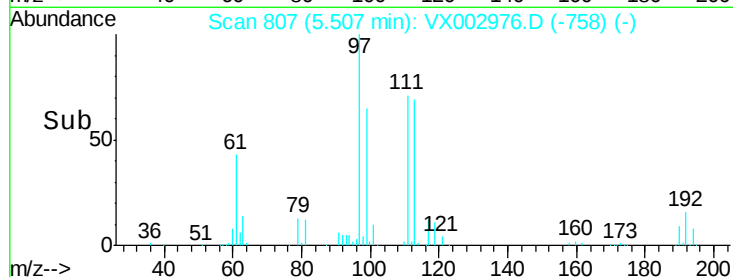
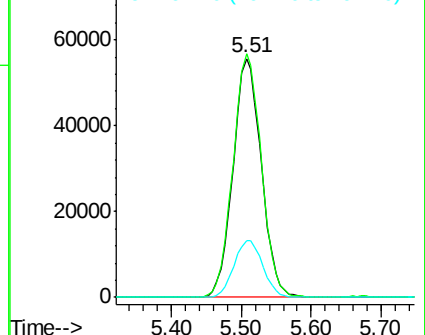
192 24.4 19.1 28.7



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: 50.194 ug/l

RT: 5.81 min Scan# 856

Delta R.T. 0.01 min

Lab File: VX002976.D

Acq: 28 Jun 2018 09:43

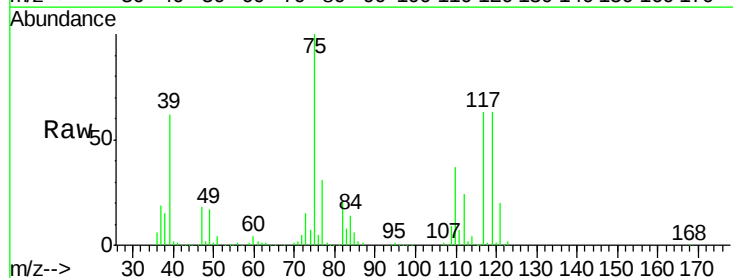
Tgt Ion: 75 Resp: 208161

Ion Ratio Lower Upper

75 100

110 36.8 18.1 54.4

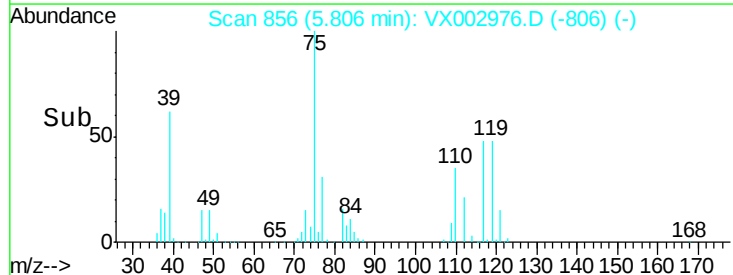
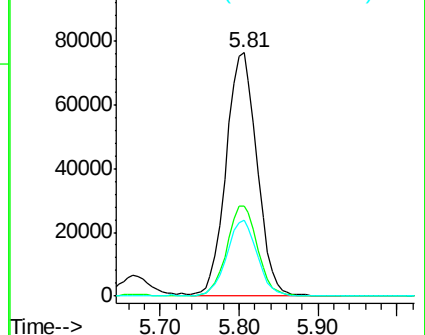
77 30.4 24.3 36.5

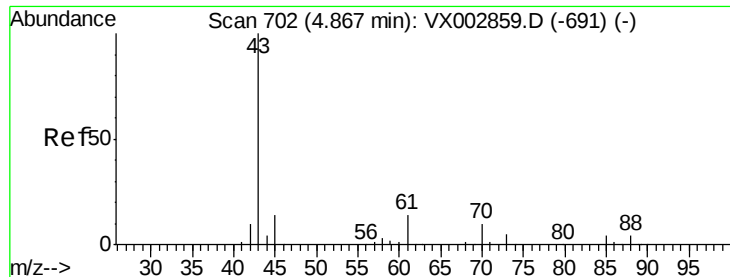


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

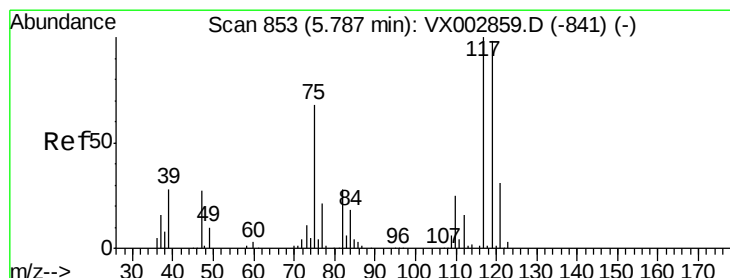
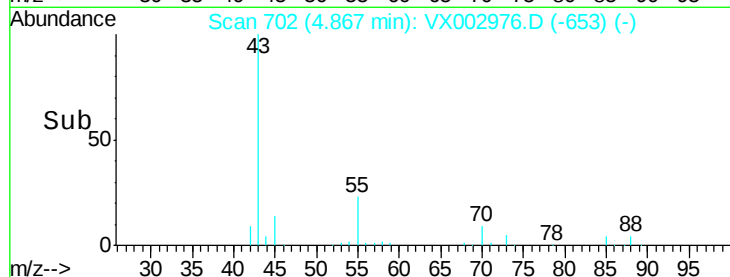
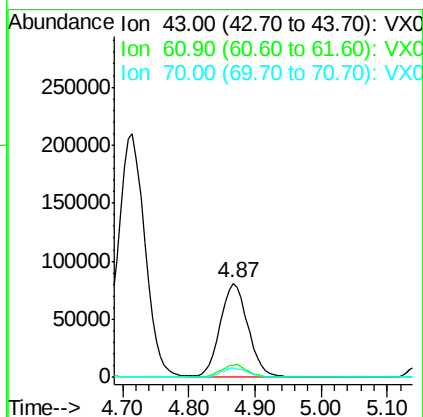
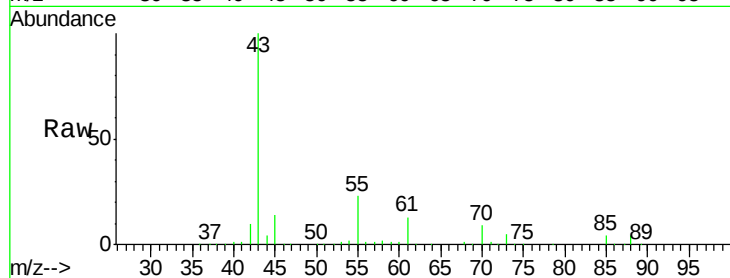




#37
Ethyl Acetate
Concen: 53.140 ug/l
RT: 4.87 min Scan# 702
Delta R.T. -0.00 min
Lab File: VX002976.D
Acq: 28 Jun 2018 09:43

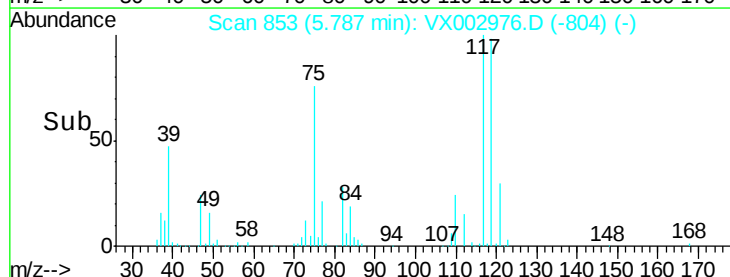
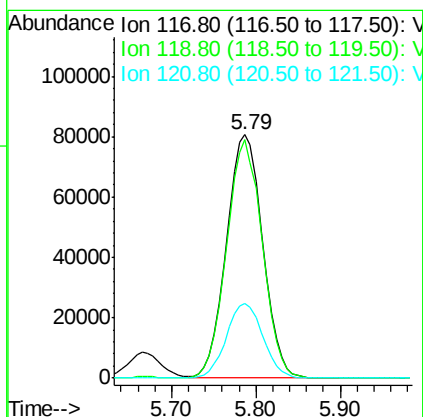
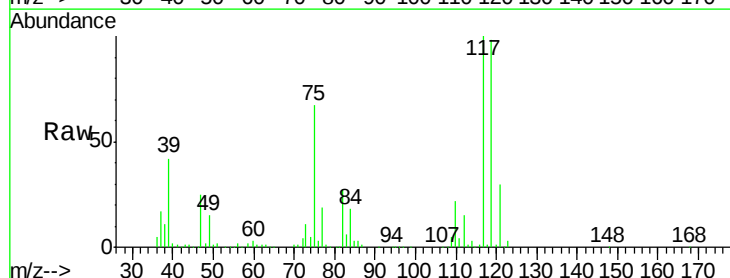
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

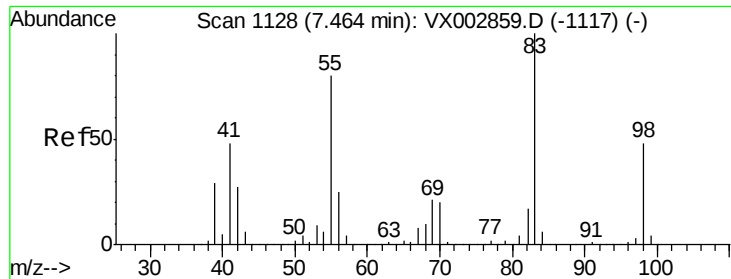
Tgt Ion: 43 Resp: 237285
Ion Ratio Lower Upper
43 100
61 12.8 10.4 15.6
70 9.6 7.6 11.4



#38
Carbon Tetrachloride
Concen: 51.718 ug/l
RT: 5.79 min Scan# 853
Delta R.T. -0.00 min
Lab File: VX002976.D
Acq: 28 Jun 2018 09:43

Tgt Ion: 117 Resp: 235366
Ion Ratio Lower Upper
117 100
119 98.1 77.4 116.0
121 30.5 24.4 36.6

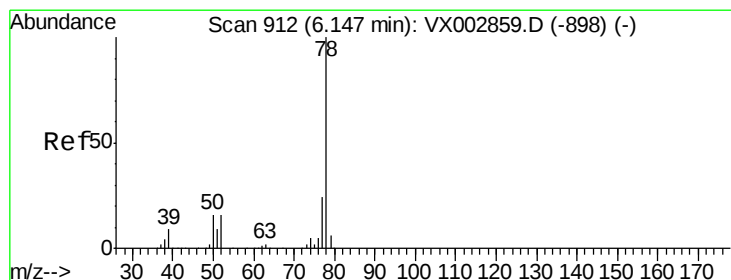
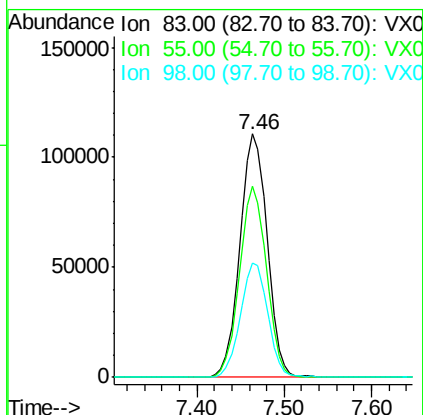
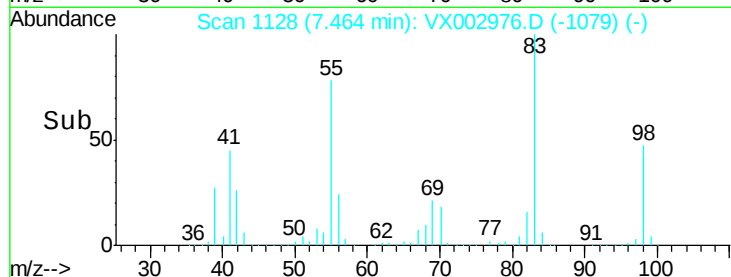
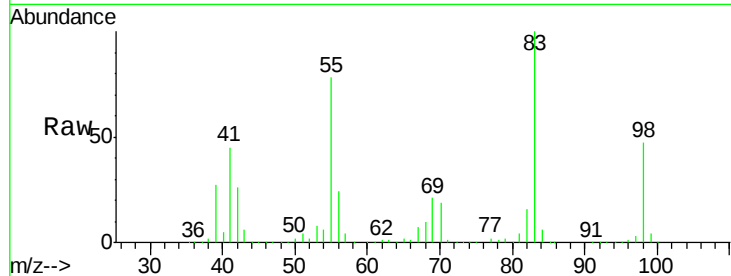




#39
Methylcyclohexane
Concen: 49.635 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VX002976.D
Acq: 28 Jun 2018 09:43

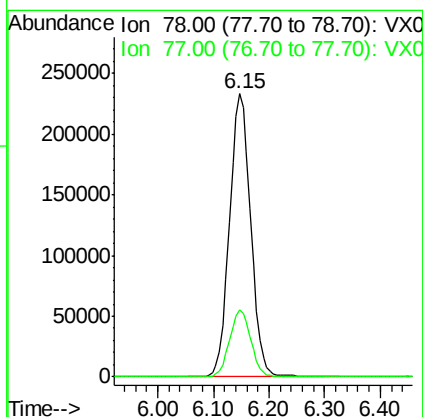
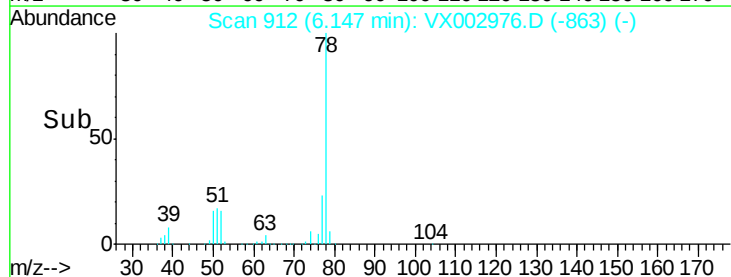
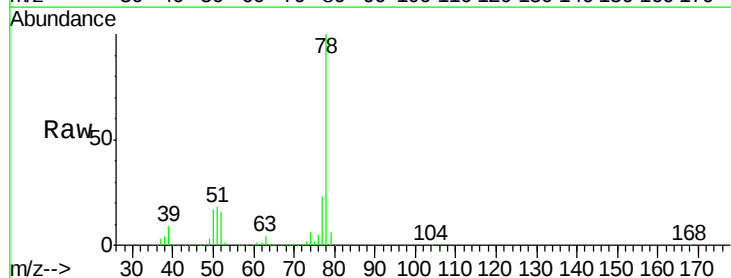
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

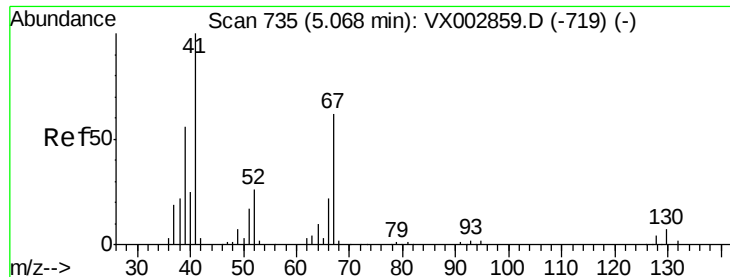
Tgt Ion: 83 Resp: 239766
Ion Ratio Lower Upper
83 100
55 78.5 65.4 98.0
98 47.0 37.4 56.0



#40
Benzene
Concen: 50.928 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.00 min
Lab File: VX002976.D
Acq: 28 Jun 2018 09:43

Tgt Ion: 78 Resp: 613669
Ion Ratio Lower Upper
78 100
77 23.5 19.1 28.7





#41

Methacrylonitrile

Concen: 51.600 ug/l

RT: 5.07 min Scan# 735

Delta R.T. -0.00 min

Lab File: VX002976.D

Acq: 28 Jun 2018 09:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 41 Resp: 132677

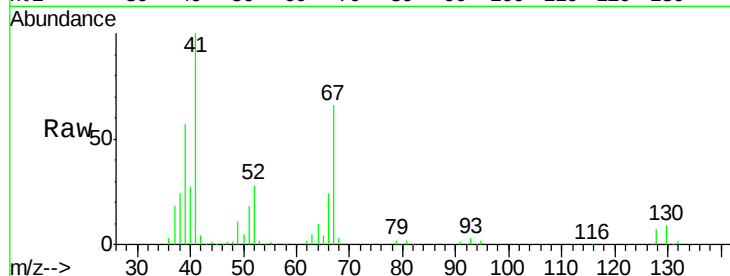
Ion Ratio Lower Upper

41 100

39 57.1 45.8 68.6

67 66.3 51.3 76.9

52 28.8 23.0 34.6

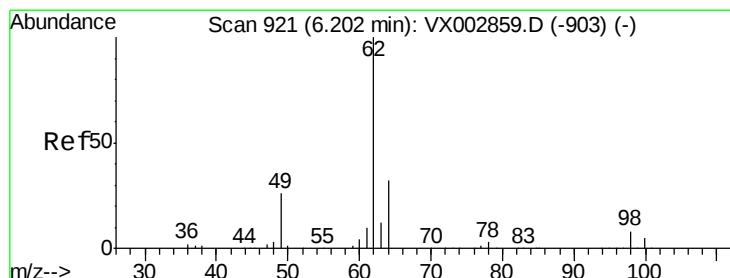
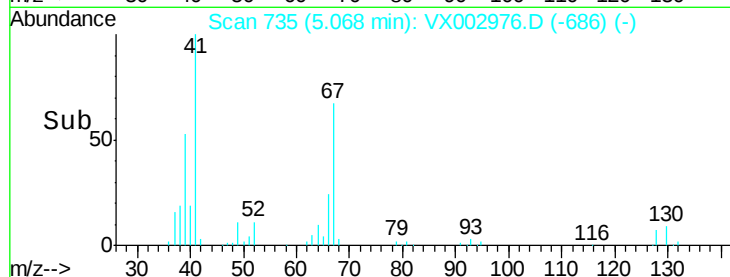
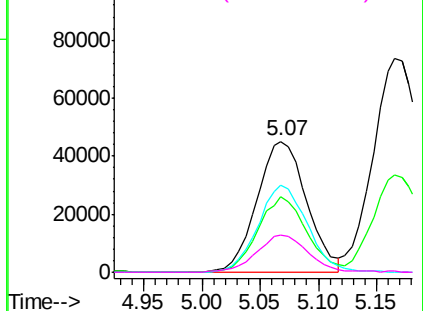


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 48.790 ug/l

RT: 6.20 min Scan# 921

Delta R.T. -0.00 min

Lab File: VX002976.D

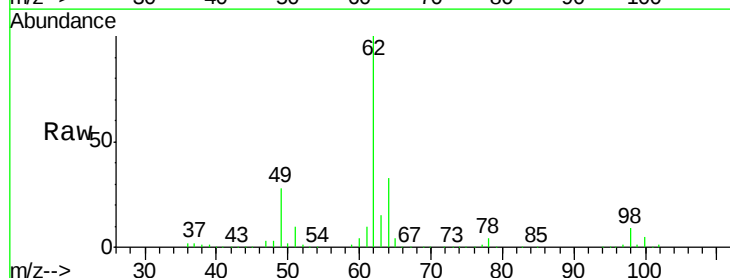
Acq: 28 Jun 2018 09:43

Tgt Ion: 62 Resp: 237485

Ion Ratio Lower Upper

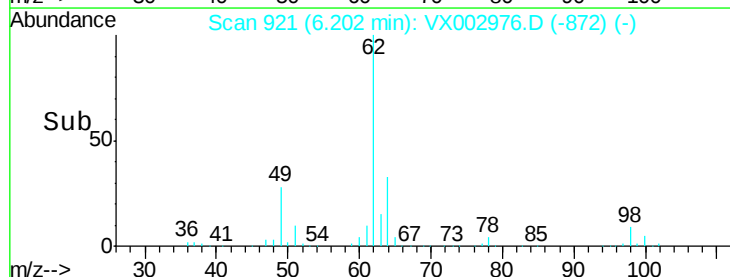
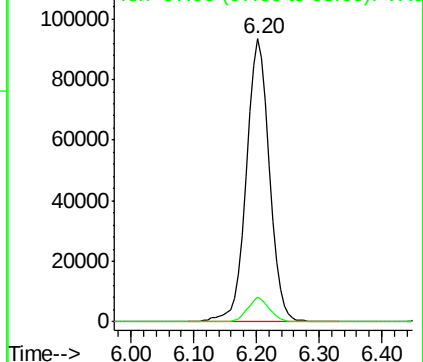
62 100

