

Data File : VX001716.D

Acq On : 14 May 2018 18:16

Operator : JC/MD

Sample : VSTDICCC050

Misc : 5.0mL/MSVOA_X/WATER

ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Quant Time: May 15 01:05:53 2018

Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X051518W.M

Quant Title : SW846 8260

QLast Update : Tue May 15 01:02:23 2018

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	325648	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	425864	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	375967	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	252748	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	208360	45.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.54%	
35) Dibromofluoromethane	5.51	113	175735	46.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.90%	
50) Toluene-d8	8.72	98	660241	48.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.40%	
62) 4-Bromofluorobenzene	11.14	95	231889	44.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.90%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	161015	38.53	ug/l	100
3) Chloromethane	1.32	50	165398	39.91	ug/l	100
4) Vinyl Chloride	1.40	62	184039	42.28	ug/l	100
5) Bromomethane	1.64	94	79748	31.50	ug/l	100
6) Chloroethane	1.72	64	118644	41.52	ug/l	100
7) Trichlorofluoromethane	1.93	101	269382	41.38	ug/l	100
8) Diethyl Ether	2.19	74	108646	42.28	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.39	101	158172	41.33	ug/l	100
10) Methyl Iodide	2.51	142	156794	30.52	ug/l	100
11) Tert butyl alcohol	3.08	59	182548	193.92	ug/l	100
12) 1,1-Dichloroethene	2.37	96	152664	43.24	ug/l	100
13) Acrolein	2.30	56	126374	429.91	ug/l	100
14) Allyl chloride	2.73	41	290072	43.99	ug/l	100
15) Acrylonitrile	3.15	53	470747	215.54	ug/l	100
16) Acetone	2.45	43	399549	193.92	ug/l	100
17) Carbon Disulfide	2.57	76	394850	43.99	ug/l	100
18) Methyl Acetate	2.78	43	248912	45.05	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	529981	43.10	ug/l	100
20) Methylene Chloride	2.86	84	170010	41.24	ug/l	100
21) trans-1,2-Dichloroethene	3.17	96	167655	42.46	ug/l	100
22) Diisopropyl ether	3.88	45	552151	44.59	ug/l	100
23) Vinyl Acetate	3.83	43	1887134	188.82	ug/l	100
24) 1,1-Dichloroethane	3.70	63	297701	43.29	ug/l	100
25) 2-Butanone	4.71	43	647867	215.18	ug/l	100
26) 2,2-Dichloropropane	4.59	77	246337	46.13	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	194216	45.68	ug/l	100
28) Bromochloromethane	5.03	49	145644	48.13	ug/l	100
29) Tetrahydrofuran	5.17	42	423927	219.43	ug/l	100
30) Chloroform	5.22	83	320024	44.94	ug/l	100
31) Cyclohexane	5.58	56	276493	46.40	ug/l	100
32) 1,1,1-Trichloroethane	5.50	97	285448	45.93	ug/l	100
36) 1,1-Dichloropropene	5.81	75	239960	44.96	ug/l	100
37) Ethyl Acetate	4.87	43	251215	43.25	ug/l	100
38) Carbon Tetrachloride	5.79	117	256920	45.42	ug/l	100

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Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Quant Time: May 15 01:05:53 2018

Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X051518W.M

Quant Title : SW846 8260

QLast Update : Tue May 15 01:02:23 2018

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	291296	46.16	ug/l	100
40) Benzene	6.15	78	713540	45.78	ug/l	100
41) Methacrylonitrile	5.07	41	143358	43.01	ug/l	100
42) 1,2-Dichloroethane	6.20	62	253865	42.80	ug/l	100
43) Isopropyl Acetate	6.48	43	404657	45.34	ug/l	100
44) Trichloroethene	7.22	130	221095	46.16	ug/l	100
45) 1,2-Dichloropropane	7.53	63	175431	45.12	ug/l	100
46) Dibromomethane	7.67	93	122149	44.55	ug/l	100
47) Bromodichloromethane	7.90	83	236890	46.72	ug/l	100
48) Methyl methacrylate	7.79	41	215753	44.54	ug/l	100
49) 1,4-Dioxane	7.76	88	79362	774.86	ug/l	100
51) 4-Methyl-2-Pentanone	8.66	43	1310355	221.63	ug/l	100
52) Toluene	8.79	92	470850	46.21	ug/l	100
53) t-1,3-Dichloropropene	8.44	75	286202	49.70	ug/l	100
54) cis-1,3-Dichloropropene	9.05	75	243495	47.09	ug/l	100
55) 1,1,2-Trichloroethane	9.22	97	174609	42.91	ug/l	100
56) Ethyl methacrylate	9.19	69	261529	44.75	ug/l	100
57) 1,3-Dichloropropane	9.38	76	289975	43.18	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	698316	241.30	ug/l	100
59) 2-Hexanone	9.50	43	935754	209.28	ug/l	100
60) Dibromochloromethane	9.59	129	190737	46.08	ug/l	100
61) 1,2-Dibromoethane	9.68	107	186849	43.88	ug/l	100
64) Tetrachloroethene	9.34	164	242587	46.86	ug/l	100
65) Chlorobenzene	10.15	112	504298	46.25	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	184934	47.56	ug/l	100
67) Ethyl Benzene	10.26	91	835869	46.82	ug/l	100
68) m/p-Xylenes	10.37	106	667881	94.77	ug/l	100
69) o-Xylene	10.71	106	321020	46.99	ug/l	100
70) Styrene	10.72	104	536425	48.24	ug/l	100
71) Bromoform	10.86	173	156779	49.30	ug/l	100
73) Isopropylbenzene	11.02	105	854405	48.94	ug/l	100
74) N-amyl acetate	6.48	43	404657	50.48	ug/l	# 100
75) 1,1,2,2-Tetrachloroethane	11.27	83	242487	47.07	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	300983	58.72	ug/l	89
77) Bromobenzene	11.26	156	244565	48.03	ug/l	100
78) n-propylbenzene	11.37	91	955428	50.16	ug/l	100
79) 2-Chlorotoluene	11.43	91	562078	48.13	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	711400	49.03	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	74228	54.91	ug/l	100
82) 4-Chlorotoluene	11.52	91	660885	49.02	ug/l	100
83) tert-Butylbenzene	11.77	119	694701	48.28	ug/l	100
84) 1,2,4-Trimethylbenzene	11.81	105	736776	49.39	ug/l	100
85) sec-Butylbenzene	11.95	105	862052	49.70	ug/l	100
86) p-Isopropyltoluene	12.07	119	792743	49.93	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	441891	48.62	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	447638	48.27	ug/l	100
89) n-Butylbenzene	12.40	91	681083	51.43	ug/l	100
90) Hexachloroethane	12.60	117	126685	52.42	ug/l	100
91) 1,2-Dichlorobenzene	12.40	146	440252	47.73	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	56185	49.84	ug/l	100

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX051518\
Quantitation Report (Not Reviewed)

Data File : VX001716.D
Acq On : 14 May 2018 18:16
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Sample : VSTDICCC050
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Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Quant Time: May 15 01:05:53 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X051518W.M
Quant Title : SW846 8260
QLast Update : Tue May 15 01:02:23 2018
Response via : Initial Calibration

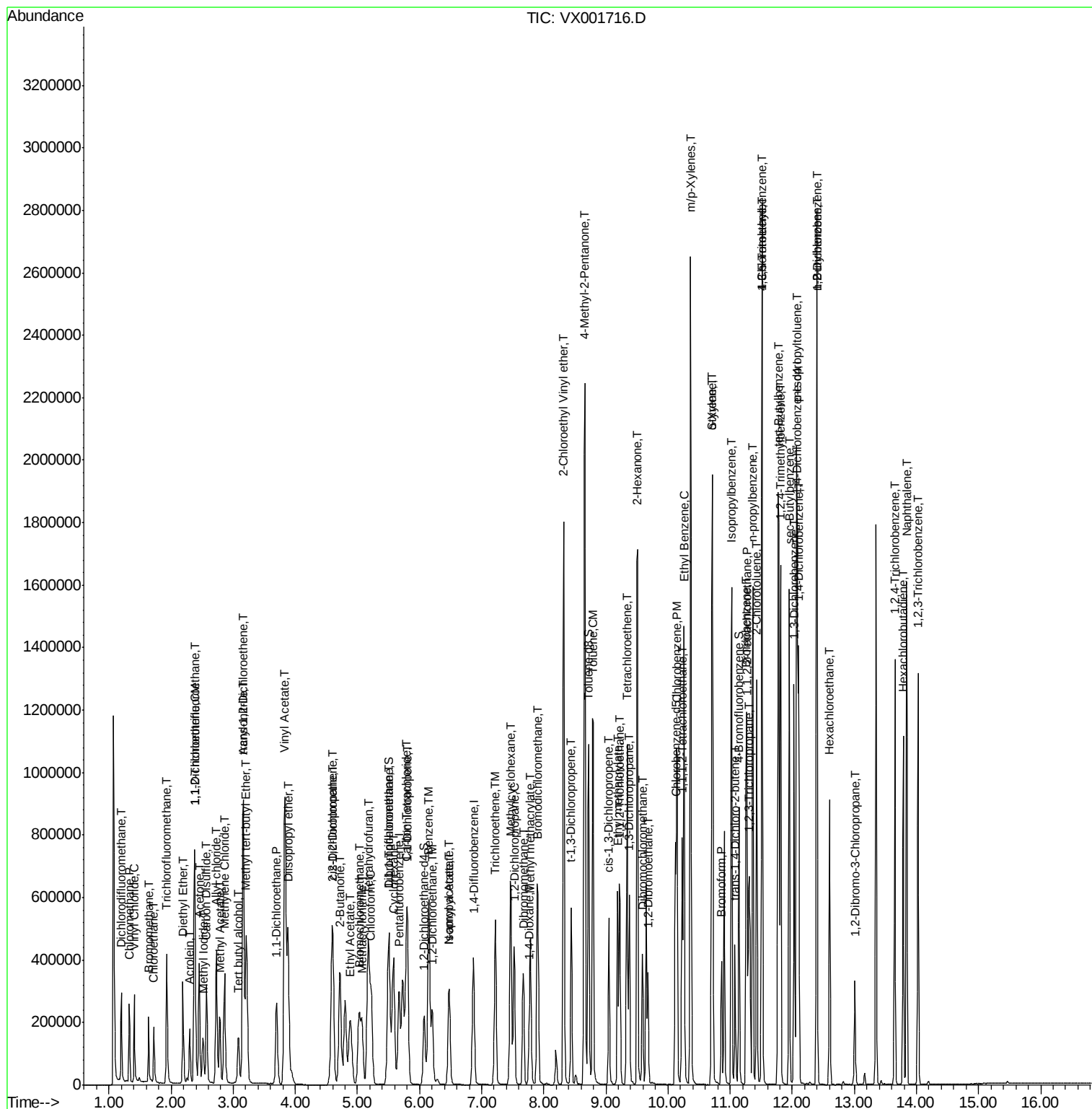
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	358326	52.47	ug/l	100
94) Hexachlorobutadiene	13.79	225	188771	50.57	ug/l	100
95) Naphthalene	13.84	128	980216	52.25	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	357463	51.24	ug/l	100

