

Data File : VX003392.D
Acq On : 16 Jul 2018 11:47
Operator : JC/MD
Sample : VSTDICCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Quant Time: Jul 17 01:31:03 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071618W.M
Quant Title : SW846 8260
QLast Update : Mon Jul 16 13:15:28 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	337110	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	469531	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	445090	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	272495	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	200689	45.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.92%	
35) Dibromofluoromethane	5.51	113	181942	47.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.78%	
50) Toluene-d8	8.72	98	697865	49.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.56%	
62) 4-Bromofluorobenzene	11.14	95	251367	50.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.44%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	187432	49.259	ug/l	99
3) Chloromethane	1.32	50	189967	46.130	ug/l	100
4) Vinyl Chloride	1.40	62	210661	46.942	ug/l	98
5) Bromomethane	1.64	94	82163	53.844	ug/l	99
6) Chloroethane	1.71	64	130026	52.463	ug/l	100
7) Trichlorofluoromethane	1.92	101	276804	46.498	ug/l	99
8) Diethyl Ether	2.19	74	117120	45.982	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	2.38	101	171576	45.630	ug/l	98
10) Methyl Iodide	2.51	142	206230	51.267	ug/l	93
11) Tert butyl alcohol	3.09	59	232532	234.211	ug/l	100
12) 1,1-Dichloroethene	2.37	96	163623	46.046	ug/l	87
13) Acrolein	2.30	56	105994	222.557	ug/l	99
14) Allyl chloride	2.73	41	299439	46.454	ug/l	86
15) Acrylonitrile	3.15	53	520804	228.961	ug/l	98
16) Acetone	2.45	43	417656	227.450	ug/l #	88
17) Carbon Disulfide	2.57	76	443370	45.474	ug/l	98
18) Methyl Acetate	2.78	43	297597	49.759	ug/l	95
19) Methyl tert-butyl Ether	3.21	73	547444	46.397	ug/l	100
20) Methylene Chloride	2.86	84	184824	56.060	ug/l	91
21) trans-1,2-Dichloroethene	3.17	96	175139	45.632	ug/l	90
22) Diisopropyl ether	3.88	45	562165	44.962	ug/l	96
23) Vinyl Acetate	3.83	43	2342221	227.142	ug/l	96
24) 1,1-Dichloroethane	3.70	63	324160	45.701	ug/l	100
25) 2-Butanone	4.73	43	686722	238.964	ug/l	91
26) 2,2-Dichloropropane	4.59	77	229230	46.042	ug/l	95
27) cis-1,2-Dichloroethene	4.60	96	196681	47.630	ug/l	88
28) Bromochloromethane	5.03	49	141536	45.961	ug/l	85
29) Tetrahydrofuran	5.18	42	443556	243.378	ug/l	91
30) Chloroform	5.22	83	314157	48.064	ug/l	96
31) Cyclohexane	5.57	56	270447	49.372	ug/l	96
32) 1,1,1-Trichloroethane	5.49	97	270488	48.657	ug/l	97
36) 1,1-Dichloropropene	5.80	75	234795	49.382	ug/l	98
37) Ethyl Acetate	4.88	43	252775	47.178	ug/l	95
38) Carbon Tetrachloride	5.79	117	240203	49.645	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	271444	49.873	ug/l	95
40) Benzene	6.15	78	724570	50.087	ug/l	100
41) Methacrylonitrile	5.07	41	143337	48.649	ug/l	91
42) 1,2-Dichloroethane	6.20	62	234877	47.343	ug/l	94
43) Isopropyl Acetate	6.48	43	395867	48.954	ug/l #	92
44) Trichloroethene	7.22	130	212604	50.732	ug/l	97
45) 1,2-Dichloropropane	7.52	63	187202	49.746	ug/l	99
46) Dibromomethane	7.67	93	124263	49.592	ug/l	94
47) Bromodichloromethane	7.90	83	231884	50.535	ug/l	100
48) Methyl methacrylate	7.79	41	206883	50.147	ug/l #	83
49) 1,4-Dioxane	7.77	88	98263	1040.275	ug/l #	93
51) 4-Methyl-2-Pentanone	8.66	43	1352105	254.004	ug/l	91
52) Toluene	8.79	92	464026	51.231	ug/l	98
53) t-1,3-Dichloropropene	8.44	75	285900	52.769	ug/l	99
54) cis-1,3-Dichloropropene	9.05	75	257646	52.106	ug/l #	86
55) 1,1,2-Trichloroethane	9.22	97	190592	50.364	ug/l	99
56) Ethyl methacrylate	9.19	69	280311	52.315	ug/l #	82
57) 1,3-Dichloropropane	9.38	76	308297	50.703	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	709615	264.108	ug/l	96
59) 2-Hexanone	9.51	43	1038554	253.933	ug/l	88
60) Dibromochloromethane	9.59	129	197019	52.398	ug/l	100
61) 1,2-Dibromoethane	9.68	107	198686	50.935	ug/l	99
64) Tetrachloroethene	9.34	164	237892	51.087	ug/l	100
65) Chlorobenzene	10.14	112	530427	50.448	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	192581	51.526	ug/l	99
67) Ethyl Benzene	10.26	91	879433	51.175	ug/l	100
68) m/p-Xylenes	10.37	106	693559	104.333	ug/l	96
69) o-Xylene	10.70	106	338754	53.055	ug/l	95
70) Styrene	10.71	104	563029	53.581	ug/l	97
71) Bromoform	10.86	173	160311	53.320	ug/l	99
73) Isopropylbenzene	11.02	105	896186	51.364	ug/l	99
74) N-amyl acetate	6.48	43	395867	47.178	ug/l #	92
75) 1,1,2,2-Tetrachloroethane	11.27	83	279742	48.571	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	333094	67.522	ug/l	80
77) Bromobenzene	11.26	156	251262	50.704	ug/l	96
78) n-propylbenzene	11.37	91	1009329	51.780	ug/l	98
79) 2-Chlorotoluene	11.43	91	598491	50.081	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	749056	52.555	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.08	75	81262	53.515	ug/l	88
82) 4-Chlorotoluene	11.51	91	699666	50.180	ug/l	97
83) tert-Butylbenzene	11.77	119	729533	52.372	ug/l	95
84) 1,2,4-Trimethylbenzene	11.81	105	768031	52.455	ug/l	97
85) sec-Butylbenzene	11.95	105	881376	52.157	ug/l	99
86) p-Isopropyltoluene	12.07	119	797218	52.999	ug/l	98
87) 1,3-Dichlorobenzene	12.03	146	453408	49.990	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	453480	49.238	ug/l	99
89) n-Butylbenzene	12.39	91	667362	52.082	ug/l	98
90) Hexachloroethane	12.60	117	116253	51.007	ug/l	97
91) 1,2-Dichlorobenzene	12.40	146	458139	50.292	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	61353	51.207	ug/l	86

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX071618\
Quantitation Report (Not Reviewed)

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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	329268	52.824	ug/l	100
94) Hexachlorobutadiene	13.79	225	156327	52.101	ug/l	99
95) Naphthalene	13.84	128	992746	55.565	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	338426	52.784	ug/l	100

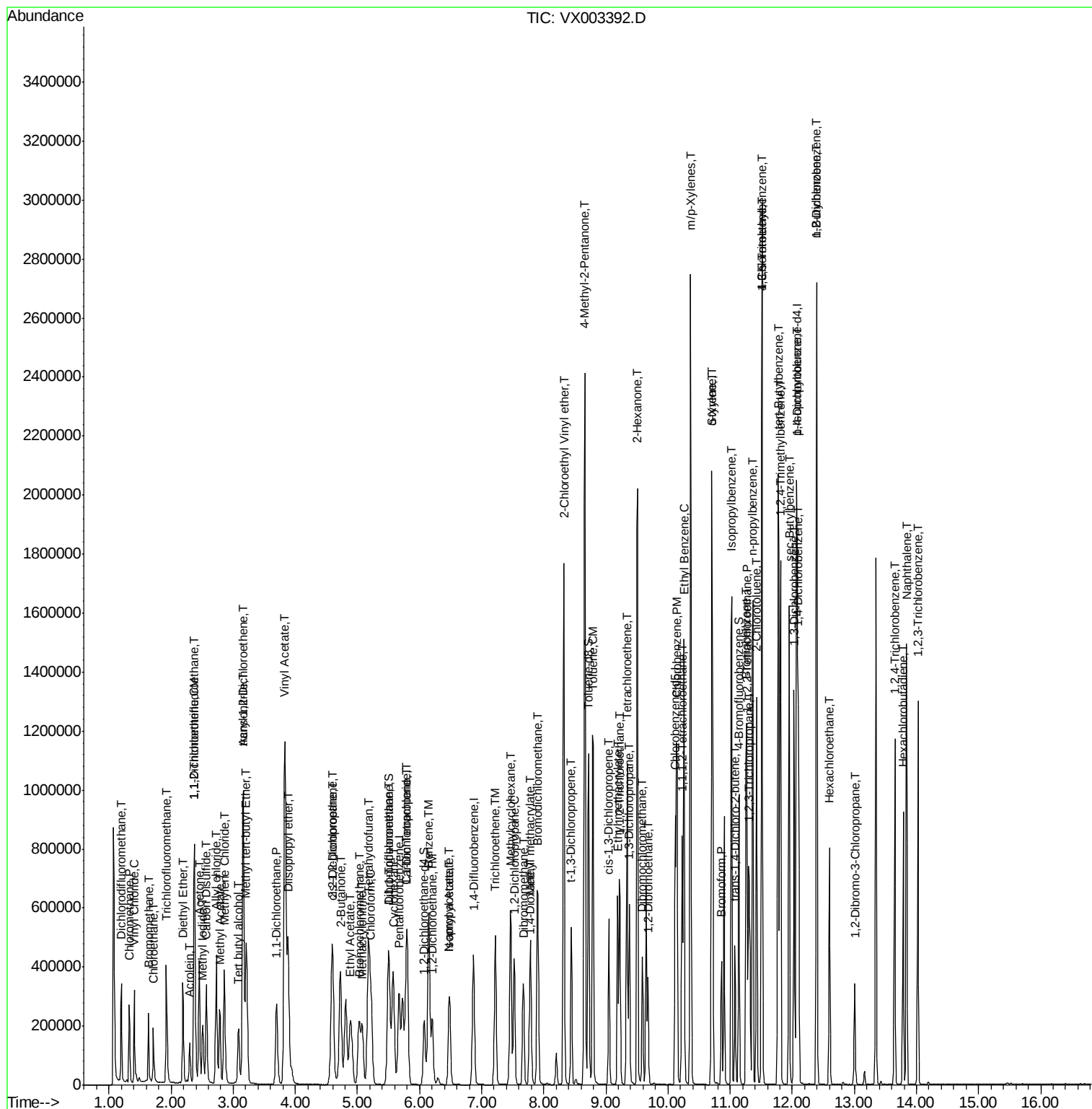
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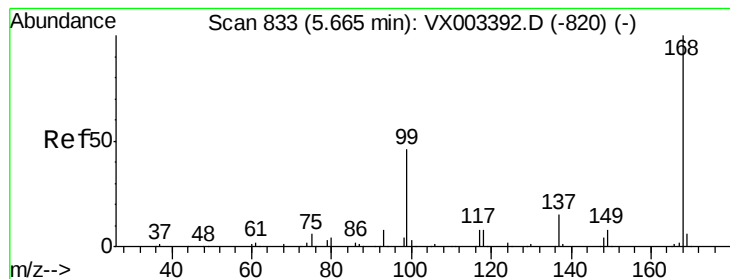
Data File : VX003392.D

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Acq On       : 16 Jul 2018   11:47
Operator     : JC/MD
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Instrument :
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ClientSampleId :
VSTDICCC050

Quant Time: Jul 17 01:31:03 2018
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 833

Delta R.T. 0.00 min

Lab File: VX003392.D

Acq: 16 Jul 2018 11:47

Instrument :

MSVOA_X

ClientSampleId :

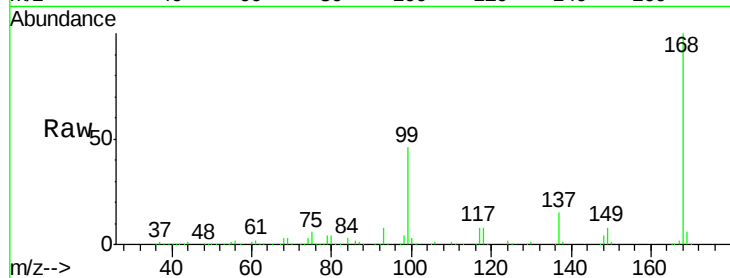
VSTDICCC050

Tgt Ion:168 Resp: 337110

Ion Ratio Lower Upper

168 100

99 45.9 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

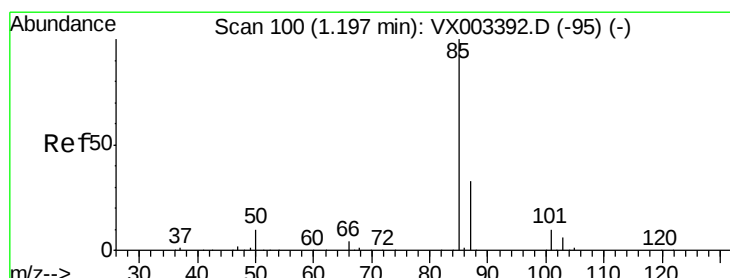
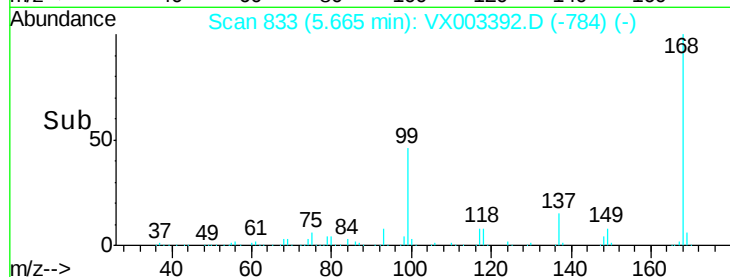
5.67

100000

50000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 49.259 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX003392.D

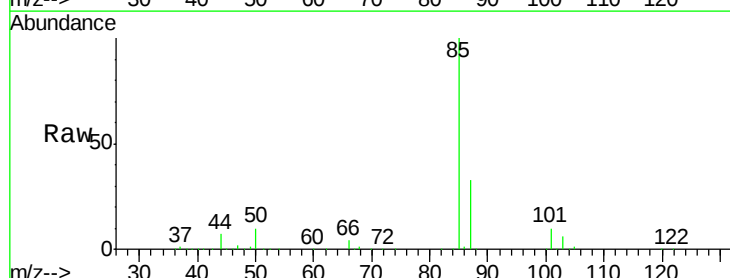
Acq: 16 Jul 2018 11:47

Tgt Ion: 85 Resp: 187432

Ion Ratio Lower Upper

85 100

87 32.7 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

200000

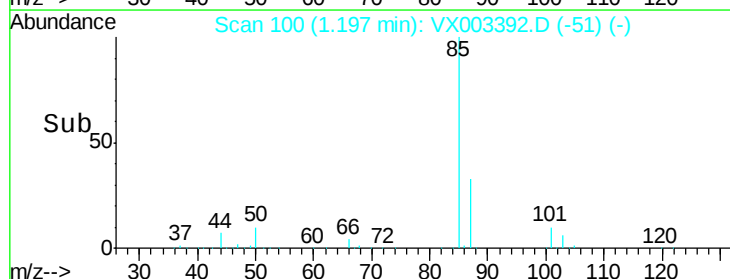
150000

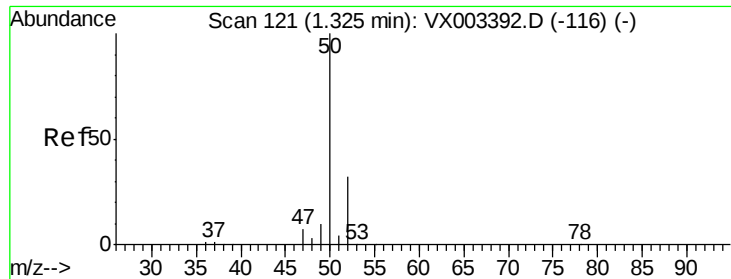
100000

50000

0

Time--> 1.10 1.20 1.30





#3

Chloromethane

Concen: 46.130 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX003392.D

Acq: 16 Jul 2018 11:47

Instrument :

MSVOA_X

ClientSampleId :

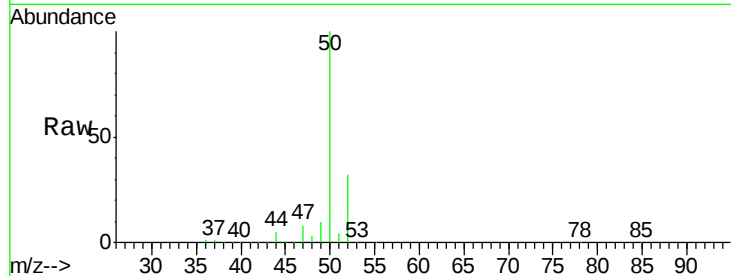
VSTDICCC050

Tgt Ion: 50 Resp: 189967

Ion Ratio Lower Upper

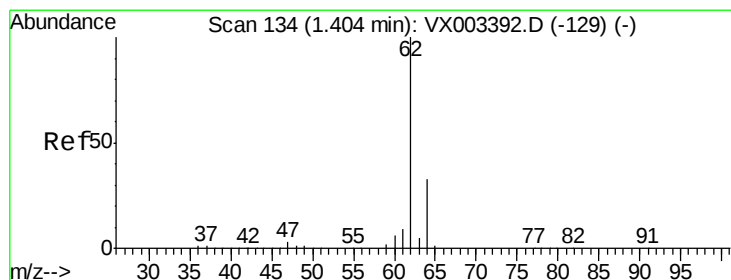
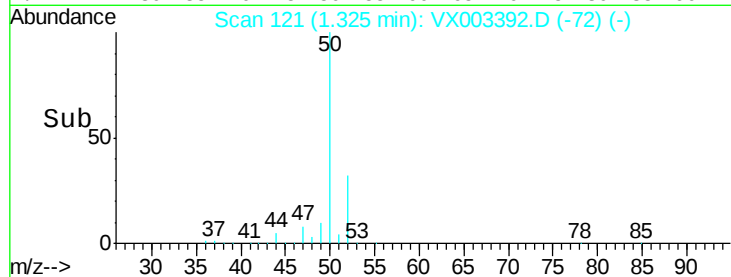
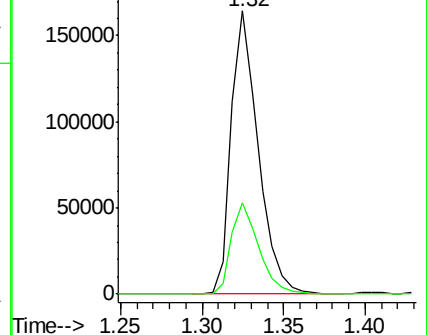
50 100

52 32.1 25.7 38.5



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 46.942 ug/l

RT: 1.40 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX003392.D

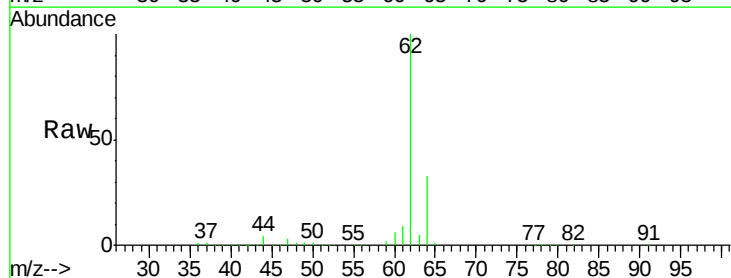
Acq: 16 Jul 2018 11:47

Tgt Ion: 62 Resp: 210661

Ion Ratio Lower Upper

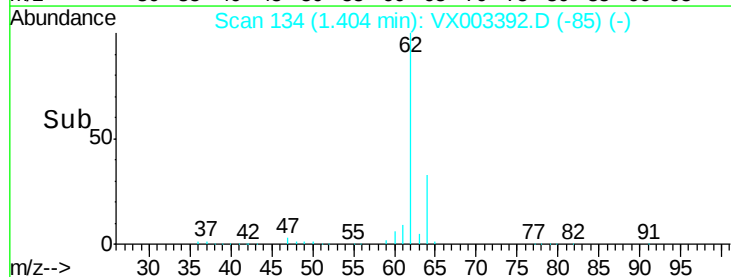
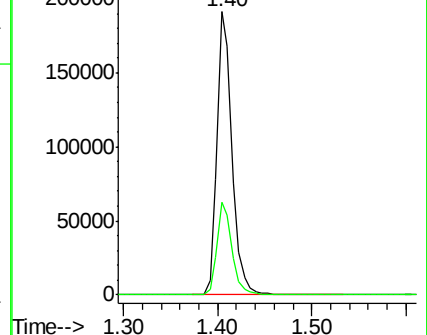
62 100

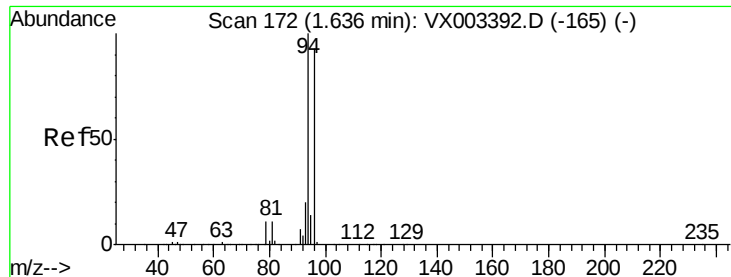
64 32.7 25.4 38.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 53.844 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX003392.D

Acq: 16 Jul 2018 11:47

Instrument :

MSVOA_X

ClientSampleId :

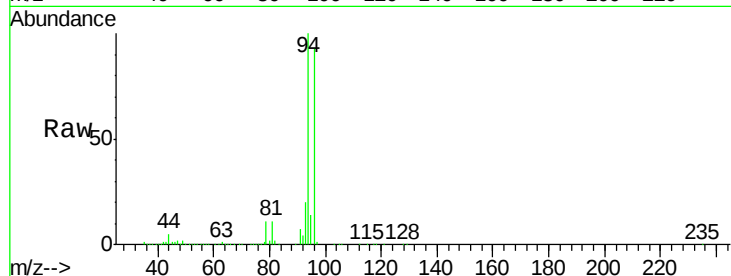
VSTDICCC050

Tgt Ion: 94 Resp: 82163

Ion Ratio Lower Upper

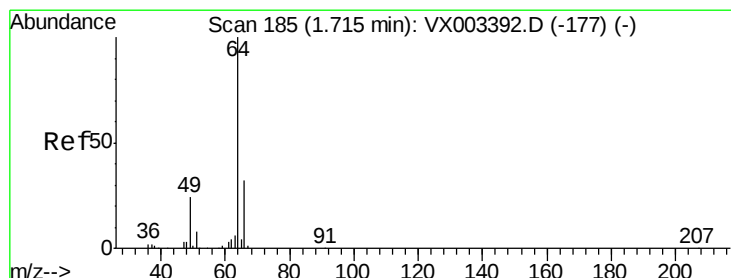
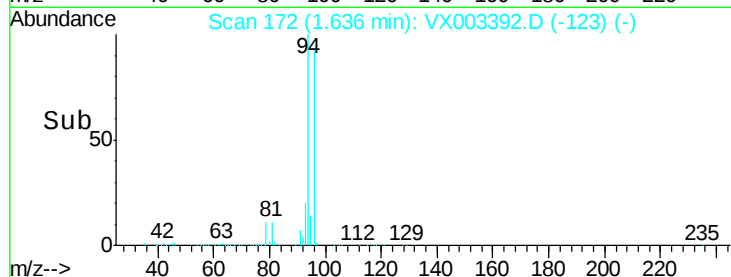
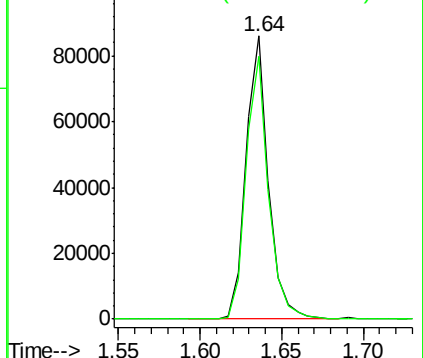
94 100

96 92.9 74.9 112.3



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 52.463 ug/l

RT: 1.71 min Scan# 185

Delta R.T. 0.00 min

Lab File: VX003392.D

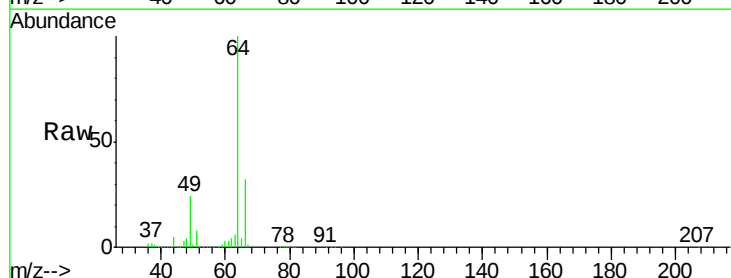
Acq: 16 Jul 2018 11:47

Tgt Ion: 64 Resp: 130026

Ion Ratio Lower Upper

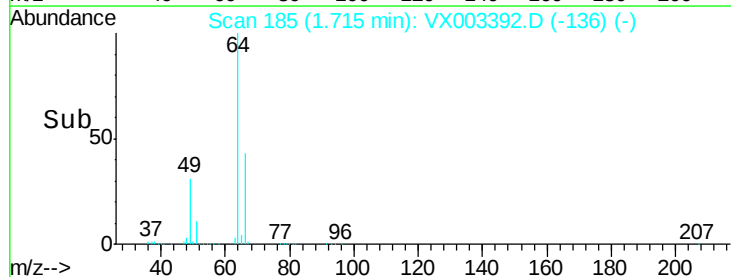
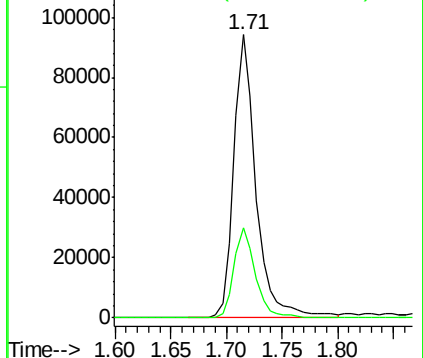
64 100

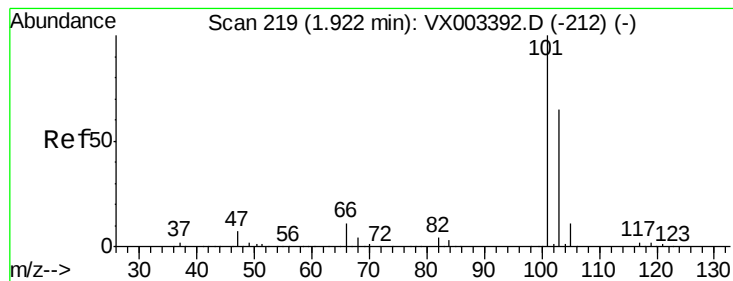
66 31.8 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



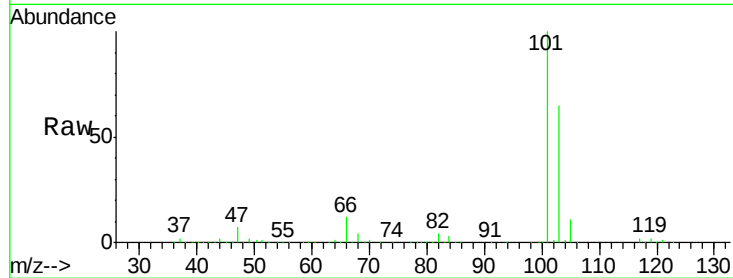


#7

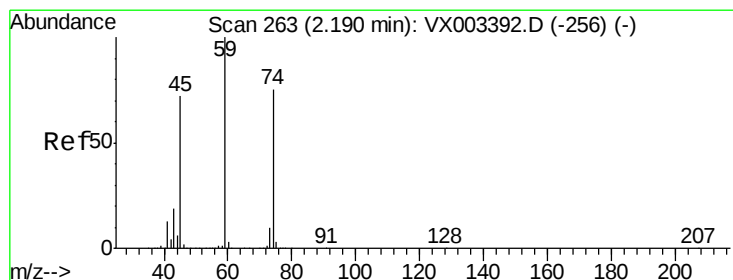
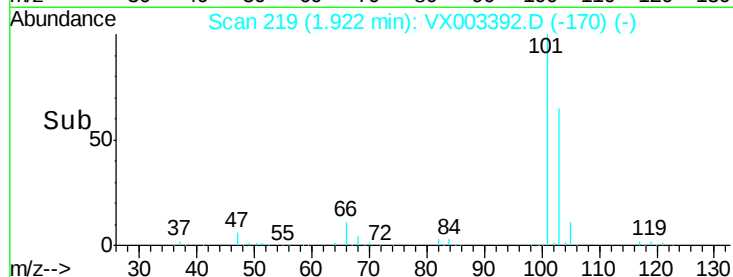
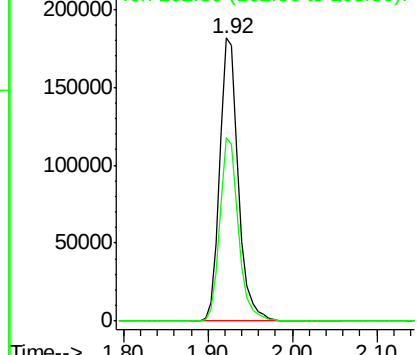
Trichlorofluoromethane
Concen: 46.498 ug/l
RT: 1.92 min Scan# 219
Delta R.T. 0.00 min
Lab File: VX003392.D
Acq: 16 Jul 2018 11:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 101 Resp: 276804
Ion Ratio Lower Upper
101 100
103 64.9 52.8 79.2



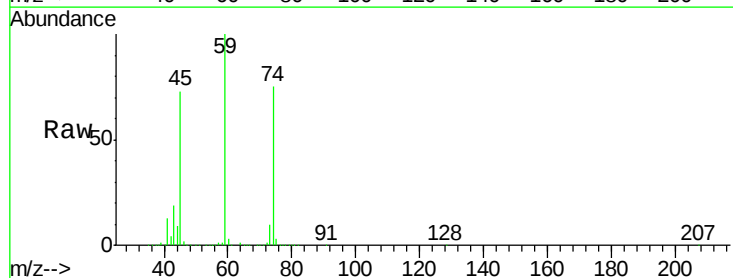
Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



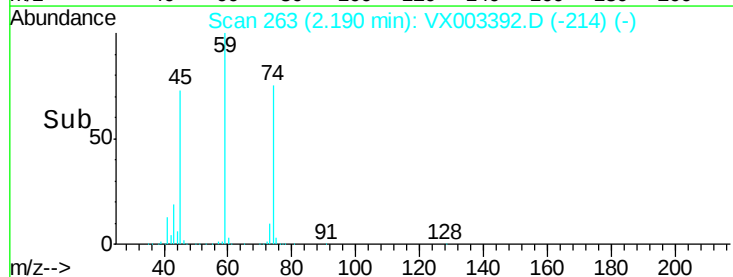
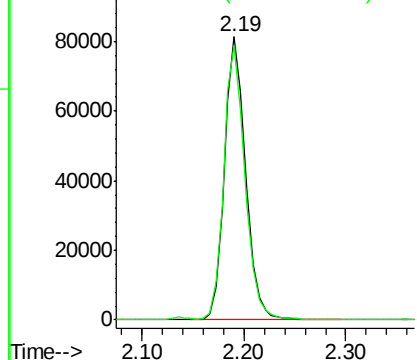
#8

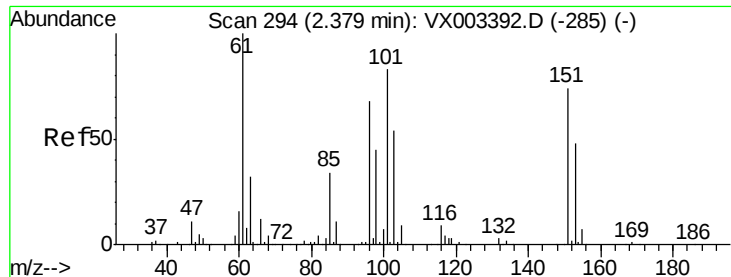
Diethyl Ether
Concen: 45.982 ug/l
RT: 2.19 min Scan# 263
Delta R.T. 0.00 min
Lab File: VX003392.D
Acq: 16 Jul 2018 11:47

Tgt Ion: 74 Resp: 117120
Ion Ratio Lower Upper
74 100
45 96.6 53.1 159.4



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





#9

1,1,2-Trichlorotrifluoroethane

Concen: 45.630 ug/l

RT: 2.38 min Scan# 294

Delta R.T. 0.00 min

Lab File: VX003392.D

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VSTDICCC050

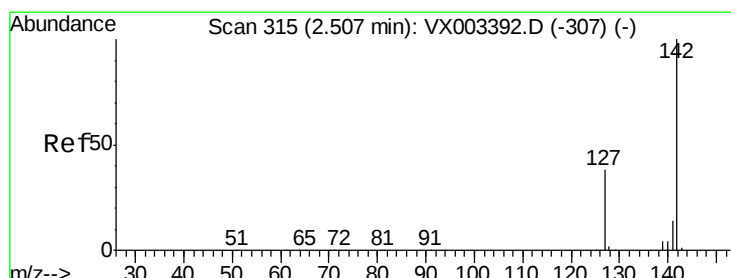
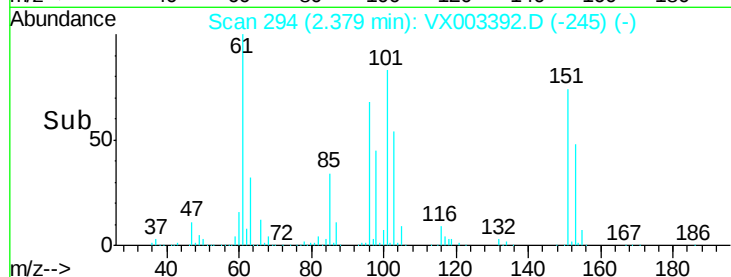
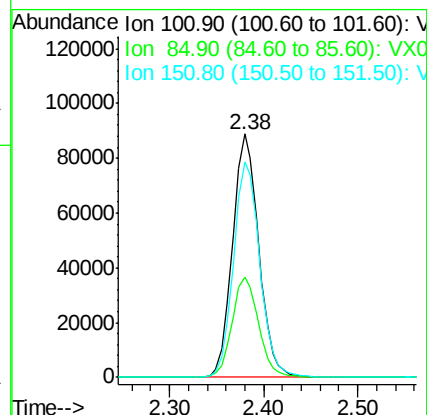
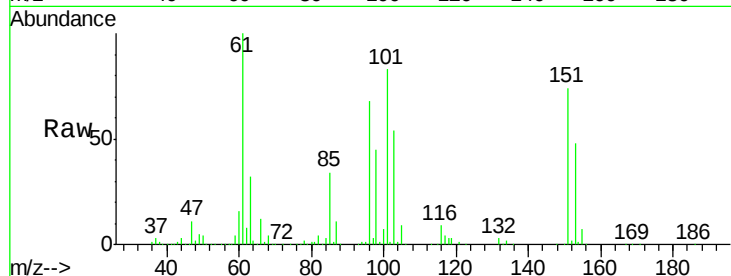
Tgt Ion:101 Resp: 171576