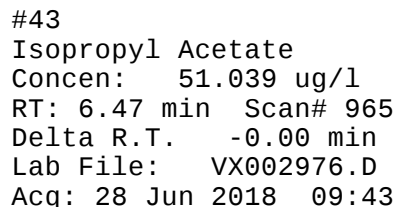
98 8.3 0.0 16.6



Abundance Ion 61.90 (61.60 to 62.60): VX0

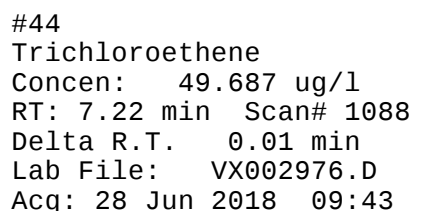
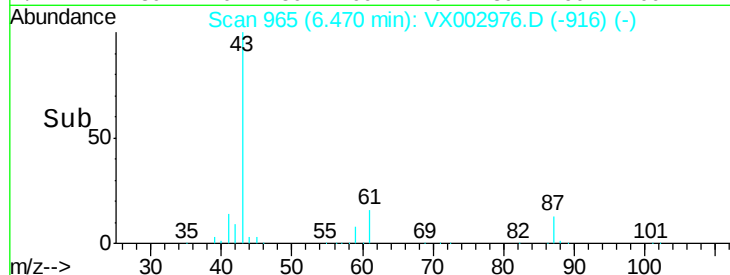
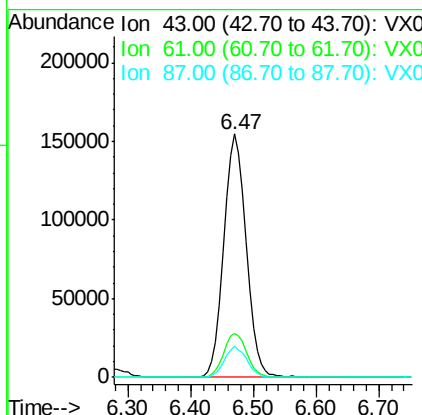
Ion 97.90 (97.60 to 98.60): VX0



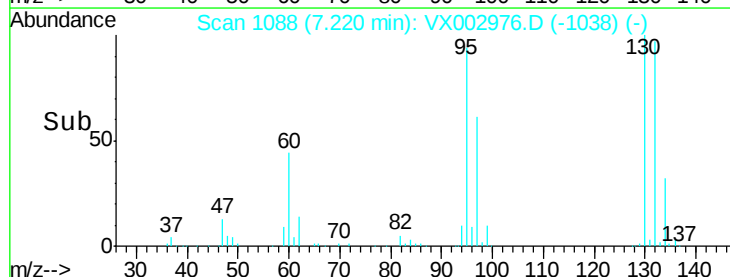
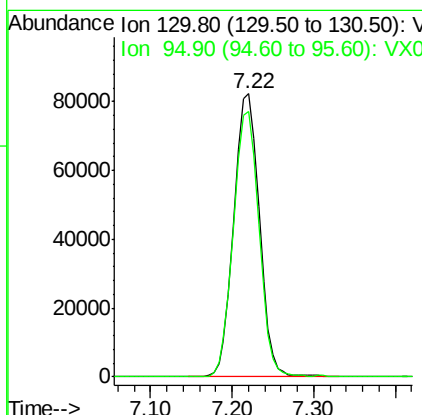


Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt	Ion: 43	Resp:	382214
Ion	Ratio	Lower	Upper
43	100		
61	18.6	14.4	21.6
87	12.6	9.5	14.3



Tgt	Ion:130	Resp:	178502
Ion	Ratio	Lower	Upper
130	100		
95	93.7	0.0	185.4

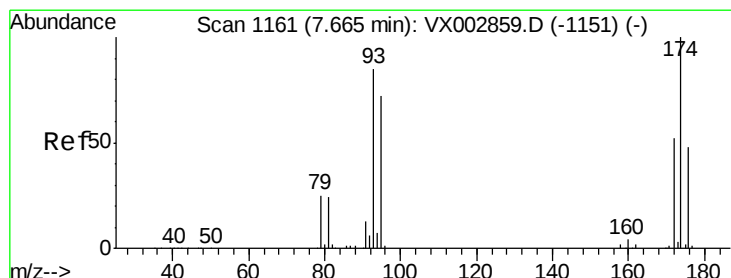
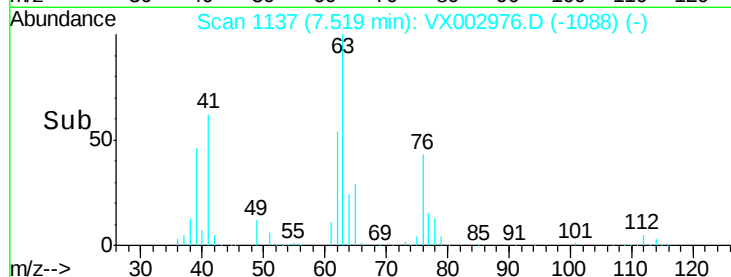
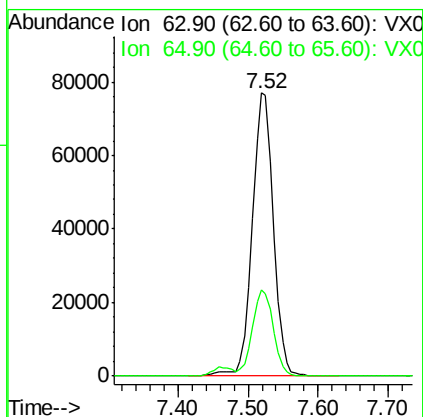
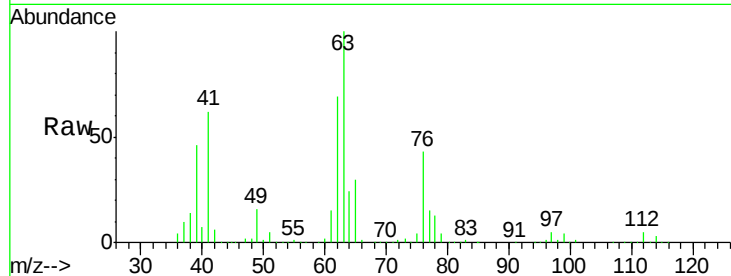




#45
 1,2-Dichloropropane
 Concen: 50.374 ug/l
 RT: 7.52 min Scan# 1137
 Delta R.T. -0.00 min
 Lab File: VX002976.D
 Acq: 28 Jun 2018 09:43

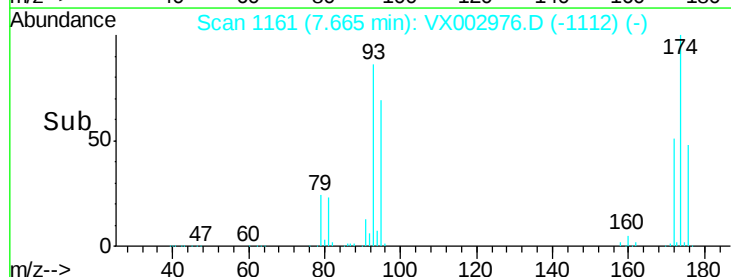
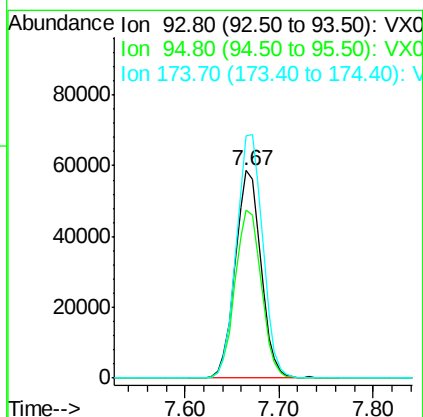
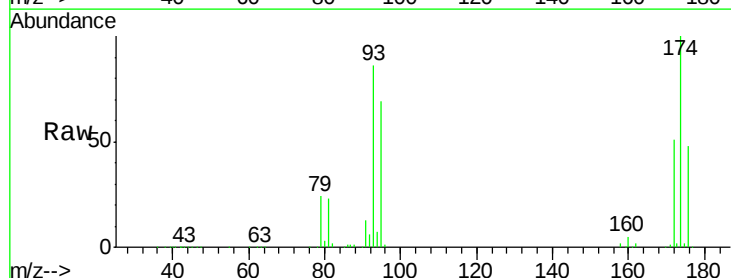
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 63 Resp: 161011
 Ion Ratio Lower Upper
 63 100
 65 30.4 24.7 37.1



#46
 Dibromomethane
 Concen: 50.526 ug/l
 RT: 7.67 min Scan# 1161
 Delta R.T. -0.00 min
 Lab File: VX002976.D
 Acq: 28 Jun 2018 09:43

Tgt Ion: 93 Resp: 112078
 Ion Ratio Lower Upper
 93 100
 95 82.9 65.9 98.9
 174 120.2 92.4 138.6





#47

Bromodichloromethane

Concen: 53.140 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.00 min

Lab File: VX002976.D

Acq: 28 Jun 2018 09:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

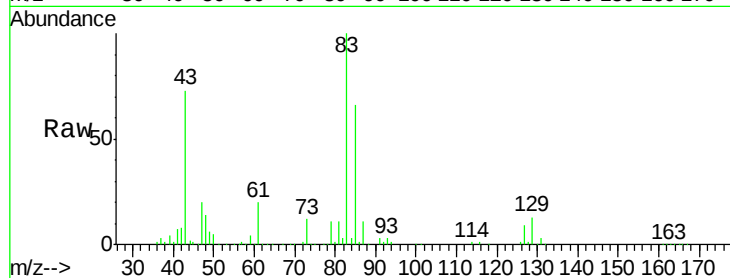
Tgt Ion: 83 Resp: 217914

Ion Ratio Lower Upper

83 100

85 65.7 50.3 75.5

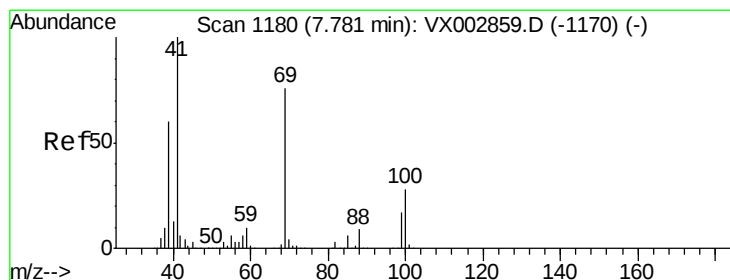
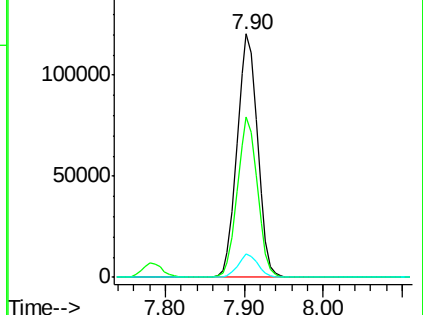
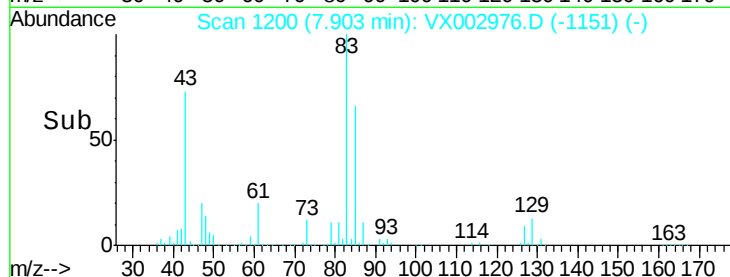
127 9.4 7.0 10.4



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: 51.872 ug/l

RT: 7.78 min Scan# 1180

Delta R.T. -0.00 min

Lab File: VX002976.D

Acq: 28 Jun 2018 09:43

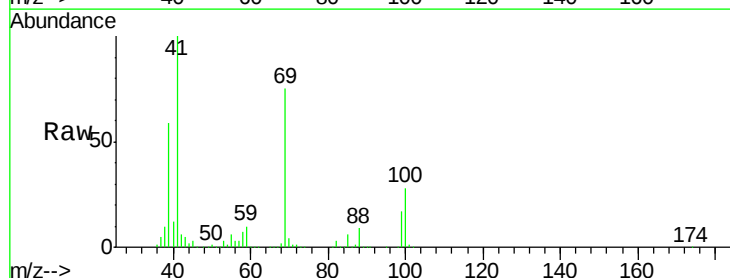
Tgt Ion: 41 Resp: 200154

Ion Ratio Lower Upper

41 100

69 76.3 59.1 88.7

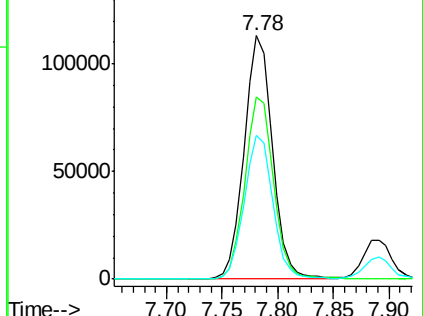
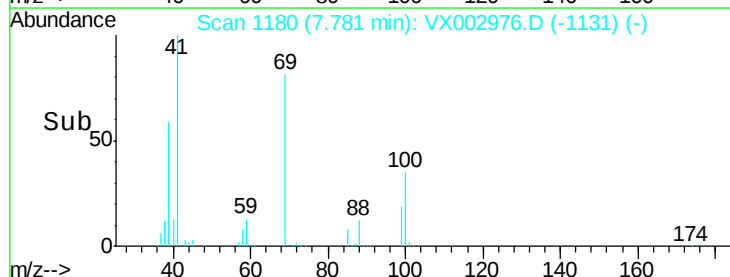
39 59.3 48.9 73.3

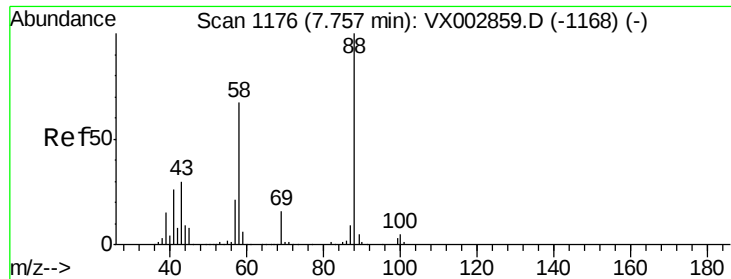


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

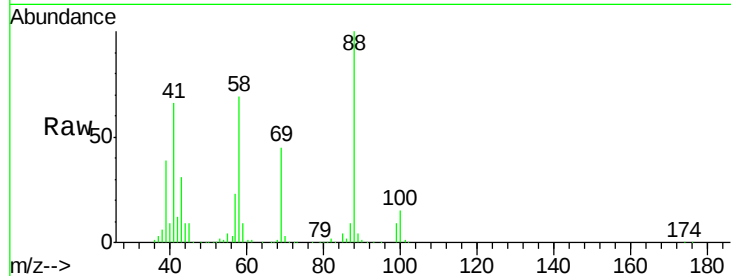




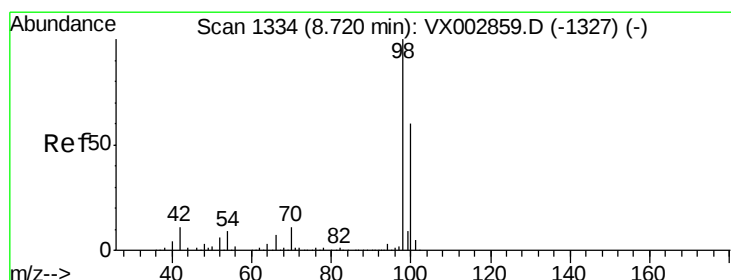
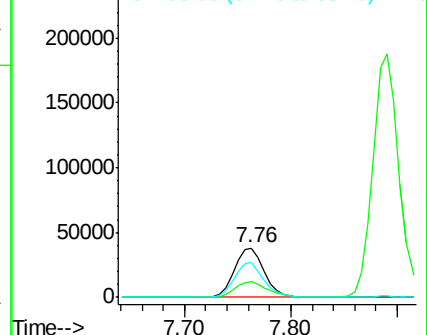
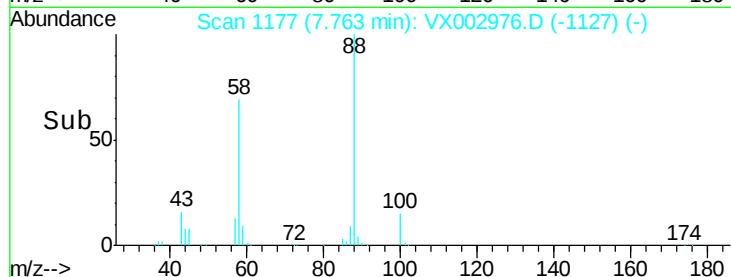
#49
1,4-Dioxane
Concen: 988.824 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. 0.01 min
Lab File: VX002976.D
Acq: 28 Jun 2018 09:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 88 Resp: 74233
Ion Ratio Lower Upper
88 100
43 35.1 29.8 44.6
58 70.4 57.1 85.7

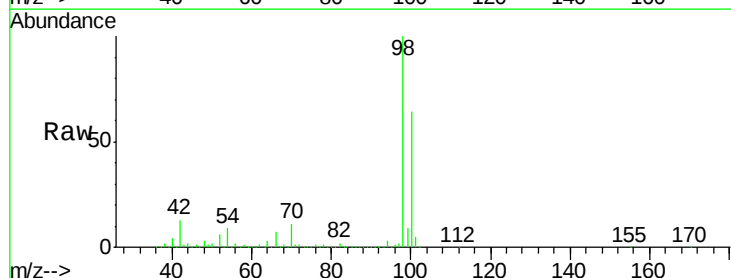


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

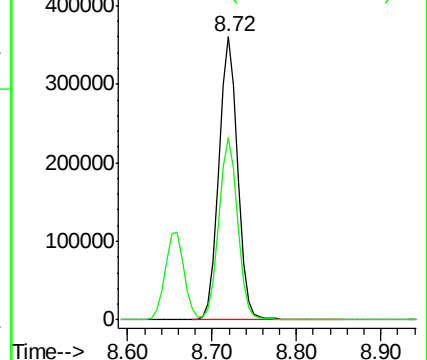
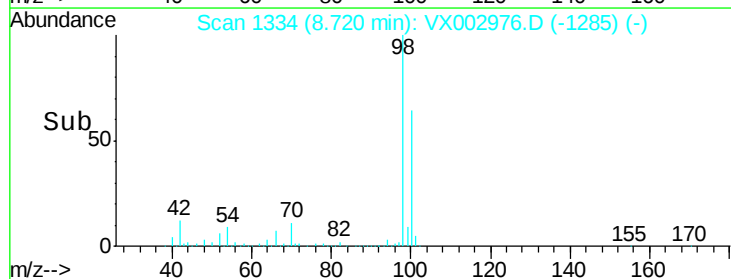


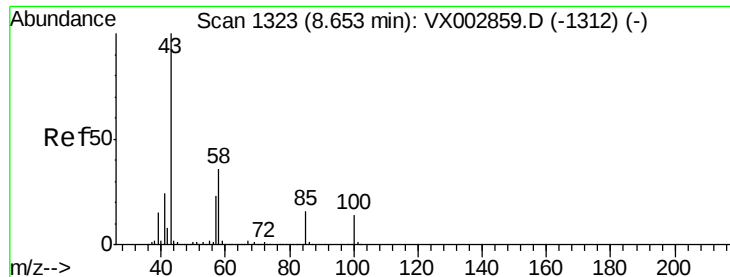
#50
Toluene-d8
Concen: 51.042 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX002976.D
Acq: 28 Jun 2018 09:43

Tgt Ion: 98 Resp: 558196
Ion Ratio Lower Upper
98 100
100 64.8 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): VX0