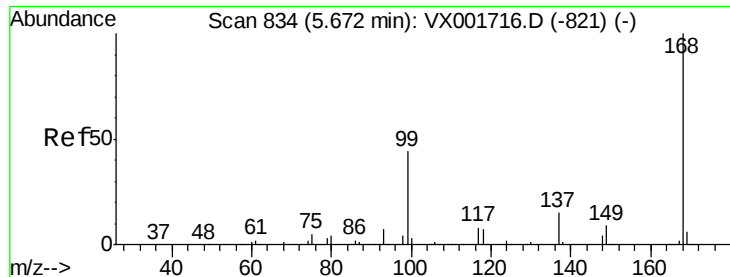
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ALS Vial      : 12      Sample Multiplier: 1
```

VSTDICCC050

Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.00 min

Lab File: VX001716.D

Acq: 14 May 2018 18:16

Instrument :

MSVOA_X

ClientSampleId :

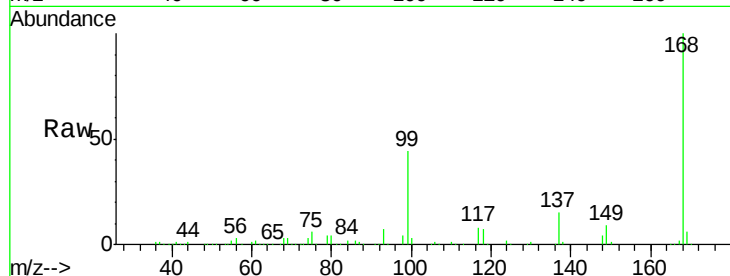
VSTDICCC050

Tgt Ion:168 Resp: 325648

Ion Ratio Lower Upper

168 100

99 43.7 35.0 52.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

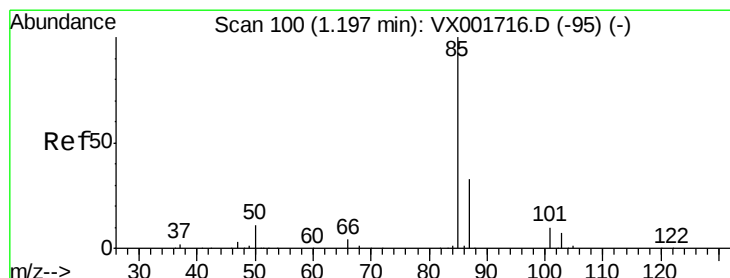
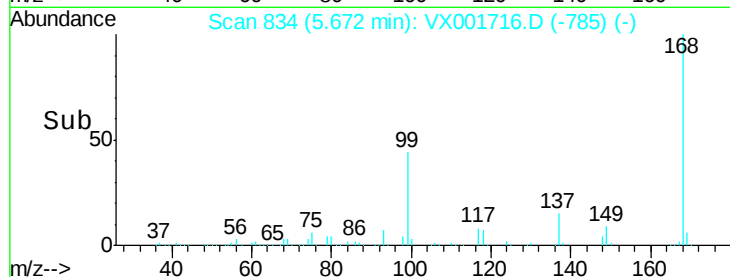
5.67

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 38.53 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX001716.D

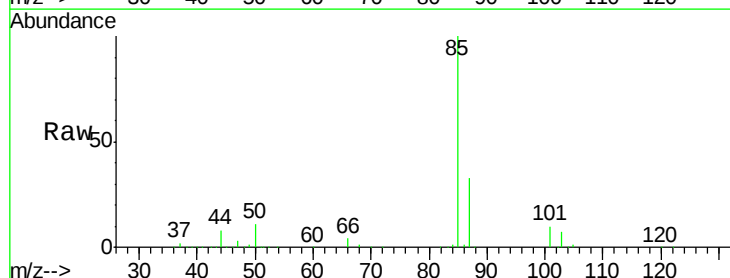
Acq: 14 May 2018 18:16

Tgt Ion: 85 Resp: 161015

Ion Ratio Lower Upper

85 100

87 32.8 16.4 49.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

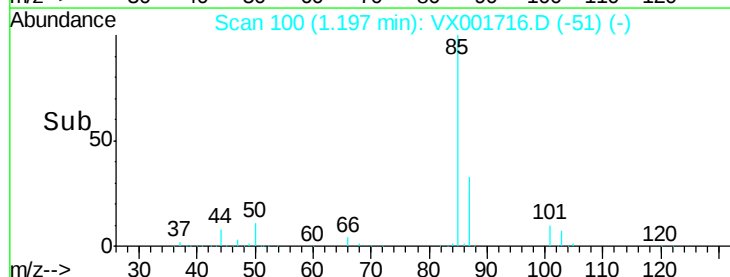
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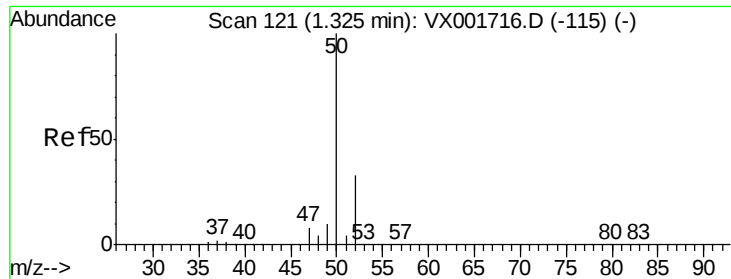
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50000

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Time-->





#3

Chloromethane

Concen: 39.91 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX001716.D

Acq: 14 May 2018 18:16

Instrument :

MSVOA_X

ClientSampleId :

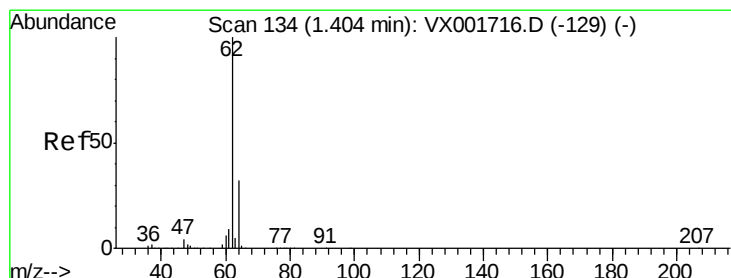
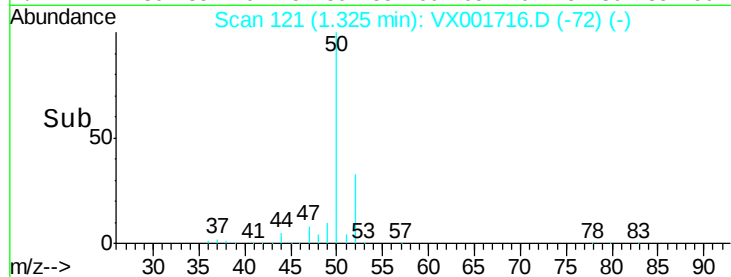
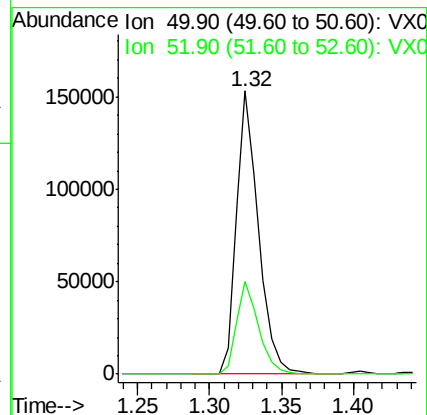
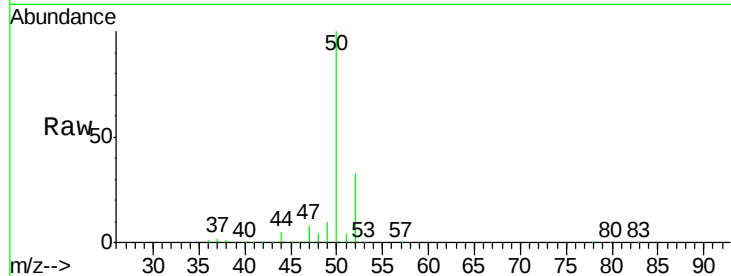
VSTDICCC050

Tgt Ion: 50 Resp: 165398

Ion Ratio Lower Upper

50 100

52 32.9 26.3 39.5



#4

Vinyl Chloride

Concen: 42.28 ug/l

RT: 1.40 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX001716.D

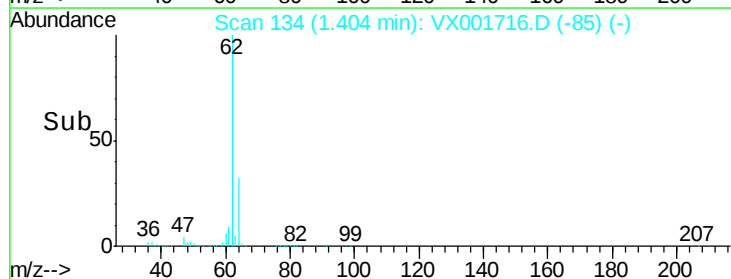
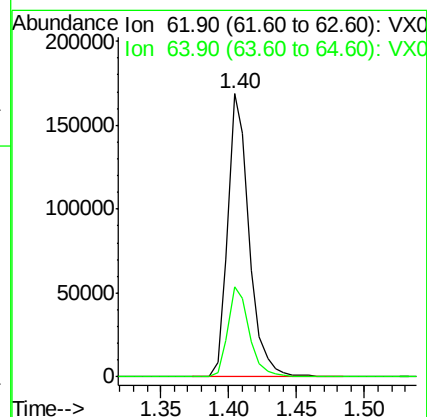
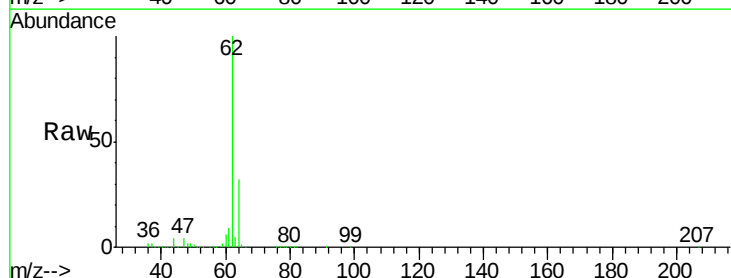
Acq: 14 May 2018 18:16

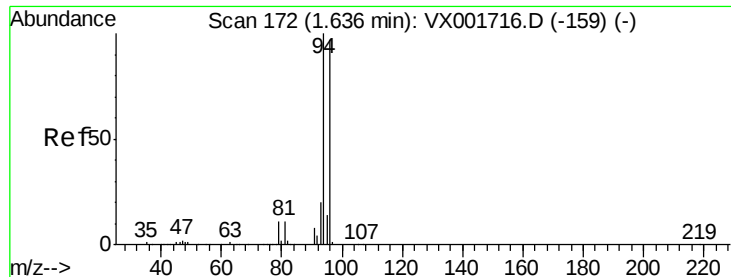
Tgt Ion: 62 Resp: 184039

Ion Ratio Lower Upper

62 100

64 32.0 25.6 38.4





#5

Bromomethane

Concen: 31.50 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX001716.D

Acq: 14 May 2018 18:16

Instrument :

MSVOA_X

ClientSampleId :

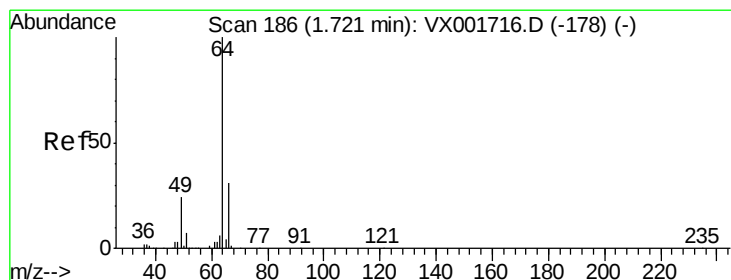
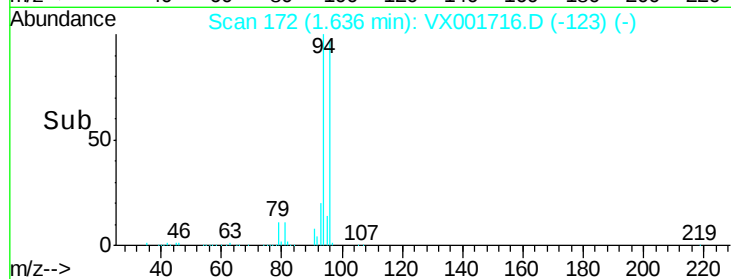
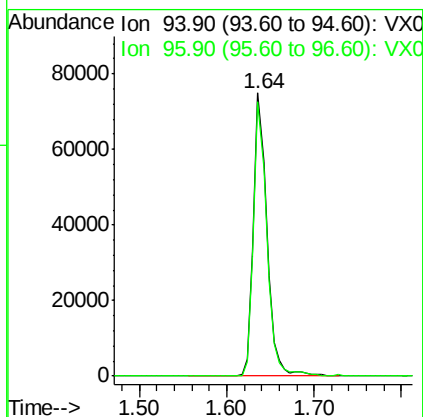
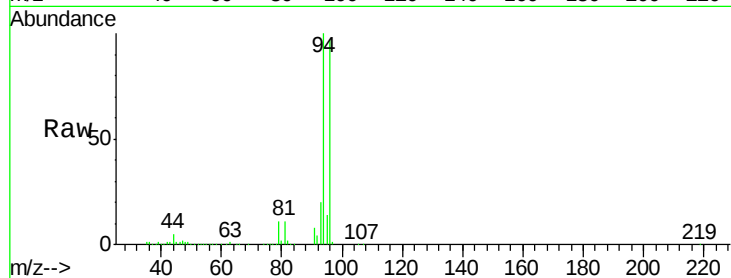
VSTDICCC050

Tgt Ion: 94 Resp: 79748

Ion Ratio Lower Upper

94 100

96 96.7 77.4 116.0



#6

Chloroethane

Concen: 41.52 ug/l

RT: 1.72 min Scan# 186

Delta R.T. 0.00 min

Lab File: VX001716.D

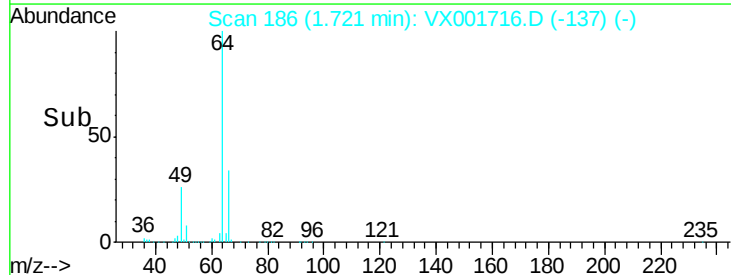
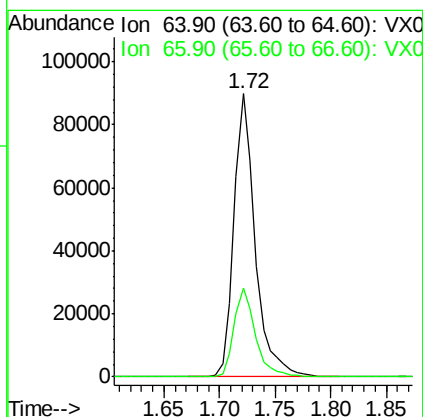
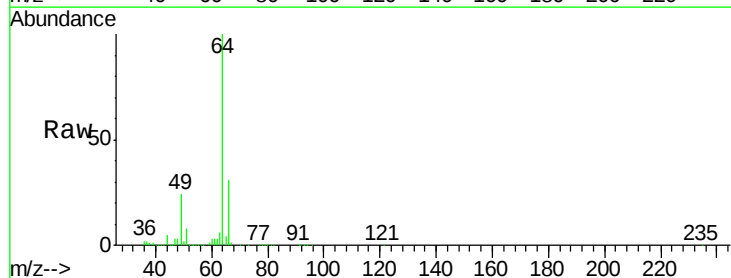
Acq: 14 May 2018 18:16

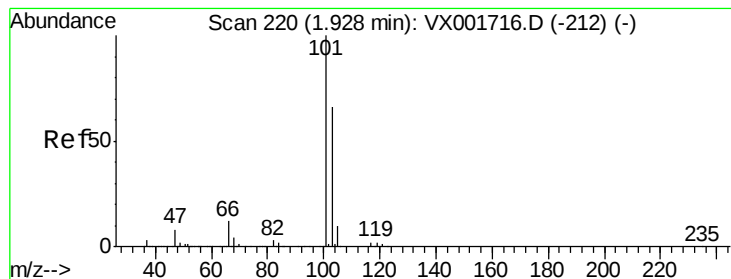
Tgt Ion: 64 Resp: 118644

Ion Ratio Lower Upper

64 100

66 31.5 25.2 37.8



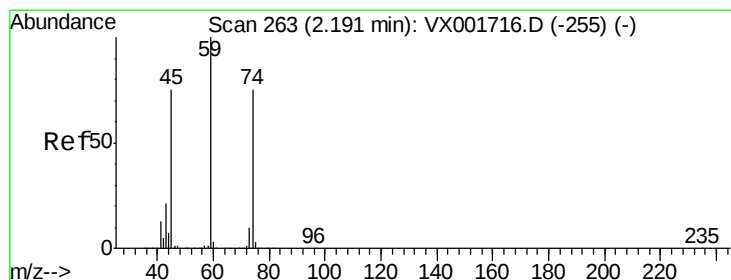
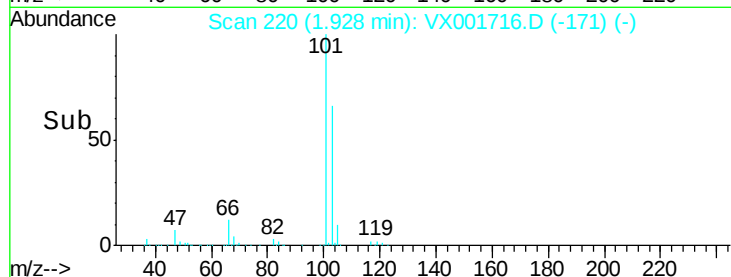
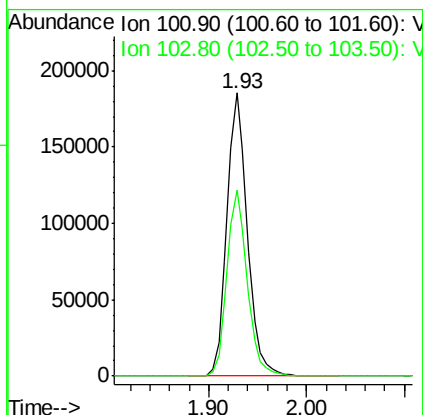
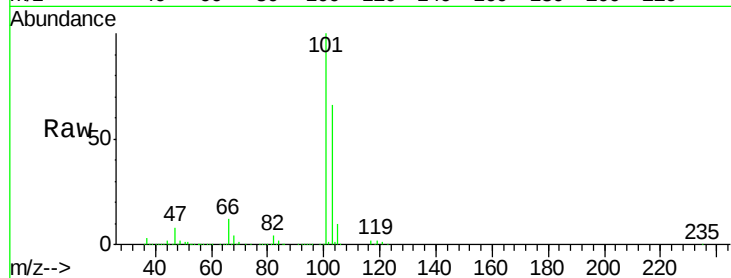


#7

Trichlorofluoromethane
 Concen: 41.38 ug/l
 RT: 1.93 min Scan# 220
 Delta R.T. 0.00 min
 Lab File: VX001716.D
 Acq: 14 May 2018 18:16

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

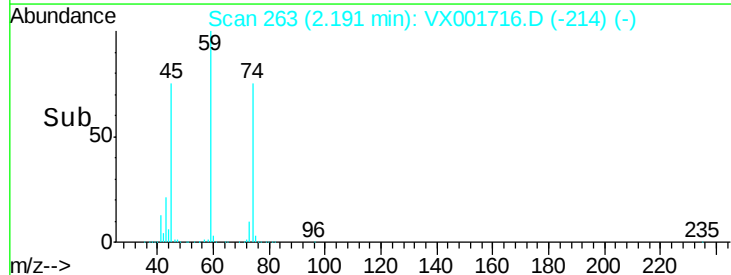
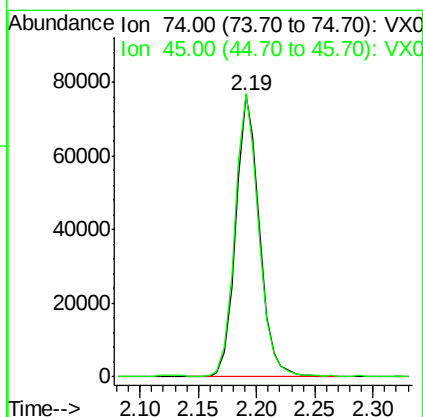
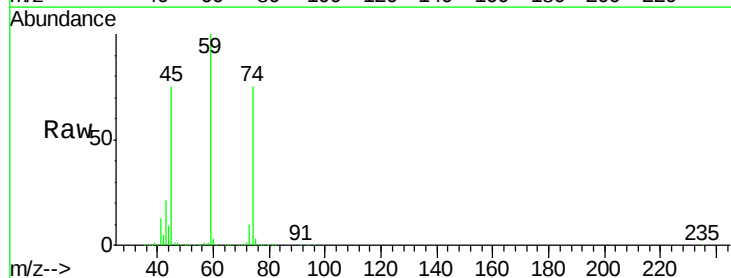
Tgt Ion:101 Resp: 269382
 Ion Ratio Lower Upper
 101 100
 103 65.7 52.6 78.8

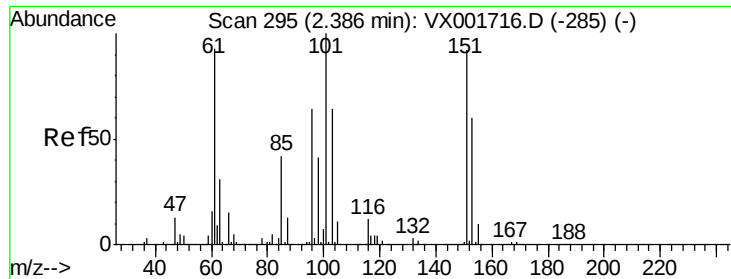


#8

Diethyl Ether
 Concen: 42.28 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. 0.00 min
 Lab File: VX001716.D
 Acq: 14 May 2018 18:16

Tgt Ion: 74 Resp: 108646
 Ion Ratio Lower Upper
 74 100
 45 99.9 50.0 149.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 41.33 ug/l

RT: 2.39 min Scan# 295

Delta R.T. 0.00 min

Lab File: VX001716.D

Acq: 14 May 2018 18:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

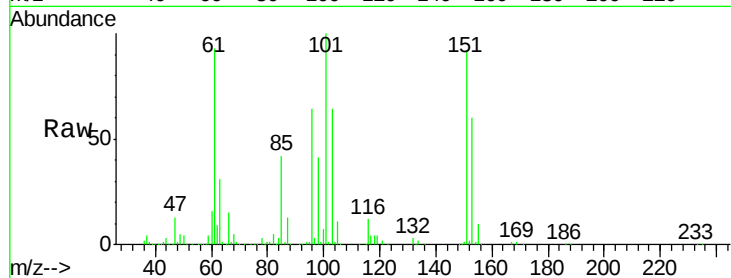
Tgt Ion:101 Resp: 158172

Ion Ratio Lower Upper

101 100

85 42.1 33.7 50.5

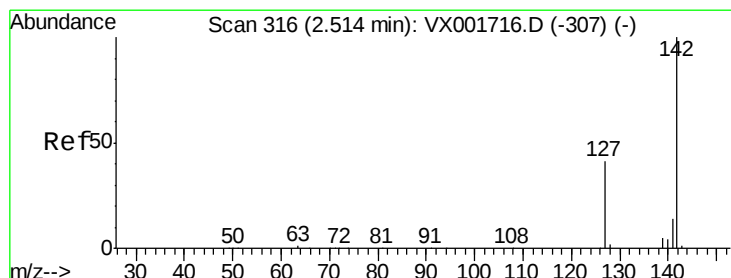
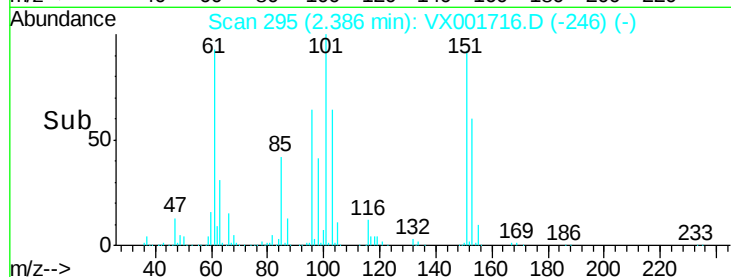
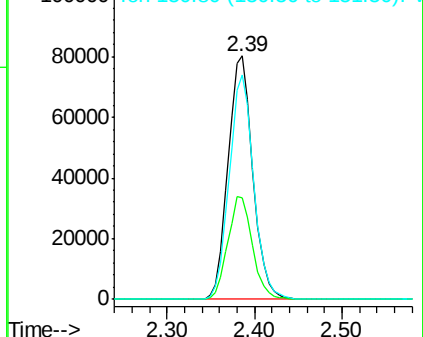
151 91.3 73.0 109.6



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: 30.52 ug/l

RT: 2.51 min Scan# 316

Delta R.T. 0.00 min

Lab File: VX001716.D

Acq: 14 May 2018 18:16

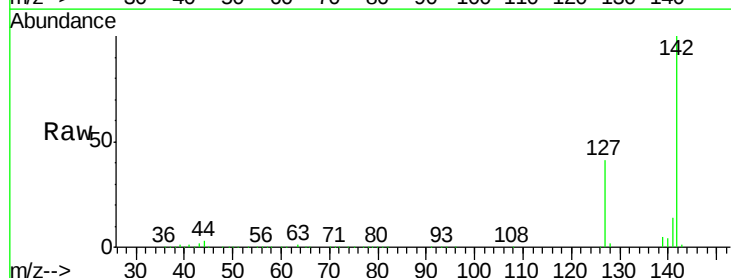
Tgt Ion:142 Resp: 156794

Ion Ratio Lower Upper

142 100

127 40.6 32.5 48.7

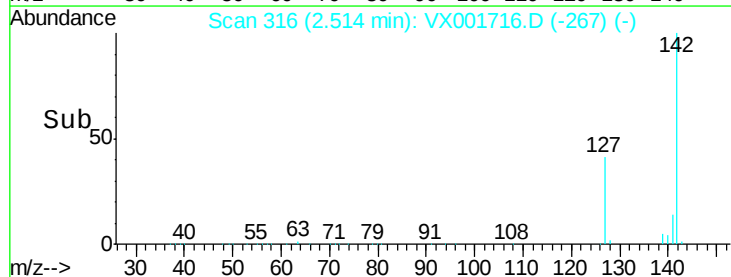
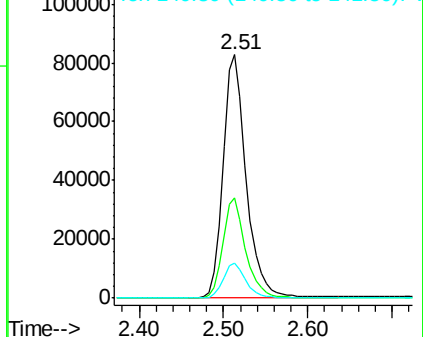
141 14.2 11.4 17.0

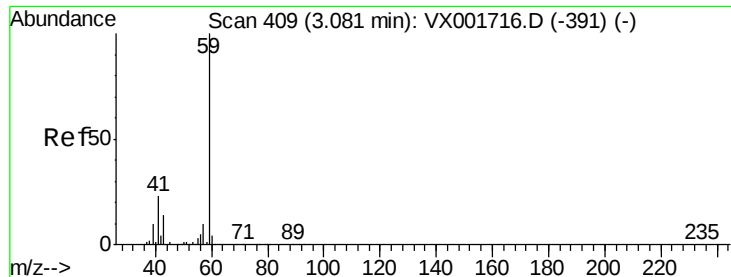


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

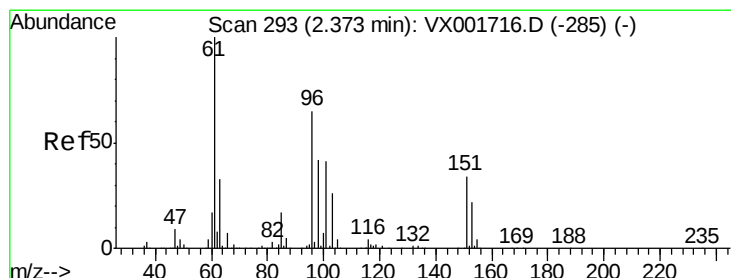
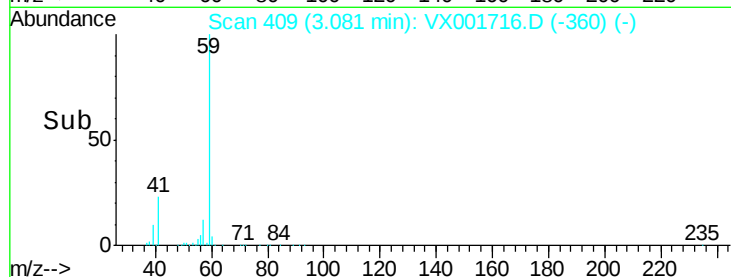
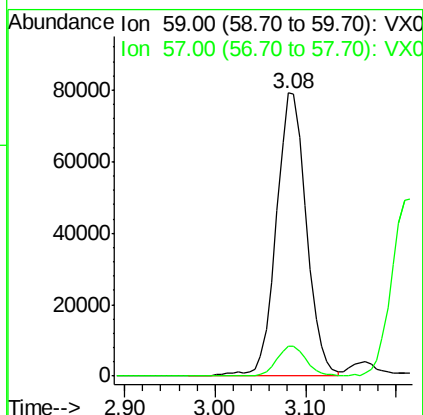
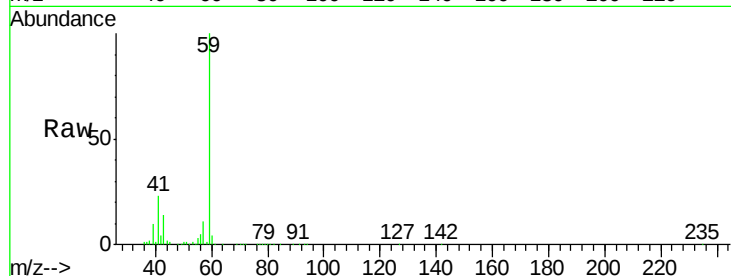




#11
Tert butyl alcohol
Concen: 193.92 ug/l
RT: 3.08 min Scan# 409
Delta R.T. 0.00 min
Lab File: VX001716.D
Acq: 14 May 2018 18:16

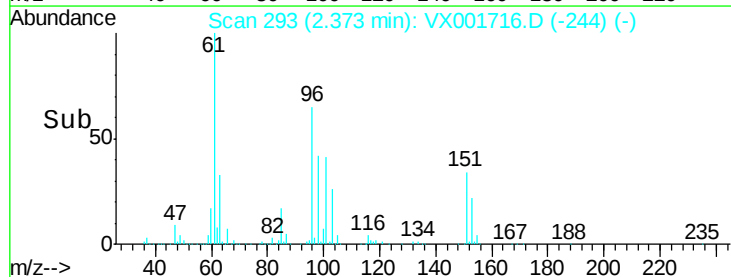
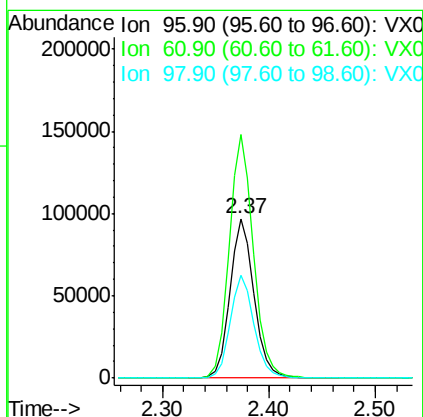
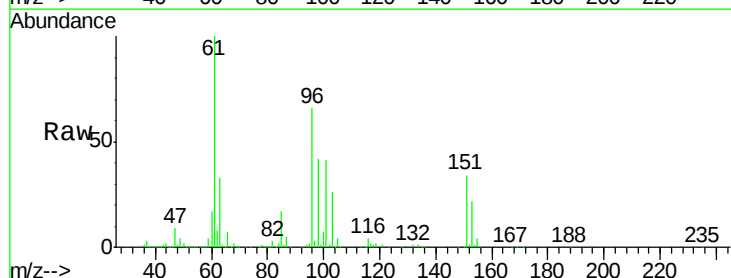
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

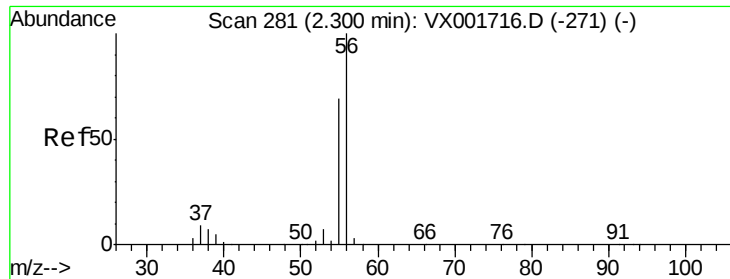
Tgt Ion: 59 Resp: 182548
Ion Ratio Lower Upper
59 100
57 10.6 8.5 12.7



#12
1,1-Dichloroethene
Concen: 43.24 ug/l
RT: 2.37 min Scan# 293
Delta R.T. 0.00 min
Lab File: VX001716.D
Acq: 14 May 2018 18:16

Tgt Ion: 96 Resp: 152664
Ion Ratio Lower Upper
96 100
61 152.7 122.2 183.2
98 64.2 51.4 77.0

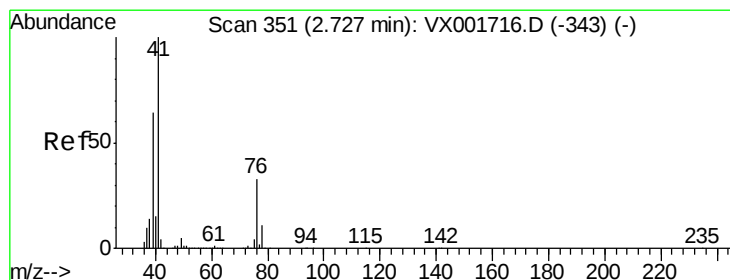
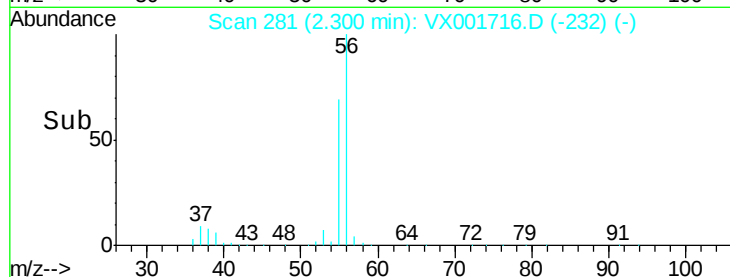
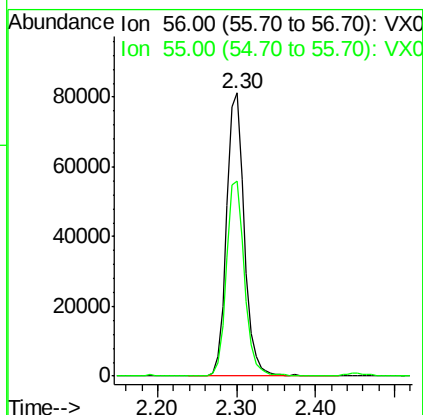
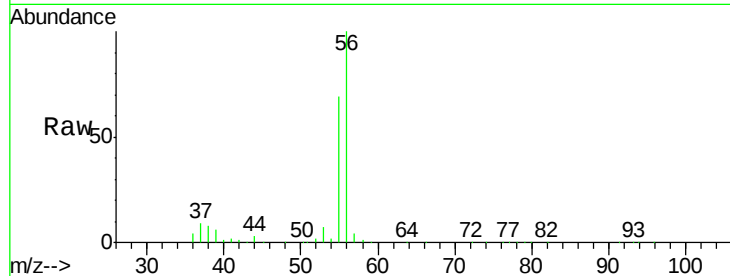




#13
 Acrolein
 Concen: 429.91 ug/l
 RT: 2.30 min Scan# 281
 Delta R.T. 0.00 min
 Lab File: VX001716.D
 Acq: 14 May 2018 18:16

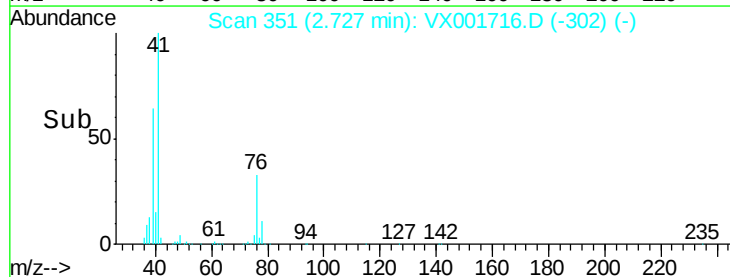
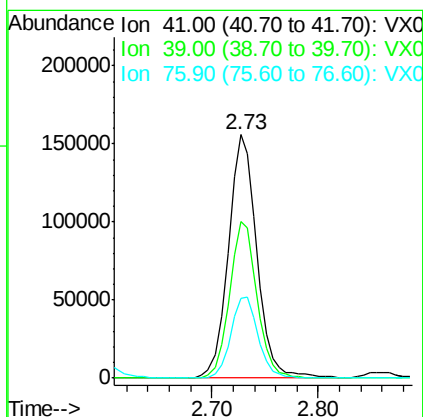
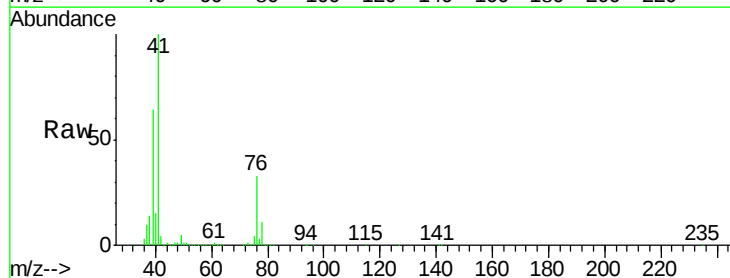
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

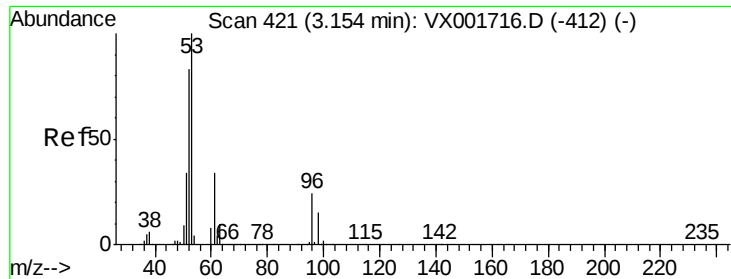
Tgt Ion: 56 Resp: 126374
 Ion Ratio Lower Upper
 56 100
 55 70.2 56.2 84.2



#14
 Allyl chloride
 Concen: 43.99 ug/l