Ion Ratio Lower Upper

101 100

85 41.5 36.0 54.0

151 88.9 70.9 106.3



#10

Methyl Iodide

Concen: 51.267 ug/l

RT: 2.51 min Scan# 315

Delta R.T. 0.00 min

Lab File: VX003392.D

Acq: 16 Jul 2018 11:47

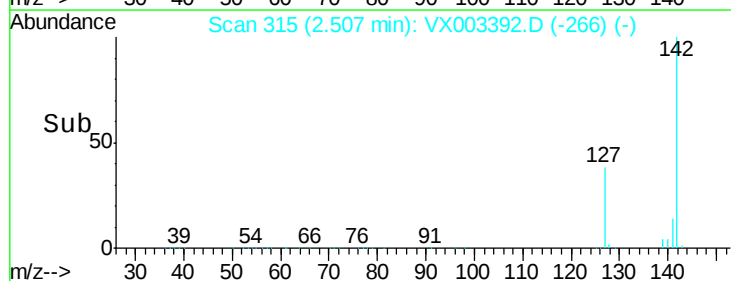
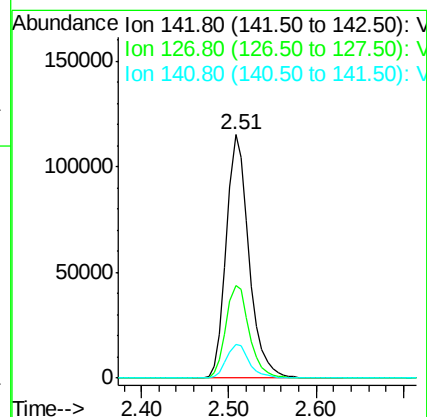
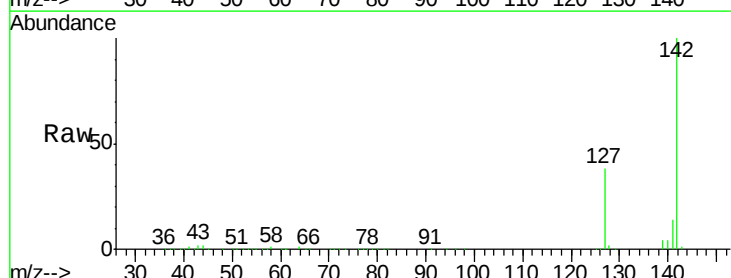
Tgt Ion:142 Resp: 206230

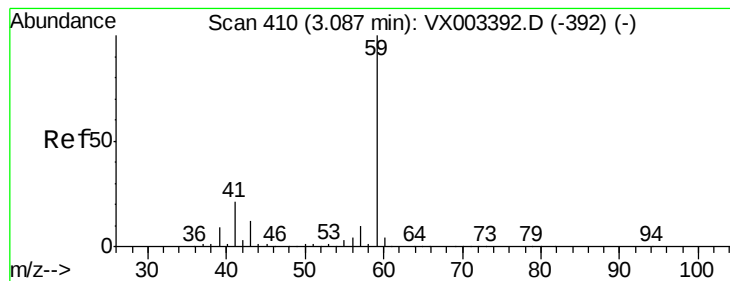
Ion Ratio Lower Upper

142 100

127 39.6 36.6 55.0

141 13.9 11.3 16.9



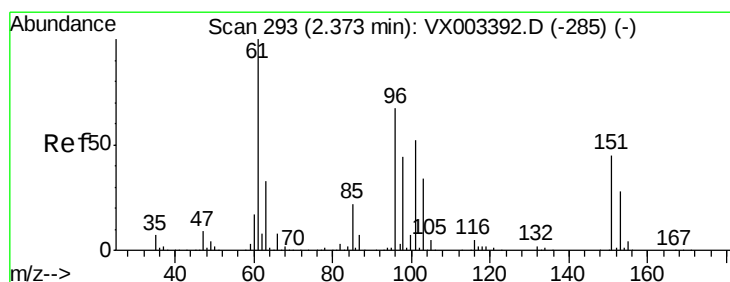
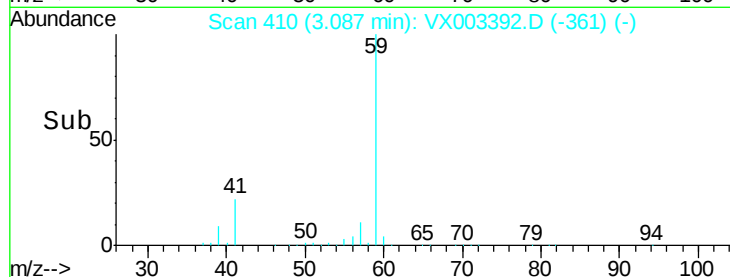
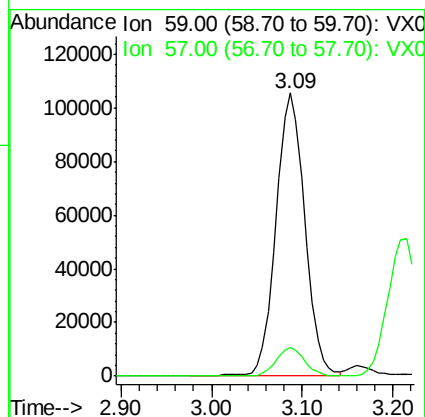
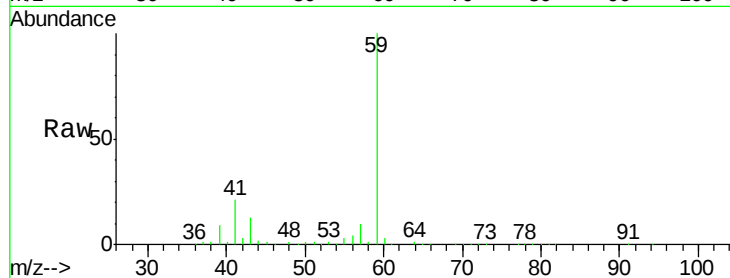


#11

Tert butyl alcohol
Concen: 234.211 ug/l
RT: 3.09 min Scan# 410
Delta R.T. 0.00 min
Lab File: VX003392.D
Acq: 16 Jul 2018 11:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

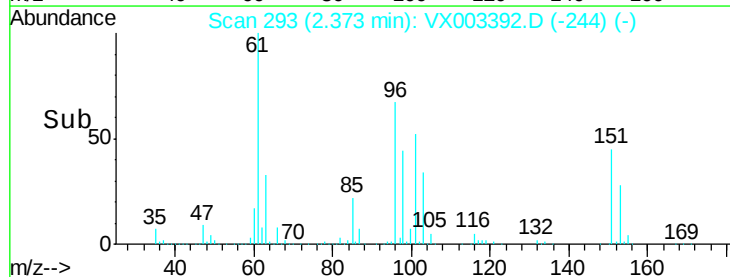
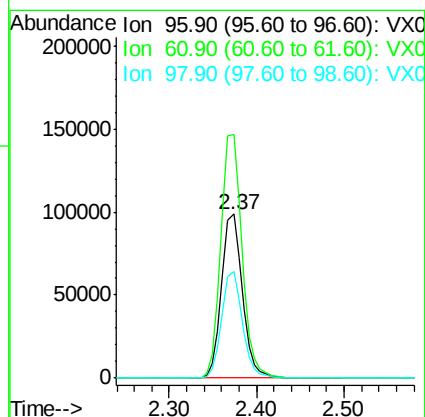
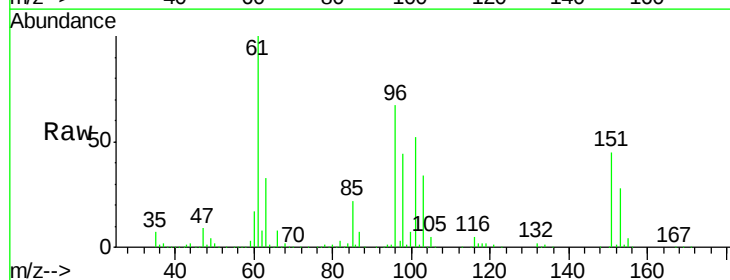
Tgt Ion: 59 Resp: 232532
Ion Ratio Lower Upper
59 100
57 10.1 8.2 12.2

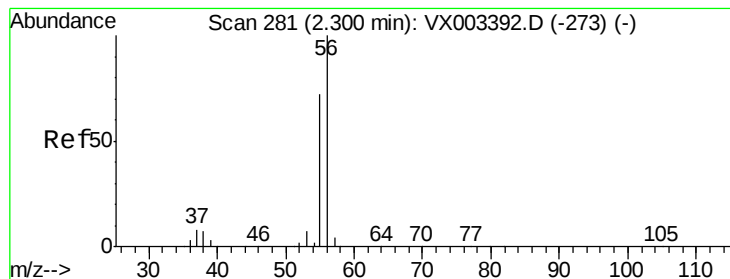


#12

1,1-Dichloroethene
Concen: 46.046 ug/l
RT: 2.37 min Scan# 293
Delta R.T. 0.00 min
Lab File: VX003392.D
Acq: 16 Jul 2018 11:47

Tgt Ion: 96 Resp: 163623
Ion Ratio Lower Upper
96 100
61 148.7 137.9 206.9
98 64.9 51.6 77.4





#13

Acrolein

Concen: 222.557 ug/l

RT: 2.30 min Scan# 281

Delta R.T. 0.00 min

Lab File: VX003392.D

Acq: 16 Jul 2018 11:47

Instrument :

MSVOA_X

ClientSampleId :

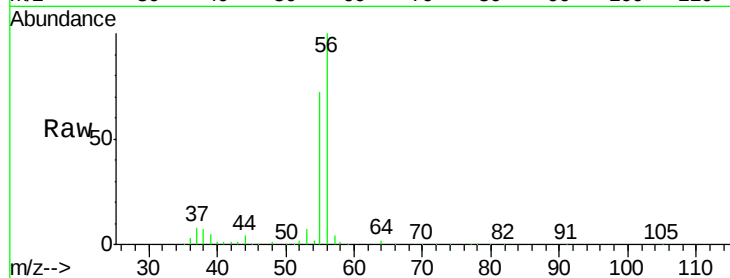
VSTDICCC050

Tgt Ion: 56 Resp: 105994

Ion Ratio Lower Upper

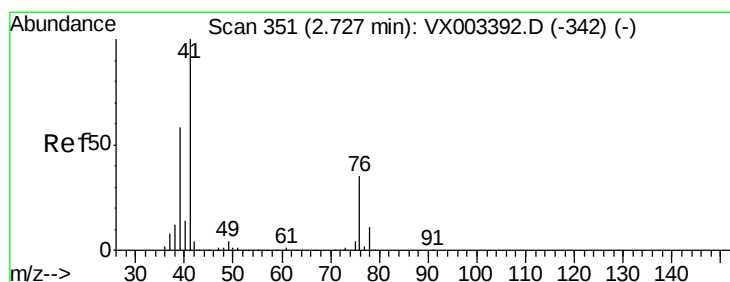
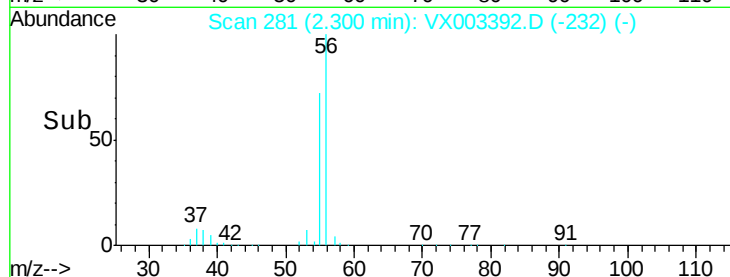
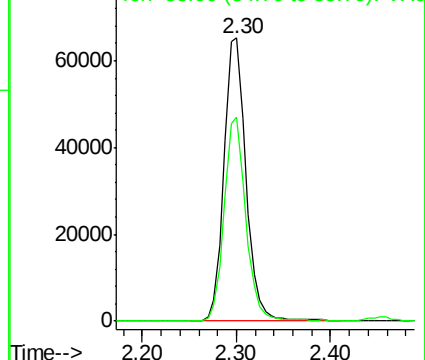
56 100

55 70.4 57.0 85.4



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 46.454 ug/l

RT: 2.73 min Scan# 351

Delta R.T. 0.00 min

Lab File: VX003392.D

Acq: 16 Jul 2018 11:47

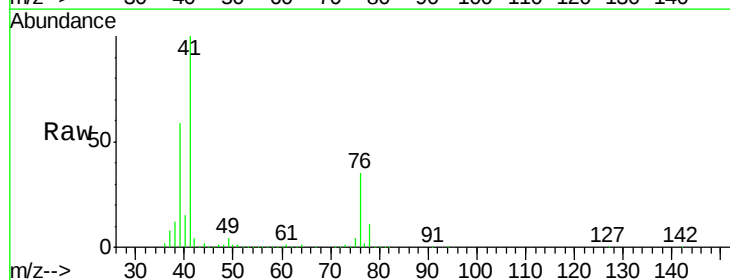
Tgt Ion: 41 Resp: 299439

Ion Ratio Lower Upper

41 100

39 57.1 56.8 85.2

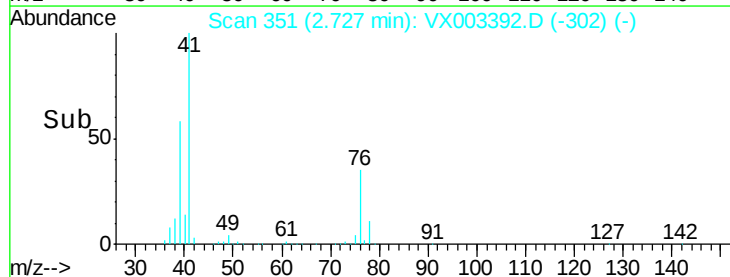
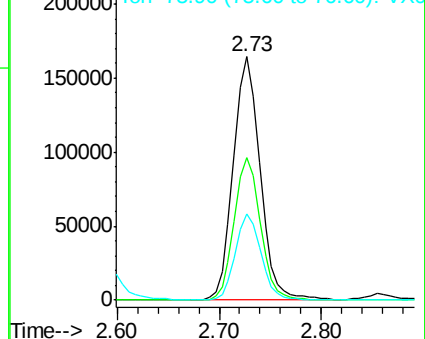
76 33.8 23.8 35.8

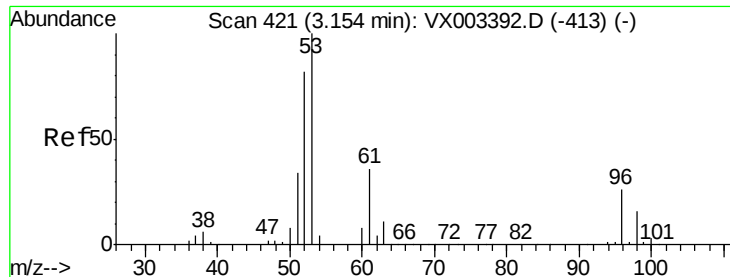


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 228.961 ug/l

RT: 3.15 min Scan# 421

Delta R.T. 0.00 min

Lab File: VX003392.D

Acq: 16 Jul 2018 11:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

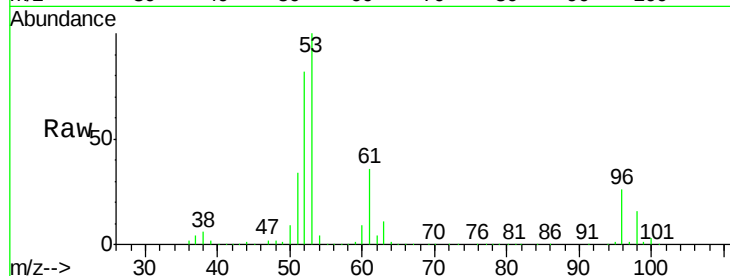
Tgt Ion: 53 Resp: 520804

Ion Ratio Lower Upper

53 100

52 82.5 66.7 100.1

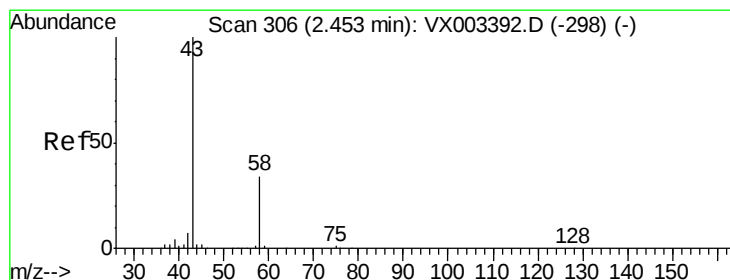
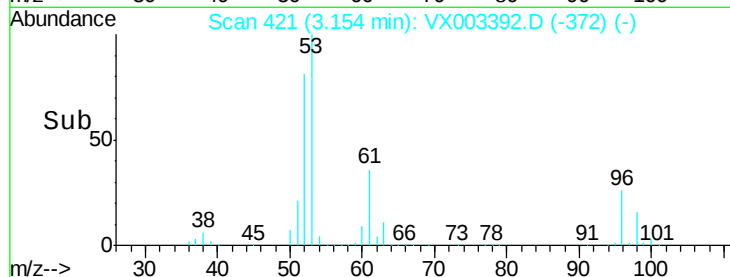
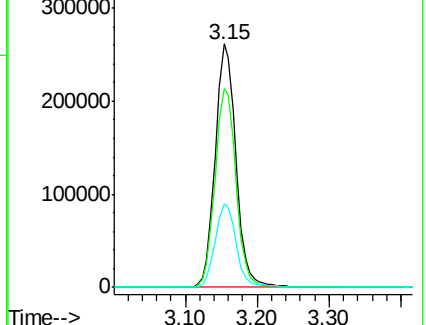
51 35.2 29.9 44.9



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 227.450 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.00 min

Lab File: VX003392.D

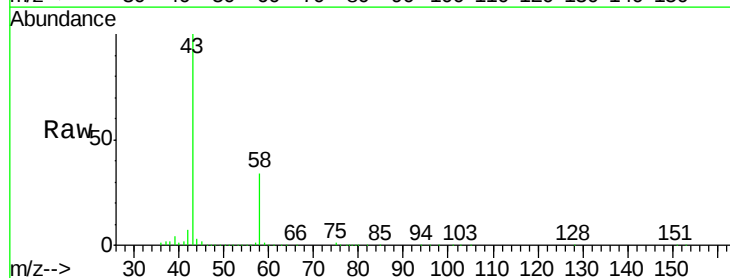
Acq: 16 Jul 2018 11:47

Tgt Ion: 43 Resp: 417656

Ion Ratio Lower Upper

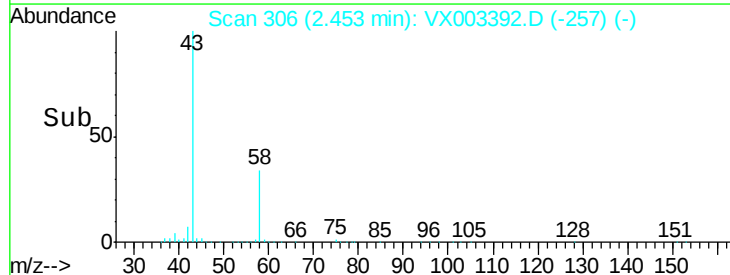
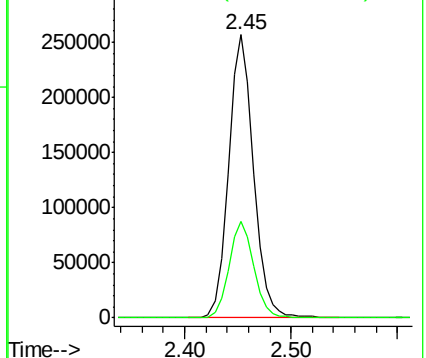
43 100

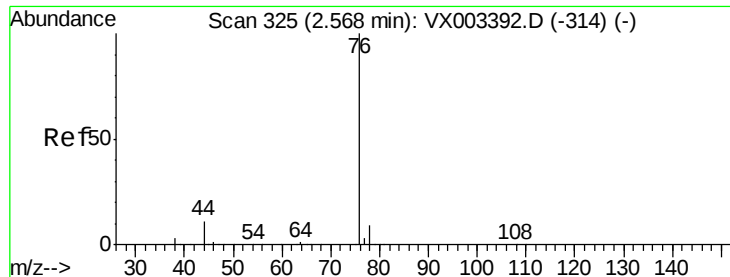
58 34.1 22.1 33.1#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

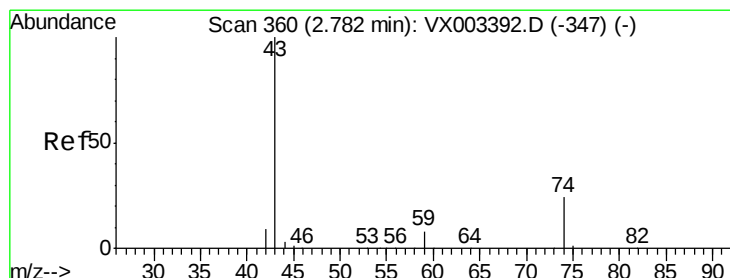
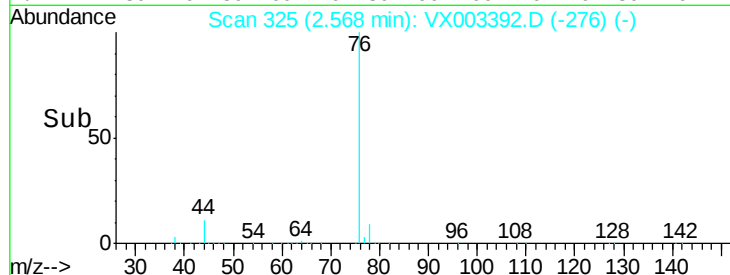
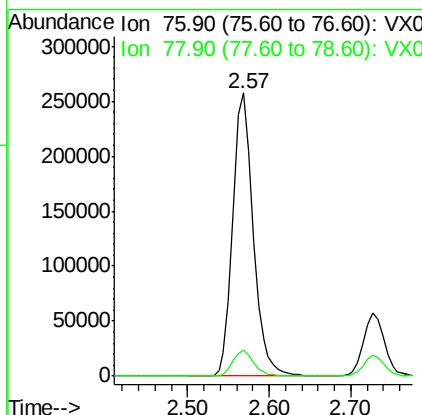
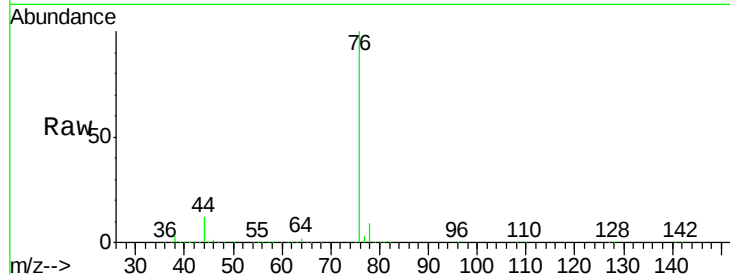




#17
Carbon Disulfide
Concen: 45.474 ug/l
RT: 2.57 min Scan# 325
Delta R.T. 0.00 min
Lab File: VX003392.D
Acq: 16 Jul 2018 11:47

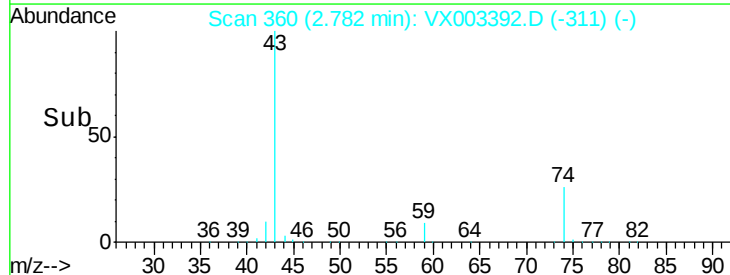
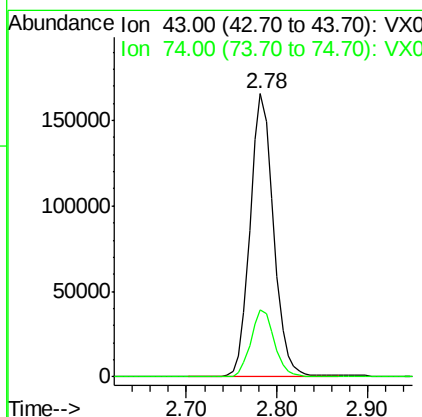
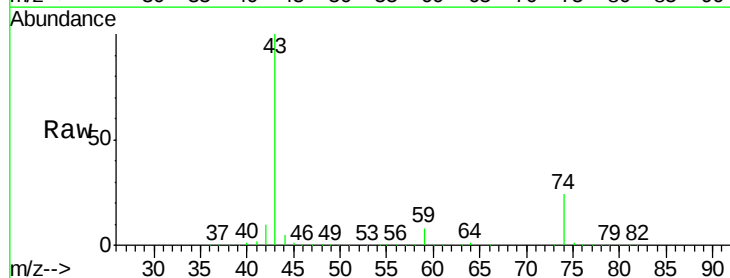
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

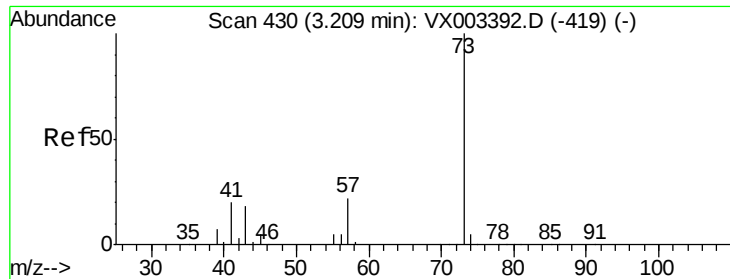
Tgt Ion: 76 Resp: 443370
Ion Ratio Lower Upper
76 100
78 9.2 6.9 10.3



#18
Methyl Acetate
Concen: 49.759 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.00 min
Lab File: VX003392.D
Acq: 16 Jul 2018 11:47

Tgt Ion: 43 Resp: 297597
Ion Ratio Lower Upper
43 100
74 23.2 16.7 25.1

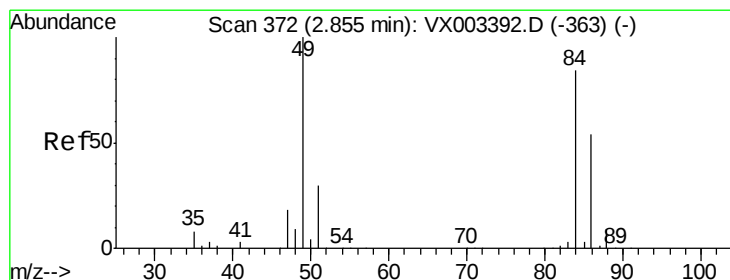
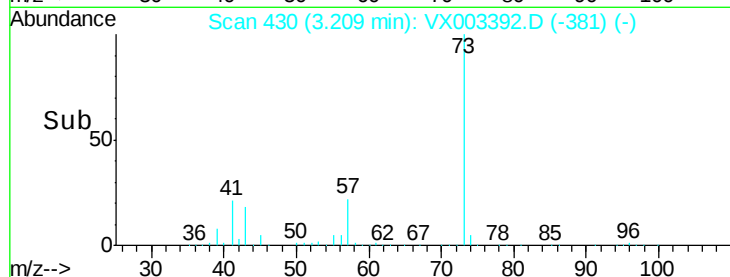
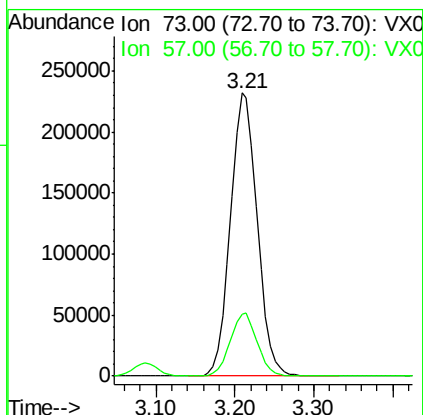
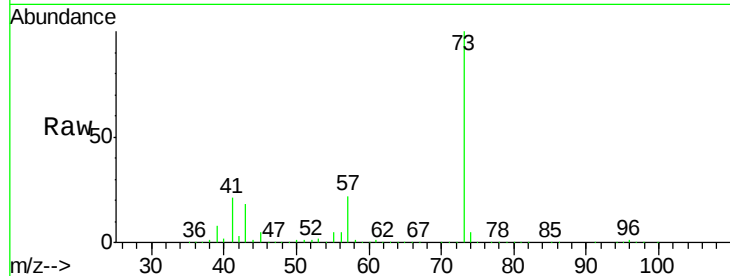




#19
Methyl tert-butyl Ether
Concen: 46.397 ug/l
RT: 3.21 min Scan# 430
Delta R.T. 0.00 min
Lab File: VX003392.D
Acq: 16 Jul 2018 11:47

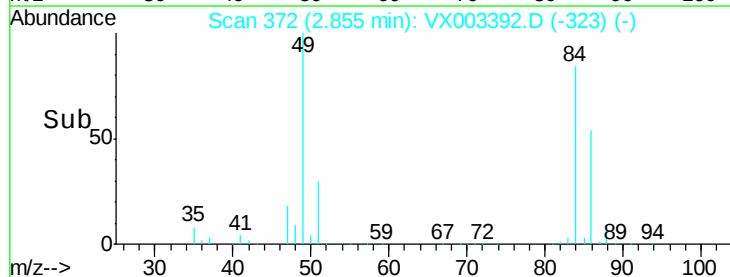
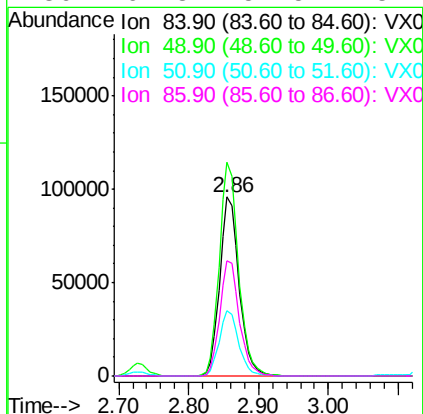
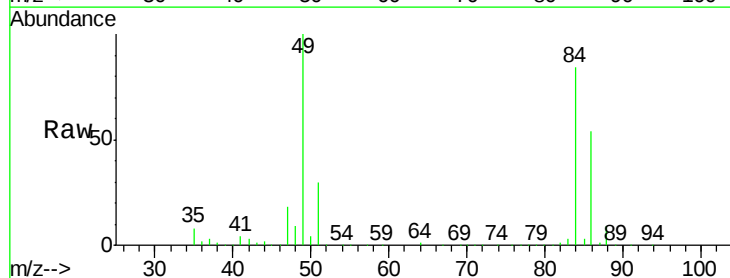
Instrument :
MSVOA_X
ClientSampled :
VSTDICCC050

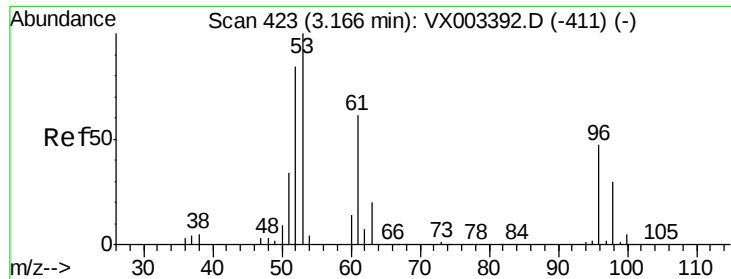
Tgt Ion: 73 Resp: 547444
Ion Ratio Lower Upper
73 100
57 22.0 17.7 26.5



#20
Methylene Chloride
Concen: 56.060 ug/l
RT: 2.86 min Scan# 372
Delta R.T. 0.00 min
Lab File: VX003392.D
Acq: 16 Jul 2018 11:47

Tgt Ion: 84 Resp: 184824
Ion Ratio Lower Upper
84 100
49 119.4 107.8 161.6
51 36.2 32.8 49.2
86 64.8 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 45.632 ug/l

RT: 3.17 min Scan# 423

Delta R.T. 0.00 min

Lab File: VX003392.D

Acq: 16 Jul 2018 11:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

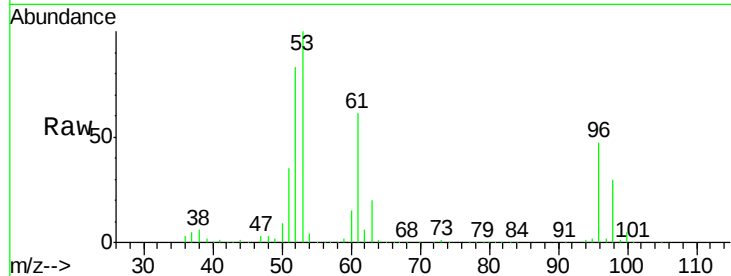
Tgt Ion: 96 Resp: 175139

Ion Ratio Lower Upper

96 100

61 128.9 117.0 175.4

98 63.4 52.4 78.6

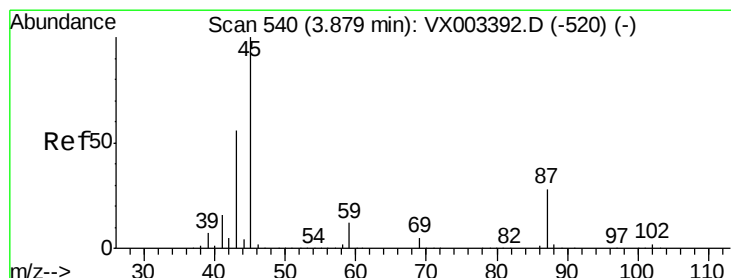
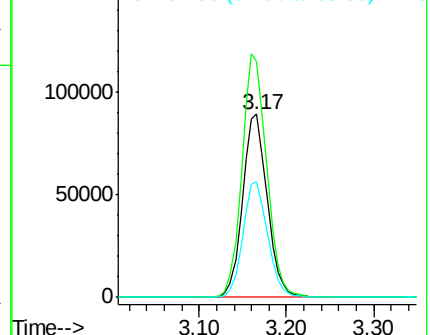
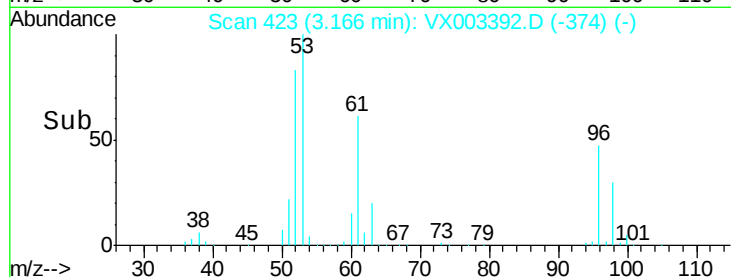