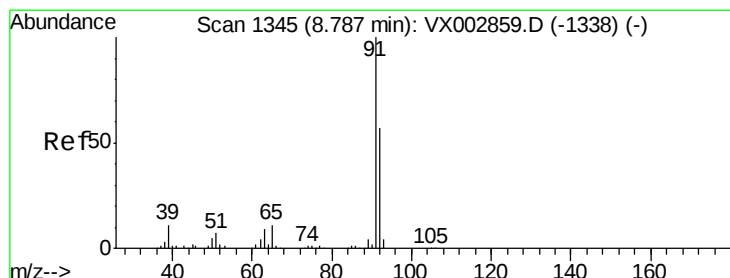
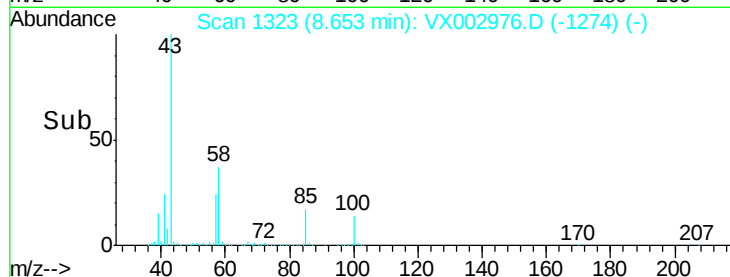
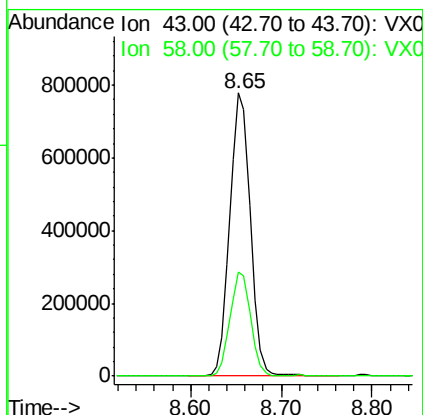
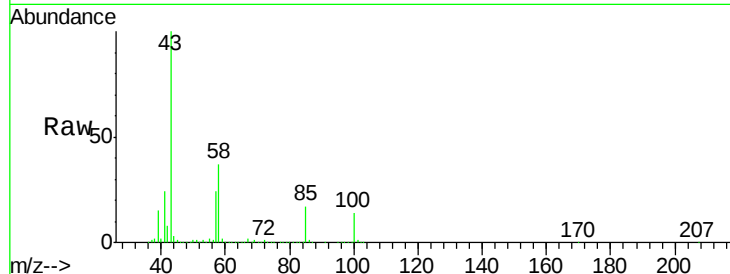




#51
 4-Methyl-2-Pentanone
 Concen: 262.062 ug/l
 RT: 8.65 min Scan# 1323
 Delta R.T. -0.00 min
 Lab File: VX002976.D
 Acq: 28 Jun 2018 09:43

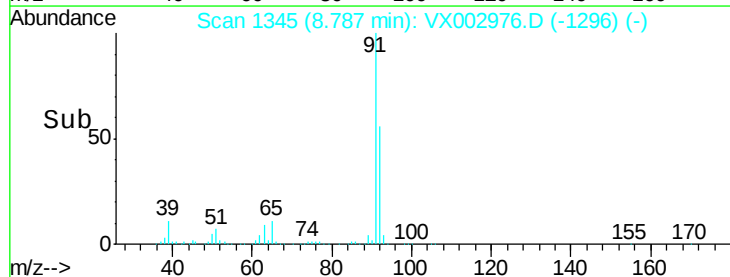
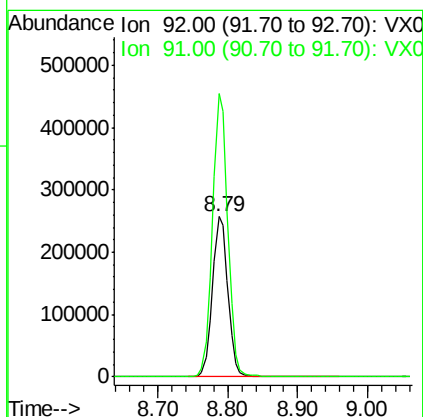
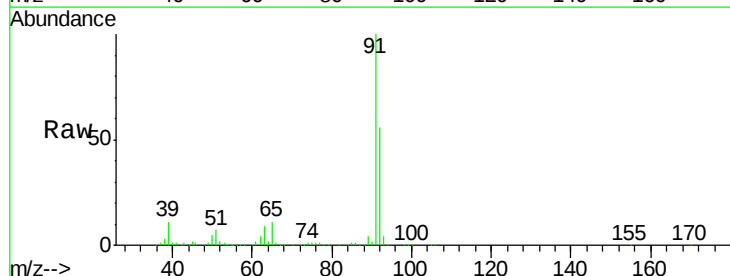
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 43 Resp: 1227857
 Ion Ratio Lower Upper
 43 100
 58 36.7 28.6 42.8



#52
 Toluene
 Concen: 51.162 ug/l
 RT: 8.79 min Scan# 1345
 Delta R.T. -0.00 min
 Lab File: VX002976.D
 Acq: 28 Jun 2018 09:43

Tgt Ion: 92 Resp: 394936
 Ion Ratio Lower Upper
 92 100
 91 174.8 140.4 210.6

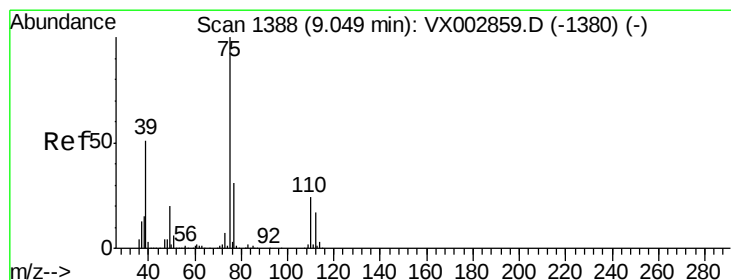
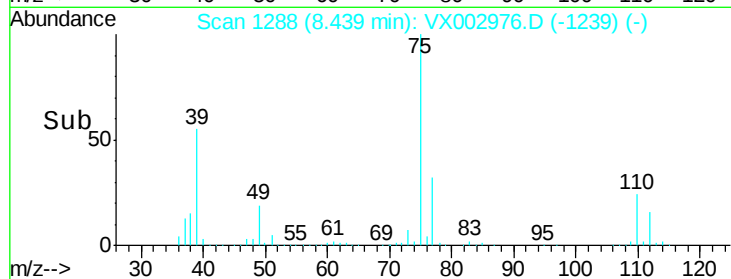
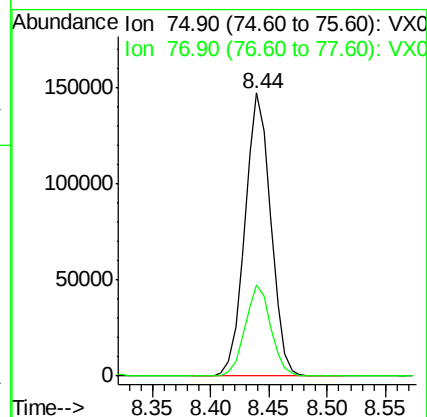
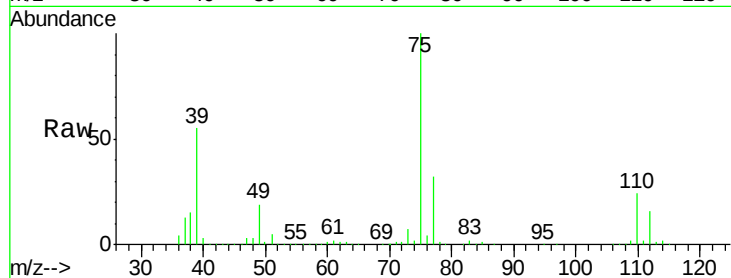




#53
 t-1,3-Dichloropropene
 Concen: 49.177 ug/l
 RT: 8.44 min Scan# 1288
 Delta R.T. -0.00 min
 Lab File: VX002976.D
 Acq: 28 Jun 2018 09:43

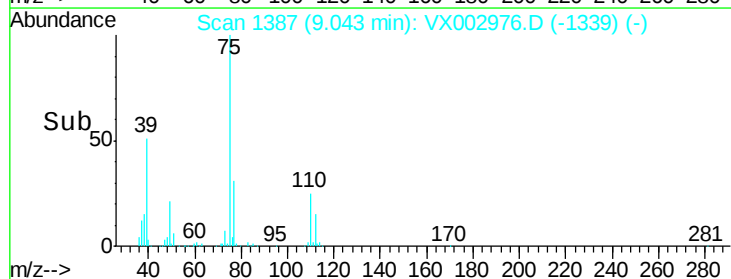
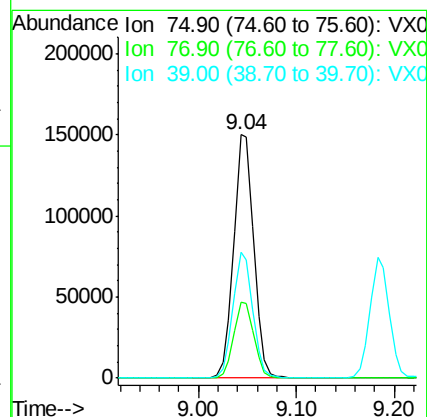
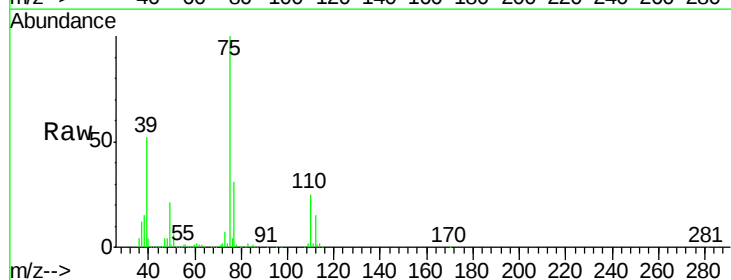
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 75 Resp: 228388
 Ion Ratio Lower Upper
 75 100
 77 32.4 25.4 38.2



#54
 cis-1,3-Dichloropropene
 Concen: 47.992 ug/l
 RT: 9.04 min Scan# 1387
 Delta R.T. -0.01 min
 Lab File: VX002976.D
 Acq: 28 Jun 2018 09:43

Tgt Ion: 75 Resp: 214460
 Ion Ratio Lower Upper
 75 100
 77 31.2 24.8 37.2
 39 51.4 42.4 63.6

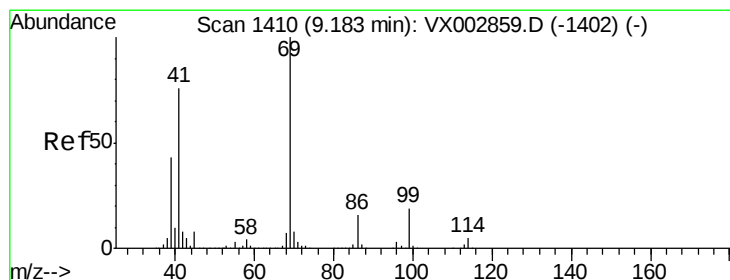
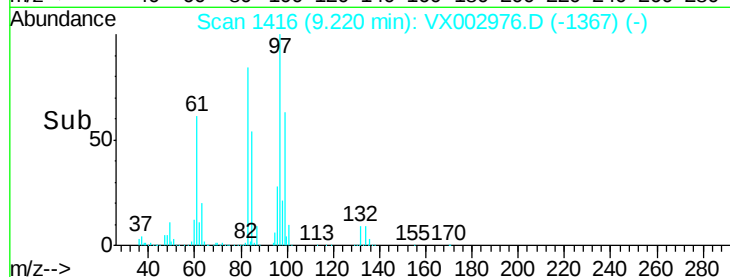
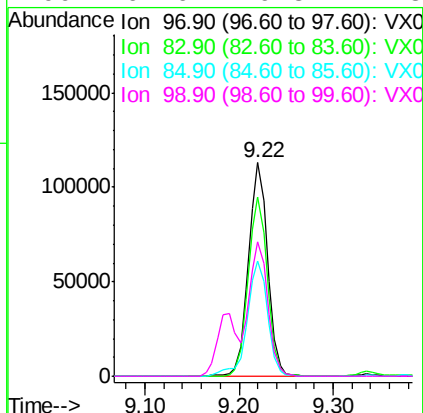
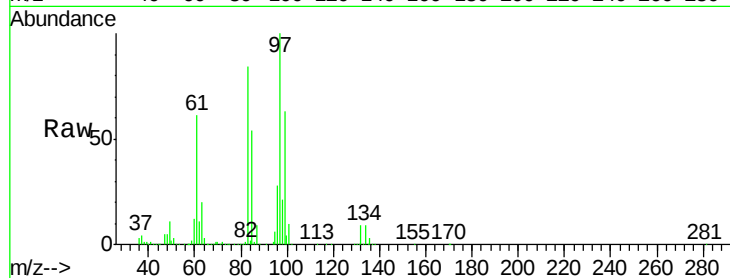




#55
 1,1,2-Trichloroethane
 Concen: 51.114 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: VX002976.D
 Acq: 28 Jun 2018 09:43

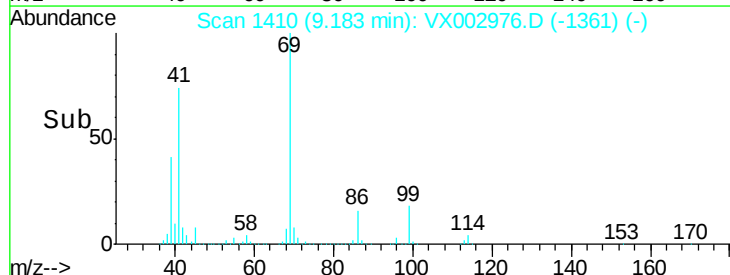
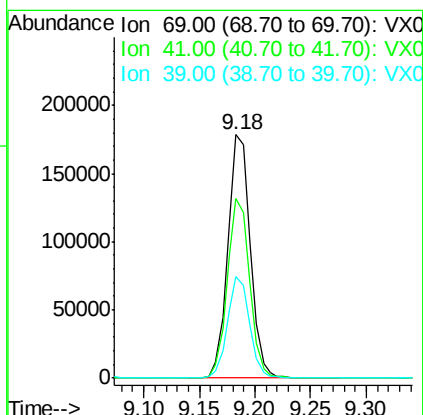
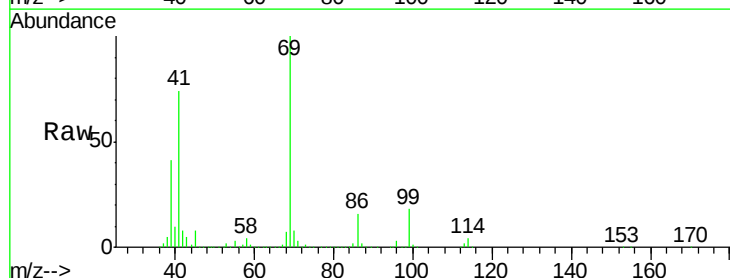
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

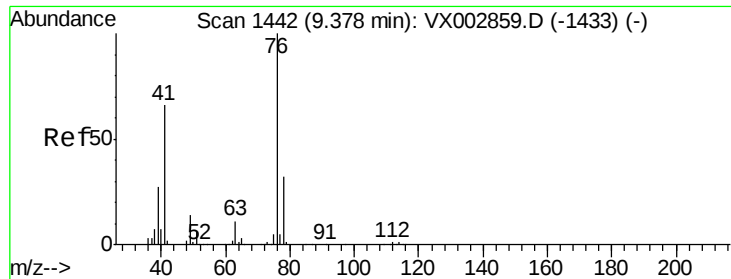
Tgt Ion:	97	Resp:	162133
Ion	Ratio	Lower	Upper
97	100		
83	83.6	70.2	105.2
85	53.8	44.9	67.3
99	62.6	49.8	74.8



#56
 Ethyl methacrylate
 Concen: 53.763 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. -0.00 min
 Lab File: VX002976.D
 Acq: 28 Jun 2018 09:43

Tgt Ion:	69	Resp:	249236
Ion	Ratio	Lower	Upper
69	100		
41	73.3	60.3	90.5
39	41.2	35.8	53.8

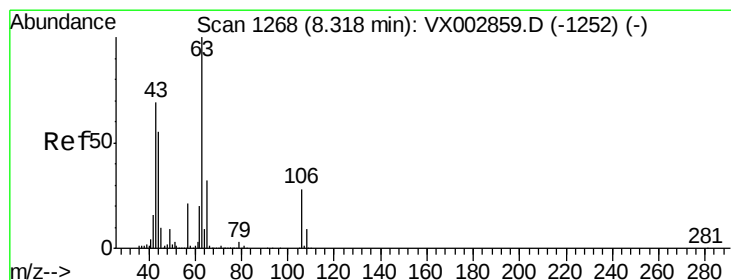
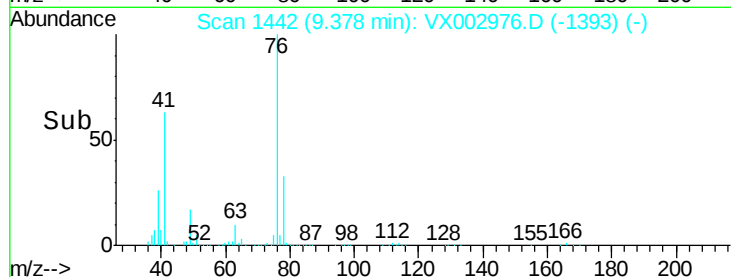
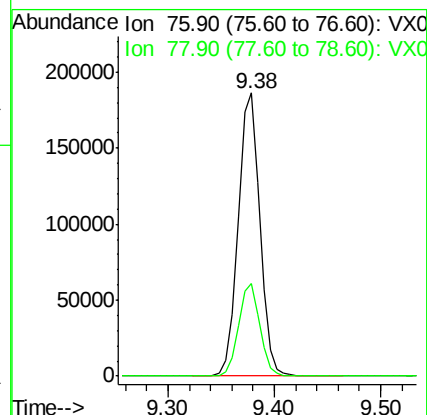
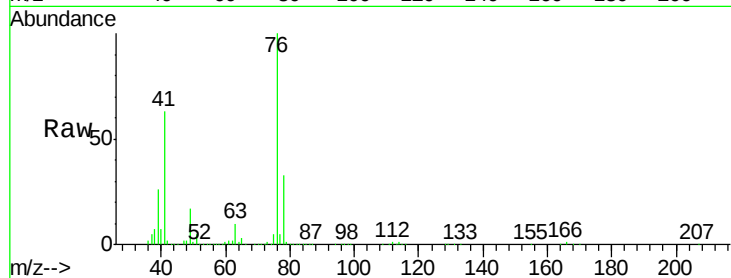




#57
 1,3-Dichloropropane
 Concen: 51.192 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. -0.00 min
 Lab File: VX002976.D
 Acq: 28 Jun 2018 09:43

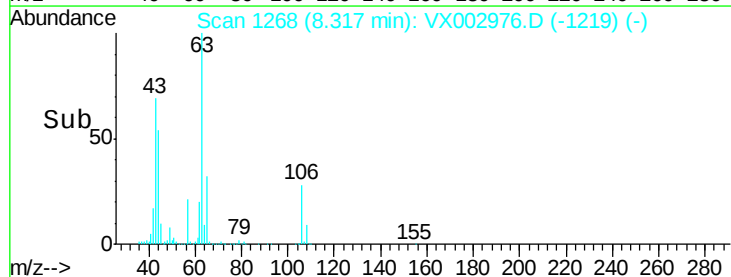
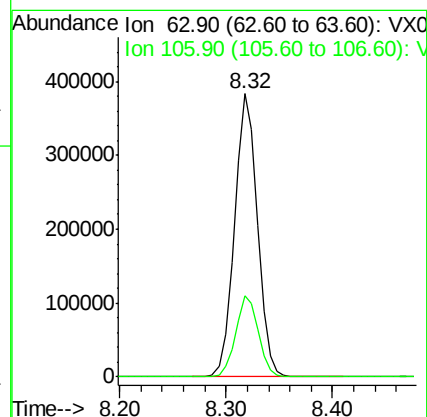
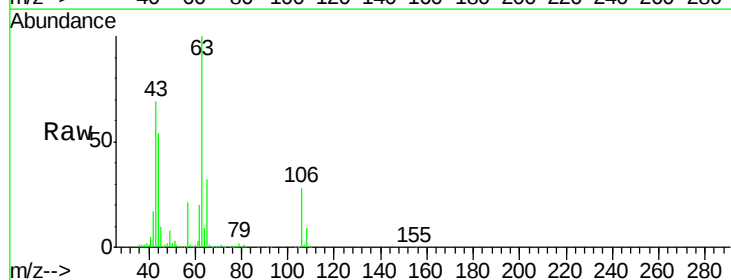
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

