

Data File : VX003393.D
Acq On : 16 Jul 2018 12:14
Operator : JC/MD
Sample : VSTDICC100
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Quant Time: Jul 17 01:32:03 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	336882	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	472780	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	436944	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	272369	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	407183	92.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	184.60%	
35) Dibromofluoromethane	5.51	113	366217	95.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	191.48%	
50) Toluene-d8	8.72	98	1371708	97.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	194.34%	
62) 4-Bromofluorobenzene	11.14	95	510373	101.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	202.52%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	330180	86.834	ug/l	99
3) Chloromethane	1.32	50	336687	81.814	ug/l	98
4) Vinyl Chloride	1.40	62	372518	83.066	ug/l	99
5) Bromomethane	1.64	94	142064	97.417	ug/l	99
6) Chloroethane	1.70	64	238874	98.497	ug/l	98
7) Trichlorofluoromethane	1.92	101	478166	80.377	ug/l	98
8) Diethyl Ether	2.19	74	212229	83.378	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	2.37	101	305183	81.217	ug/l	97
10) Methyl Iodide	2.51	142	399997	99.503	ug/l	93
11) Tert butyl alcohol	3.10	59	419425	422.739	ug/l	100
12) 1,1-Dichloroethene	2.37	96	293638	82.690	ug/l	89
13) Acrolein	2.30	56	218214	458.497	ug/l	100
14) Allyl chloride	2.73	41	535420	83.120	ug/l	86
15) Acrylonitrile	3.16	53	964089	424.130	ug/l	97
16) Acetone	2.45	43	770175	419.711	ug/l	# 89
17) Carbon Disulfide	2.56	76	805465	82.667	ug/l	98
18) Methyl Acetate	2.78	43	539118	90.202	ug/l	94
19) Methyl tert-butyl Ether	3.21	73	982794	83.350	ug/l	99
20) Methylene Chloride	2.85	84	330420	93.850	ug/l	91
21) trans-1,2-Dichloroethene	3.16	96	310909	81.062	ug/l	94
22) Diisopropyl ether	3.88	45	1017955	81.472	ug/l	97
23) Vinyl Acetate	3.83	43	4279572	415.303	ug/l	96
24) 1,1-Dichloroethane	3.70	63	584323	82.435	ug/l	99
25) 2-Butanone	4.73	43	1240163	431.842	ug/l	92
26) 2,2-Dichloropropane	4.58	77	397566	79.906	ug/l	96
27) cis-1,2-Dichloroethene	4.60	96	344056	83.375	ug/l	86
28) Bromochloromethane	5.03	49	287117	93.299	ug/l	88
29) Tetrahydrofuran	5.18	42	800030	439.271	ug/l	91
30) Chloroform	5.22	83	553854	84.793	ug/l	98
31) Cyclohexane	5.57	56	480448	87.769	ug/l	92
32) 1,1,1-Trichloroethane	5.49	97	482468	86.848	ug/l	97
36) 1,1-Dichloropropene	5.80	75	414652	86.609	ug/l	97
37) Ethyl Acetate	4.88	43	458376	84.964	ug/l	96
38) Carbon Tetrachloride	5.78	117	430701	88.405	ug/l	99

Data File : VX003393.D
Acq On : 16 Jul 2018 12:14
Operator : JC/MD
Sample : VSTDICC100
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Quant Time: Jul 17 01:32:03 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)
39) Methylcyclohexane	7.46	83	480457	87.669	ug/l	95
40) Benzene	6.15	78	1271784	87.309	ug/l	99
41) Methacrylonitrile	5.08	41	258859	87.253	ug/l	92
42) 1,2-Dichloroethane	6.21	62	419237	83.924	ug/l	95
43) Isopropyl Acetate	6.48	43	727941	89.400	ug/l #	93
44) Trichloroethene	7.22	130	360943	85.537	ug/l	99
45) 1,2-Dichloropropane	7.52	63	324818	85.723	ug/l	100
46) Dibromomethane	7.67	93	216873	85.956	ug/l	97
47) Bromodichloromethane	7.90	83	413571	89.511	ug/l	99
48) Methyl methacrylate	7.79	41	379322	91.313	ug/l	86
49) 1,4-Dioxane	7.77	88	170126	1788.686	ug/l	94
51) 4-Methyl-2-Pentanone	8.66	43	2448798	456.866	ug/l	92
52) Toluene	8.79	92	799398	87.651	ug/l	99
53) t-1,3-Dichloropropene	8.45	75	502258	92.065	ug/l	100
54) cis-1,3-Dichloropropene	9.05	75	465913	93.578	ug/l #	89
55) 1,1,2-Trichloroethane	9.22	97	326588	85.708	ug/l	99
56) Ethyl methacrylate	9.19	69	503424	93.309	ug/l #	84
57) 1,3-Dichloropropane	9.38	76	532956	87.048	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	1286291	475.448	ug/l	97
59) 2-Hexanone	9.51	43	1913803	464.721	ug/l	89
60) Dibromochloromethane	9.59	129	349091	92.204	ug/l	100
61) 1,2-Dibromoethane	9.68	107	346762	88.286	ug/l	100
64) Tetrachloroethene	9.34	164	395035	86.416	ug/l	99
65) Chlorobenzene	10.15	112	904562	87.635	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	330623	90.109	ug/l	99
67) Ethyl Benzene	10.26	91	1526698	90.495	ug/l	100
68) m/p-Xylenes	10.37	106	1204687	184.602	ug/l	96
69) o-Xylene	10.70	106	591763	94.408	ug/l	96
70) Styrene	10.72	104	984747	95.462	ug/l	98
71) Bromoform	10.86	173	286981	97.231	ug/l	100
73) Isopropylbenzene	11.02	105	1602163	91.869	ug/l	99
74) N-amyl acetate	6.48	43	727941	86.794	ug/l #	93
75) 1,1,2,2-Tetrachloroethane	11.27	83	505250	87.766	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	611361	123.988	ug/l	80
77) Bromobenzene	11.26	156	438461	88.521	ug/l	97
78) n-propylbenzene	11.37	91	1766145	90.648	ug/l	99
79) 2-Chlorotoluene	11.43	91	1054007	88.239	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	1310644	91.999	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	154808	101.997	ug/l	87
82) 4-Chlorotoluene	11.52	91	1252991	89.905	ug/l	98
83) tert-Butylbenzene	11.77	119	1279152	91.870	ug/l	96
84) 1,2,4-Trimethylbenzene	11.81	105	1346313	91.994	ug/l	99
85) sec-Butylbenzene	11.95	105	1541764	91.279	ug/l	100
86) p-Isopropyltoluene	12.07	119	1392863	92.641	ug/l	98
87) 1,3-Dichlorobenzene	12.03	146	783134	86.384	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	789749	85.789	ug/l	99
89) n-Butylbenzene	12.39	91	1214230	94.805	ug/l	98
90) Hexachloroethane	12.60	117	220188	96.653	ug/l	100
91) 1,2-Dichlorobenzene	12.40	146	810729	89.039	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	116809	97.538	ug/l	92

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

Data File : VX003393.D
Acq On : 16 Jul 2018 12:14
Operator : JC/MD
Sample : VSTDICC100
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Quant Time: Jul 17 01:32:03 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)
93) 1,2,4-Trichlorobenzene	13.65	180	570880	91.628	ug/l	99
94) Hexachlorobutadiene	13.79	225	268144	89.408	ug/l	99
95) Naphthalene	13.84	128	1722099	96.433	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	601930	93.926	ug/l	100

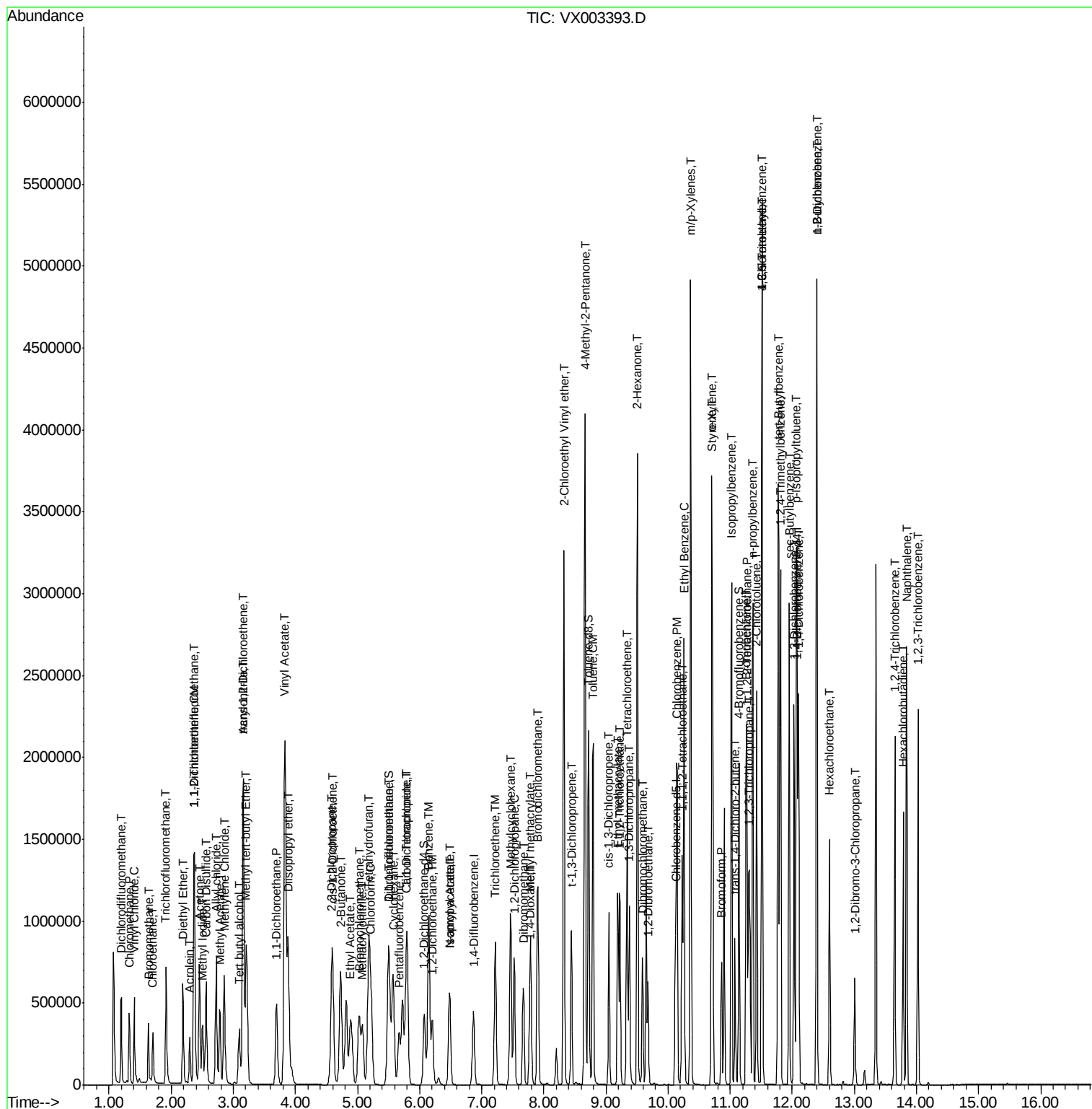
(#) = qualifier out of range (m) = manual integration (+) = signals summed

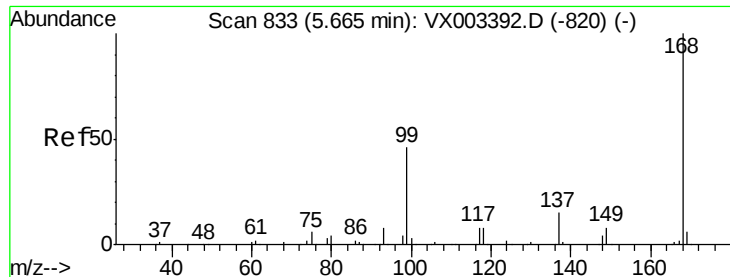
Data File : VX003393.D

```
Acq On       : 16 Jul 2018   12:14
Operator     : JC/MD
Sample       : VSTDICC100
Misc         : 5.0mL/MSVOA_X/WATER
ALS Vial     : 6      Sample Multiplier: 1
```

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Quant Time: Jul 17 01:32:03 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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.01 min

Lab File: VX003393.D

Acq: 16 Jul 2018 12:14

Instrument :

MSVOA_X

ClientSampleId :

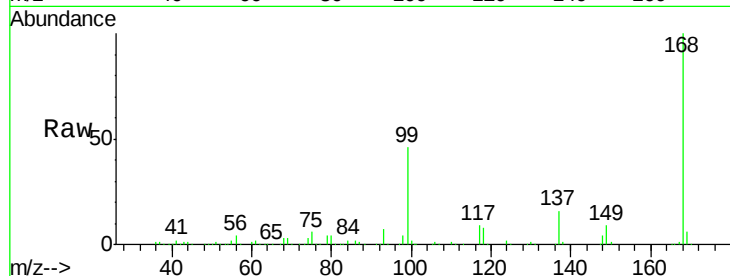
VSTDIC100

Tgt Ion:168 Resp: 336882

Ion Ratio Lower Upper

168 100

99 46.0 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

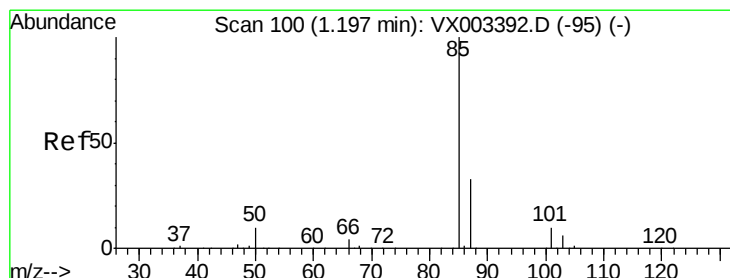
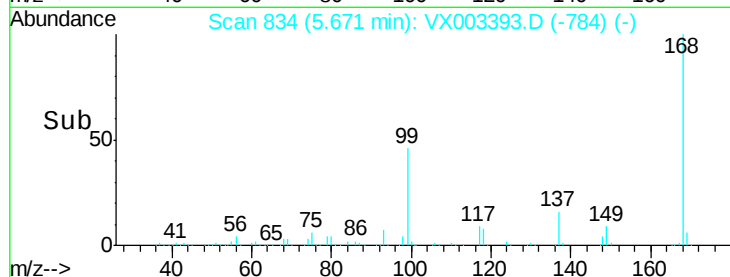
5.67

100000

50000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 86.834 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX003393.D

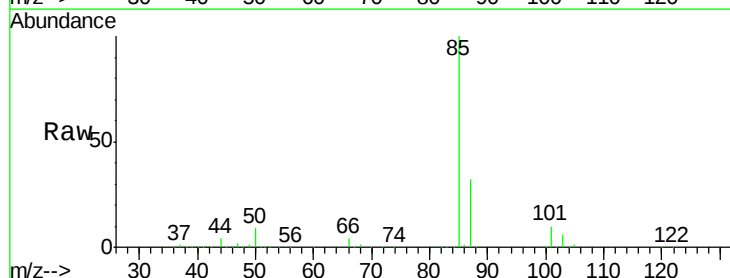
Acq: 16 Jul 2018 12:14

Tgt Ion: 85 Resp: 330180

Ion Ratio Lower Upper

85 100

87 32.4 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

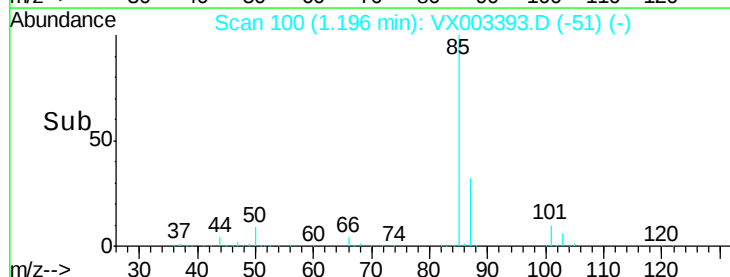
300000

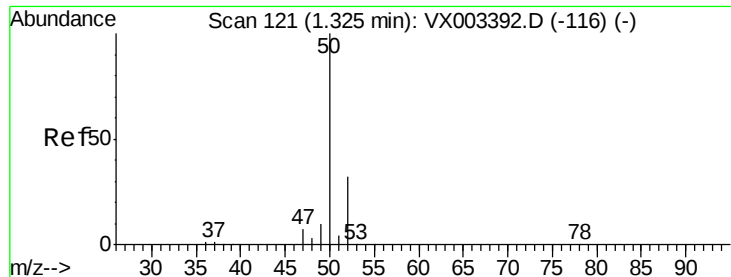
200000

100000

0

Time--> 1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 81.814 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX003393.D

Acq: 16 Jul 2018 12:14

Instrument :

MSVOA_X

ClientSampleId :

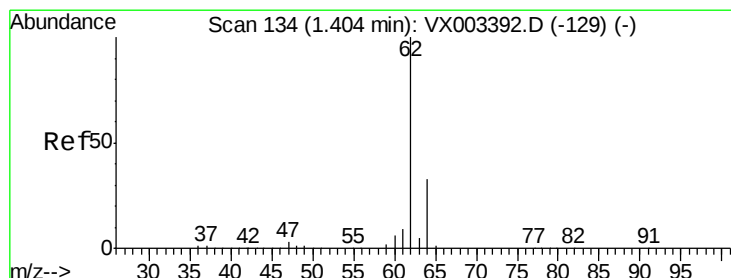
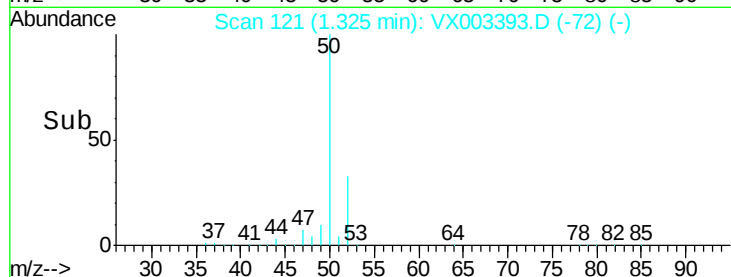
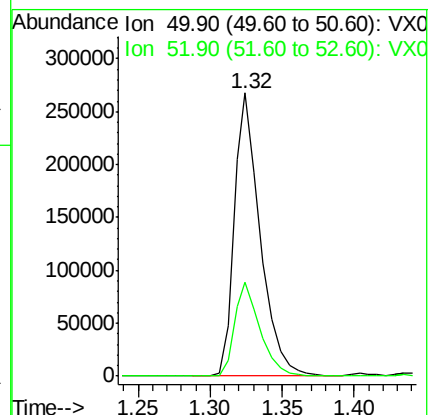
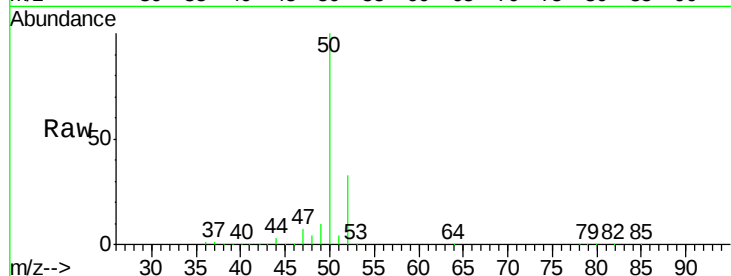
VSTDIC100

Tgt Ion: 50 Resp: 336687

Ion Ratio Lower Upper

50 100

52 33.3 25.7 38.5



#4

Vinyl Chloride

Concen: 83.066 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX003393.D

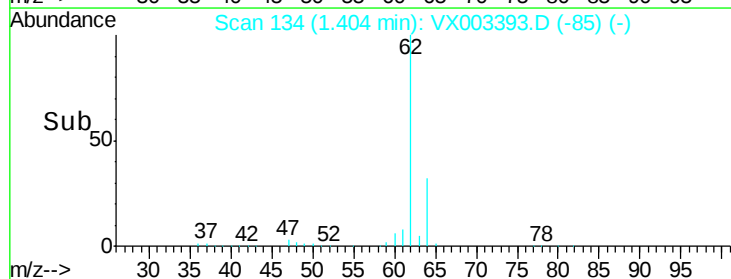
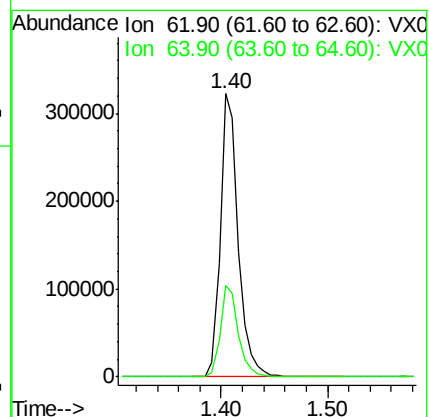
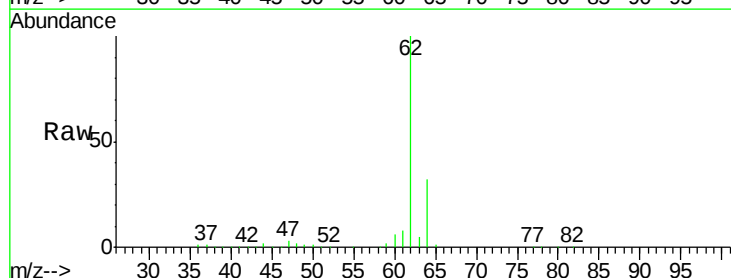
Acq: 16 Jul 2018 12:14