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 44.962 ug/l

RT: 3.88 min Scan# 540

Delta R.T. 0.00 min

Lab File: VX003392.D

Acq: 16 Jul 2018 11:47

Tgt Ion: 45 Resp: 562165

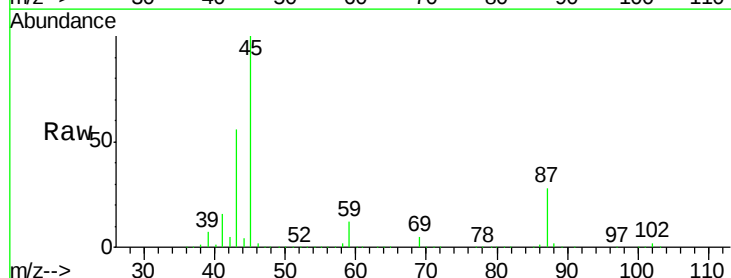
Ion Ratio Lower Upper

45 100

43 55.6 46.8 70.2

87 27.7 20.2 30.4

59 12.2 8.7 13.1



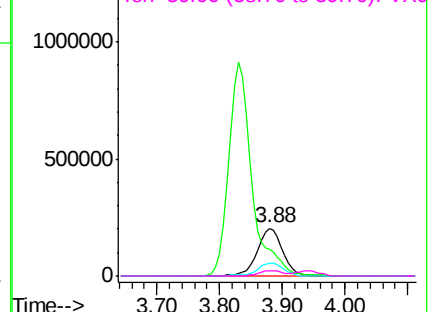
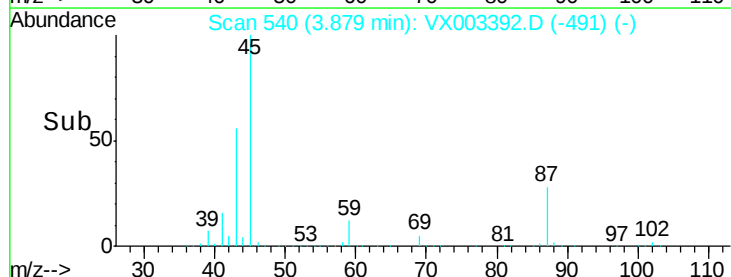
Abundance

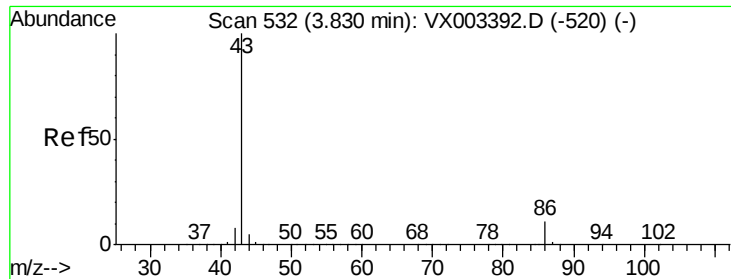
Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 227.142 ug/l

RT: 3.83 min Scan# 532

Delta R.T. 0.00 min

Lab File: VX003392.D

Acq: 16 Jul 2018 11:47

Instrument :

MSVOA_X

ClientSampleId :

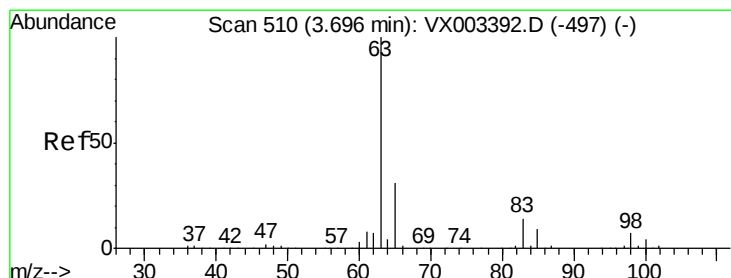
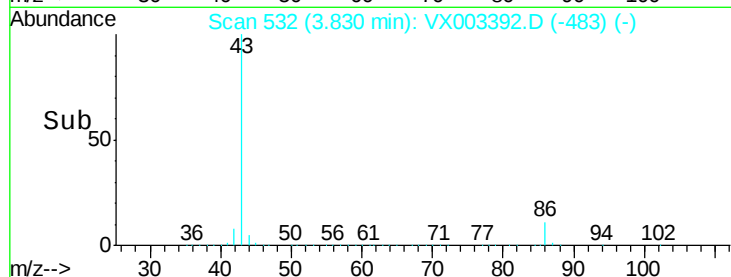
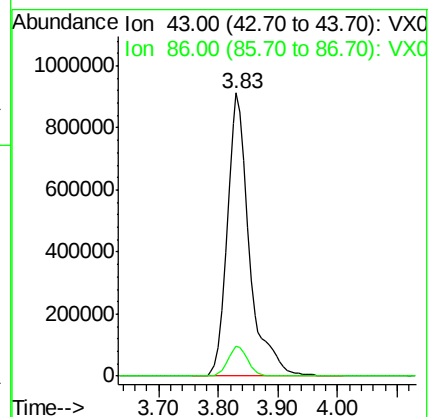
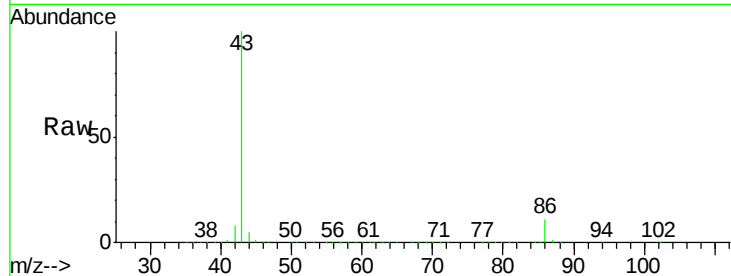
VSTDICCC050

Tgt Ion: 43 Resp: 2342221

Ion Ratio Lower Upper

43 100

86 10.7 7.4 11.0



#24

1,1-Dichloroethane

Concen: 45.701 ug/l

RT: 3.70 min Scan# 510

Delta R.T. 0.00 min

Lab File: VX003392.D

Acq: 16 Jul 2018 11:47

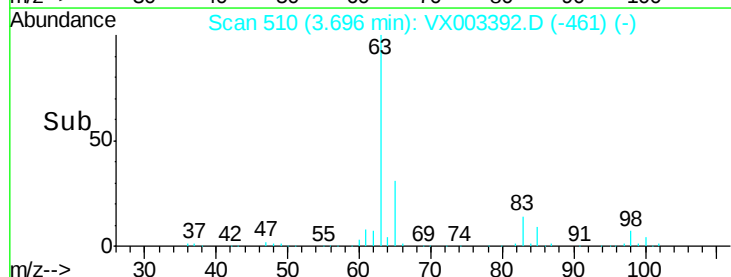
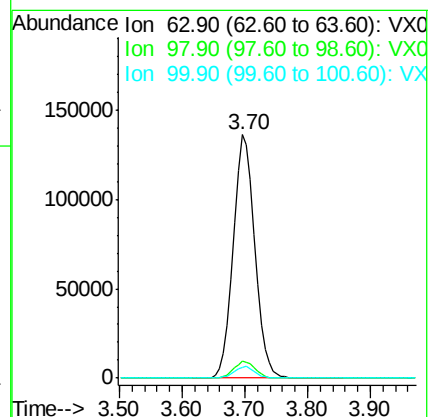
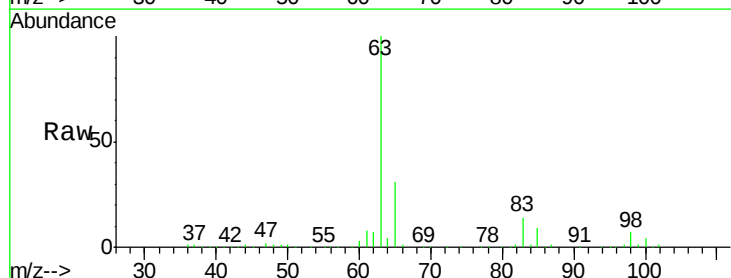
Tgt Ion: 63 Resp: 324160

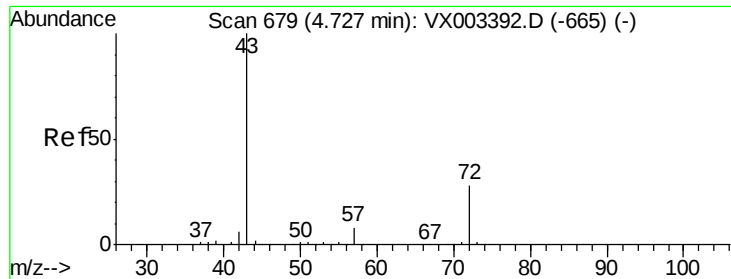
Ion Ratio Lower Upper

63 100

98 6.8 3.4 10.2

100 4.2 2.0 6.0





#25

2-Butanone

Concen: 238.964 ug/l

RT: 4.73 min Scan# 679

Delta R.T. 0.00 min

Lab File: VX003392.D

Acq: 16 Jul 2018 11:47

Instrument :

MSVOA_X

ClientSampleId :

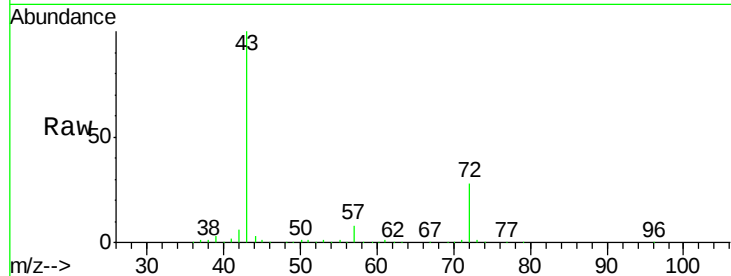
VSTDICCC050

Tgt Ion: 43 Resp: 686722

Ion Ratio Lower Upper

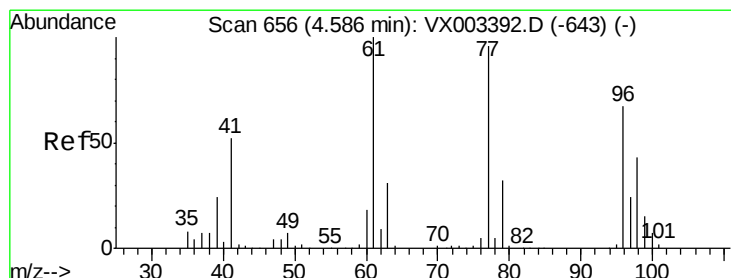
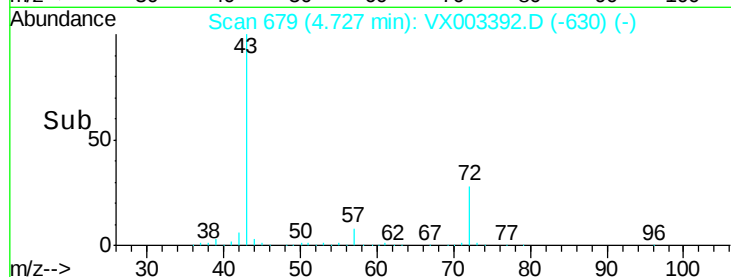
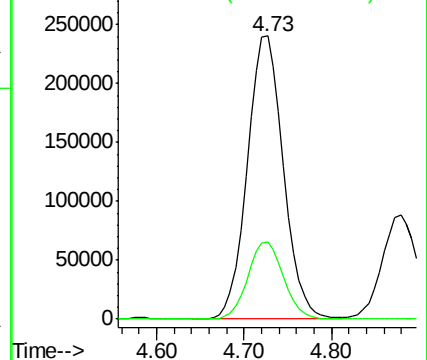
43 100

72 27.5 18.5 27.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 46.042 ug/l

RT: 4.59 min Scan# 656

Delta R.T. 0.00 min

Lab File: VX003392.D

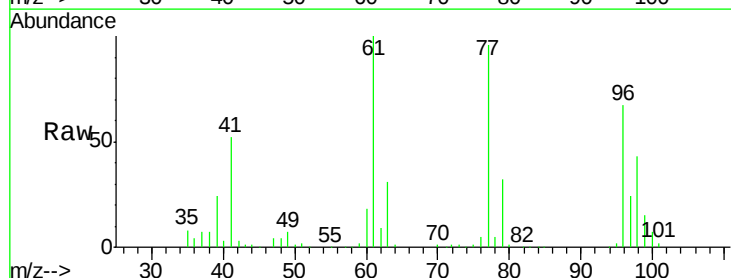
Acq: 16 Jul 2018 11:47

Tgt Ion: 77 Resp: 229230

Ion Ratio Lower Upper

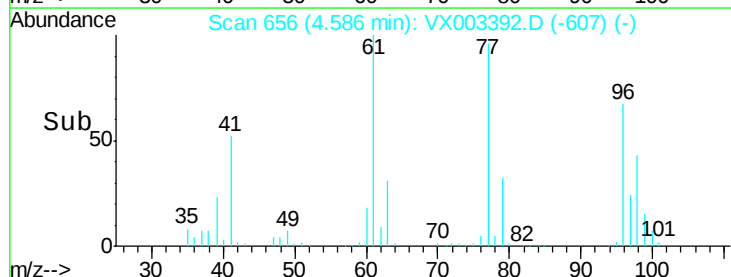
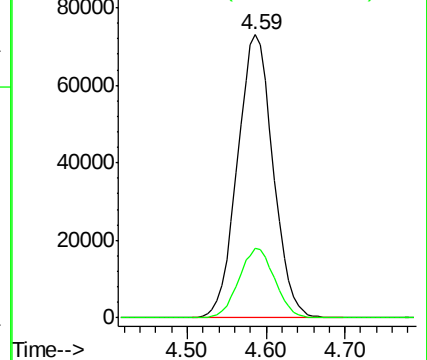
77 100

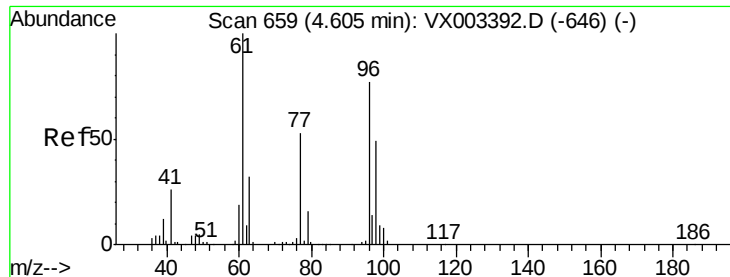
97 24.8 11.2 33.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



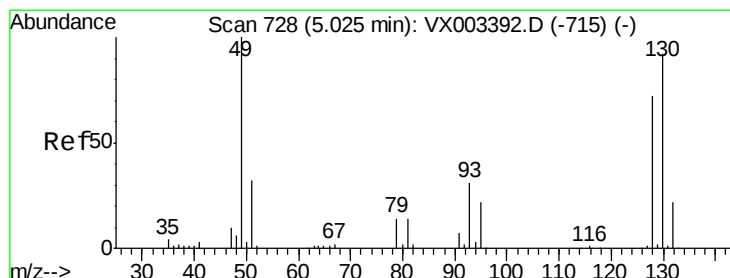
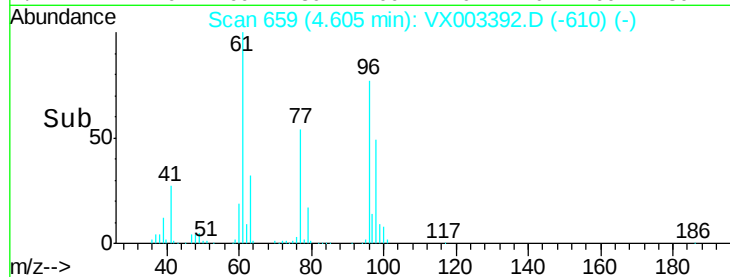
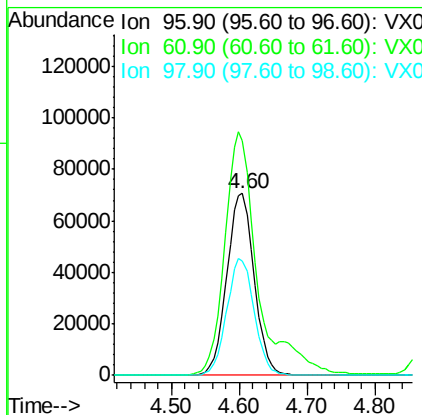
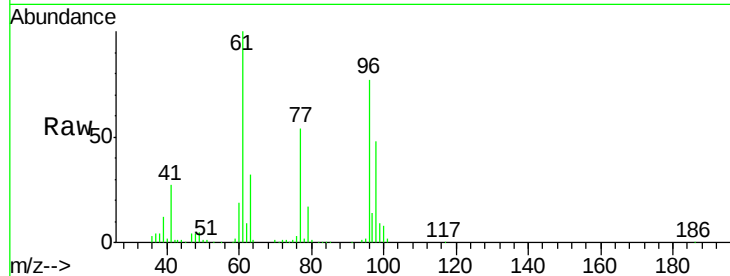


#27

cis-1,2-Dichloroethene
 Concen: 47.630 ug/l
 RT: 4.60 min Scan# 659
 Delta R.T. 0.00 min
 Lab File: VX003392.D
 Acq: 16 Jul 2018 11:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

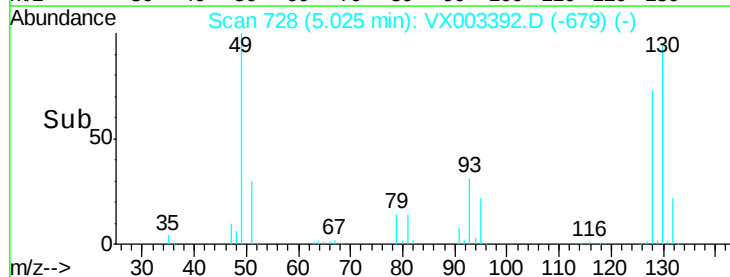
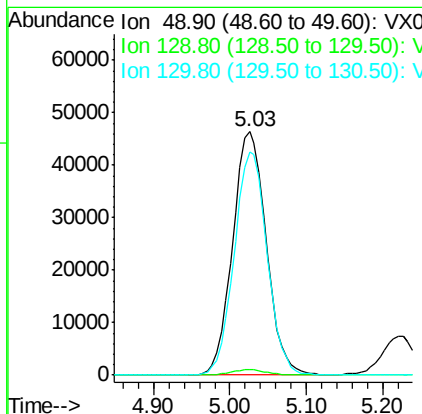
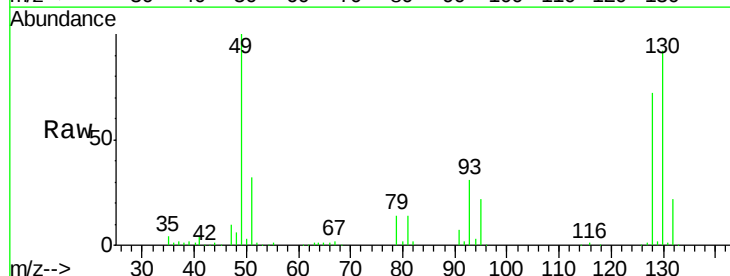
Tgt Ion: 96 Resp: 196681
 Ion Ratio Lower Upper
 96 100
 61 142.9 0.0 330.2
 98 64.7 0.0 130.2

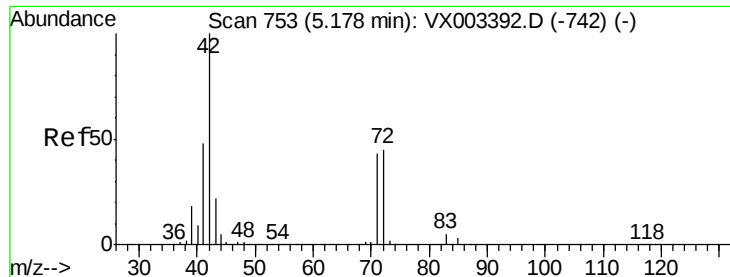


#28

Bromochloromethane
 Concen: 45.961 ug/l
 RT: 5.03 min Scan# 728
 Delta R.T. 0.00 min
 Lab File: VX003392.D
 Acq: 16 Jul 2018 11:47

Tgt Ion: 49 Resp: 141536
 Ion Ratio Lower Upper
 49 100
 129 2.3 0.0 4.2
 130 89.5 61.2 91.8

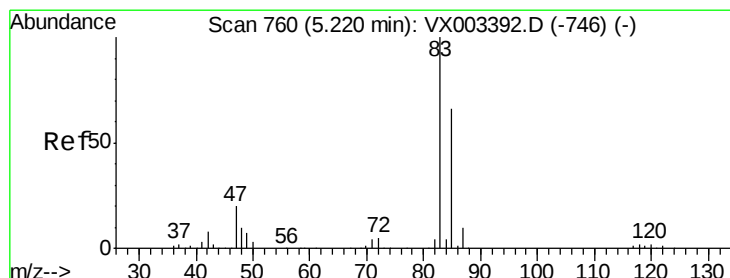
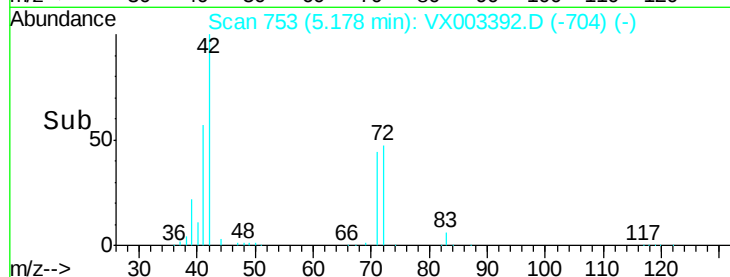
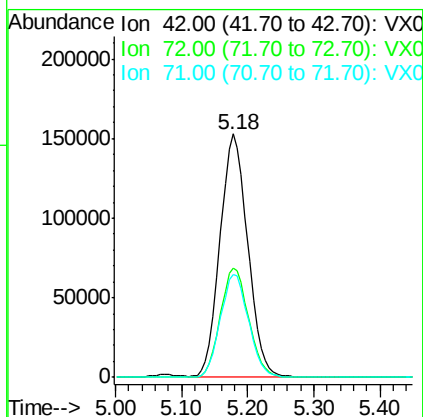
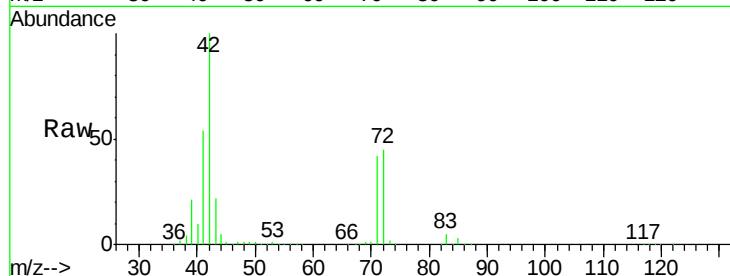




#29
Tetrahydrofuran
Concen: 243.378 ug/l
RT: 5.18 min Scan# 753
Delta R.T. 0.00 min
Lab File: VX003392.D
Acq: 16 Jul 2018 11:47

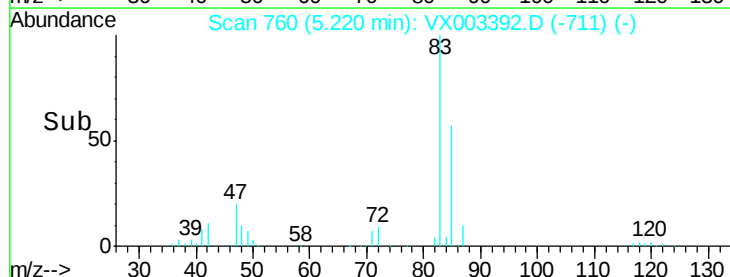
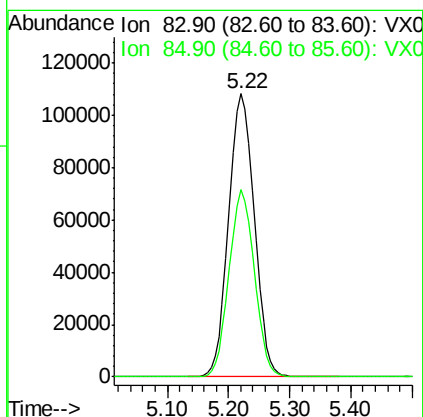
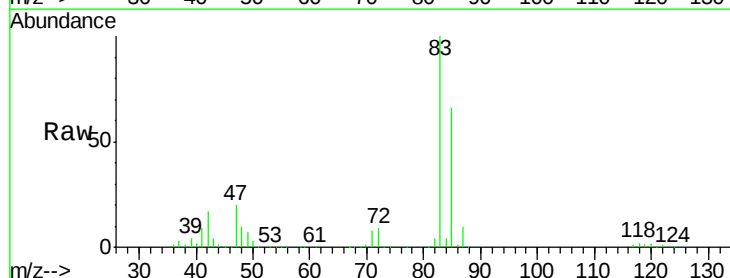
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

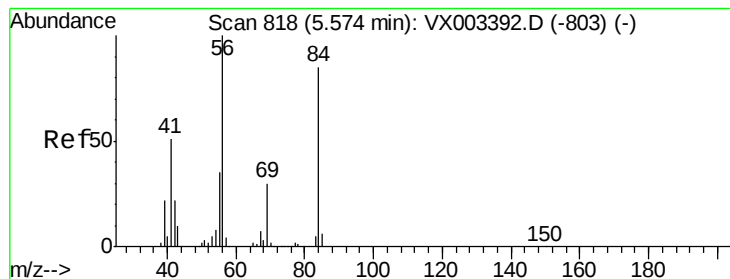
Tgt Ion: 42 Resp: 443556
Ion Ratio Lower Upper
42 100
72 45.9 32.0 48.0
71 43.1 30.1 45.1



#30
Chloroform
Concen: 48.064 ug/l
RT: 5.22 min Scan# 760
Delta R.T. 0.00 min
Lab File: VX003392.D
Acq: 16 Jul 2018 11:47

Tgt Ion: 83 Resp: 314157
Ion Ratio Lower Upper
83 100
85 66.2 50.4 75.6





#31

Cyclohexane

Concen: 49.372 ug/l

RT: 5.57 min Scan# 818

Delta R.T. 0.00 min

Lab File: VX003392.D

Acq: 16 Jul 2018 11:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

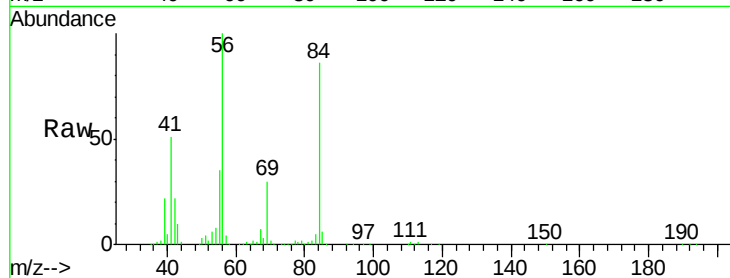
Tgt Ion: 56 Resp: 270447

Ion Ratio Lower Upper

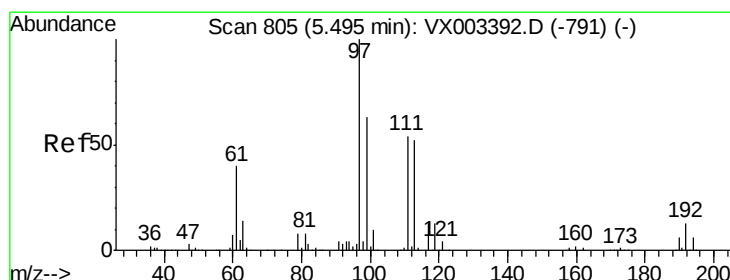
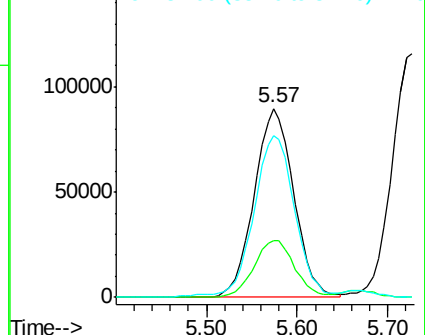
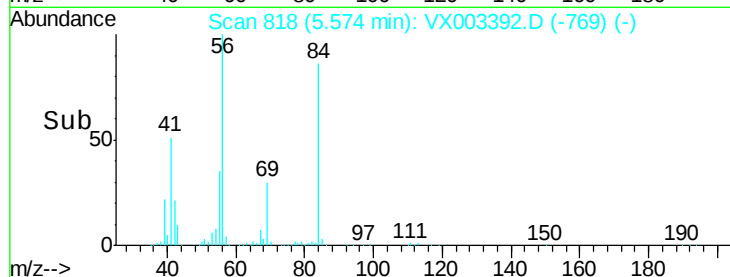
56 100

69 30.0 23.7 35.5

84 84.7 64.1 96.1



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



#32

1,1,1-Trichloroethane

Concen: 48.657 ug/l

RT: 5.49 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX003392.D

Acq: 16 Jul 2018 11:47

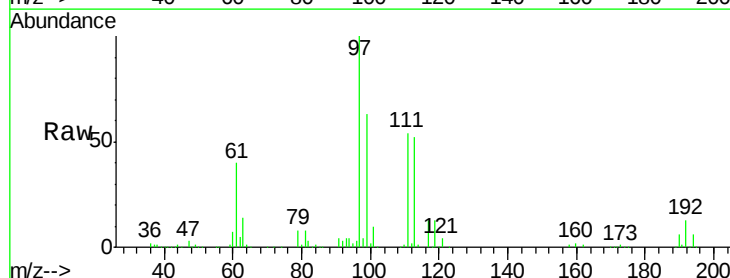
Tgt Ion: 97 Resp: 270488

Ion Ratio Lower Upper

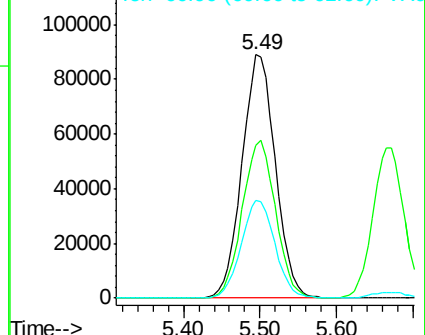
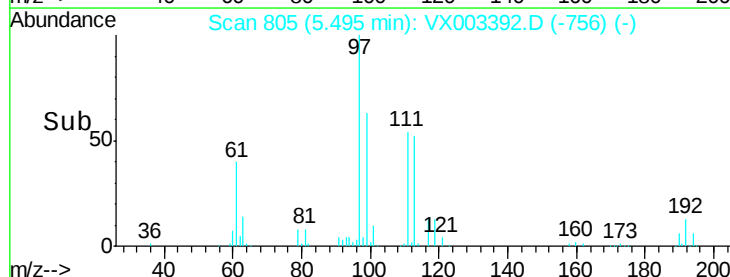
97 100

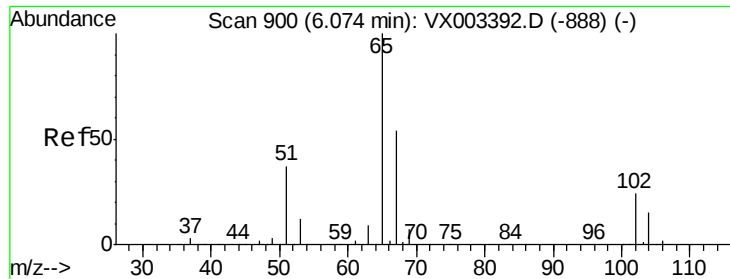
99 64.7 51.6 77.4

61 40.7 36.4 54.6



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

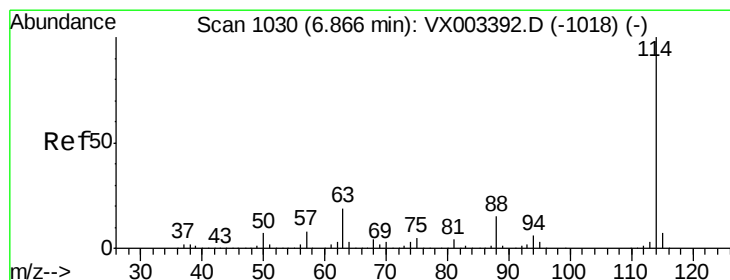
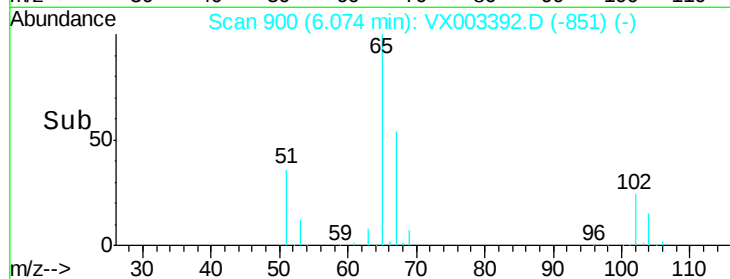
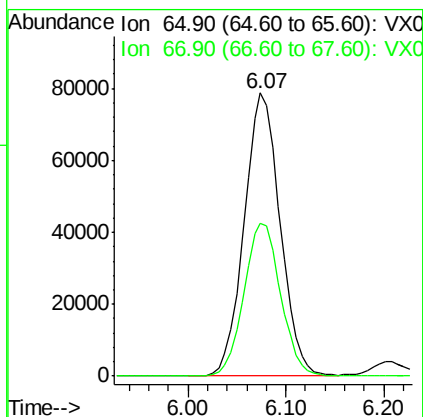
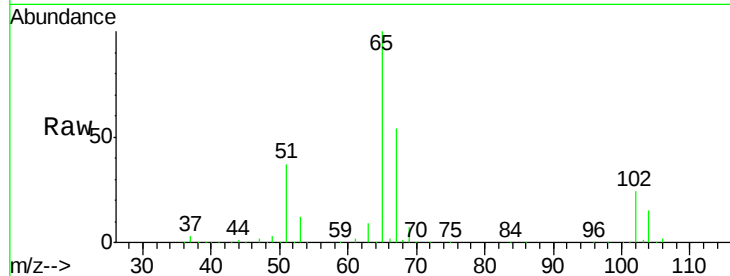




#33
 1,2-Dichloroethane-d4
 Concen: 45.459 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VX003392.D
 Acq: 16 Jul 2018 11:47