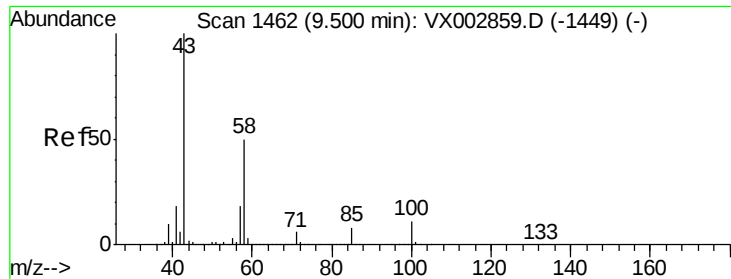
Tgt Ion: 76 Resp: 266698
 Ion Ratio Lower Upper
 76 100
 78 32.0 25.8 38.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 259.021 ug/l
 RT: 8.32 min Scan# 1268
 Delta R.T. -0.00 min
 Lab File: VX002976.D
 Acq: 28 Jun 2018 09:43

Tgt Ion: 63 Resp: 579302
 Ion Ratio Lower Upper
 63 100
 106 28.4 21.8 32.8

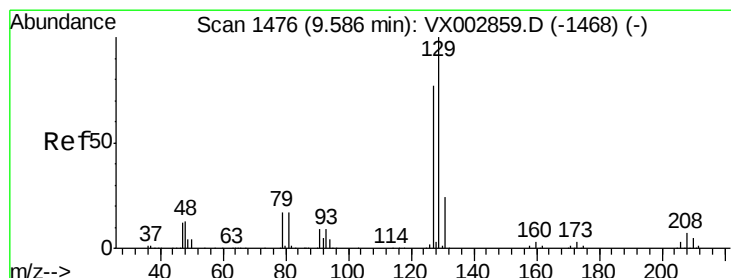
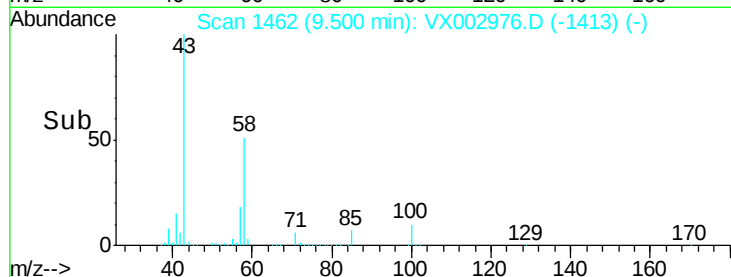
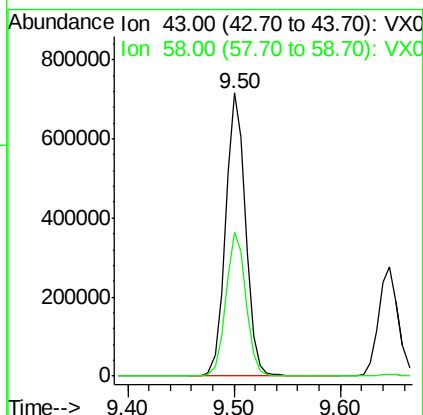
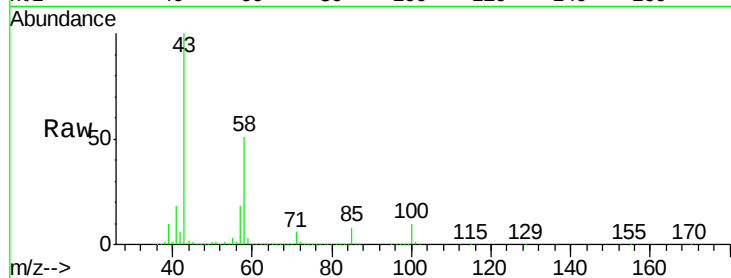




#59
2-Hexanone
Concen: 264.383 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. -0.00 min
Lab File: VX002976.D
Acq: 28 Jun 2018 09:43

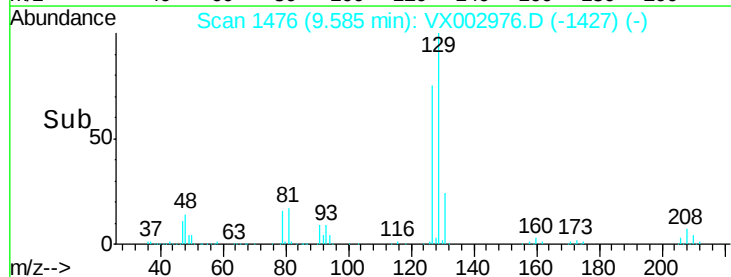
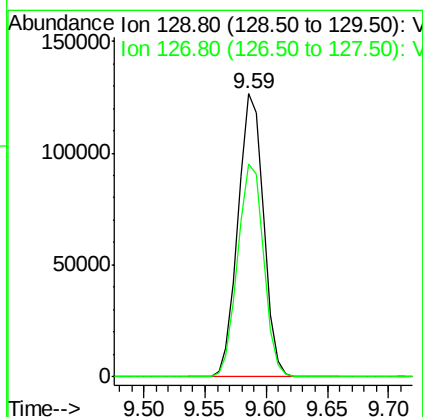
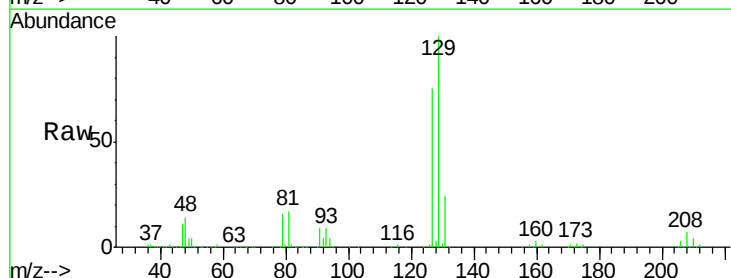
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

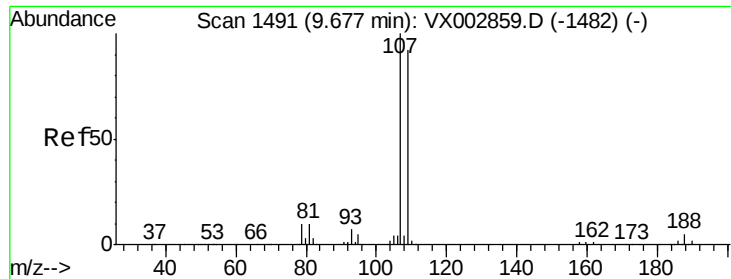
Tgt Ion: 43 Resp: 941446
Ion Ratio Lower Upper
43 100
58 51.0 24.6 73.6



#60
Dibromochloromethane
Concen: 54.707 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. -0.00 min
Lab File: VX002976.D
Acq: 28 Jun 2018 09:43

Tgt Ion: 129 Resp: 182678
Ion Ratio Lower Upper
129 100
127 76.4 38.5 115.3





#61

1,2-Dibromoethane

Concen: 52.169 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX002976.D

Acq: 28 Jun 2018 09:43

Instrument :

MSVOA_X

ClientSampleId :

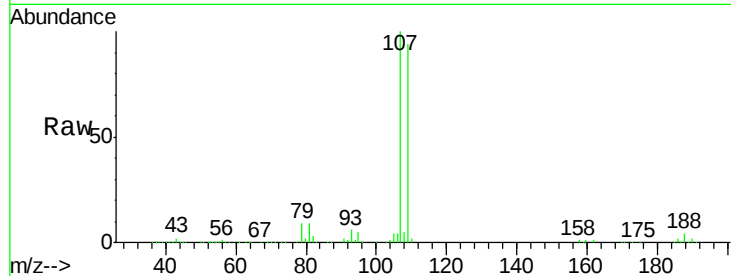
VSTDCCC050EC

Tgt Ion:107 Resp: 173572

Ion Ratio Lower Upper

107 100

109 94.2 75.3 112.9



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.68

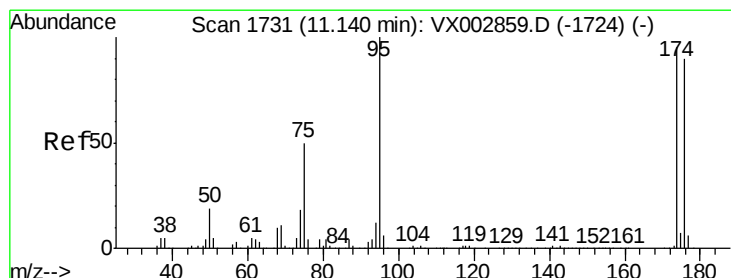
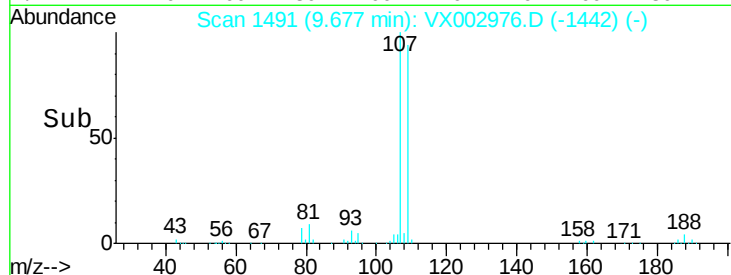
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 51.372 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX002976.D

Acq: 28 Jun 2018 09:43

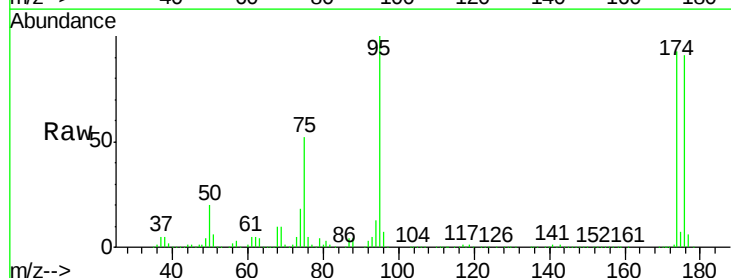
Tgt Ion: 95 Resp: 216667

Ion Ratio Lower Upper

95 100

174 97.4 0.0 187.4

176 94.4 0.0 181.0



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

11.14

200000

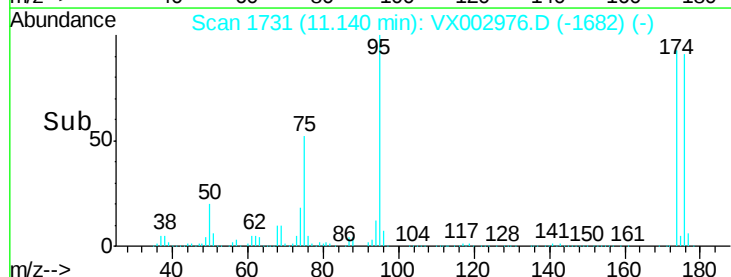
150000

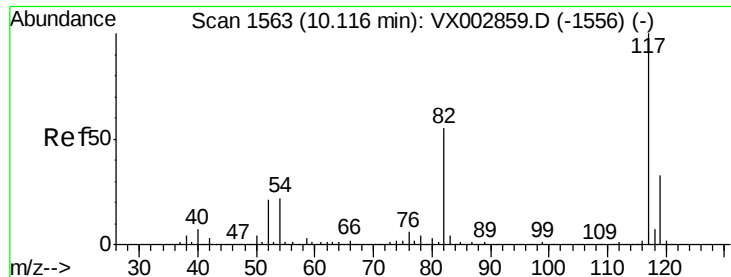
100000

50000

0

Time-->

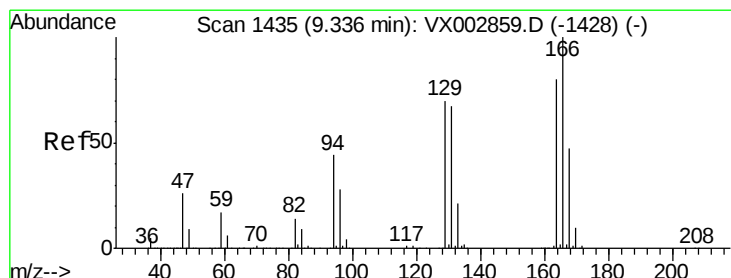
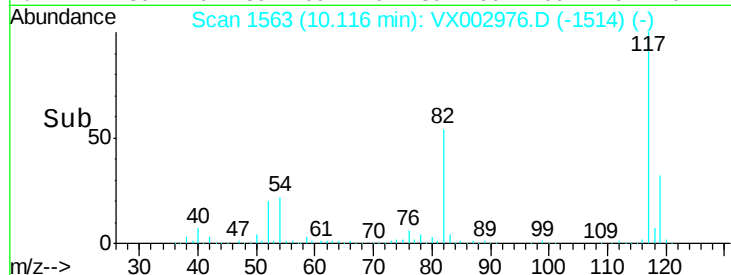
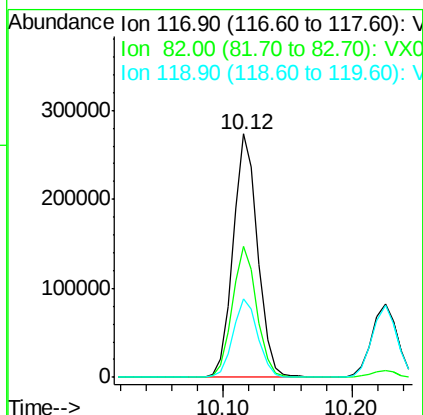
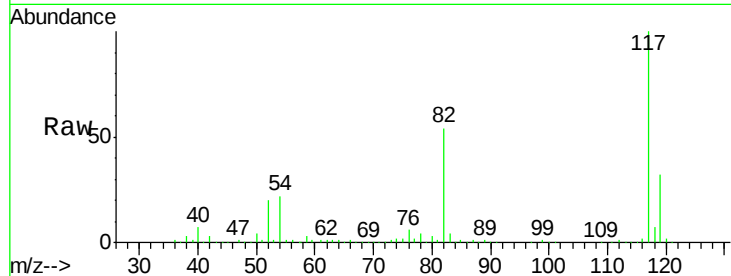




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX002976.D
Acq: 28 Jun 2018 09:43

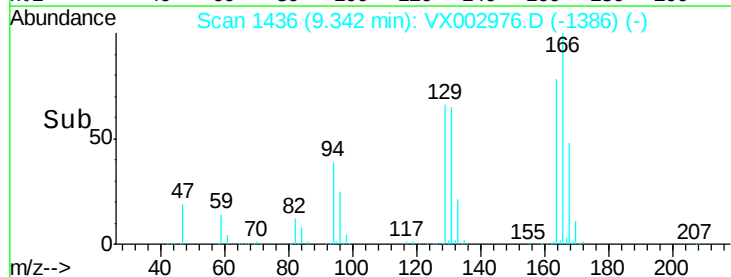
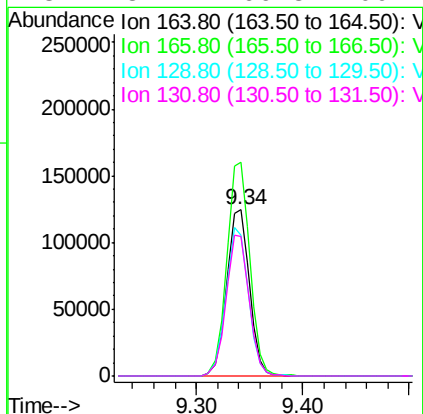
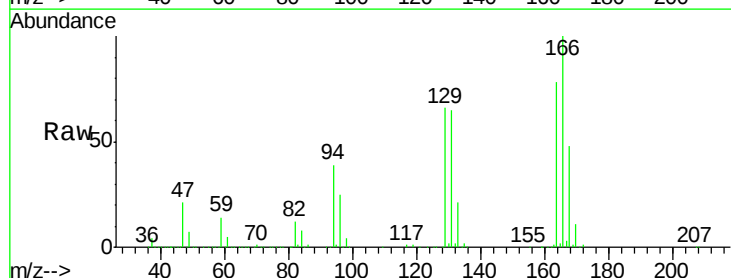
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:117 Resp: 363715
Ion Ratio Lower Upper
117 100
82 53.7 45.0 67.4
119 32.4 25.8 38.6



#64
Tetrachloroethene
Concen: 46.379 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. 0.01 min
Lab File: VX002976.D
Acq: 28 Jun 2018 09:43

Tgt Ion:164 Resp: 187570
Ion Ratio Lower Upper
164 100
166 128.5 102.9 154.3
129 84.4 68.6 102.8
131 84.1 66.8 100.2

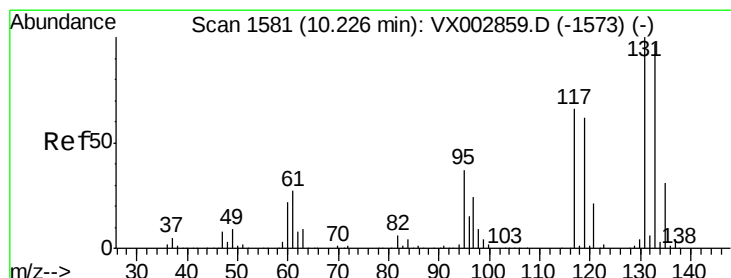
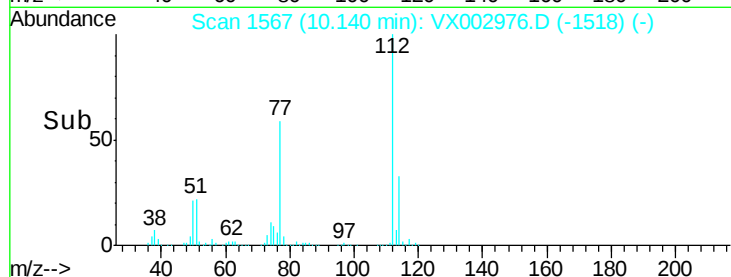
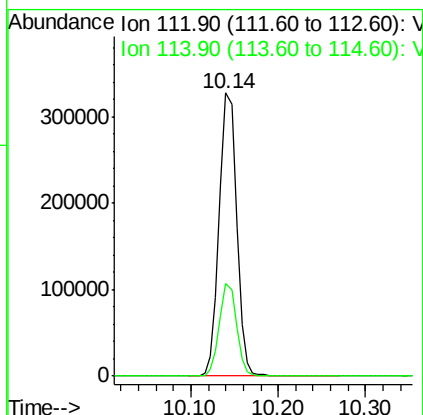
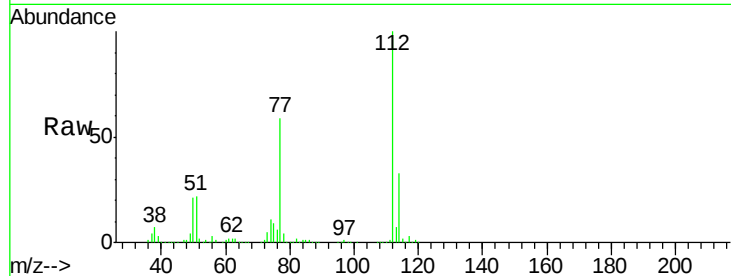




#65
Chlorobenzene
Concen: 49.113 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VX002976.D
Acq: 28 Jun 2018 09:43

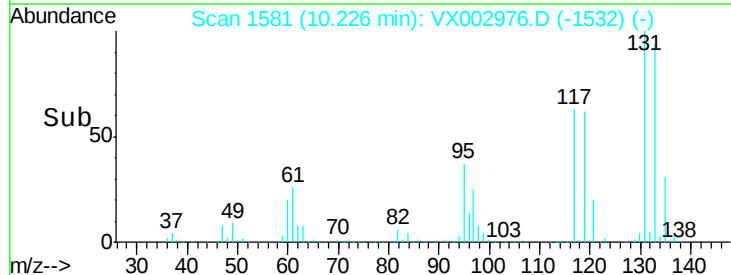
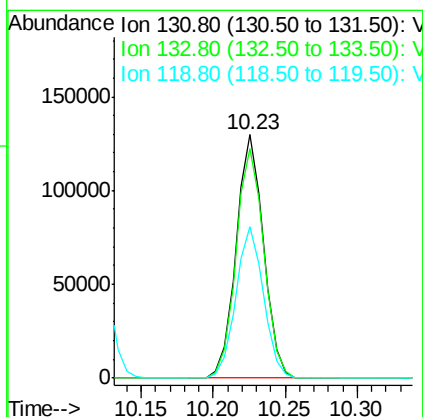
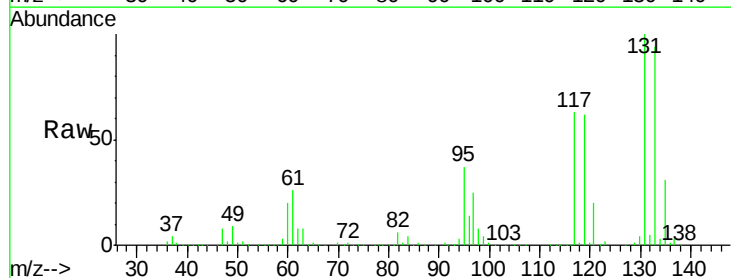
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