 RT: 2.73 min Scan# 351
 Delta R.T. 0.00 min
 Lab File: VX001716.D
 Acq: 14 May 2018 18:16

Tgt Ion: 41 Resp: 290072
 Ion Ratio Lower Upper
 41 100
 39 62.2 49.8 74.6
 76 32.3 25.8 38.8





#15

Acrylonitrile

Concen: 215.54 ug/l

RT: 3.15 min Scan# 421

Delta R.T. 0.00 min

Lab File: VX001716.D

Acq: 14 May 2018 18:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

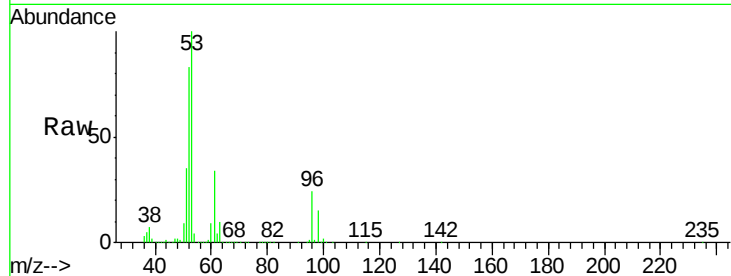
Tgt Ion: 53 Resp: 470747

Ion Ratio Lower Upper

53 100

52 82.0 65.6 98.4

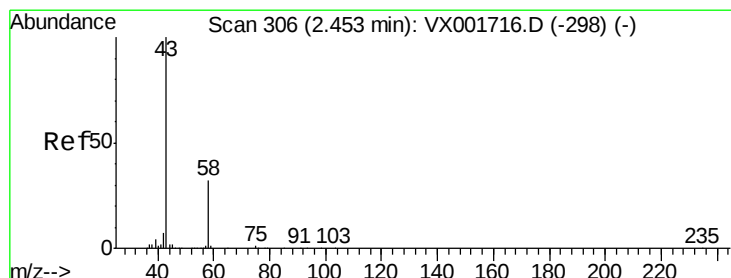
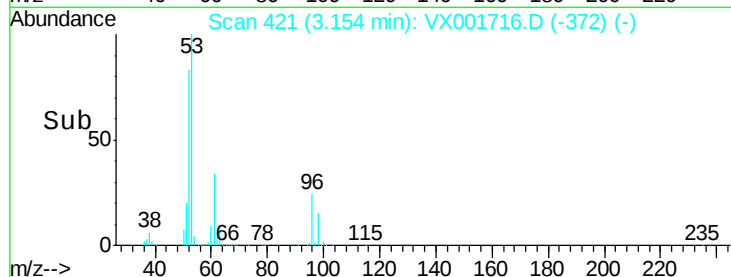
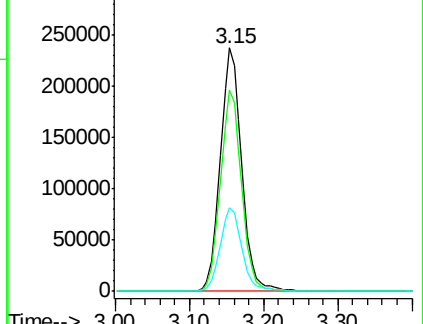
51 35.1 28.1 42.1



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: 193.92 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.00 min

Lab File: VX001716.D

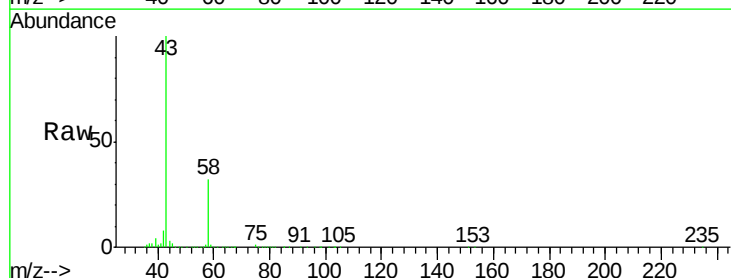
Acq: 14 May 2018 18:16

Tgt Ion: 43 Resp: 399549

Ion Ratio Lower Upper

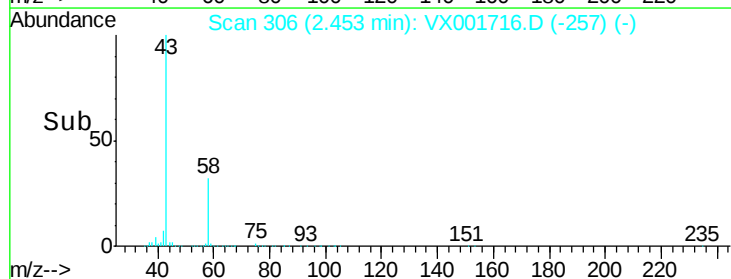
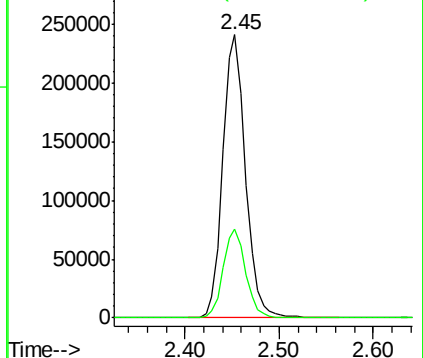
43 100

58 31.6 25.3 37.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

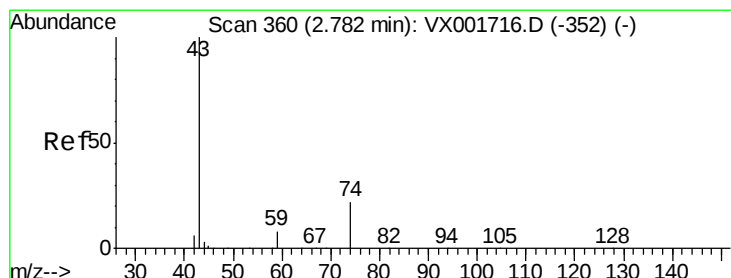
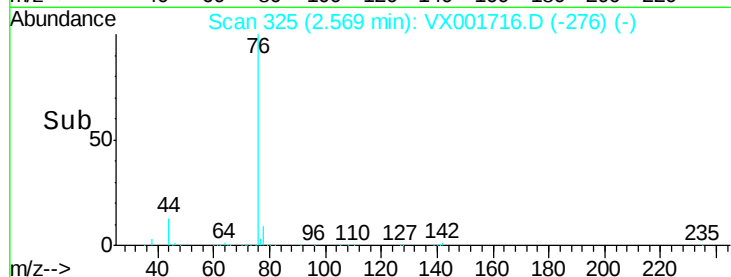
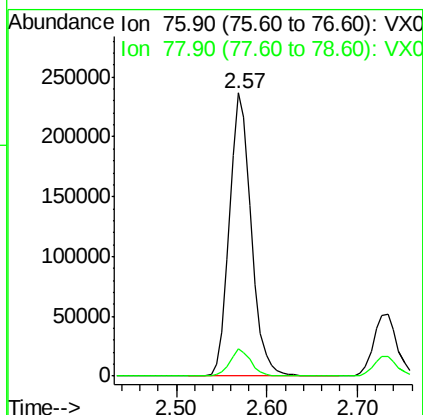
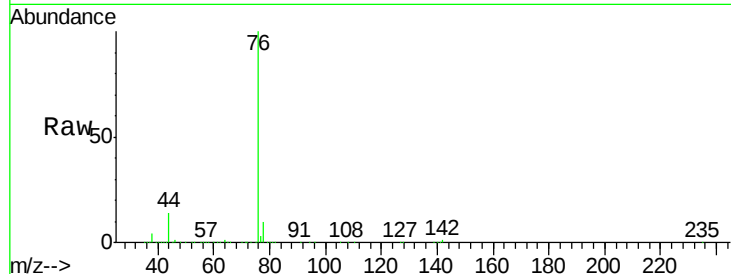




#17
Carbon Disulfide
Concen: 43.99 ug/l
RT: 2.57 min Scan# 325
Delta R.T. 0.00 min
Lab File: VX001716.D
Acq: 14 May 2018 18:16

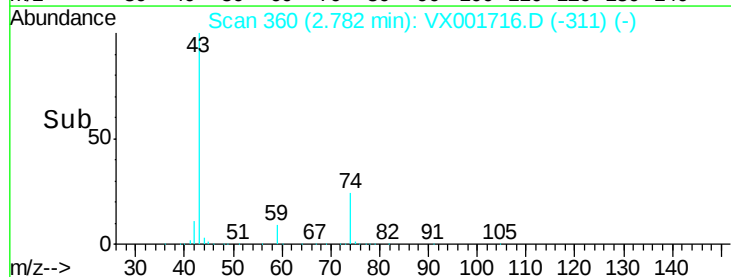
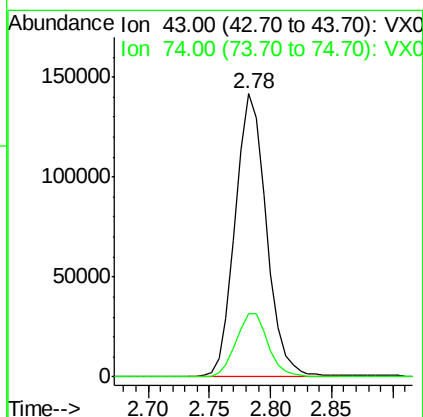
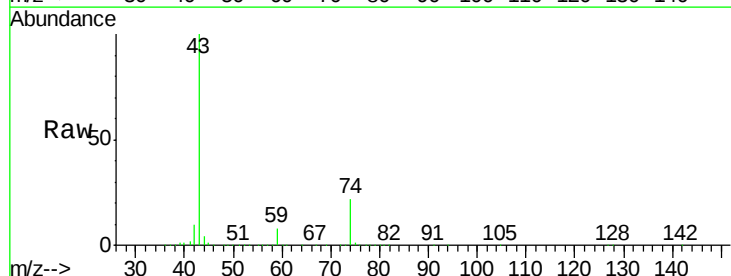
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

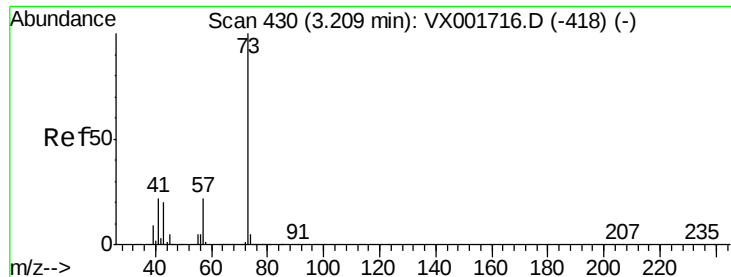
Tgt Ion: 76 Resp: 394850
Ion Ratio Lower Upper
76 100
78 9.5 7.6 11.4



#18
Methyl Acetate
Concen: 45.05 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.00 min
Lab File: VX001716.D
Acq: 14 May 2018 18:16

Tgt Ion: 43 Resp: 248912
Ion Ratio Lower Upper
43 100
74 22.7 18.2 27.2

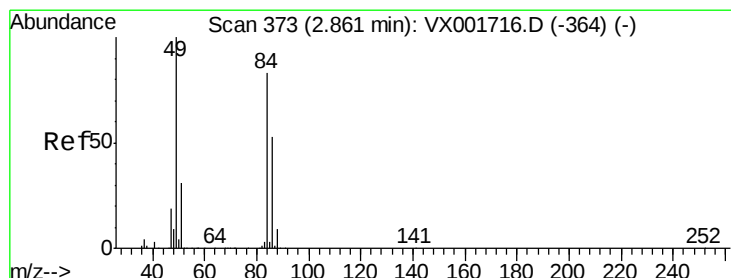
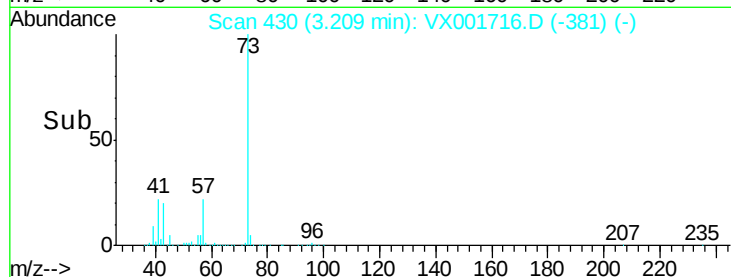
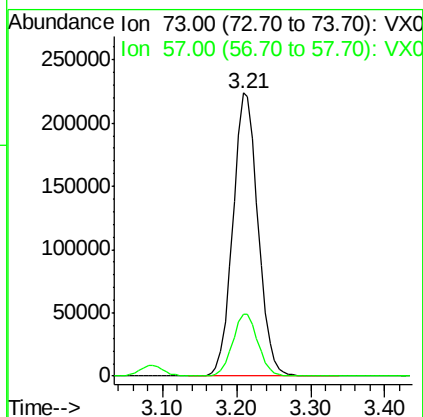
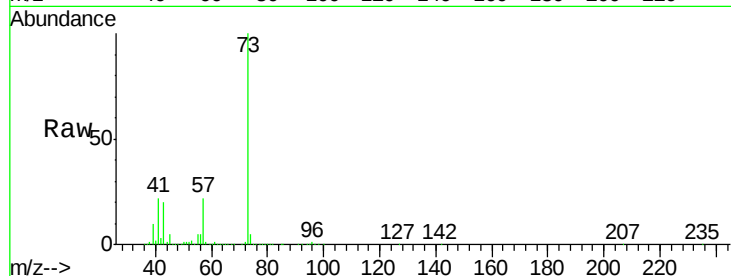




#19
Methyl tert-butyl Ether
Concen: 43.10 ug/l
RT: 3.21 min Scan# 430
Delta R.T. 0.00 min
Lab File: VX001716.D
Acq: 14 May 2018 18:16

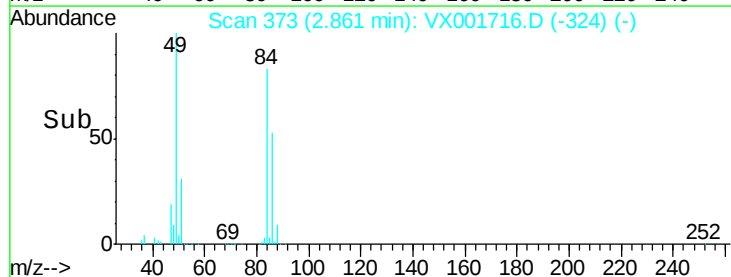
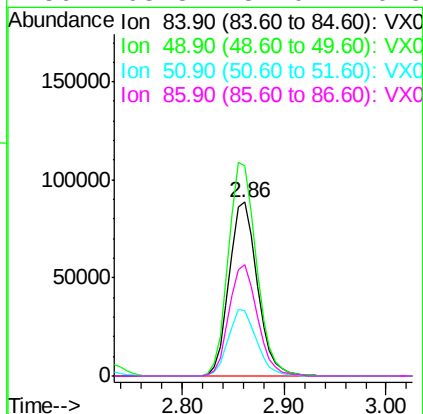
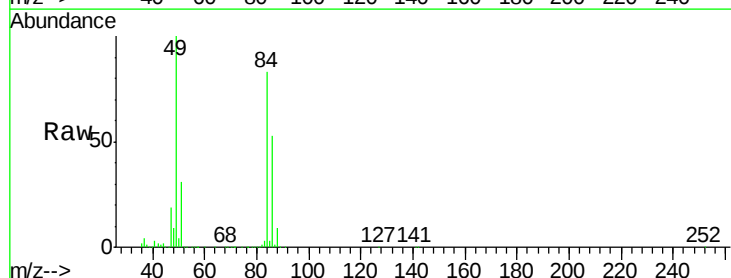
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 73 Resp: 529981
Ion Ratio Lower Upper
73 100
57 21.9 17.5 26.3



#20
Methylene Chloride
Concen: 41.24 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.00 min
Lab File: VX001716.D
Acq: 14 May 2018 18:16

Tgt Ion: 84 Resp: 170010
Ion Ratio Lower Upper
84 100
49 120.4 96.3 144.5
51 37.2 29.8 44.6
86 63.8 51.0 76.6





#21

trans-1,2-Dichloroethene

Concen: 42.46 ug/l

RT: 3.17 min Scan# 423

Delta R.T. 0.00 min

Lab File: VX001716.D

Acq: 14 May 2018 18:16

Instrument :

MSVOA_X

ClientSampled :

VSTDICCC050

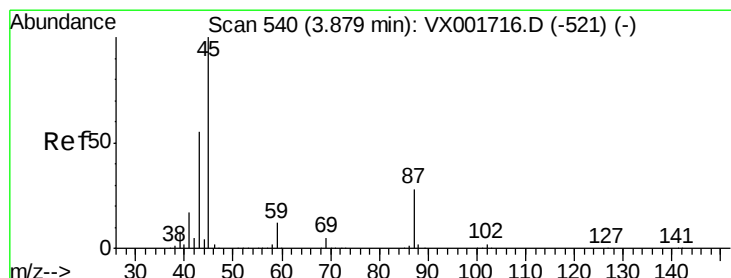
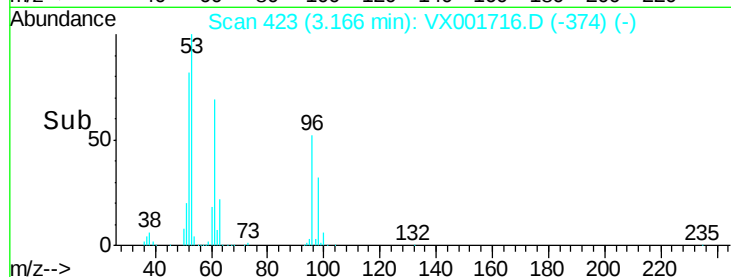
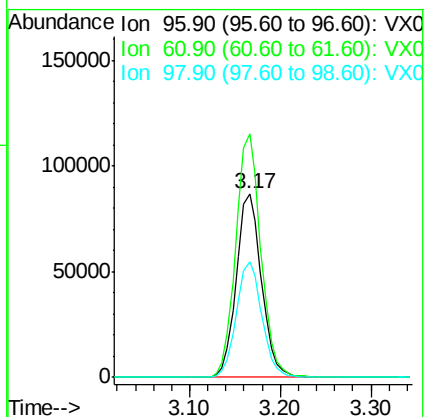
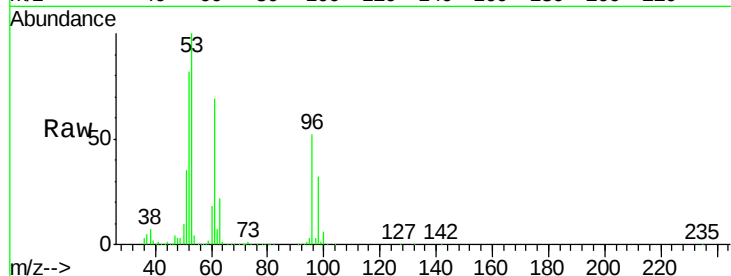
Tgt Ion: 96 Resp: 167655

Ion Ratio Lower Upper

96 100

61 132.3 105.8 158.8

98 62.8 50.2 75.4



#22

Diisopropyl ether

Concen: 44.59 ug/l

RT: 3.88 min Scan# 540

Delta R.T. 0.00 min

Lab File: VX001716.D

Acq: 14 May 2018 18:16

Tgt Ion: 45 Resp: 552151

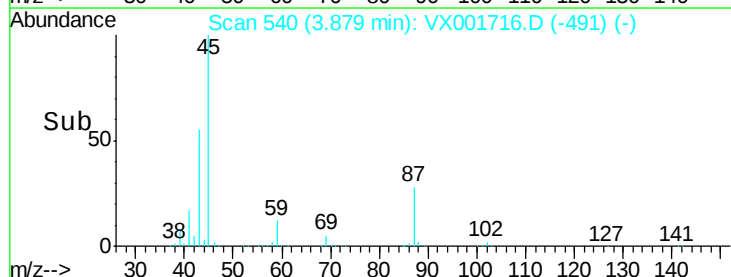
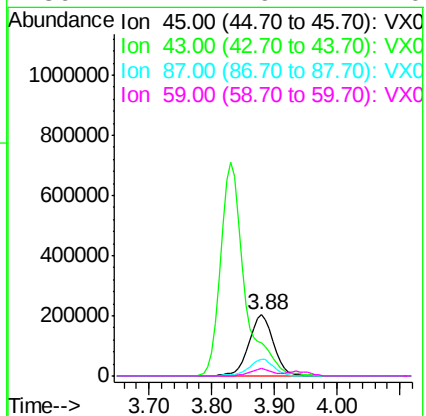
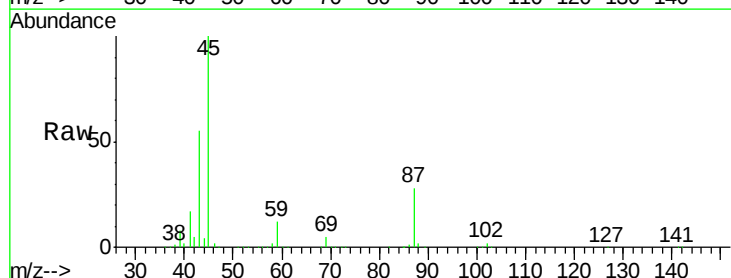
Ion Ratio Lower Upper

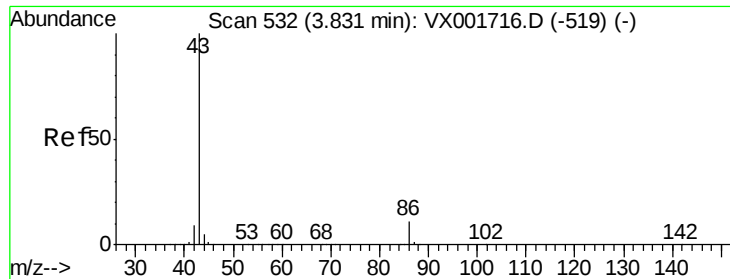
45 100

43 55.4 44.3 66.5

87 28.2 22.6 33.8

59 11.7 9.4 14.0





#23

Vinyl Acetate

Concen: 188.82 ug/l

RT: 3.83 min Scan# 532

Delta R.T. 0.00 min

Lab File: VX001716.D

Acq: 14 May 2018 18:16

Instrument :

MSVOA_X

ClientSampleId :

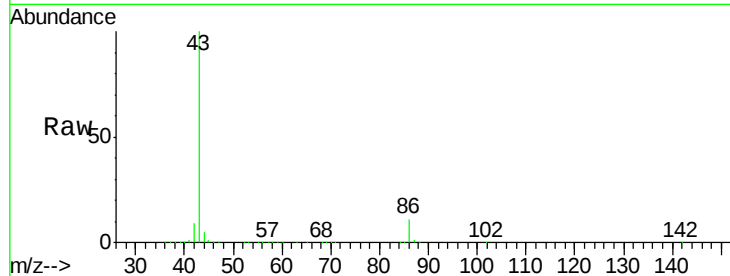
VSTDICCC050

Tgt Ion: 43 Resp: 1887134

Ion Ratio Lower Upper

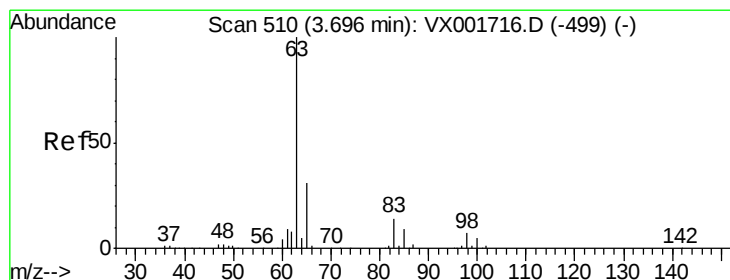
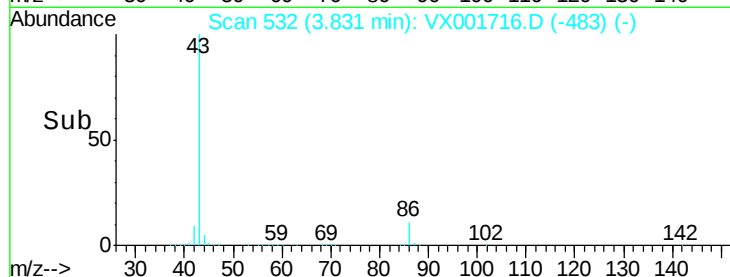
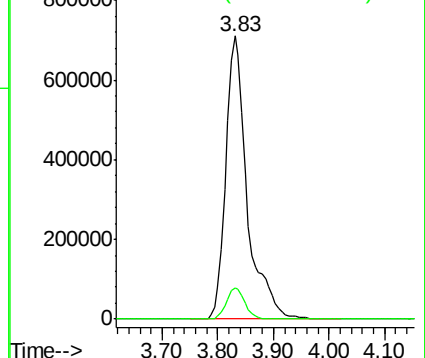
43 100

86 10.9 8.7 13.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 43.29 ug/l

RT: 3.70 min Scan# 510

Delta R.T. 0.00 min

Lab File: VX001716.D

Acq: 14 May 2018 18:16

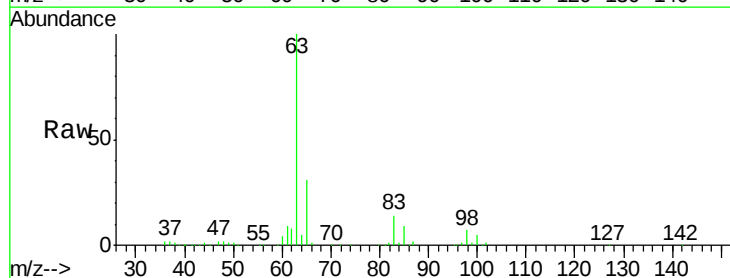
Tgt Ion: 63 Resp: 297701

Ion Ratio Lower Upper

63 100

98 7.4 3.7 11.1

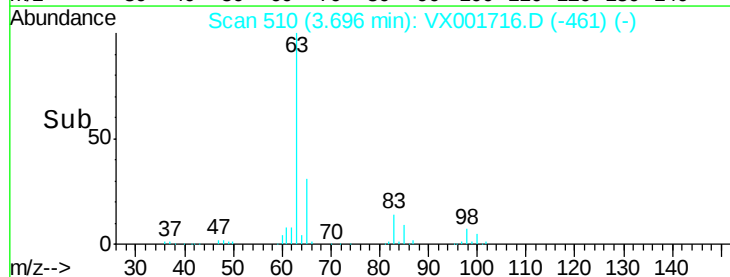
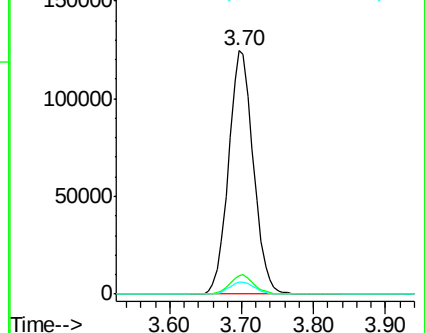
100 4.8 2.4 7.2

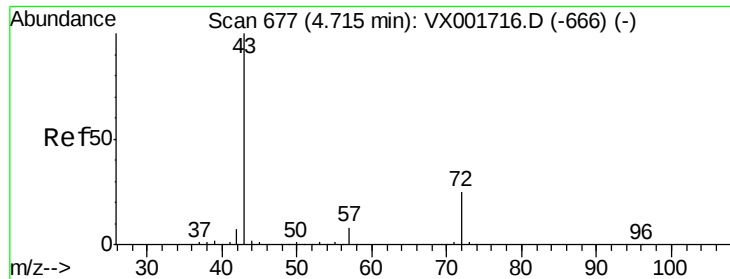


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 215.18 ug/l

RT: 4.71 min Scan# 677

Delta R.T. 0.00 min

Lab File: VX001716.D

Acq: 14 May 2018 18:16

Instrument :

MSVOA_X

ClientSampleId :

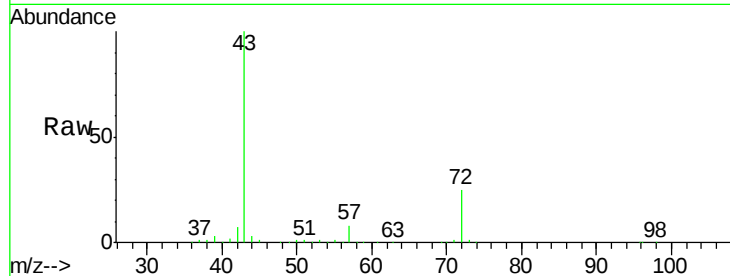
VSTDICCC050

Tgt Ion: 43 Resp: 647867

Ion Ratio Lower Upper

43 100

72 24.7 19.8 29.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

250000

200000

150000

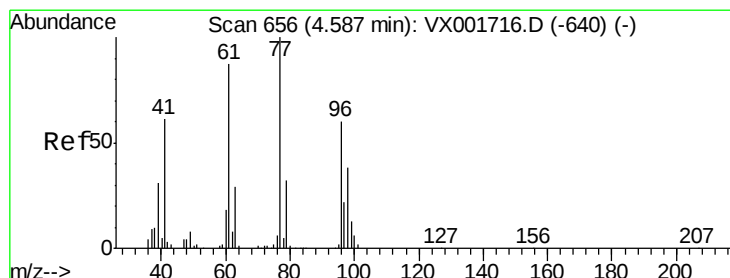
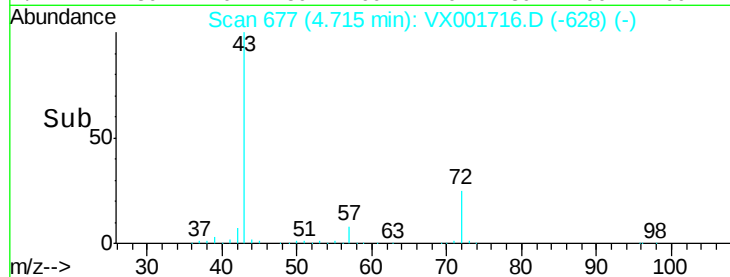
100000

50000

0

4.60 4.70 4.80

Time-->



#26

2,2-Dichloropropane

Concen: 46.13 ug/l

RT: 4.59 min Scan# 656

Delta R.T. 0.00 min

Lab File: VX001716.D

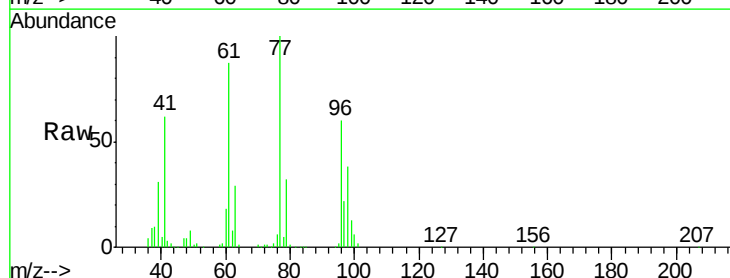
Acq: 14 May 2018 18:16

Tgt Ion: 77 Resp: 246337

Ion Ratio Lower Upper

77 100

97 23.2 11.6 34.8



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

80000

60000

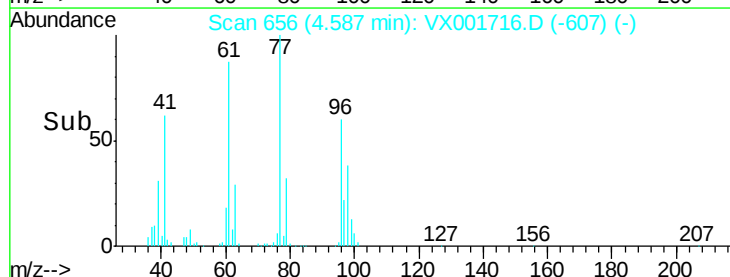
40000

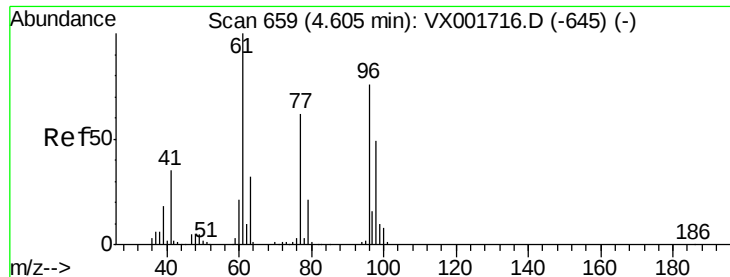
20000

0

4.40 4.50 4.60 4.70 4.80

Time-->



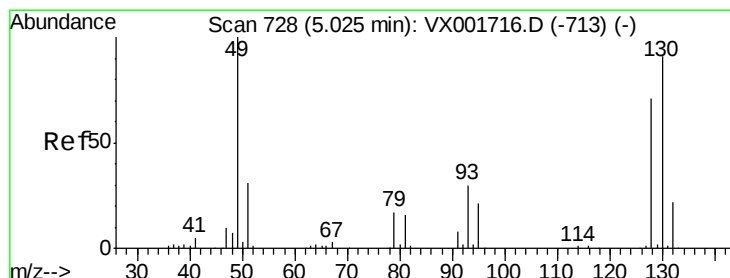
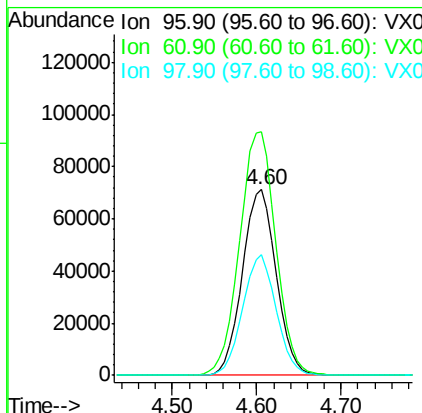
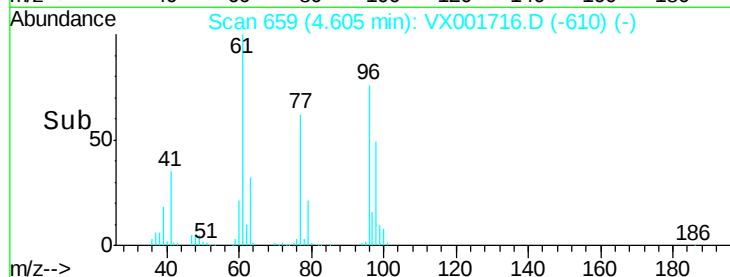
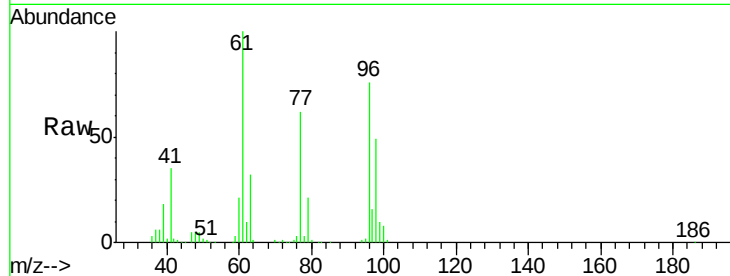


#27

cis-1,2-Dichloroethene
Concen: 45.68 ug/l
RT: 4.60 min Scan# 659
Delta R.T. 0.00 min
Lab File: VX001716.D
Acq: 14 May 2018 18:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

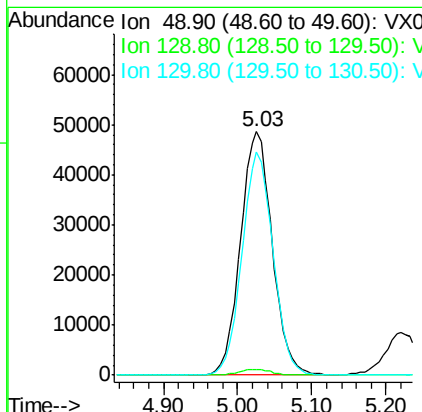
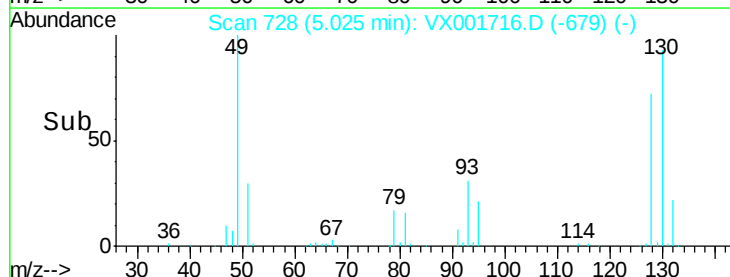
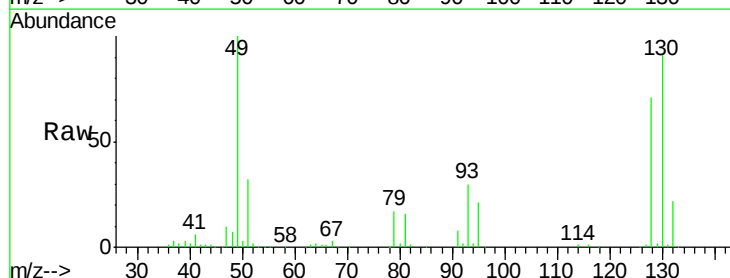
Tgt Ion: 96 Resp: 194216
Ion Ratio Lower Upper
96 100
61 140.2 0.0 280.4
98 64.2 0.0 128.4

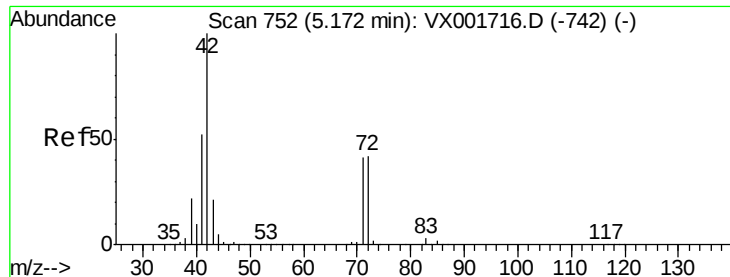


#28