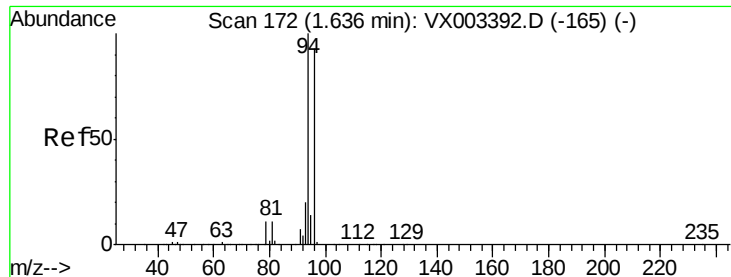
Tgt Ion: 62 Resp: 372518

Ion Ratio Lower Upper

62 100

64 32.2 25.4 38.2





#5

Bromomethane

Concen: 97.417 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX003393.D

Acq: 16 Jul 2018 12:14

Instrument :

MSVOA_X

ClientSampleId :

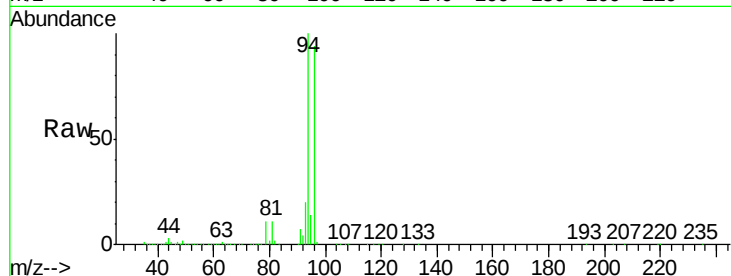
VSTDIC100

Tgt Ion: 94 Resp: 142064

Ion Ratio Lower Upper

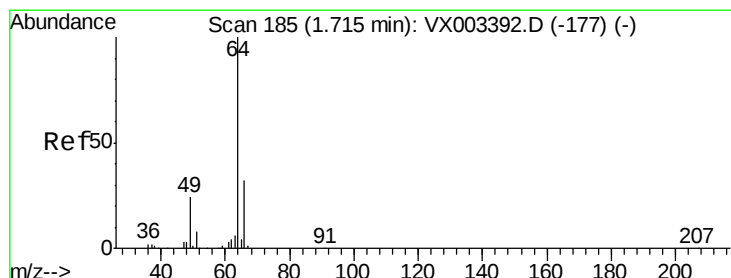
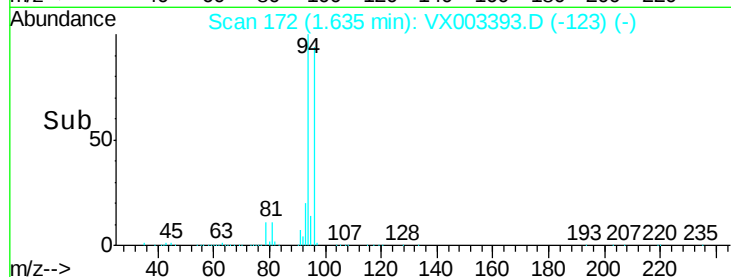
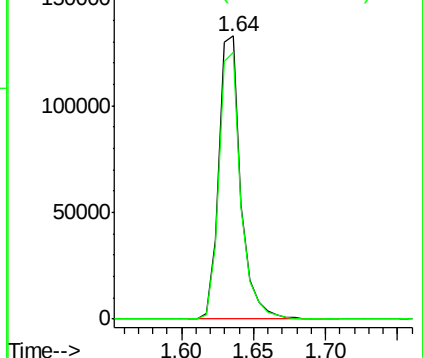
94 100

96 94.4 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: 98.497 ug/l

RT: 1.70 min Scan# 183

Delta R.T. -0.01 min

Lab File: VX003393.D

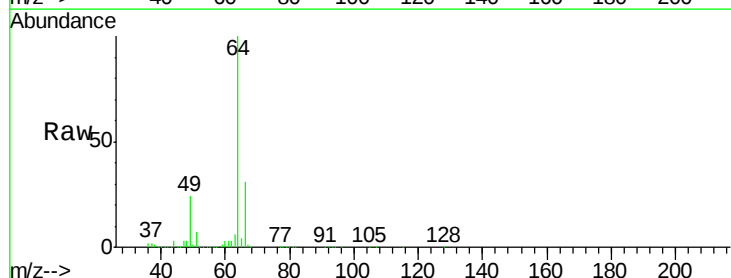
Acq: 16 Jul 2018 12:14

Tgt Ion: 64 Resp: 238874

Ion Ratio Lower Upper

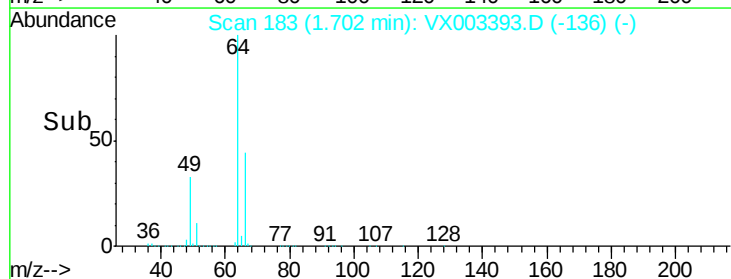
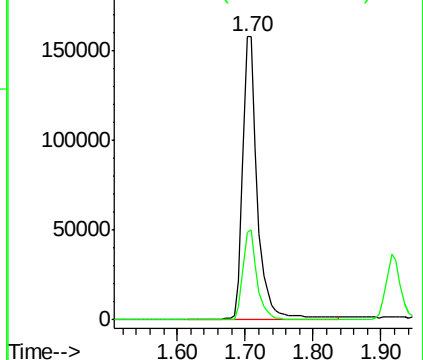
64 100

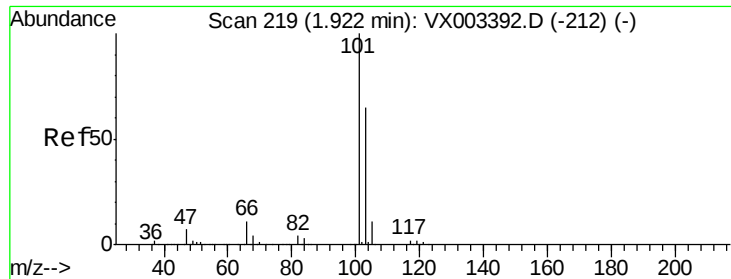
66 30.9 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



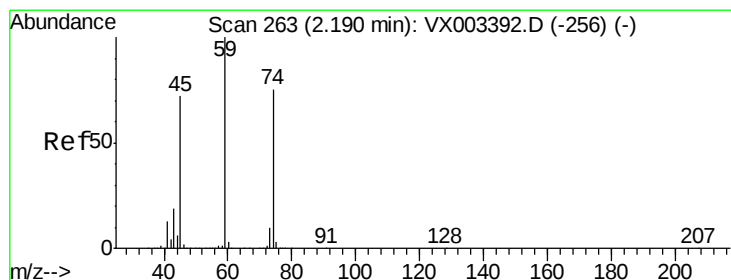
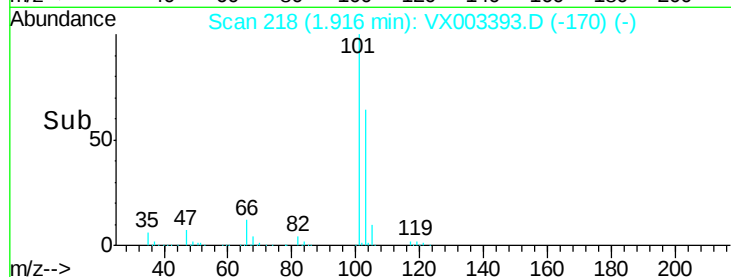
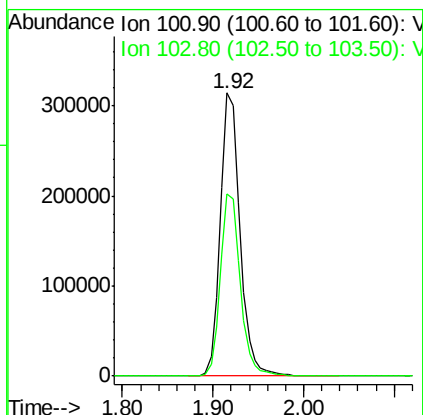
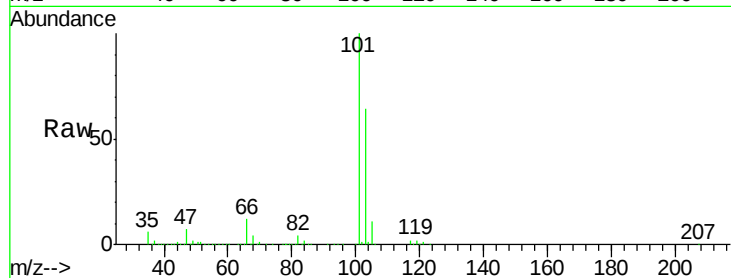


#7

Trichlorofluoromethane
 Concen: 80.377 ug/l
 RT: 1.92 min Scan# 218
 Delta R.T. -0.01 min
 Lab File: VX003393.D
 Acq: 16 Jul 2018 12:14

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

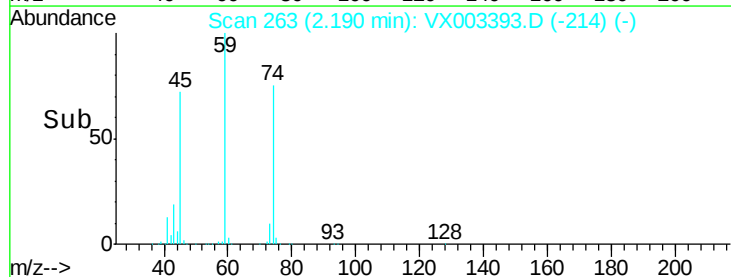
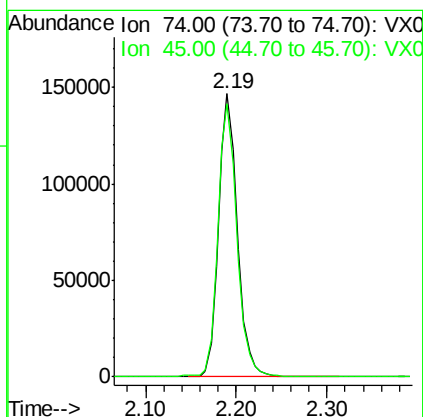
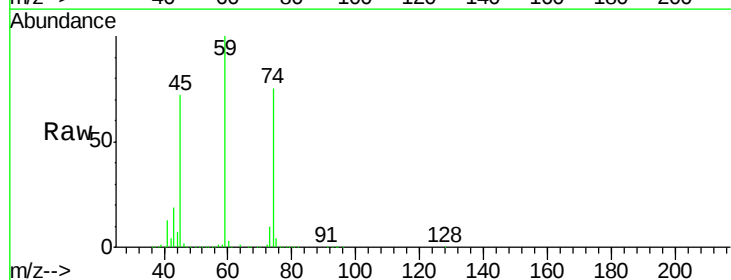
Tgt Ion:101 Resp: 478166
 Ion Ratio Lower Upper
 101 100
 103 64.4 52.8 79.2

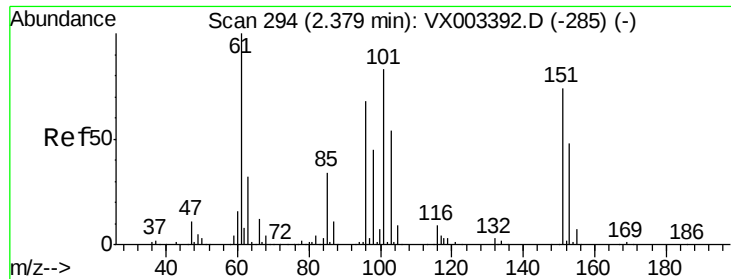


#8

Diethyl Ether
 Concen: 83.378 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. -0.00 min
 Lab File: VX003393.D
 Acq: 16 Jul 2018 12:14

Tgt Ion: 74 Resp: 212229
 Ion Ratio Lower Upper
 74 100
 45 98.0 53.1 159.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 81.217 ug/l

RT: 2.37 min Scan# 293

Delta R.T. -0.01 min

Lab File: VX003393.D

Acq: 16 Jul 2018 12:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

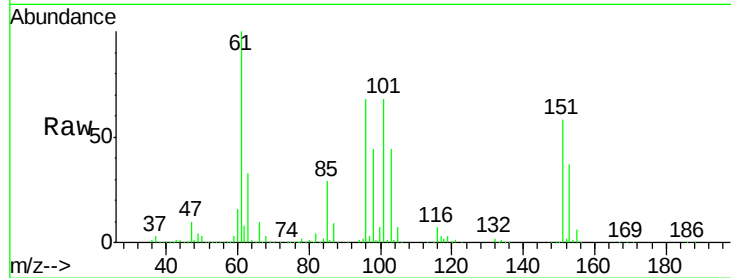
Tgt Ion:101 Resp: 305183

Ion Ratio Lower Upper

101 100

85 41.8 36.0 54.0

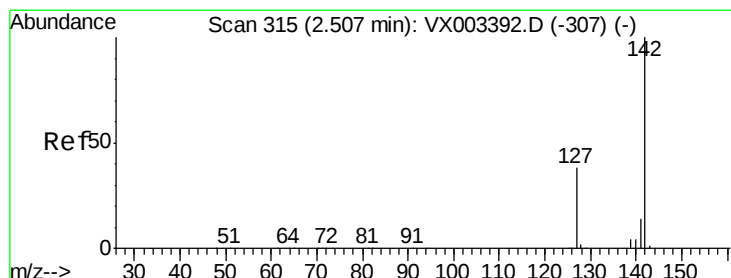
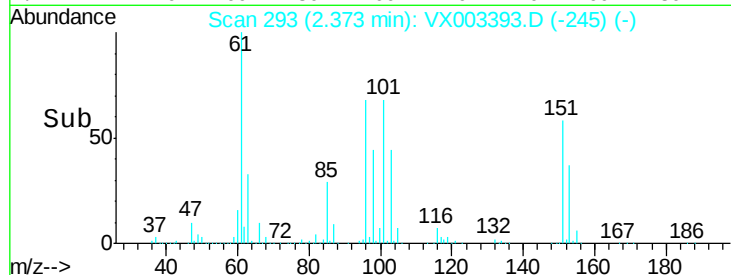
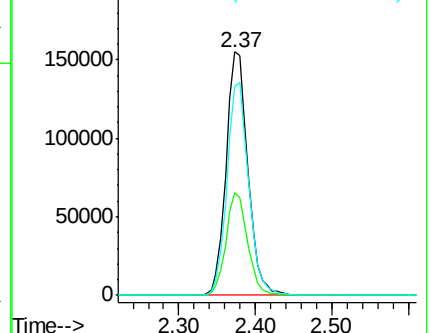
151 87.2 70.9 106.3



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 99.503 ug/l

RT: 2.51 min Scan# 315

Delta R.T. -0.00 min

Lab File: VX003393.D

Acq: 16 Jul 2018 12:14

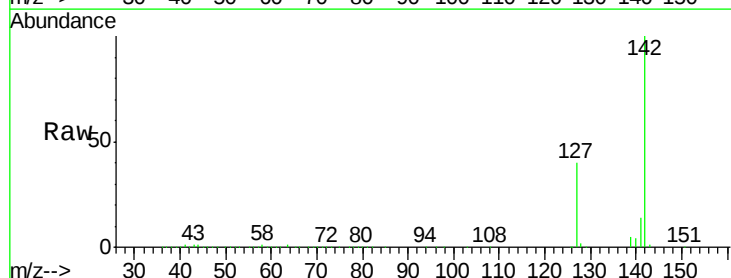
Tgt Ion:142 Resp: 399997

Ion Ratio Lower Upper

142 100

127 40.1 36.6 55.0

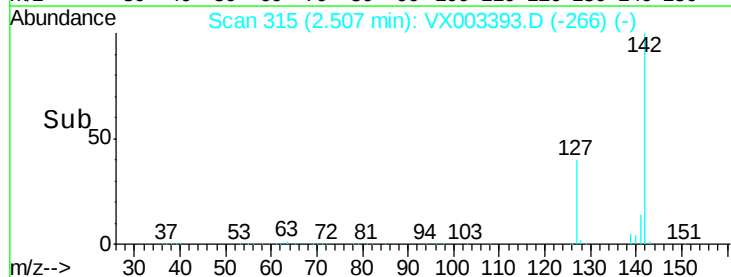
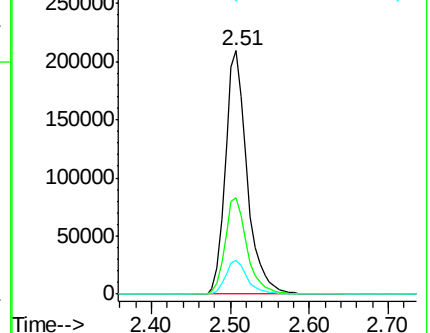
141 13.9 11.3 16.9

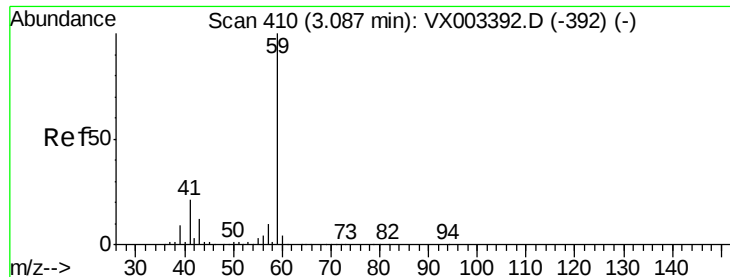


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

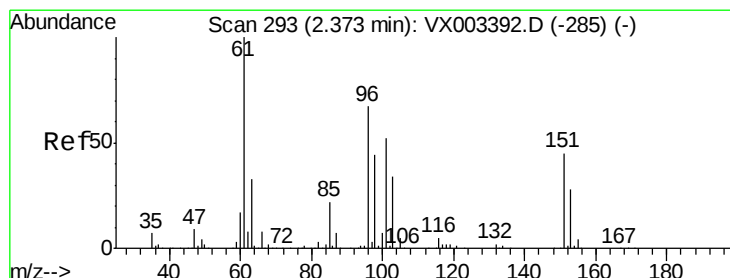
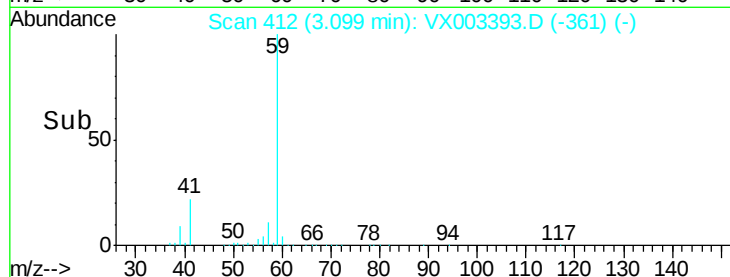
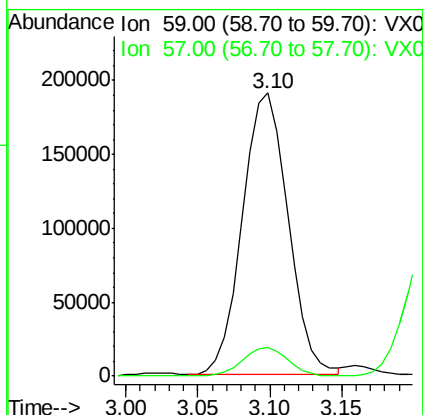
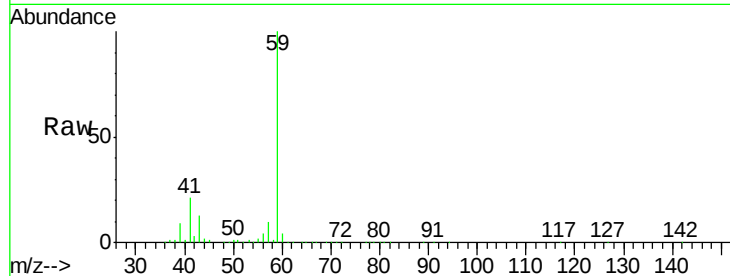




#11
Tert butyl alcohol
Concen: 422.739 ug/l
RT: 3.10 min Scan# 412
Delta R.T. 0.01 min
Lab File: VX003393.D
Acq: 16 Jul 2018 12:14