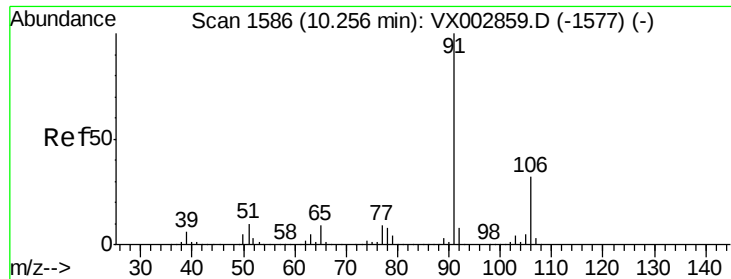
Tgt Ion:112 Resp: 453726
Ion Ratio Lower Upper
112 100
114 32.8 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 51.129 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. -0.00 min
Lab File: VX002976.D
Acq: 28 Jun 2018 09:43

Tgt Ion:131 Resp: 171589
Ion Ratio Lower Upper
131 100
133 95.9 47.9 143.6
119 62.7 31.8 95.3

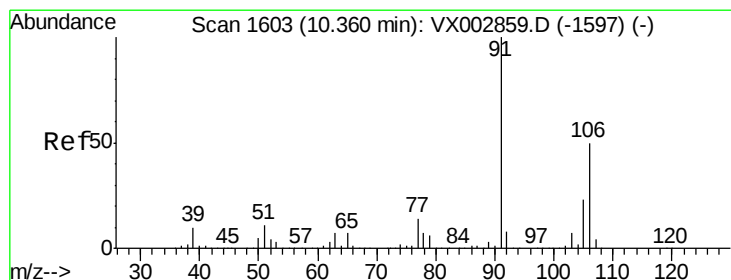
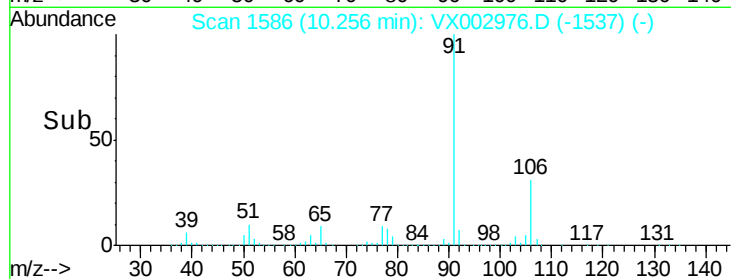
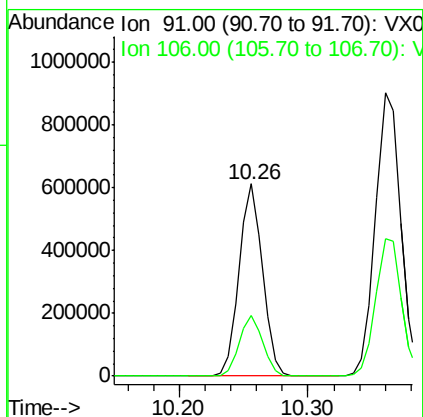
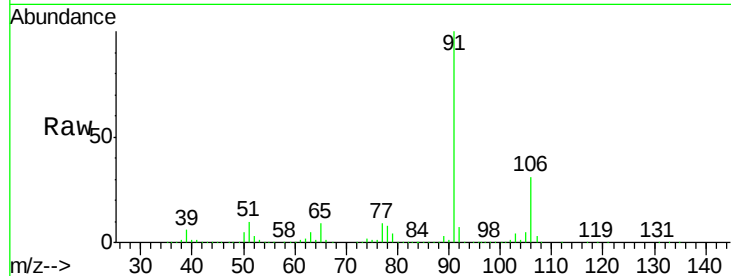




#67
Ethyl Benzene
Concen: 50.879 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.00 min
Lab File: VX002976.D
Acq: 28 Jun 2018 09:43

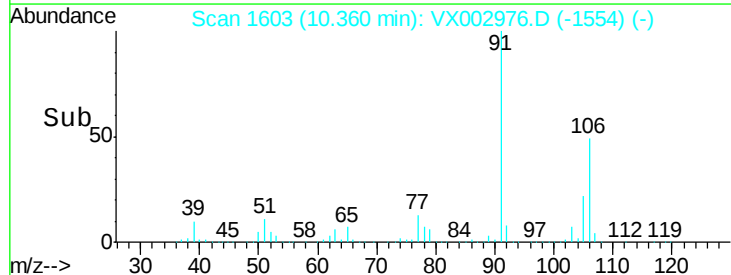
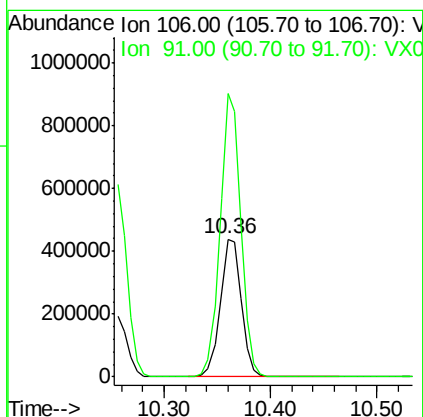
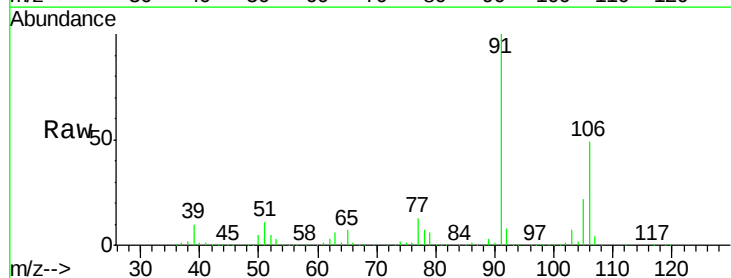
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

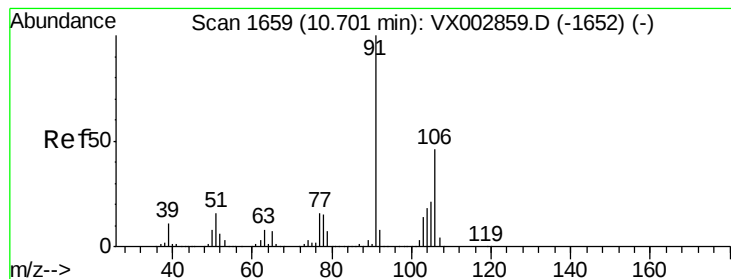
Tgt Ion: 91 Resp: 776468
Ion Ratio Lower Upper
91 100
106 31.4 25.5 38.3



#68
m/p-Xylenes
Concen: 102.293 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. -0.00 min
Lab File: VX002976.D
Acq: 28 Jun 2018 09:43

Tgt Ion: 106 Resp: 601645
Ion Ratio Lower Upper
106 100
91 203.0 163.4 245.2





#69

o-Xylene

Concen: 51.408 ug/l

RT: 10.70 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX002976.D

Acq: 28 Jun 2018 09:43

Instrument :

MSVOA_X

ClientSampleId :

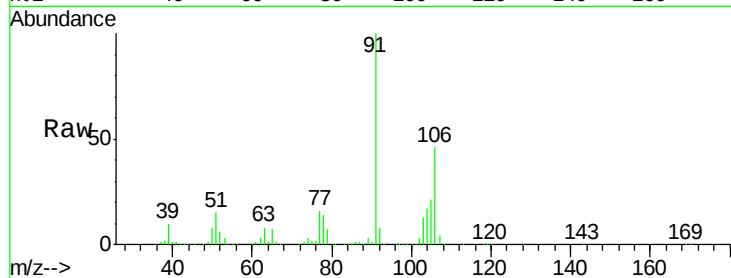
VSTDCCC050EC

Tgt Ion:106 Resp: 294413

Ion Ratio Lower Upper

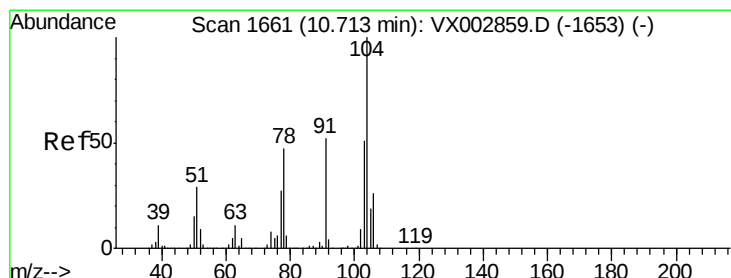
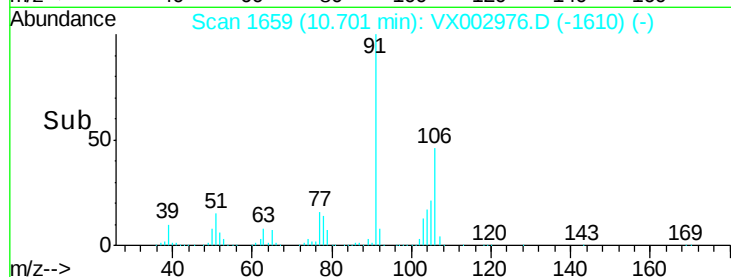
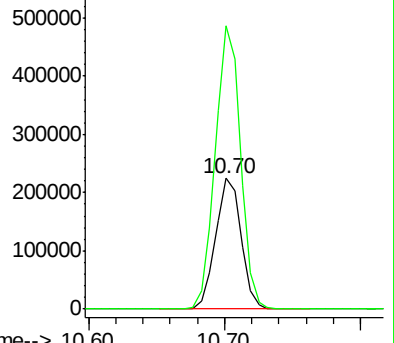
106 100

91 214.6 108.2 324.6



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#70

Styrene

Concen: 52.490 ug/l

RT: 10.71 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX002976.D

Acq: 28 Jun 2018 09:43

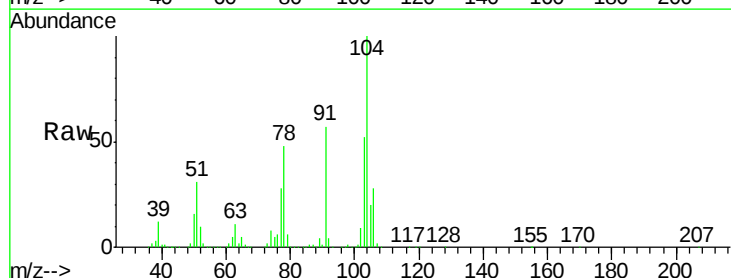
Tgt Ion:104 Resp: 488465

Ion Ratio Lower Upper

104 100

78 50.5 41.0 61.6

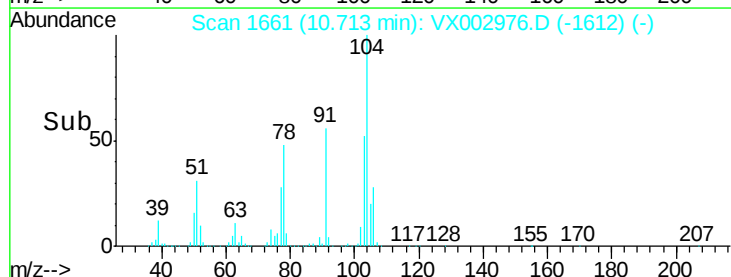
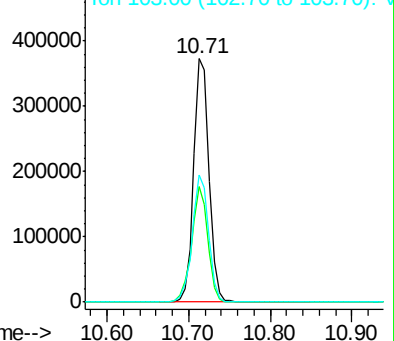
103 55.8 44.2 66.4

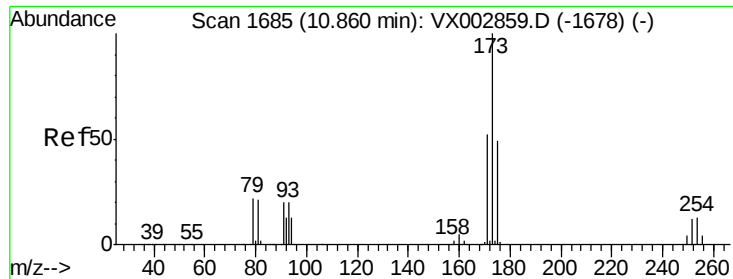


Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VX0

Ion 103.00 (102.70 to 103.70): V

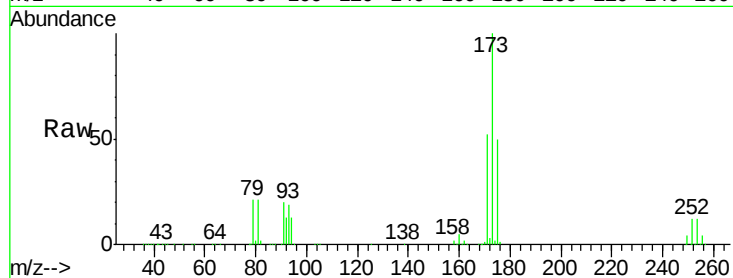




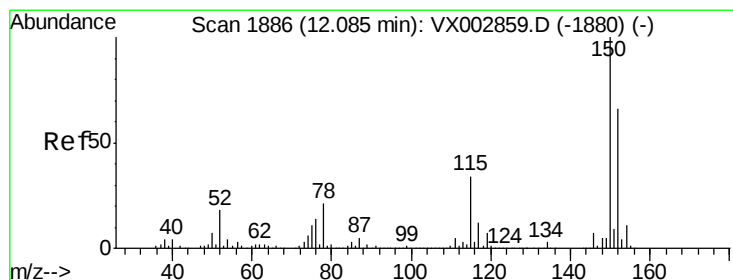
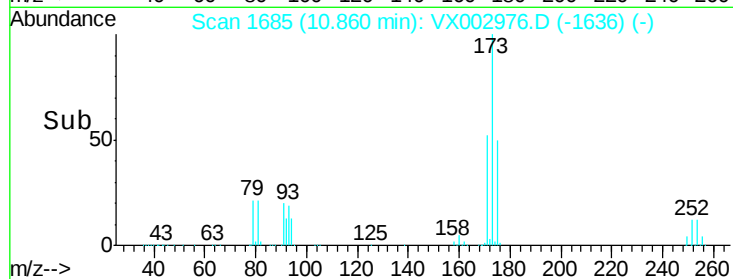
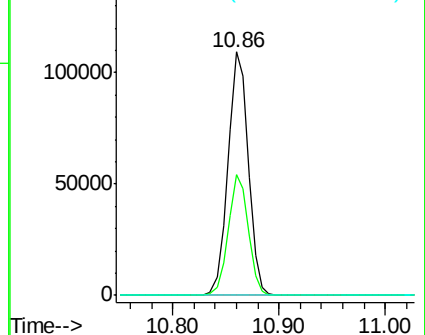
#71
Bromoform
Concen: 48.304 ug/l
RT: 10.86 min Scan# 1685
Delta R.T. 0.00 min
Lab File: VX002976.D
Acq: 28 Jun 2018 09:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:173 Resp: 146032
Ion Ratio Lower Upper
173 100
175 48.6 24.7 74.1
254 0.2 0.2 0.2#

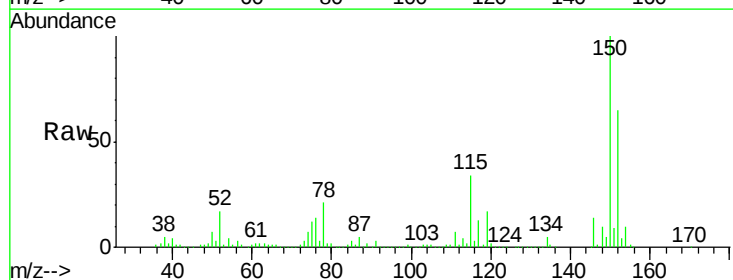


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

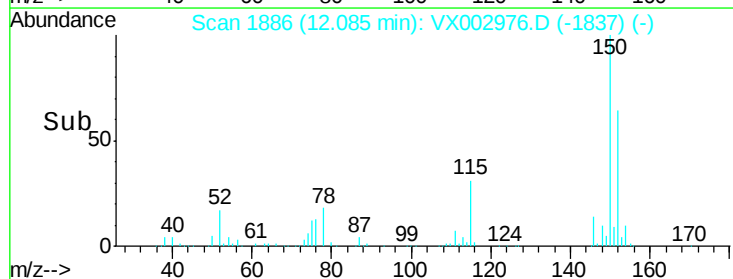
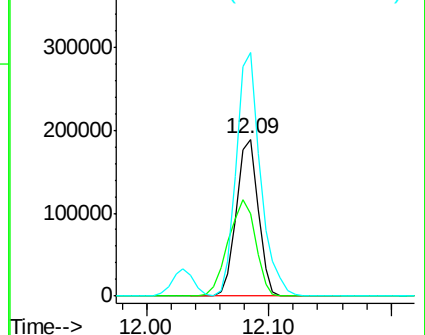


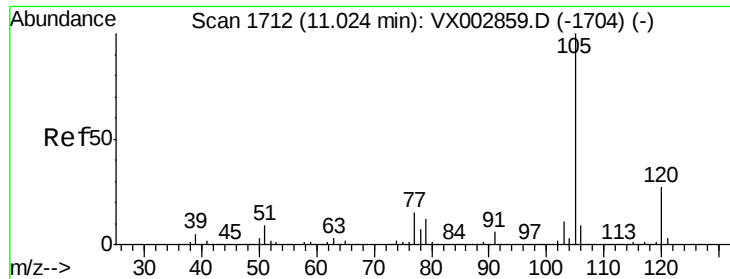
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX002976.D
Acq: 28 Jun 2018 09:43

Tgt Ion:152 Resp: 231869
Ion Ratio Lower Upper
152 100
115 77.8 40.1 120.2
150 171.7 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: 51.208 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX002976.D

Acq: 28 Jun 2018 09:43

Instrument :

MSVOA_X

ClientSampleId :

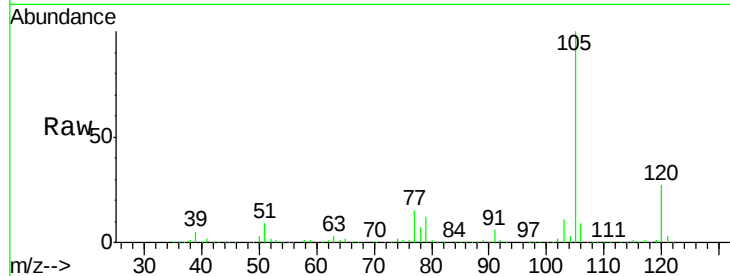
VSTDCCC050EC

Tgt Ion:105 Resp: 798770

Ion Ratio Lower Upper

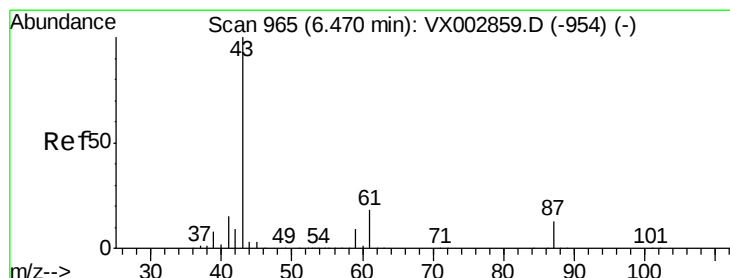
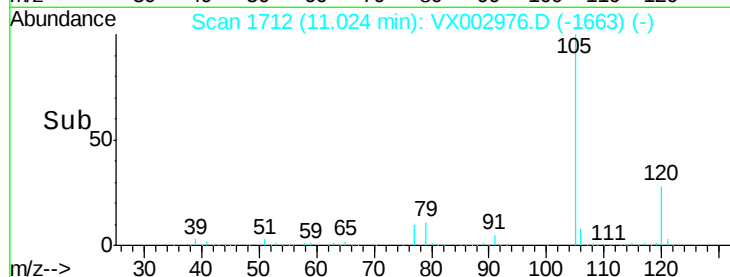
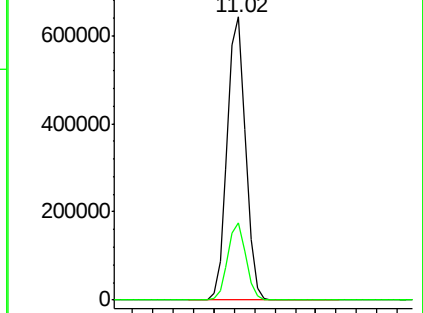
105 100