Bromochloromethane
Concen: 48.13 ug/l
RT: 5.03 min Scan# 728
Delta R.T. 0.00 min
Lab File: VX001716.D
Acq: 14 May 2018 18:16

Tgt Ion: 49 Resp: 145644
Ion Ratio Lower Upper
49 100
129 2.5 0.0 5.0
130 89.7 71.8 107.6





#29

Tetrahydrofuran

Concen: 219.43 ug/l

RT: 5.17 min Scan# 752

Delta R.T. 0.00 min

Lab File: VX001716.D

Acq: 14 May 2018 18:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

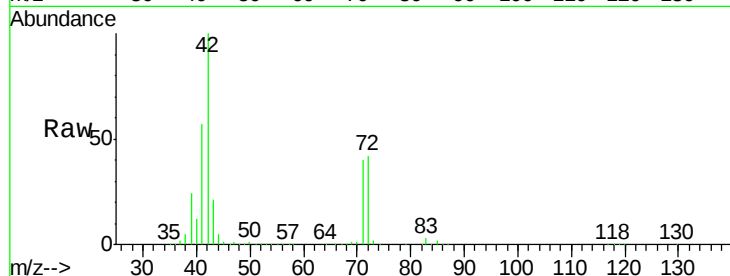
Tgt Ion: 42 Resp: 423927

Ion Ratio Lower Upper

42 100

72 44.3 35.4 53.2

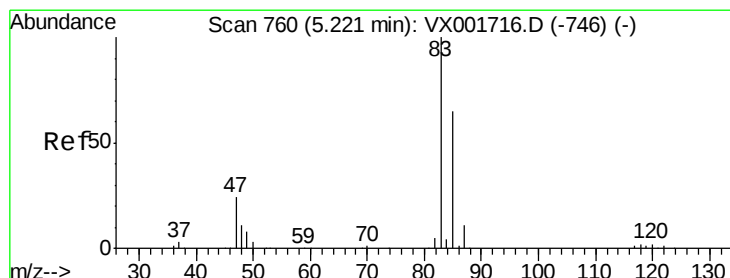
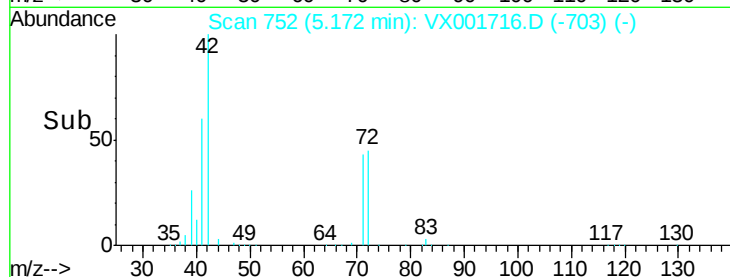
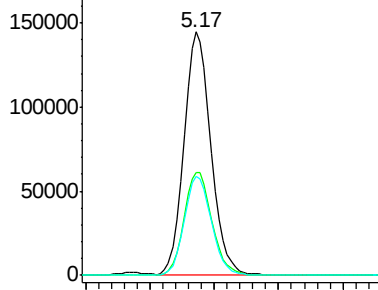
71 41.5 33.2 49.8



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 44.94 ug/l

RT: 5.22 min Scan# 760

Delta R.T. 0.00 min

Lab File: VX001716.D

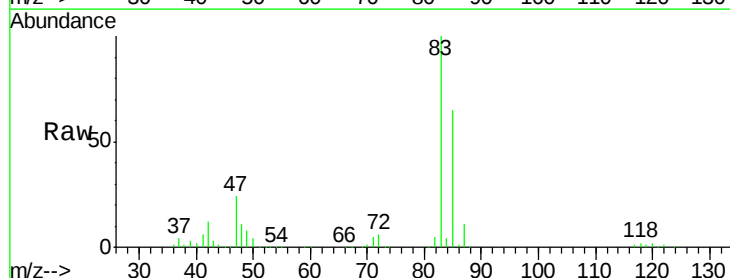
Acq: 14 May 2018 18:16

Tgt Ion: 83 Resp: 320024

Ion Ratio Lower Upper

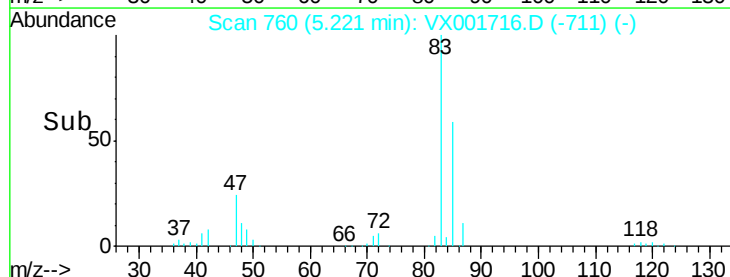
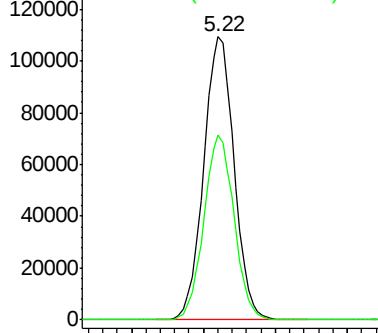
83 100

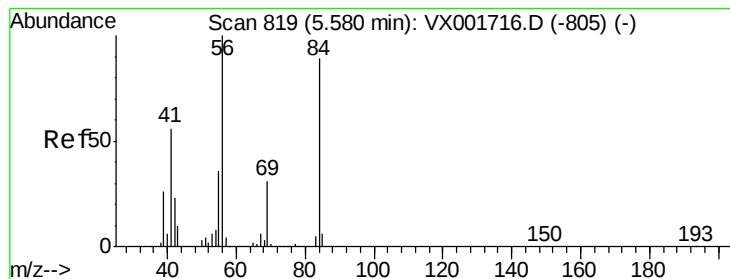
85 65.4 52.3 78.5



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 46.40 ug/l

RT: 5.58 min Scan# 819

Delta R.T. 0.00 min

Lab File: VX001716.D

Acq: 14 May 2018 18:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

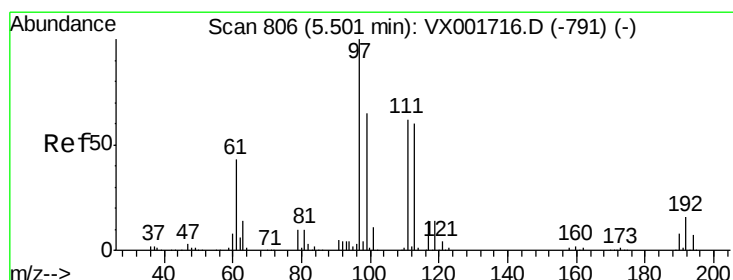
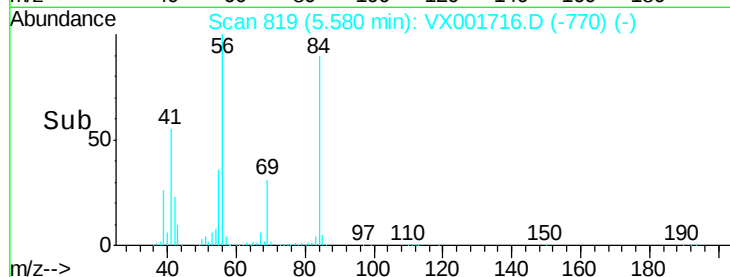
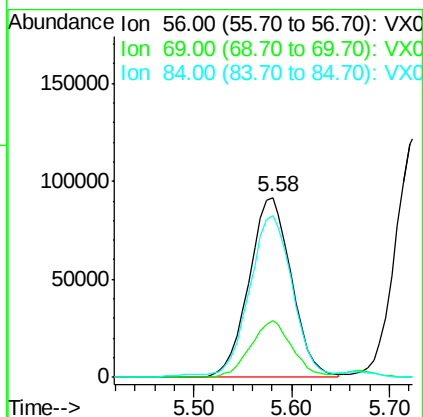
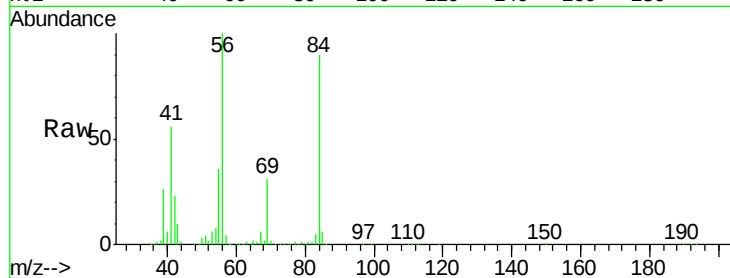
Tgt Ion: 56 Resp: 276493

Ion Ratio Lower Upper

56 100

69 31.3 25.0 37.6

84 88.7 71.0 106.4



#32

1,1,1-Trichloroethane

Concen: 45.93 ug/l

RT: 5.50 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX001716.D

Acq: 14 May 2018 18:16

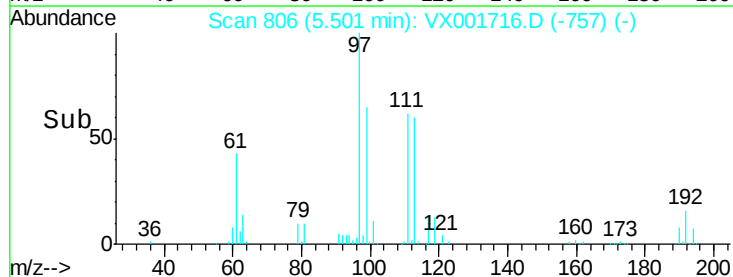
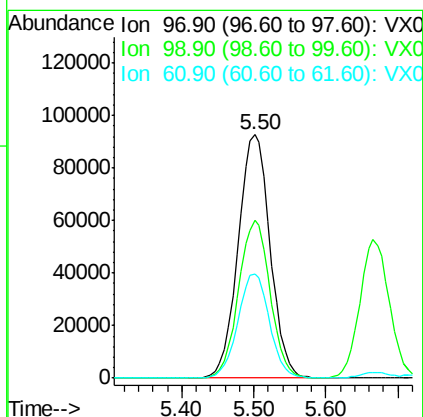
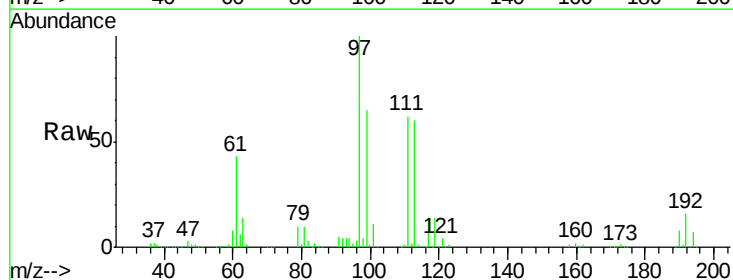
Tgt Ion: 97 Resp: 285448

Ion Ratio Lower Upper

97 100

99 64.1 51.3 76.9

61 42.5 34.0 51.0





#33

1,2-Dichloroethane-d4

Concen: 45.27 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.00 min

Lab File: VX001716.D

Acq: 14 May 2018 18:16

Instrument :

MSVOA_X

ClientSampleId :

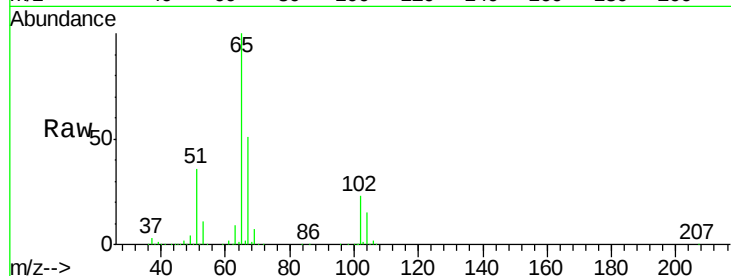
VSTDICCC050

Tgt Ion: 65 Resp: 208360

Ion Ratio Lower Upper

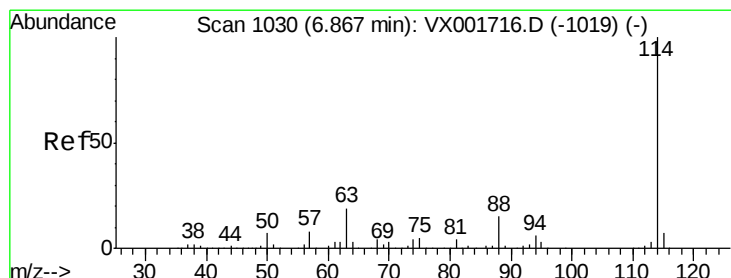
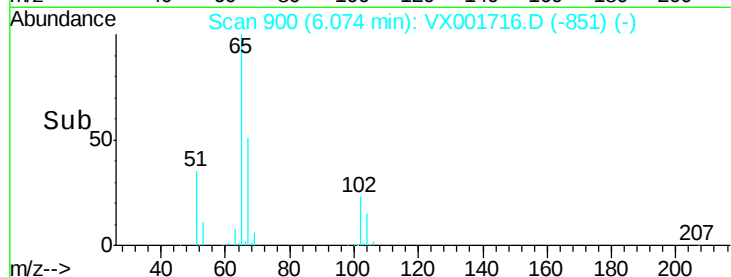
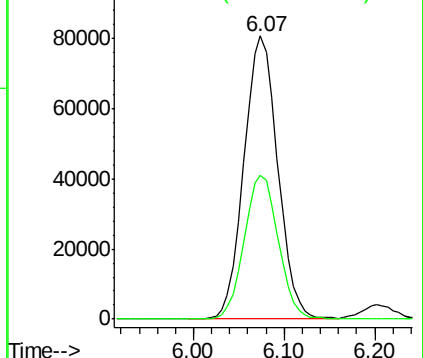
65 100

67 51.4 0.0 102.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VX001716.D

Acq: 14 May 2018 18:16

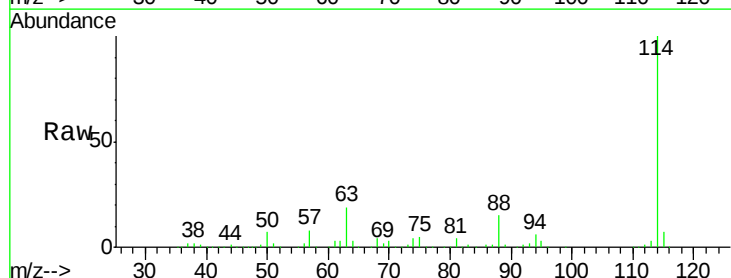
Tgt Ion: 114 Resp: 425864

Ion Ratio Lower Upper

114 100

63 18.5 0.0 37.0

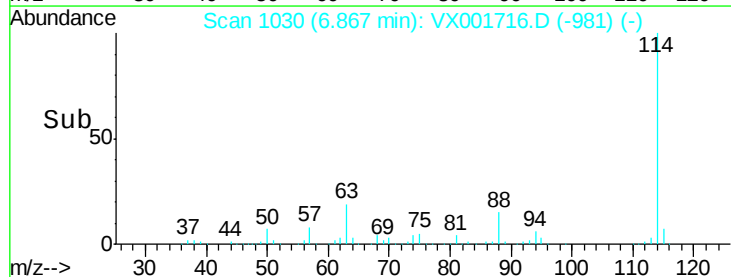
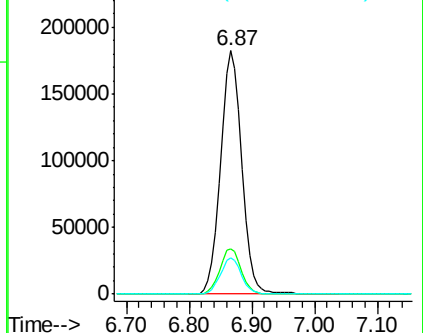
88 14.9 0.0 29.8

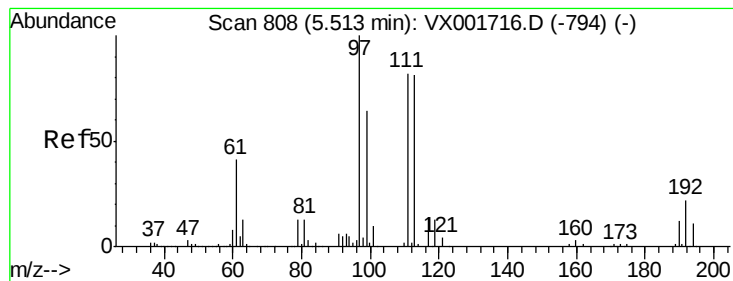


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 46.95 ug/l

RT: 5.51 min Scan# 808

Delta R.T. 0.00 min

Lab File: VX001716.D

Acq: 14 May 2018 18:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

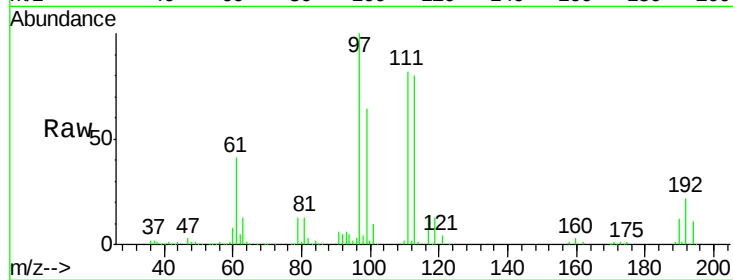
Tgt Ion:113 Resp: 175735

Ion Ratio Lower Upper

113 100

111 102.5 82.0 123.0

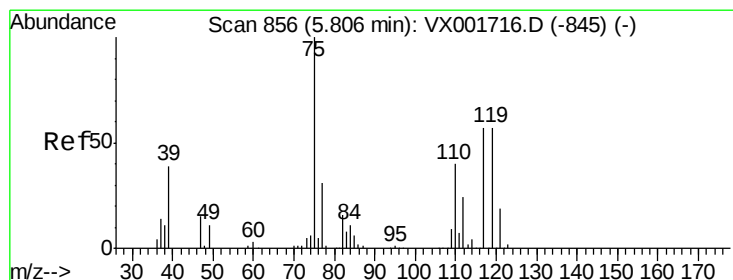
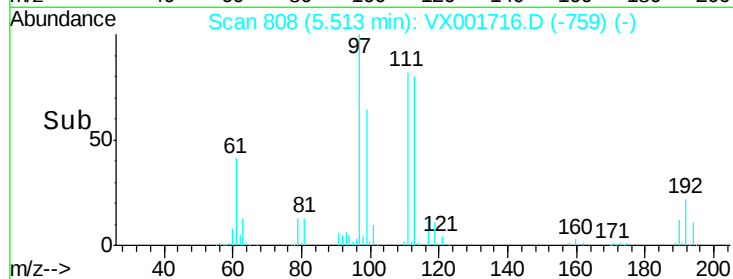
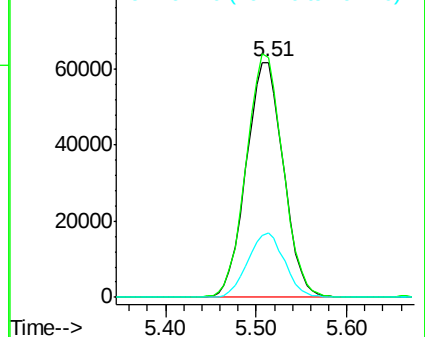
192 27.0 21.6 32.4



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: 44.96 ug/l

RT: 5.81 min Scan# 856

Delta R.T. 0.00 min

Lab File: VX001716.D

Acq: 14 May 2018 18:16

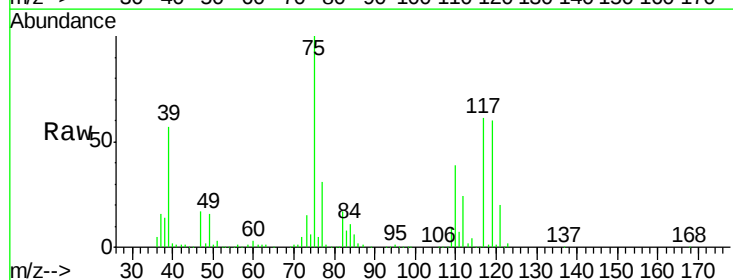
Tgt Ion: 75 Resp: 239960

Ion Ratio Lower Upper

75 100

110 38.1 19.1 57.1

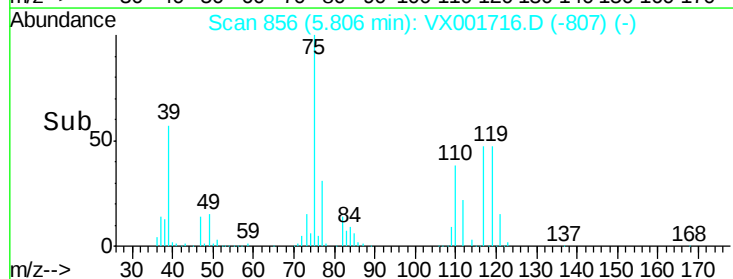
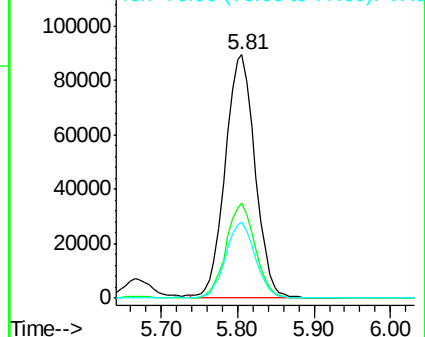
77 30.8 24.6 37.0

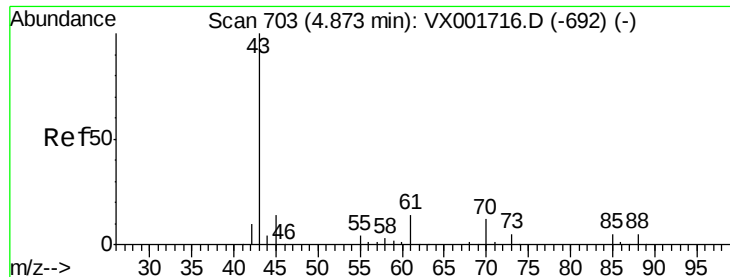


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

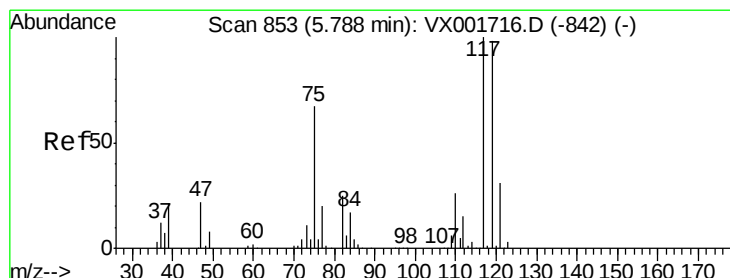
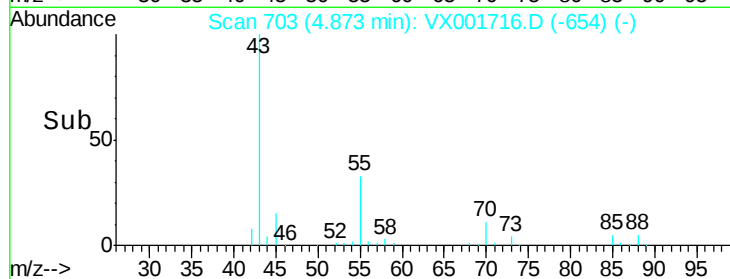
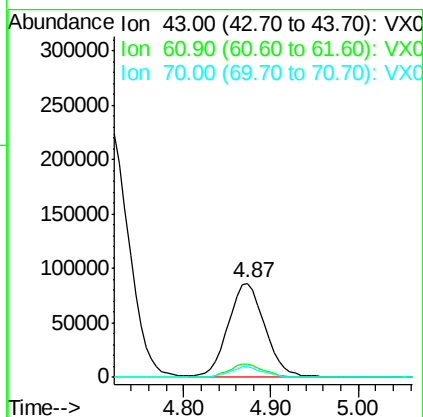
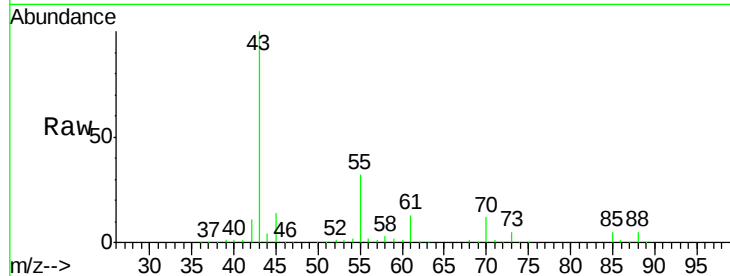




#37
Ethyl Acetate
Concen: 43.25 ug/l
RT: 4.87 min Scan# 703
Delta R.T. 0.00 min
Lab File: VX001716.D
Acq: 14 May 2018 18:16

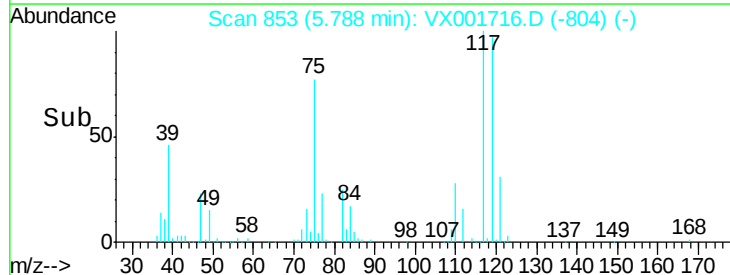
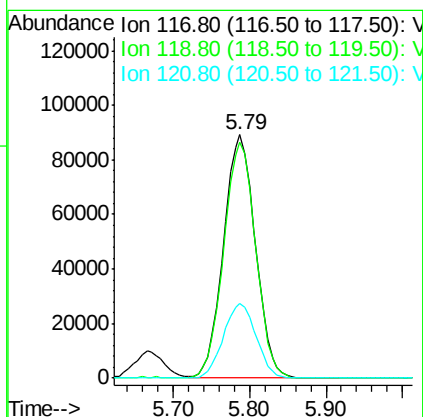
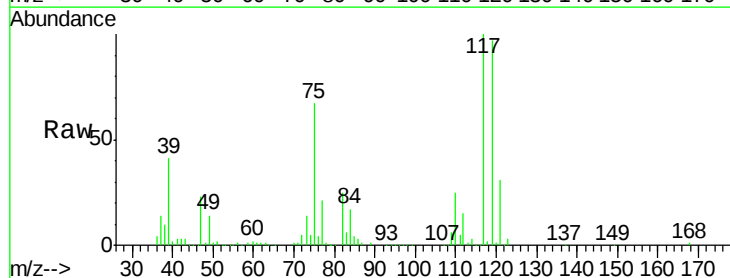
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

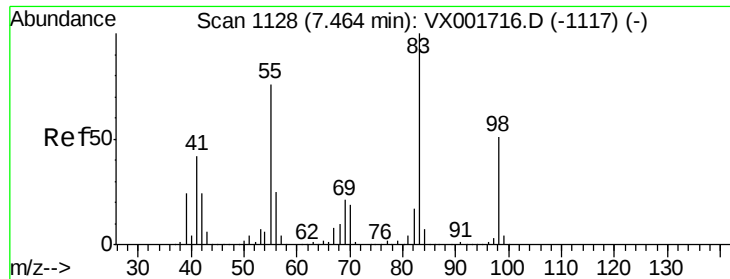
Tgt Ion: 43 Resp: 251215
Ion Ratio Lower Upper
43 100
61 13.6 10.9 16.3
70 11.0 8.8 13.2



#38
Carbon Tetrachloride
Concen: 45.42 ug/l
RT: 5.79 min Scan# 853
Delta R.T. 0.00 min
Lab File: VX001716.D
Acq: 14 May 2018 18:16

Tgt Ion: 117 Resp: 256920
Ion Ratio Lower Upper
117 100
119 97.0 77.6 116.4
121 30.7 24.6 36.8

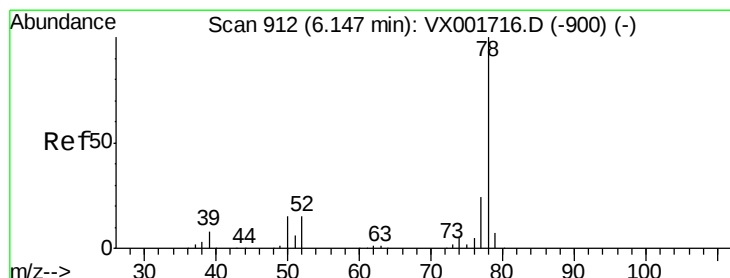
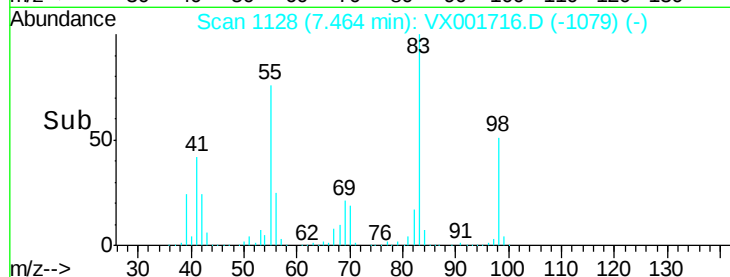
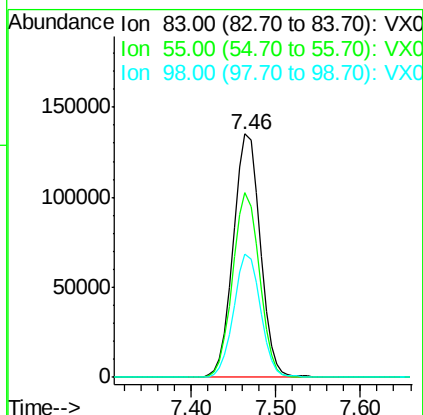
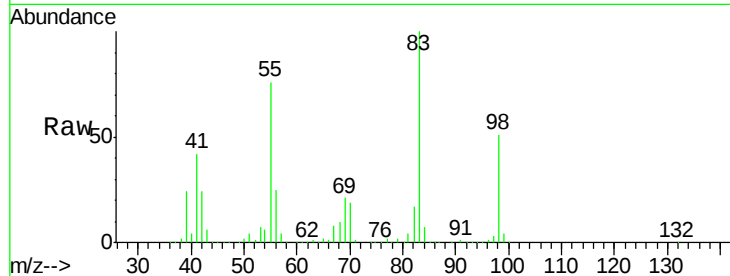




#39
Methylcyclohexane
Concen: 46.16 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VX001716.D
Acq: 14 May 2018 18:16

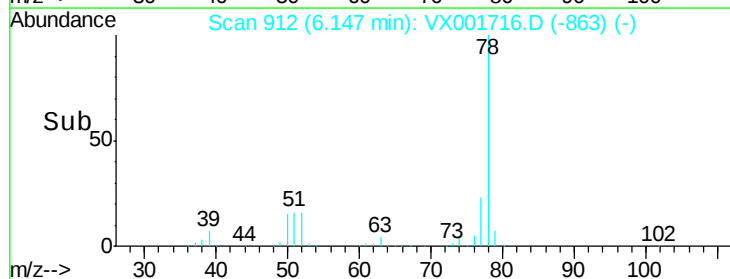
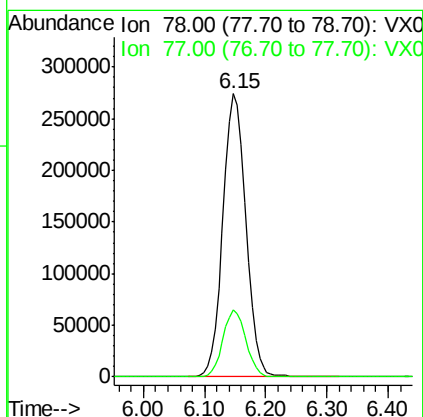
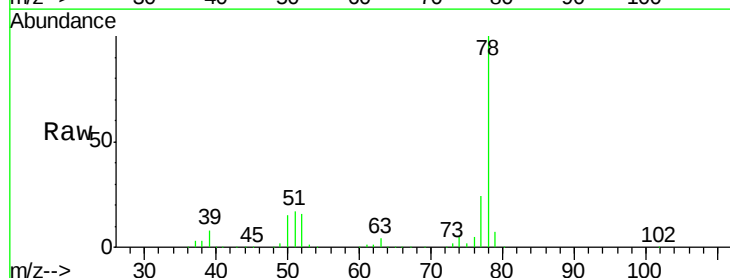
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

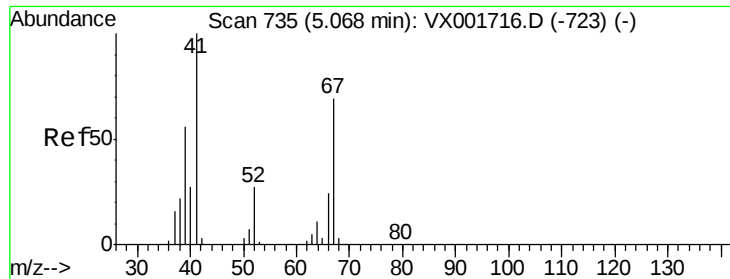
Tgt Ion	Ratio	Lower	Upper
83	100		
55	75.7	60.6	90.8
98	50.5	40.4	60.6



#40
Benzene
Concen: 45.78 ug/l
RT: 6.15 min Scan# 912
Delta R.T. 0.00 min
Lab File: VX001716.D
Acq: 14 May 2018 18:16

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.7	19.0	28.4

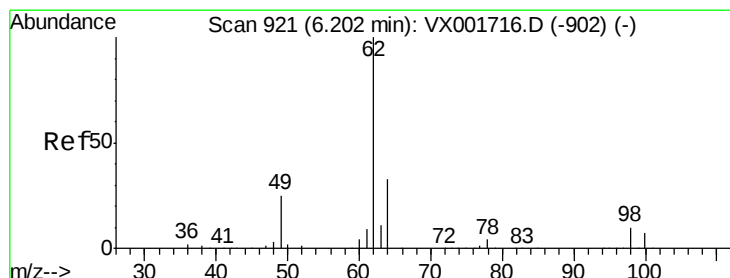
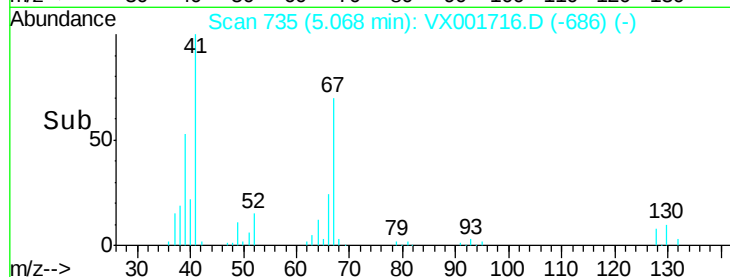
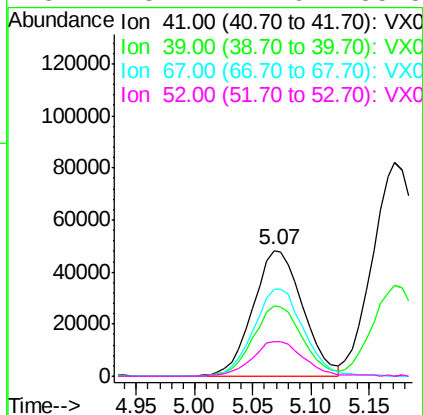
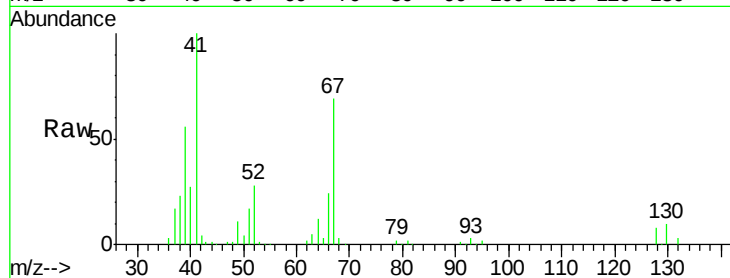




#41
Methacrylonitrile
Concen: 43.01 ug/l
RT: 5.07 min Scan# 735
Delta R.T. 0.00 min
Lab File: VX001716.D
Acq: 14 May 2018 18:16

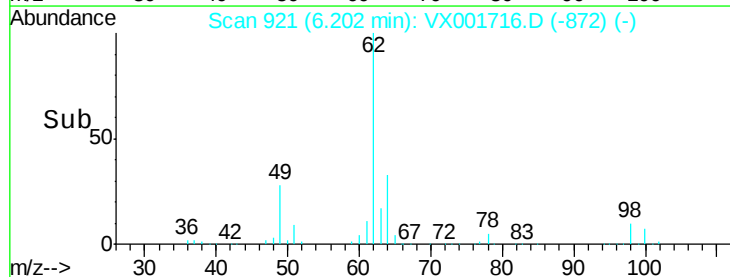
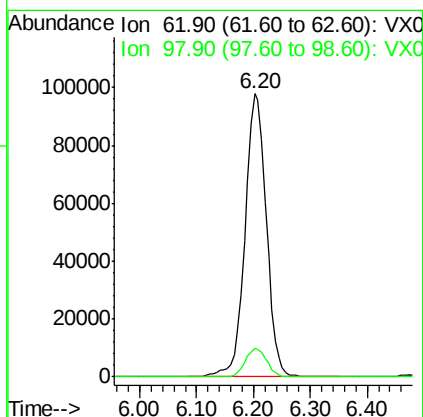
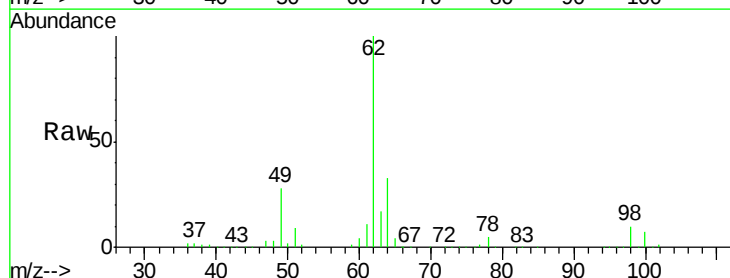
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

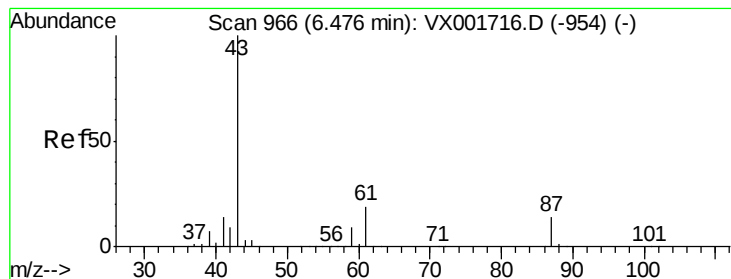
Tgt Ion:	41	Resp:	143358
Ion	Ratio	Lower	Upper
41	100		
39	55.3	44.2	66.4
67	70.0	56.0	84.0
52	28.2	22.6	33.8



#42
1,2-Dichloroethane
Concen: 42.80 ug/l
RT: 6.20 min Scan# 921
Delta R.T. 0.00 min