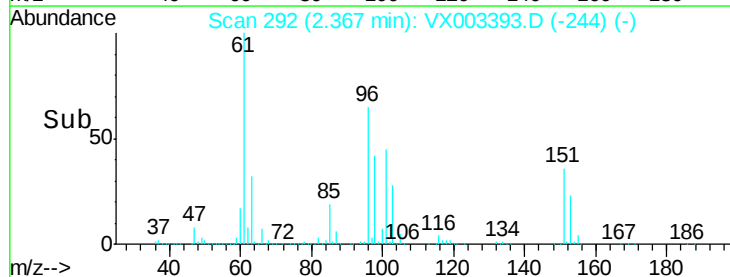
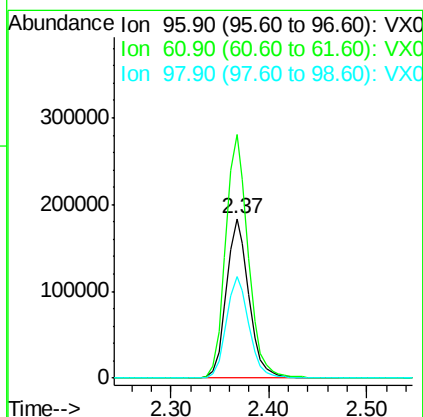
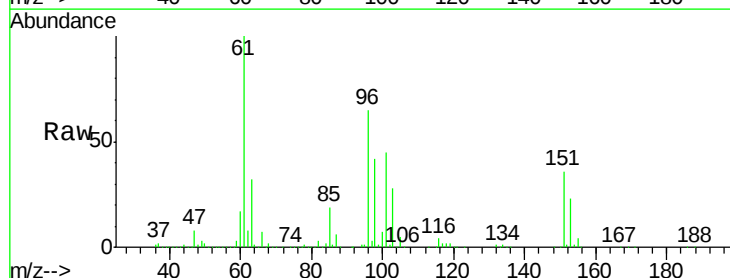
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

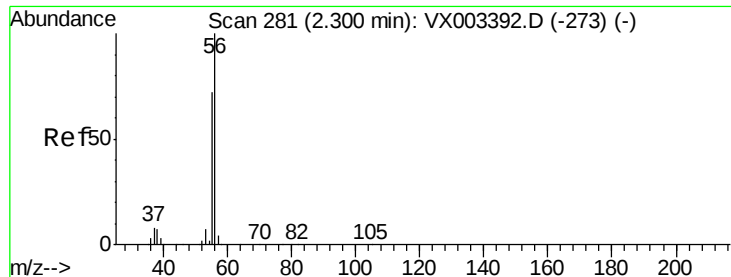
Tgt Ion: 59 Resp: 419425
Ion Ratio Lower Upper
59 100
57 10.3 8.2 12.2



#12
1,1-Dichloroethene
Concen: 82.690 ug/l
RT: 2.37 min Scan# 292
Delta R.T. -0.01 min
Lab File: VX003393.D
Acq: 16 Jul 2018 12:14

Tgt Ion: 96 Resp: 293638
Ion Ratio Lower Upper
96 100
61 152.7 137.9 206.9
98 63.6 51.6 77.4





#13

Acrolein

Concen: 458.497 ug/l

RT: 2.30 min Scan# 281

Delta R.T. -0.00 min

Lab File: VX003393.D

Acq: 16 Jul 2018 12:14

Instrument :

MSVOA_X

ClientSampleId :

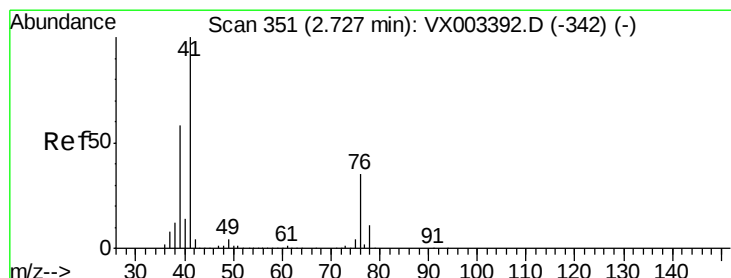
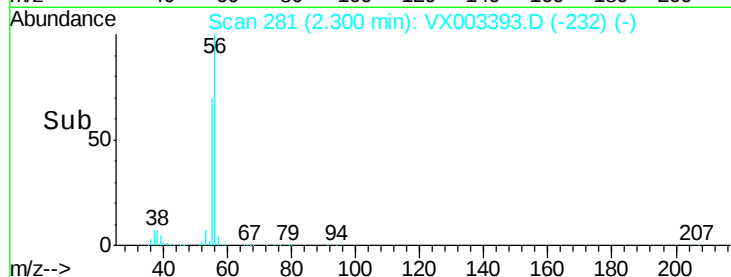
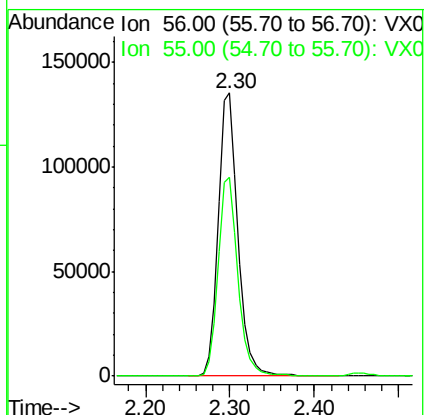
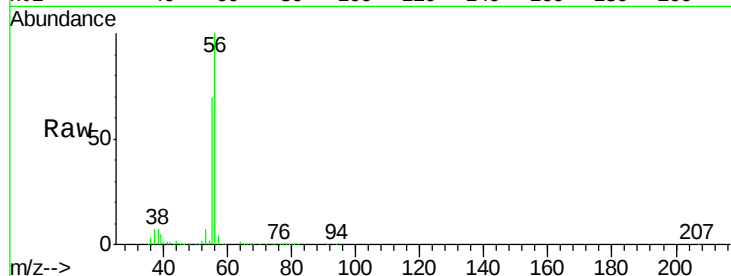
VSTDIC100

Tgt Ion: 56 Resp: 218214

Ion Ratio Lower Upper

56 100

55 70.9 57.0 85.4



#14

Allyl chloride

Concen: 83.120 ug/l

RT: 2.73 min Scan# 351

Delta R.T. -0.00 min

Lab File: VX003393.D

Acq: 16 Jul 2018 12:14

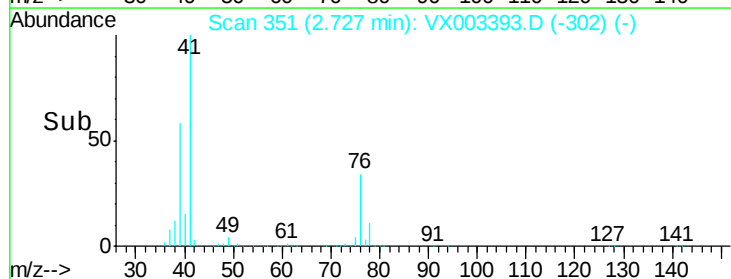
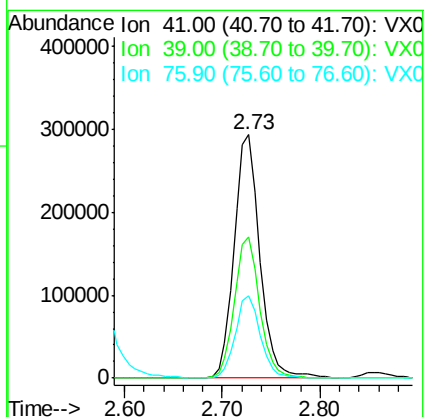
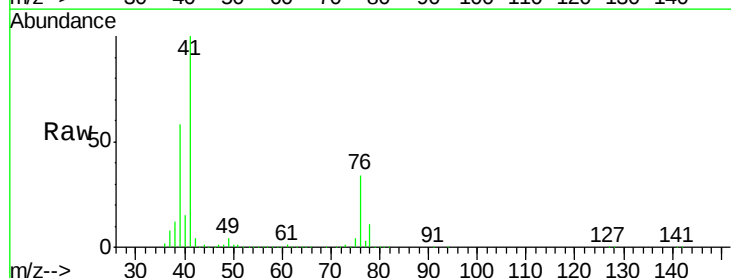
Tgt Ion: 41 Resp: 535420

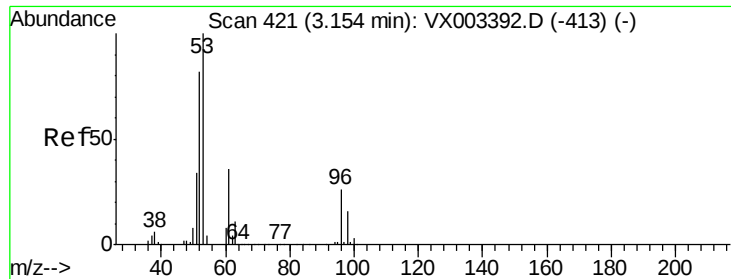
Ion Ratio Lower Upper

41 100

39 56.9 56.8 85.2

76 33.1 23.8 35.8





#15

Acrylonitrile

Concen: 424.130 ug/l

RT: 3.16 min Scan# 422

Delta R.T. 0.01 min

Lab File: VX003393.D

Acq: 16 Jul 2018 12:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

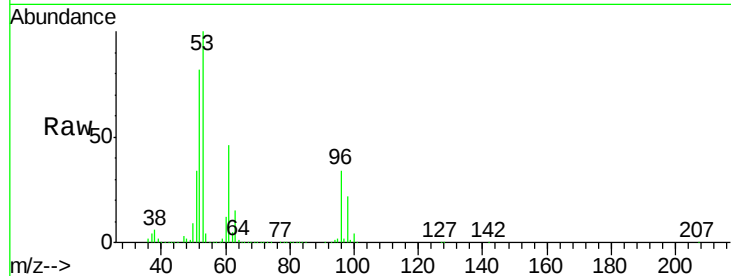
Tgt Ion: 53 Resp: 964089

Ion Ratio Lower Upper

53 100

52 81.5 66.7 100.1

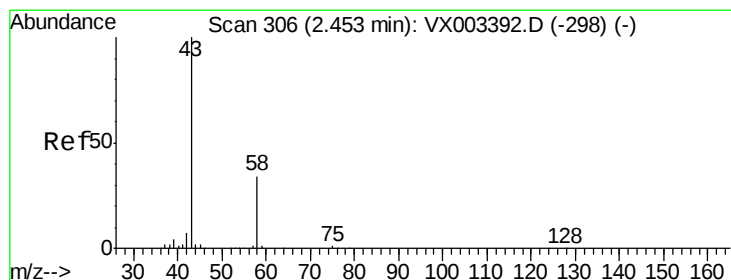
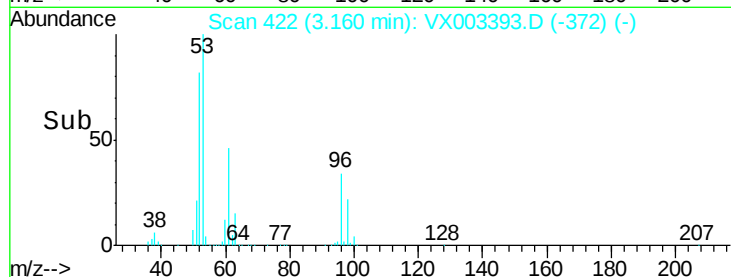
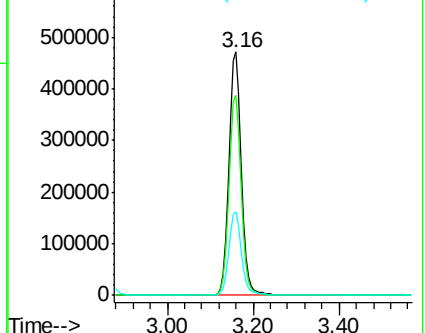
51 34.7 29.9 44.9



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 419.711 ug/l

RT: 2.45 min Scan# 306

Delta R.T. -0.00 min

Lab File: VX003393.D

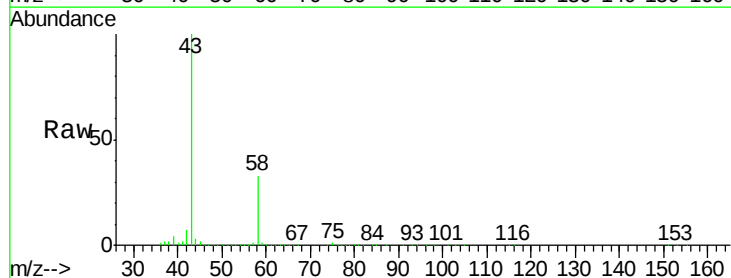
Acq: 16 Jul 2018 12:14

Tgt Ion: 43 Resp: 770175

Ion Ratio Lower Upper

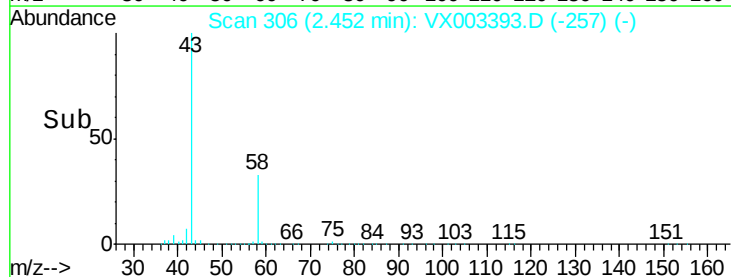
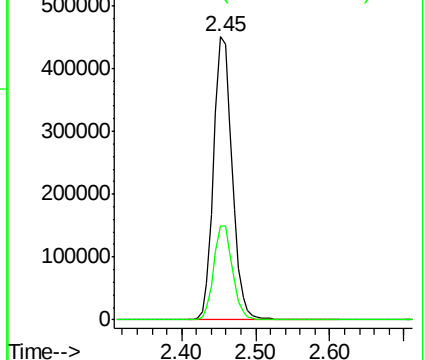
43 100

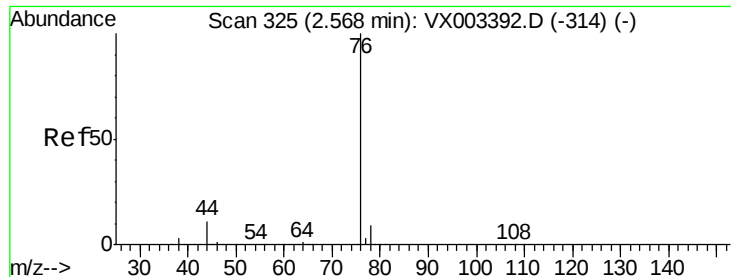
58 33.2 22.1 33.1#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

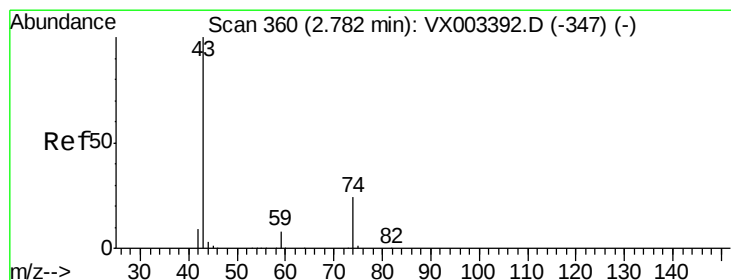
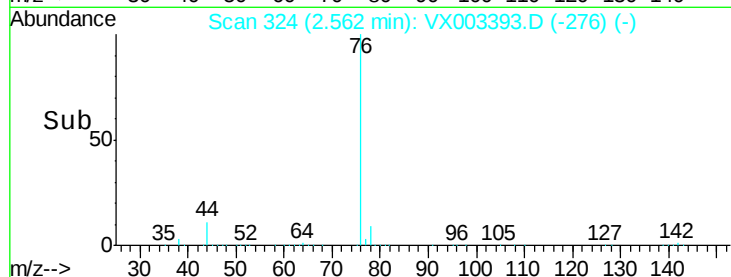
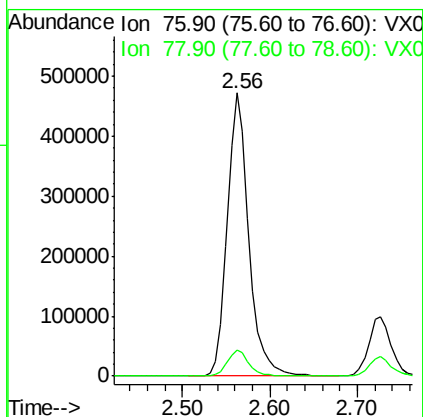
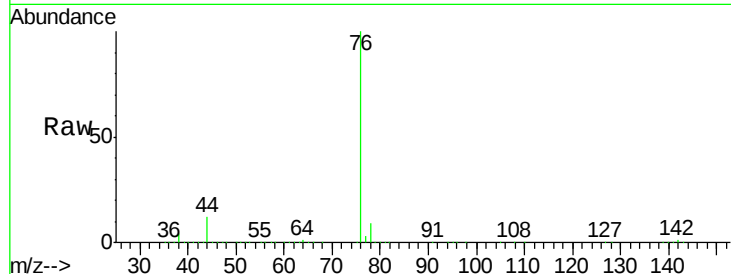




#17
Carbon Disulfide
Concen: 82.667 ug/l
RT: 2.56 min Scan# 324
Delta R.T. -0.01 min
Lab File: VX003393.D
Acq: 16 Jul 2018 12:14

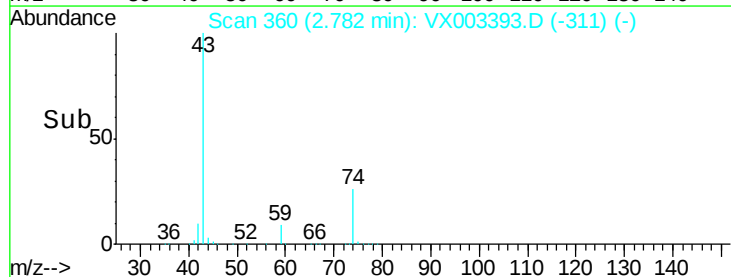
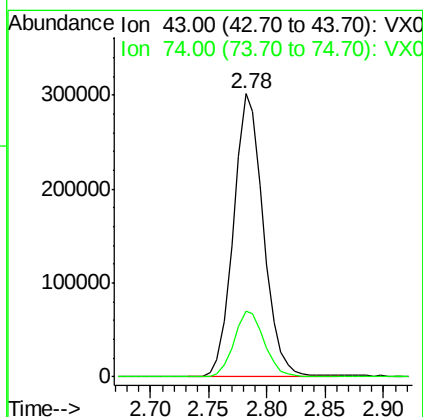
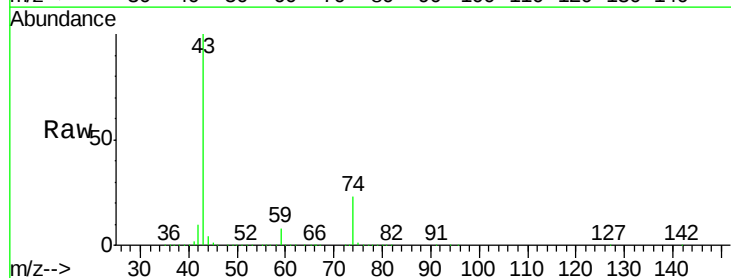
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

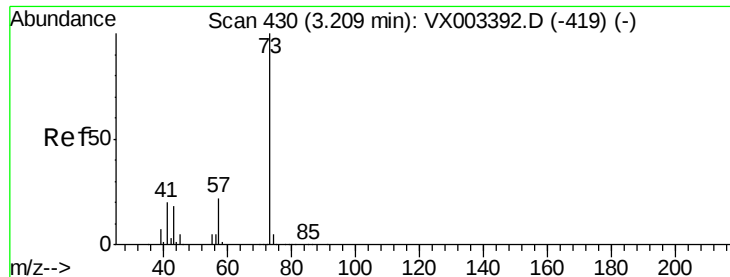
Tgt Ion: 76 Resp: 805465
Ion Ratio Lower Upper
76 100
78 9.2 6.9 10.3



#18
Methyl Acetate
Concen: 90.202 ug/l
RT: 2.78 min Scan# 360
Delta R.T. -0.00 min
Lab File: VX003393.D
Acq: 16 Jul 2018 12:14