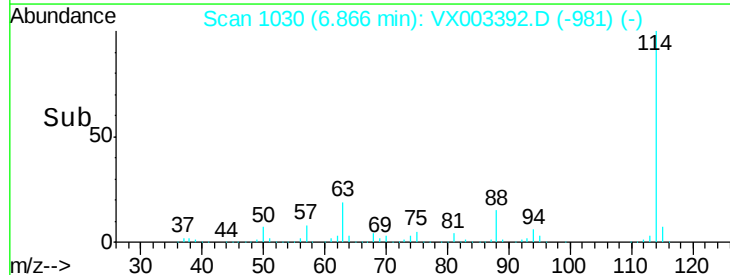
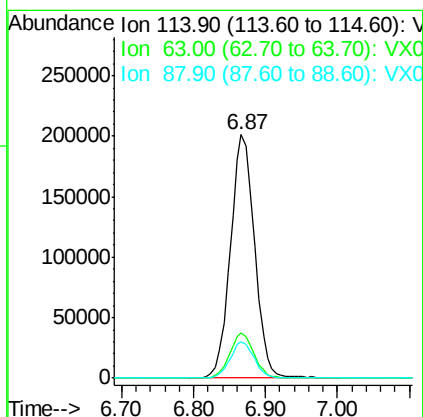
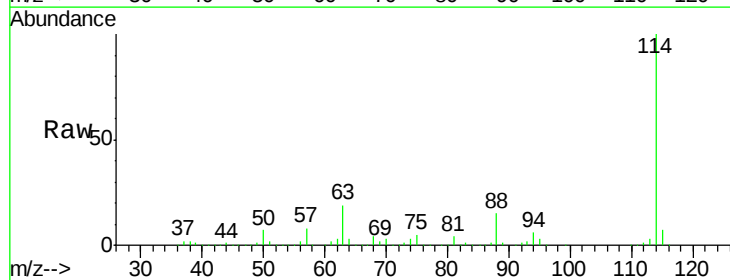
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

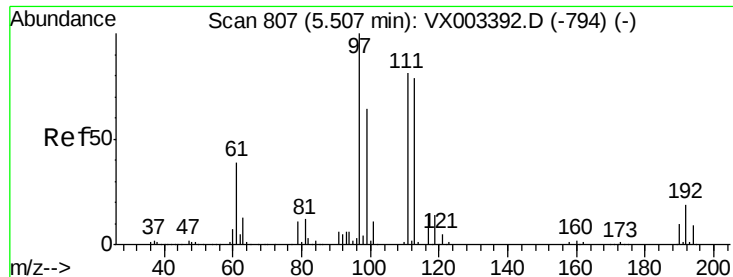
Tgt Ion: 65 Resp: 200689
 Ion Ratio Lower Upper
 65 100
 67 54.8 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX003392.D
 Acq: 16 Jul 2018 11:47

Tgt Ion: 114 Resp: 469531
 Ion Ratio Lower Upper
 114 100
 63 18.6 0.0 41.4
 88 15.1 0.0 30.0

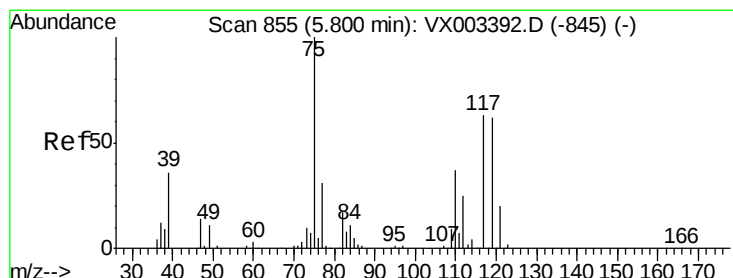
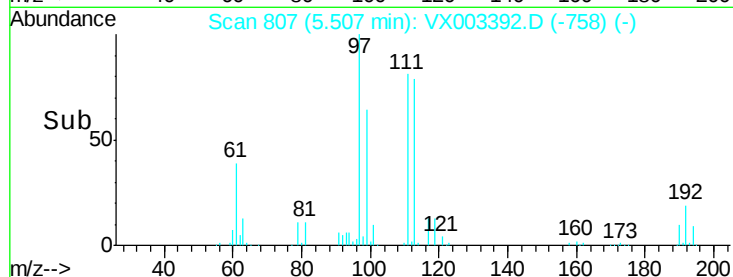
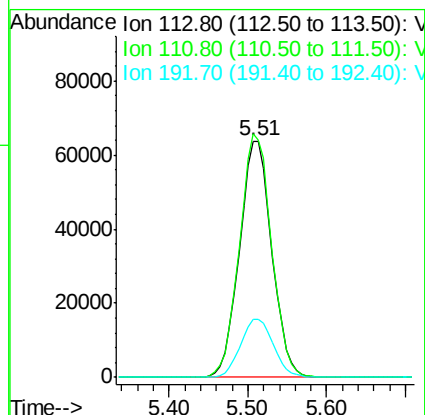
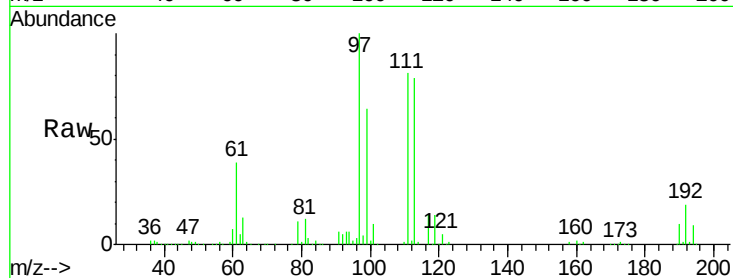




#35
 Dibromofluoromethane
 Concen: 47.892 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. 0.00 min
 Lab File: VX003392.D
 Acq: 16 Jul 2018 11:47

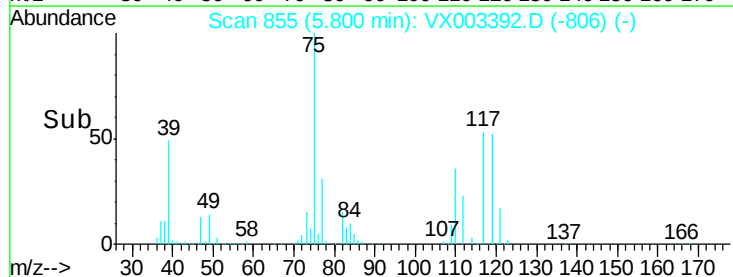
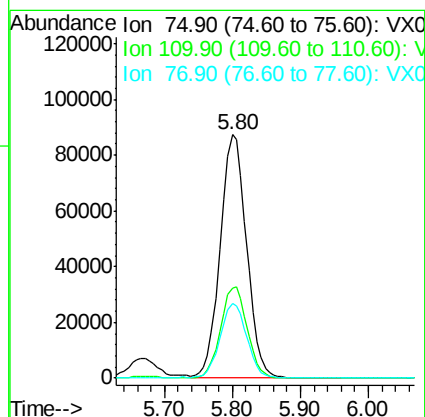
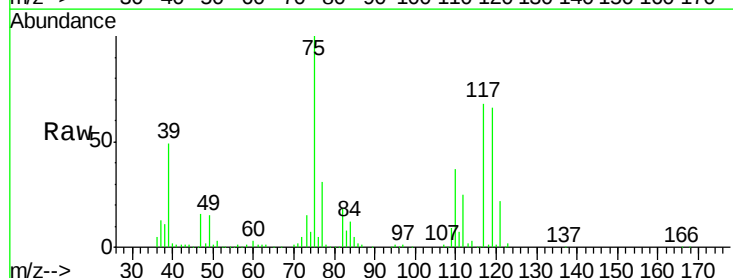
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

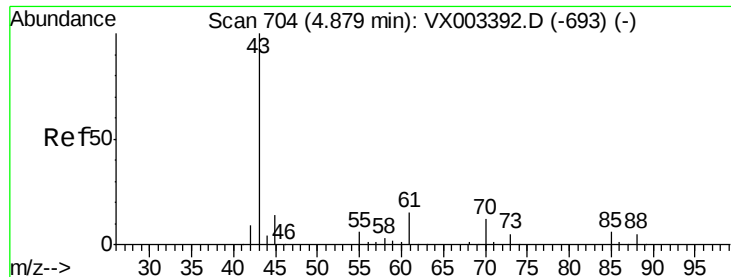
Tgt Ion: 113 Resp: 181942
 Ion Ratio Lower Upper
 113 100
 111 102.0 81.4 122.0
 192 25.1 19.1 28.7



#36
 1,1-Dichloropropene
 Concen: 49.382 ug/l
 RT: 5.80 min Scan# 855
 Delta R.T. 0.00 min
 Lab File: VX003392.D
 Acq: 16 Jul 2018 11:47

Tgt Ion: 75 Resp: 234795
 Ion Ratio Lower Upper
 75 100
 110 37.9 18.1 54.4
 77 30.8 24.3 36.5

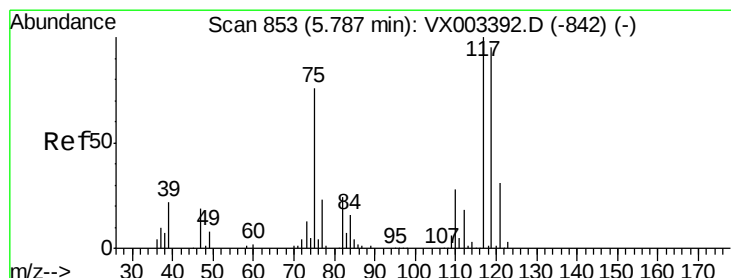
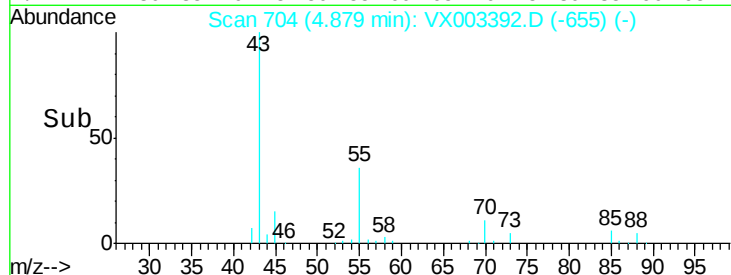
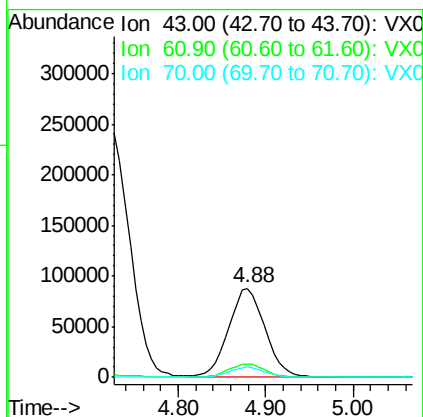
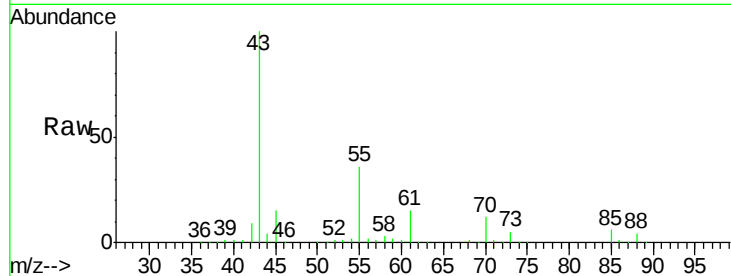




#37
Ethyl Acetate
Concen: 47.178 ug/l
RT: 4.88 min Scan# 704
Delta R.T. 0.00 min
Lab File: VX003392.D
Acq: 16 Jul 2018 11:47

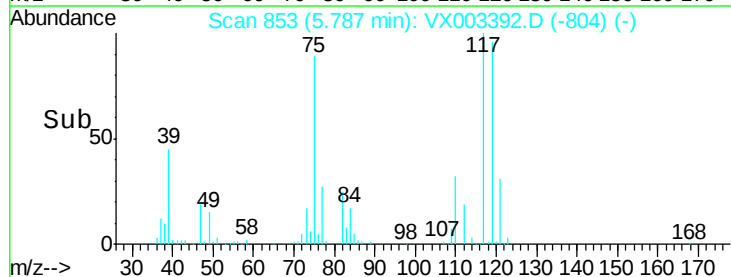
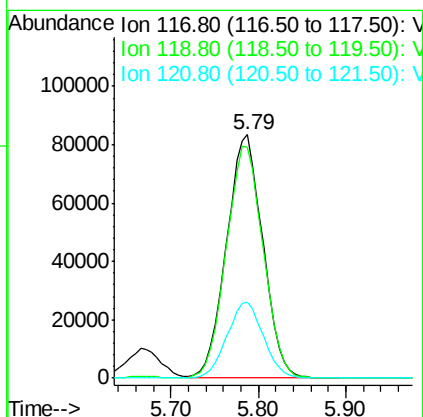
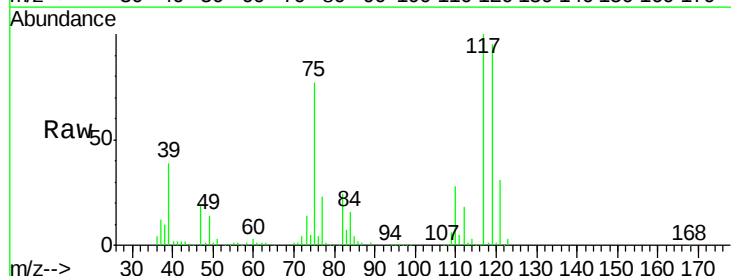
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

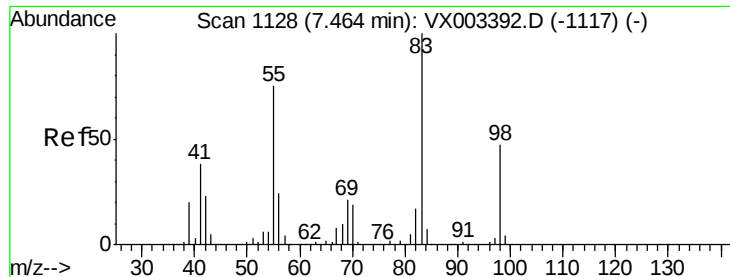
Tgt Ion: 43 Resp: 252775
Ion Ratio Lower Upper
43 100
61 15.2 10.4 15.6
70 11.4 7.6 11.4



#38
Carbon Tetrachloride
Concen: 49.645 ug/l
RT: 5.79 min Scan# 853
Delta R.T. 0.00 min
Lab File: VX003392.D
Acq: 16 Jul 2018 11:47

Tgt Ion: 117 Resp: 240203
Ion Ratio Lower Upper
117 100
119 95.0 77.4 116.0
121 31.2 24.4 36.6

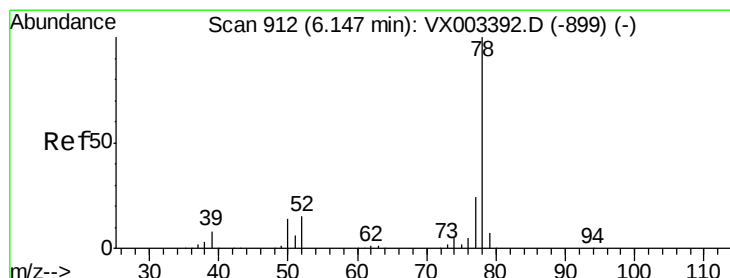
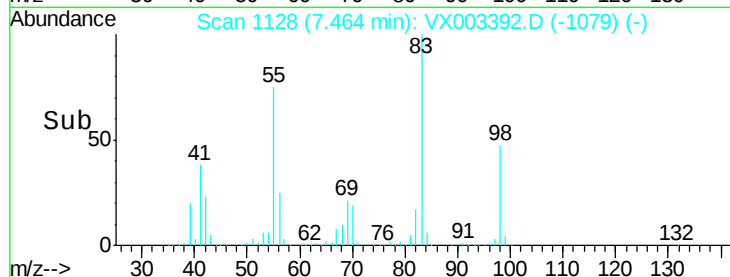
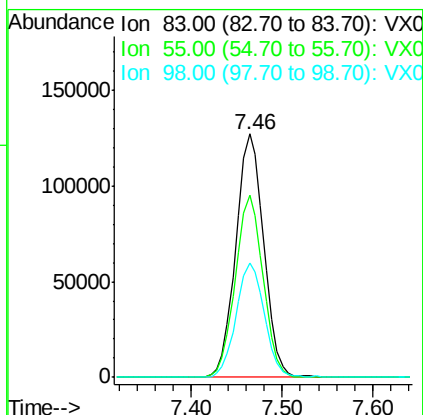
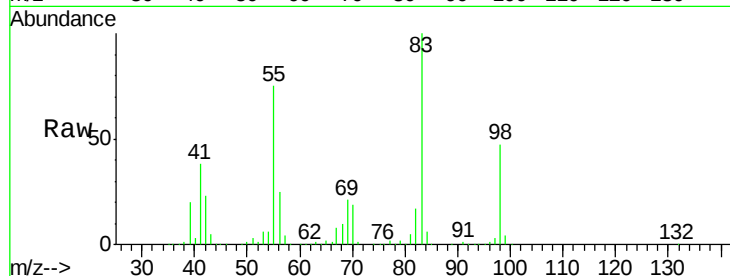




#39
Methylcyclohexane
Concen: 49.873 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VX003392.D
Acq: 16 Jul 2018 11:47

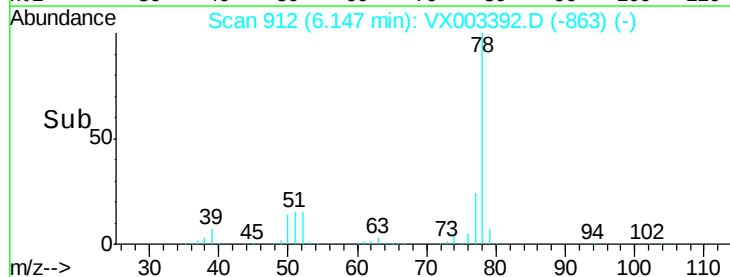
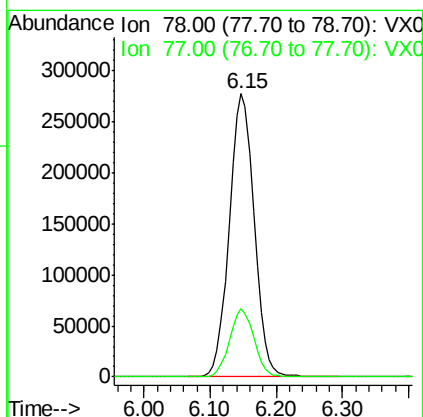
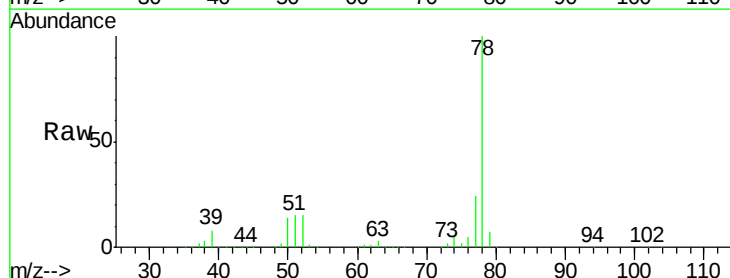
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

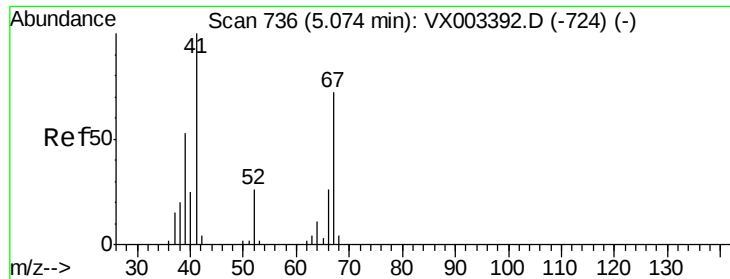
Tgt Ion: 83 Resp: 271444
Ion Ratio Lower Upper
83 100
55 74.7 65.4 98.0
98 47.0 37.4 56.0



#40
Benzene
Concen: 50.087 ug/l
RT: 6.15 min Scan# 912
Delta R.T. 0.00 min
Lab File: VX003392.D
Acq: 16 Jul 2018 11:47

Tgt Ion: 78 Resp: 724570
Ion Ratio Lower Upper
78 100
77 24.0 19.1 28.7

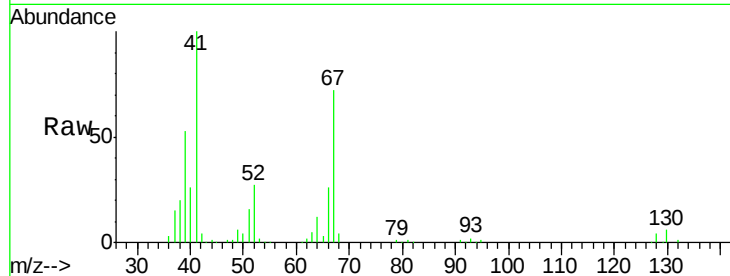




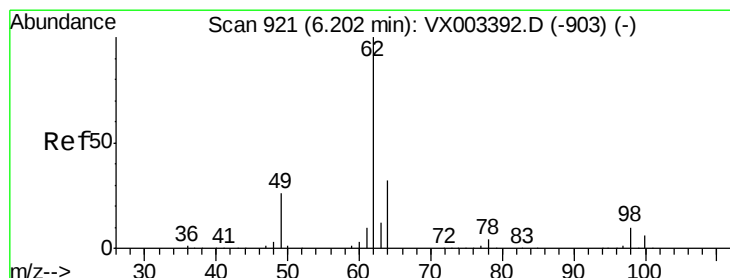
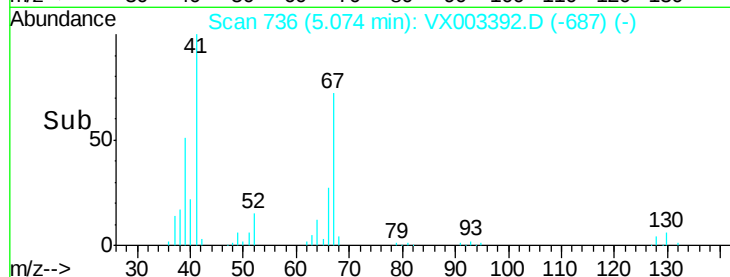
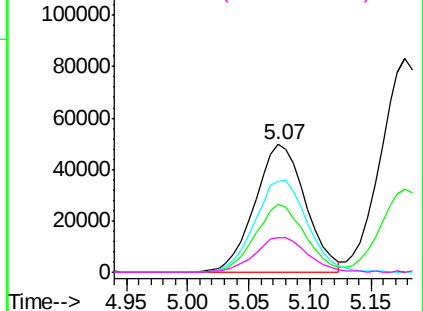
#41
Methacrylonitrile
Concen: 48.649 ug/l
RT: 5.07 min Scan# 736
Delta R.T. 0.00 min
Lab File: VX003392.D
Acq: 16 Jul 2018 11:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion:	41	Resp:	143337
Ion	Ratio	Lower	Upper
41	100		
39	52.5	45.8	68.6
67	75.1	51.3	76.9
52	28.4	23.0	34.6

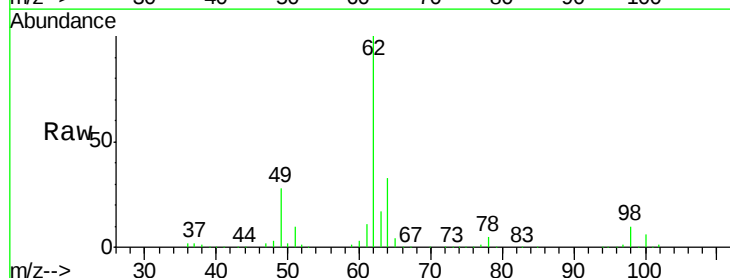


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

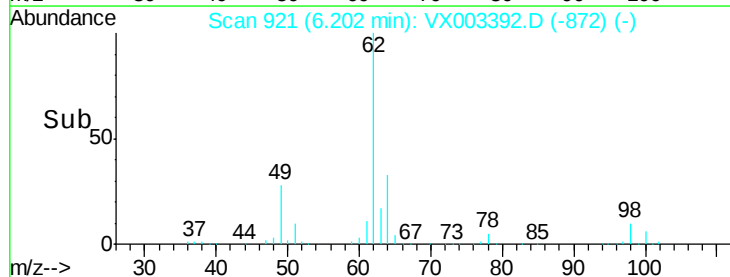
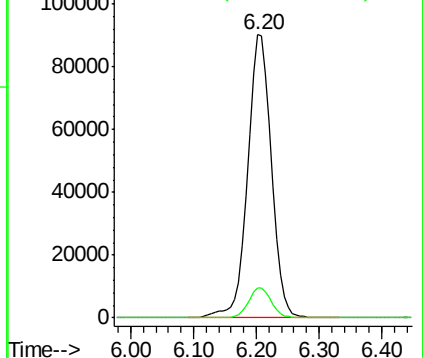


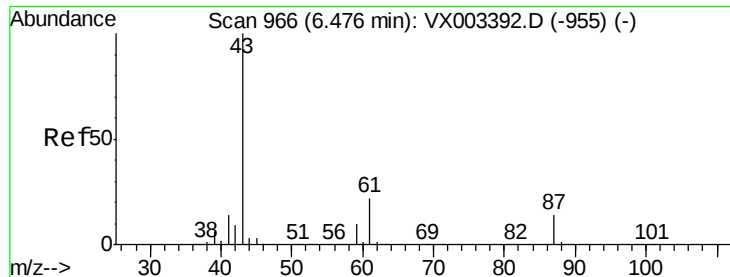
#42
1,2-Dichloroethane
Concen: 47.343 ug/l
RT: 6.20 min Scan# 921
Delta R.T. 0.00 min
Lab File: VX003392.D
Acq: 16 Jul 2018 11:47

Tgt Ion:	62	Resp:	234877
Ion	Ratio	Lower	Upper
62	100		
98	10.3	0.0	16.6



Abundance Ion 61.90 (61.60 to 62.60): VX0
Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 48.954 ug/l

RT: 6.48 min Scan# 966

Delta R.T. 0.00 min

Lab File: VX003392.D

Acq: 16 Jul 2018 11:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

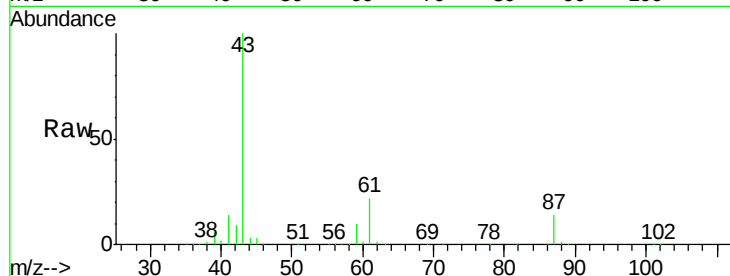
Tgt Ion: 43 Resp: 395867

Ion Ratio Lower Upper

43 100

61 21.7 14.4 21.6#

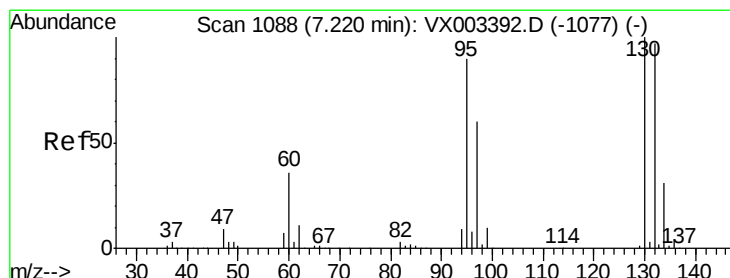
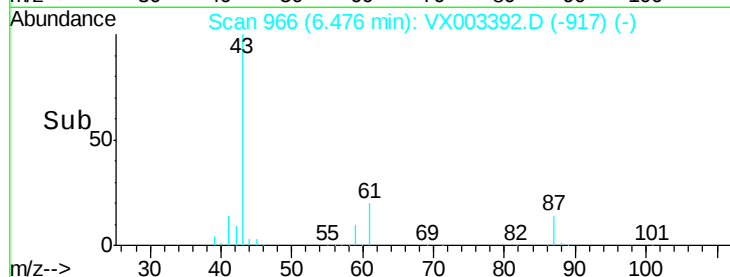
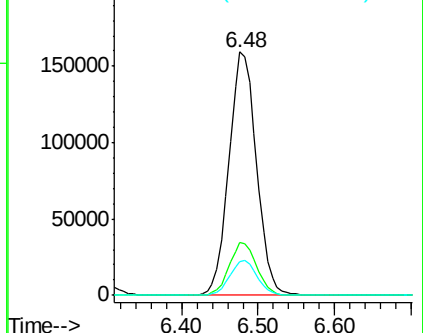
87 14.3 9.5 14.3#



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: 50.732 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. 0.00 min

Lab File: VX003392.D

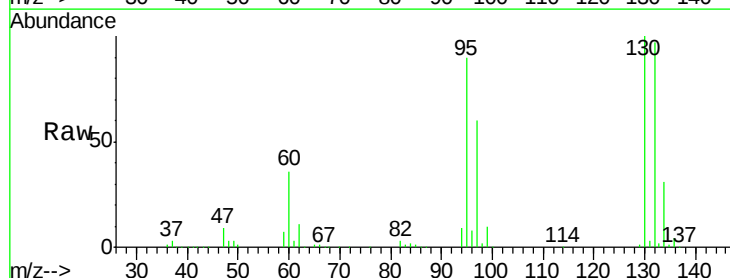
Acq: 16 Jul 2018 11:47

Tgt Ion: 130 Resp: 212604

Ion Ratio Lower Upper

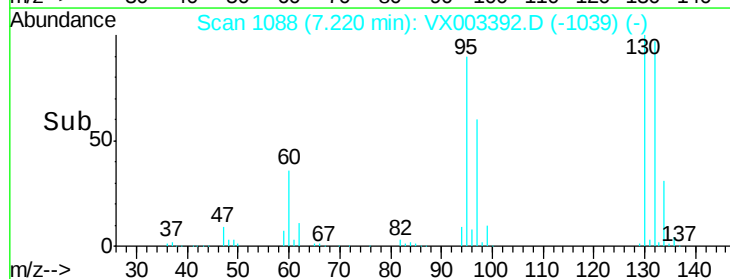
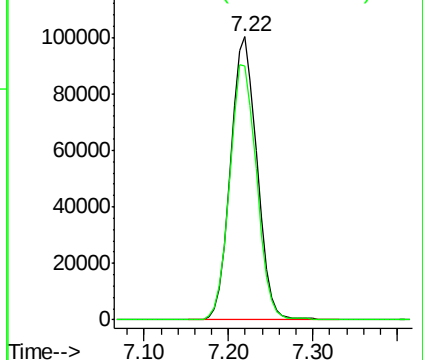
130 100

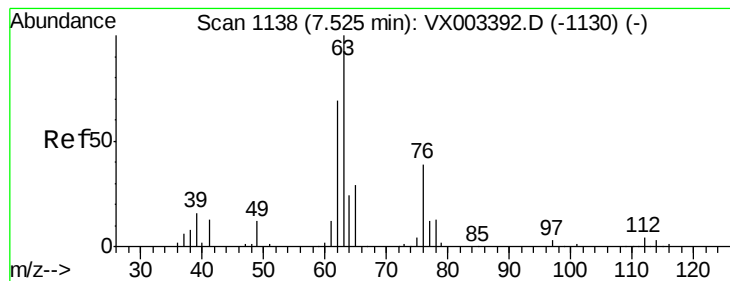
95 89.9 0.0 185.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 49.746 ug/l

RT: 7.52 min Scan# 1138

Delta R.T. 0.00 min

Lab File: VX003392.D

Acq: 16 Jul 2018 11:47

Instrument :

MSVOA_X

ClientSampleId :

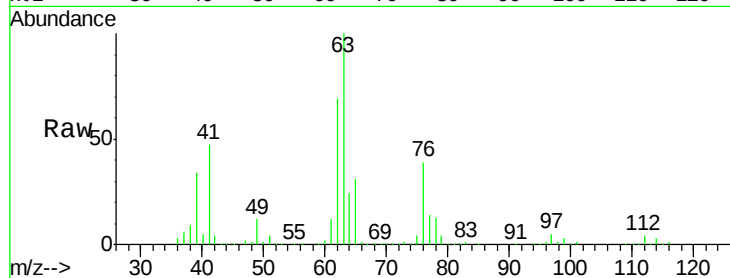
VSTDICCC050

Tgt Ion: 63 Resp: 187202

Ion Ratio Lower Upper

63 100

65 30.5 24.7 37.1



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0

7.52

100000

80000

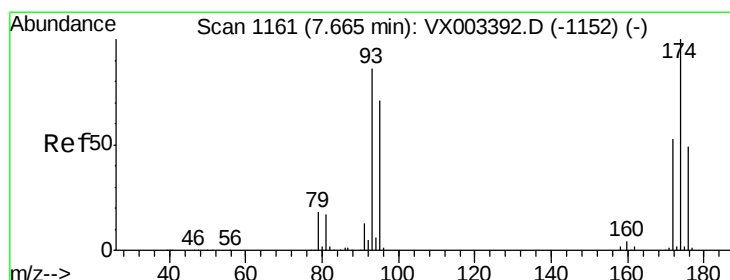
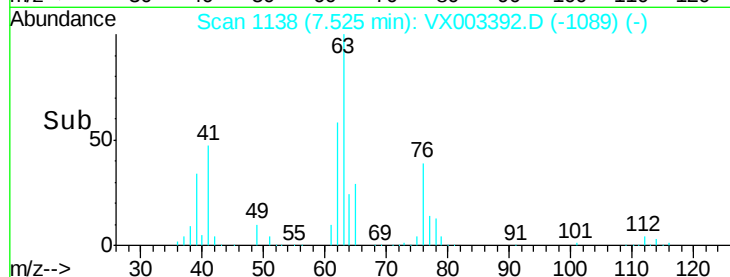
60000