Lab File: VX001716.D
Acq: 14 May 2018 18:16

Tgt Ion:	62	Resp:	253865
Ion	Ratio	Lower	Upper
62	100		
98	10.0	0.0	20.0





#43

Isopropyl Acetate

Concen: 45.34 ug/l

RT: 6.48 min Scan# 966

Delta R.T. 0.00 min

Lab File: VX001716.D

Acq: 14 May 2018 18:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

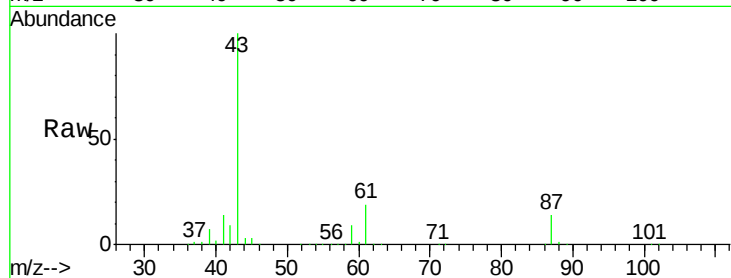
Tgt Ion: 43 Resp: 404657

Ion Ratio Lower Upper

43 100

61 19.8 15.8 23.8

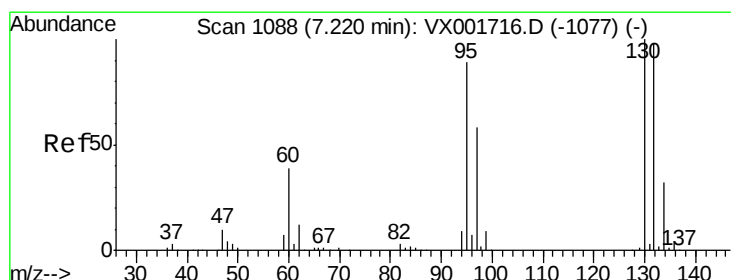
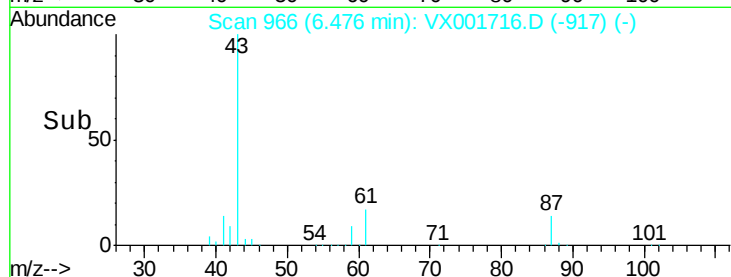
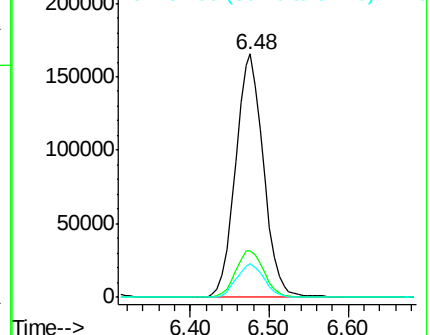
87 13.7 11.0 16.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 46.16 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. 0.00 min

Lab File: VX001716.D

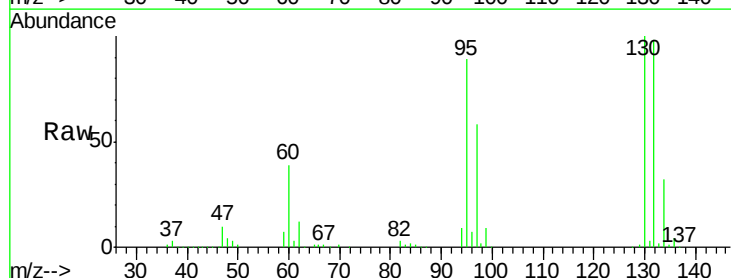
Acq: 14 May 2018 18:16

Tgt Ion: 130 Resp: 221095

Ion Ratio Lower Upper

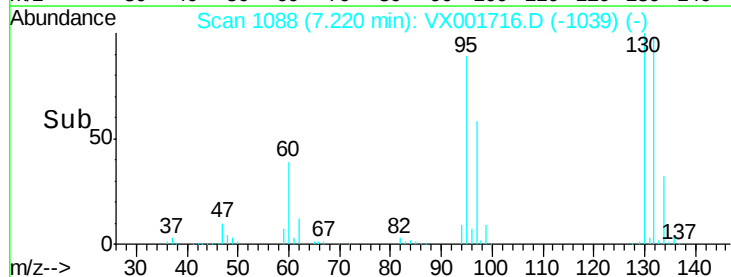
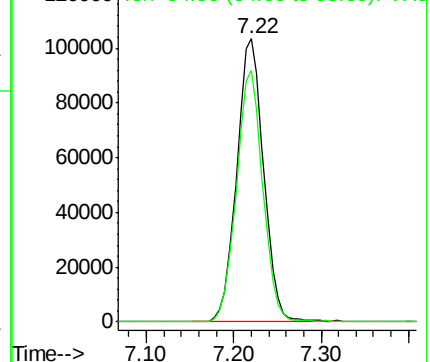
130 100

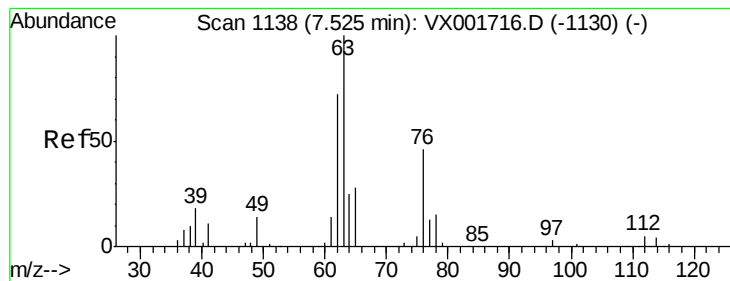
95 88.6 0.0 177.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 45.12 ug/l

RT: 7.53 min Scan# 1138

Delta R.T. 0.00 min

Lab File: VX001716.D

Acq: 14 May 2018 18:16

Instrument :

MSVOA_X

ClientSampleId :

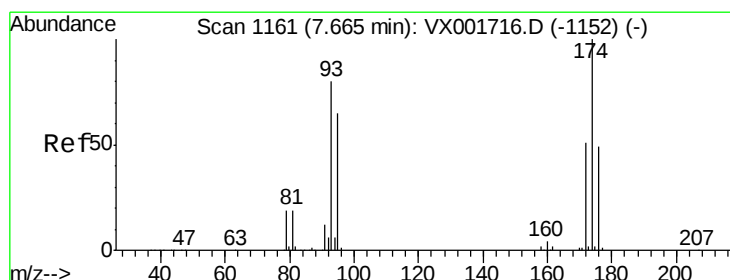
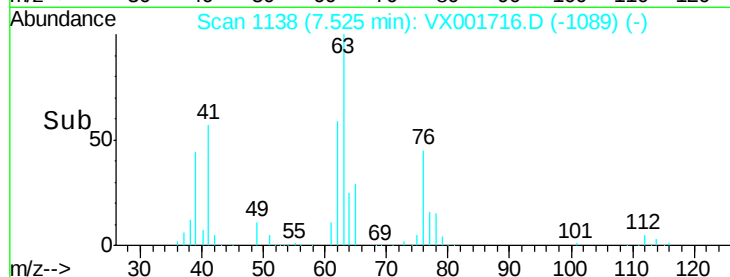
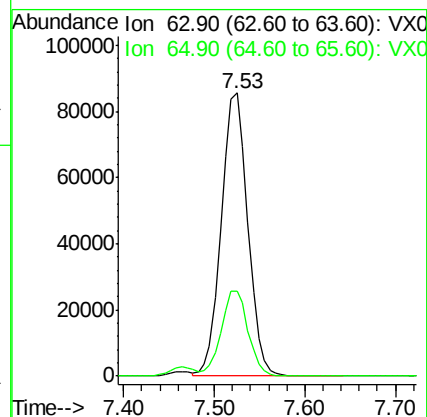
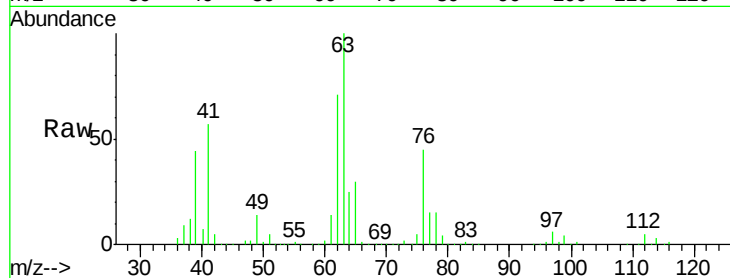
VSTDICCC050

Tgt Ion: 63 Resp: 175431

Ion Ratio Lower Upper

63 100

65 30.2 24.2 36.2



#46

Dibromomethane

Concen: 44.55 ug/l

RT: 7.67 min Scan# 1161

Delta R.T. 0.00 min

Lab File: VX001716.D

Acq: 14 May 2018 18:16

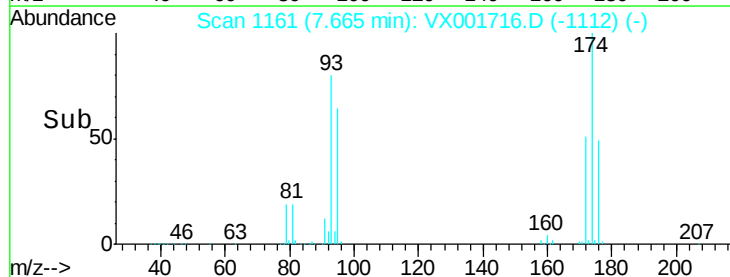
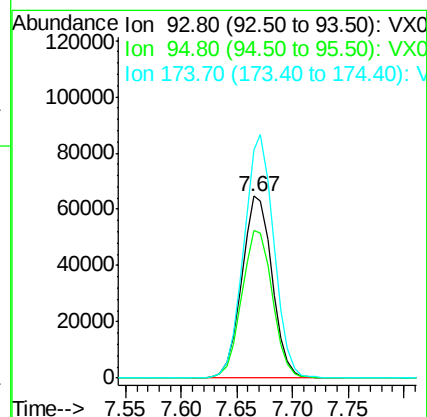
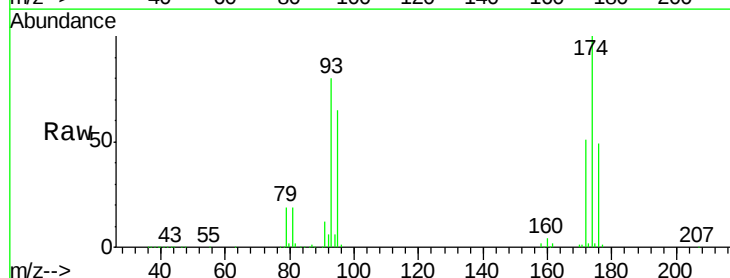
Tgt Ion: 93 Resp: 122149

Ion Ratio Lower Upper

93 100

95 82.4 65.9 98.9

174 132.7 106.2 159.2





#47

Bromodichloromethane

Concen: 46.72 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. 0.00 min

Lab File: VX001716.D

Acq: 14 May 2018 18:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

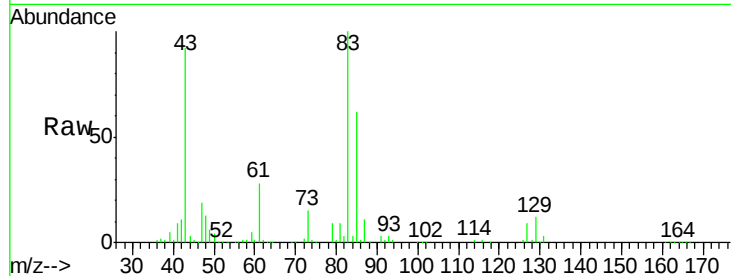
Tgt Ion: 83 Resp: 236890

Ion Ratio Lower Upper

83 100

85 62.0 49.6 74.4

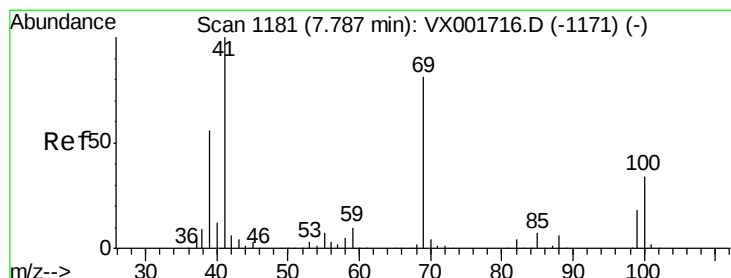
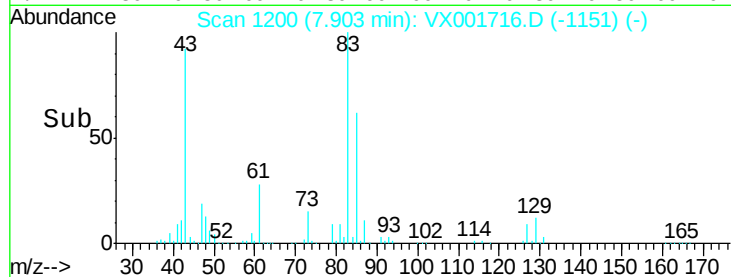
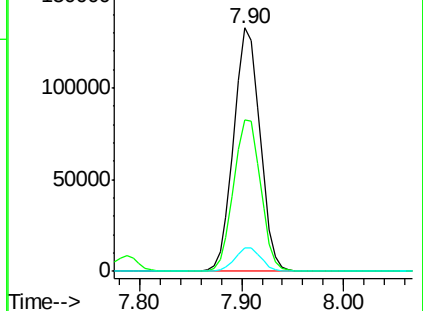
127 9.4 7.5 11.3



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: 44.54 ug/l

RT: 7.79 min Scan# 1181

Delta R.T. 0.00 min

Lab File: VX001716.D

Acq: 14 May 2018 18:16

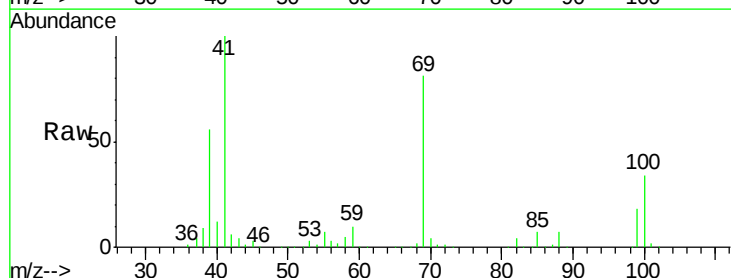
Tgt Ion: 41 Resp: 215753

Ion Ratio Lower Upper

41 100

69 81.5 65.2 97.8

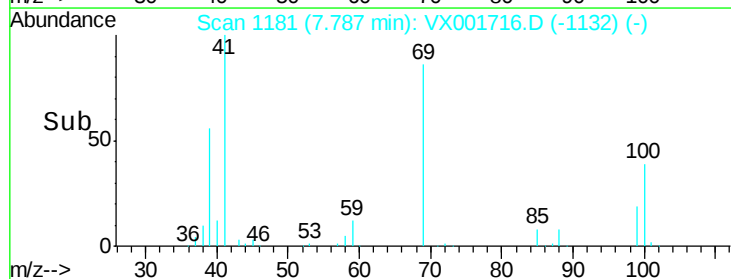
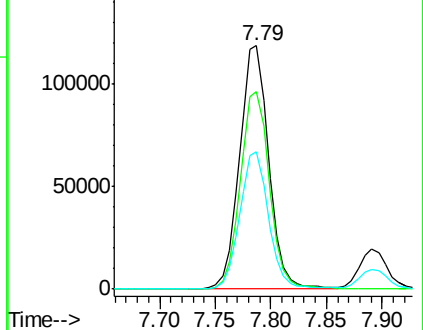
39 55.6 44.5 66.7

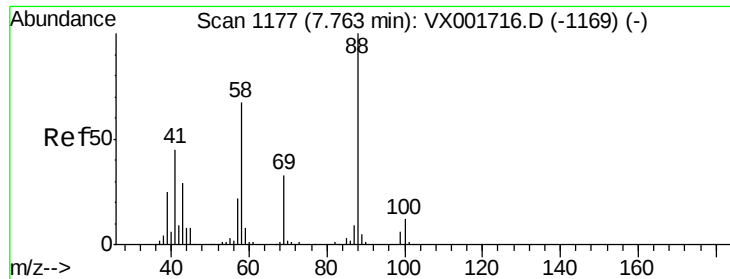


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

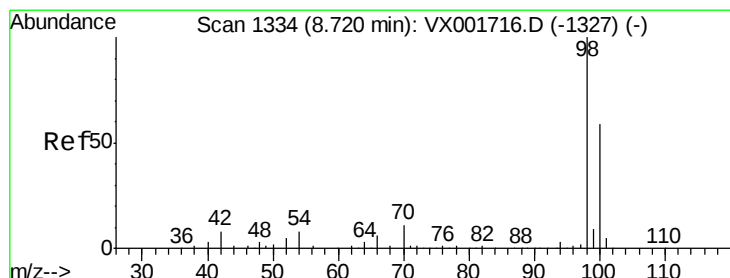
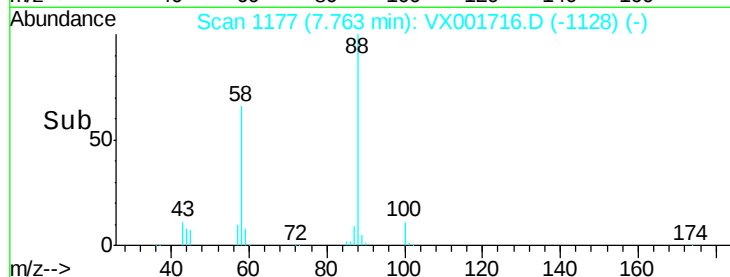
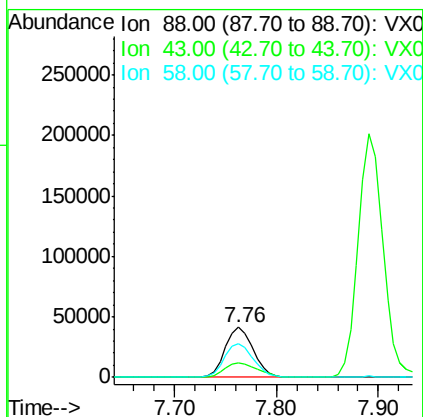
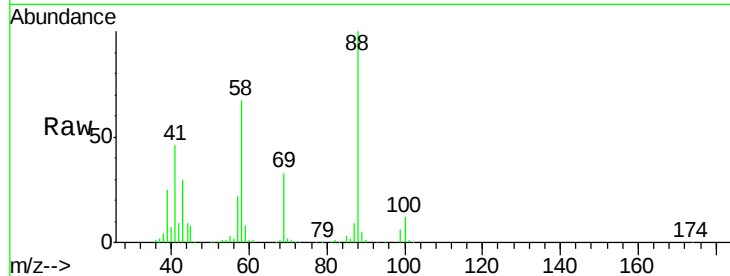




#49
1,4-Dioxane
Concen: 774.86 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. 0.00 min
Lab File: VX001716.D
Acq: 14 May 2018 18:16

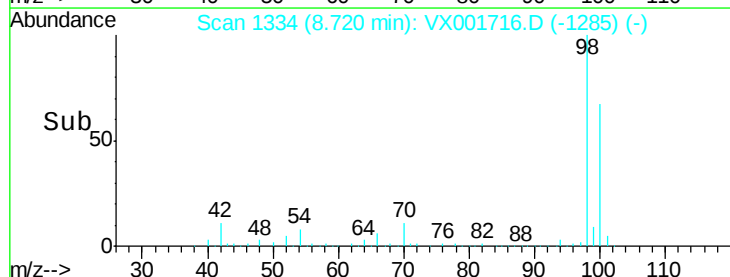
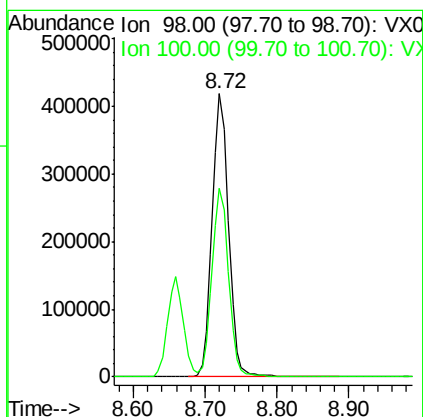
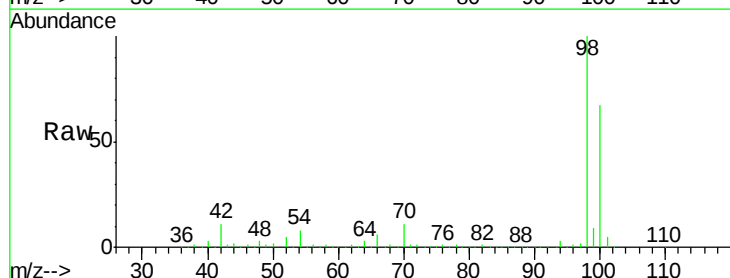
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

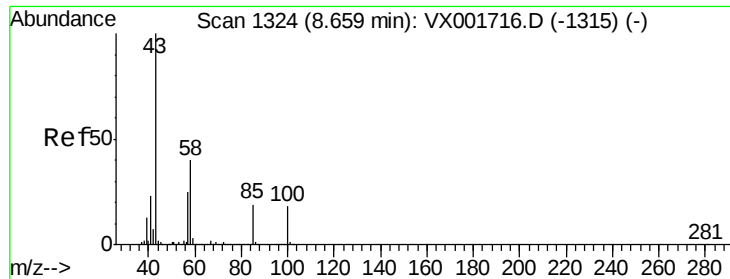
Tgt Ion: 88 Resp: 79362
Ion Ratio Lower Upper
88 100
43 34.1 27.3 40.9
58 69.9 55.9 83.9



#50
Toluene-d8
Concen: 48.20 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX001716.D
Acq: 14 May 2018 18:16

Tgt Ion: 98 Resp: 660241
Ion Ratio Lower Upper
98 100
100 67.5 54.0 81.0

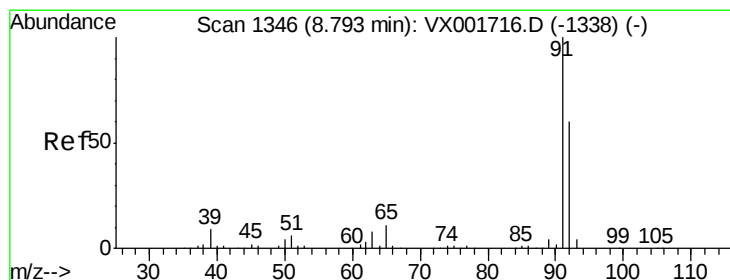
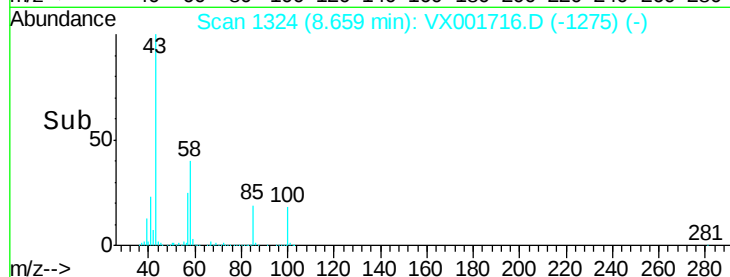
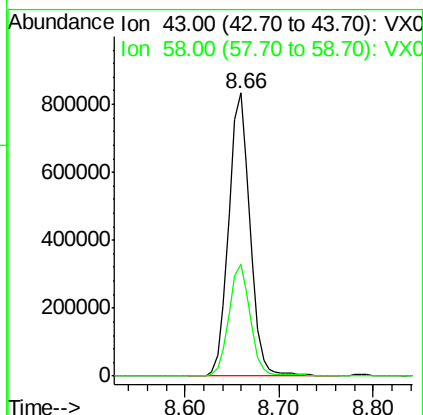
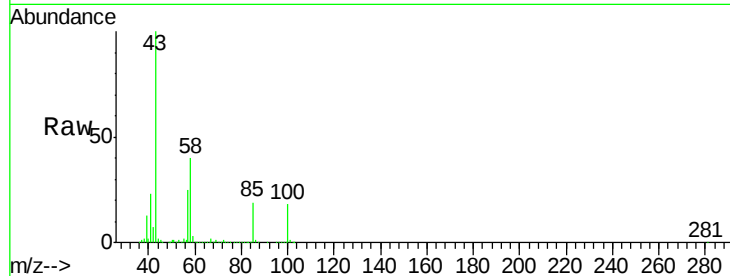




#51
 4-Methyl-2-Pentanone
 Concen: 221.63 ug/l
 RT: 8.66 min Scan# 1324
 Delta R.T. 0.00 min
 Lab File: VX001716.D
 Acq: 14 May 2018 18:16

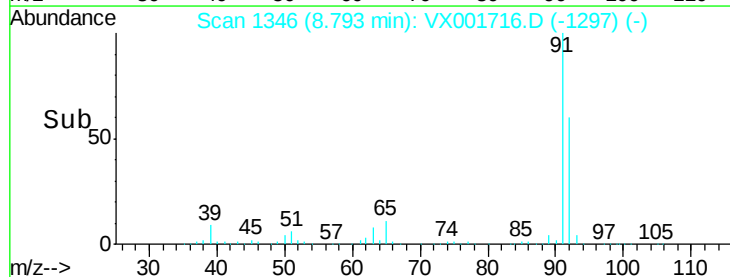
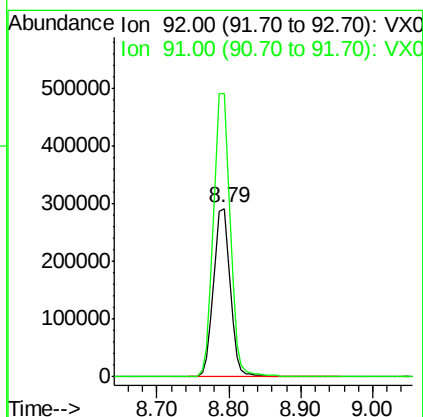
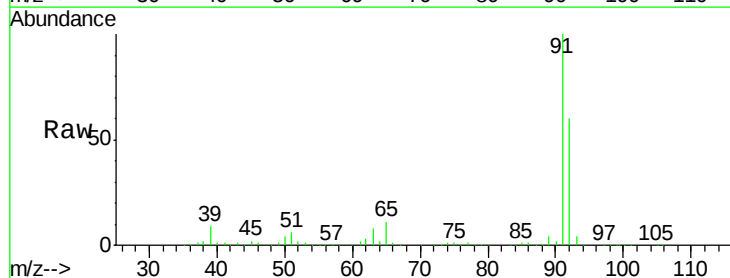
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

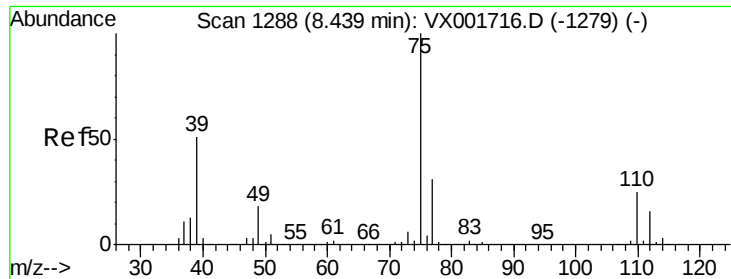
Tgt Ion: 43 Resp: 1310355
 Ion Ratio Lower Upper
 43 100
 58 39.2 31.4 47.0



#52
 Toluene
 Concen: 46.21 ug/l
 RT: 8.79 min Scan# 1346
 Delta R.T. 0.00 min
 Lab File: VX001716.D
 Acq: 14 May 2018 18:16

Tgt Ion: 92 Resp: 470850
 Ion Ratio Lower Upper
 92 100
 91 169.4 135.5 203.3

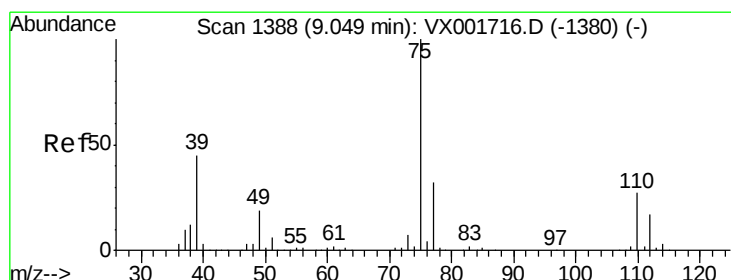
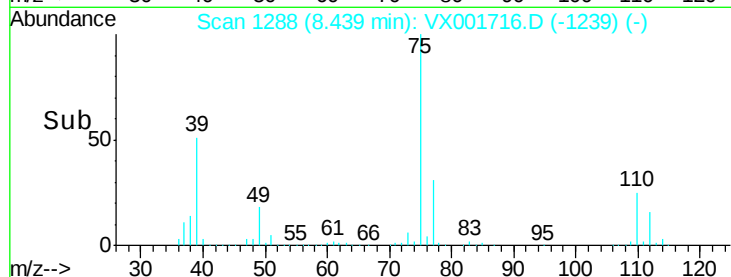
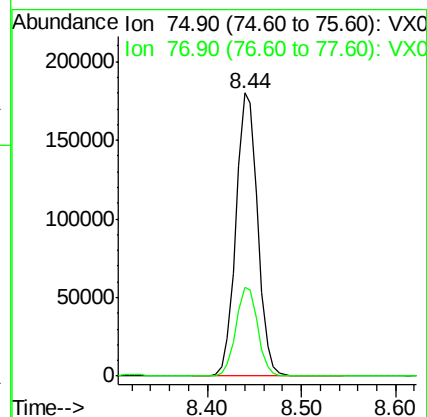
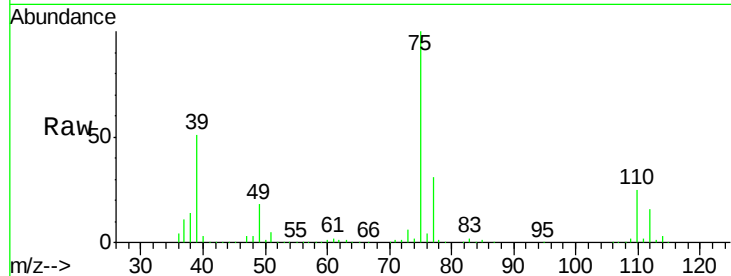




#53
 t-1,3-Dichloropropene
 Concen: 49.70 ug/l
 RT: 8.44 min Scan# 1288
 Delta R.T. 0.00 min
 Lab File: VX001716.D
 Acq: 14 May 2018 18:16

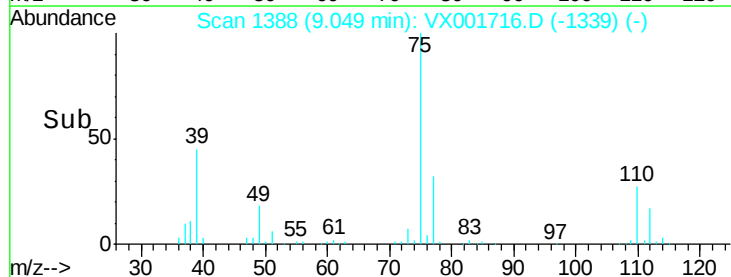
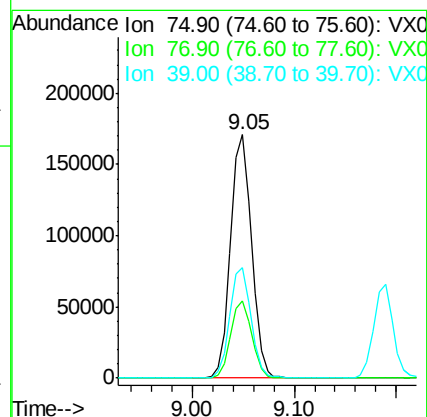
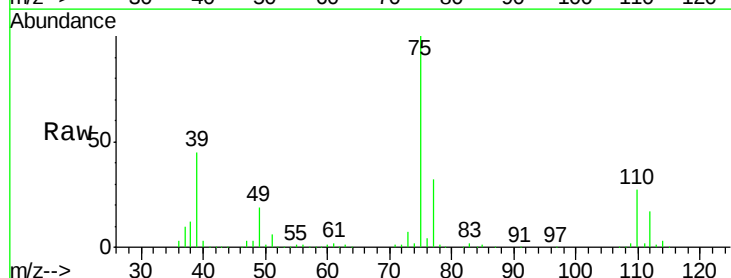
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

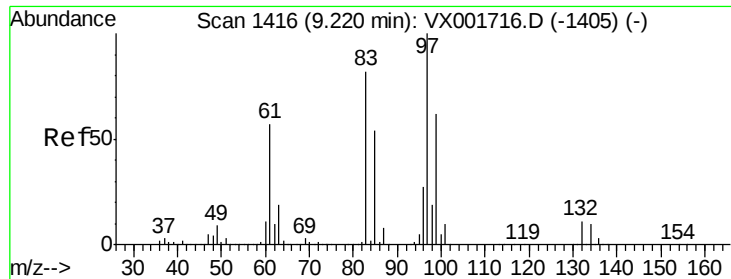
Tgt Ion: 75 Resp: 286202
 Ion Ratio Lower Upper
 75 100
 77 31.3 25.0 37.6



#54
 cis-1,3-Dichloropropene
 Concen: 47.09 ug/l
 RT: 9.05 min Scan# 1388
 Delta R.T. 0.00 min
 Lab File: VX001716.D
 Acq: 14 May 2018 18:16

Tgt Ion: 75 Resp: 243495
 Ion Ratio Lower Upper
 75 100
 77 31.8 25.4 38.2
 39 45.1 36.1 54.1

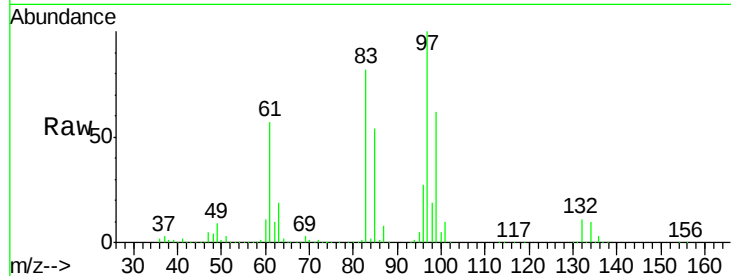




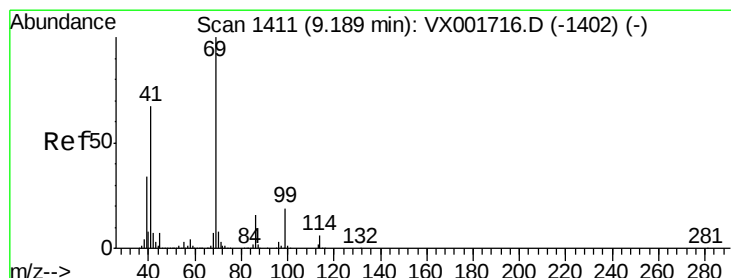
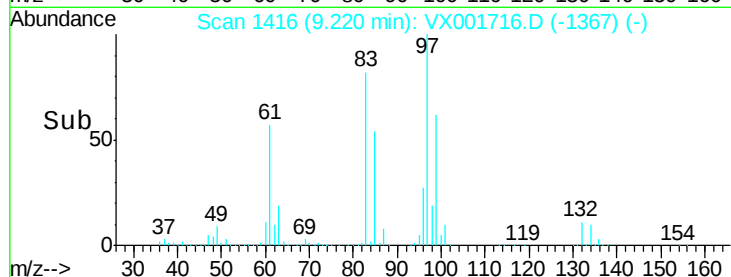
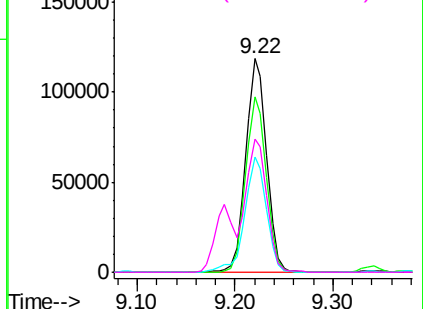
#55
 1,1,2-Trichloroethane
 Concen: 42.91 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VX001716.D
 Acq: 14 May 2018 18:16

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tgt Ion:	97	Resp:	174609
Ion	Ratio	Lower	Upper
97	100		
83	82.3	65.8	98.8
85	54.2	43.4	65.0
99	62.2	49.8	74.6

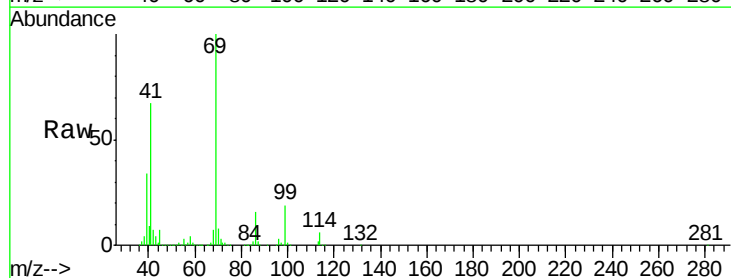


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

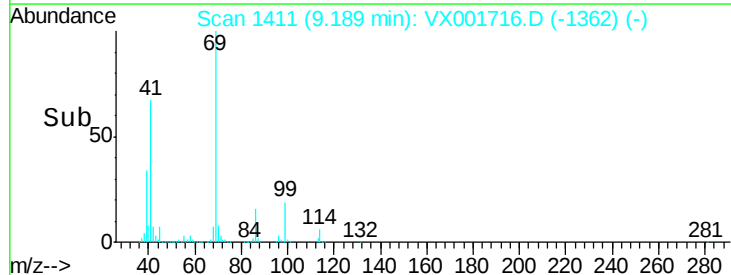
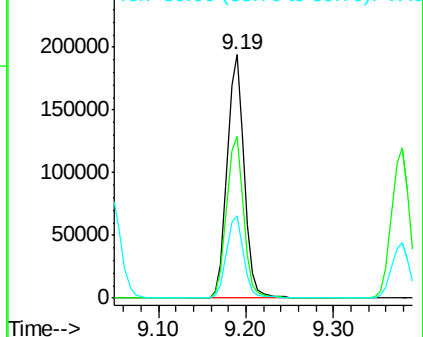


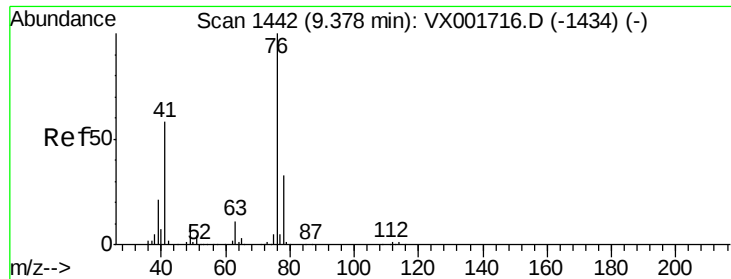
#56
 Ethyl methacrylate
 Concen: 44.75 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. 0.00 min