Tgt Ion: 43 Resp: 539118
Ion Ratio Lower Upper
43 100
74 23.7 16.7 25.1

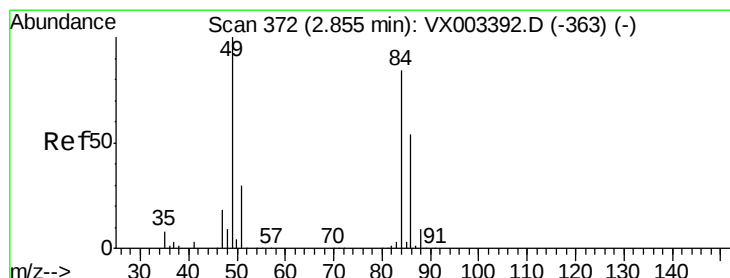
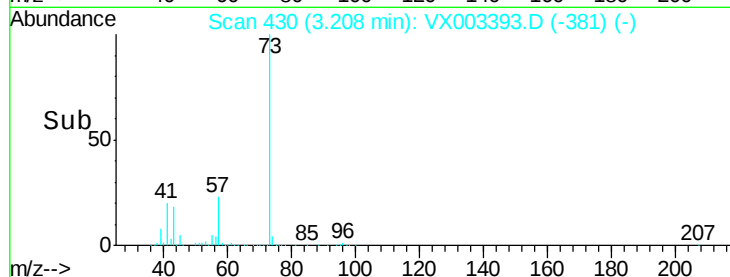
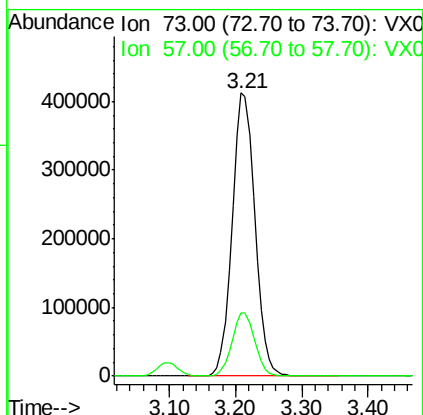
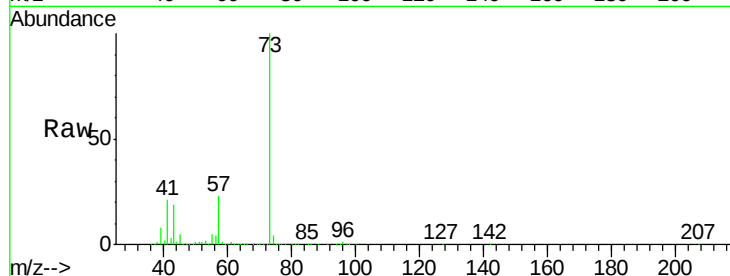




#19
Methyl tert-butyl Ether
Concen: 83.350 ug/l
RT: 3.21 min Scan# 430
Delta R.T. -0.00 min
Lab File: VX003393.D
Acq: 16 Jul 2018 12:14

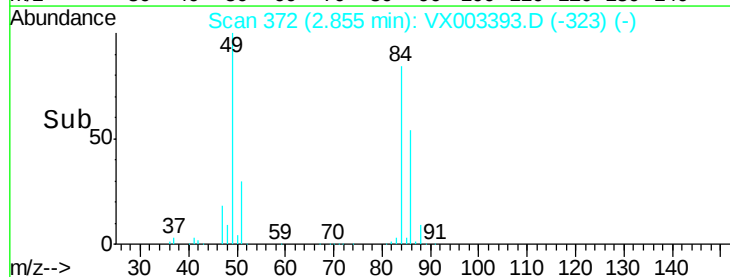
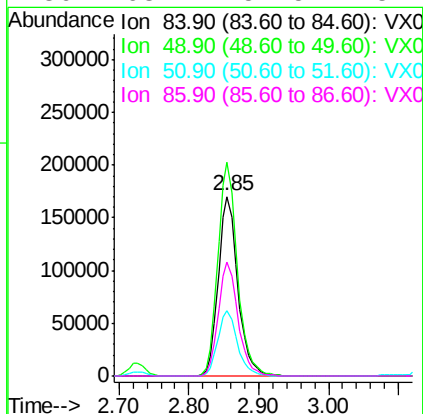
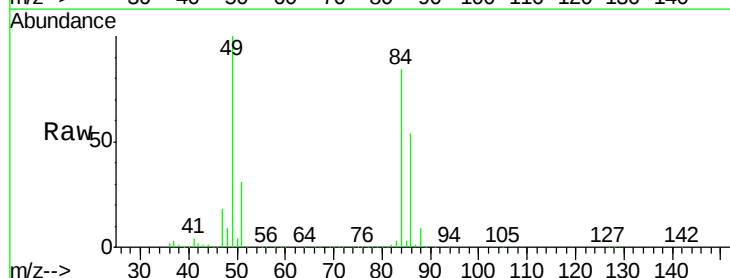
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

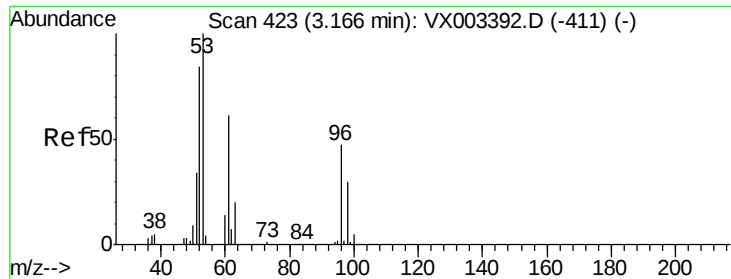
Tgt Ion: 73 Resp: 982794
Ion Ratio Lower Upper
73 100
57 22.5 17.7 26.5



#20
Methylene Chloride
Concen: 93.850 ug/l
RT: 2.85 min Scan# 372
Delta R.T. -0.00 min
Lab File: VX003393.D
Acq: 16 Jul 2018 12:14

Tgt Ion: 84 Resp: 330420
Ion Ratio Lower Upper
84 100
49 119.0 107.8 161.6
51 36.3 32.8 49.2
86 63.7 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 81.062 ug/l

RT: 3.16 min Scan# 422

Delta R.T. -0.01 min

Lab File: VX003393.D

Acq: 16 Jul 2018 12:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

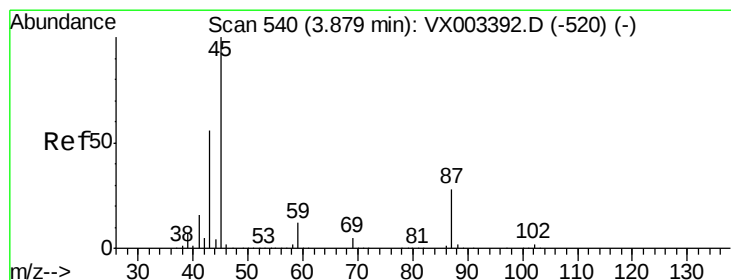
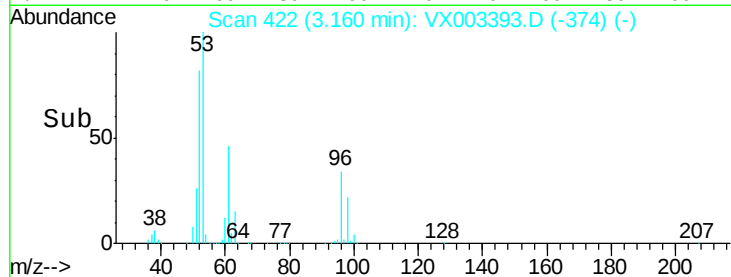
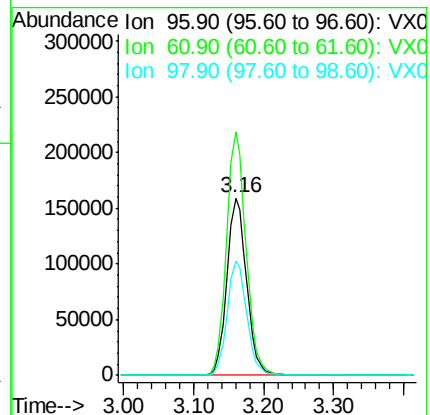
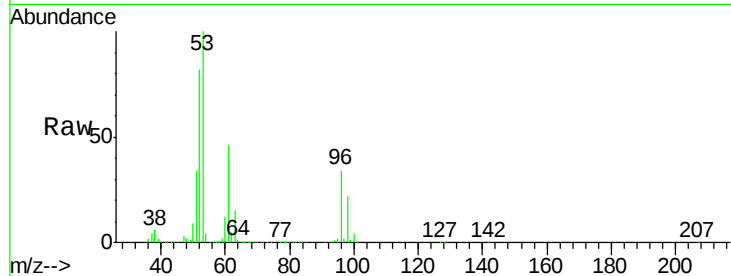
Tgt Ion: 96 Resp: 310909

Ion Ratio Lower Upper

96 100

61 137.1 117.0 175.4

98 64.1 52.4 78.6



#22

Diisopropyl ether

Concen: 81.472 ug/l

RT: 3.88 min Scan# 540

Delta R.T. -0.00 min

Lab File: VX003393.D

Acq: 16 Jul 2018 12:14

Tgt Ion: 45 Resp: 1017955

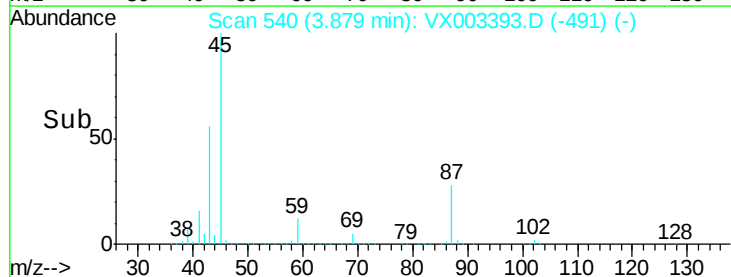
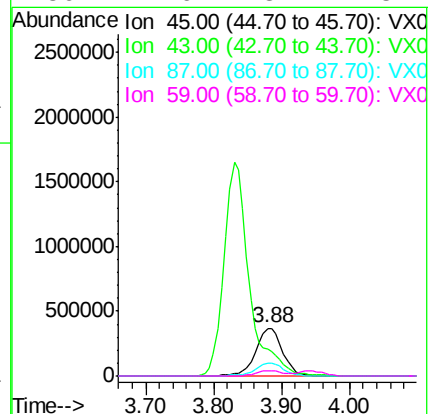
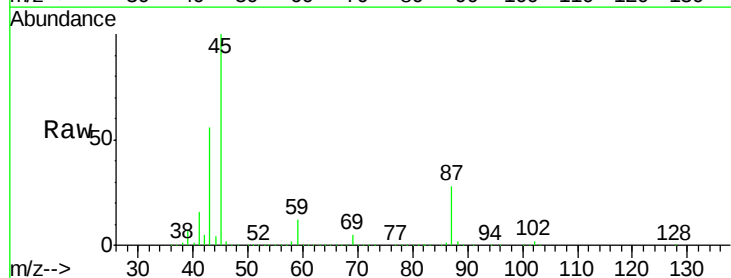
Ion Ratio Lower Upper

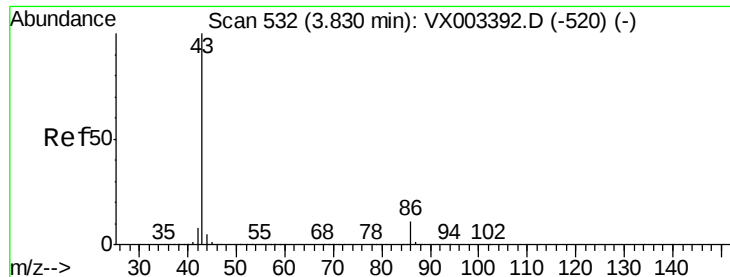
45 100

43 56.3 46.8 70.2

87 27.8 20.2 30.4

59 11.6 8.7 13.1

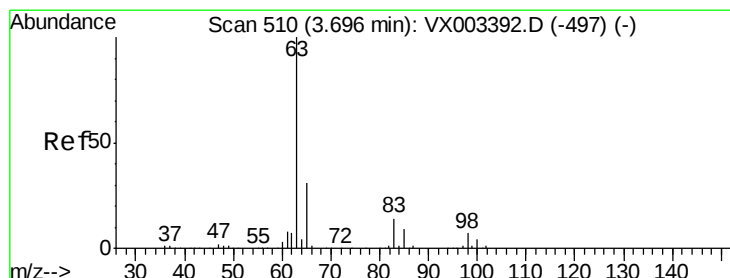
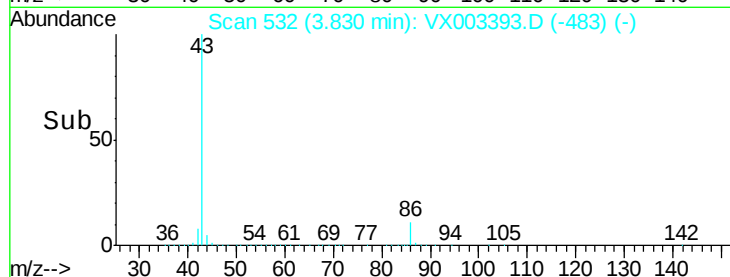
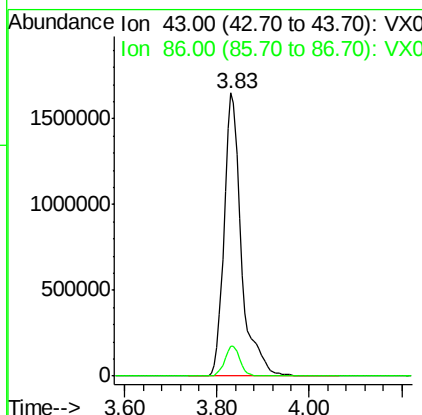
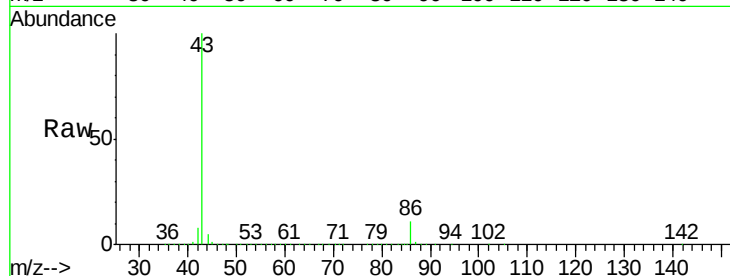




#23
 Vinyl Acetate
 Concen: 415.303 ug/l
 RT: 3.83 min Scan# 532
 Delta R.T. -0.00 min
 Lab File: VX003393.D
 Acq: 16 Jul 2018 12:14

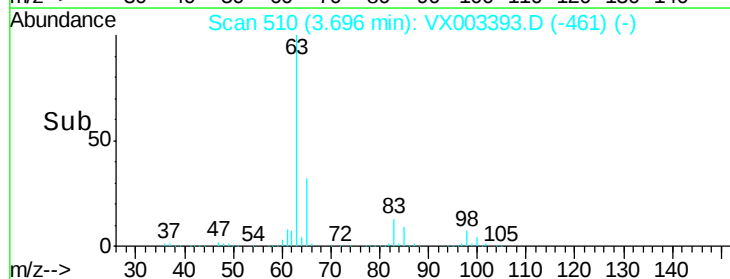
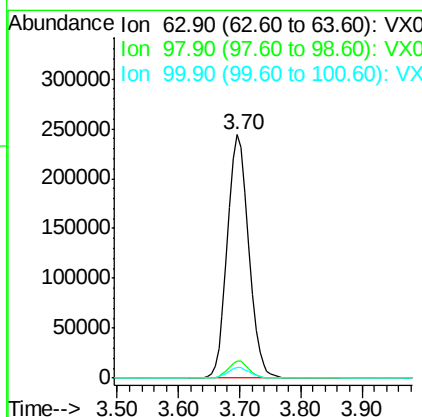
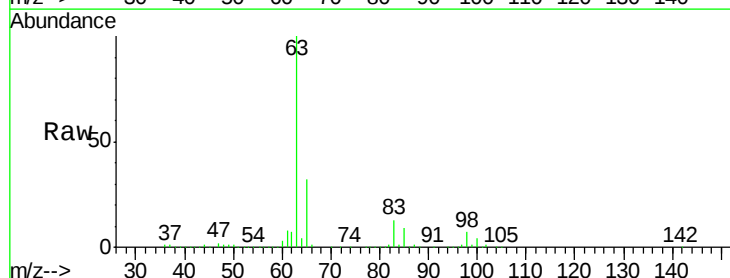
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

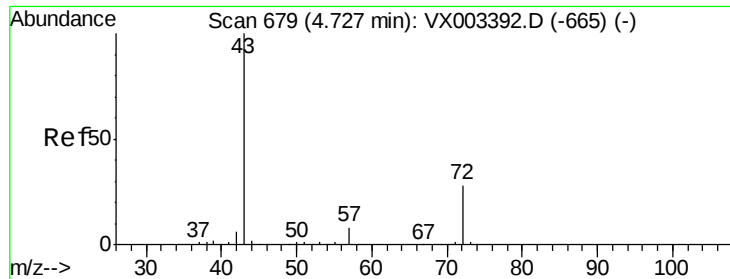
Tgt Ion: 43 Resp: 4279572
 Ion Ratio Lower Upper
 43 100
 86 10.6 7.4 11.0



#24
 1,1-Dichloroethane
 Concen: 82.435 ug/l
 RT: 3.70 min Scan# 510
 Delta R.T. -0.00 min
 Lab File: VX003393.D
 Acq: 16 Jul 2018 12:14

Tgt Ion: 63 Resp: 584323
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.4 10.2
 100 4.3 2.0 6.0





#25

2-Butanone

Concen: 431.842 ug/l

RT: 4.73 min Scan# 679

Delta R.T. -0.00 min

Lab File: VX003393.D

Acq: 16 Jul 2018 12:14

Instrument :

MSVOA_X

ClientSampleId :

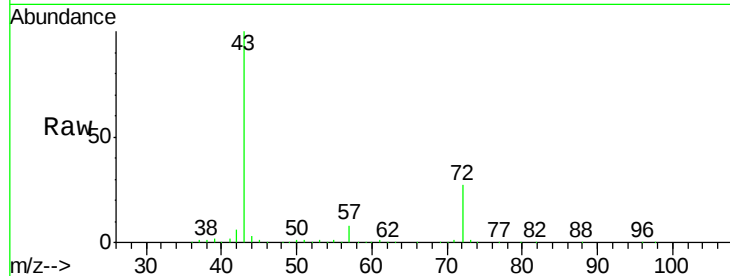
VSTDIC100

Tgt Ion: 43 Resp: 1240163

Ion Ratio Lower Upper

43 100

72 27.1 18.5 27.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

4.73

400000

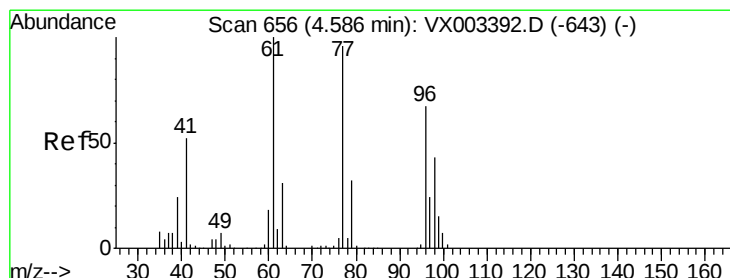
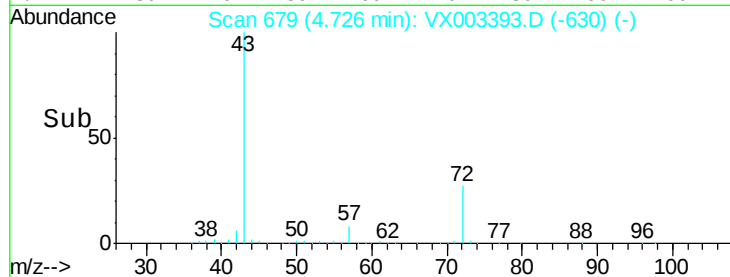
300000