40000

20000

0

Time--> 7.40 7.50 7.60 7.70



#46

Dibromomethane

Concen: 49.592 ug/l

RT: 7.67 min Scan# 1161

Delta R.T. 0.00 min

Lab File: VX003392.D

Acq: 16 Jul 2018 11:47

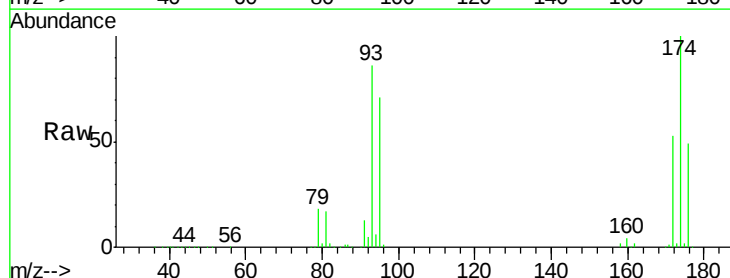
Tgt Ion: 93 Resp: 124263

Ion Ratio Lower Upper

93 100

95 84.3 65.9 98.9

174 124.6 92.4 138.6



Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V

100000

80000

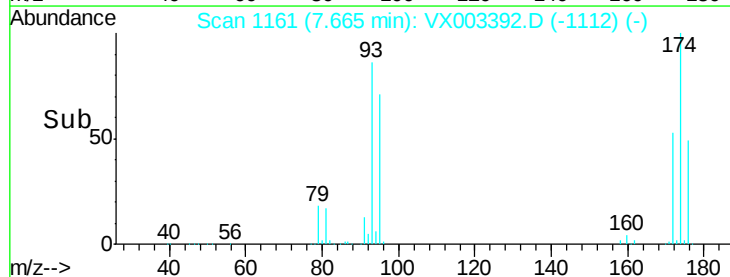
60000

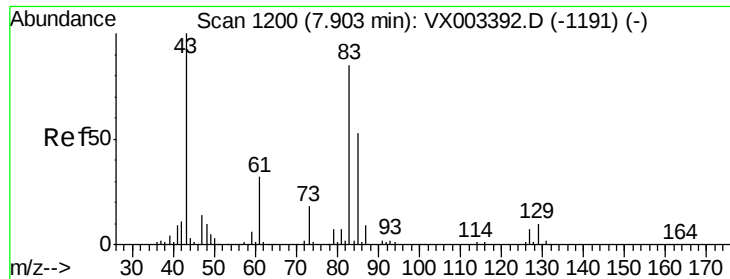
40000

20000

0

Time--> 7.60 7.70 7.80





#47

Bromodichloromethane

Concen: 50.535 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. 0.00 min

Lab File: VX003392.D

Acq: 16 Jul 2018 11:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

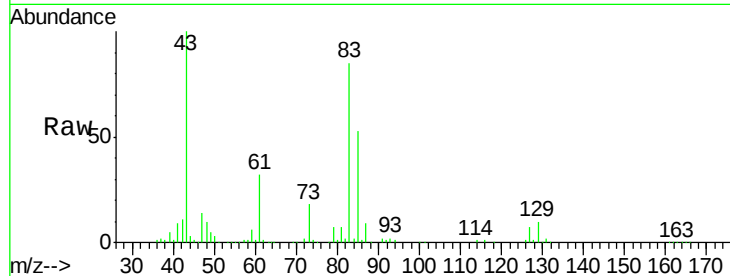
Tgt Ion: 83 Resp: 231884

Ion Ratio Lower Upper

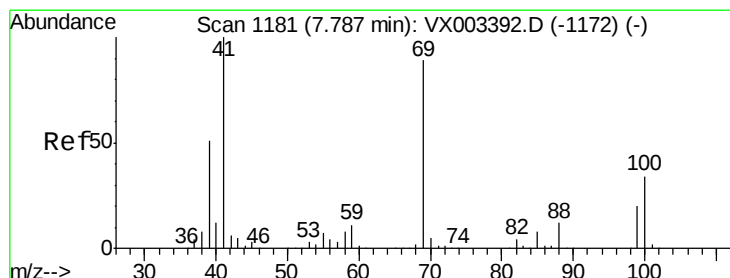
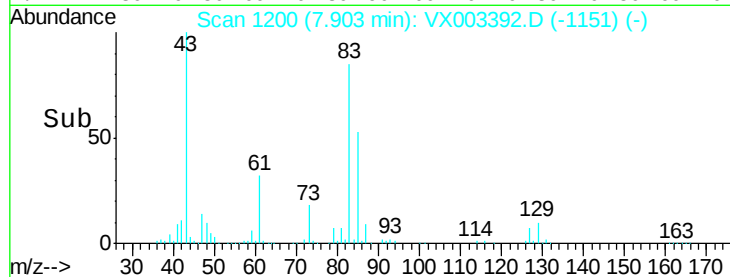
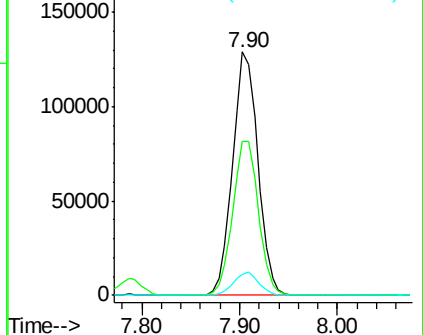
83 100

85 63.0 50.3 75.5

127 8.7 7.0 10.4



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



#48

Methyl methacrylate

Concen: 50.147 ug/l

RT: 7.79 min Scan# 1181

Delta R.T. 0.00 min

Lab File: VX003392.D

Acq: 16 Jul 2018 11:47

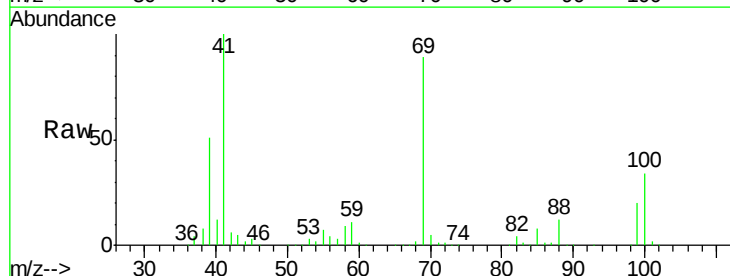
Tgt Ion: 41 Resp: 206883

Ion Ratio Lower Upper

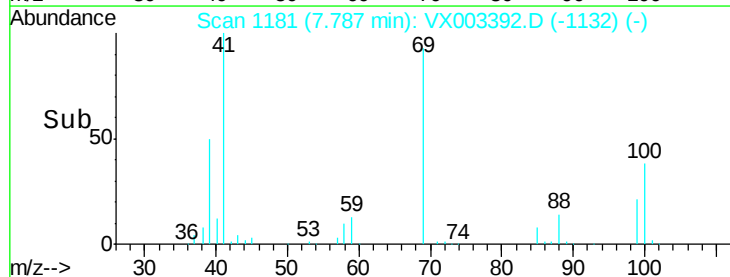
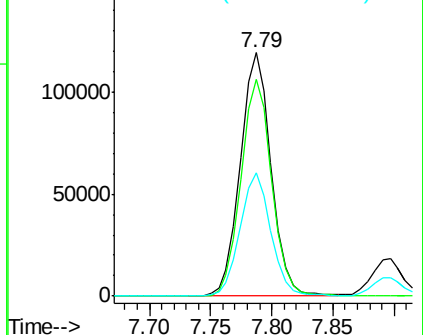
41 100

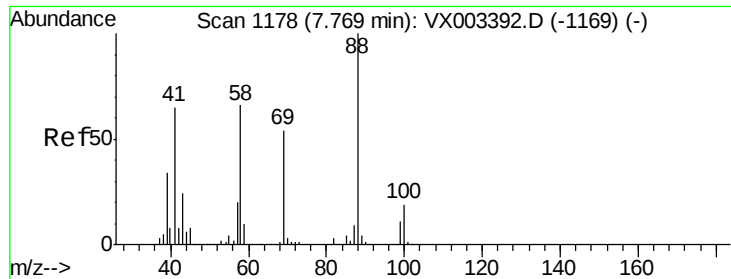
69 89.9 59.1 88.7#

39 50.5 48.9 73.3



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

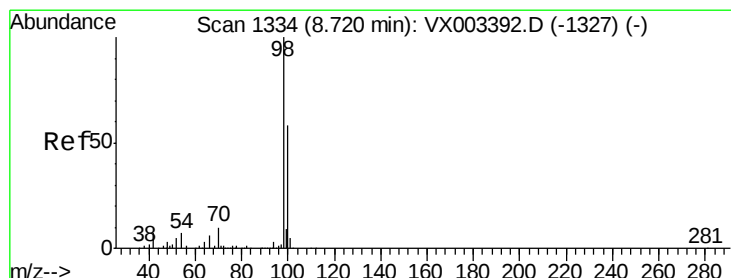
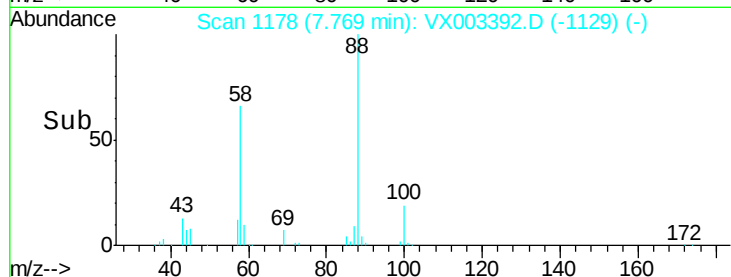
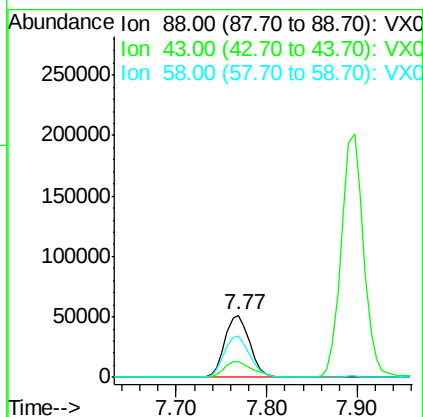
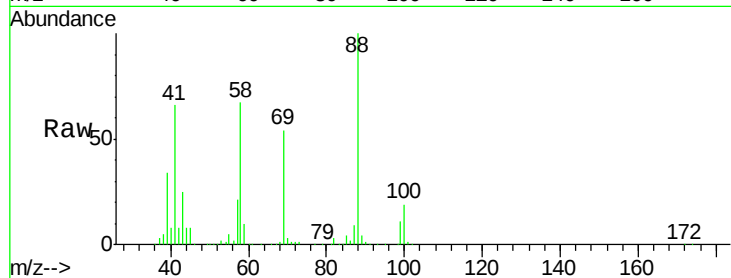




#49
1,4-Dioxane
Concen: 1040.275 ug/l
RT: 7.77 min Scan# 1178
Delta R.T. 0.00 min
Lab File: VX003392.D
Acq: 16 Jul 2018 11:47

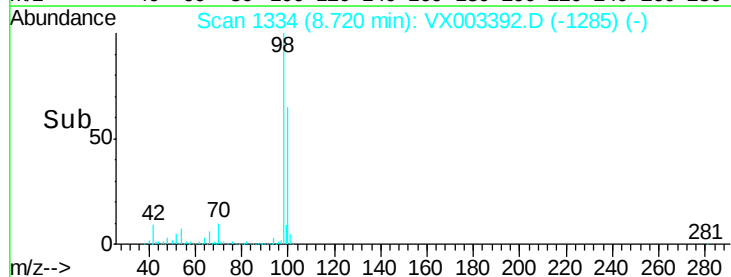
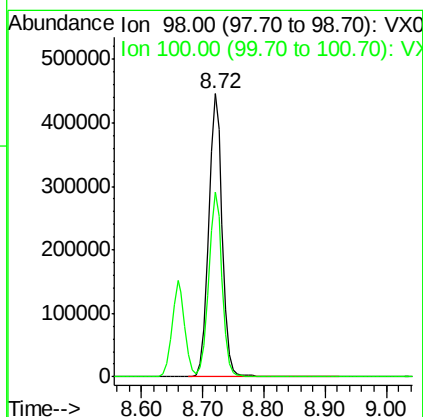
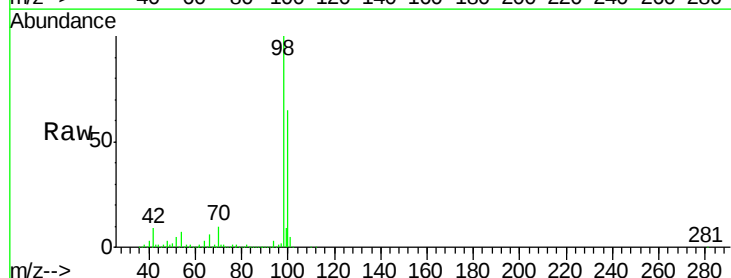
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

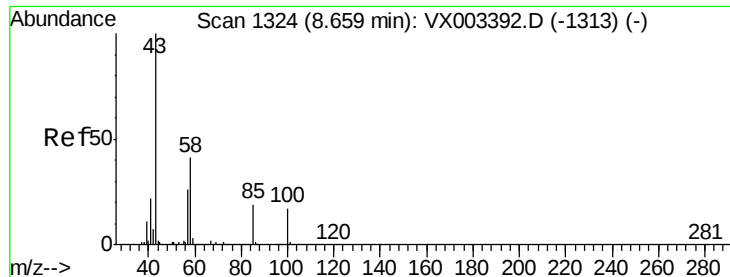
Tgt Ion: 88 Resp: 98263
Ion Ratio Lower Upper
88 100
43 28.2 29.8 44.6#
58 69.0 57.1 85.7



#50
Toluene-d8
Concen: 49.778 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX003392.D
Acq: 16 Jul 2018 11:47

Tgt Ion: 98 Resp: 697865
Ion Ratio Lower Upper
98 100
100 64.8 50.9 76.3

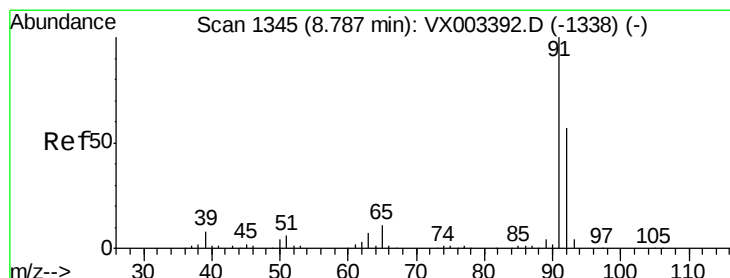
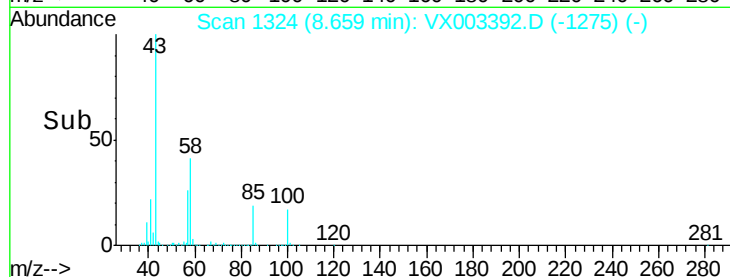
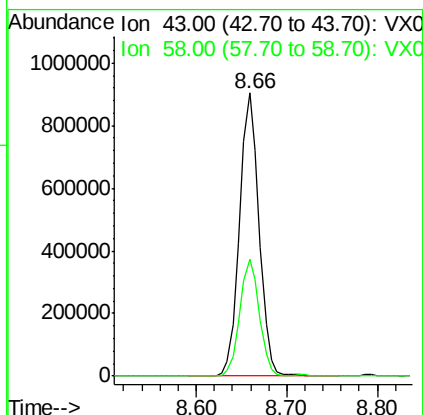
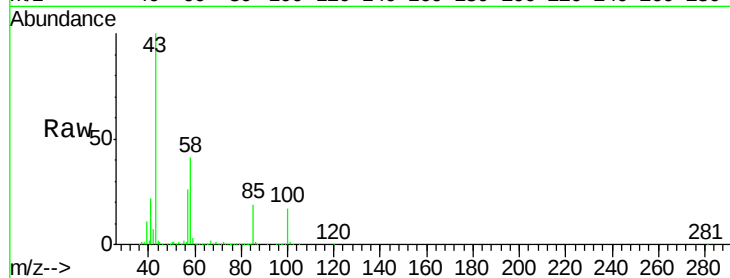




#51
 4-Methyl-2-Pentanone
 Concen: 254.004 ug/l
 RT: 8.66 min Scan# 1324
 Delta R.T. 0.00 min
 Lab File: VX003392.D
 Acq: 16 Jul 2018 11:47

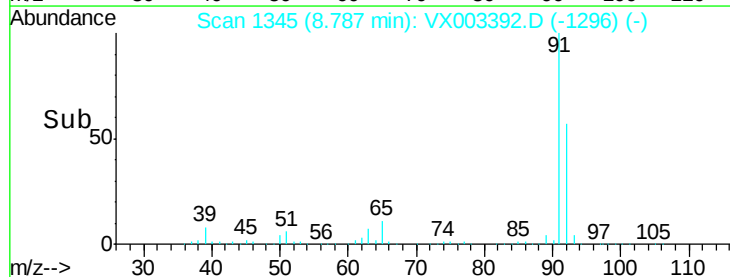
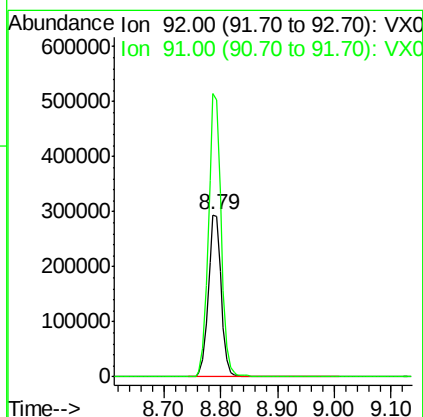
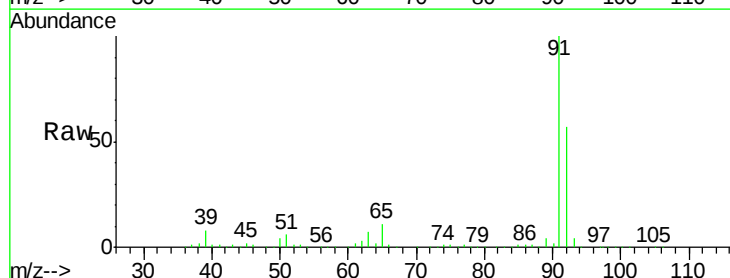
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

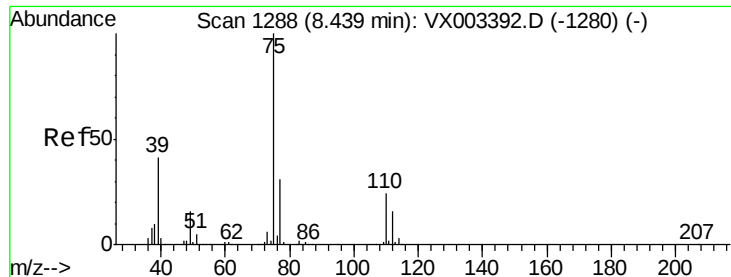
Tgt Ion: 43 Resp: 1352105
 Ion Ratio Lower Upper
 43 100
 58 41.2 28.6 42.8



#52
 Toluene
 Concen: 51.231 ug/l
 RT: 8.79 min Scan# 1345
 Delta R.T. 0.00 min
 Lab File: VX003392.D
 Acq: 16 Jul 2018 11:47

Tgt Ion: 92 Resp: 464026
 Ion Ratio Lower Upper
 92 100
 91 173.1 140.4 210.6





#53

t-1,3-Dichloropropene

Concen: 52.769 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. 0.00 min

Lab File: VX003392.D

Acq: 16 Jul 2018 11:47

Instrument :

MSVOA_X

ClientSampleId :

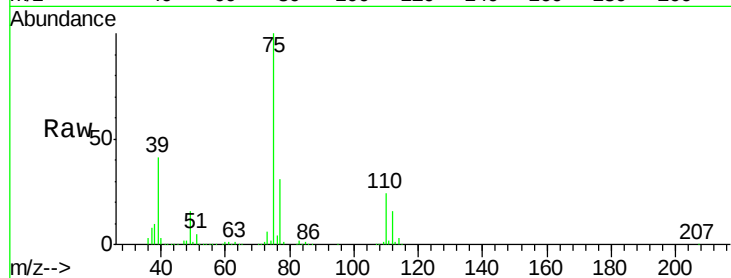
VSTDICCC050

Tgt Ion: 75 Resp: 285900

Ion Ratio Lower Upper

75 100

77 31.4 25.4 38.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

8.44

200000

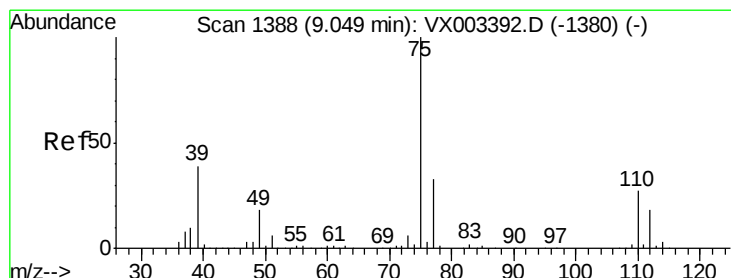
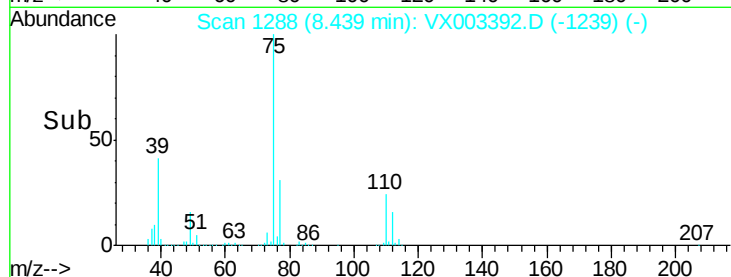
150000

100000

50000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 52.106 ug/l

RT: 9.05 min Scan# 1388

Delta R.T. 0.00 min

Lab File: VX003392.D

Acq: 16 Jul 2018 11:47

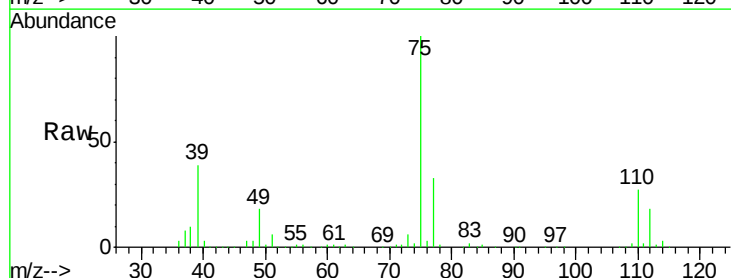
Tgt Ion: 75 Resp: 257646

Ion Ratio Lower Upper

75 100

77 32.5 24.8 37.2

39 38.6 42.4 63.6#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

250000

200000

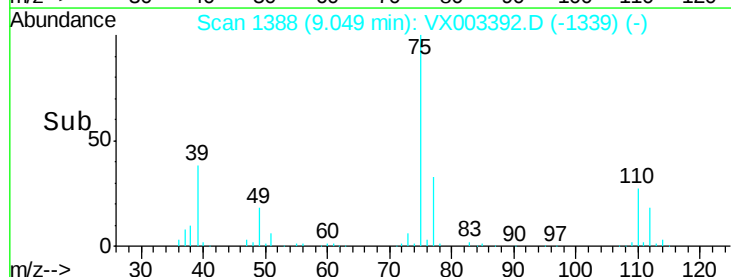
150000

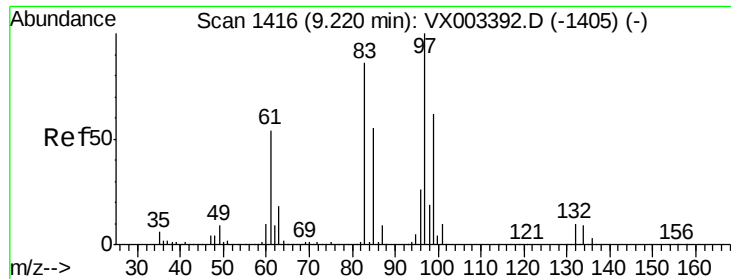
100000

50000

0

Time-->

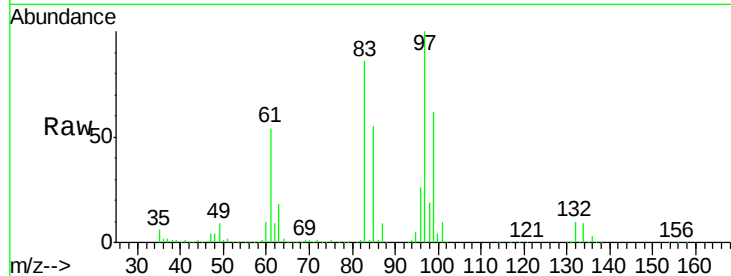




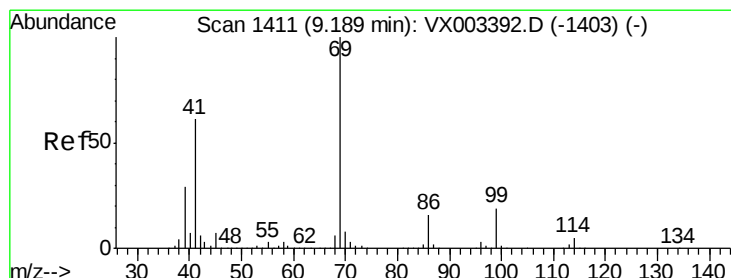
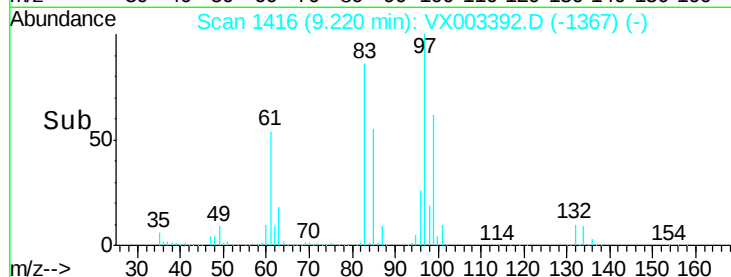
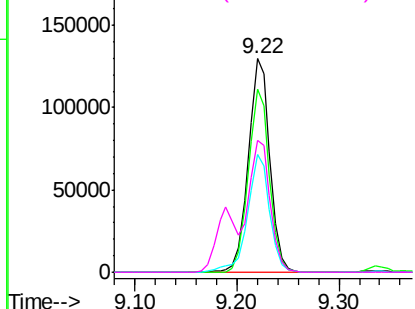
#55
 1,1,2-Trichloroethane
 Concen: 50.364 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VX003392.D
 Acq: 16 Jul 2018 11:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tgt Ion:	97	Resp:	190592
Ion	Ratio	Lower	Upper
97	100		
83	85.7	70.2	105.2
85	55.3	44.9	67.3
99	61.8	49.8	74.8

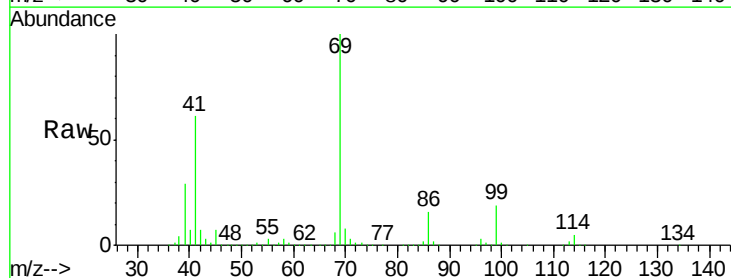


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

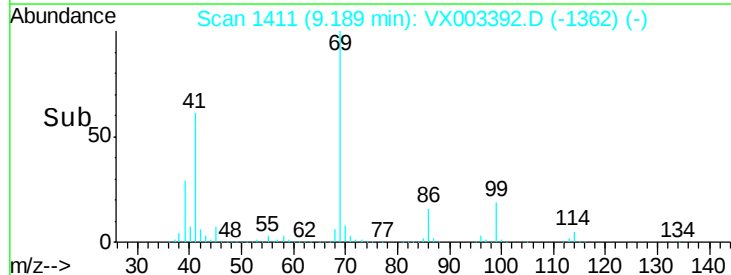
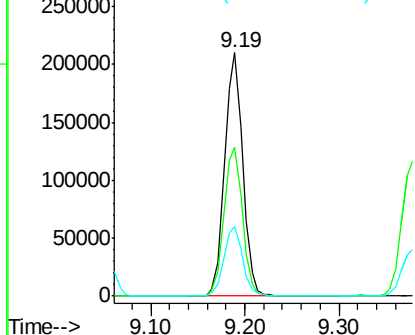


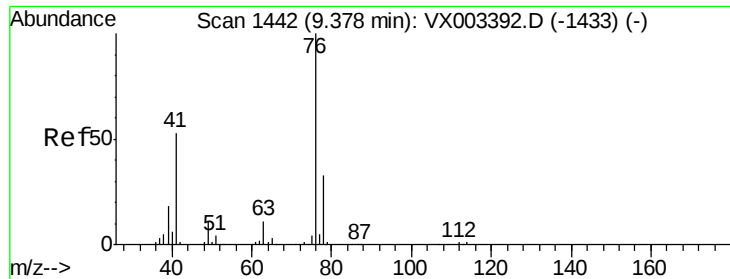
#56
 Ethyl methacrylate
 Concen: 52.315 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. 0.00 min
 Lab File: VX003392.D
 Acq: 16 Jul 2018 11:47

Tgt Ion:	69	Resp:	280311
Ion	Ratio	Lower	Upper
69	100		
41	62.3	60.3	90.5
39	29.4	35.8	53.8#



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





#57

1,3-Dichloropropane

Concen: 50.703 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. 0.00 min

Lab File: VX003392.D

Acq: 16 Jul 2018 11:47

Instrument :

MSVOA_X

ClientSampleId :

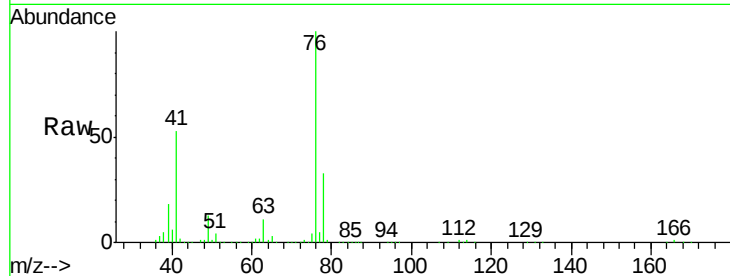
VSTDICCC050

Tgt Ion: 76 Resp: 308297

Ion Ratio Lower Upper

76 100

78 32.3 25.8 38.6



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.38

200000

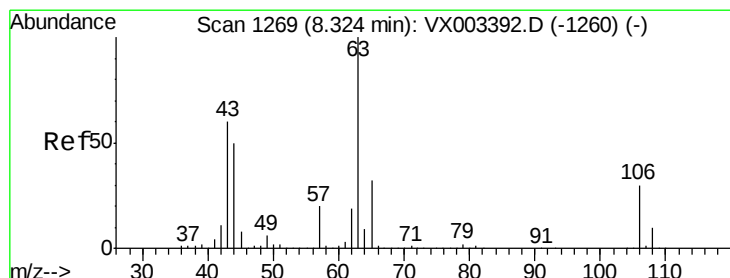
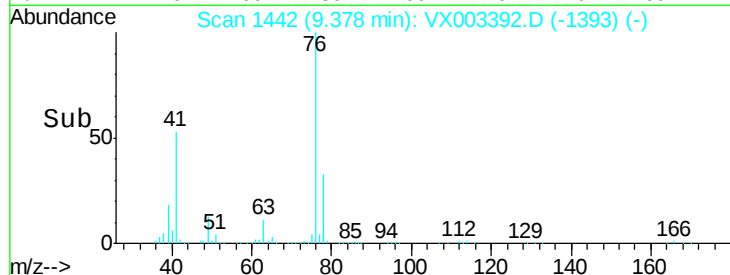
150000

100000

50000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 264.108 ug/l

RT: 8.32 min Scan# 1269

Delta R.T. 0.00 min

Lab File: VX003392.D

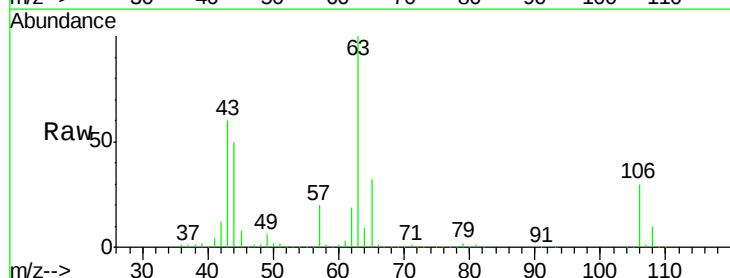
Acq: 16 Jul 2018 11:47

Tgt Ion: 63 Resp: 709615

Ion Ratio Lower Upper

63 100

106 29.2 21.8 32.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

8.32

500000

400000

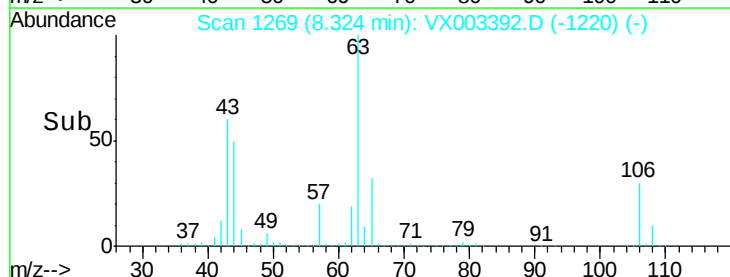
300000

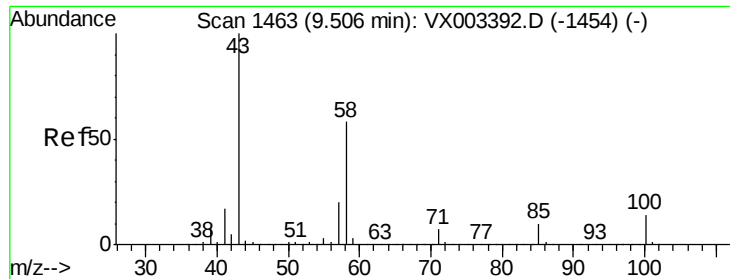
200000

100000

0

Time-->

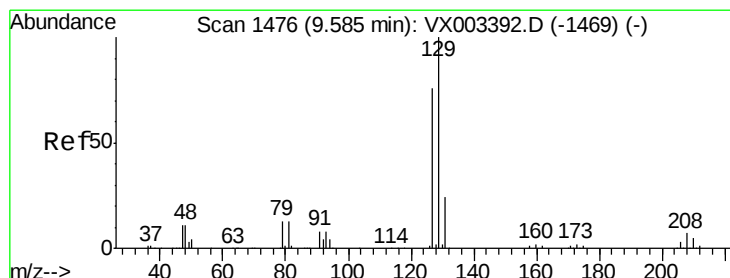
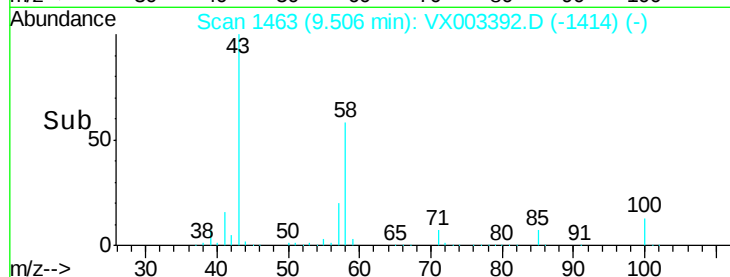
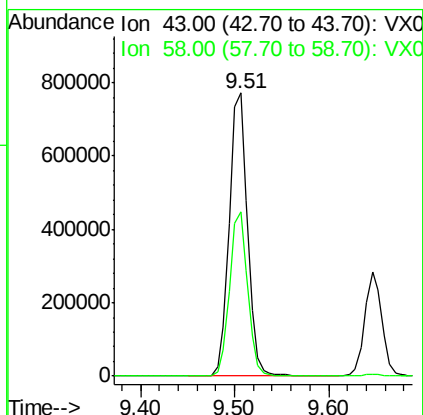
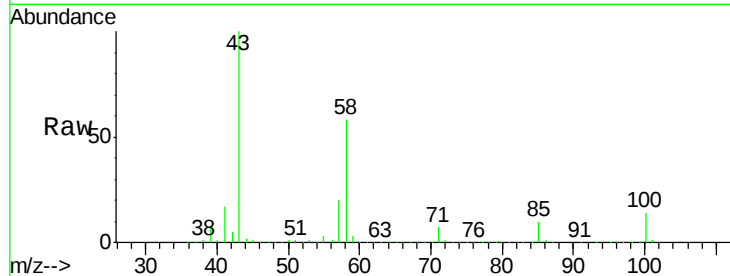