 Lab File: VX001716.D
 Acq: 14 May 2018 18:16

Tgt Ion:	69	Resp:	261529
Ion	Ratio	Lower	Upper
69	100		
41	66.9	53.5	80.3
39	34.0	27.2	40.8



Abundance Ion 69.00 (68.70 to 69.70): VX0
 Ion 41.00 (40.70 to 41.70): VX0
 Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 43.18 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. 0.00 min

Lab File: VX001716.D

Acq: 14 May 2018 18:16

Instrument :

MSVOA_X

ClientSampleId :

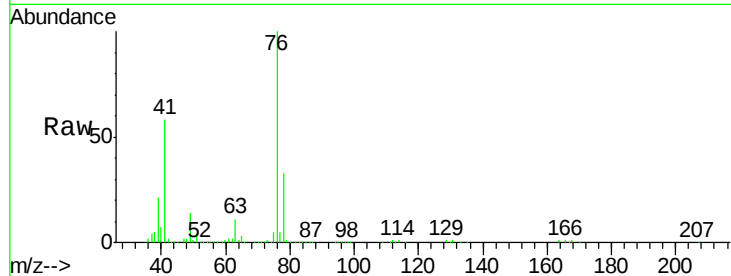
VSTDICCC050

Tgt Ion: 76 Resp: 289975

Ion Ratio Lower Upper

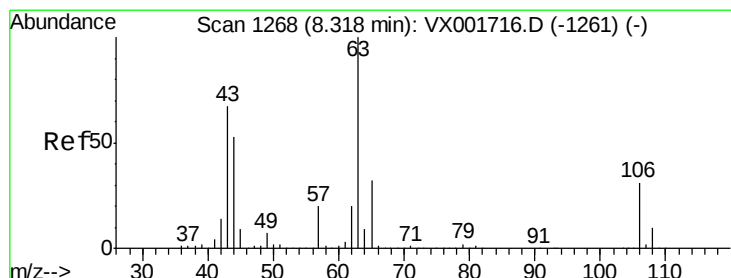
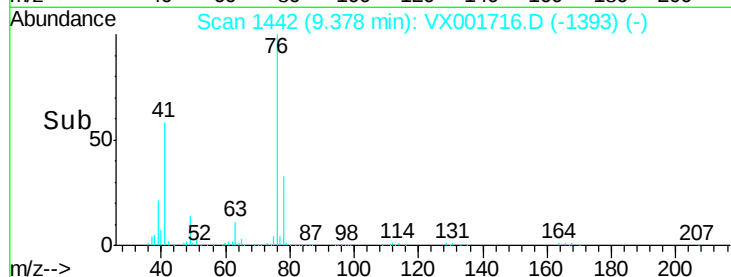
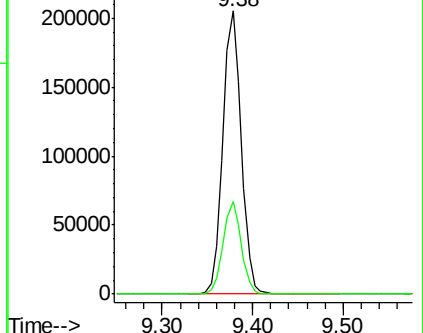
76 100

78 32.2 25.8 38.6



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 241.30 ug/l

RT: 8.32 min Scan# 1268

Delta R.T. 0.00 min

Lab File: VX001716.D

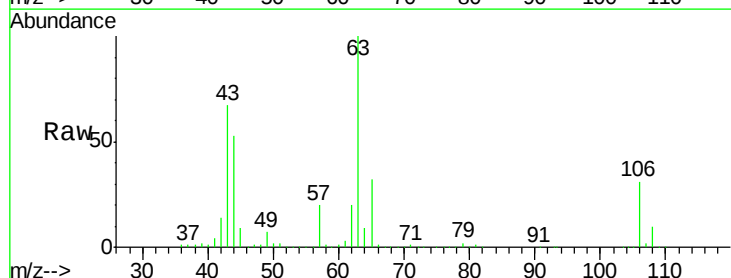
Acq: 14 May 2018 18:16

Tgt Ion: 63 Resp: 698316

Ion Ratio Lower Upper

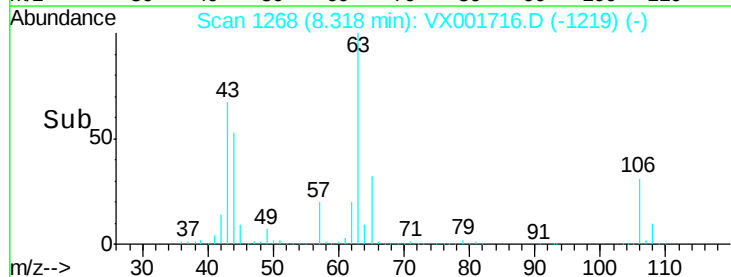
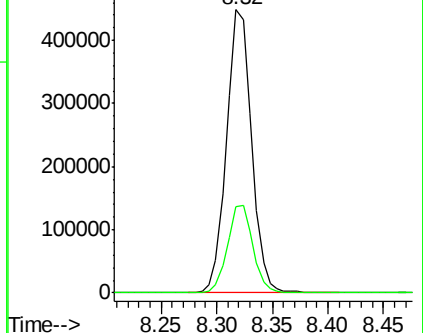
63 100

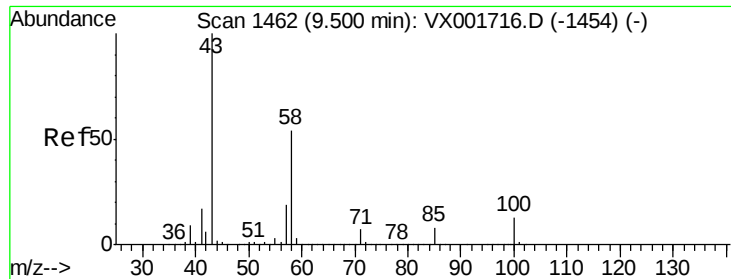
106 31.4 25.1 37.7



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

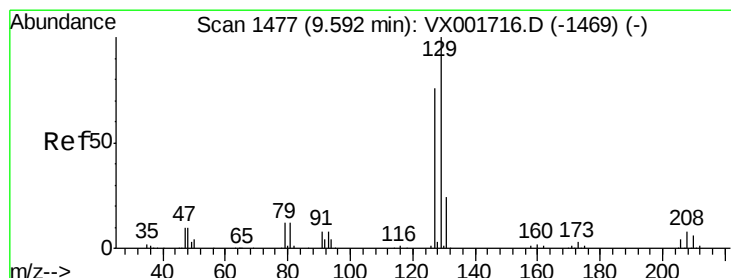
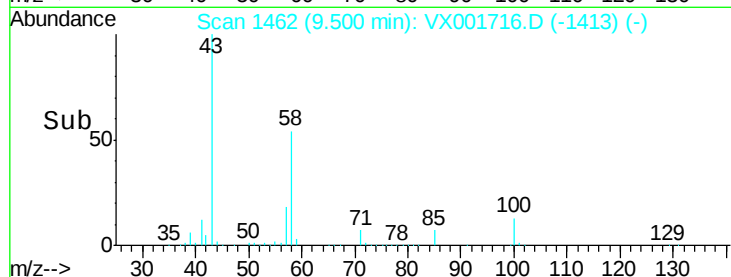
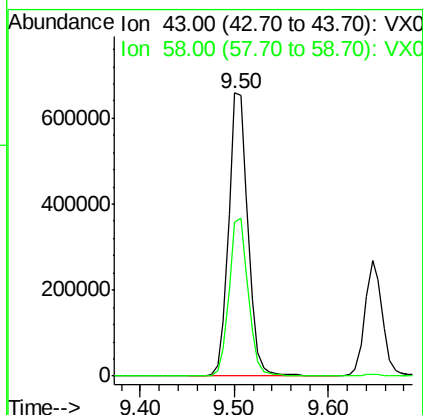
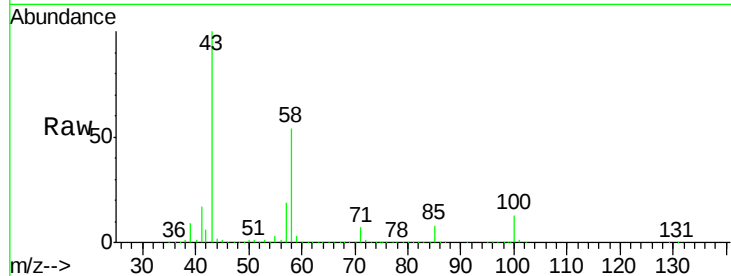




#59
2-Hexanone
Concen: 209.28 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. 0.00 min
Lab File: VX001716.D
Acq: 14 May 2018 18:16

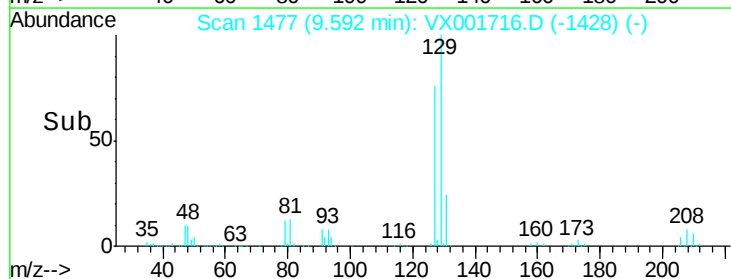
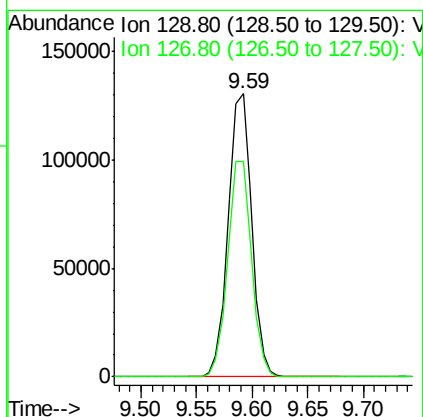
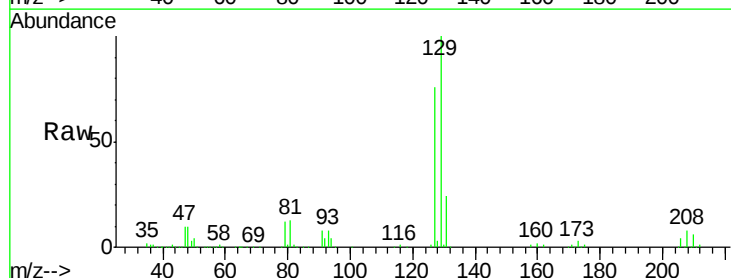
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

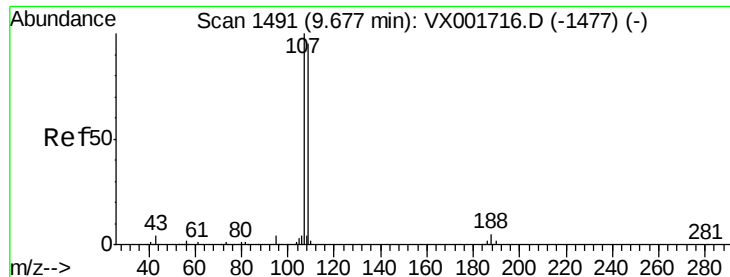
Tgt Ion: 43 Resp: 935754
Ion Ratio Lower Upper
43 100
58 55.4 27.7 83.1



#60
Dibromochloromethane
Concen: 46.08 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. 0.00 min
Lab File: VX001716.D
Acq: 14 May 2018 18:16

Tgt Ion: 129 Resp: 190737
Ion Ratio Lower Upper
129 100
127 77.4 38.7 116.1

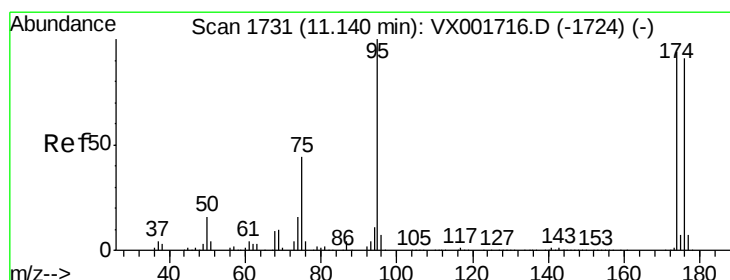
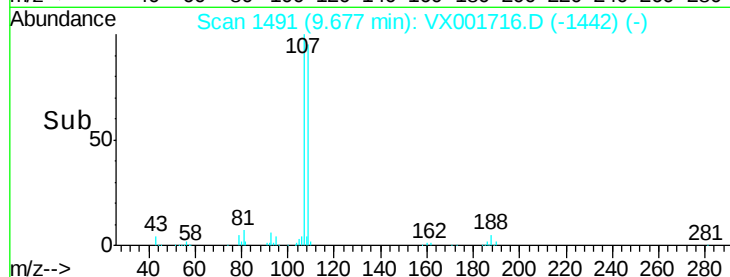
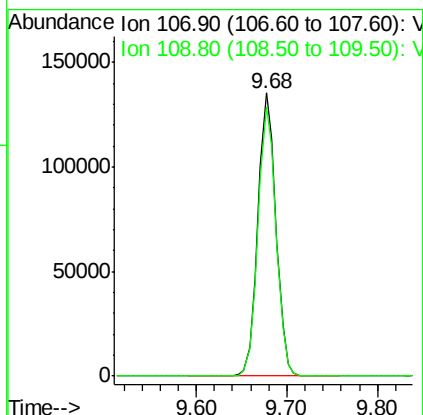
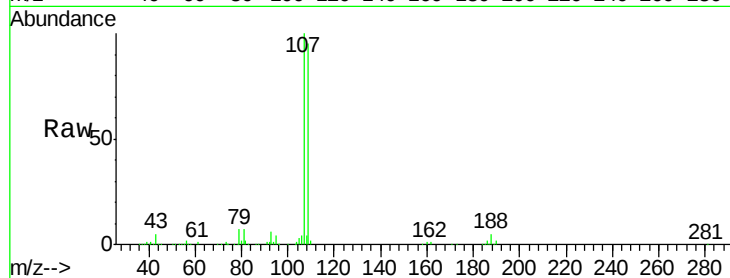




#61
 1,2-Dibromoethane
 Concen: 43.88 ug/l
 RT: 9.68 min Scan# 1491
 Delta R.T. 0.00 min
 Lab File: VX001716.D
 Acq: 14 May 2018 18:16

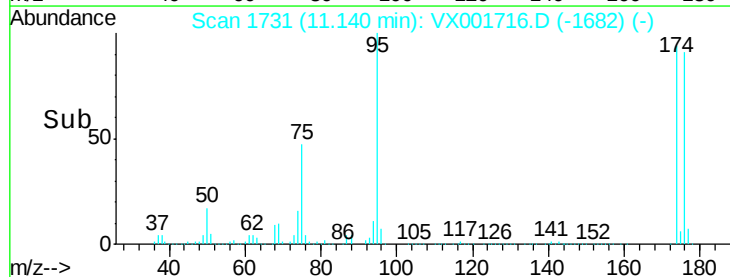
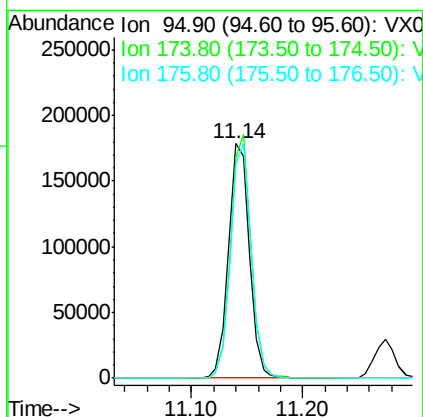
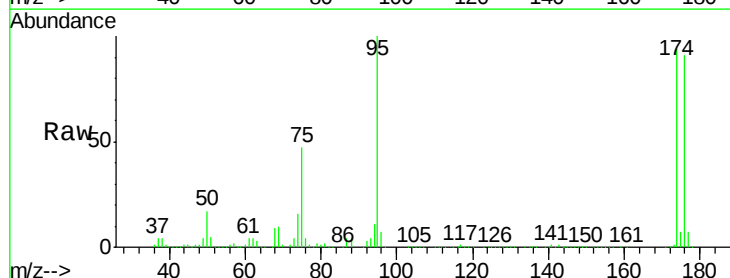
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

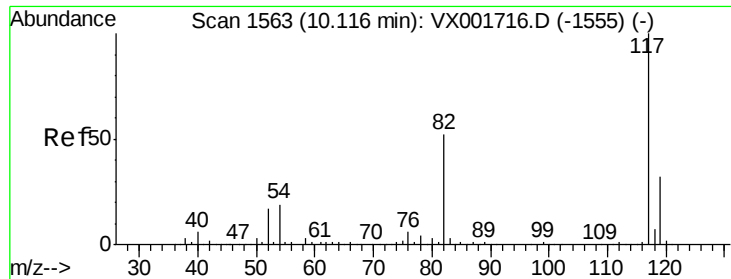
Tgt Ion: 107 Resp: 186849
 Ion Ratio Lower Upper
 107 100
 109 95.2 76.2 114.2



#62
 4-Bromofluorobenzene
 Concen: 44.95 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. 0.00 min
 Lab File: VX001716.D
 Acq: 14 May 2018 18:16

Tgt Ion: 95 Resp: 231889
 Ion Ratio Lower Upper
 95 100
 174 100.9 0.0 201.8
 176 98.4 0.0 196.8

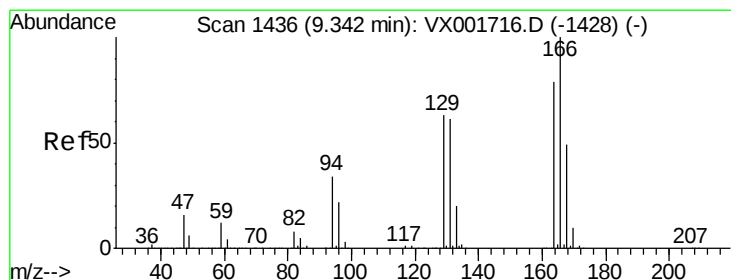
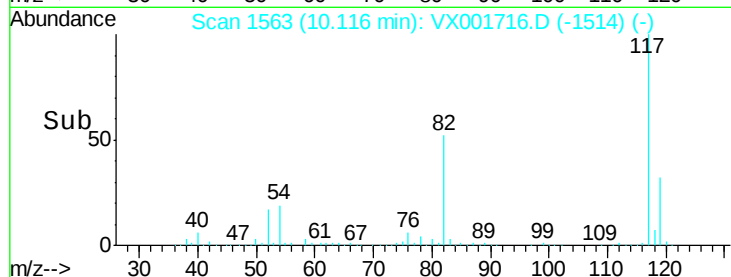
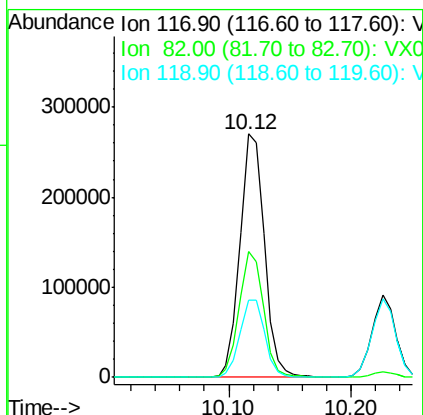
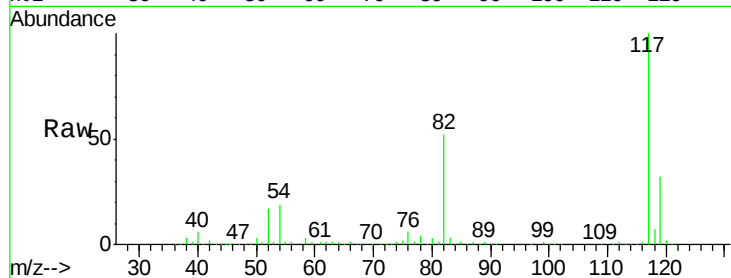




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX001716.D
Acq: 14 May 2018 18:16

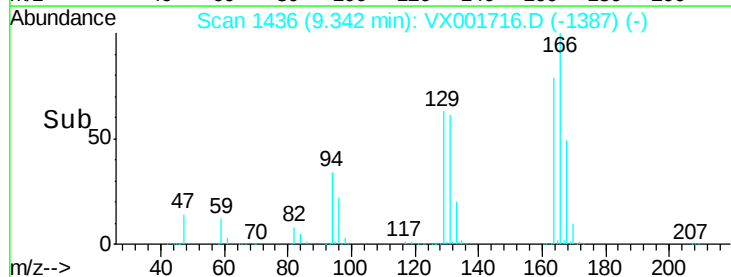
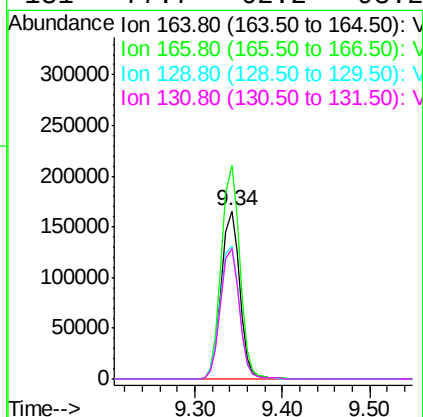
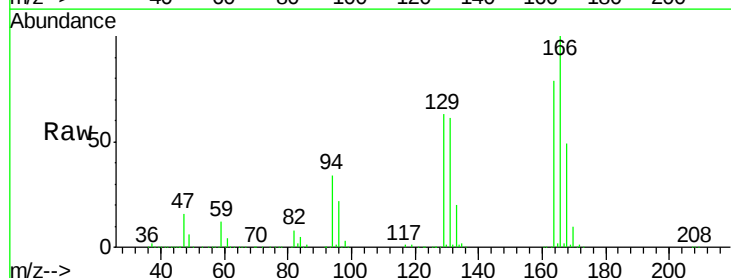
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

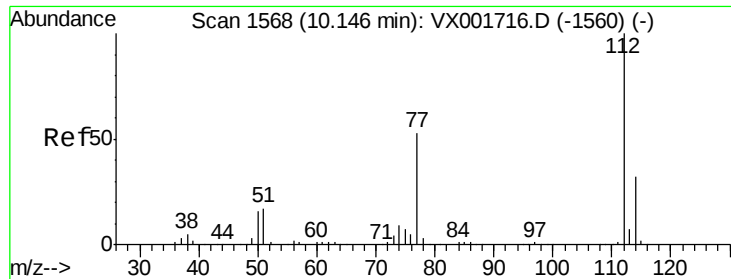
Tgt Ion:117 Resp: 375967
Ion Ratio Lower Upper
117 100
82 51.8 41.4 62.2
119 32.0 25.6 38.4



#64
Tetrachloroethene
Concen: 46.86 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. 0.00 min
Lab File: VX001716.D
Acq: 14 May 2018 18:16

Tgt Ion:164 Resp: 242587
Ion Ratio Lower Upper
164 100
166 127.3 101.8 152.8
129 79.7 63.8 95.6
131 77.7 62.2 93.2





#65

Chlorobenzene

Concen: 46.25 ug/l

RT: 10.15 min Scan# 1568

Delta R.T. 0.00 min

Lab File: VX001716.D

Acq: 14 May 2018 18:16

Instrument :

MSVOA_X

ClientSampleId :

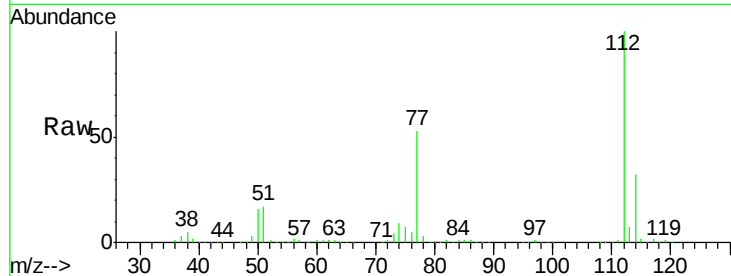
VSTDICCC050

Tgt Ion:112 Resp: 504298

Ion Ratio Lower Upper

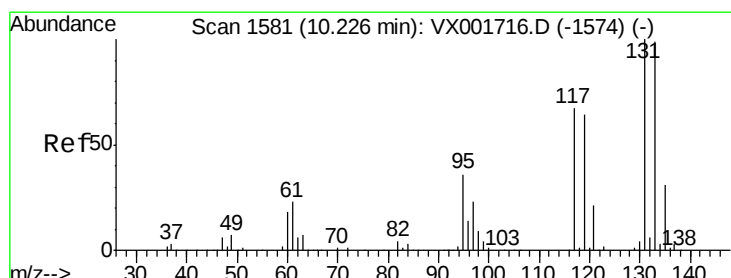
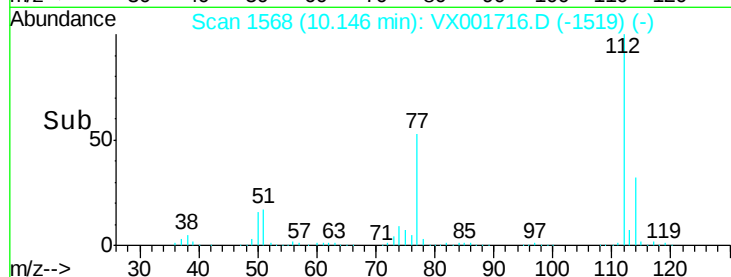
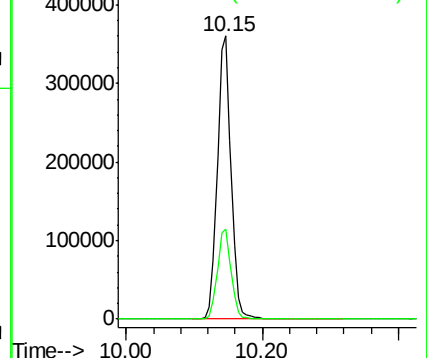
112 100

114 32.0 25.6 38.4



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 47.56 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. 0.00 min

Lab File: VX001716.D

Acq: 14 May 2018 18:16

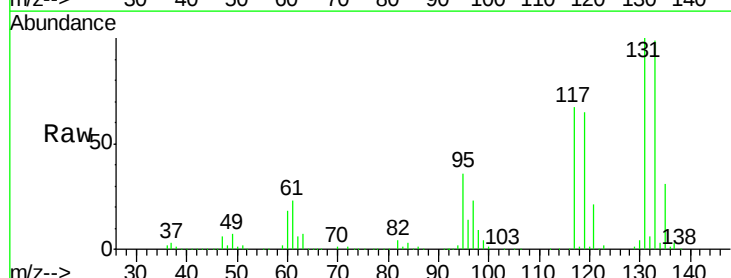
Tgt Ion:131 Resp: 184934

Ion Ratio Lower Upper

131 100

133 97.1 48.5 145.6

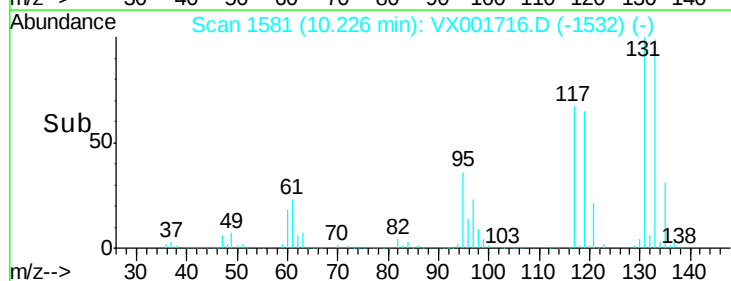
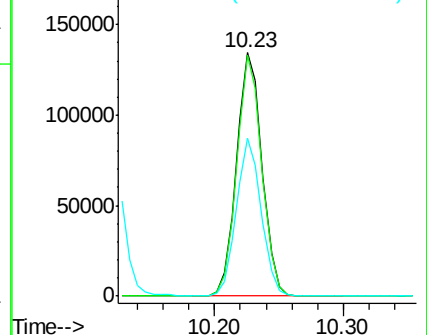
119 63.7 31.9 95.5

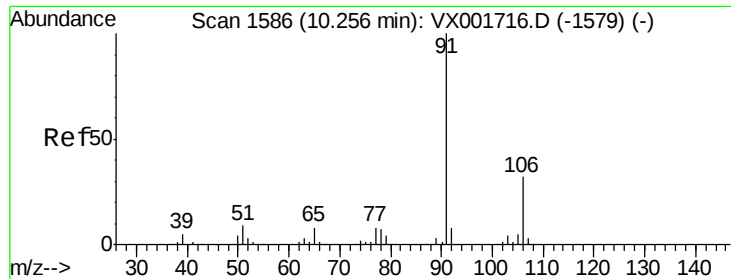


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

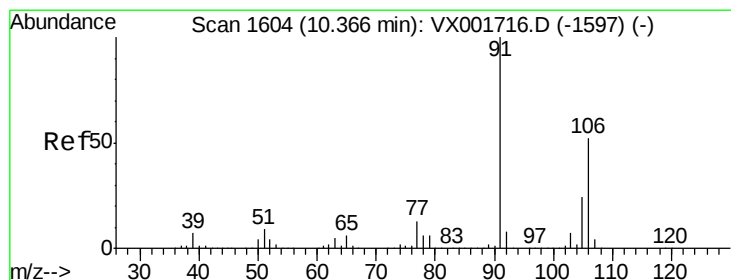
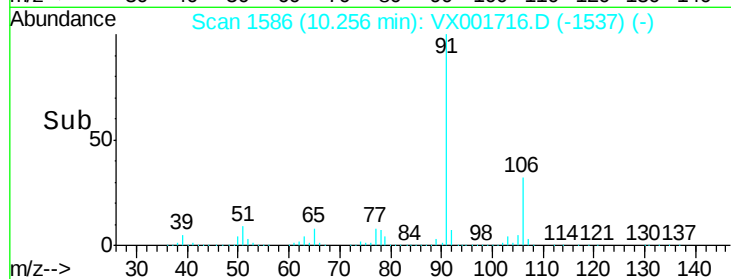
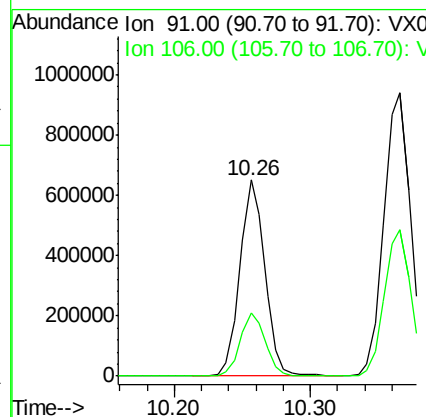
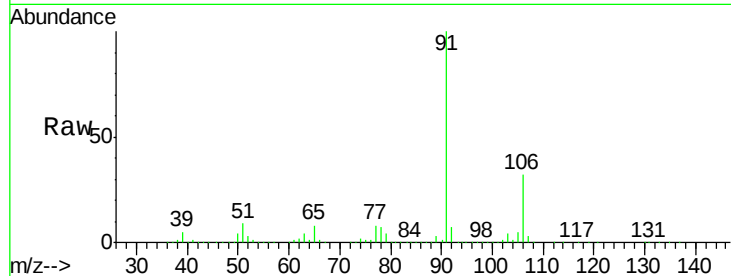




#67
Ethyl Benzene
Concen: 46.82 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. 0.00 min
Lab File: VX001716.D
Acq: 14 May 2018 18:16

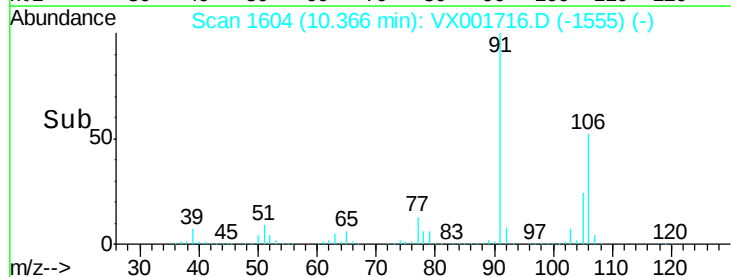
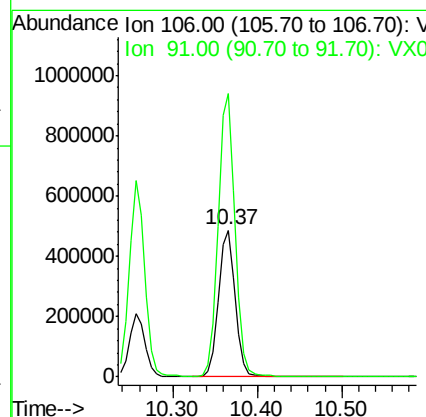
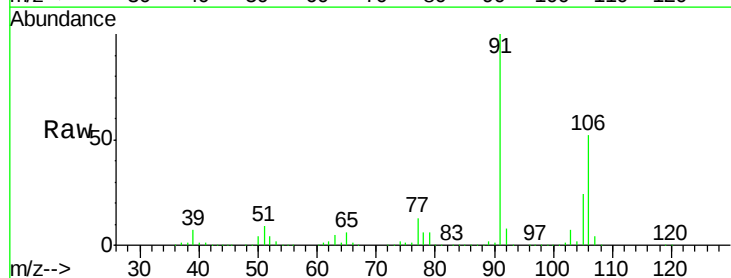
Instrument :
MSVOA_X
ClientSampled :
VSTDICCC050

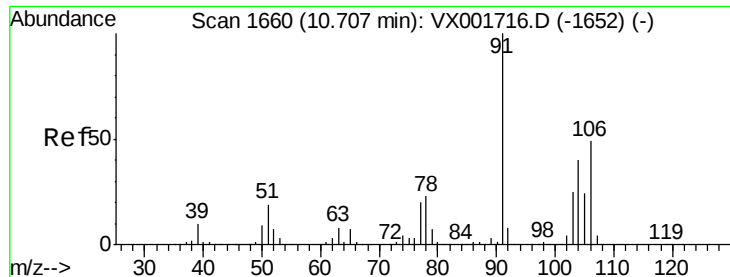
Tgt Ion: 91 Resp: 835869
Ion Ratio Lower Upper
91 100
106 32.1 25.7 38.5



#68
m/p-Xylenes
Concen: 94.77 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VX001716.D
Acq: 14 May 2018 18:16

Tgt Ion: 106 Resp: 667881
Ion Ratio Lower Upper
106 100
91 194.3 155.4 233.2

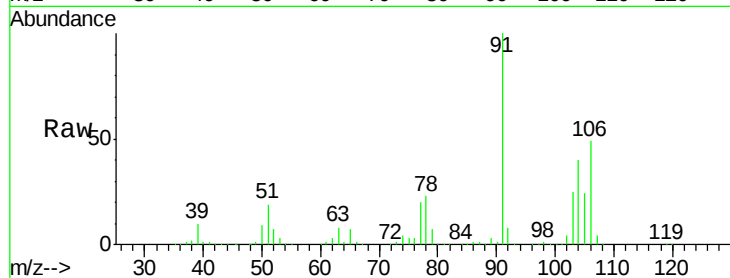




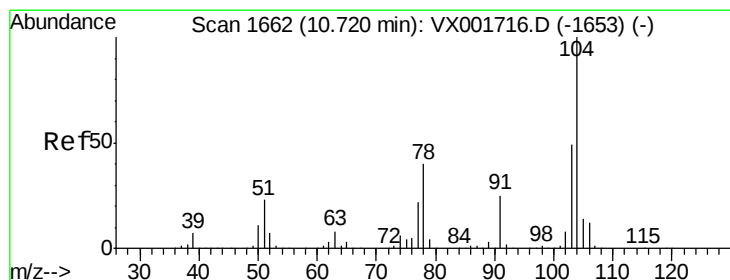
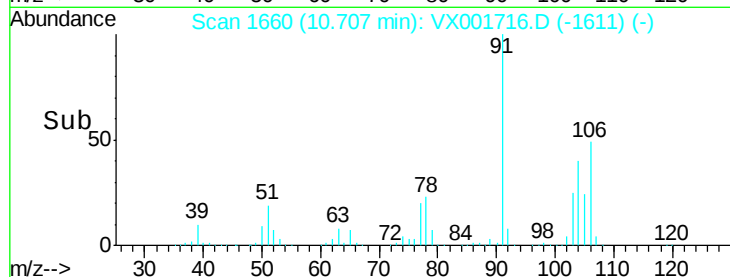
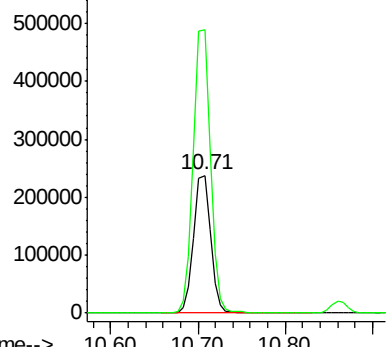
#69
o-Xylene
Concen: 46.99 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. 0.00 min
Lab File: VX001716.D
Acq: 14 May 2018 18:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion:106 Resp: 321020
Ion Ratio Lower Upper
106 100
91 206.8 103.4 310.2

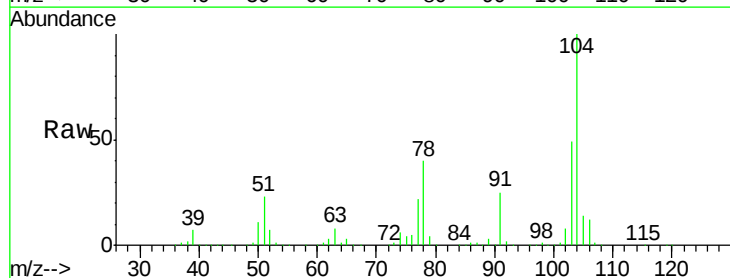


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

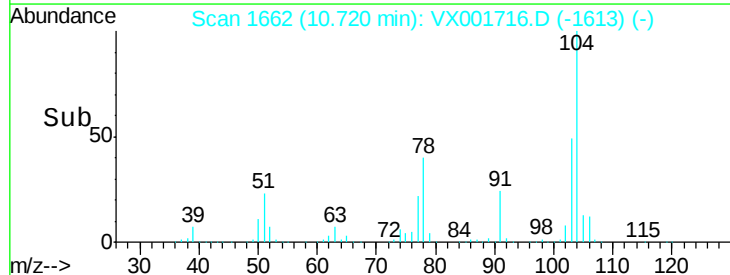
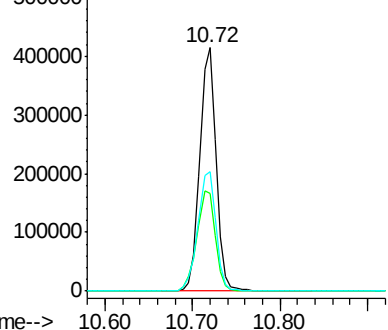