200000

100000

0

Time-->



#26

2,2-Dichloropropane

Concen: 79.906 ug/l

RT: 4.58 min Scan# 655

Delta R.T. -0.01 min

Lab File: VX003393.D

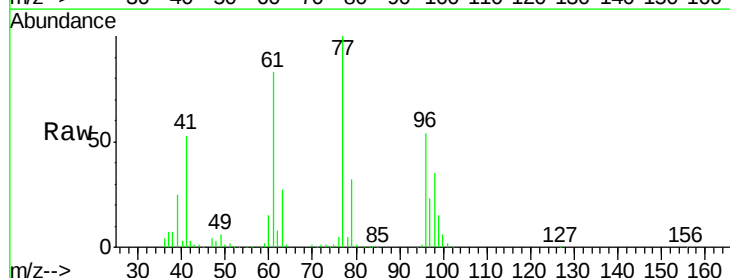
Acq: 16 Jul 2018 12:14

Tgt Ion: 77 Resp: 397566

Ion Ratio Lower Upper

77 100

97 24.4 11.2 33.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

4.58

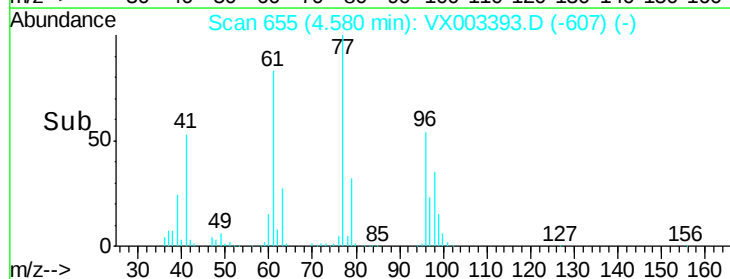
150000

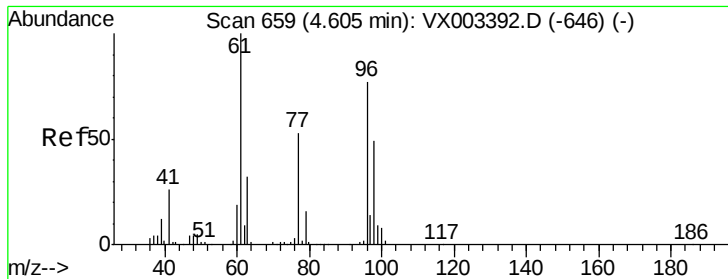
100000

50000

0

Time-->



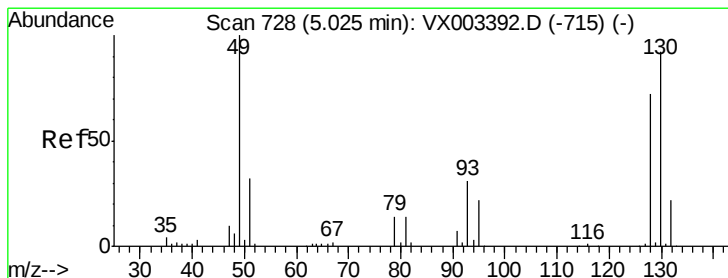
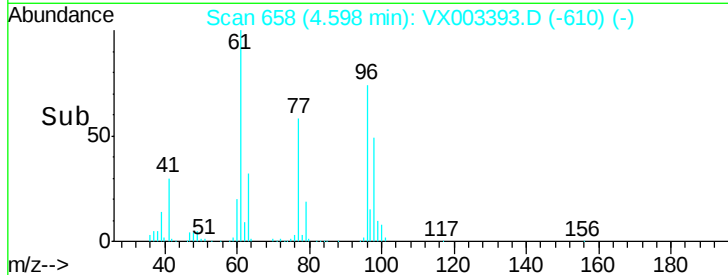
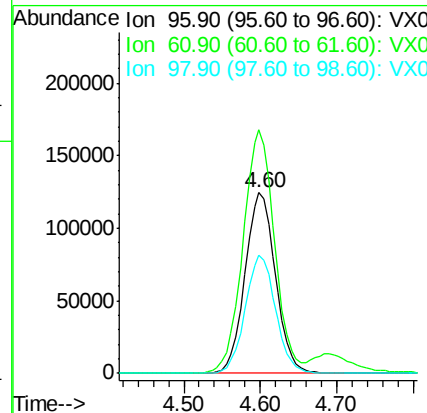
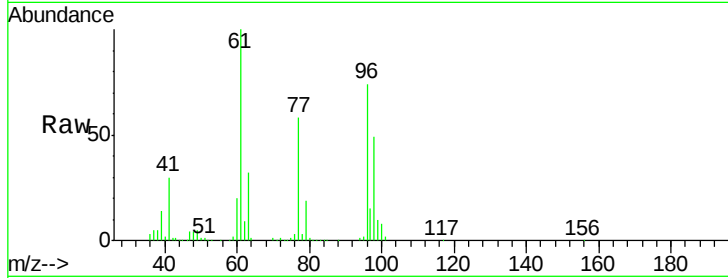


#27

cis-1,2-Dichloroethene
 Concen: 83.375 ug/l
 RT: 4.60 min Scan# 658
 Delta R.T. -0.01 min
 Lab File: VX003393.D
 Acq: 16 Jul 2018 12:14

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

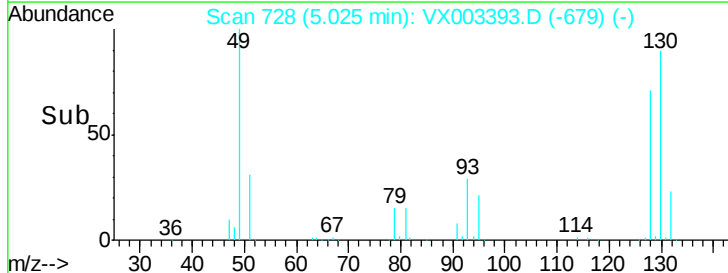
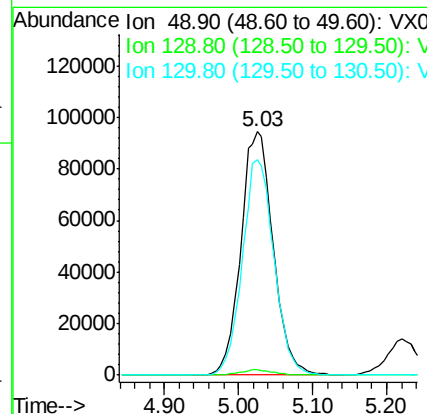
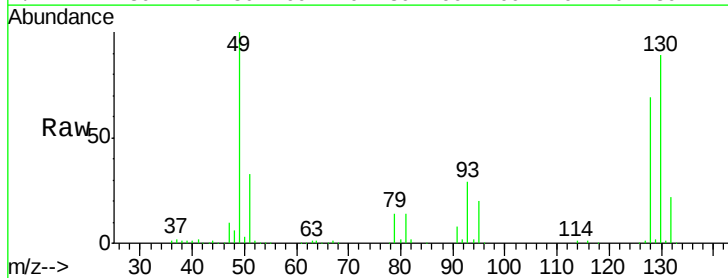
Tgt Ion: 96 Resp: 344056
 Ion Ratio Lower Upper
 96 100
 61 139.7 0.0 330.2
 98 65.3 0.0 130.2

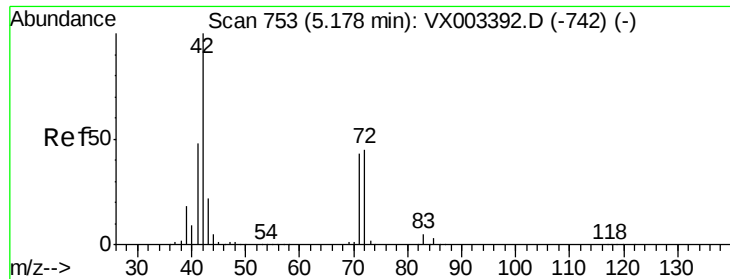


#28

Bromochloromethane
 Concen: 93.299 ug/l
 RT: 5.03 min Scan# 728
 Delta R.T. -0.00 min
 Lab File: VX003393.D
 Acq: 16 Jul 2018 12:14

Tgt Ion: 49 Resp: 287117
 Ion Ratio Lower Upper
 49 100
 129 2.2 0.0 4.2
 130 86.8 61.2 91.8





#29

Tetrahydrofuran

Concen: 439.271 ug/l

RT: 5.18 min Scan# 753

Delta R.T. -0.00 min

Lab File: VX003393.D

Acq: 16 Jul 2018 12:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

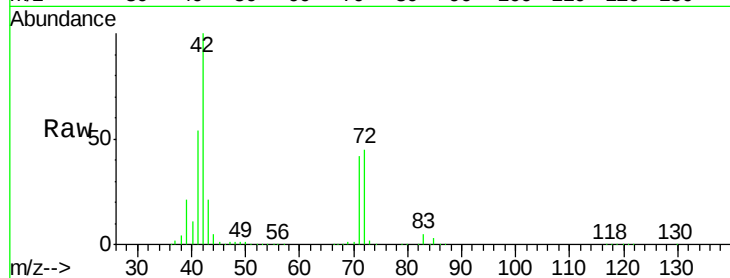
Tgt Ion: 42 Resp: 800030

Ion Ratio Lower Upper

42 100

72 45.6 32.0 48.0

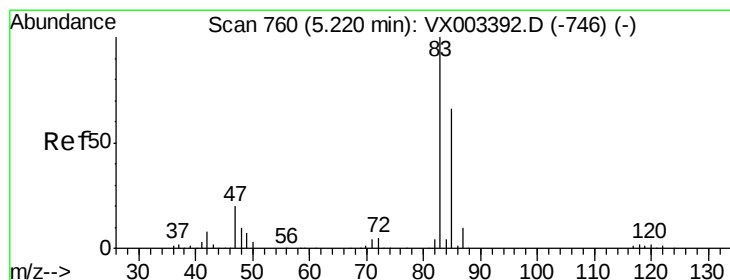
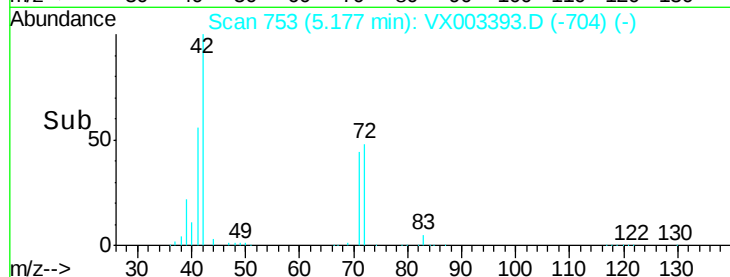
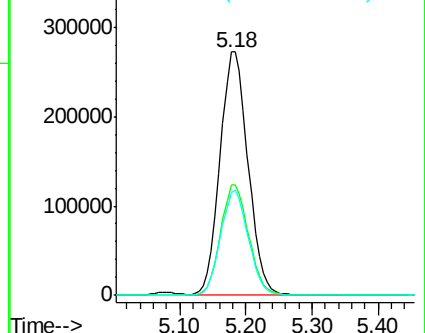
71 42.7 30.1 45.1



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 84.793 ug/l

RT: 5.22 min Scan# 760

Delta R.T. -0.00 min

Lab File: VX003393.D

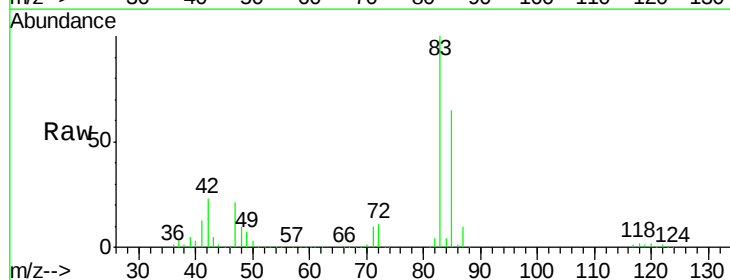
Acq: 16 Jul 2018 12:14

Tgt Ion: 83 Resp: 553854

Ion Ratio Lower Upper

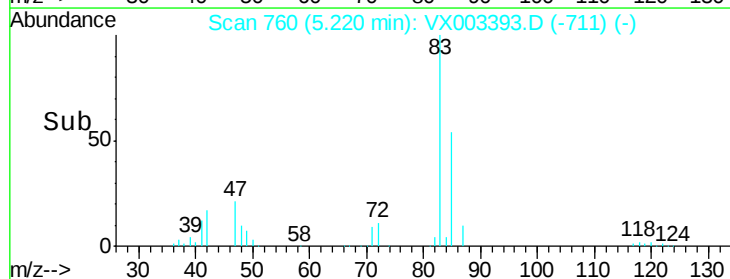
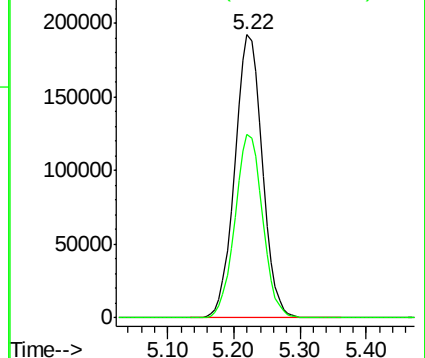
83 100

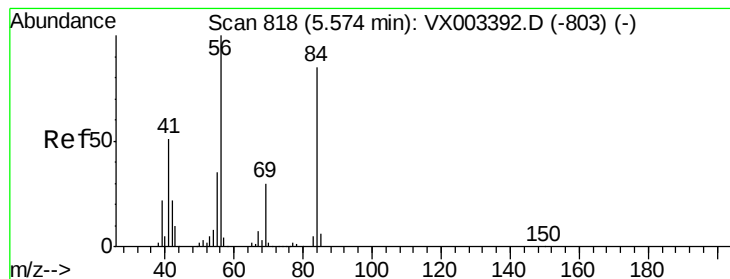
85 64.7 50.4 75.6



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 87.769 ug/l

RT: 5.57 min Scan# 818

Delta R.T. -0.00 min

Lab File: VX003393.D

Acq: 16 Jul 2018 12:14

Instrument :

MSVOA_X

ClientSampled :

VSTDICC100

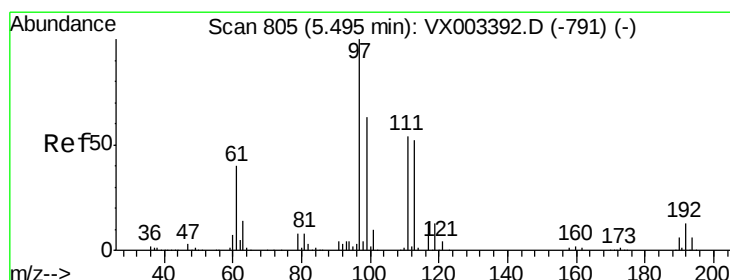
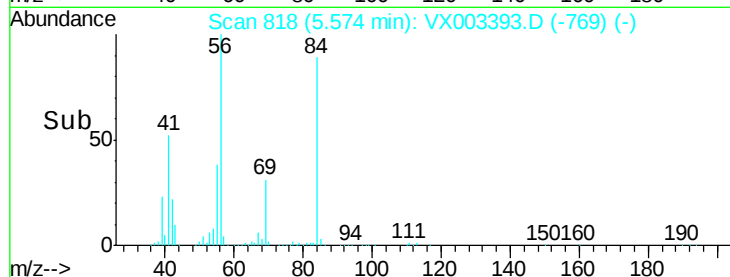
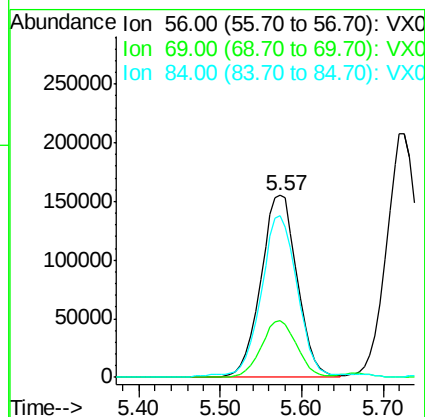
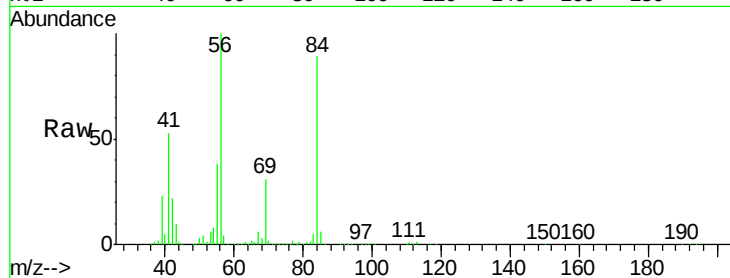
Tgt Ion: 56 Resp: 480448

Ion Ratio Lower Upper

56 100

69 31.0 23.7 35.5

84 88.8 64.1 96.1



#32

1,1,1-Trichloroethane

Concen: 86.848 ug/l

RT: 5.49 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX003393.D

Acq: 16 Jul 2018 12:14

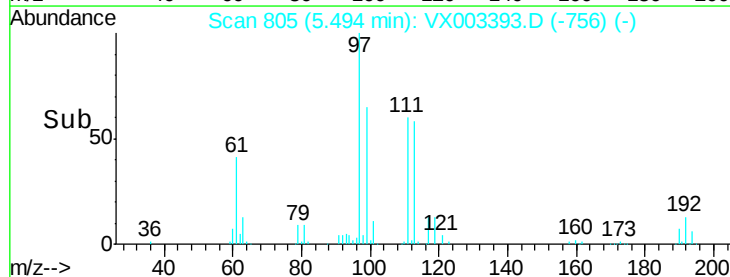
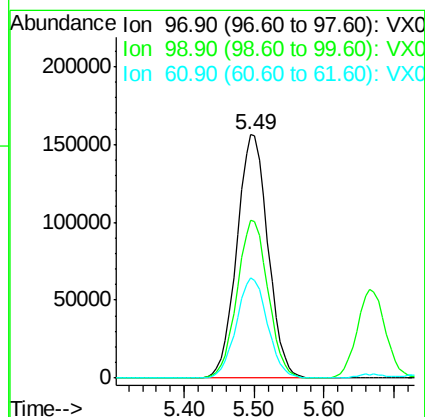
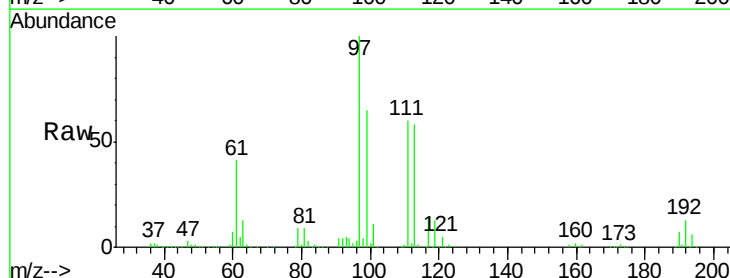
Tgt Ion: 97 Resp: 482468

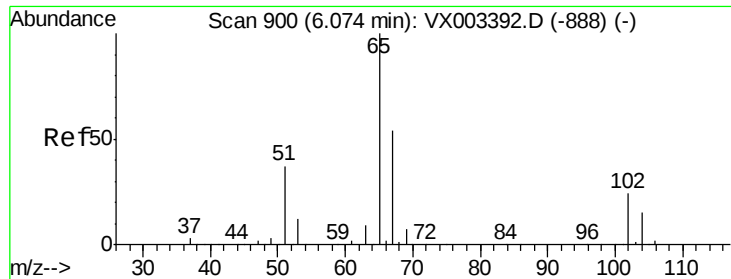
Ion Ratio Lower Upper

97 100

99 64.5 51.6 77.4

61 41.3 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 92.295 ug/l

RT: 6.07 min Scan# 900

Delta R.T. -0.00 min

Lab File: VX003393.D

Acq: 16 Jul 2018 12:14

Instrument :

MSVOA_X

ClientSampleId :

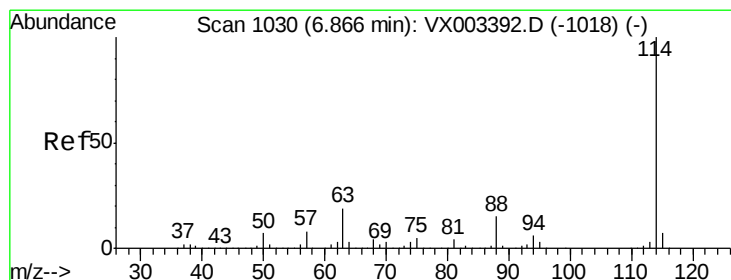
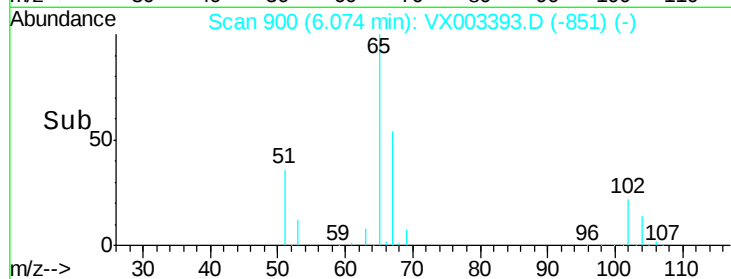
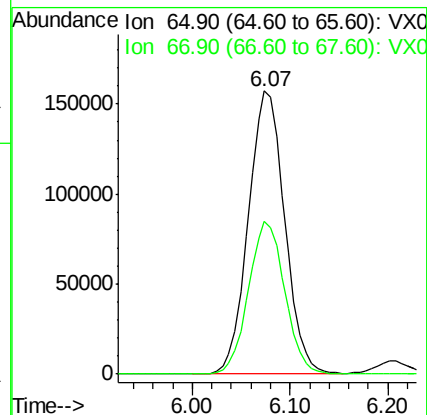
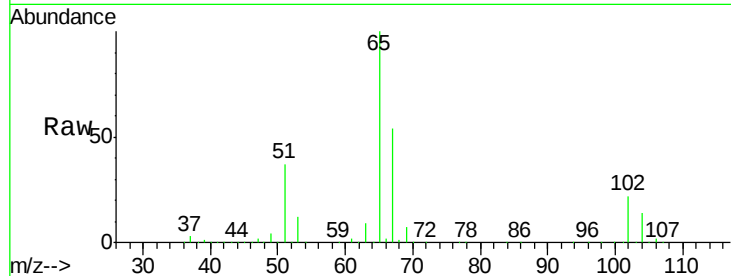
VSTDIC100