120 27.0 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 50.080 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.00 min

Lab File: VX002976.D

Acq: 28 Jun 2018 09:43

Tgt Ion: 43 Resp: 382214

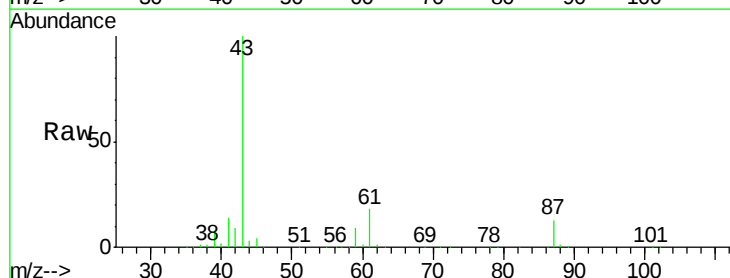
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.0 0.0 0.0#

61 18.6 14.4 21.6

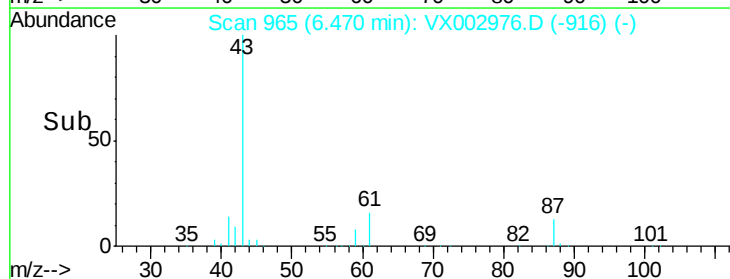
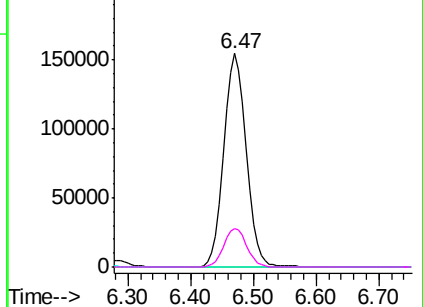


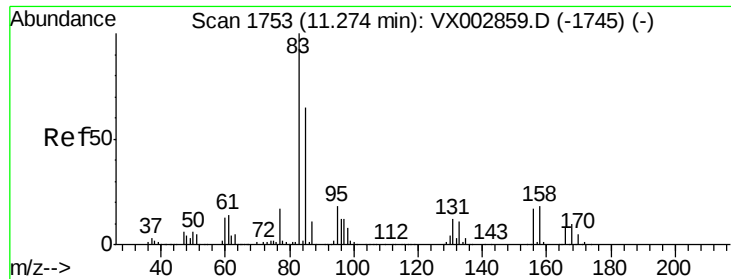
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 52.535 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX002976.D

Acq: 28 Jun 2018 09:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

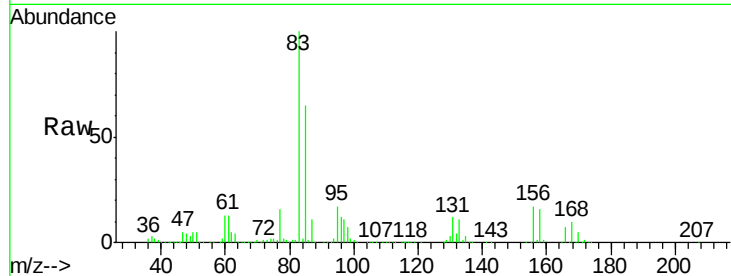
Tgt Ion: 83 Resp: 252431

Ion Ratio Lower Upper

83 100

131 11.3 5.6 16.8

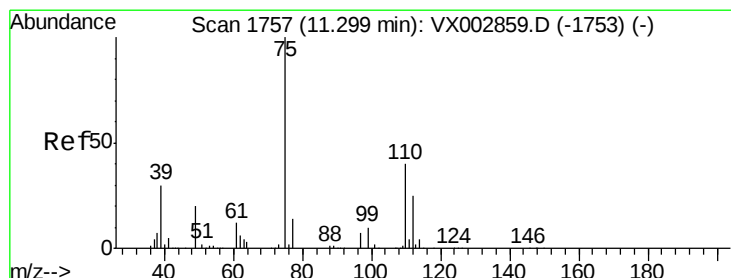
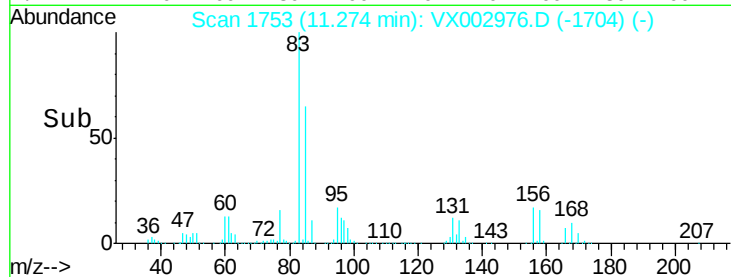
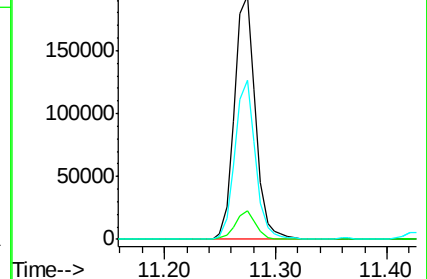
85 63.9 32.4 97.2



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: 62.209 ug/l

RT: 11.30 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VX002976.D

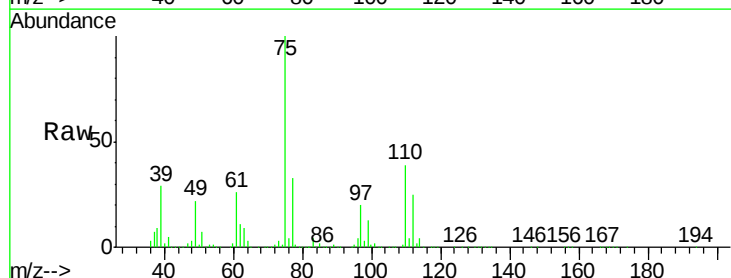
Acq: 28 Jun 2018 09:43

Tgt Ion: 75 Resp: 261279

Ion Ratio Lower Upper

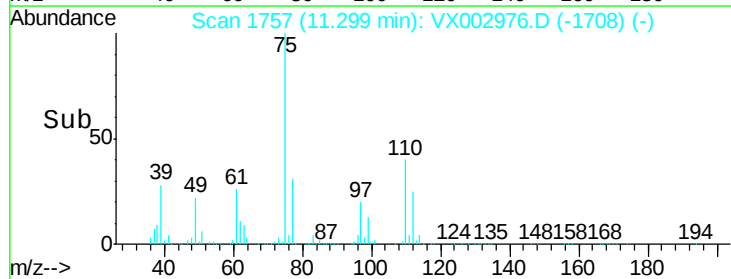
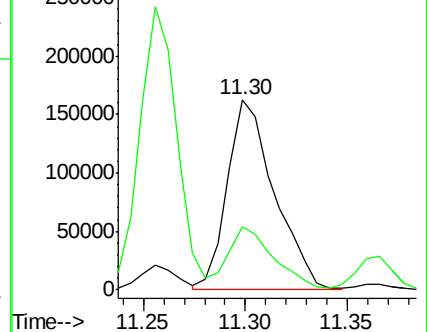
75 100

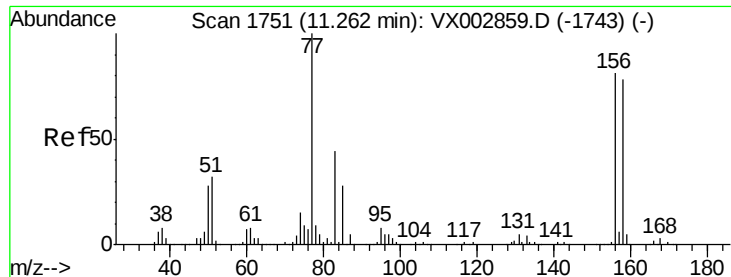
77 32.1 22.8 68.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 49.329 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. -0.01 min

Lab File: VX002976.D

Acq: 28 Jun 2018 09:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

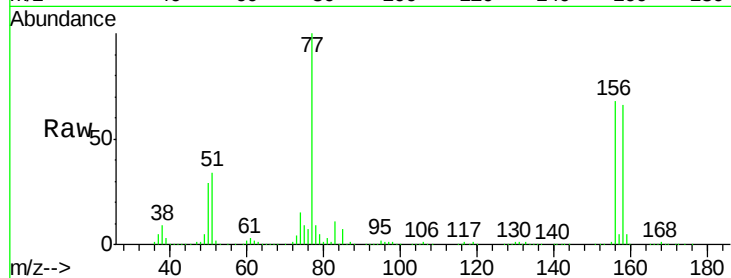
Tgt Ion:156 Resp: 219121

Ion Ratio Lower Upper

156 100

77 139.1 71.4 214.2

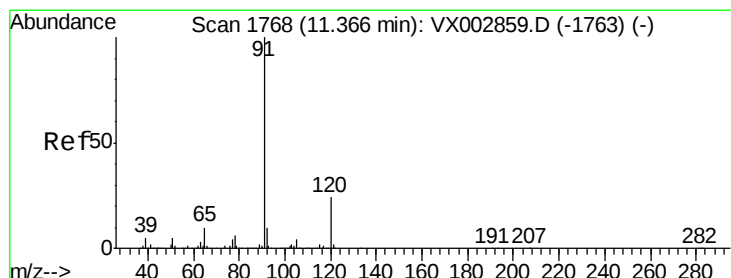
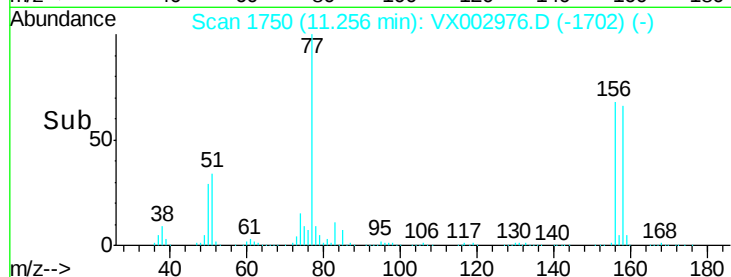
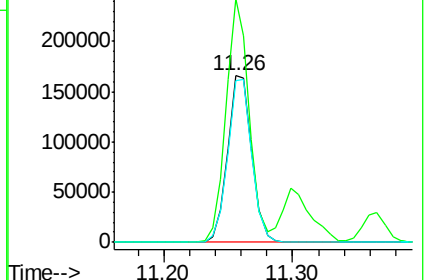
158 97.5 48.9 146.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 50.661 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX002976.D

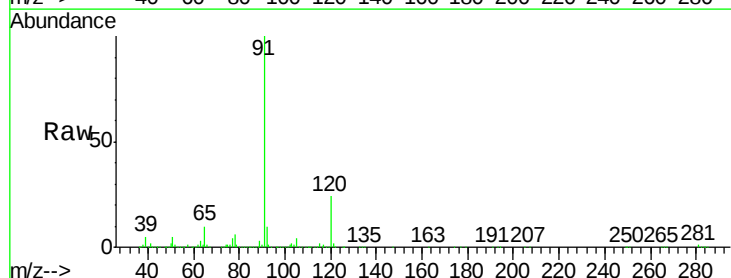
Acq: 28 Jun 2018 09:43

Tgt Ion: 91 Resp: 899516

Ion Ratio Lower Upper

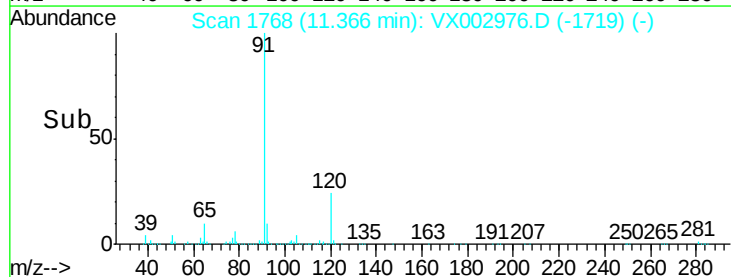
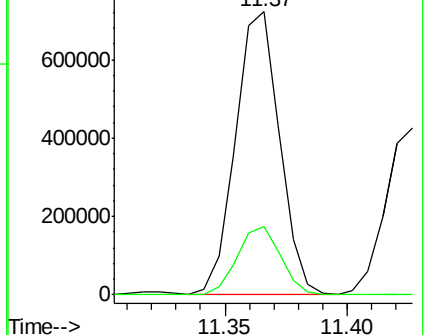
91 100

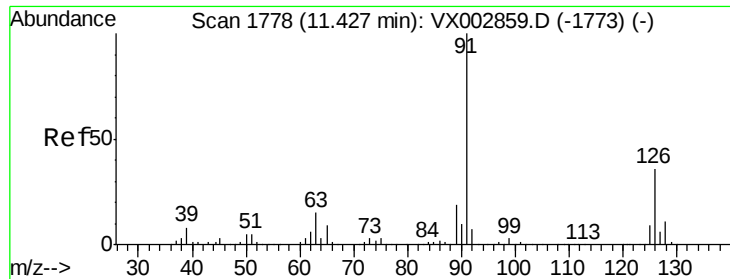
120 24.0 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

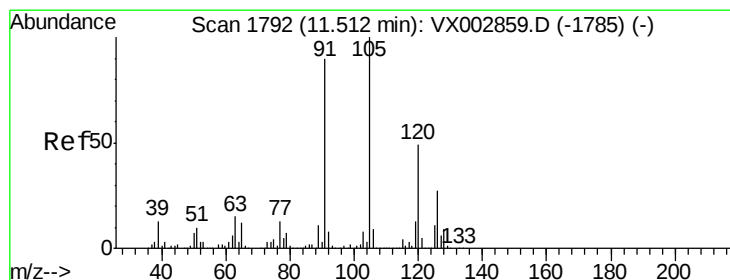
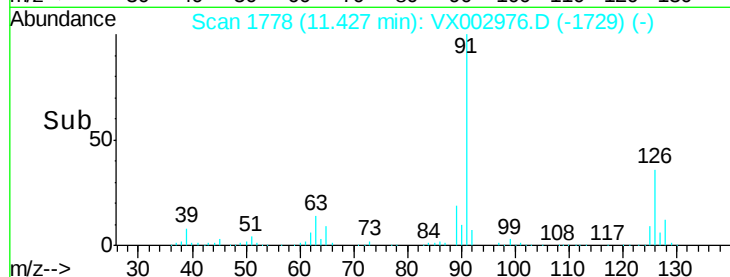
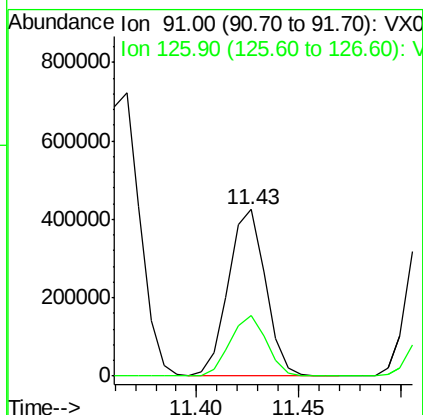
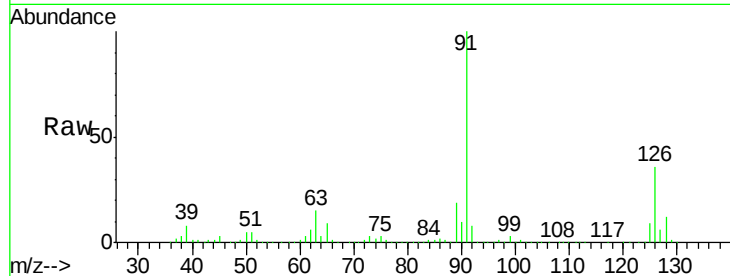




#79
 2-Chlorotoluene
 Concen: 49.493 ug/l
 RT: 11.43 min Scan# 1778
 Delta R.T. -0.00 min
 Lab File: VX002976.D
 Acq: 28 Jun 2018 09:43

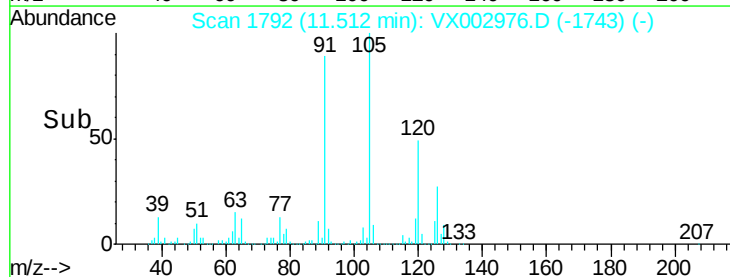
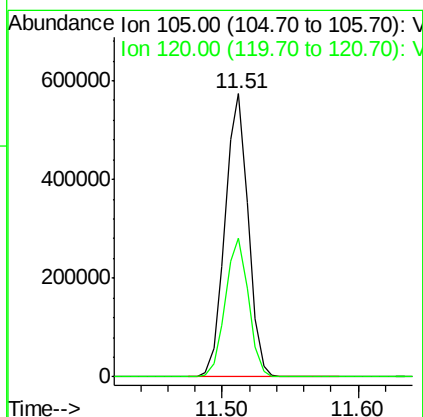
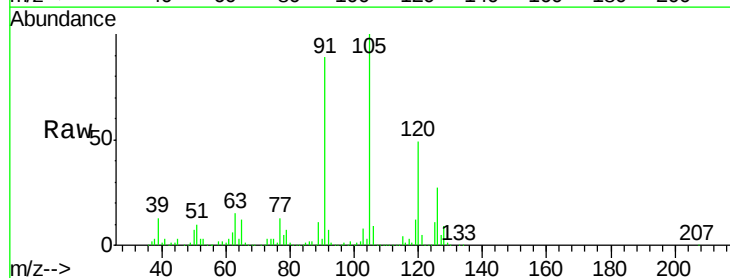
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

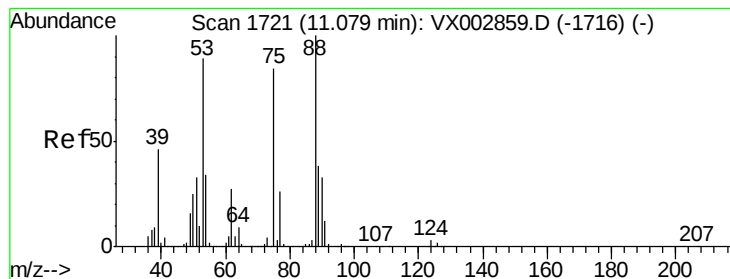
Tgt Ion: 91 Resp: 532029
 Ion Ratio Lower Upper
 91 100
 126 36.1 17.7 53.1



#80
 1,3,5-Trimethylbenzene
 Concen: 51.277 ug/l
 RT: 11.51 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX002976.D
 Acq: 28 Jun 2018 09:43