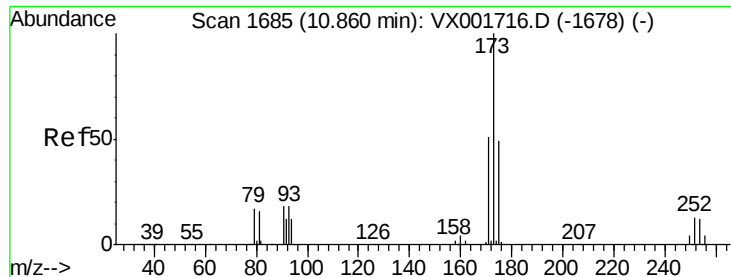
#70
Styrene
Concen: 48.24 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. 0.00 min
Lab File: VX001716.D
Acq: 14 May 2018 18:16

Tgt Ion:104 Resp: 536425
Ion Ratio Lower Upper
104 100
78 46.6 37.3 55.9
103 54.6 43.7 65.5



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





#71

Bromoform

Concen: 49.30 ug/l

RT: 10.86 min Scan# 1685

Delta R.T. 0.00 min

Lab File: VX001716.D

Acq: 14 May 2018 18:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

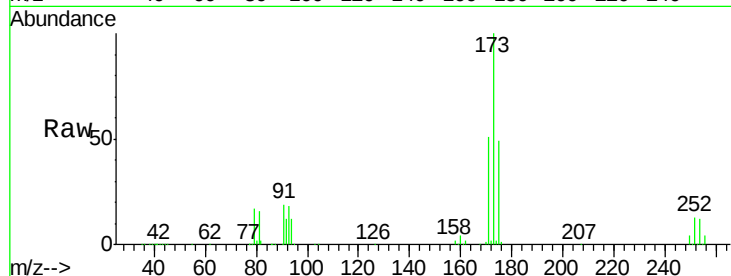
Tgt Ion:173 Resp: 156779

Ion Ratio Lower Upper

173 100

175 48.5 24.3 72.8

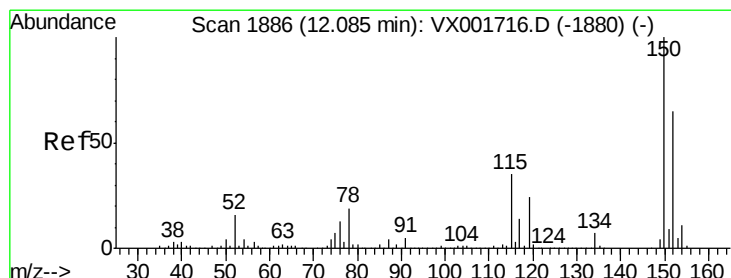
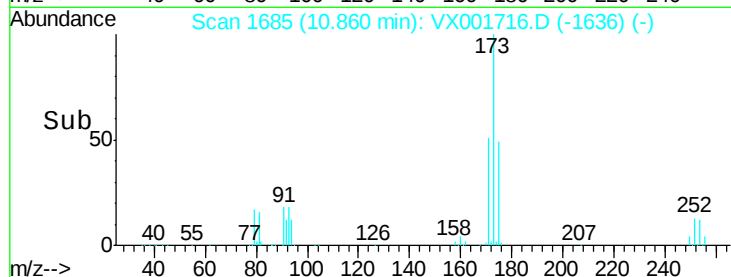
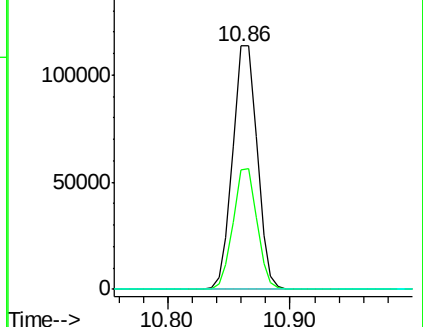
254 0.2 0.2 0.2



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX001716.D

Acq: 14 May 2018 18:16

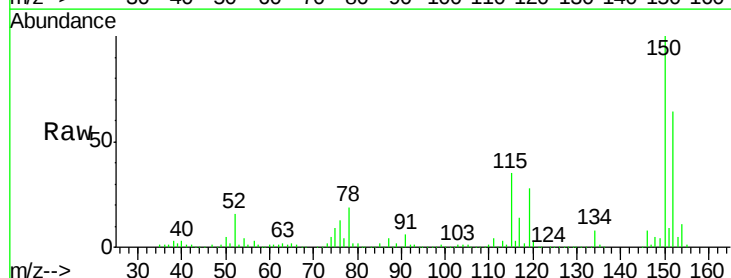
Tgt Ion:152 Resp: 252748

Ion Ratio Lower Upper

152 100

115 74.8 37.4 112.2

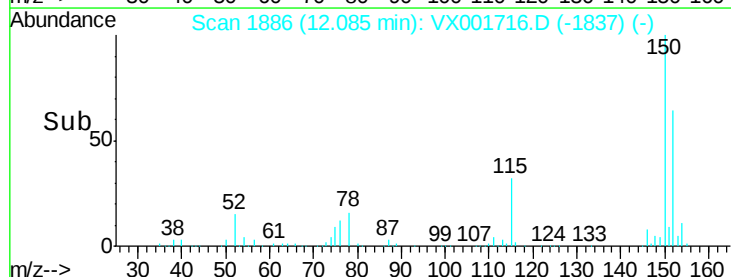
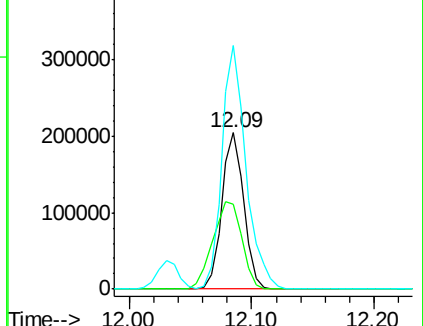
150 172.4 0.0 344.8



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 48.94 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. 0.00 min

Lab File: VX001716.D

Acq: 14 May 2018 18:16

Instrument :

MSVOA_X

ClientSampleId :

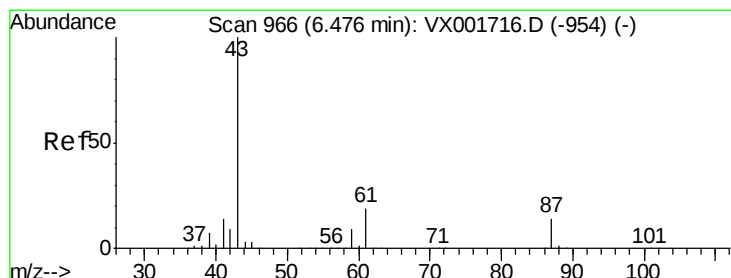
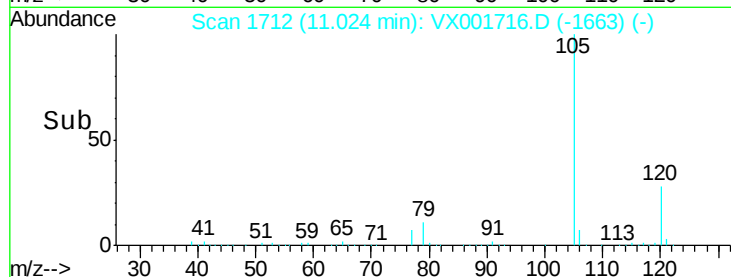
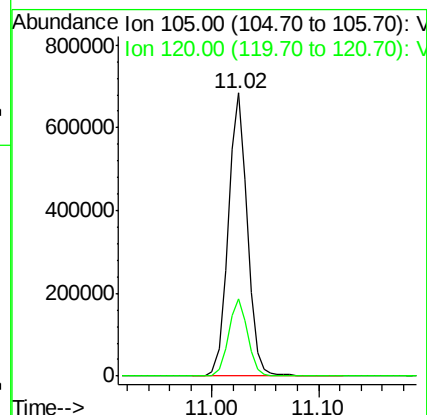
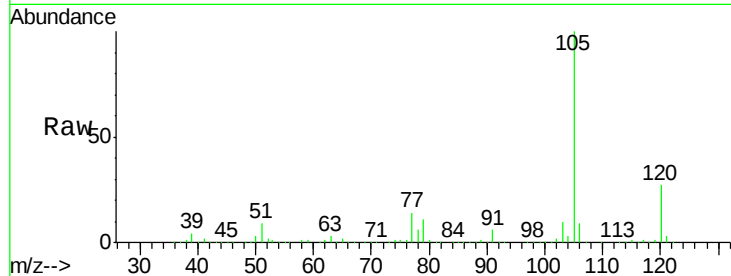
VSTDICCC050

Tgt Ion: 105 Resp: 854405

Ion Ratio Lower Upper

105 100

120 27.5 13.8 41.3



#74

N-ethyl acetate

Concen: 50.48 ug/l

RT: 6.48 min Scan# 966

Delta R.T. 0.00 min

Lab File: VX001716.D

Acq: 14 May 2018 18:16

Tgt Ion: 43 Resp: 404657

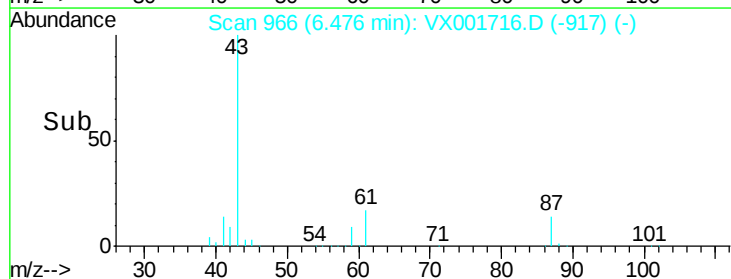
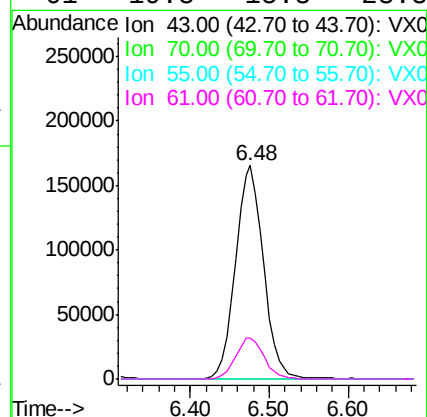
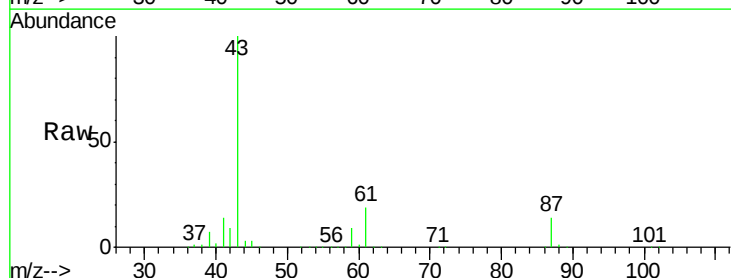
Ion Ratio Lower Upper

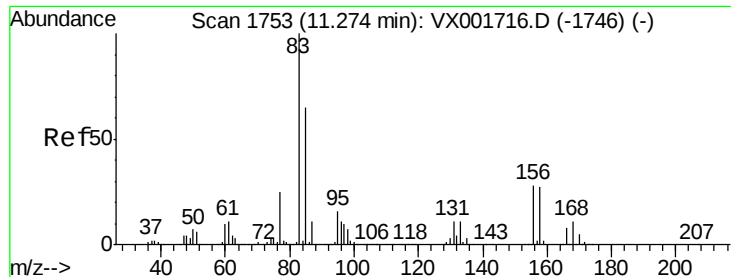
43 100

70 0.0 0.0 0.0

55 0.1 0.1 0.1#

61 19.8 15.8 23.8





#75

1,1,2,2-Tetrachloroethane

Concen: 47.07 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. 0.00 min

Lab File: VX001716.D

Acq: 14 May 2018 18:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

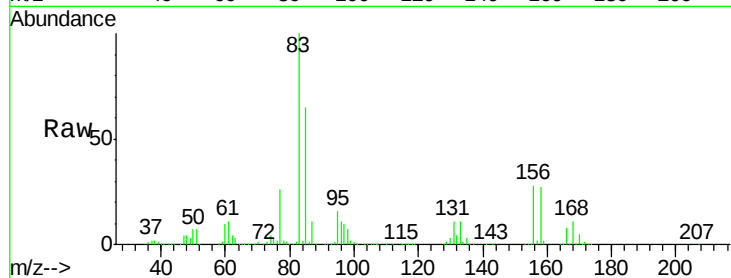
Tgt Ion: 83 Resp: 242487

Ion Ratio Lower Upper

83 100

131 11.3 5.7 17.0

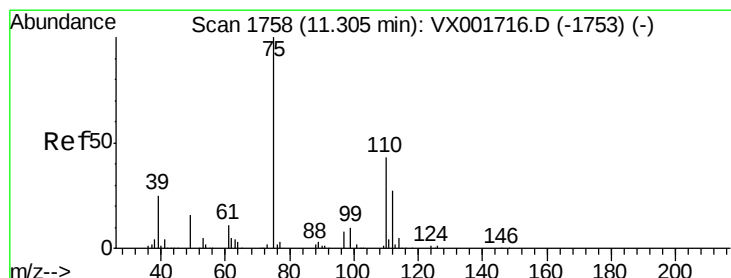
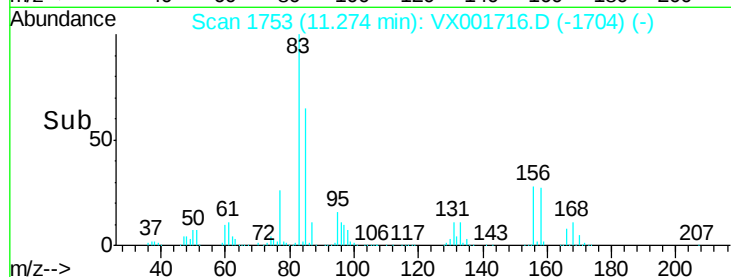
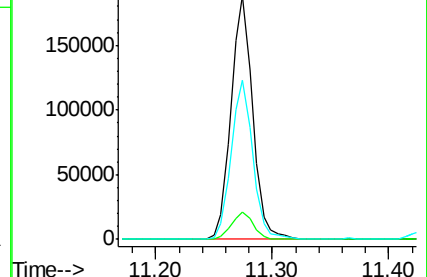
85 65.4 32.7 98.1



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 58.72 ug/l

RT: 11.30 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VX001716.D

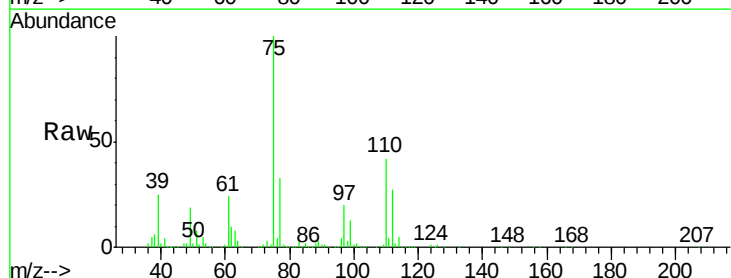
Acq: 14 May 2018 18:16

Tgt Ion: 75 Resp: 300983

Ion Ratio Lower Upper

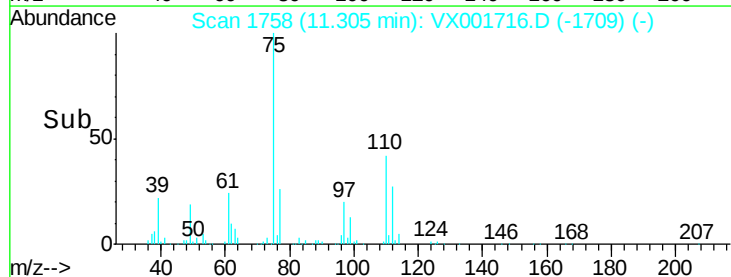
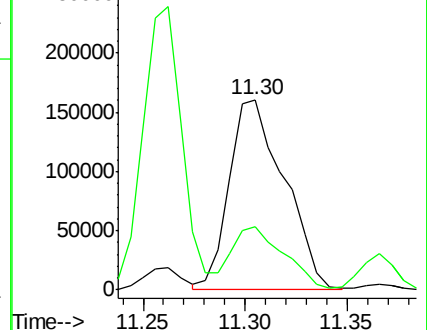
75 100

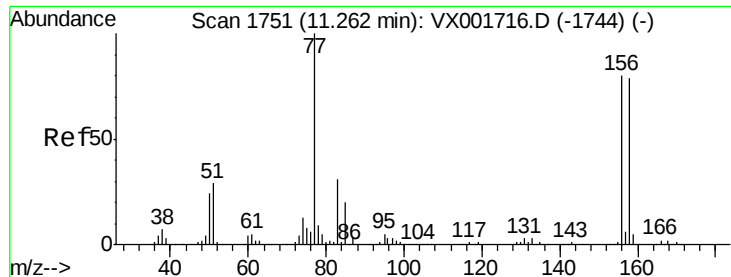
77 30.9 18.9 56.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 48.03 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. 0.00 min

Lab File: VX001716.D

Acq: 14 May 2018 18:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

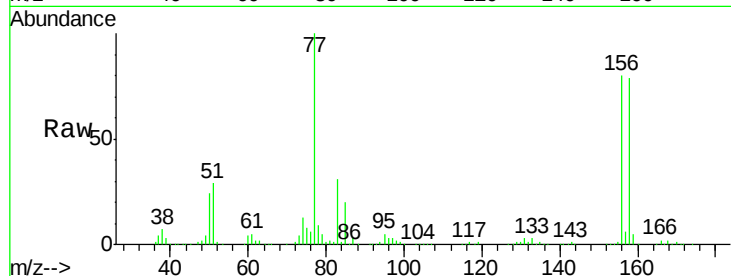
Tgt Ion:156 Resp: 244565

Ion Ratio Lower Upper

156 100

77 130.7 65.3 196.0

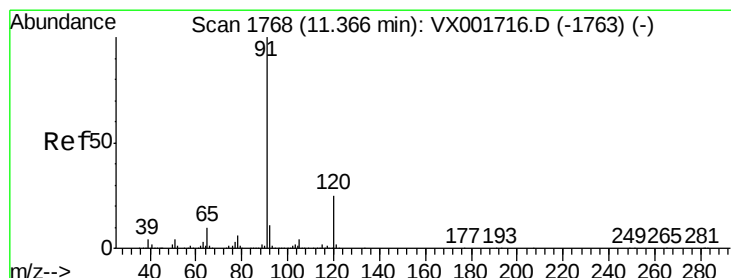
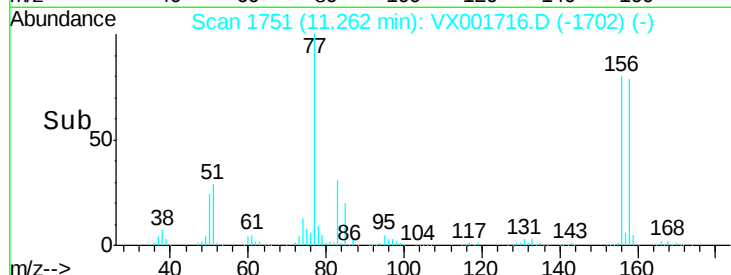
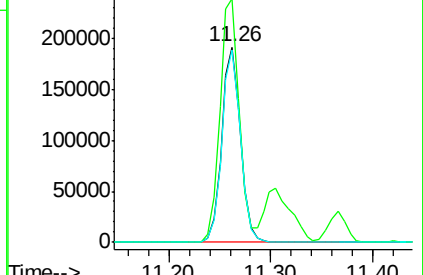
158 98.2 49.1 147.3



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: 50.16 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. 0.00 min

Lab File: VX001716.D

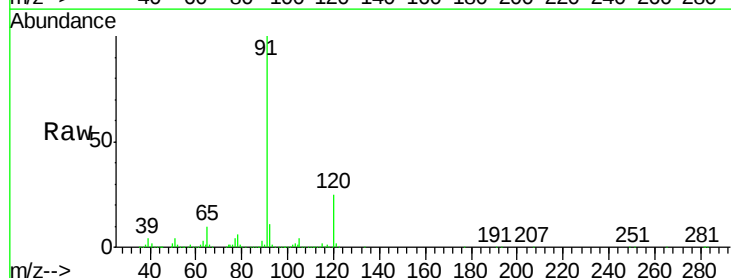
Acq: 14 May 2018 18:16

Tgt Ion: 91 Resp: 955428

Ion Ratio Lower Upper

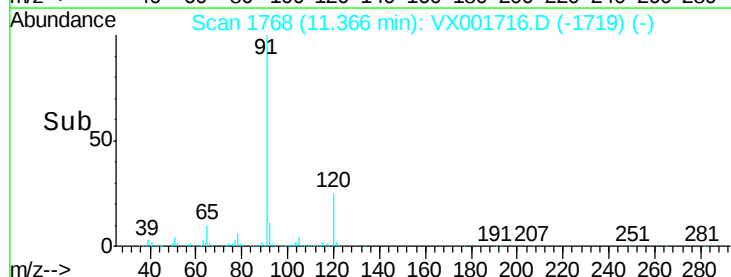
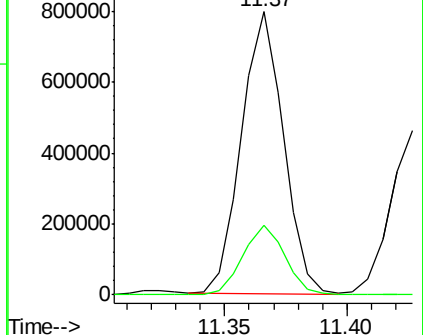
91 100

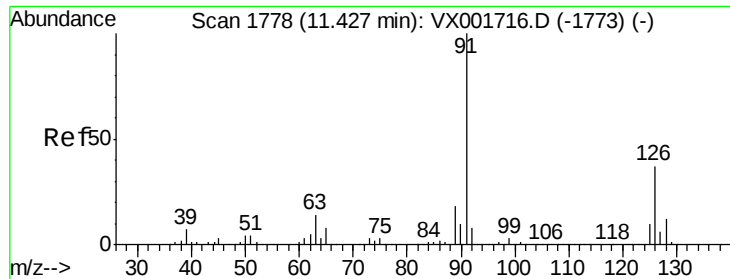
120 25.0 12.5 37.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 48.13 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VX001716.D

Acq: 14 May 2018 18:16

Instrument :

MSVOA_X

ClientSampleId :

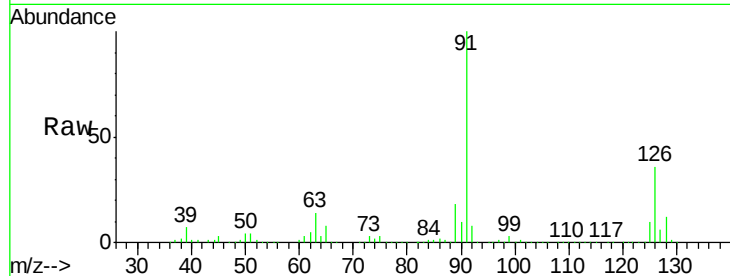
VSTDICCC050

Tgt Ion: 91 Resp: 562078

Ion Ratio Lower Upper

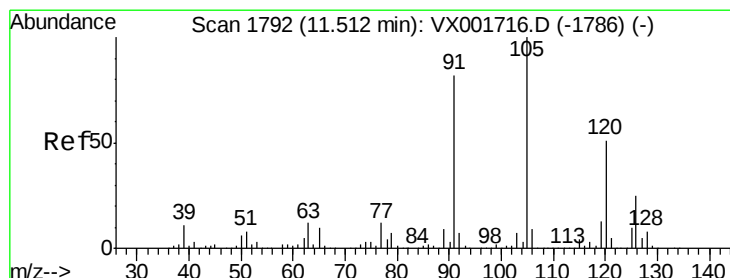
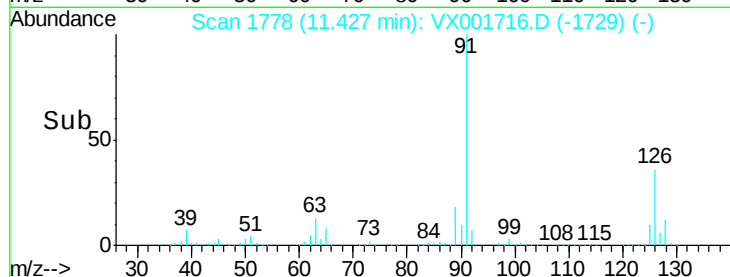
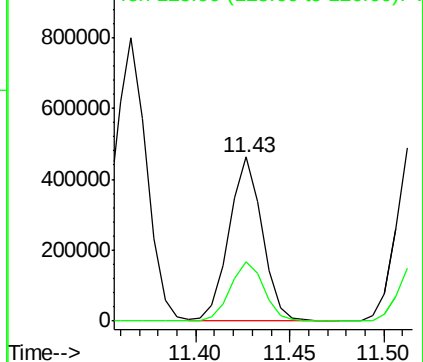
91 100

126 36.9 18.4 55.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 49.03 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX001716.D

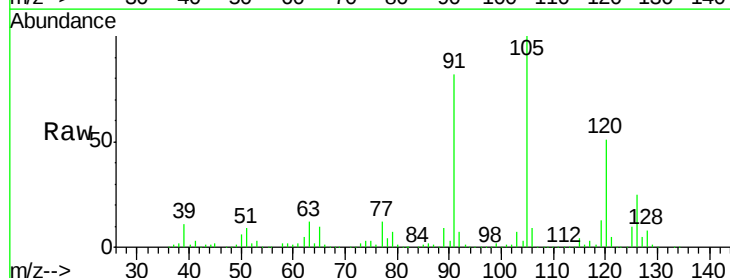
Acq: 14 May 2018 18:16

Tgt Ion: 105 Resp: 711400

Ion Ratio Lower Upper

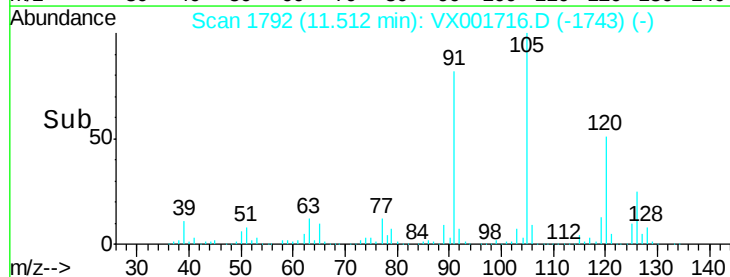
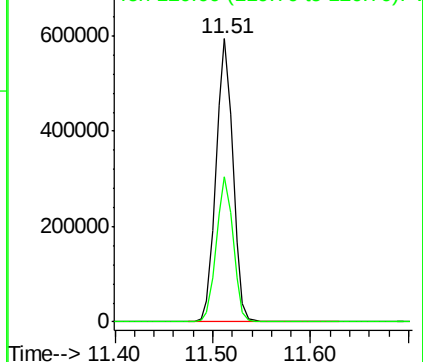
105 100

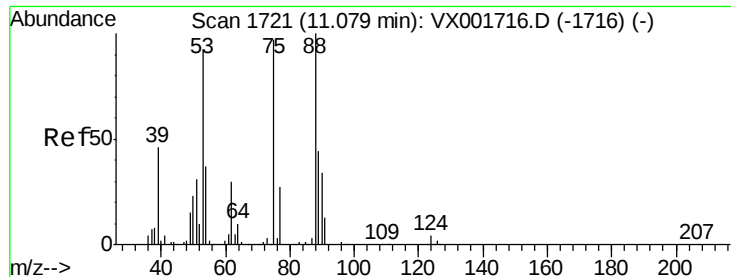
120 51.3 25.7 77.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 54.91 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. 0.00 min

Lab File: VX001716.D

Acq: 14 May 2018 18:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

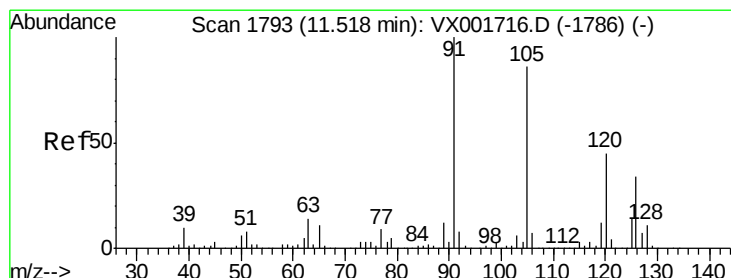
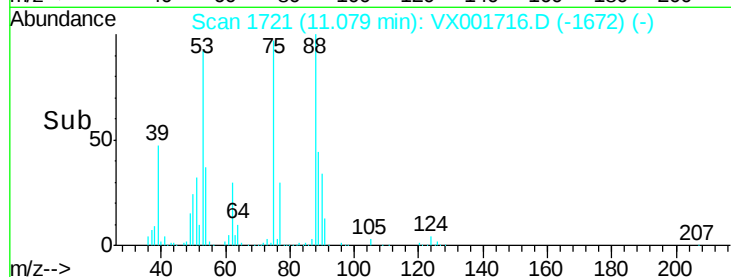
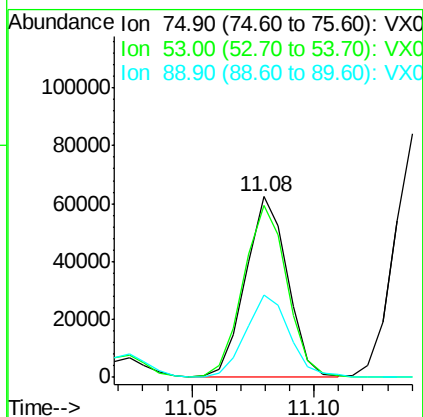
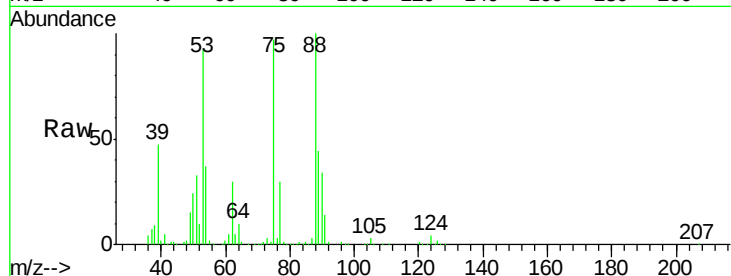
Tgt Ion: 75 Resp: 74228

Ion Ratio Lower Upper

75 100

53 99.3 79.4 119.2

89 48.5 38.8 58.2



#82

4-Chlorotoluene

Concen: 49.02 ug/l

RT: 11.52 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VX001716.D

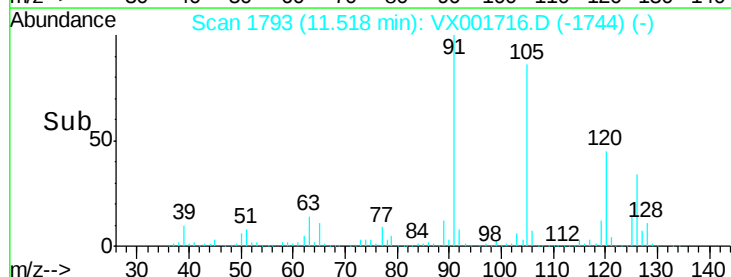
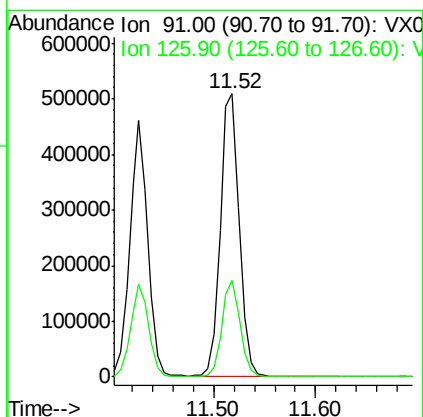
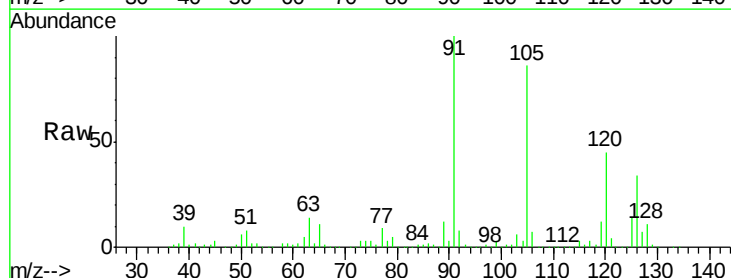
Acq: 14 May 2018 18:16

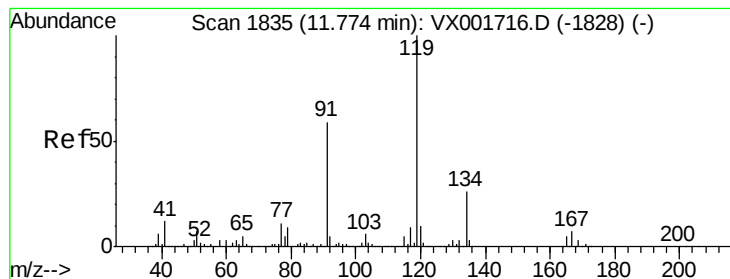
Tgt Ion: 91 Resp: 660885

Ion Ratio Lower Upper

91 100

126 32.7 16.4 49.1





#83

tert-Butylbenzene

Concen: 48.28 ug/l

RT: 11.77 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX001716.D

Acq: 14 May 2018 18:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

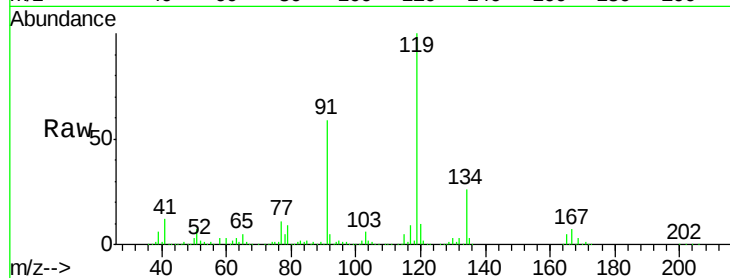
Tgt Ion:119 Resp: 694701

Ion Ratio Lower Upper

119 100

91 55.3 27.7 83.0

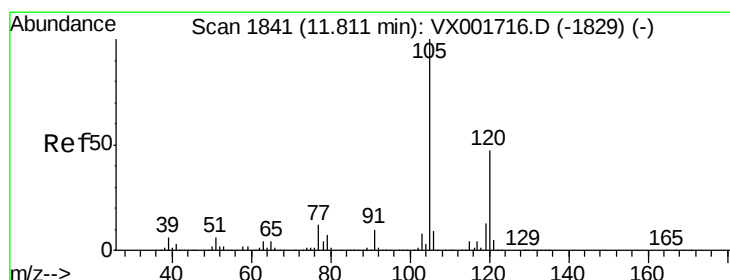
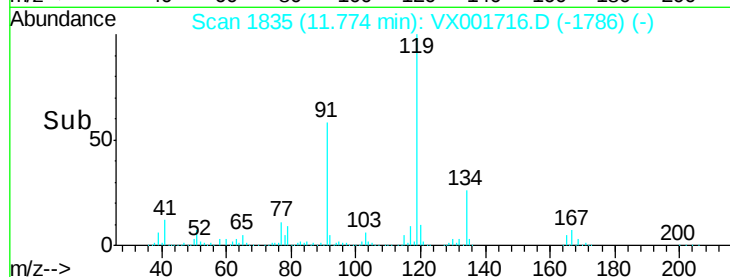
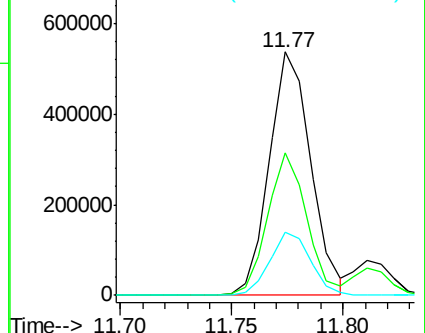
134 25.4 12.7 38.1



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 49.39 ug/l