Tgt Ion: 65 Resp: 407183

Ion Ratio Lower Upper

65 100

67 53.9 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: VX003393.D

Acq: 16 Jul 2018 12:14

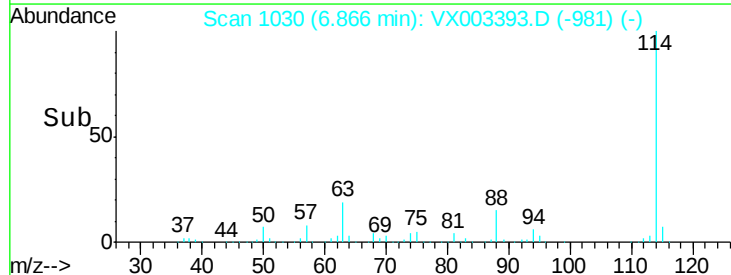
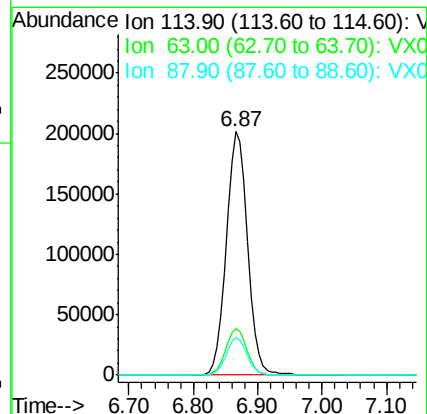
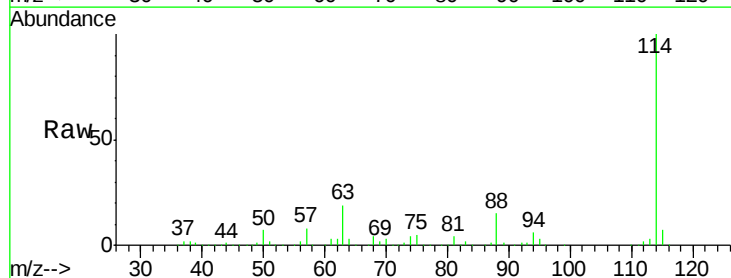
Tgt Ion: 114 Resp: 472780

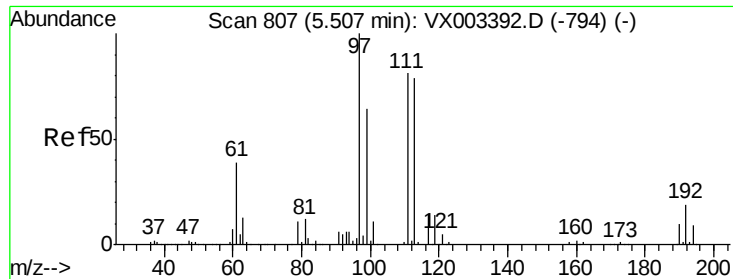
Ion Ratio Lower Upper

114 100

63 19.0 0.0 41.4

88 15.3 0.0 30.0

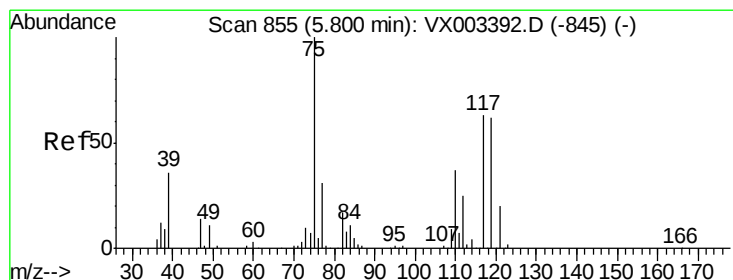
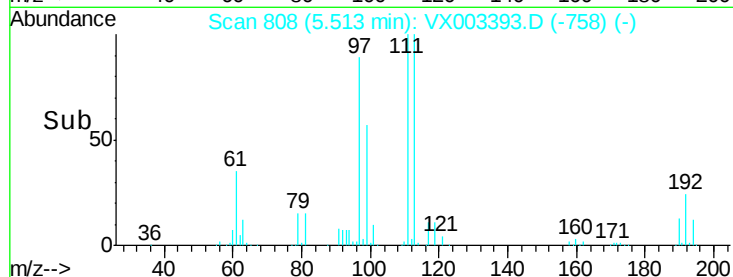
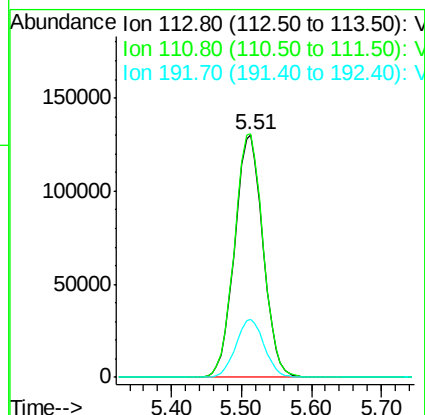
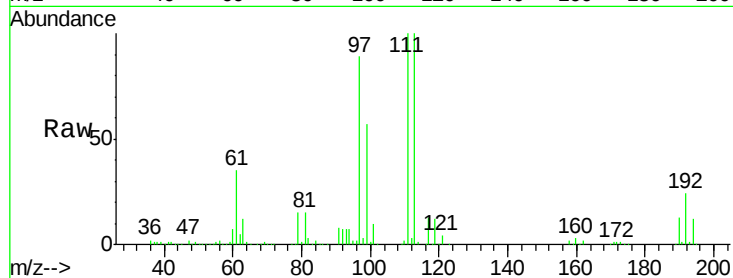




#35
 Dibromofluoromethane
 Concen: 95.735 ug/l
 RT: 5.51 min Scan# 808
 Delta R.T. 0.01 min
 Lab File: VX003393.D
 Acq: 16 Jul 2018 12:14

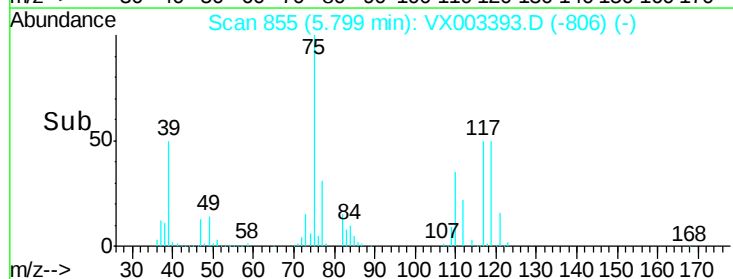
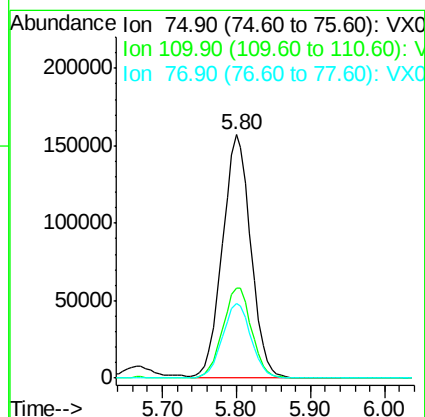
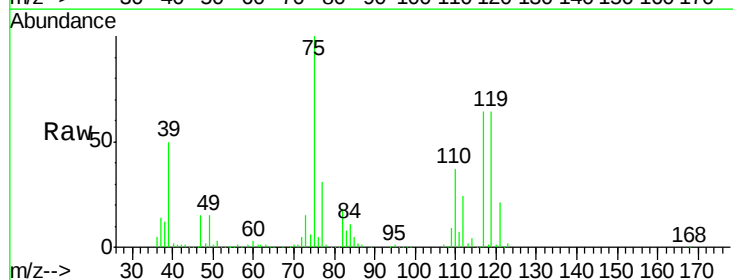
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

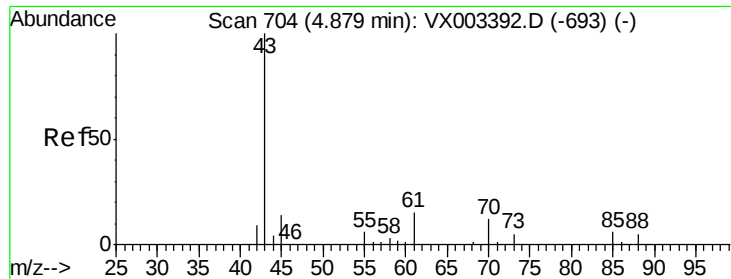
Tgt Ion:113 Resp: 366217
 Ion Ratio Lower Upper
 113 100
 111 101.3 81.4 122.0
 192 24.0 19.1 28.7



#36
 1,1-Dichloropropene
 Concen: 86.609 ug/l
 RT: 5.80 min Scan# 855
 Delta R.T. -0.00 min
 Lab File: VX003393.D
 Acq: 16 Jul 2018 12:14

Tgt Ion: 75 Resp: 414652
 Ion Ratio Lower Upper
 75 100
 110 38.0 18.1 54.4
 77 31.6 24.3 36.5





#37

Ethyl Acetate

Concen: 84.964 ug/l

RT: 4.88 min Scan# 704

Delta R.T. -0.00 min

Lab File: VX003393.D

Acq: 16 Jul 2018 12:14

Instrument :

MSVOA_X

ClientSampleID :

VSTDIC100

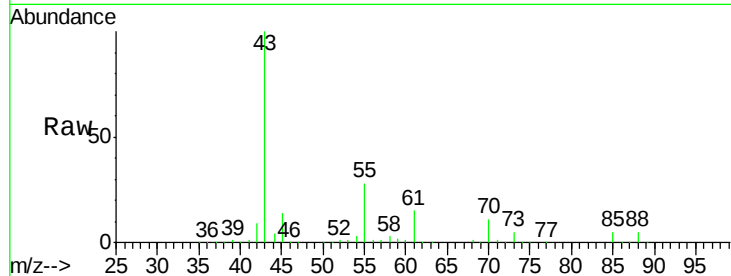
Tgt Ion: 43 Resp: 458376

Ion Ratio Lower Upper

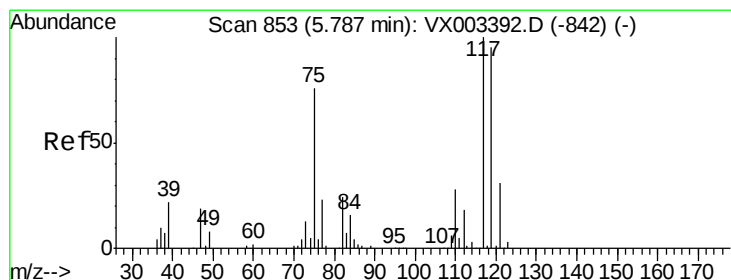
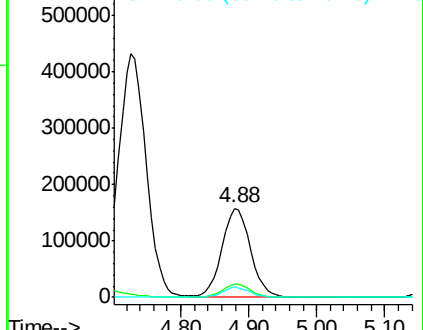
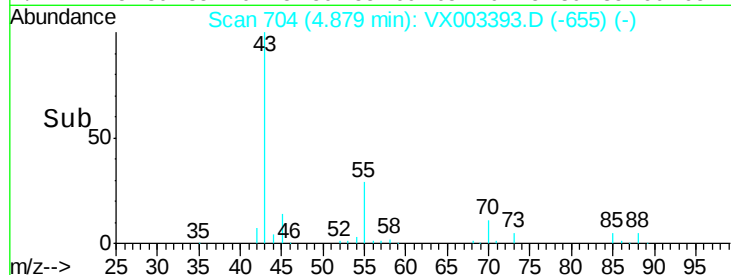
43 100

61 14.5 10.4 15.6

70 11.1 7.6 11.4



Abundance Ion 43.00 (42.70 to 43.70): VX003393.D (-655) (-)



#38

Carbon Tetrachloride

Concen: 88.405 ug/l

RT: 5.78 min Scan# 852

Delta R.T. -0.01 min

Lab File: VX003393.D

Acq: 16 Jul 2018 12:14

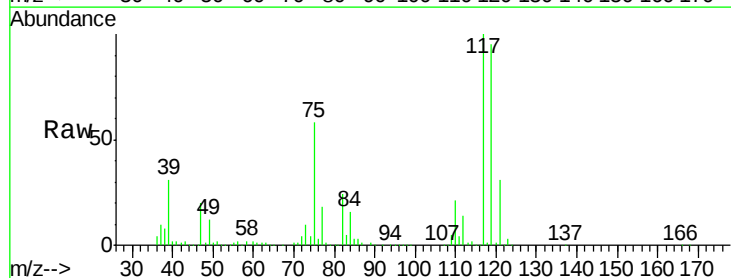
Tgt Ion: 117 Resp: 430701

Ion Ratio Lower Upper

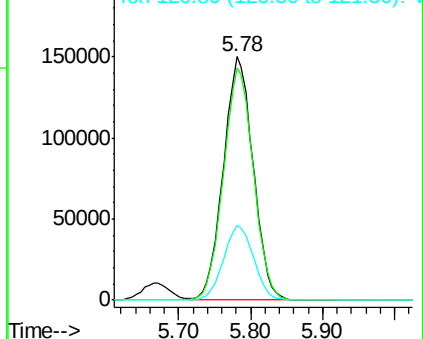
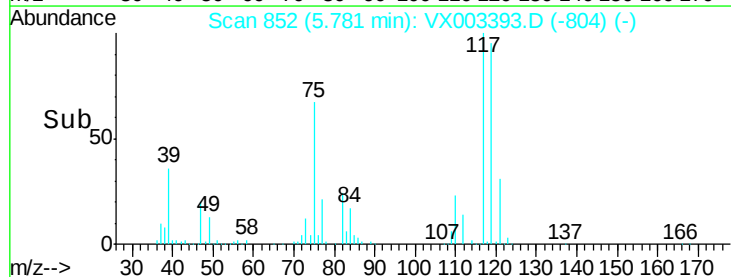
117 100

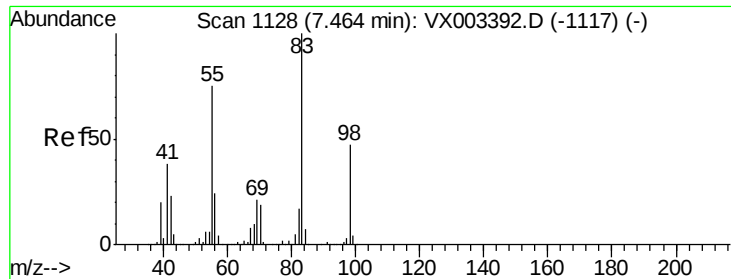
119 95.4 77.4 116.0

121 30.8 24.4 36.6



Abundance Ion 116.80 (116.50 to 117.50): VX003393.D (-804) (-)

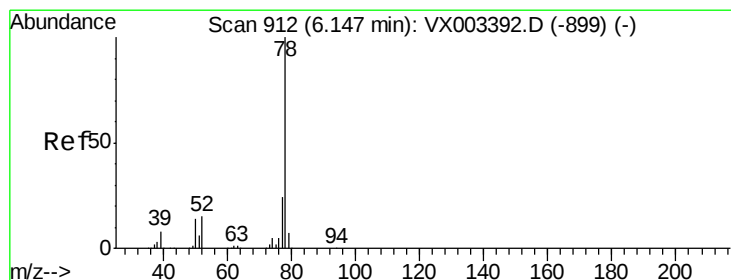
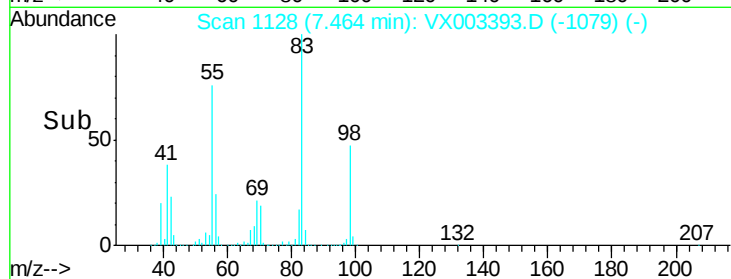
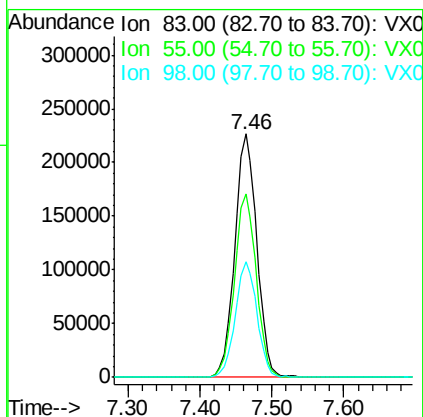
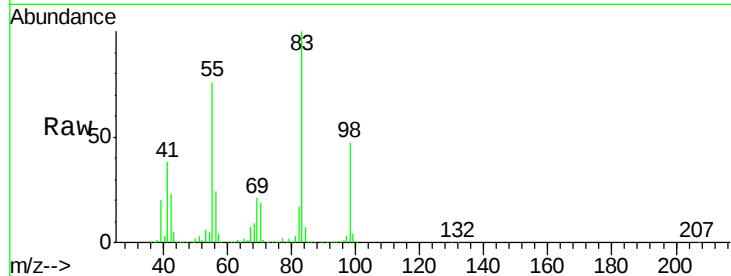




#39
Methylcyclohexane
Concen: 87.669 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VX003393.D
Acq: 16 Jul 2018 12:14

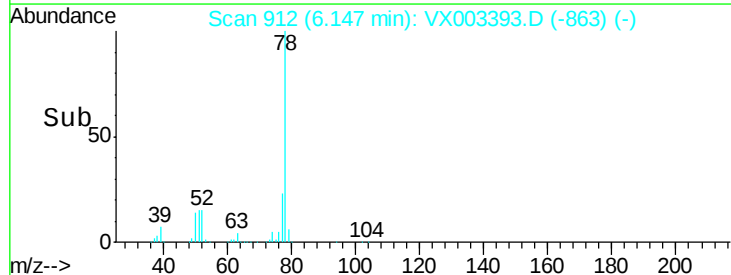
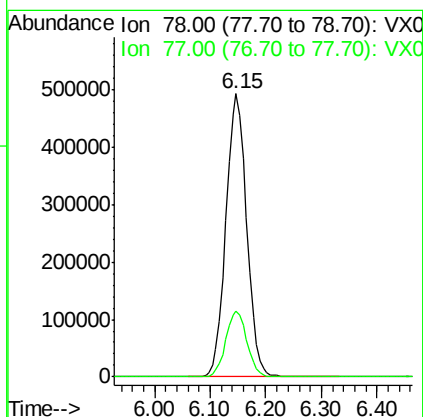
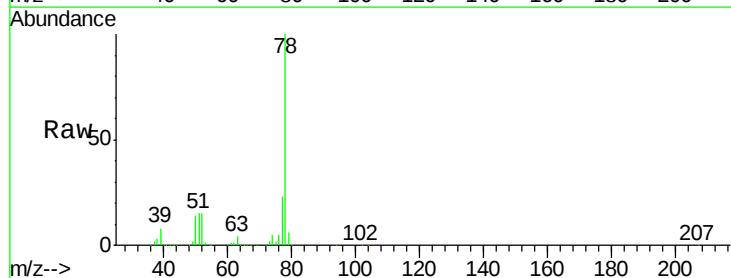
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

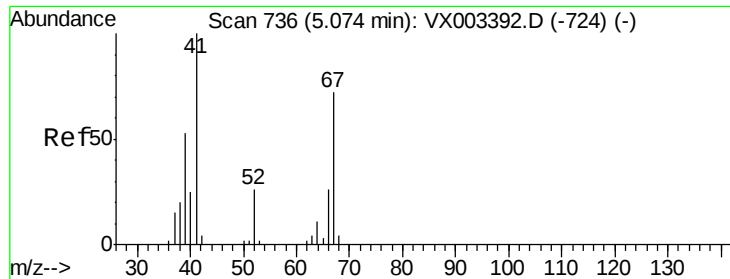
Tgt Ion: 83 Resp: 480457
Ion Ratio Lower Upper
83 100
55 75.5 65.4 98.0
98 47.3 37.4 56.0



#40
Benzene
Concen: 87.309 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.00 min
Lab File: VX003393.D
Acq: 16 Jul 2018 12:14

Tgt Ion: 78 Resp: 1271784
Ion Ratio Lower Upper
78 100
77 23.4 19.1 28.7

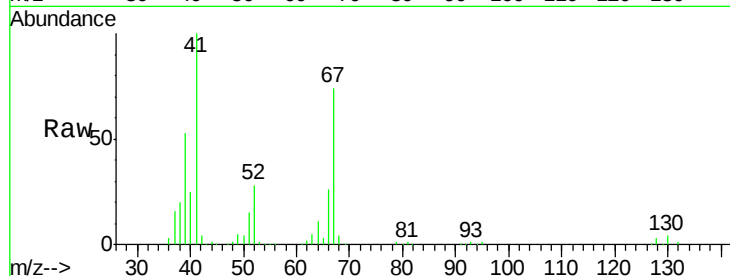




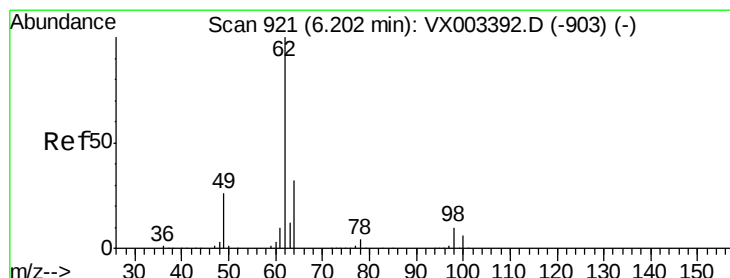
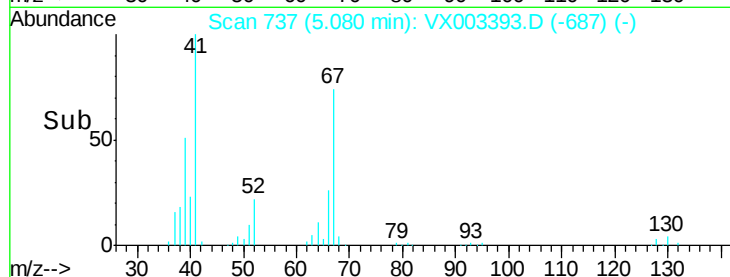
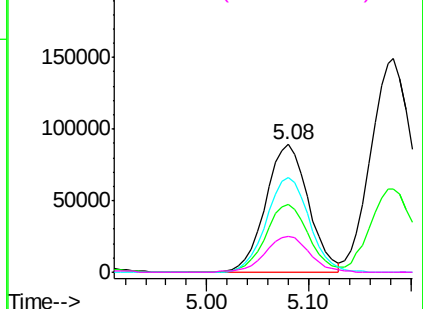
#41
Methacrylonitrile
Concen: 87.253 ug/l
RT: 5.08 min Scan# 737
Delta R.T. 0.01 min
Lab File: VX003393.D
Acq: 16 Jul 2018 12:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion:	41	Resp:	258859
Ion	Ratio	Lower	Upper
41	100		
39	52.8	45.8	68.6
67	74.6	51.3	76.9
52	28.8	23.0	34.6