#59
2-Hexanone
Concen: 253.933 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. 0.00 min
Lab File: VX003392.D
Acq: 16 Jul 2018 11:47

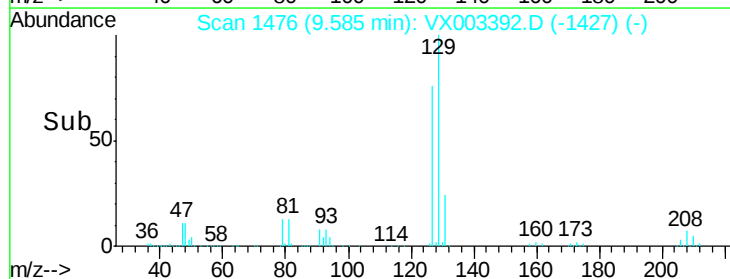
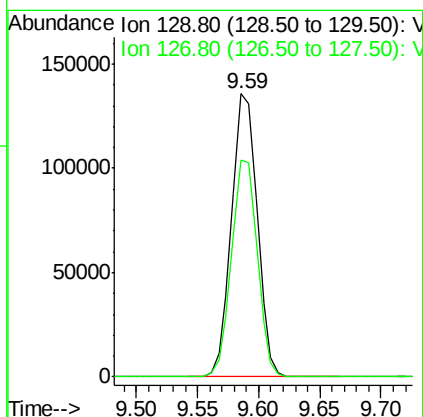
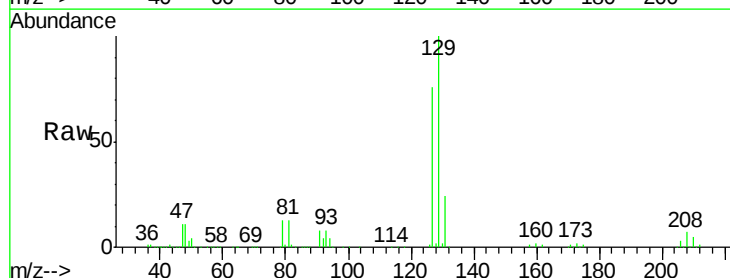
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

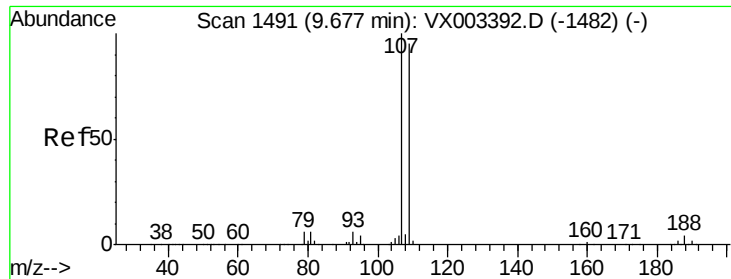
Tgt Ion: 43 Resp: 1038554
Ion Ratio Lower Upper
43 100
58 57.6 24.6 73.6



#60
Dibromochloromethane
Concen: 52.398 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. 0.00 min
Lab File: VX003392.D
Acq: 16 Jul 2018 11:47

Tgt Ion: 129 Resp: 197019
Ion Ratio Lower Upper
129 100
127 76.7 38.5 115.3

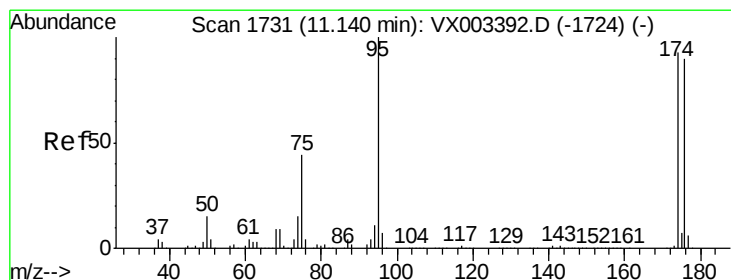
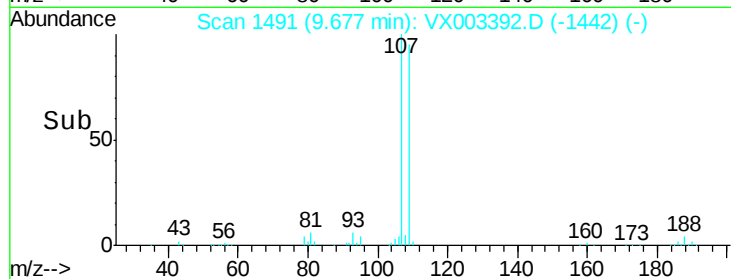
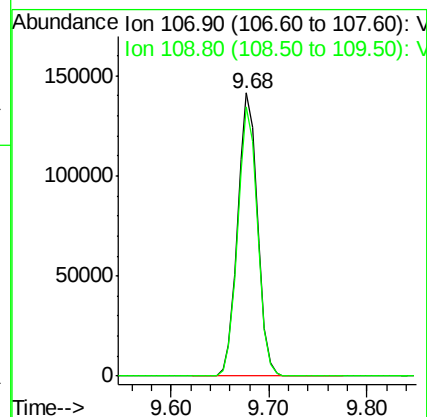
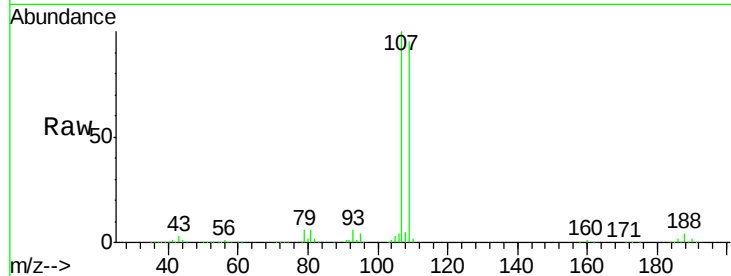




#61
 1,2-Dibromoethane
 Concen: 50.935 ug/l
 RT: 9.68 min Scan# 1491
 Delta R.T. 0.00 min
 Lab File: VX003392.D
 Acq: 16 Jul 2018 11:47

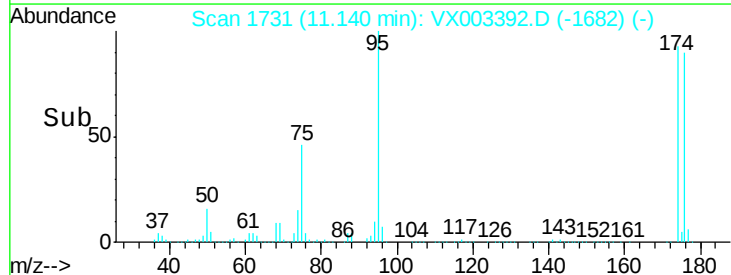
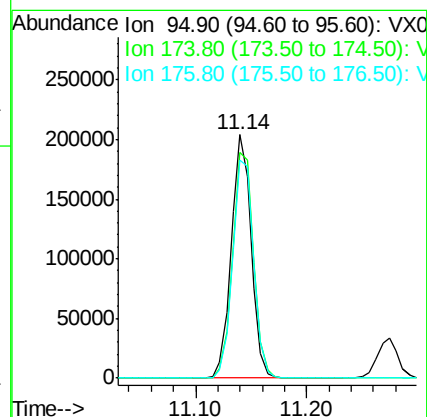
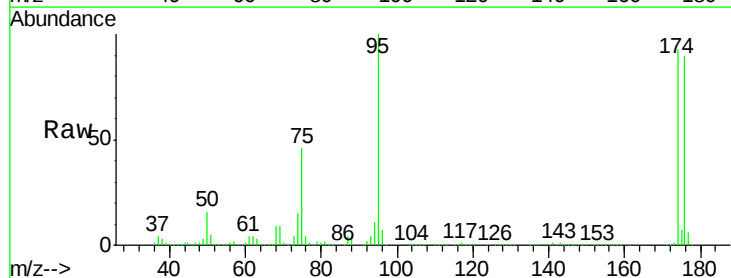
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

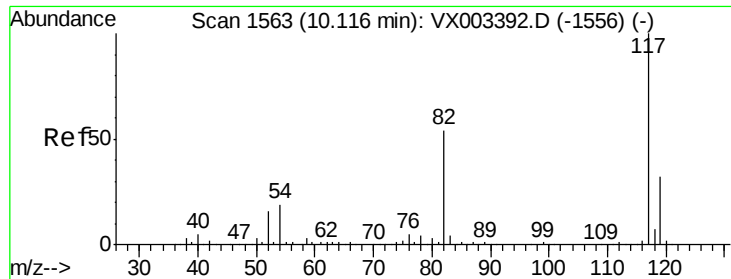
Tgt Ion: 107 Resp: 198686
 Ion Ratio Lower Upper
 107 100
 109 95.2 75.3 112.9



#62
 4-Bromofluorobenzene
 Concen: 50.219 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. 0.00 min
 Lab File: VX003392.D
 Acq: 16 Jul 2018 11:47

Tgt Ion: 95 Resp: 251367
 Ion Ratio Lower Upper
 95 100
 174 97.3 0.0 187.4
 176 94.6 0.0 181.0

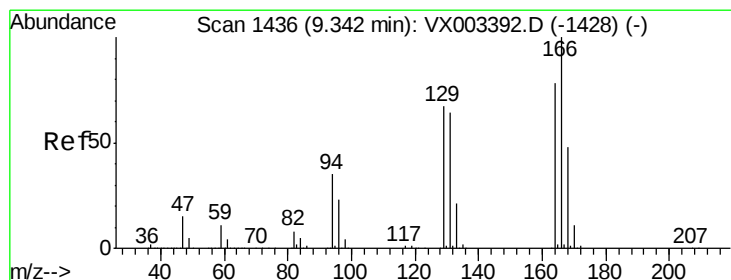
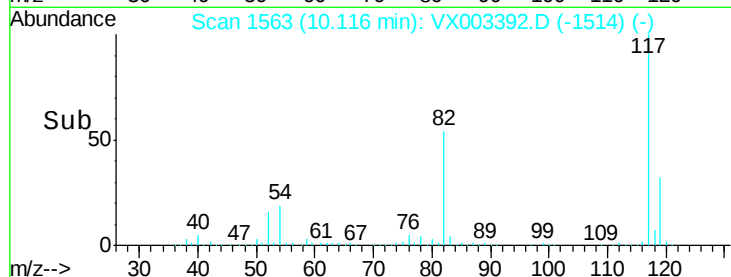
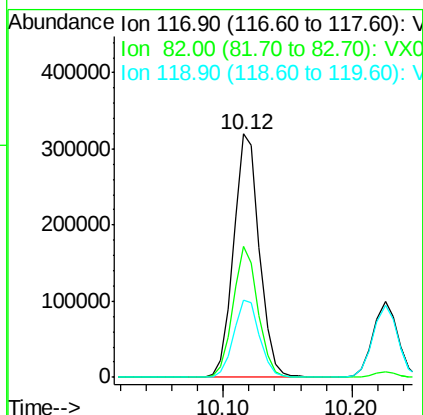
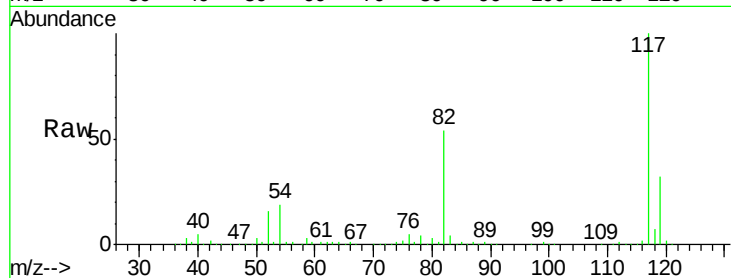




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX003392.D
Acq: 16 Jul 2018 11:47

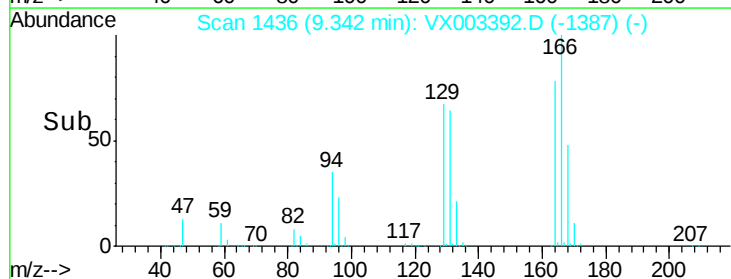
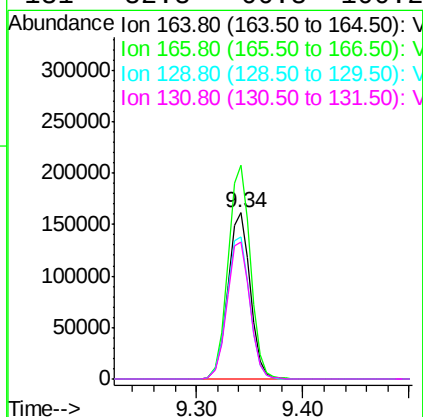
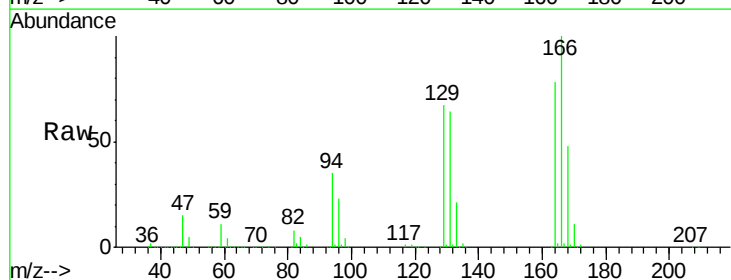
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

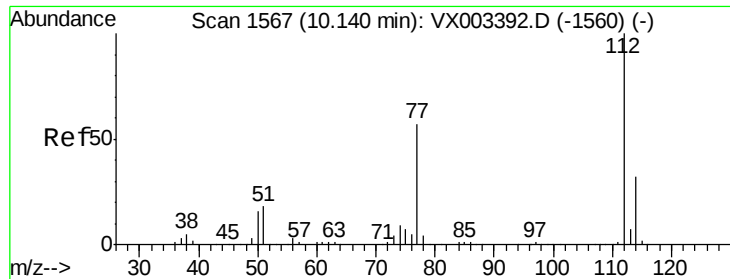
Tgt Ion:117 Resp: 445090
Ion Ratio Lower Upper
117 100
82 53.7 45.0 67.4
119 32.0 25.8 38.6



#64
Tetrachloroethene
Concen: 51.087 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. 0.00 min
Lab File: VX003392.D
Acq: 16 Jul 2018 11:47

Tgt Ion:164 Resp: 237892
Ion Ratio Lower Upper
164 100
166 128.5 102.9 154.3
129 85.7 68.6 102.8
131 82.8 66.8 100.2

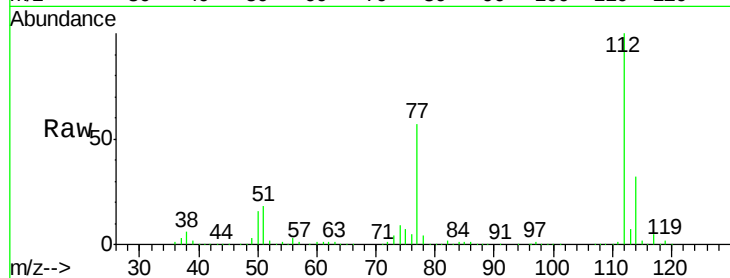




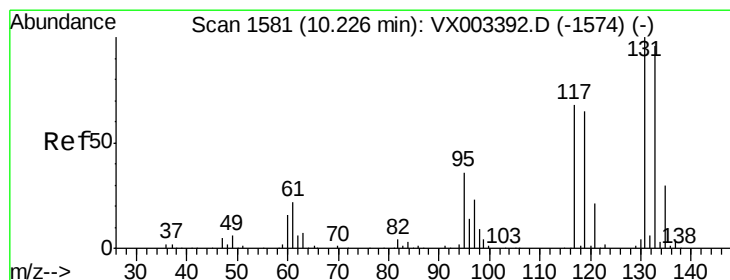
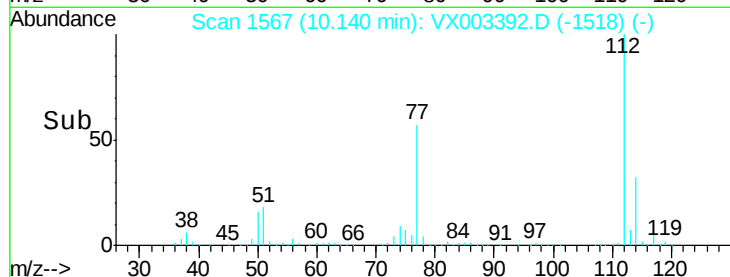
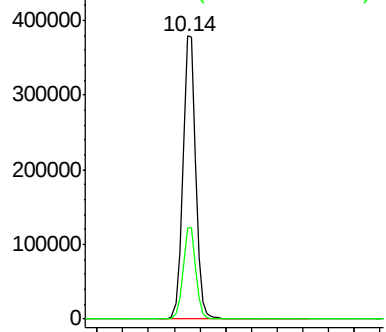
#65
Chlorobenzene
Concen: 50.448 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VX003392.D
Acq: 16 Jul 2018 11:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion:112 Resp: 530427
Ion Ratio Lower Upper
112 100
114 32.1 25.3 37.9

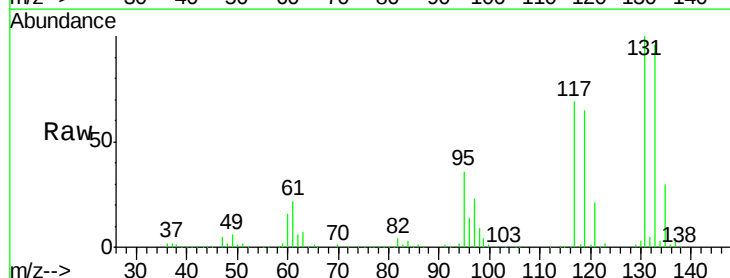


Abundance Ion 111.90 (111.60 to 112.60): V
Ion 113.90 (113.60 to 114.60): V

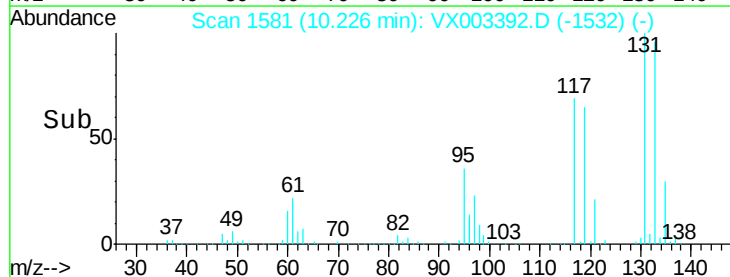
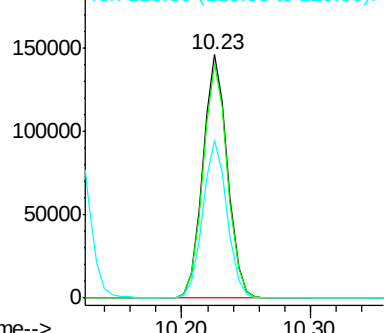


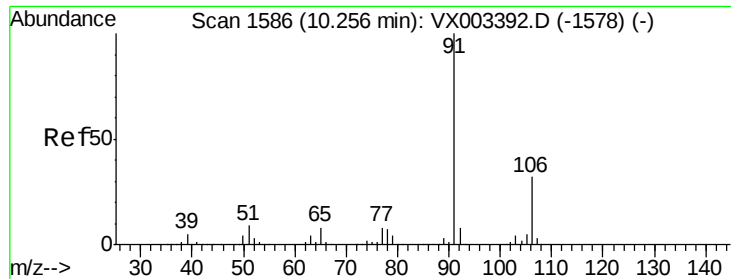
#66
1,1,1,2-Tetrachloroethane
Concen: 51.526 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. 0.00 min
Lab File: VX003392.D
Acq: 16 Jul 2018 11:47

Tgt Ion:131 Resp: 192581
Ion Ratio Lower Upper
131 100
133 96.5 47.9 143.6
119 64.8 31.8 95.3



Abundance Ion 130.80 (130.50 to 131.50): V
Ion 132.80 (132.50 to 133.50): V
Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 51.175 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. 0.00 min

Lab File: VX003392.D

Acq: 16 Jul 2018 11:47

Instrument :

MSVOA_X

ClientSampleId :

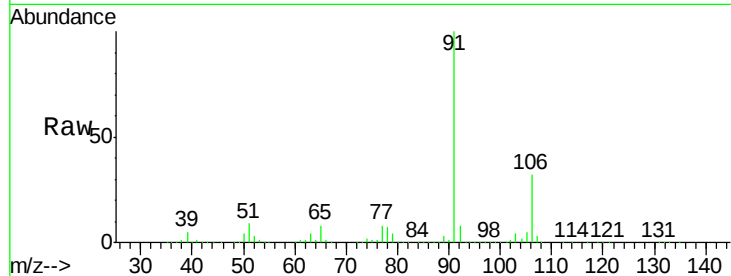
VSTDICCC050

Tgt Ion: 91 Resp: 879433

Ion Ratio Lower Upper

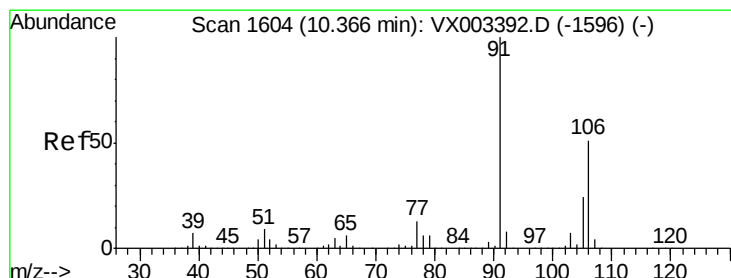
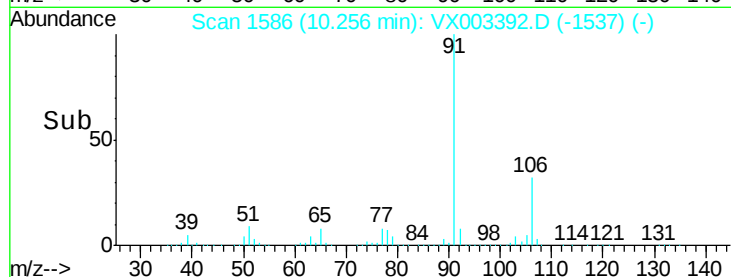
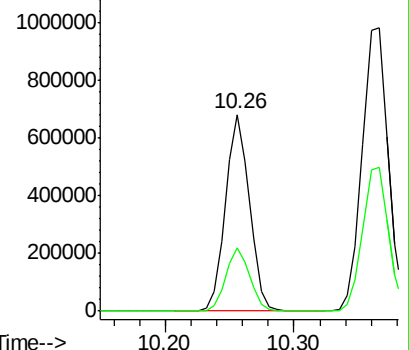
91 100

106 32.0 25.5 38.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 104.333 ug/l

RT: 10.37 min Scan# 1604

Delta R.T. 0.00 min

Lab File: VX003392.D

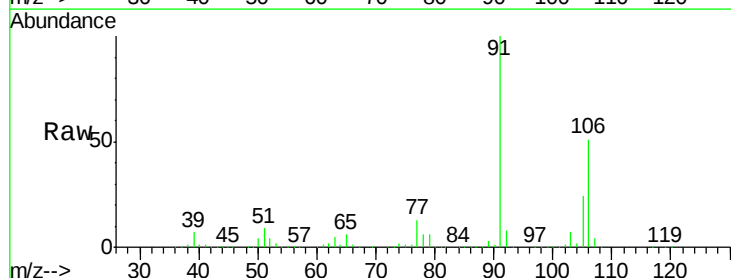
Acq: 16 Jul 2018 11:47

Tgt Ion: 106 Resp: 693559

Ion Ratio Lower Upper

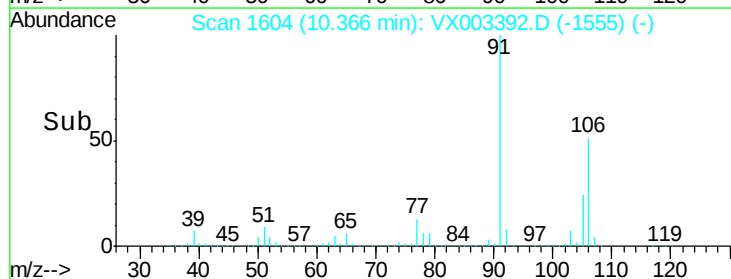
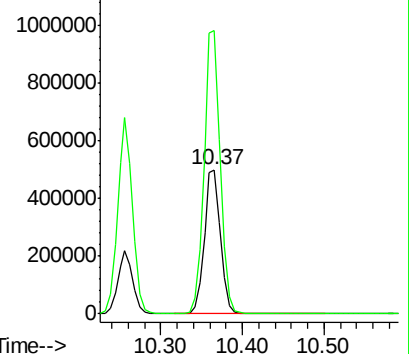
106 100

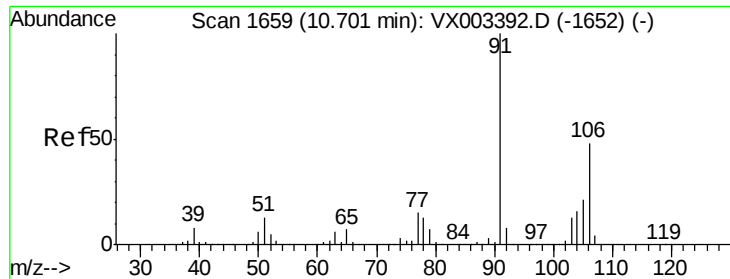
91 197.9 163.4 245.2



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

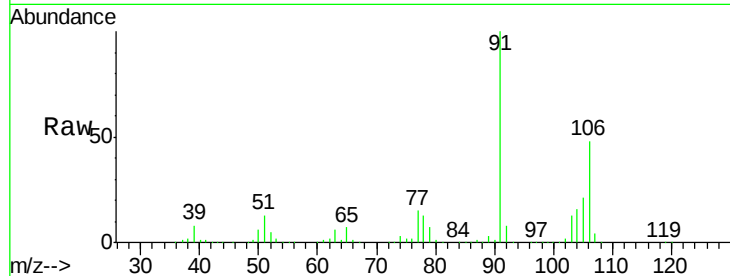




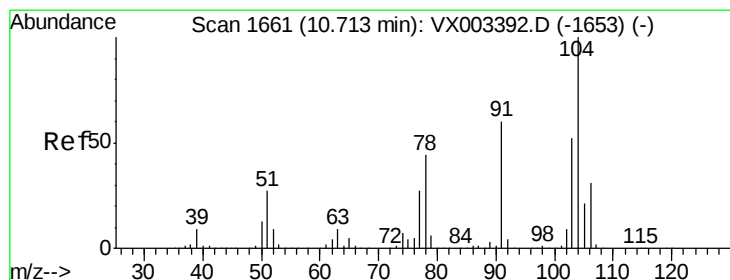
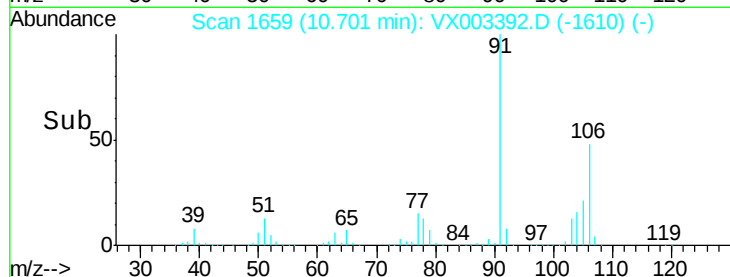
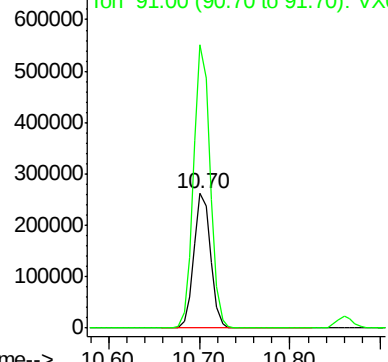
#69
o-Xylene
Concen: 53.055 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX003392.D
Acq: 16 Jul 2018 11:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion:106 Resp: 338754
Ion Ratio Lower Upper
106 100
91 208.4 108.2 324.6

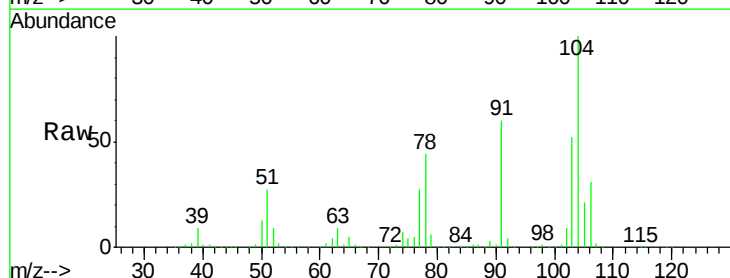


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

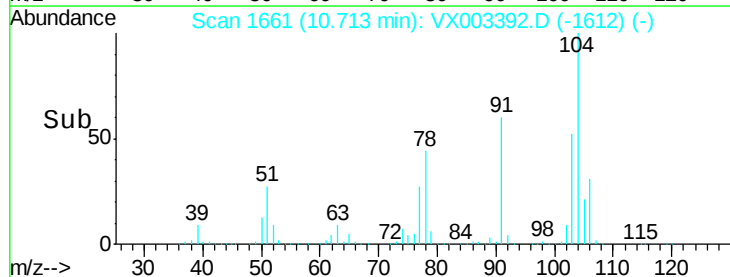
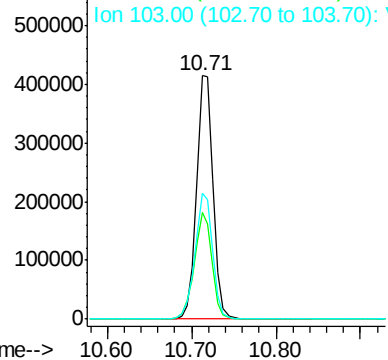


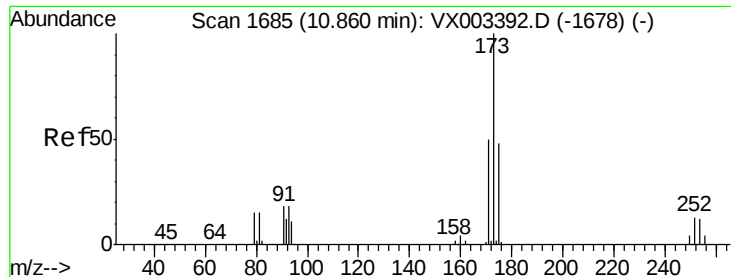
#70
Styrene
Concen: 53.581 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX003392.D
Acq: 16 Jul 2018 11:47

Tgt Ion:104 Resp: 563029
Ion Ratio Lower Upper
104 100
78 46.6 41.0 61.6
103 55.2 44.2 66.4



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

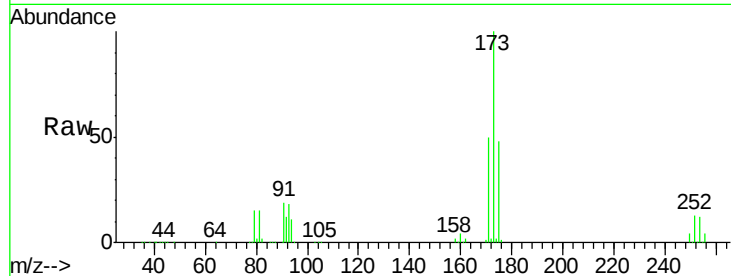




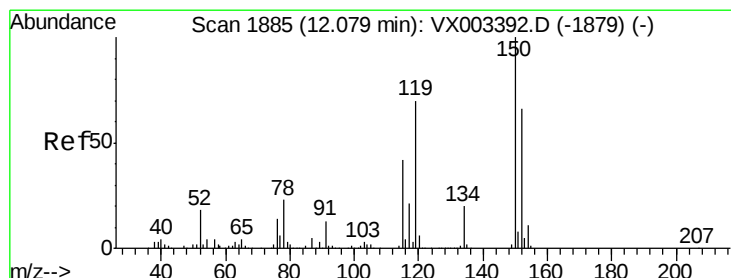
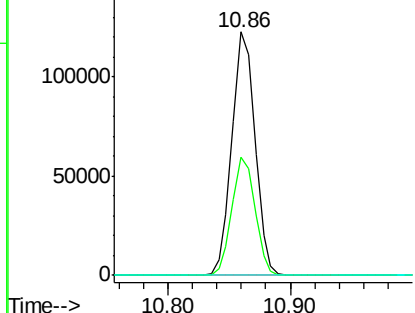
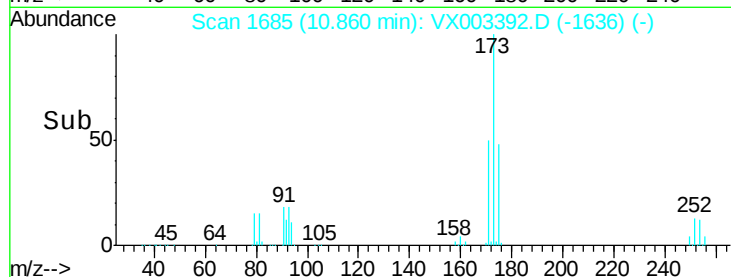
#71
Bromoform
Concen: 53.320 ug/l
RT: 10.86 min Scan# 1685
Delta R.T. 0.00 min
Lab File: VX003392.D
Acq: 16 Jul 2018 11:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion:173 Resp: 160311
Ion Ratio Lower Upper
173 100
175 48.4 24.7 74.1
254 0.2 0.2 0.2