RT: 11.81 min Scan# 1841

Delta R.T. 0.00 min

Lab File: VX001716.D

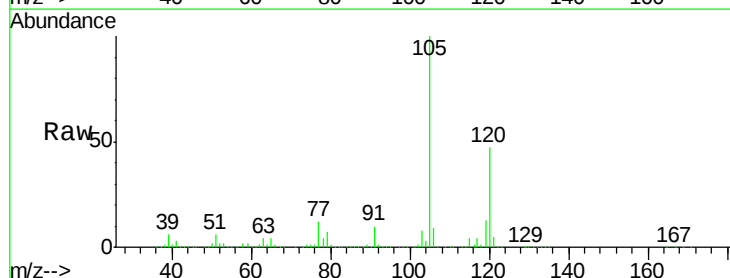
Acq: 14 May 2018 18:16

Tgt Ion:105 Resp: 736776

Ion Ratio Lower Upper

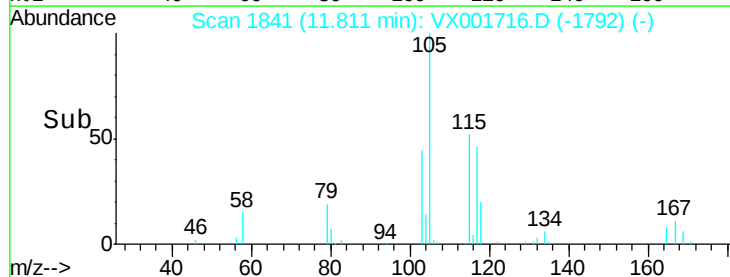
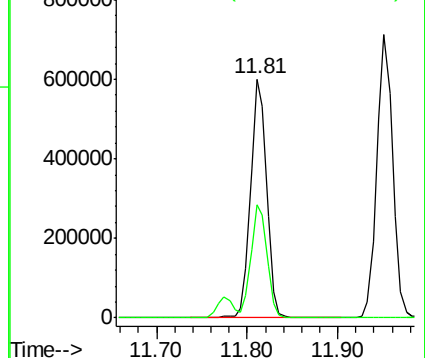
105 100

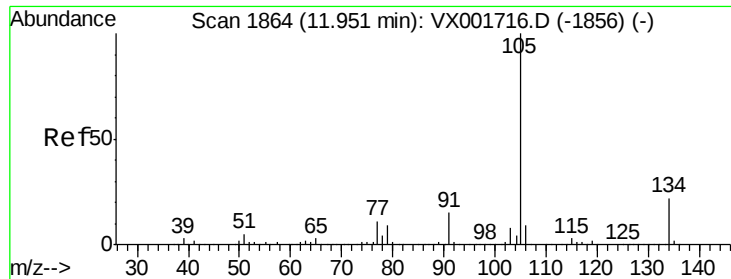
120 47.0 23.5 70.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

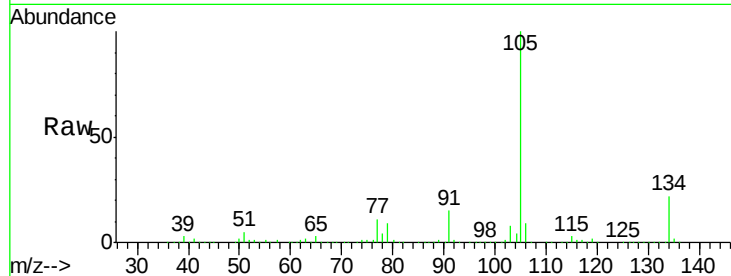




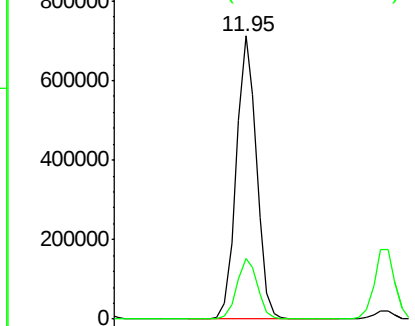
#85
 sec-Butylbenzene
 Concen: 49.70 ug/l
 RT: 11.95 min Scan# 1864
 Delta R.T. 0.00 min
 Lab File: VX001716.D
 Acq: 14 May 2018 18:16

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

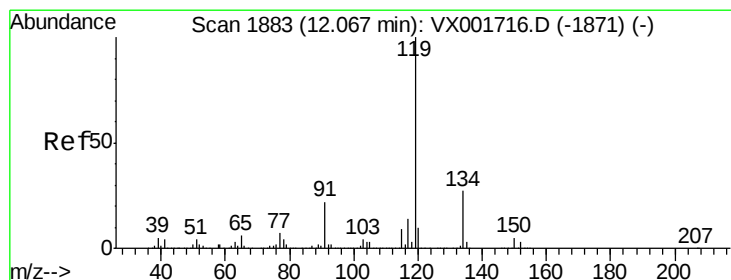
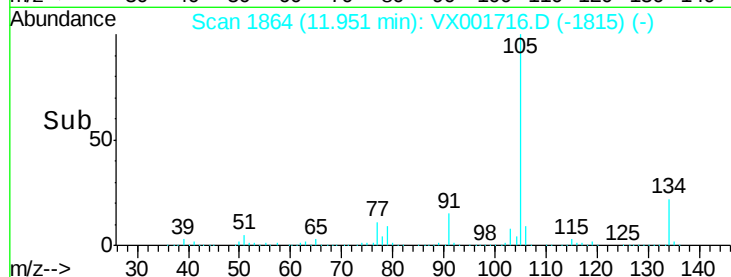
Tgt Ion:105 Resp: 862052
 Ion Ratio Lower Upper
 105 100
 134 21.7 10.9 32.6



Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 134.00 (133.70 to 134.70): V

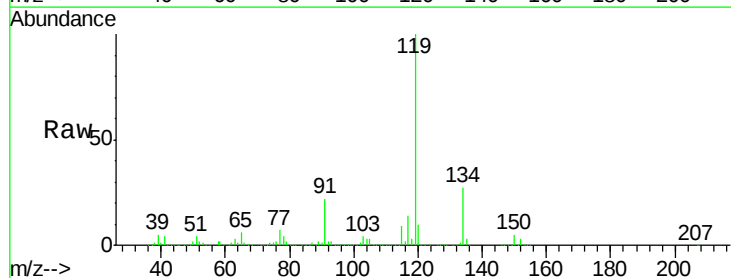


Time-->

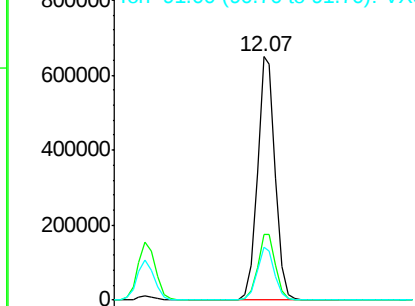


#86
 p-Isopropyltoluene
 Concen: 49.93 ug/l
 RT: 12.07 min Scan# 1883
 Delta R.T. 0.00 min
 Lab File: VX001716.D
 Acq: 14 May 2018 18:16

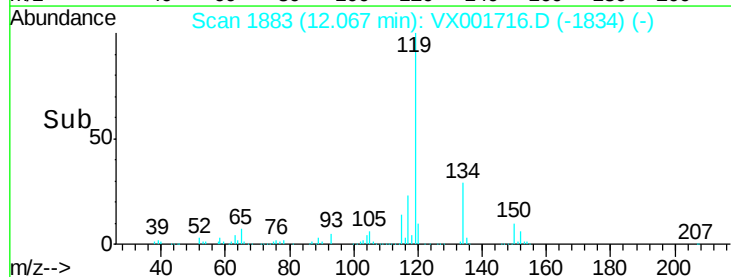
Tgt Ion:119 Resp: 792743
 Ion Ratio Lower Upper
 119 100
 134 27.2 13.6 40.8
 91 21.4 10.7 32.1



Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 134.00 (133.70 to 134.70): V
 Ion 91.00 (90.70 to 91.70): V



Time-->

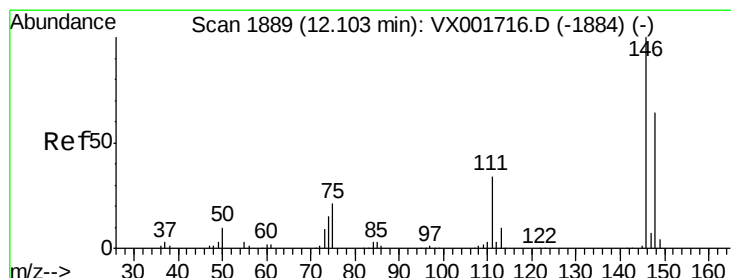
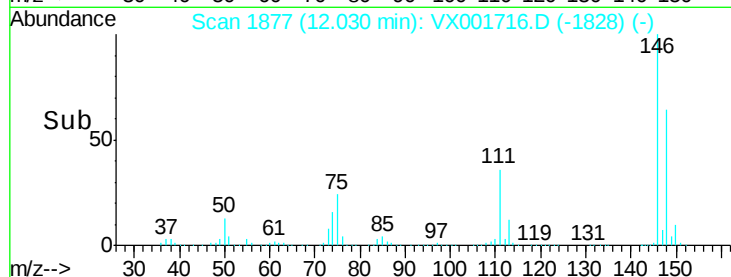
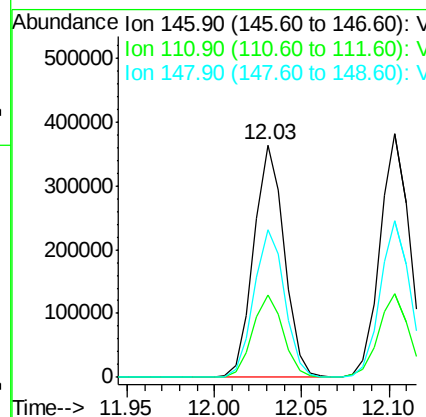
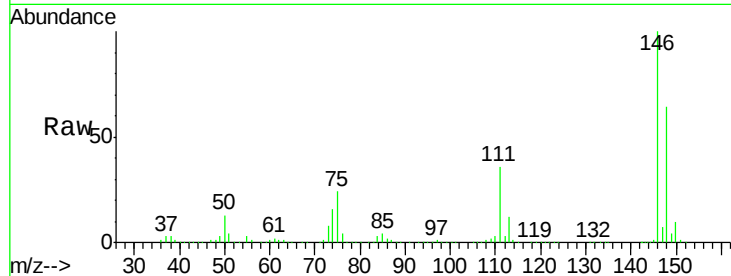




#87
 1,3-Dichlorobenzene
 Concen: 48.62 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. 0.00 min
 Lab File: VX001716.D
 Acq: 14 May 2018 18:16

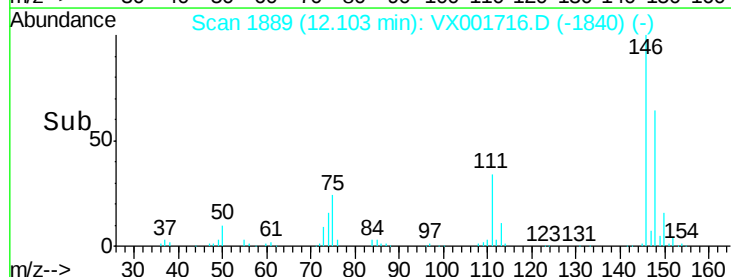
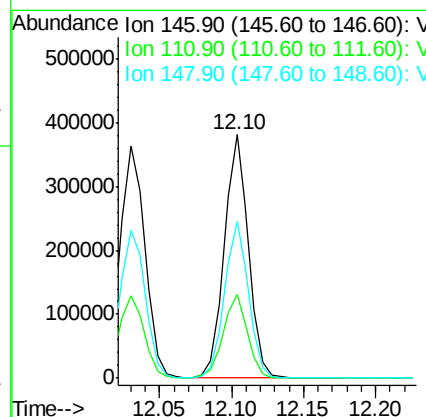
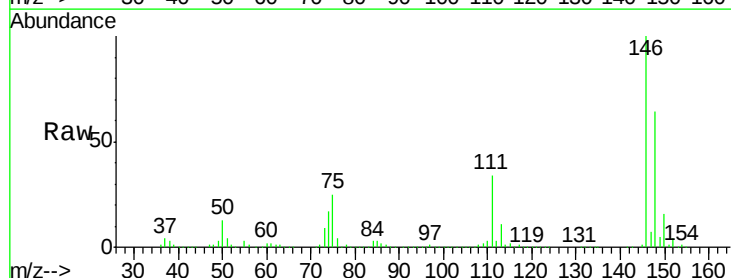
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

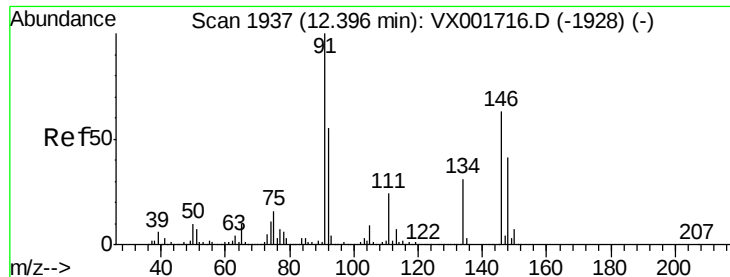
Tgt Ion:146 Resp: 441891
 Ion Ratio Lower Upper
 146 100
 111 35.6 17.8 53.4
 148 64.2 32.1 96.3



#88
 1,4-Dichlorobenzene
 Concen: 48.27 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. 0.00 min
 Lab File: VX001716.D
 Acq: 14 May 2018 18:16

Tgt Ion:146 Resp: 447638
 Ion Ratio Lower Upper
 146 100
 111 34.7 17.3 52.0
 148 64.6 32.3 96.9





#89

n-Butylbenzene

Concen: 51.43 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. 0.00 min

Lab File: VX001716.D

Acq: 14 May 2018 18:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

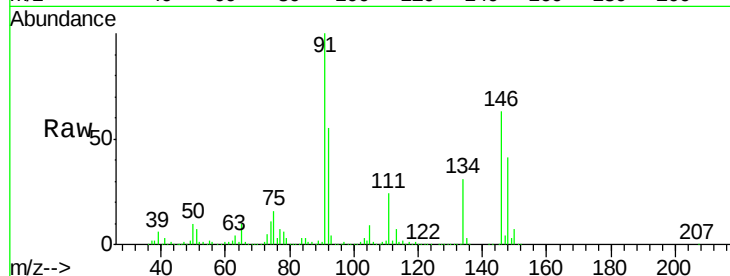
Tgt Ion: 91 Resp: 681083

Ion Ratio Lower Upper

91 100

92 54.6 27.3 81.9

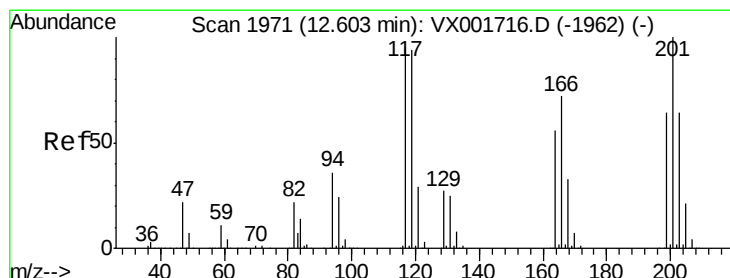
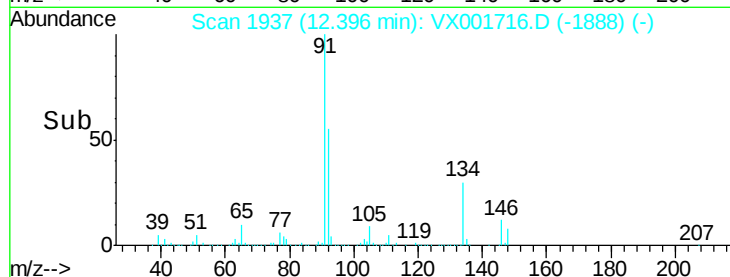
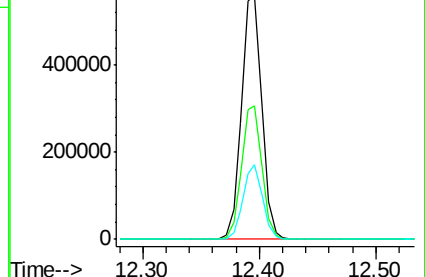
134 29.4 14.7 44.1



Abundance Ion 91.00 (90.70 to 91.70): VX001716.D (-1928) (-)

Ion 92.00 (91.70 to 92.70): VX001716.D (-1928) (-)

Ion 134.00 (133.70 to 134.70): VX001716.D (-1928) (-)



#90

Hexachloroethane

Concen: 52.42 ug/l

RT: 12.60 min Scan# 1971

Delta R.T. 0.00 min

Lab File: VX001716.D

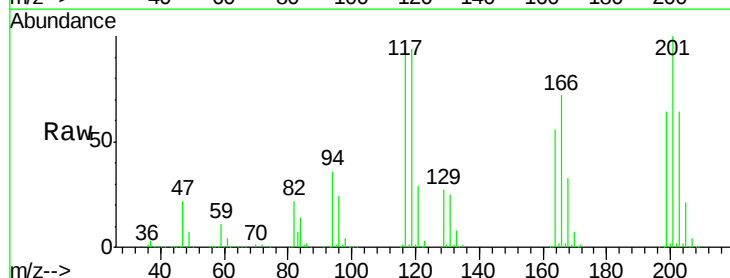
Acq: 14 May 2018 18:16

Tgt Ion: 117 Resp: 126685

Ion Ratio Lower Upper

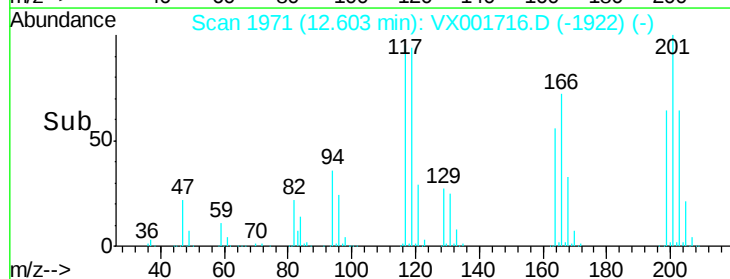
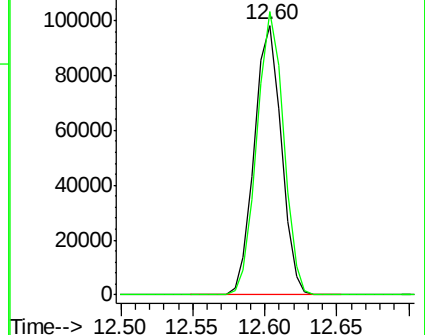
117 100

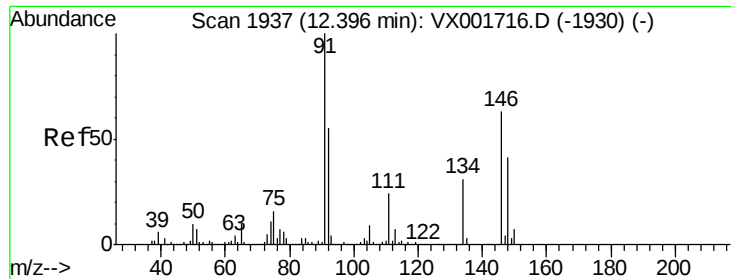
201 103.8 51.9 155.7



Abundance Ion 116.80 (116.50 to 117.50): VX001716.D (-1962) (-)

Ion 200.70 (200.40 to 201.40): VX001716.D (-1962) (-)

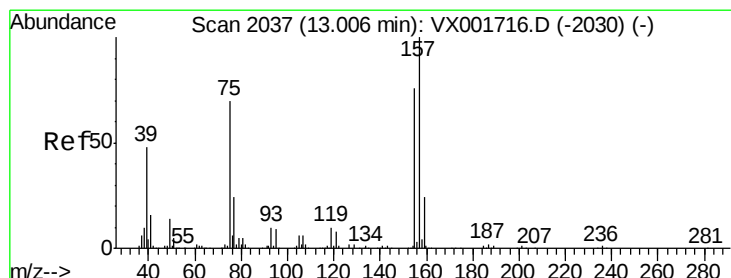
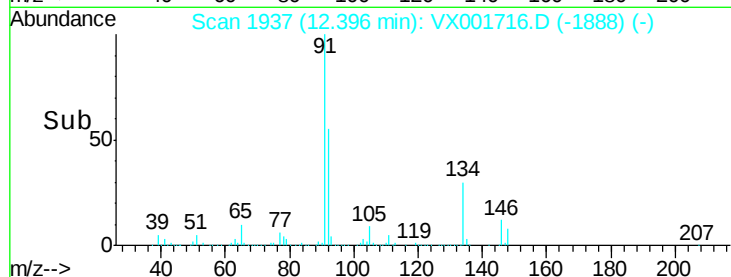
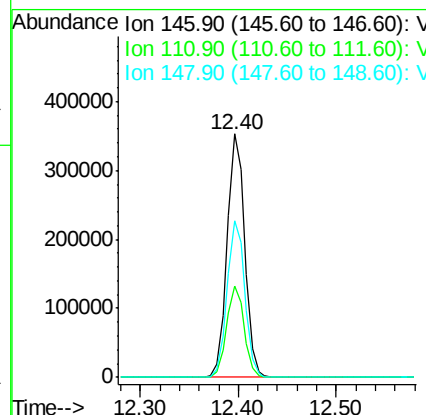
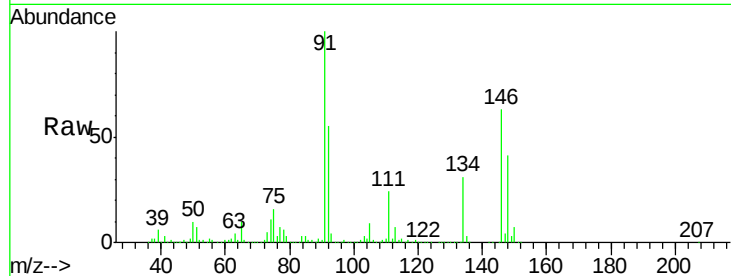




#91
 1,2-Dichlorobenzene
 Concen: 47.73 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. 0.00 min
 Lab File: VX001716.D
 Acq: 14 May 2018 18:16

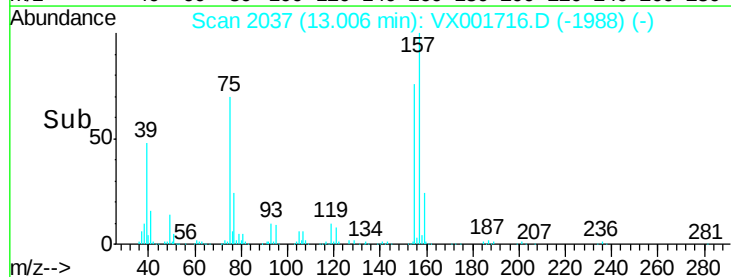
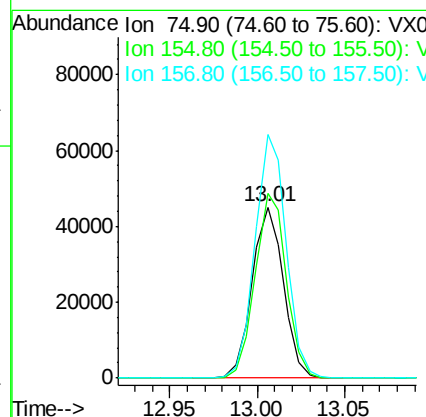
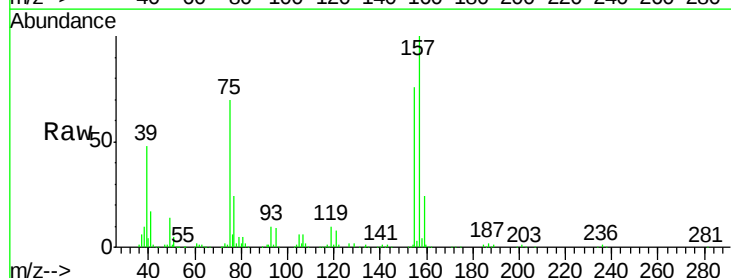
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tgt Ion:146 Resp: 440252
 Ion Ratio Lower Upper
 146 100
 111 37.3 18.6 56.0
 148 64.7 32.4 97.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 49.84 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. 0.00 min
 Lab File: VX001716.D
 Acq: 14 May 2018 18:16

Tgt Ion: 75 Resp: 56185
 Ion Ratio Lower Upper
 75 100
 155 107.9 53.9 161.8
 157 142.1 71.0 213.2

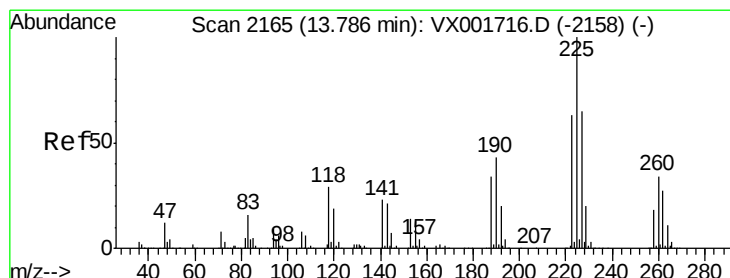
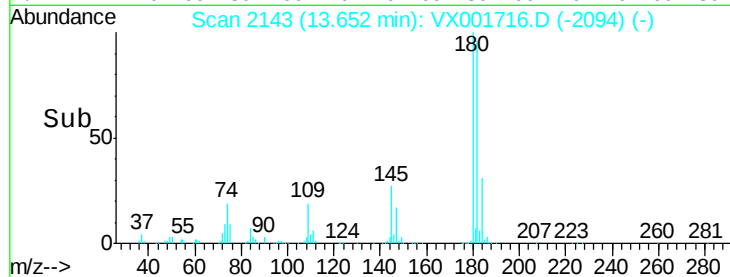
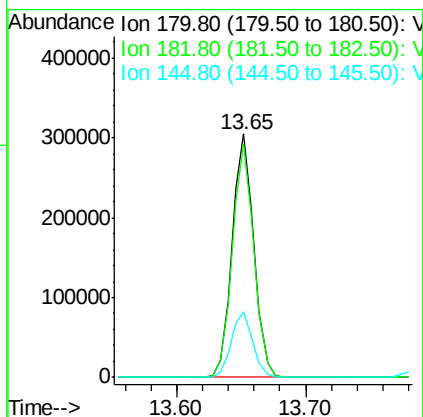
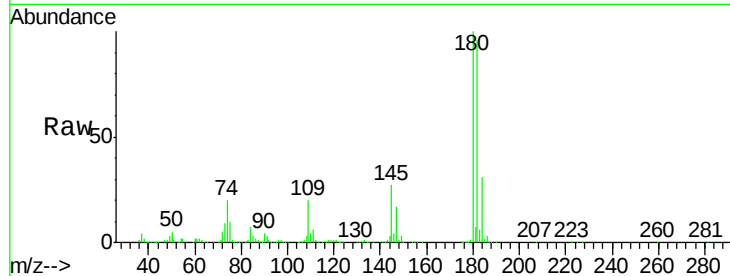




#93
 1,2,4-Trichlorobenzene
 Concen: 52.47 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: VX001716.D
 Acq: 14 May 2018 18:16

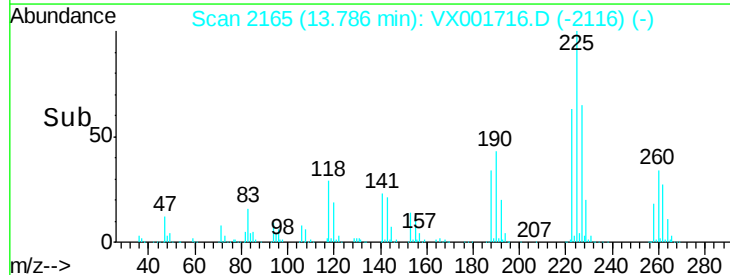
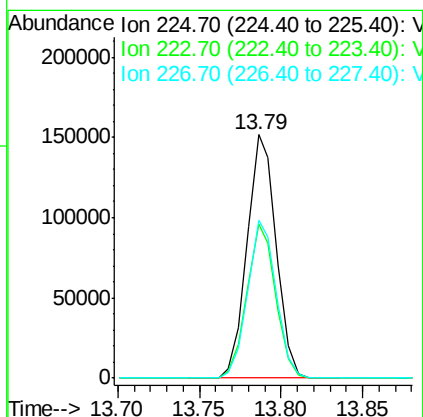
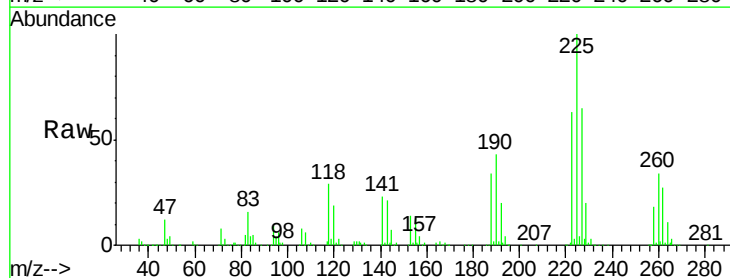
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

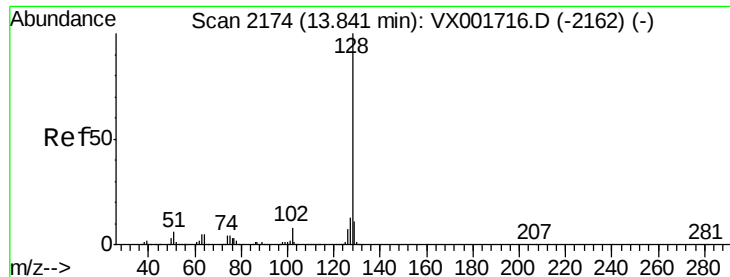
Tgt Ion:180 Resp: 358326
 Ion Ratio Lower Upper
 180 100
 182 95.3 47.6 142.9
 145 26.7 13.4 40.1



#94
 Hexachlorobutadiene
 Concen: 50.57 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VX001716.D
 Acq: 14 May 2018 18:16

Tgt Ion:225 Resp: 188771
 Ion Ratio Lower Upper
 225 100
 223 62.3 31.1 93.5
 227 63.7 31.9 95.5





#95

Naphthalene

Concen: 52.25 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. 0.00 min

Lab File: VX001716.D

Acq: 14 May 2018 18:16

Instrument :

MSVOA_X

ClientSampled :

VSTDICCC050

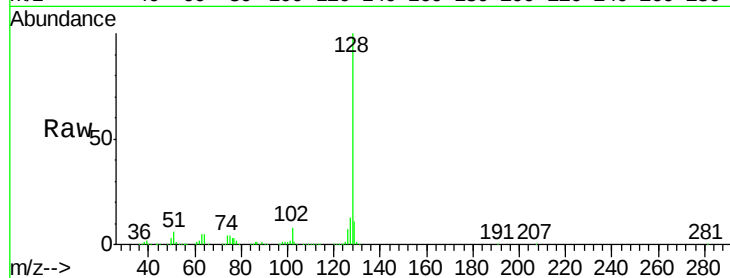
Tgt Ion:128 Resp: 980216

Ion Ratio Lower Upper

128 100

127 12.8 10.2 15.4

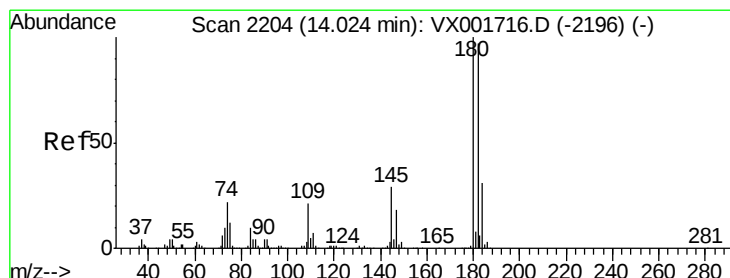
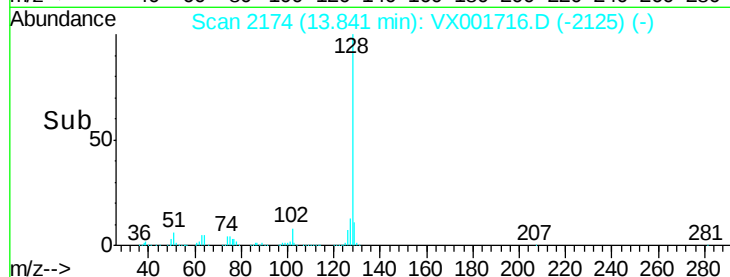
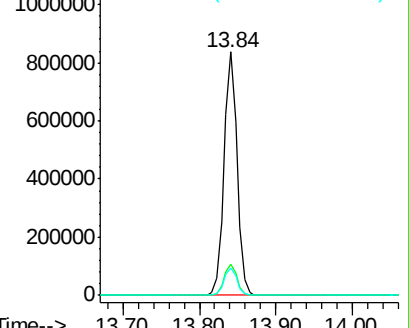
129 11.1 8.9 13.3



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: 51.24 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. 0.00 min

Lab File: VX001716.D

Acq: 14 May 2018 18:16

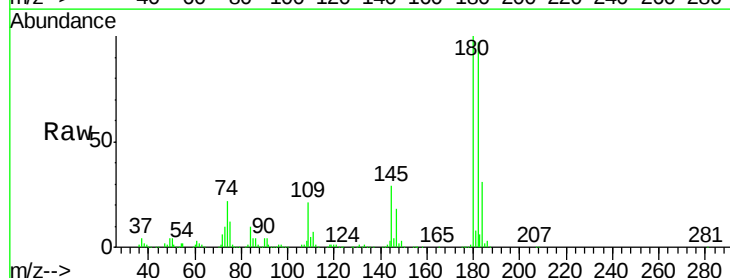
Tgt Ion:180 Resp: 357463

Ion Ratio Lower Upper

180 100

182 95.8 47.9 143.7

145 28.5 14.2 42.8



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