Tgt Ion: 105 Resp: 673658
 Ion Ratio Lower Upper
 105 100
 120 49.2 24.4 73.4





#81

trans-1,4-Dichloro-2-butene

Concen: 36.038 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. 0.00 min

Lab File: VX002976.D

Acq: 28 Jun 2018 09:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

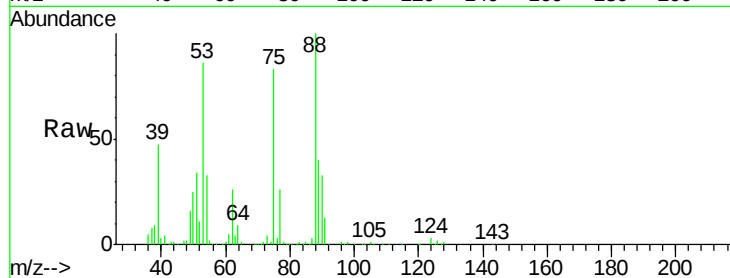
Tgt Ion: 75 Resp: 50711

Ion Ratio Lower Upper

75 100

53 107.3 86.8 130.2

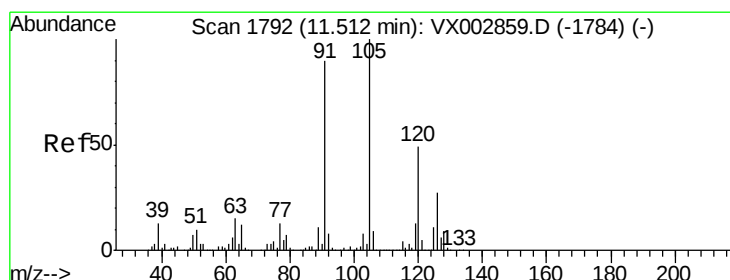
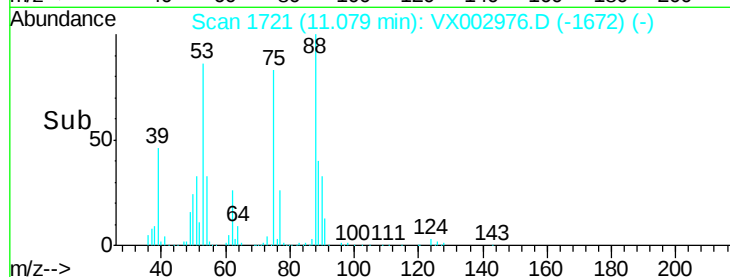
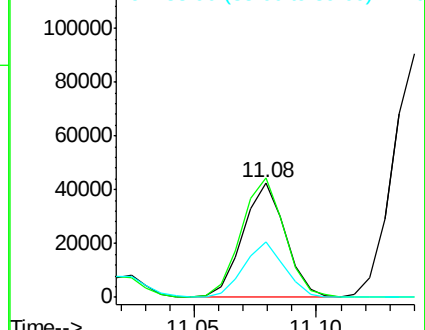
89 47.7 38.2 57.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 50.186 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX002976.D

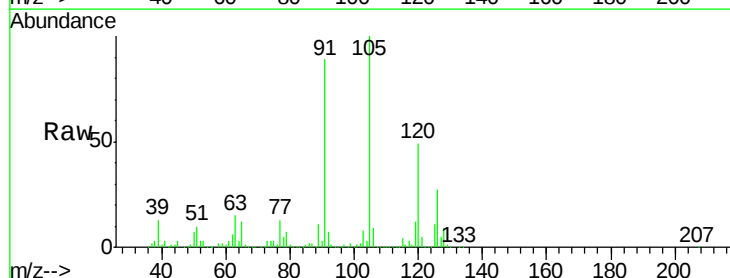
Acq: 28 Jun 2018 09:43

Tgt Ion: 91 Resp: 638651

Ion Ratio Lower Upper

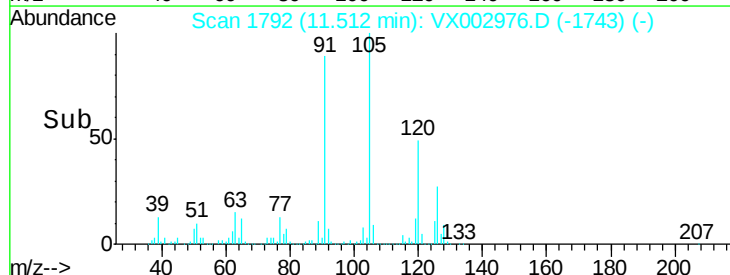
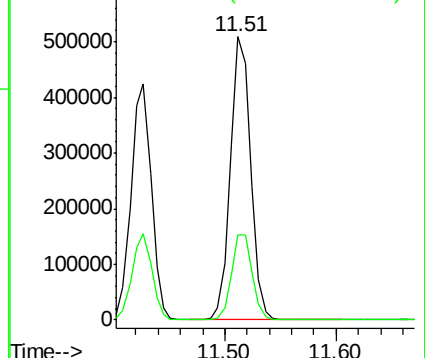
91 100

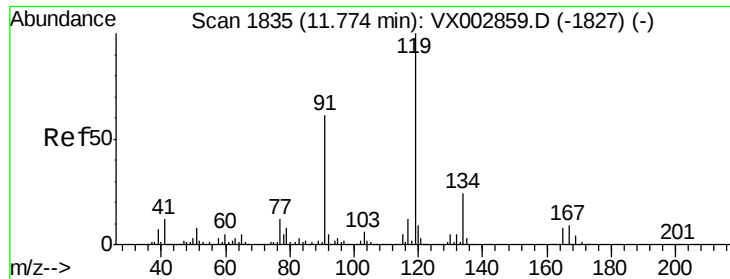
126 30.9 15.4 46.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

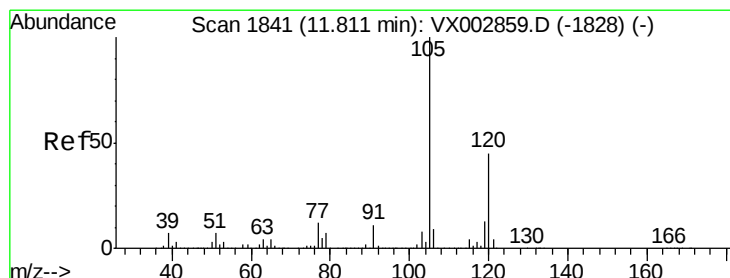
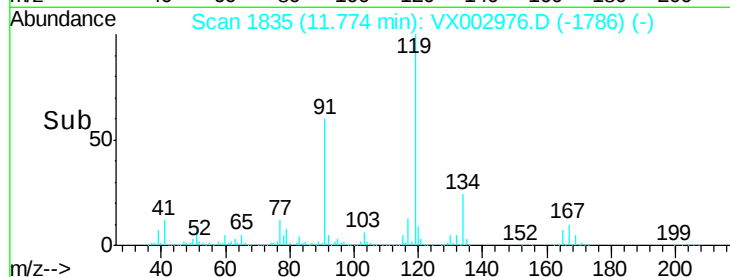
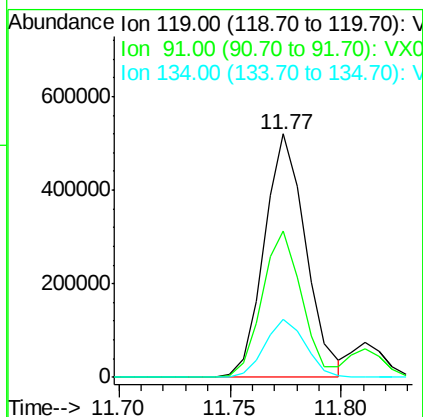
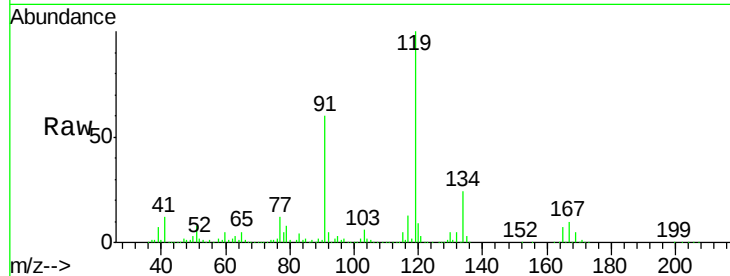




#83
 tert-Butylbenzene
 Concen: 51.801 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: VX002976.D
 Acq: 28 Jun 2018 09:43

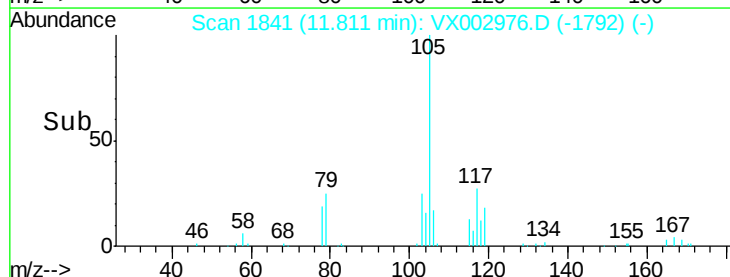
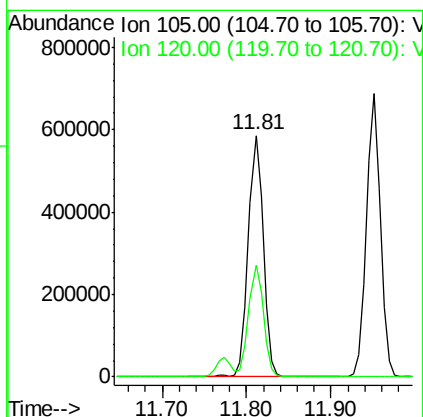
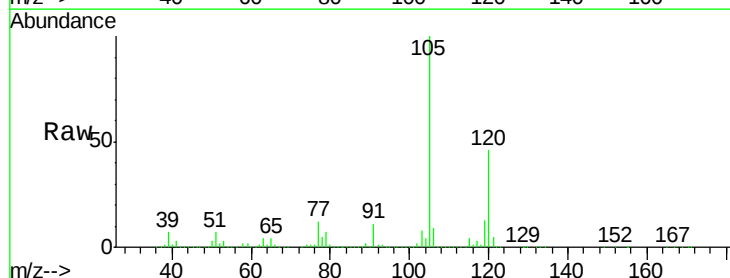
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

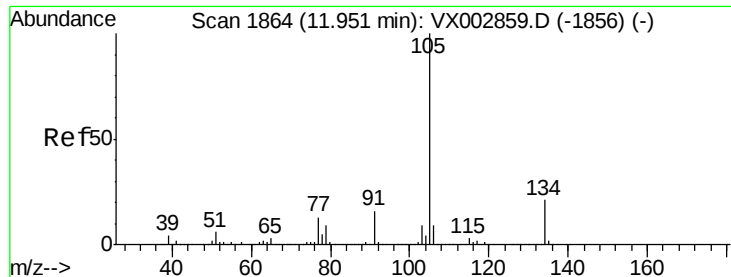
Tgt Ion:119 Resp: 670705
 Ion Ratio Lower Upper
 119 100
 91 58.4 30.3 90.9
 134 23.5 11.7 35.1



#84
 1,2,4-Trimethylbenzene
 Concen: 50.831 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: VX002976.D
 Acq: 28 Jun 2018 09:43

Tgt Ion:105 Resp: 691913
 Ion Ratio Lower Upper
 105 100
 120 45.7 22.3 66.8

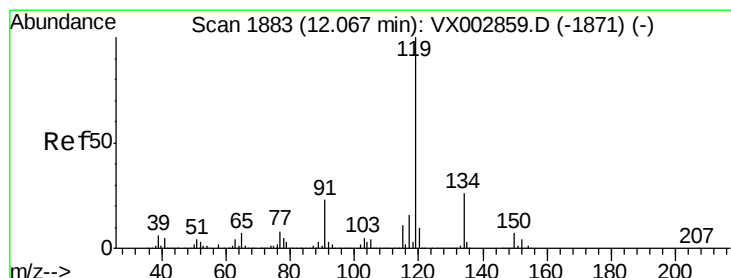
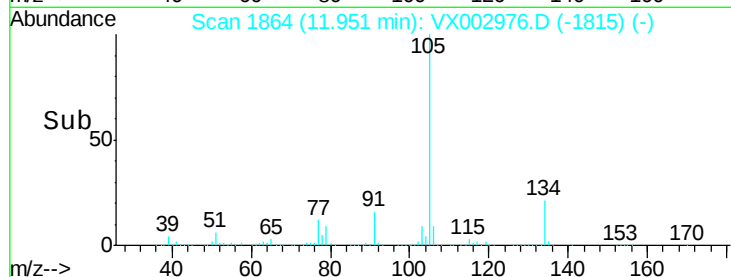
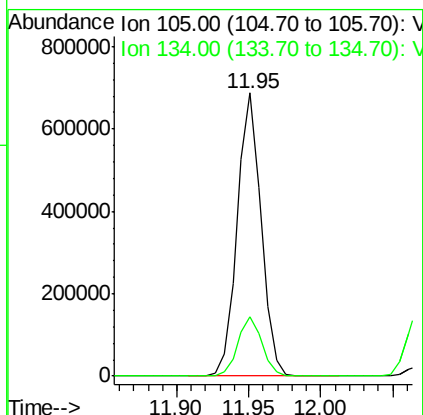
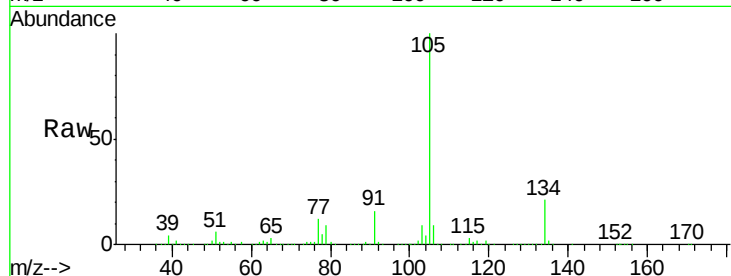




#85
 sec-Butylbenzene
 Concen: 50.650 ug/l
 RT: 11.95 min Scan# 1864
 Delta R.T. -0.00 min
 Lab File: VX002976.D
 Acq: 28 Jun 2018 09:43

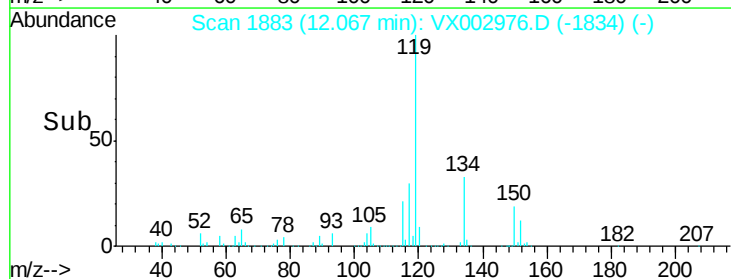
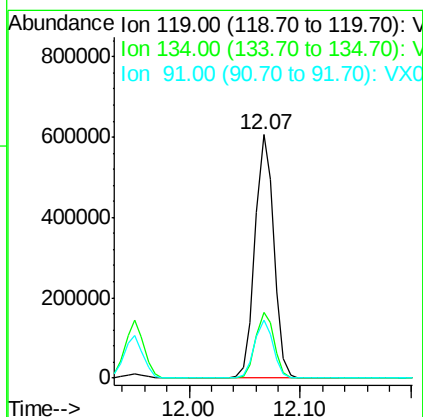
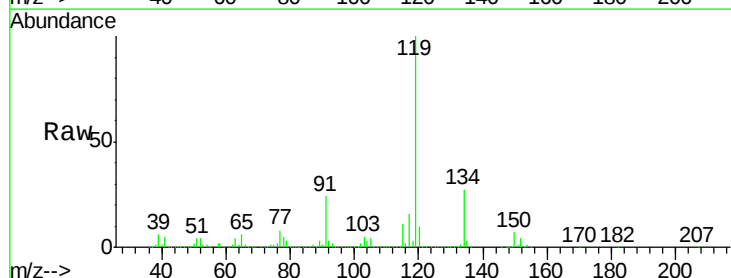
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:105 Resp: 795567
 Ion Ratio Lower Upper
 105 100
 134 21.0 10.4 31.1



#86
 p-Isopropyltoluene
 Concen: 50.747 ug/l
 RT: 12.07 min Scan# 1883
 Delta R.T. -0.00 min
 Lab File: VX002976.D
 Acq: 28 Jun 2018 09:43

Tgt Ion:119 Resp: 716629
 Ion Ratio Lower Upper
 119 100
 134 27.0 13.4 40.1
 91 23.4 11.9 35.7

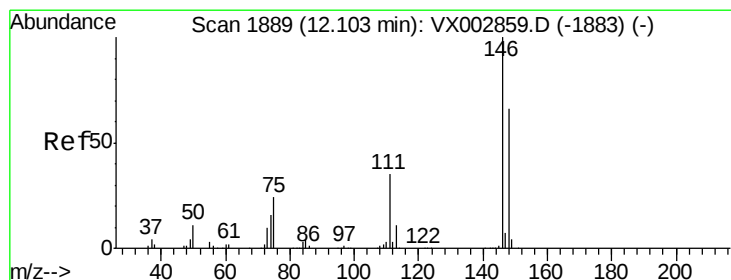
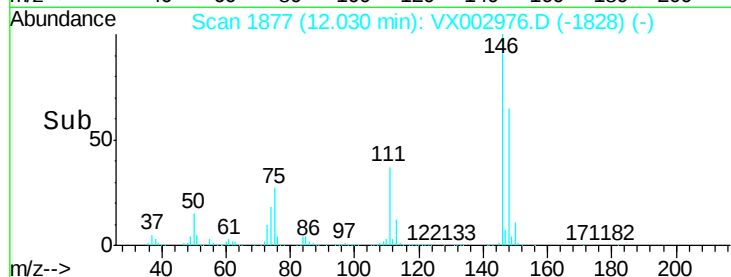
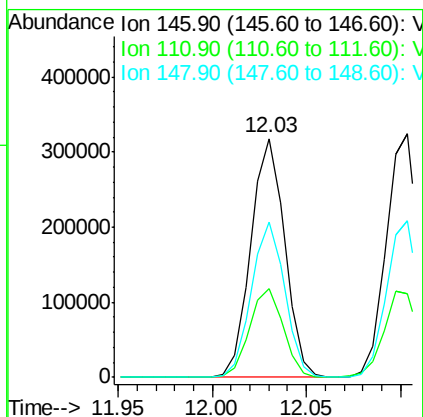
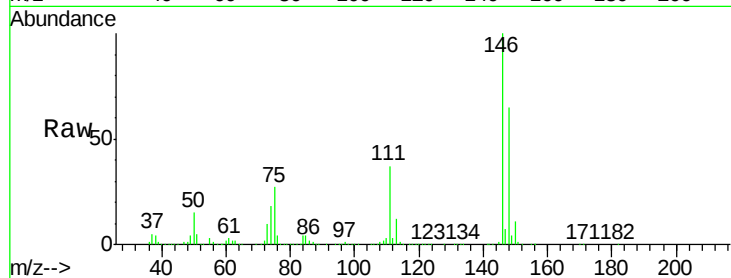




#87
 1,3-Dichlorobenzene
 Concen: 48.952 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: VX002976.D
 Acq: 28 Jun 2018 09:43

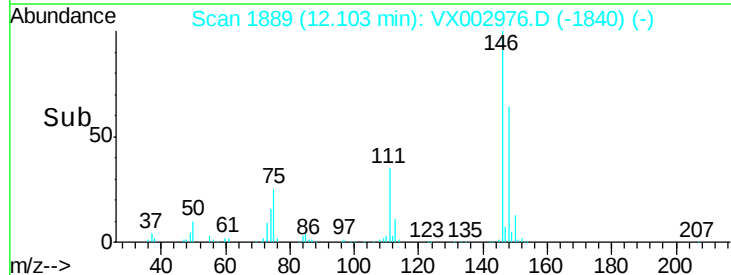
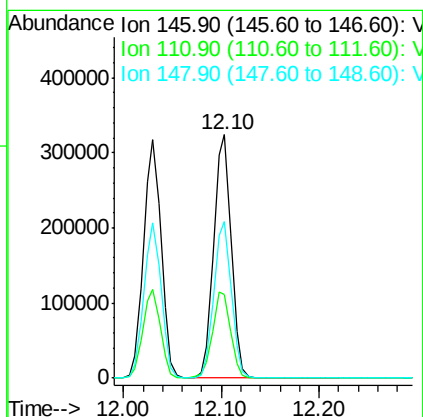
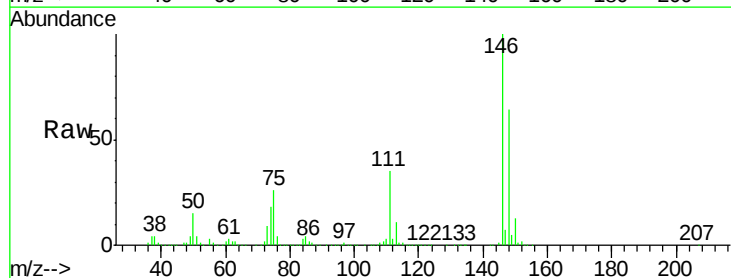
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:146 Resp: 397150
 Ion Ratio Lower Upper
 146 100
 111 37.2 18.9 56.7
 148 64.2 32.1 96.3