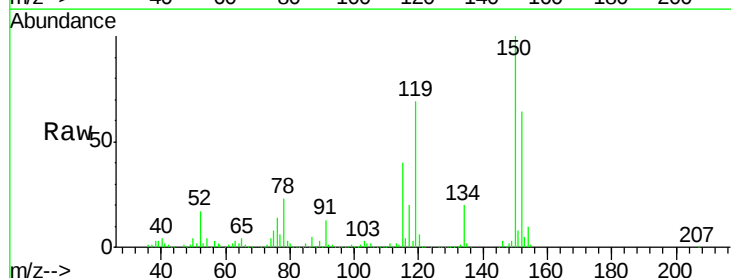


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

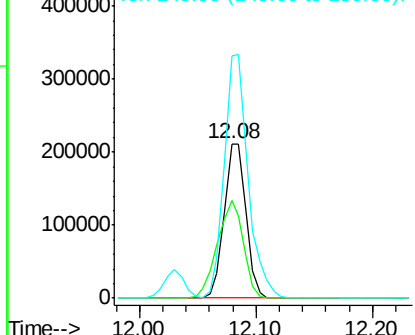
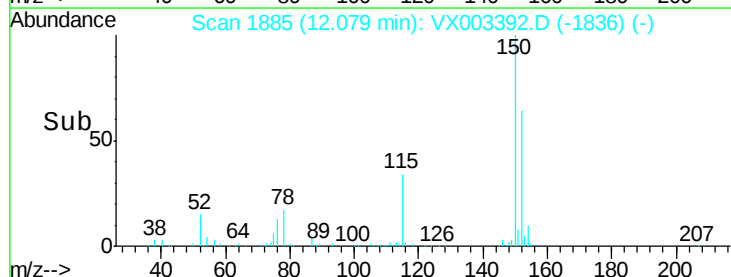


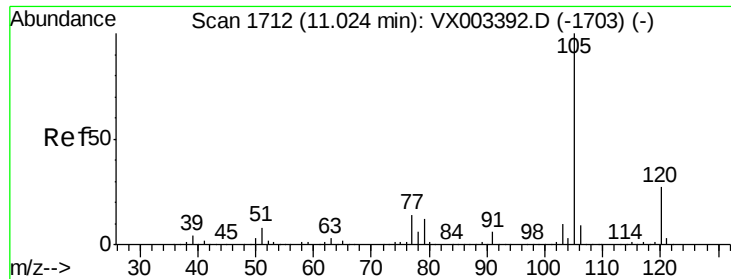
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX003392.D
Acq: 16 Jul 2018 11:47

Tgt Ion:152 Resp: 272495
Ion Ratio Lower Upper
152 100
115 74.6 40.1 120.2
150 173.1 0.0 347.2



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





#73

Isopropylbenzene

Concen: 51.364 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. 0.00 min

Lab File: VX003392.D

Acq: 16 Jul 2018 11:47

Instrument :

MSVOA_X

ClientSampleId :

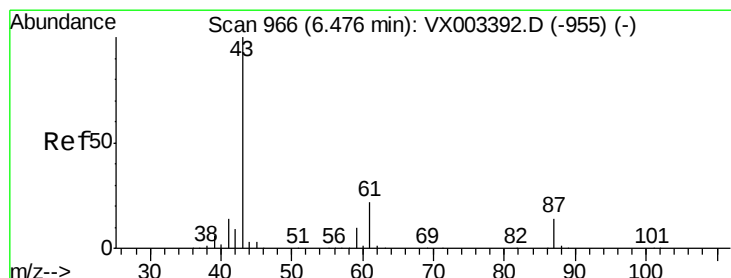
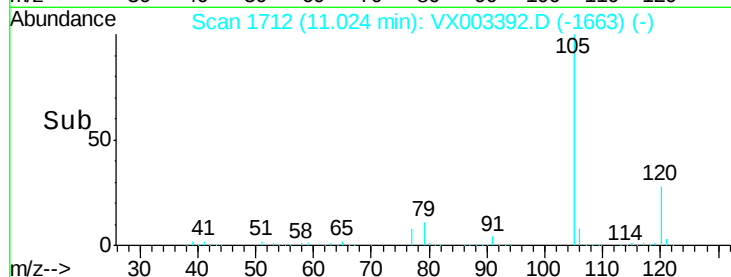
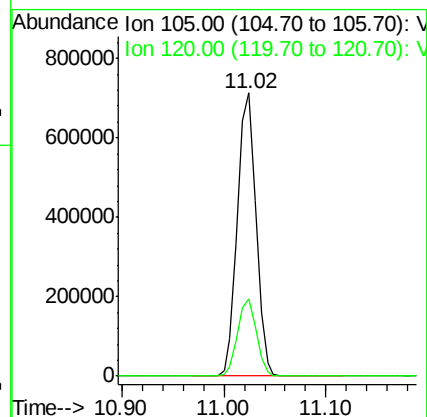
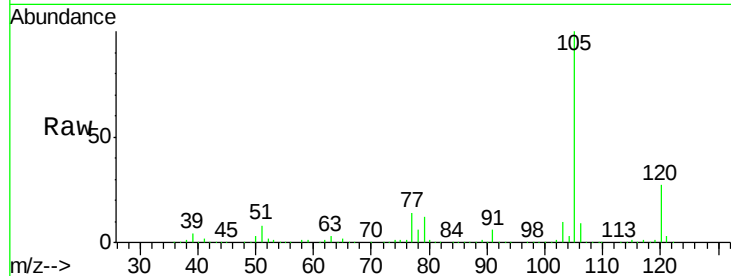
VSTDICCC050

Tgt Ion:105 Resp: 896186

Ion Ratio Lower Upper

105 100

120 27.3 13.5 40.4



#74

N-ethyl acetate

Concen: 47.178 ug/l

RT: 6.48 min Scan# 966

Delta R.T. 0.00 min

Lab File: VX003392.D

Acq: 16 Jul 2018 11:47

Tgt Ion: 43 Resp: 395867

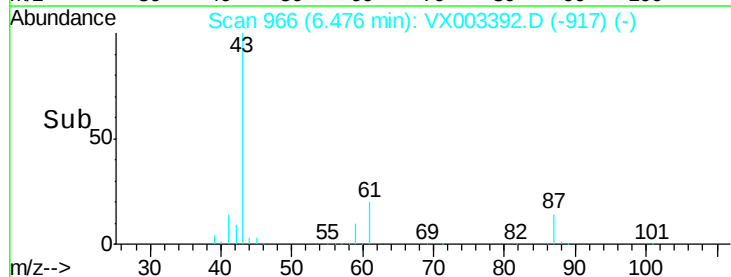
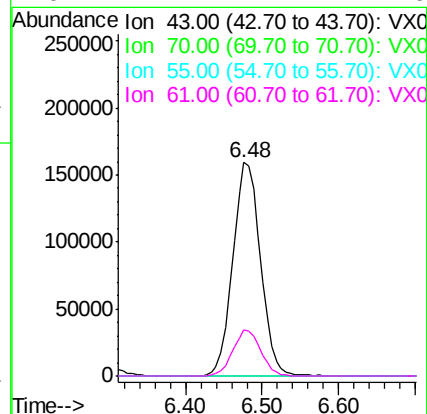
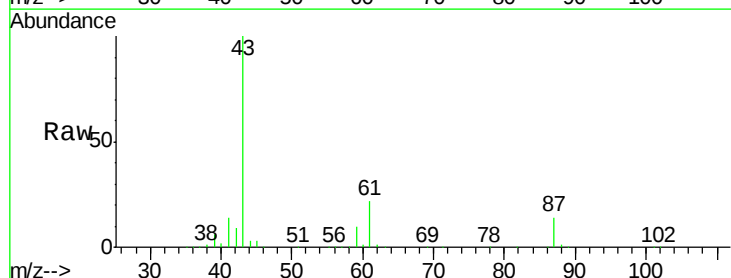
Ion Ratio Lower Upper

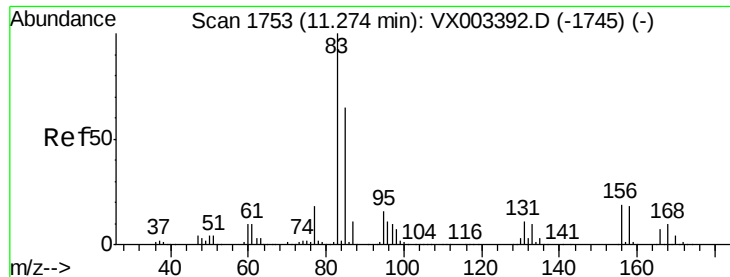
43 100

70 0.0 0.0 0.0

55 0.1 0.0 0.0#

61 21.7 14.4 21.6#

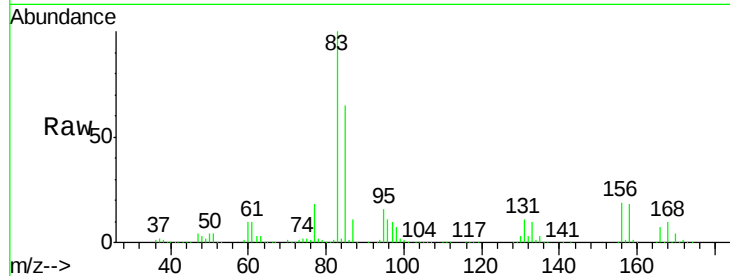




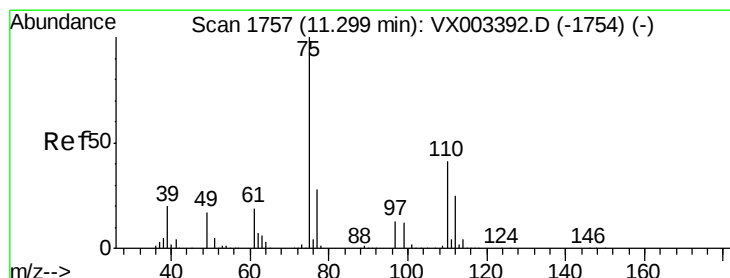
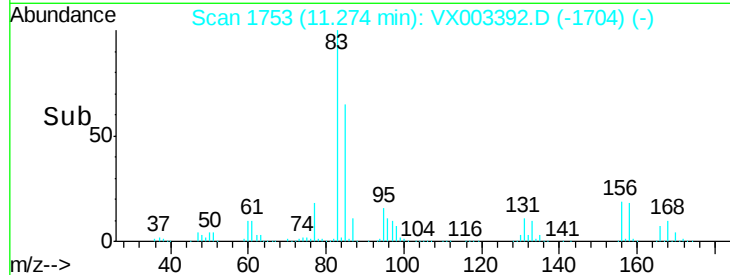
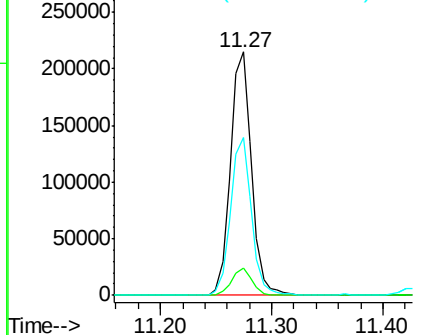
#75
 1,1,2,2-Tetrachloroethane
 Concen: 48.571 ug/l
 RT: 11.27 min Scan# 1753
 Delta R.T. 0.00 min
 Lab File: VX003392.D
 Acq: 16 Jul 2018 11:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tgt Ion: 83 Resp: 279742
 Ion Ratio Lower Upper
 83 100
 131 10.9 5.6 16.8
 85 64.5 32.4 97.2

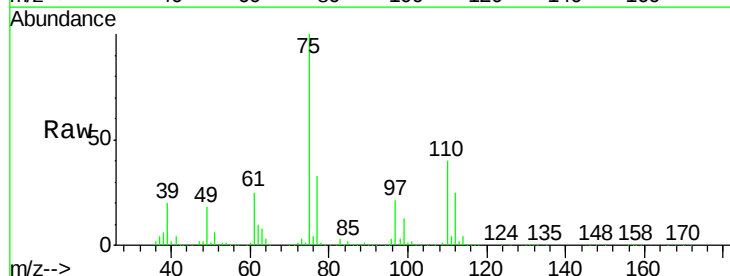


Abundance Ion 82.90 (82.60 to 83.60): VX0
 Ion 130.80 (130.50 to 131.50): V
 Ion 84.90 (84.60 to 85.60): VX0

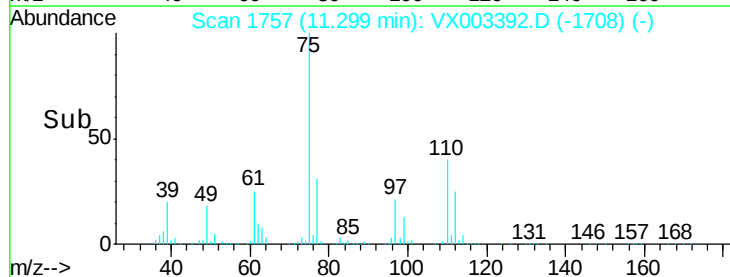
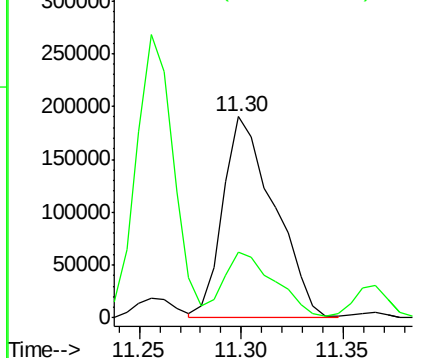


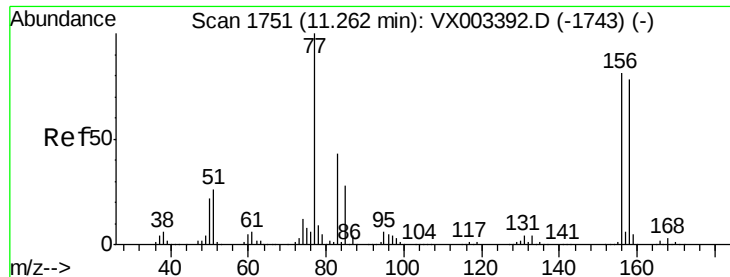
#76
 1,2,3-Trichloropropane
 Concen: 67.522 ug/l
 RT: 11.30 min Scan# 1757
 Delta R.T. 0.00 min
 Lab File: VX003392.D
 Acq: 16 Jul 2018 11:47

Tgt Ion: 75 Resp: 333094
 Ion Ratio Lower Upper
 75 100
 77 32.5 22.8 68.3



Abundance Ion 74.90 (74.60 to 75.60): VX0
 Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 50.704 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. 0.00 min

Lab File: VX003392.D

Acq: 16 Jul 2018 11:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

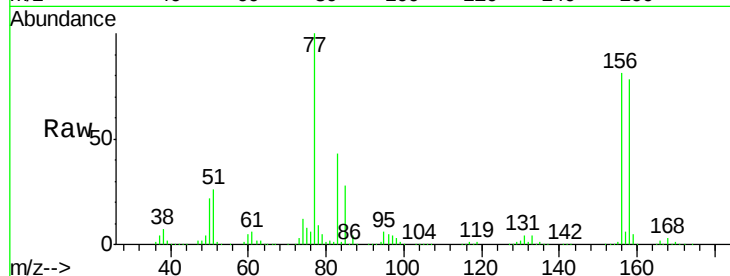
Tgt Ion:156 Resp: 251262

Ion Ratio Lower Upper

156 100

77 135.2 71.4 214.2

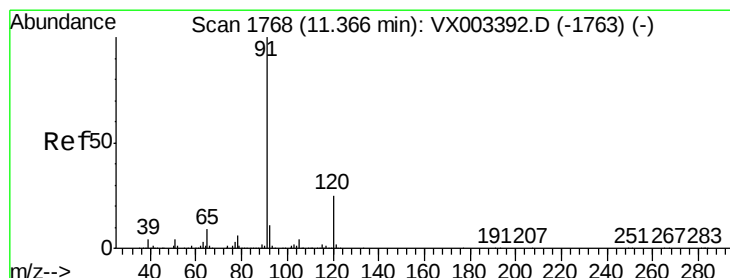
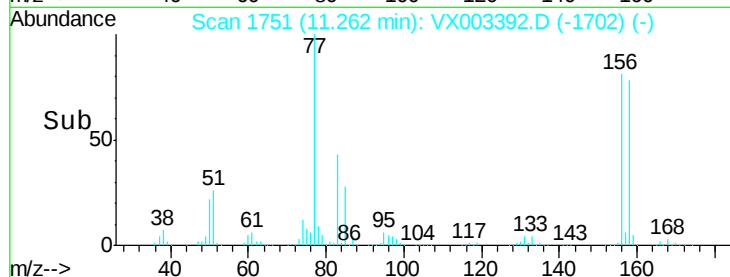
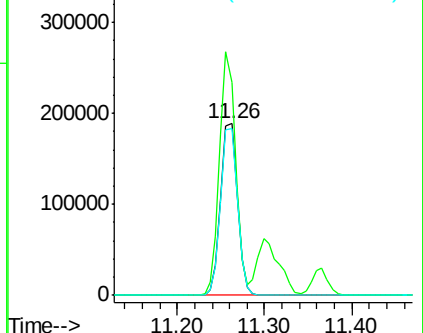
158 97.4 48.9 146.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 51.780 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. 0.00 min

Lab File: VX003392.D

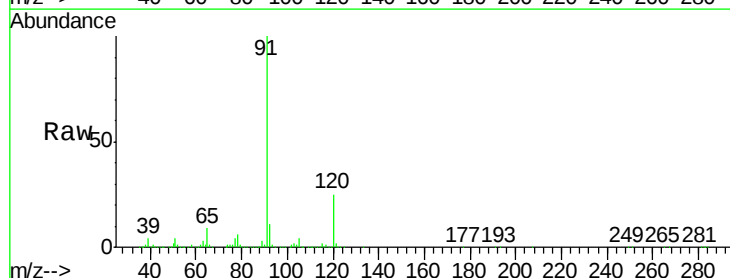
Acq: 16 Jul 2018 11:47

Tgt Ion: 91 Resp: 1009329

Ion Ratio Lower Upper

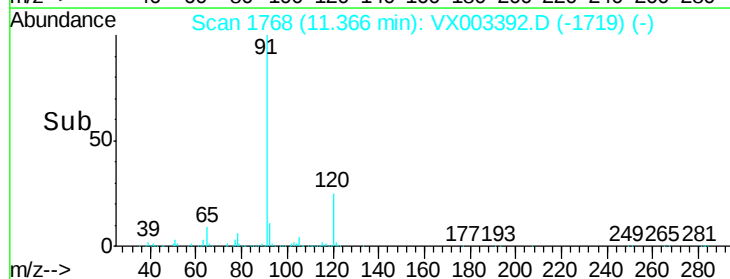
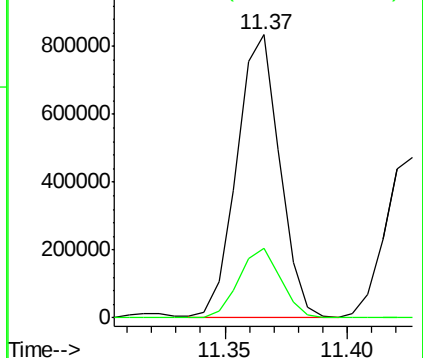
91 100

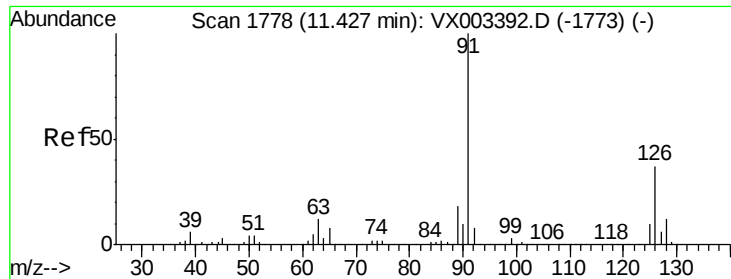
120 24.5 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

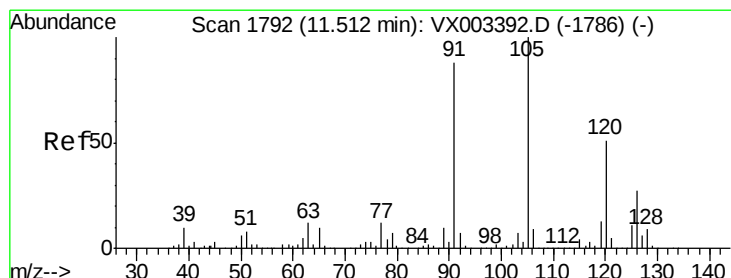
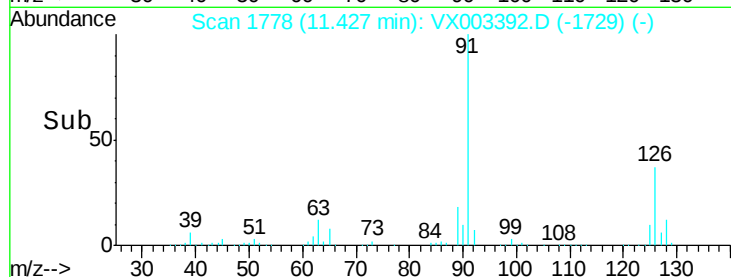
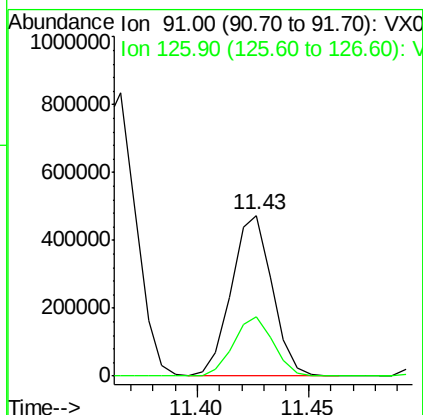
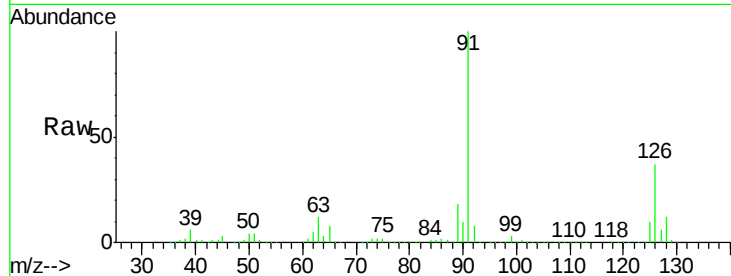




#79
 2-Chlorotoluene
 Concen: 50.081 ug/l
 RT: 11.43 min Scan# 1778
 Delta R.T. 0.00 min
 Lab File: VX003392.D
 Acq: 16 Jul 2018 11:47

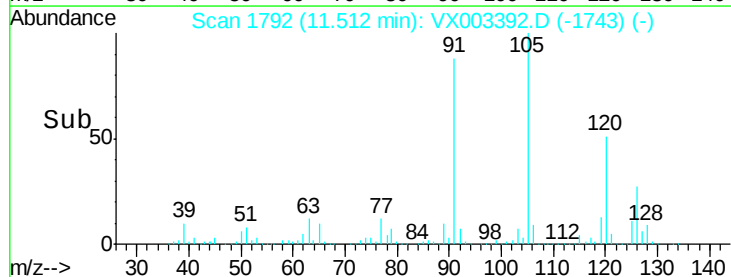
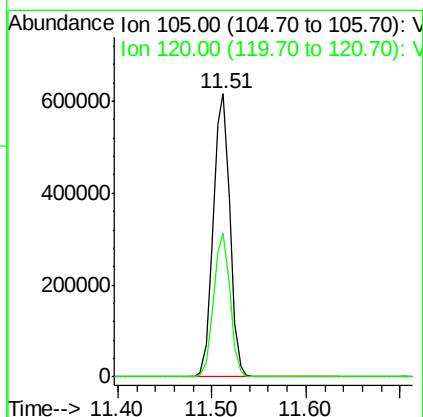
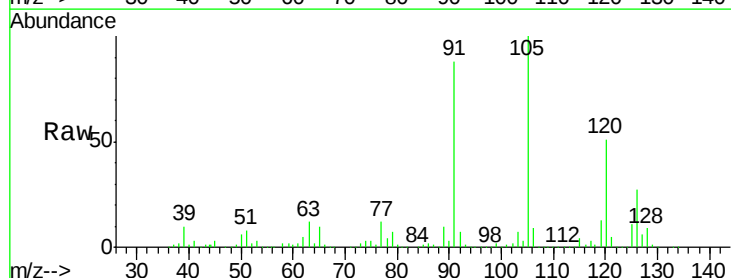
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

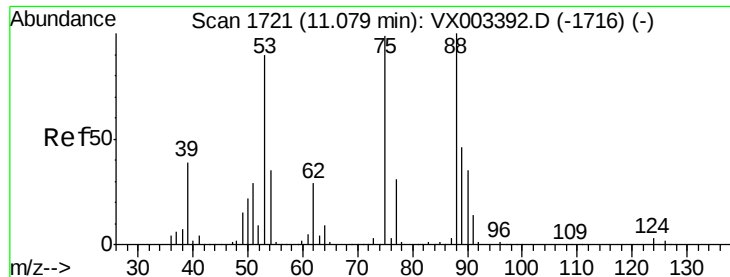
Tgt Ion: 91 Resp: 598491
 Ion Ratio Lower Upper
 91 100
 126 36.6 17.7 53.1



#80
 1,3,5-Trimethylbenzene
 Concen: 52.555 ug/l
 RT: 11.51 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX003392.D
 Acq: 16 Jul 2018 11:47

Tgt Ion: 105 Resp: 749056
 Ion Ratio Lower Upper
 105 100
 120 50.2 24.4 73.4





#81

trans-1,4-Dichloro-2-butene

Concen: 53.515 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. 0.00 min

Lab File: VX003392.D

Acq: 16 Jul 2018 11:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

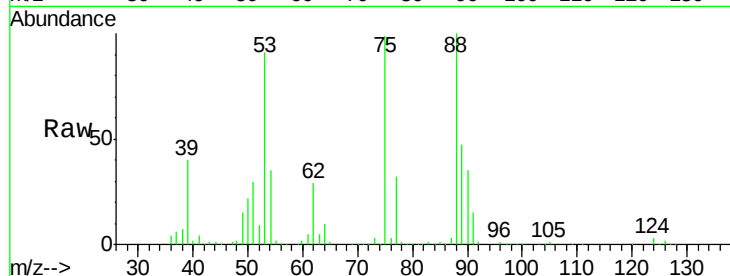
Tgt Ion: 75 Resp: 81262

Ion Ratio Lower Upper

75 100

53 91.3 86.8 130.2

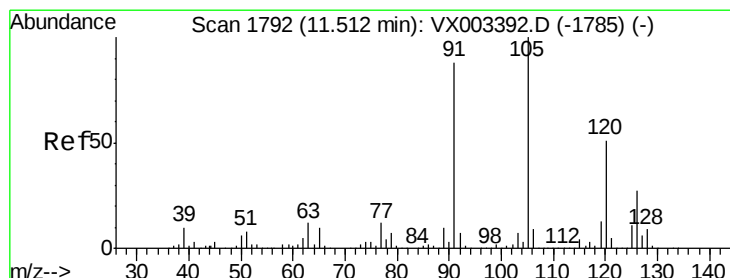
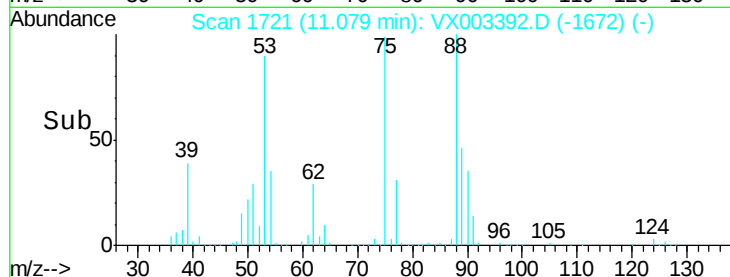
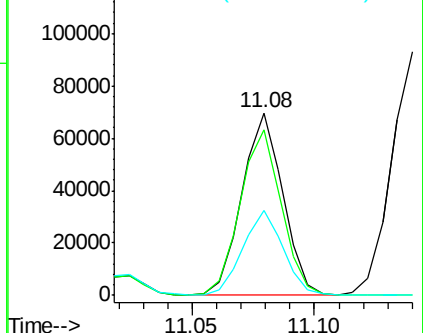
89 46.7 38.2 57.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 50.180 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX003392.D

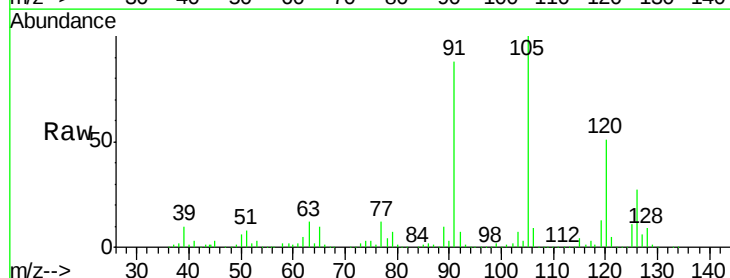
Acq: 16 Jul 2018 11:47

Tgt Ion: 91 Resp: 699666

Ion Ratio Lower Upper

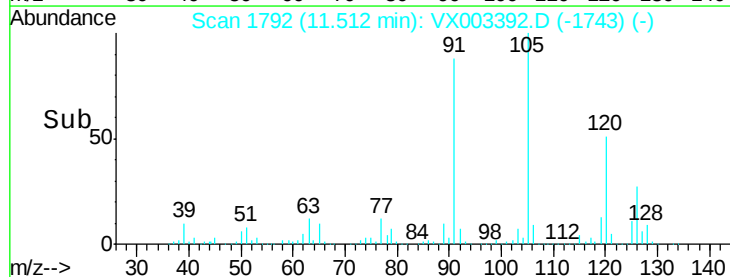
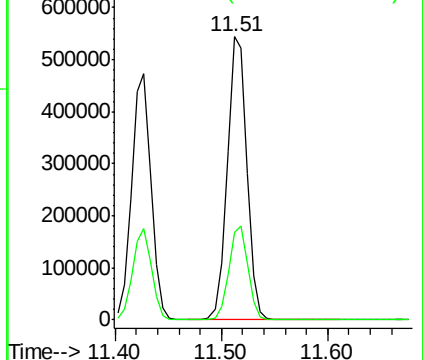
91 100

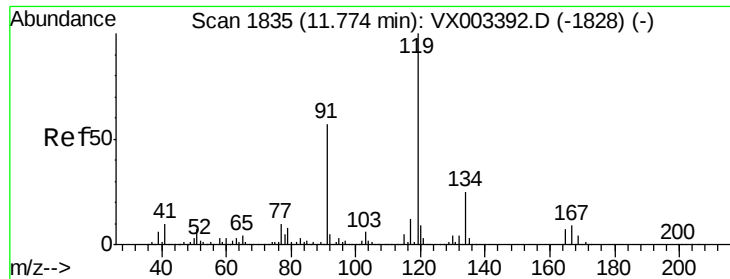
126 32.5 15.4 46.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

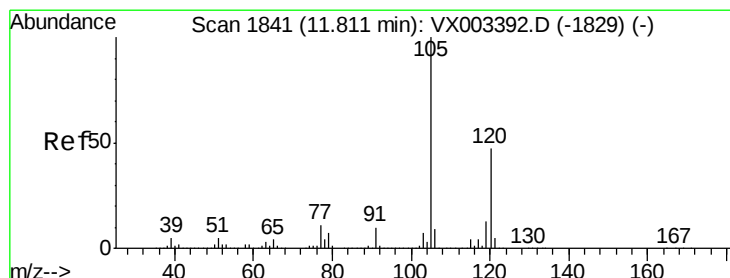
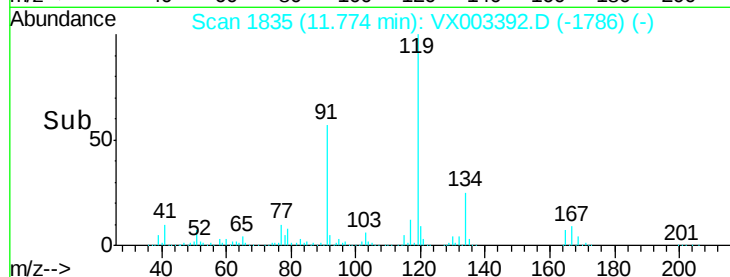
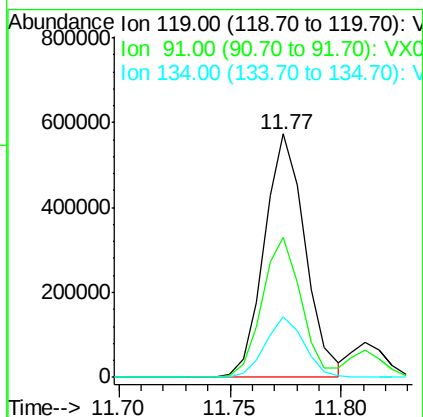
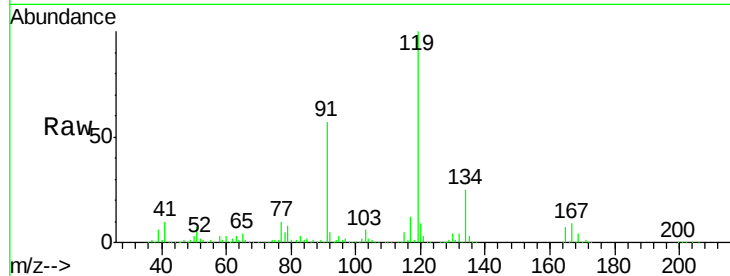




#83
 tert-Butylbenzene
 Concen: 52.372 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. 0.00 min
 Lab File: VX003392.D
 Acq: 16 Jul 2018 11:47