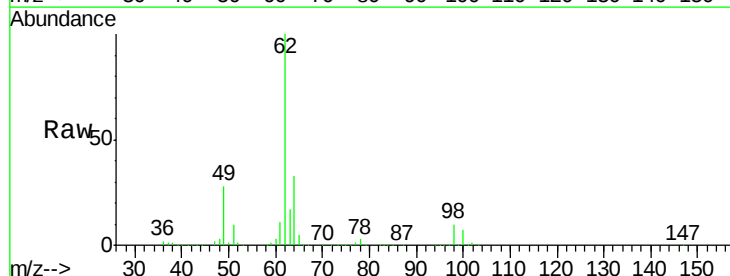


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

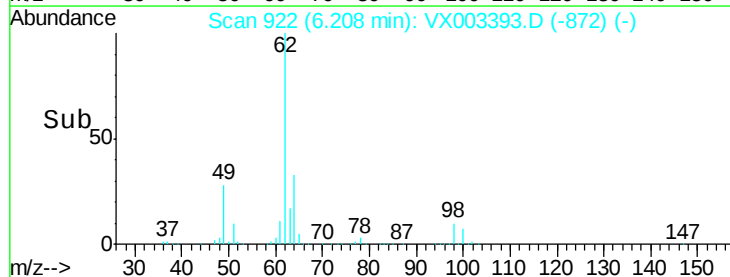
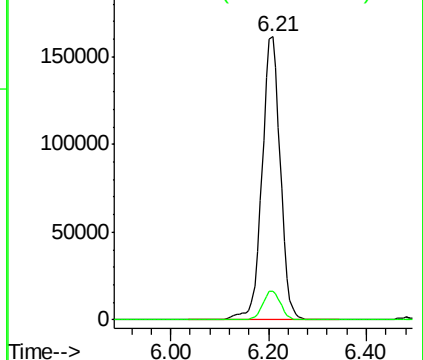


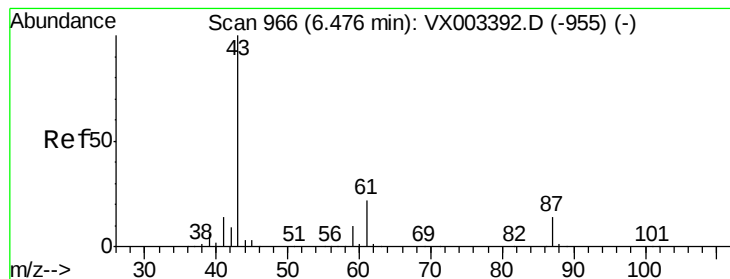
#42
1,2-Dichloroethane
Concen: 83.924 ug/l
RT: 6.21 min Scan# 922
Delta R.T. 0.01 min
Lab File: VX003393.D
Acq: 16 Jul 2018 12:14

Tgt Ion:	62	Resp:	419237
Ion	Ratio	Lower	Upper
62	100		
98	9.9	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: 89.400 ug/l

RT: 6.48 min Scan# 967

Delta R.T. 0.01 min

Lab File: VX003393.D

Acq: 16 Jul 2018 12:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

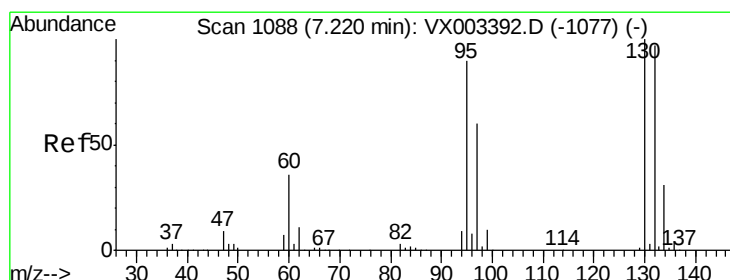
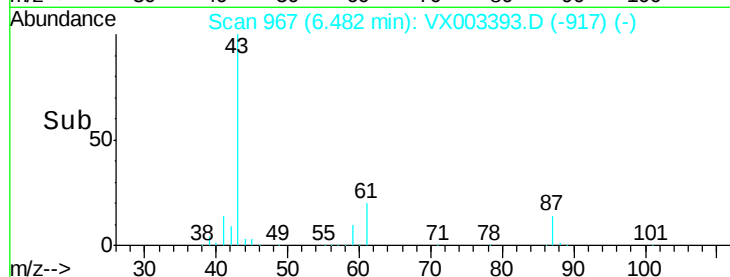
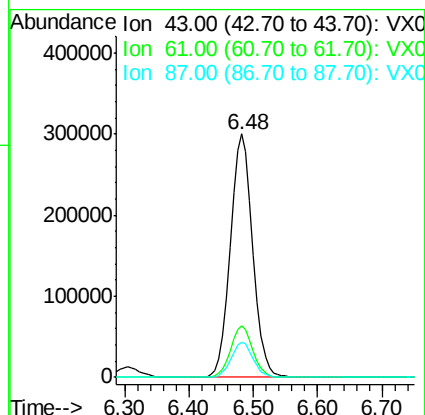
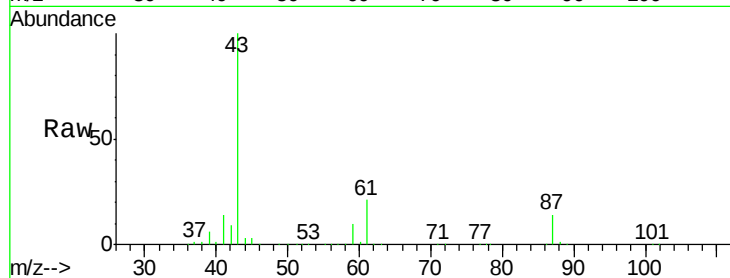
Tgt Ion: 43 Resp: 727941

Ion Ratio Lower Upper

43 100

61 21.0 14.4 21.6

87 14.3 9.5 14.3#



#44

Trichloroethene

Concen: 85.537 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. -0.00 min

Lab File: VX003393.D

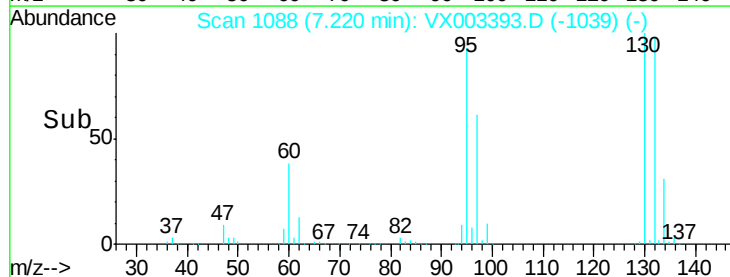
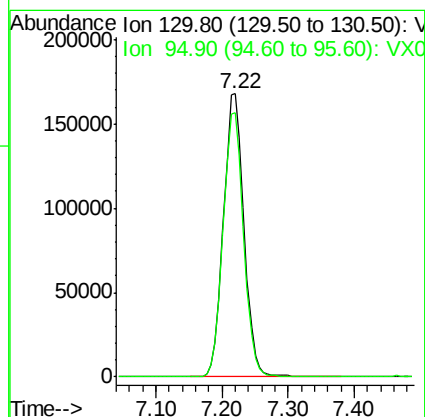
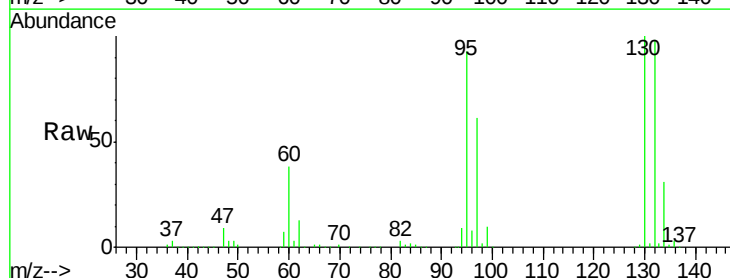
Acq: 16 Jul 2018 12:14

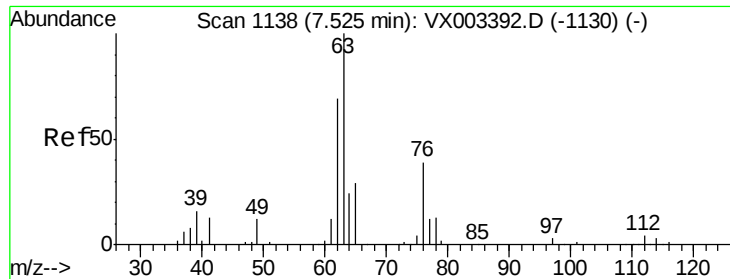
Tgt Ion:130 Resp: 360943

Ion Ratio Lower Upper

130 100

95 93.4 0.0 185.4





#45

1,2-Dichloropropane

Concen: 85.723 ug/l

RT: 7.52 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VX003393.D

Acq: 16 Jul 2018 12:14

Instrument :

MSVOA_X

ClientSampleId :

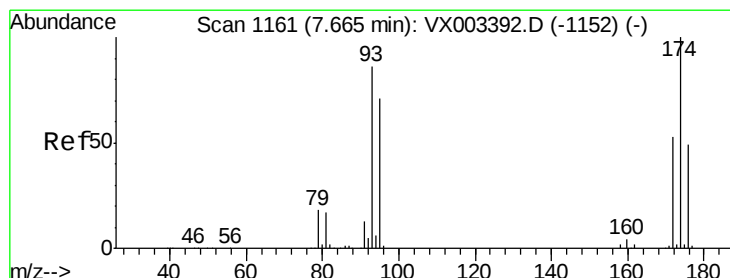
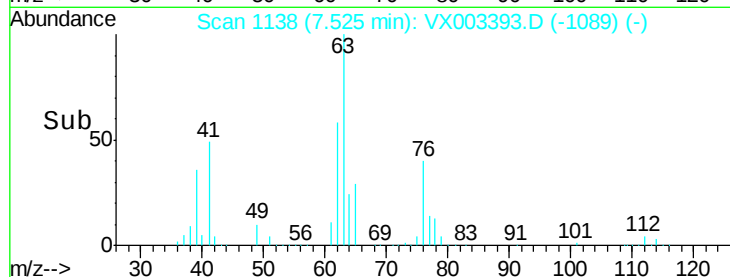
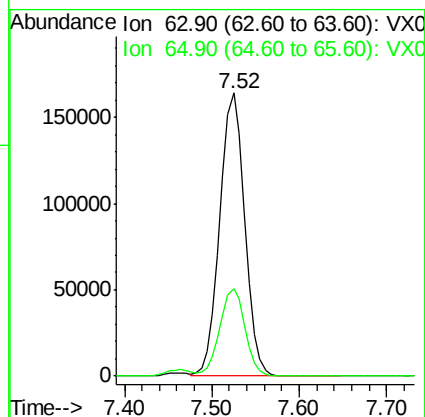
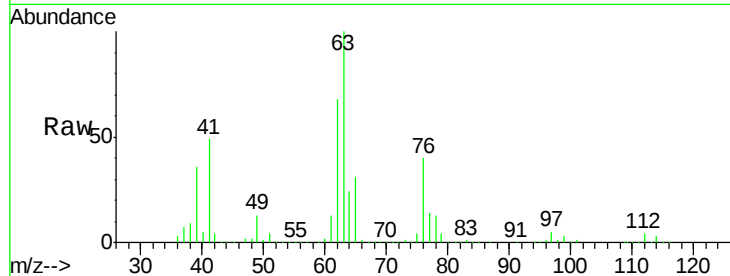
VSTDIC100

Tgt Ion: 63 Resp: 324818

Ion Ratio Lower Upper

63 100

65 30.8 24.7 37.1



#46

Dibromomethane

Concen: 85.956 ug/l

RT: 7.67 min Scan# 1162

Delta R.T. 0.01 min

Lab File: VX003393.D

Acq: 16 Jul 2018 12:14

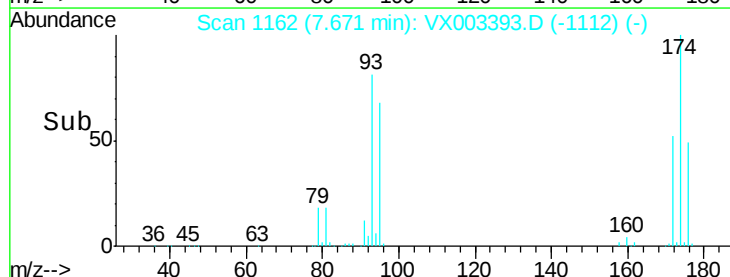
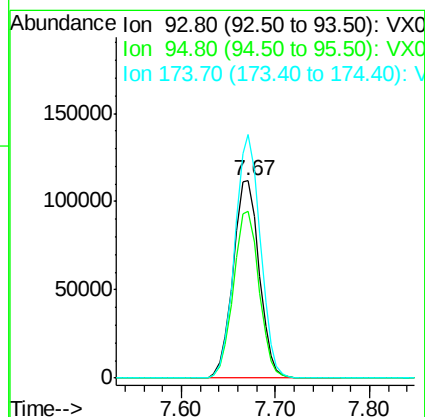
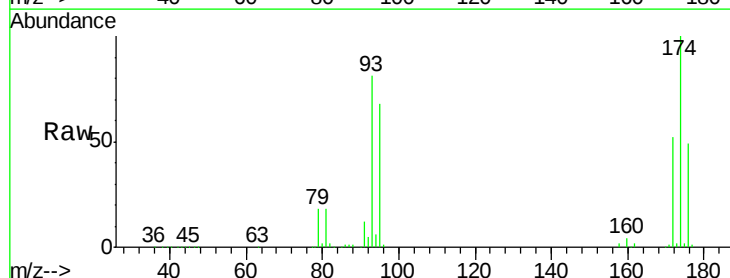
Tgt Ion: 93 Resp: 216873

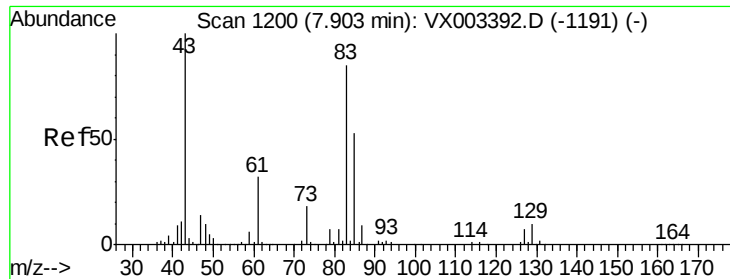
Ion Ratio Lower Upper

93 100

95 83.3 65.9 98.9

174 120.0 92.4 138.6





#47

Bromodichloromethane

Concen: 89.511 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.00 min

Lab File: VX003393.D

Acq: 16 Jul 2018 12:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

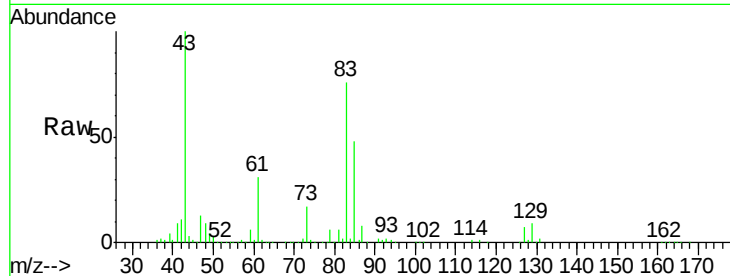
Tgt Ion: 83 Resp: 413571

Ion Ratio Lower Upper

83 100

85 63.6 50.3 75.5

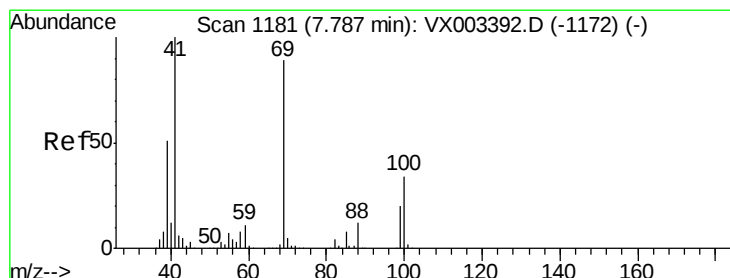
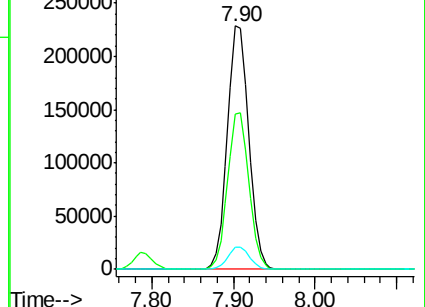
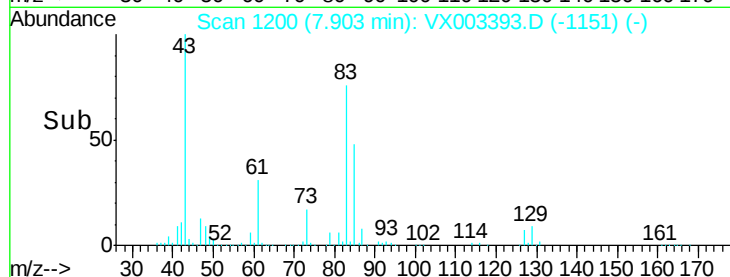
127 8.9 7.0 10.4



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: 91.313 ug/l

RT: 7.79 min Scan# 1181

Delta R.T. -0.00 min

Lab File: VX003393.D

Acq: 16 Jul 2018 12:14

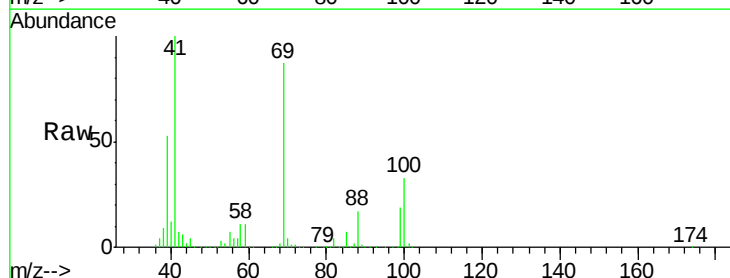
Tgt Ion: 41 Resp: 379322

Ion Ratio Lower Upper

41 100

69 86.6 59.1 88.7

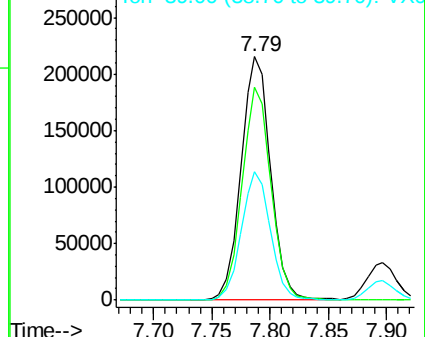
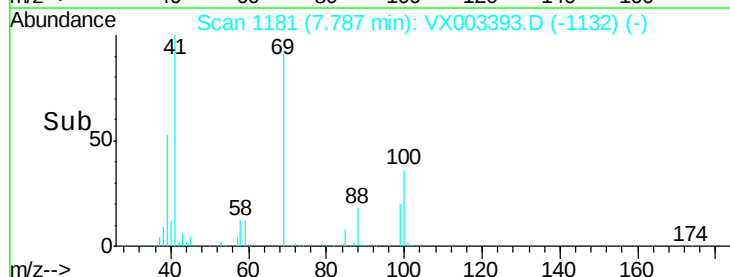
39 52.1 48.9 73.3