#88
 1,4-Dichlorobenzene
 Concen: 48.250 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. -0.00 min
 Lab File: VX002976.D
 Acq: 28 Jun 2018 09:43

Tgt Ion:146 Resp: 402843
 Ion Ratio Lower Upper
 146 100
 111 36.5 18.7 56.1
 148 64.4 32.4 97.0

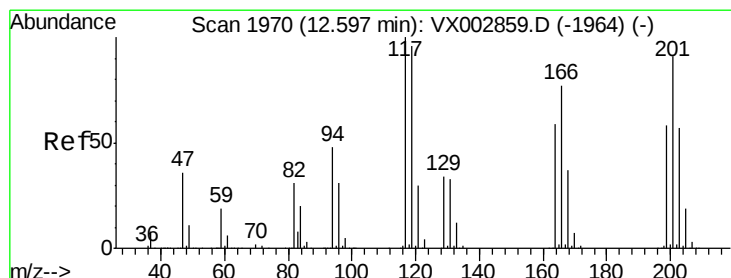
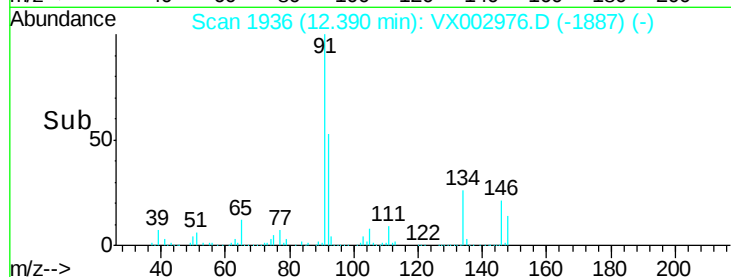
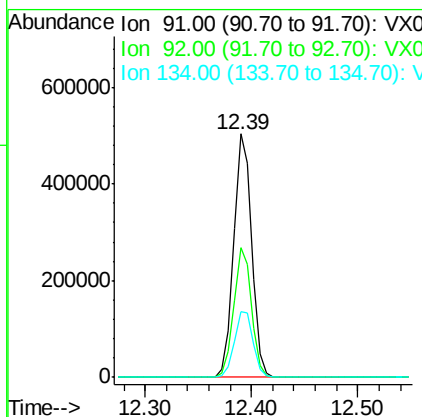
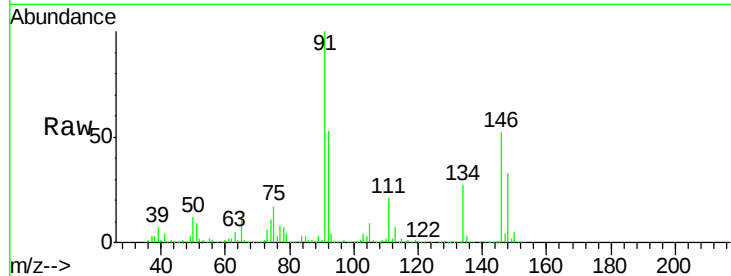




#89
n-Butylbenzene
Concen: 48.532 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. -0.00 min
Lab File: VX002976.D
Acq: 28 Jun 2018 09:43

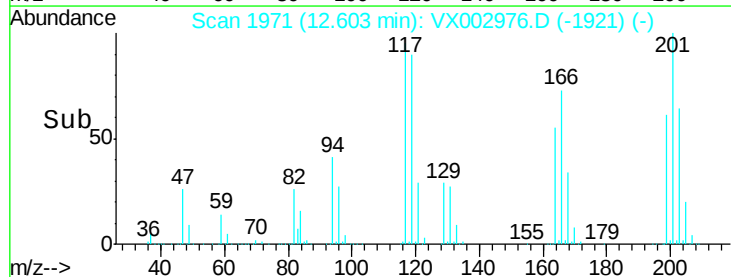
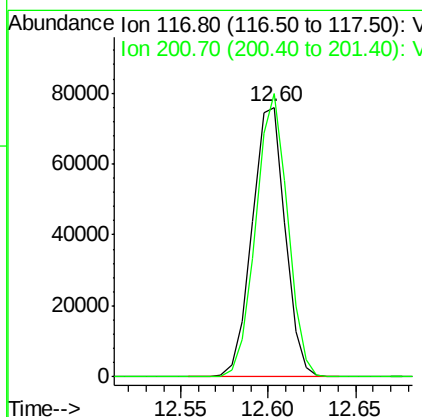
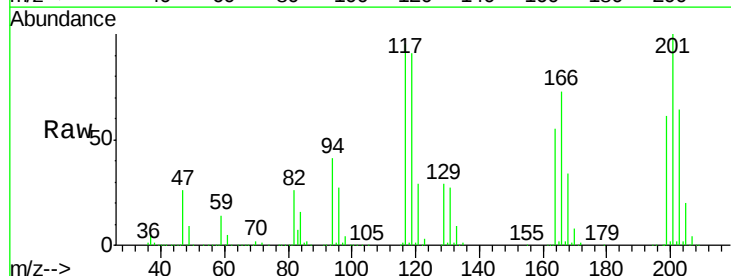
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

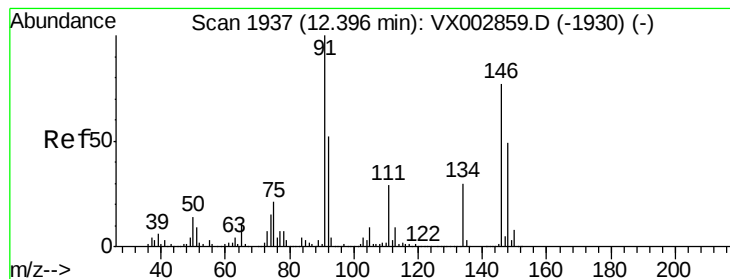
Tgt Ion: 91 Resp: 596526
Ion Ratio Lower Upper
91 100
92 52.6 26.0 78.0
134 28.0 13.5 40.5



#90
Hexachloroethane
Concen: 47.555 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. 0.01 min
Lab File: VX002976.D
Acq: 28 Jun 2018 09:43

Tgt Ion: 117 Resp: 99888
Ion Ratio Lower Upper
117 100
201 100.9 49.0 147.0





#91

1,2-Dichlorobenzene

Concen: 49.004 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VX002976.D

Acq: 28 Jun 2018 09:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

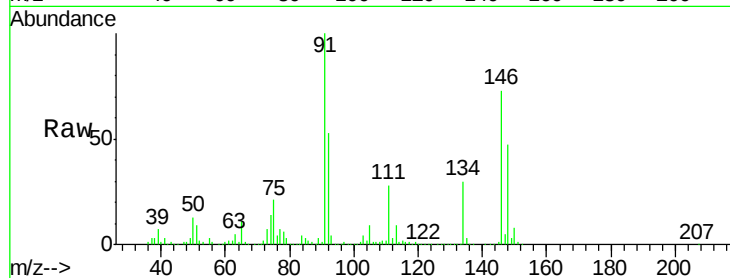
Tgt Ion:146 Resp: 401268

Ion Ratio Lower Upper

146 100

111 38.8 19.4 58.1

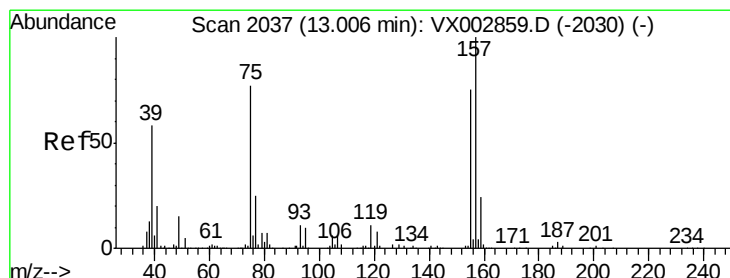
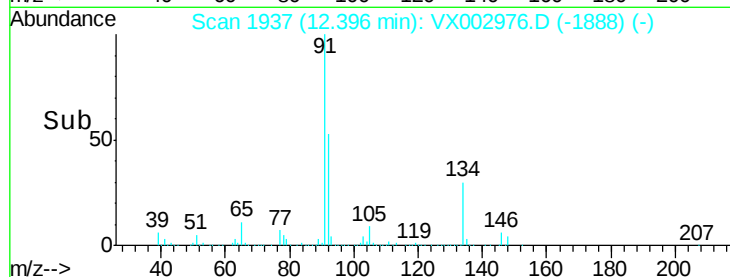
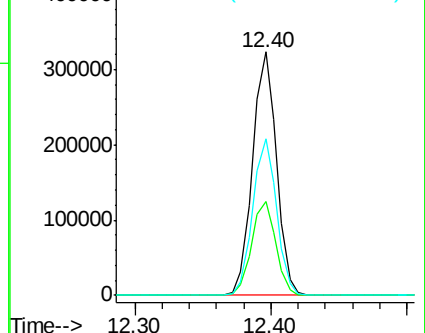
148 64.2 31.7 95.1



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



#92

1,2-Dibromo-3-Chloropropane

Concen: 53.940 ug/l

RT: 13.01 min Scan# 2037

Delta R.T. -0.00 min

Lab File: VX002976.D

Acq: 28 Jun 2018 09:43

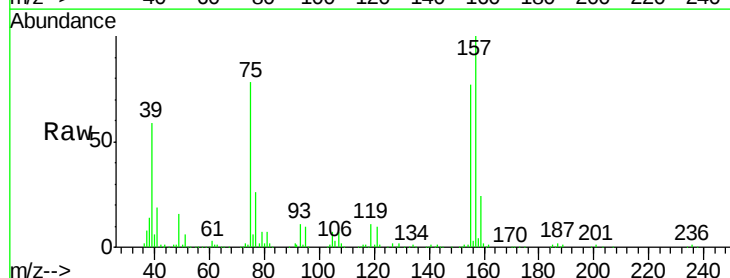
Tgt Ion: 75 Resp: 58264

Ion Ratio Lower Upper

75 100

155 100.4 45.8 137.4

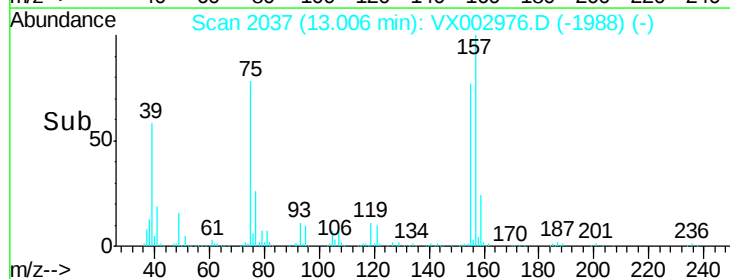
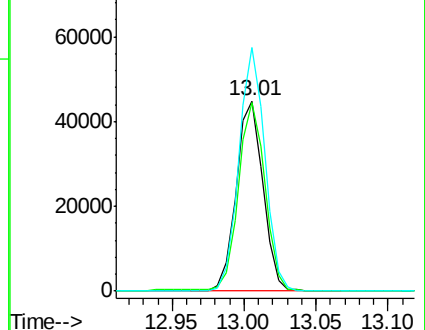
157 123.6 60.1 180.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

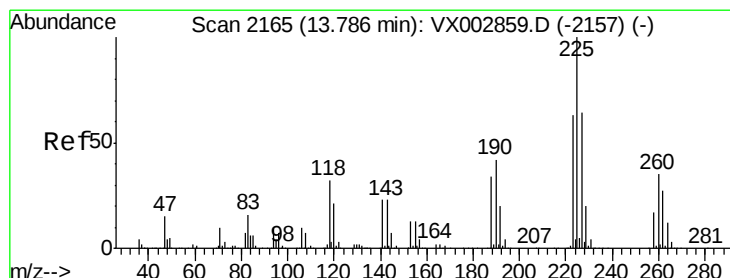
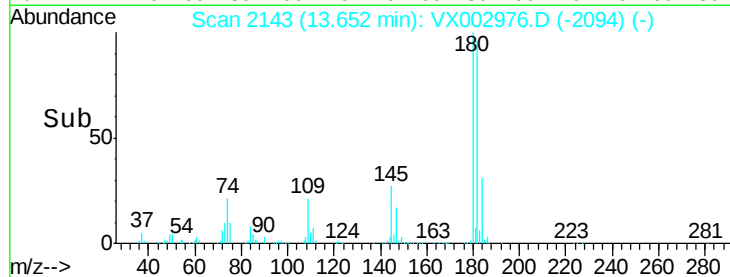
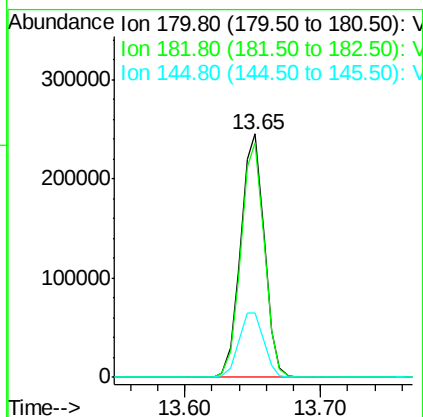
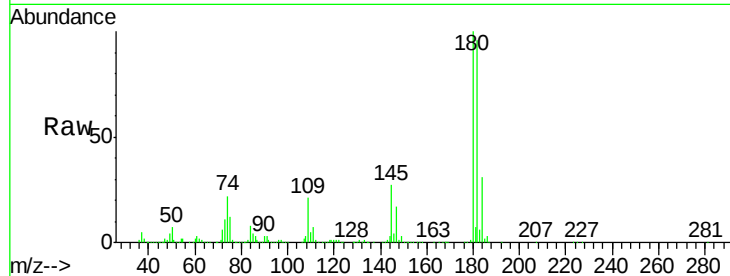




#93
 1,2,4-Trichlorobenzene
 Concen: 49.757 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX002976.D
 Acq: 28 Jun 2018 09:43

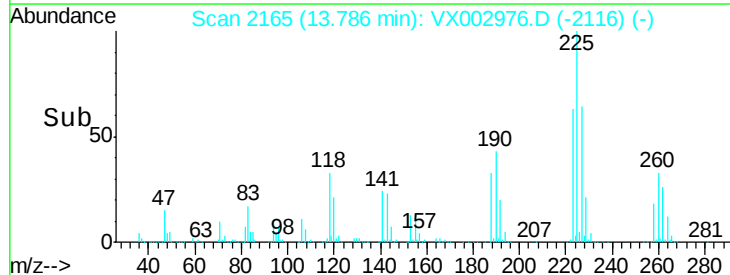
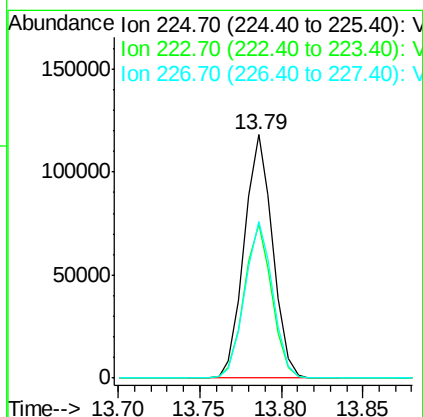
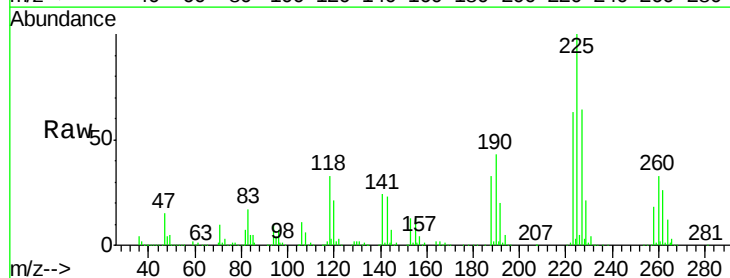
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

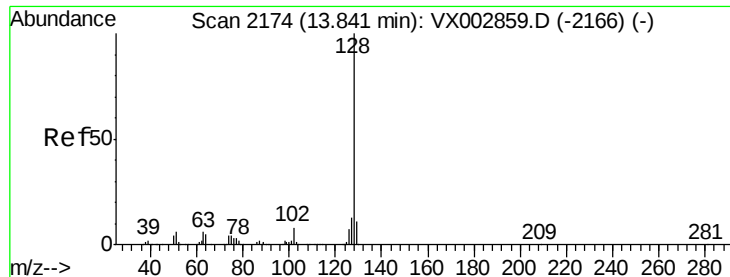
Tgt Ion:180 Resp: 296521
 Ion Ratio Lower Upper
 180 100
 182 95.7 47.7 143.1
 145 28.2 14.1 42.4



#94
 Hexachlorobutadiene
 Concen: 48.185 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VX002976.D
 Acq: 28 Jun 2018 09:43

Tgt Ion:225 Resp: 143219
 Ion Ratio Lower Upper
 225 100
 223 62.0 31.6 95.0
 227 63.4 32.4 97.2





#95

Naphthalene

Concen: 54.044 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX002976.D

Acq: 28 Jun 2018 09:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

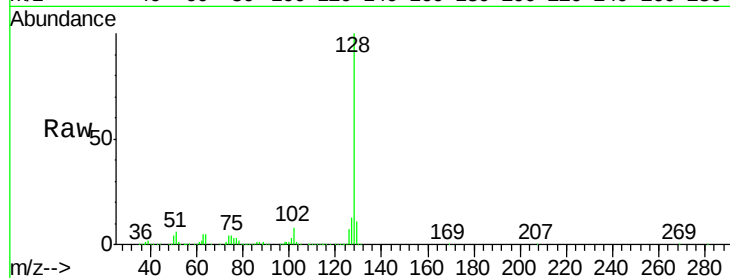
Tgt Ion:128 Resp: 857809

Ion Ratio Lower Upper

128 100

127 13.0 10.4 15.6

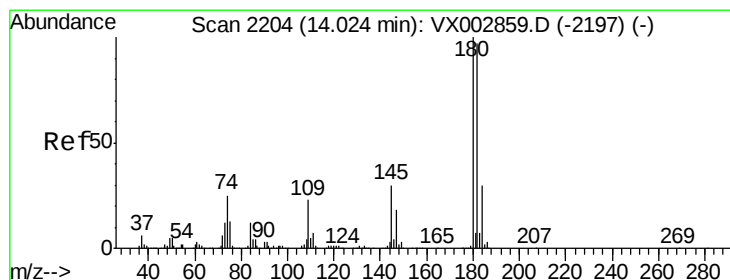
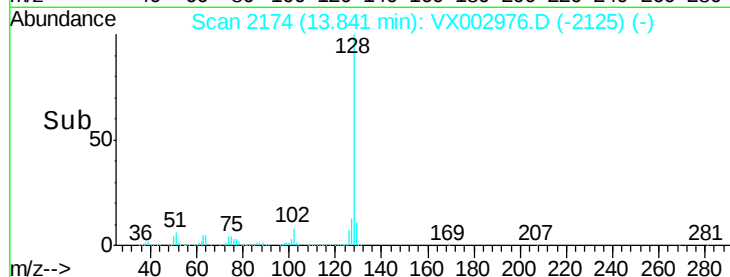
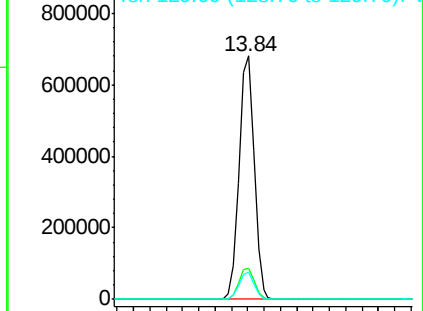
129 11.0 8.6 13.0



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: 51.429 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. -0.00 min

Lab File: VX002976.D

Acq: 28 Jun 2018 09:43

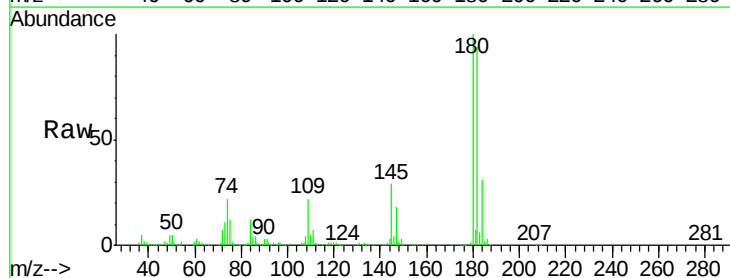
Tgt Ion:180 Resp: 306126

Ion Ratio Lower Upper

180 100

182 95.5 48.0 144.0

145 29.6 14.8 44.3



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