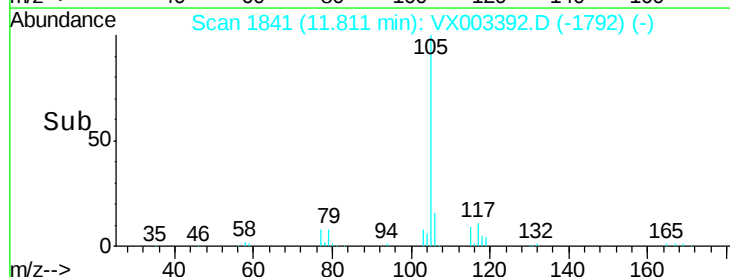
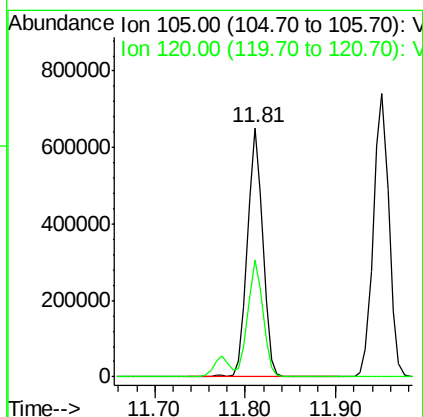
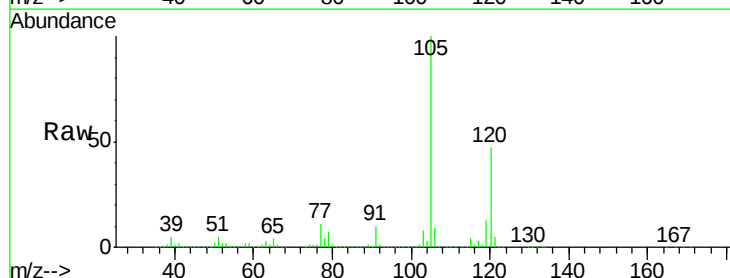
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

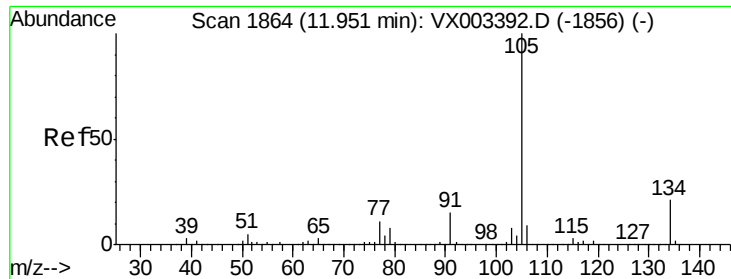
Tgt Ion:119 Resp: 729533
 Ion Ratio Lower Upper
 119 100
 91 55.5 30.3 90.9
 134 23.7 11.7 35.1



#84
 1,2,4-Trimethylbenzene
 Concen: 52.455 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: VX003392.D
 Acq: 16 Jul 2018 11:47

Tgt Ion:105 Resp: 768031
 Ion Ratio Lower Upper
 105 100
 120 46.5 22.3 66.8

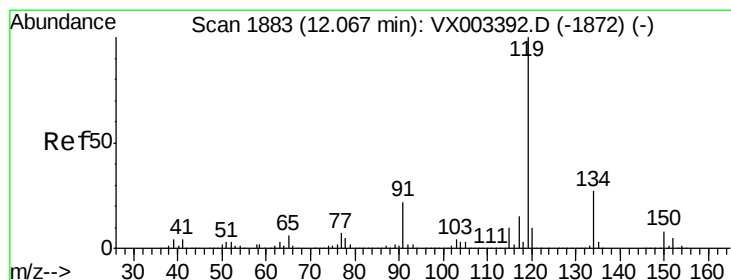
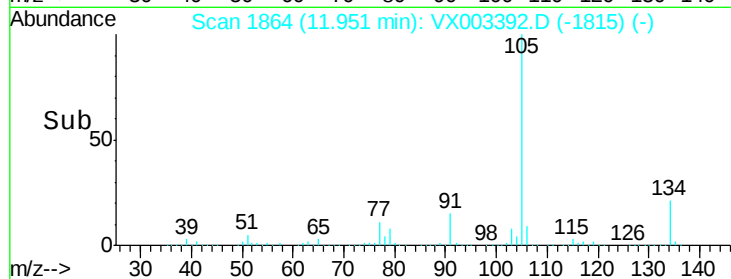
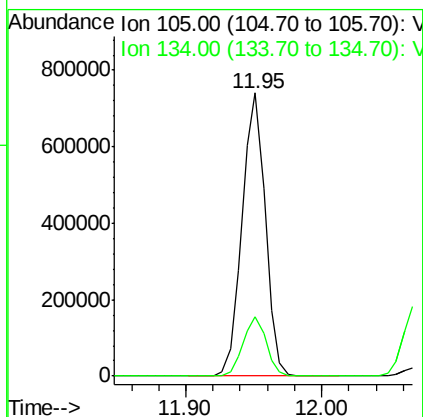
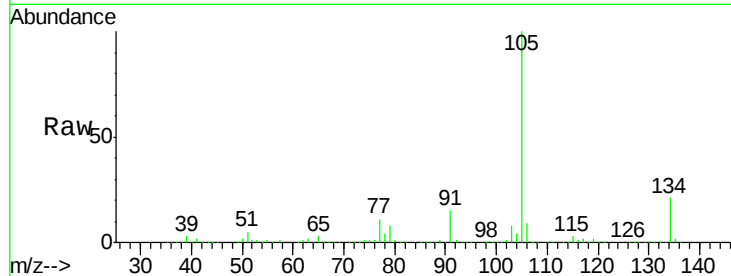




#85
 sec-Butylbenzene
 Concen: 52.157 ug/l
 RT: 11.95 min Scan# 1864
 Delta R.T. 0.00 min
 Lab File: VX003392.D
 Acq: 16 Jul 2018 11:47

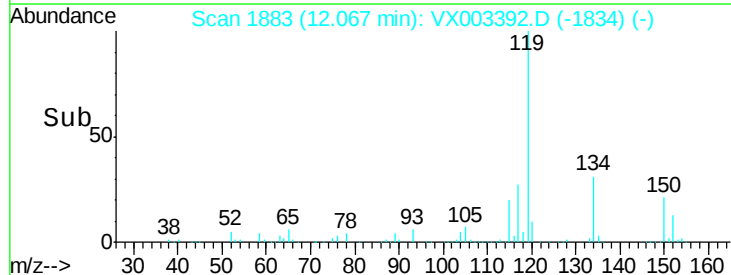
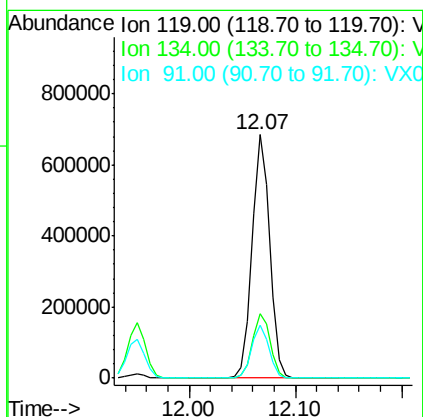
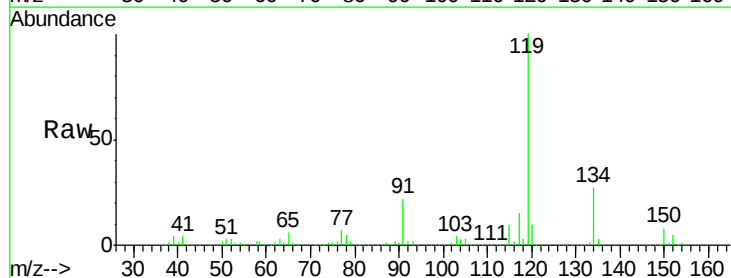
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

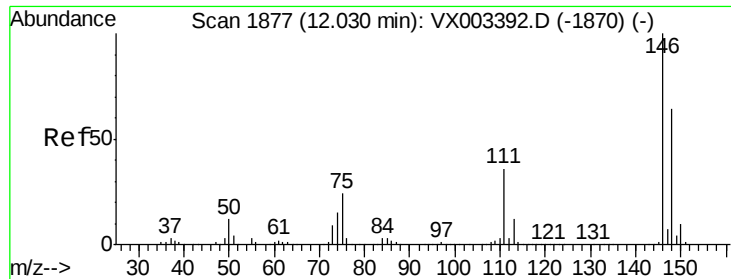
Tgt Ion:105 Resp: 881376
 Ion Ratio Lower Upper
 105 100
 134 20.9 10.4 31.1



#86
 p-Isopropyltoluene
 Concen: 52.999 ug/l
 RT: 12.07 min Scan# 1883
 Delta R.T. 0.00 min
 Lab File: VX003392.D
 Acq: 16 Jul 2018 11:47

Tgt Ion:119 Resp: 797218
 Ion Ratio Lower Upper
 119 100
 134 26.9 13.4 40.1
 91 21.6 11.9 35.7

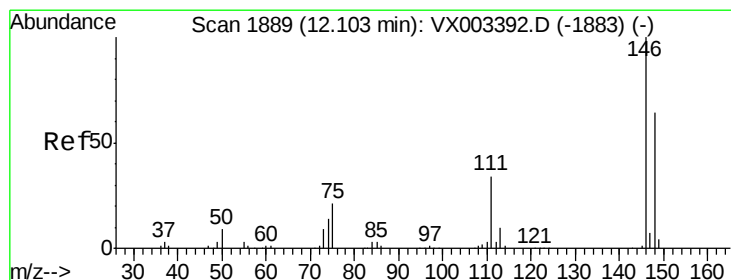
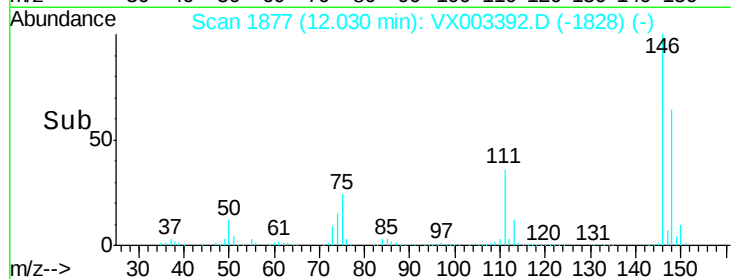
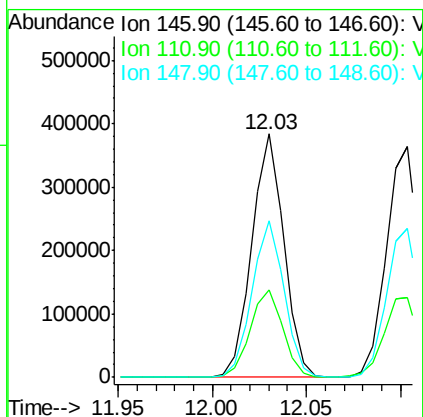
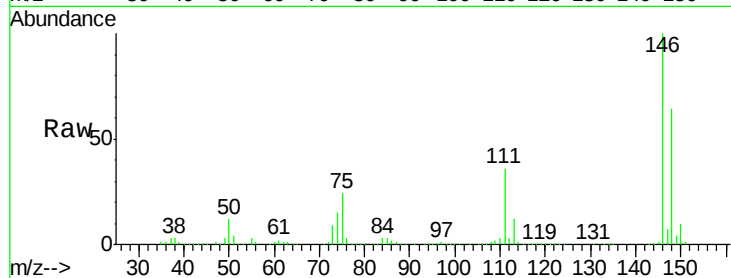




#87
 1,3-Dichlorobenzene
 Concen: 49.990 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. 0.00 min
 Lab File: VX003392.D
 Acq: 16 Jul 2018 11:47

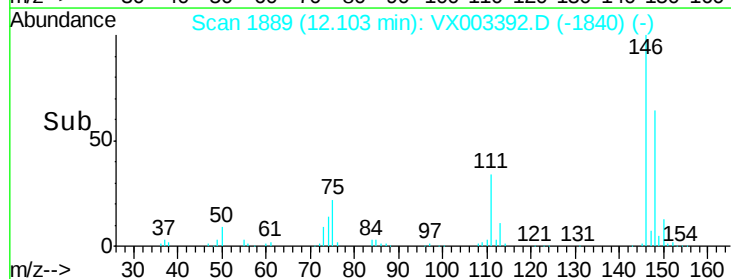
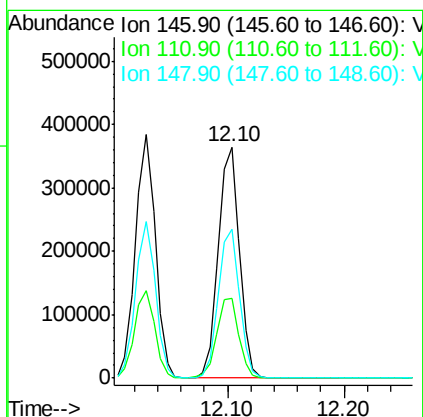
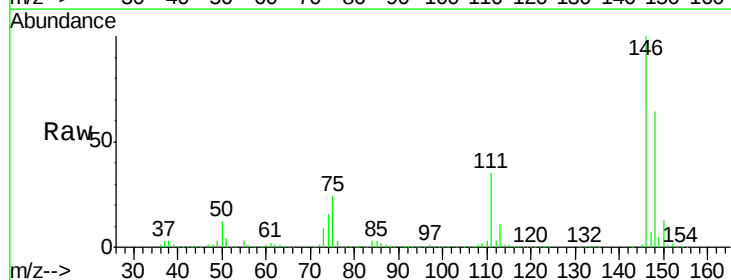
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

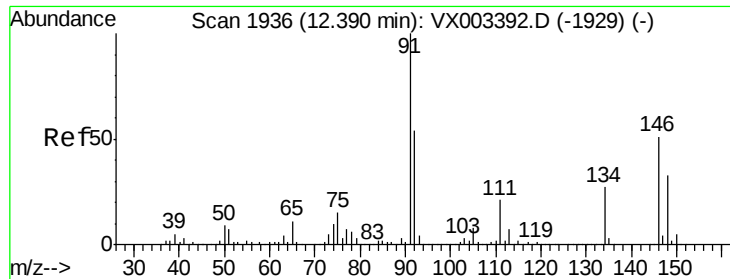
Tgt Ion:146 Resp: 453408
 Ion Ratio Lower Upper
 146 100
 111 36.5 18.9 56.7
 148 64.4 32.1 96.3



#88
 1,4-Dichlorobenzene
 Concen: 49.238 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. 0.00 min
 Lab File: VX003392.D
 Acq: 16 Jul 2018 11:47

Tgt Ion:146 Resp: 453480
 Ion Ratio Lower Upper
 146 100
 111 36.0 18.7 56.1
 148 64.6 32.4 97.0





#89

n-Butylbenzene

Concen: 52.082 ug/l

RT: 12.39 min Scan# 1936

Delta R.T. 0.00 min

Lab File: VX003392.D

Acq: 16 Jul 2018 11:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

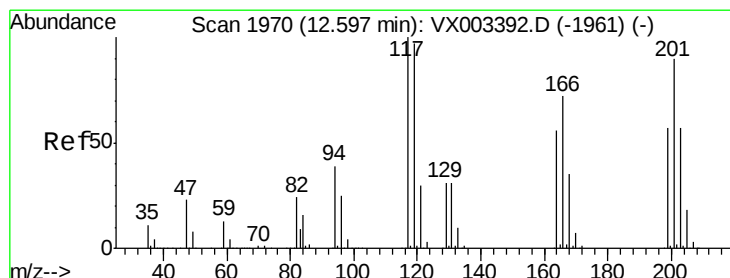
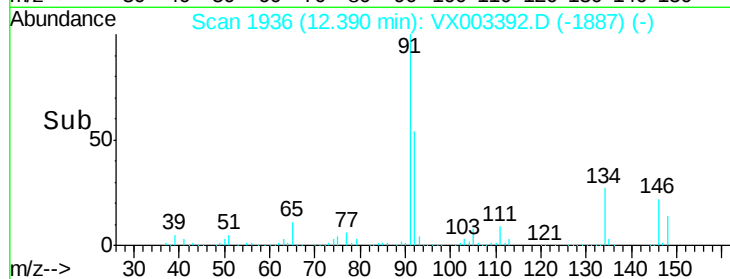
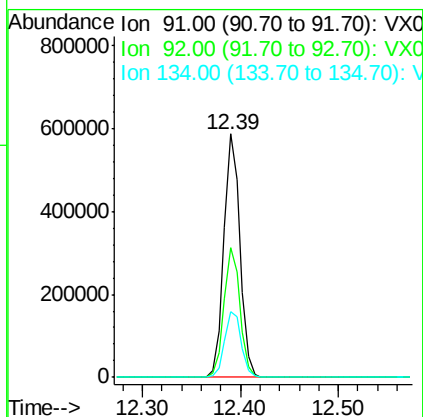
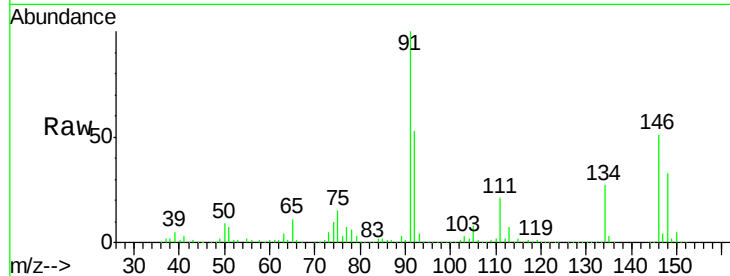
Tgt Ion: 91 Resp: 667362

Ion Ratio Lower Upper

91 100

92 53.1 26.0 78.0

134 28.0 13.5 40.5



#90

Hexachloroethane

Concen: 51.007 ug/l

RT: 12.60 min Scan# 1970

Delta R.T. 0.00 min

Lab File: VX003392.D

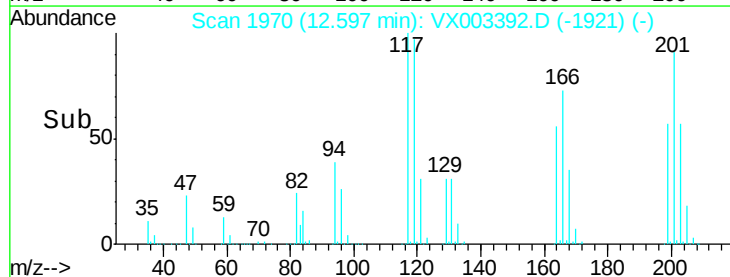
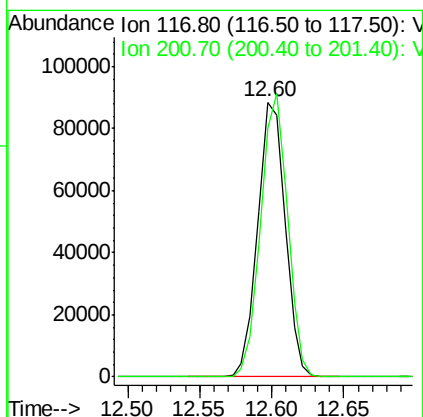
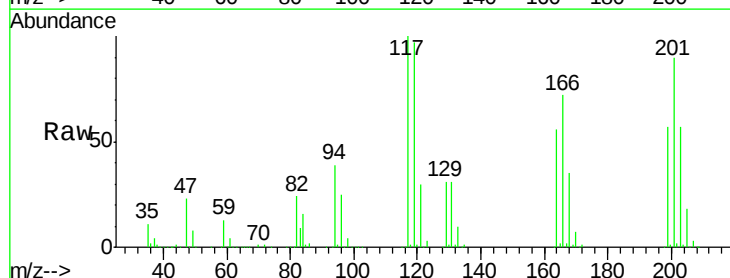
Acq: 16 Jul 2018 11:47

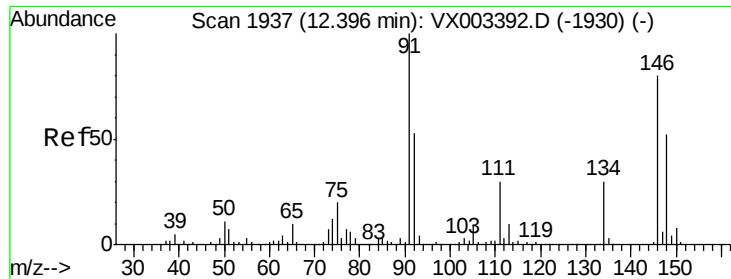
Tgt Ion: 117 Resp: 116253

Ion Ratio Lower Upper

117 100

201 100.8 49.0 147.0

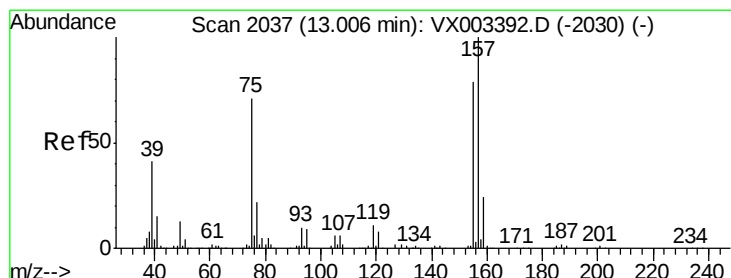
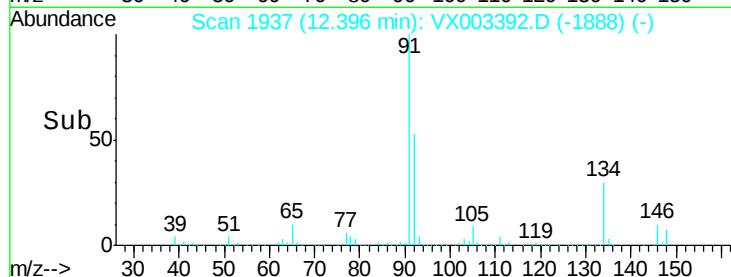
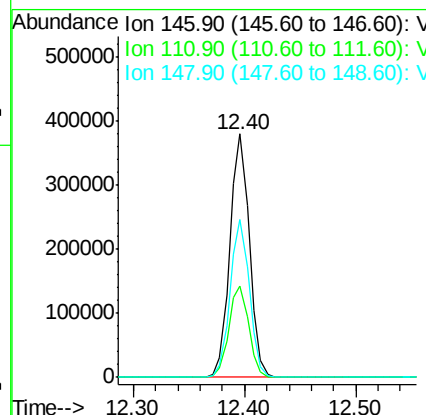
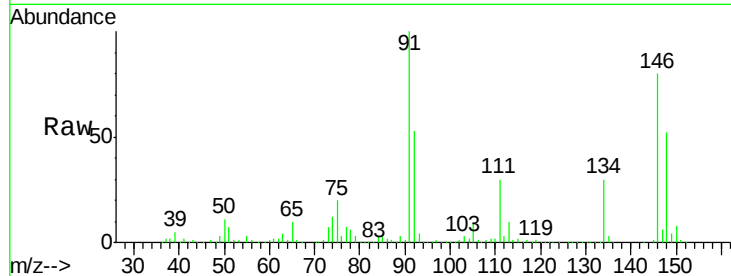




#91
 1,2-Dichlorobenzene
 Concen: 50.292 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. 0.00 min
 Lab File: VX003392.D
 Acq: 16 Jul 2018 11:47

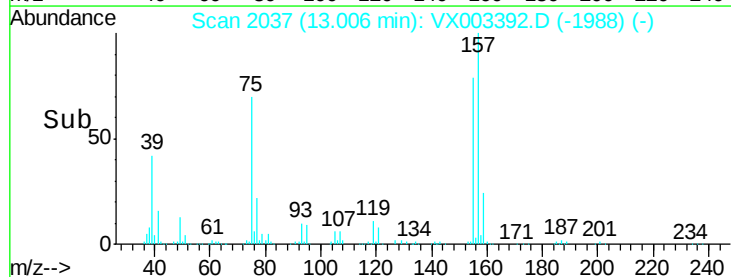
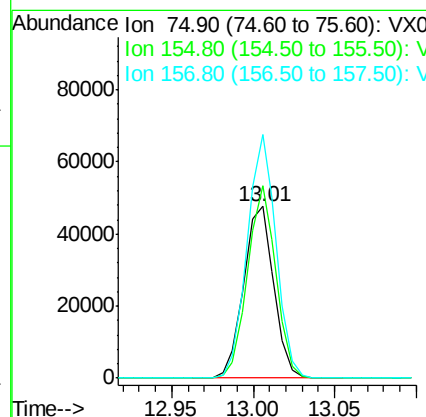
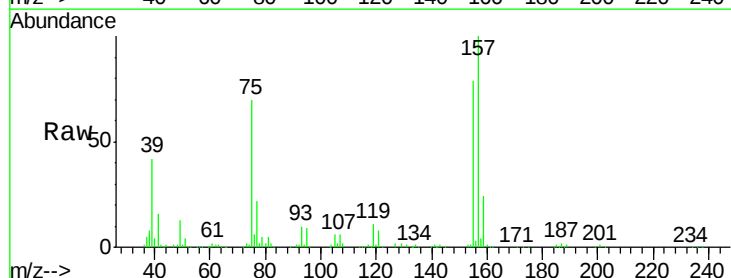
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

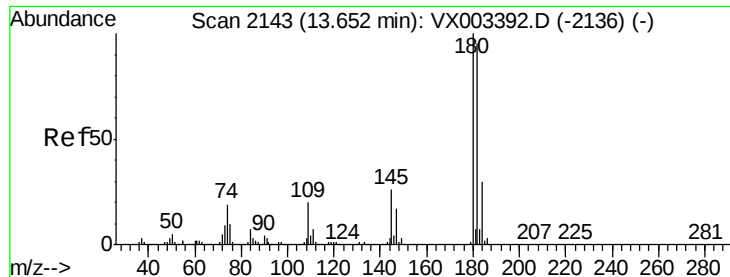
Tgt Ion: 146 Resp: 458139
 Ion Ratio Lower Upper
 146 100
 111 38.2 19.4 58.1
 148 64.6 31.7 95.1



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 51.207 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. 0.00 min
 Lab File: VX003392.D
 Acq: 16 Jul 2018 11:47

Tgt Ion: 75 Resp: 61353
 Ion Ratio Lower Upper
 75 100
 155 105.4 45.8 137.4
 157 135.6 60.1 180.3

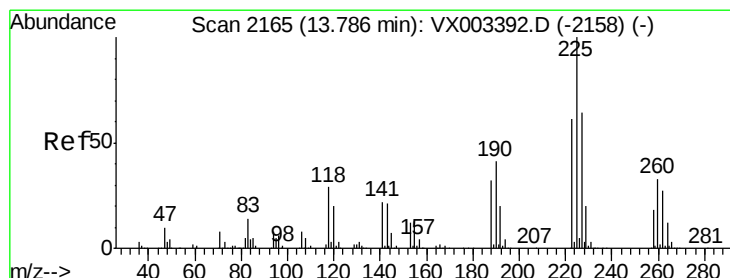
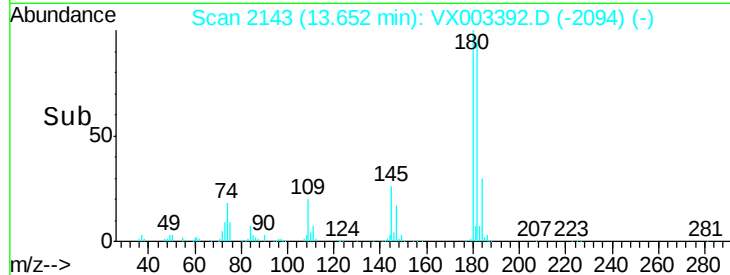
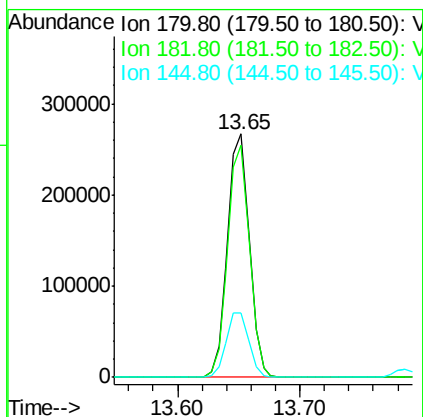
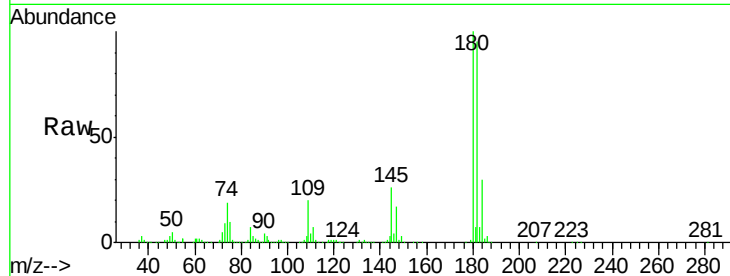




#93
 1,2,4-Trichlorobenzene
 Concen: 52.824 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: VX003392.D
 Acq: 16 Jul 2018 11:47

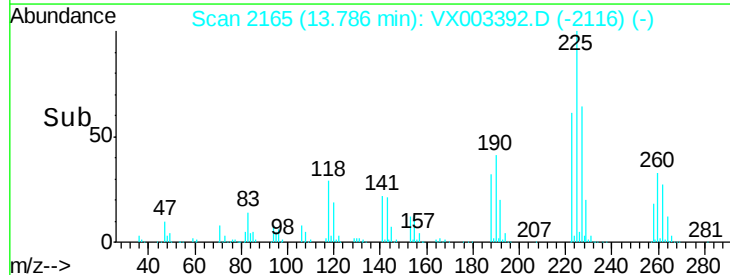
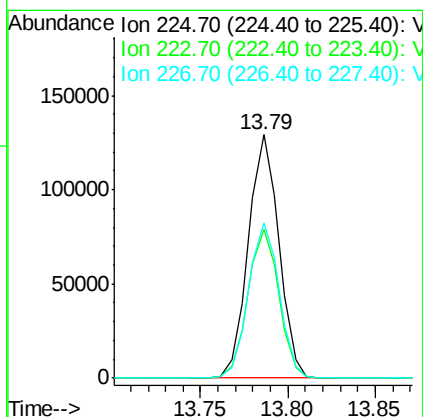
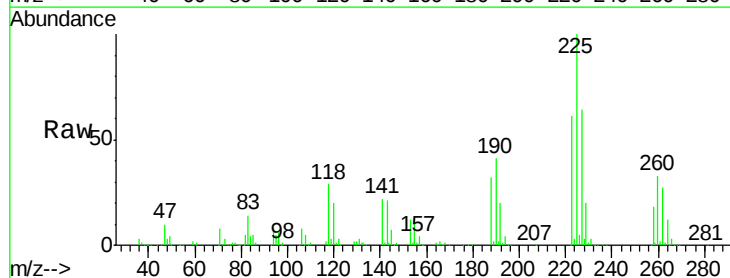
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

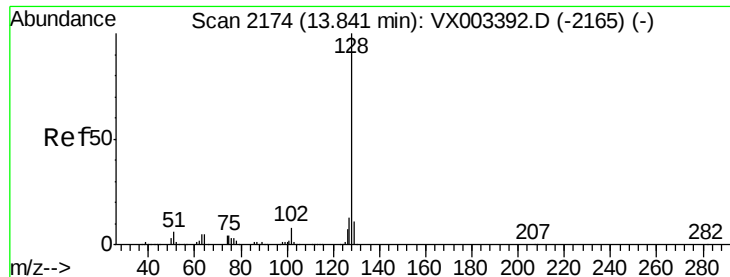
Tgt Ion:180 Resp: 329268
 Ion Ratio Lower Upper
 180 100
 182 95.3 47.7 143.1
 145 27.5 14.1 42.4



#94
 Hexachlorobutadiene
 Concen: 52.101 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VX003392.D
 Acq: 16 Jul 2018 11:47

Tgt Ion:225 Resp: 156327
 Ion Ratio Lower Upper
 225 100
 223 62.0 31.6 95.0
 227 64.2 32.4 97.2





#95

Naphthalene

Concen: 55.565 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. 0.00 min

Lab File: VX003392.D

Acq: 16 Jul 2018 11:47

Instrument :

MSVOA_X

ClientSampled :

VSTDICCC050

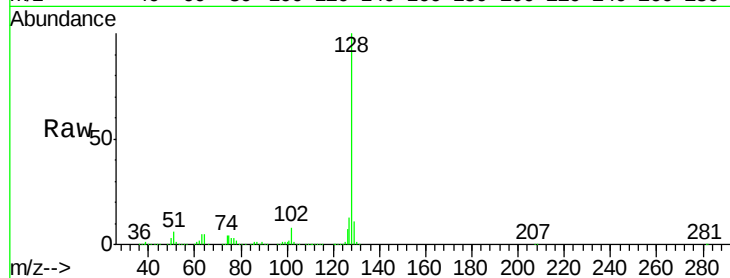
Tgt Ion:128 Resp: 992746

Ion Ratio Lower Upper

128 100

127 12.8 10.4 15.6

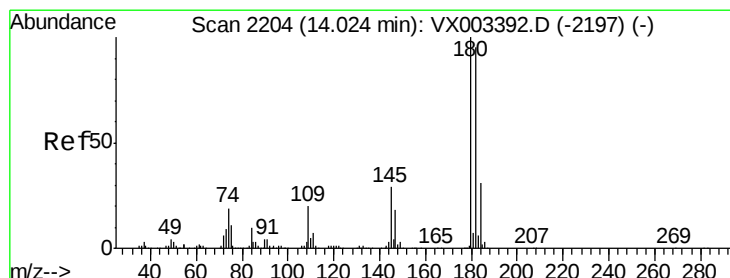
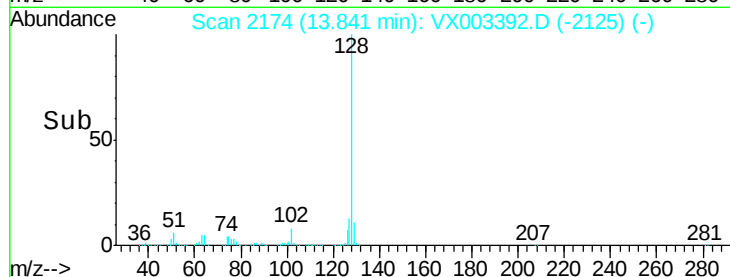
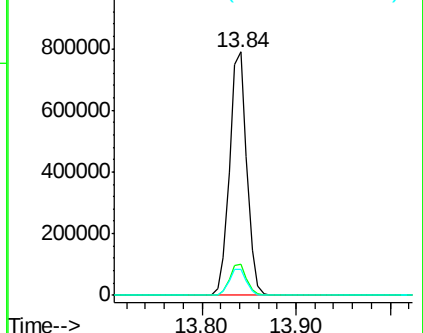
129 11.0 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 52.784 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. 0.00 min

Lab File: VX003392.D

Acq: 16 Jul 2018 11:47

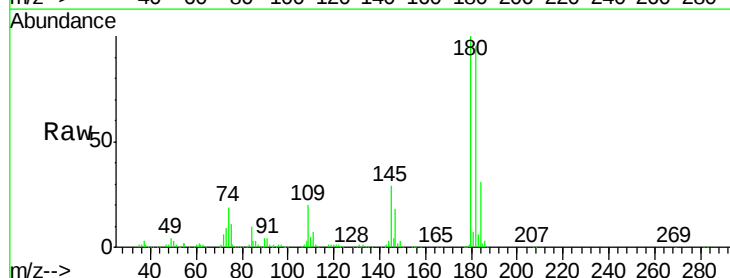
Tgt Ion:180 Resp: 338426

Ion Ratio Lower Upper

180 100

182 95.6 48.0 144.0

145 29.2 14.8 44.3



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