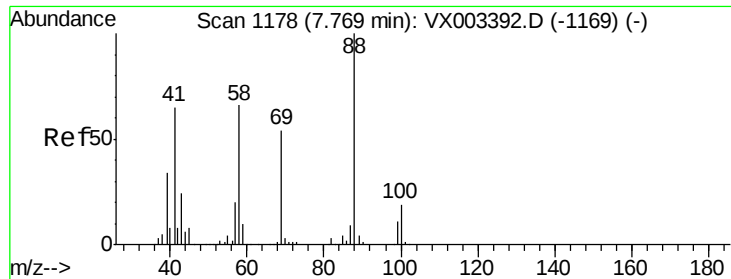


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

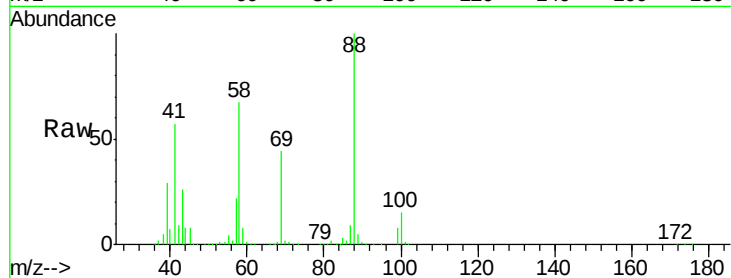




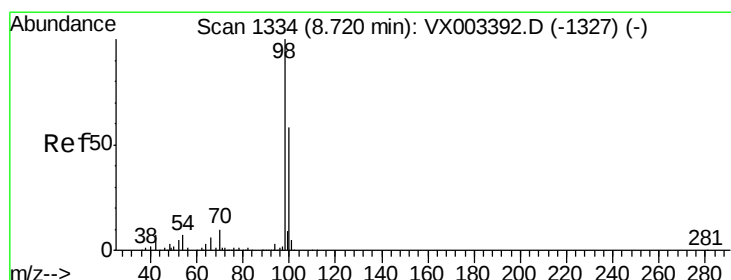
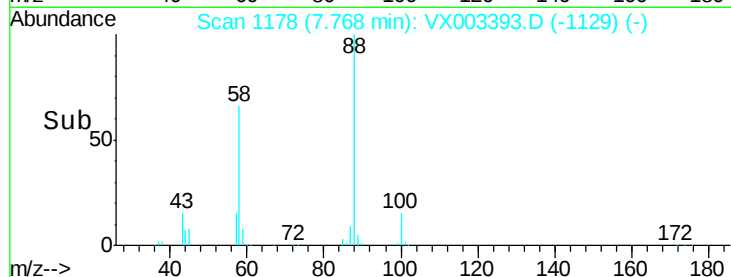
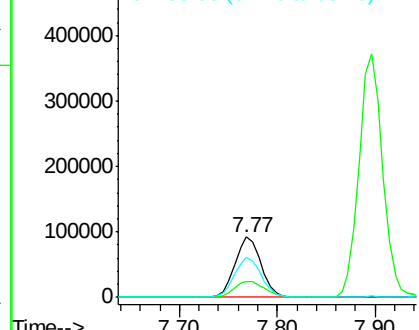
#49
1,4-Dioxane
Concen: 1788.686 ug/l
RT: 7.77 min Scan# 1178
Delta R.T. -0.00 min
Lab File: VX003393.D
Acq: 16 Jul 2018 12:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 88 Resp: 170126
Ion Ratio Lower Upper
88 100
43 30.4 29.8 44.6
58 68.9 57.1 85.7

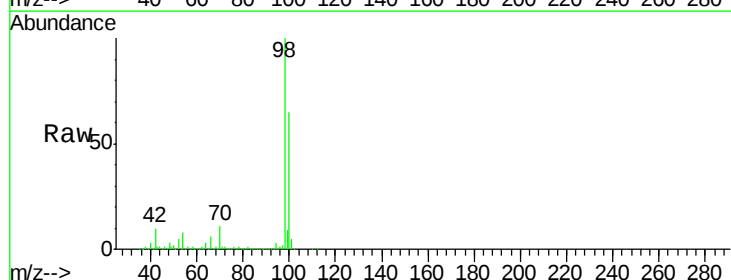


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

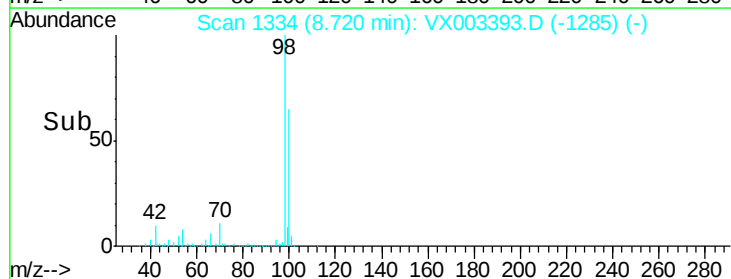
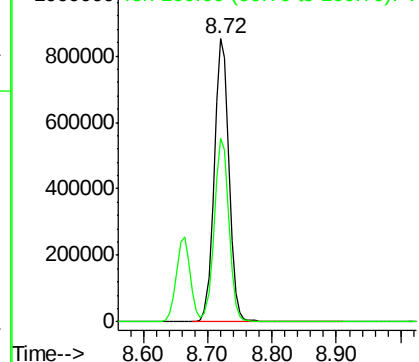


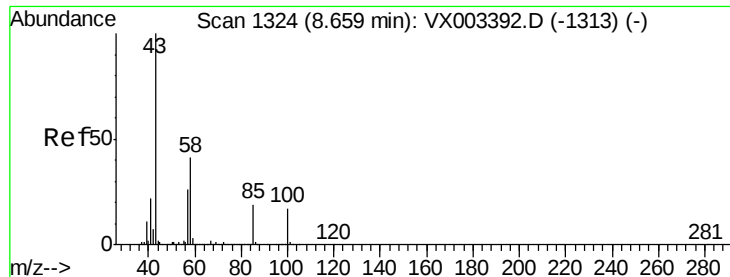
#50
Toluene-d8
Concen: 97.169 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX003393.D
Acq: 16 Jul 2018 12:14

Tgt Ion: 98 Resp: 1371708
Ion Ratio Lower Upper
98 100
100 64.7 50.9 76.3



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

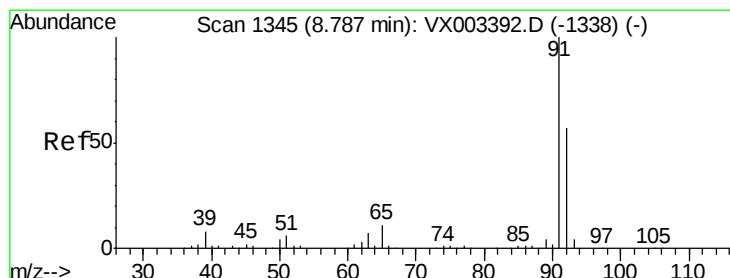
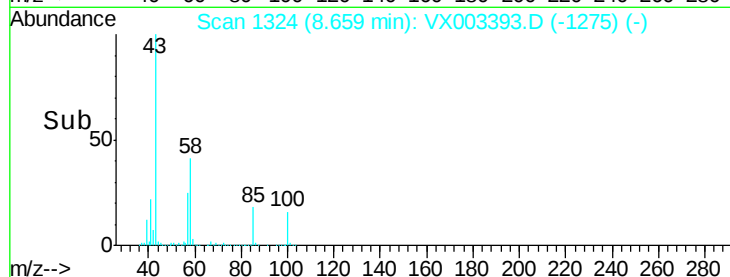
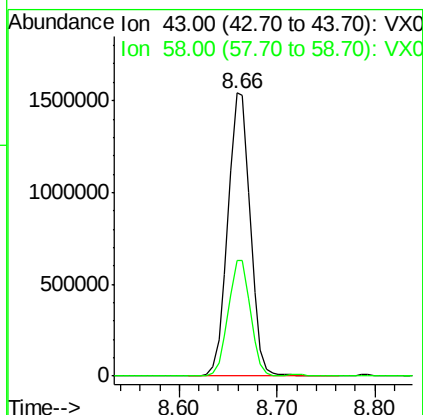
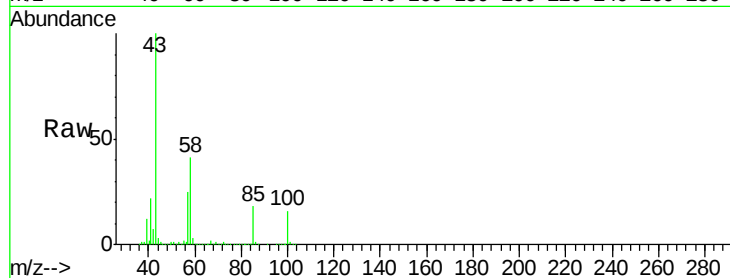




#51
 4-Methyl-2-Pentanone
 Concen: 456.866 ug/l
 RT: 8.66 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX003393.D
 Acq: 16 Jul 2018 12:14

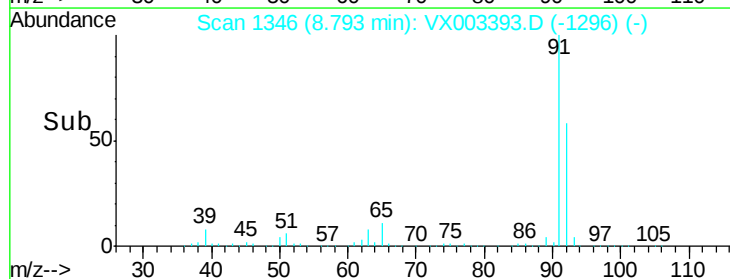
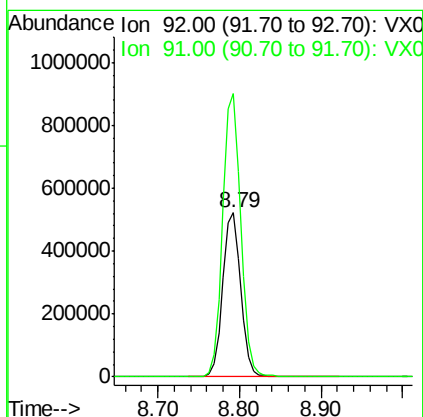
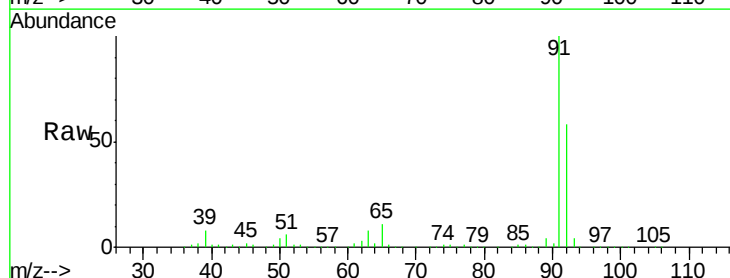
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

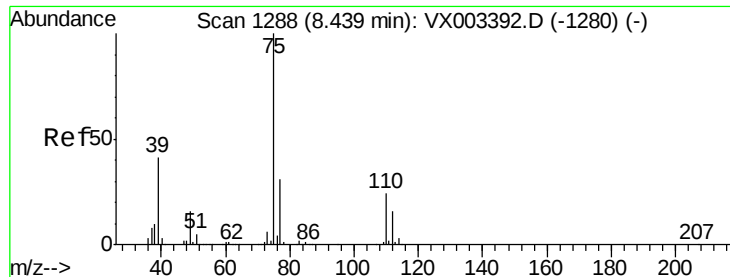
Tgt Ion: 43 Resp: 2448798
 Ion Ratio Lower Upper
 43 100
 58 40.5 28.6 42.8



#52
 Toluene
 Concen: 87.651 ug/l
 RT: 8.79 min Scan# 1346
 Delta R.T. 0.01 min
 Lab File: VX003393.D
 Acq: 16 Jul 2018 12:14

Tgt Ion: 92 Resp: 799398
 Ion Ratio Lower Upper
 92 100
 91 173.7 140.4 210.6

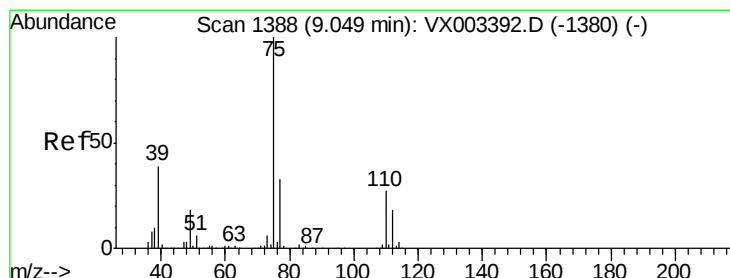
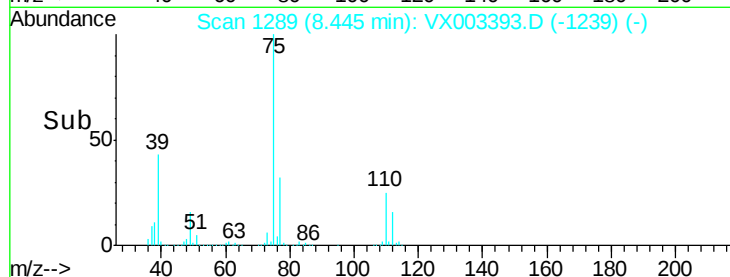
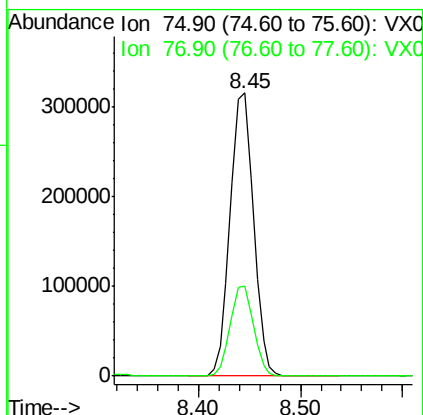
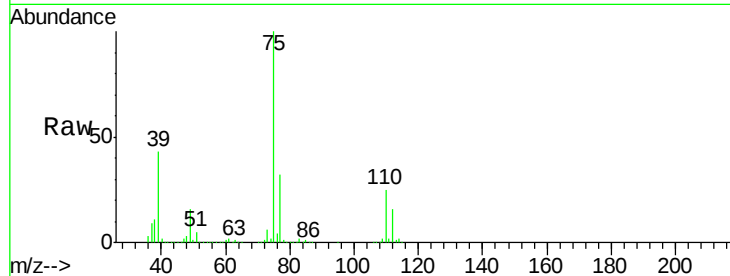




#53
 t-1,3-Dichloropropene
 Concen: 92.065 ug/l
 RT: 8.45 min Scan# 1289
 Delta R.T. 0.01 min
 Lab File: VX003393.D
 Acq: 16 Jul 2018 12:14

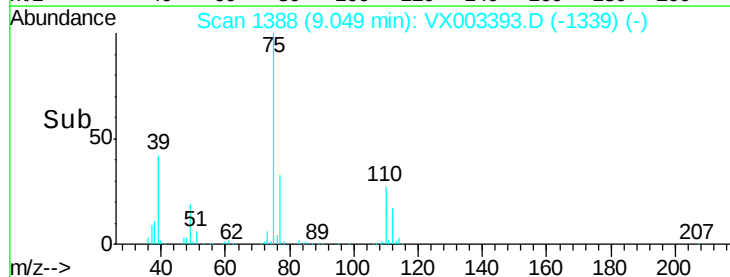
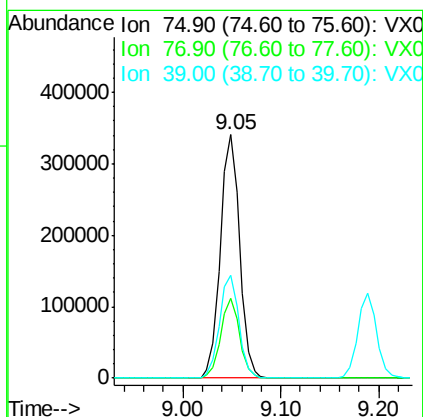
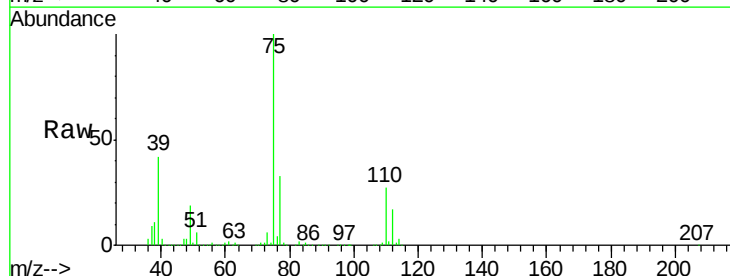
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

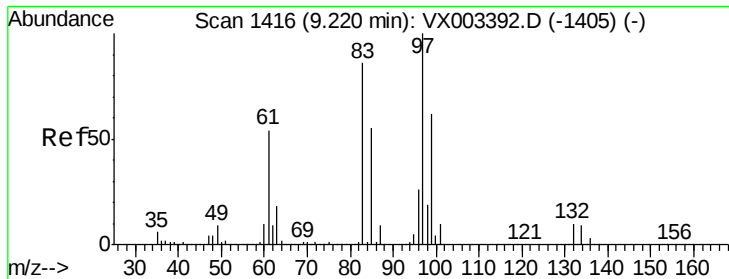
Tgt Ion: 75 Resp: 502258
 Ion Ratio Lower Upper
 75 100
 77 31.7 25.4 38.2



#54
 cis-1,3-Dichloropropene
 Concen: 93.578 ug/l
 RT: 9.05 min Scan# 1388
 Delta R.T. -0.00 min
 Lab File: VX003393.D
 Acq: 16 Jul 2018 12:14

Tgt Ion: 75 Resp: 465913
 Ion Ratio Lower Upper
 75 100
 77 32.5 24.8 37.2
 39 42.1 42.4 63.6#

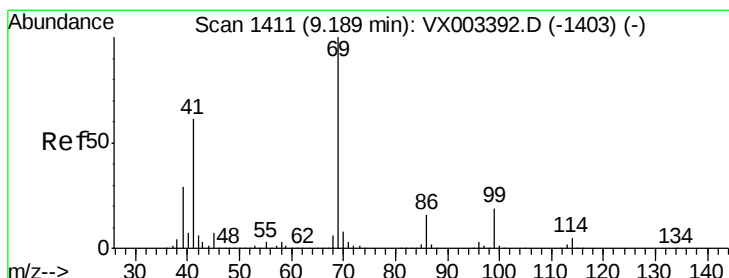
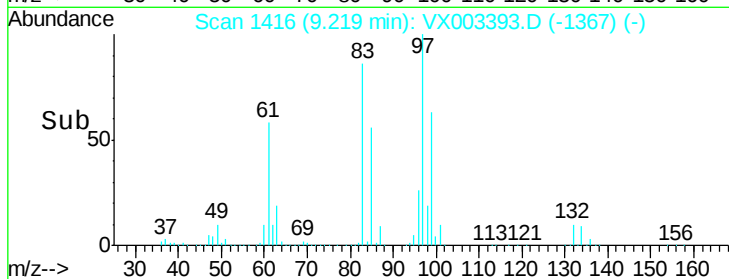
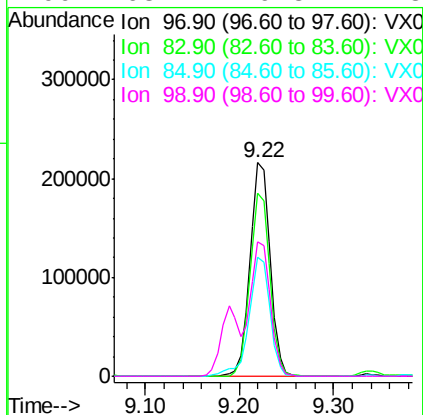
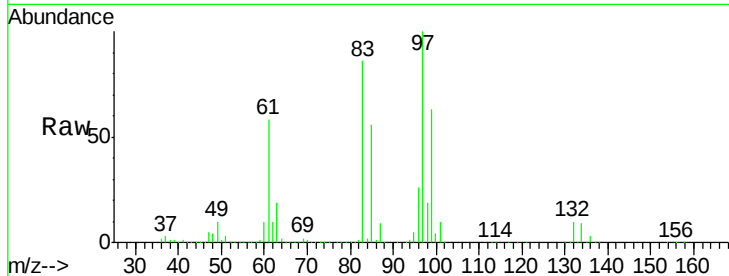




#55
 1,1,2-Trichloroethane
 Concen: 85.708 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: VX003393.D
 Acq: 16 Jul 2018 12:14

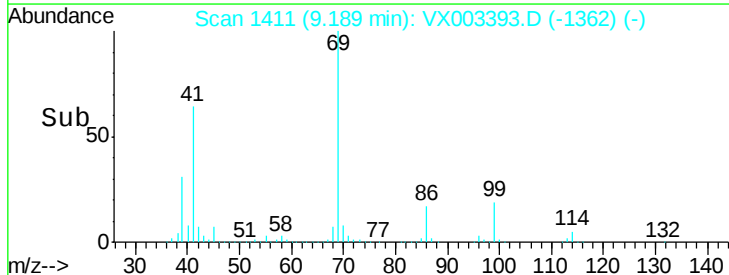
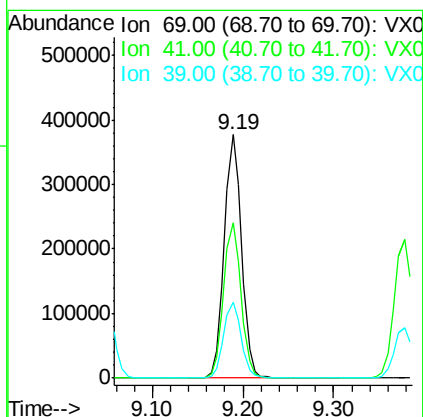
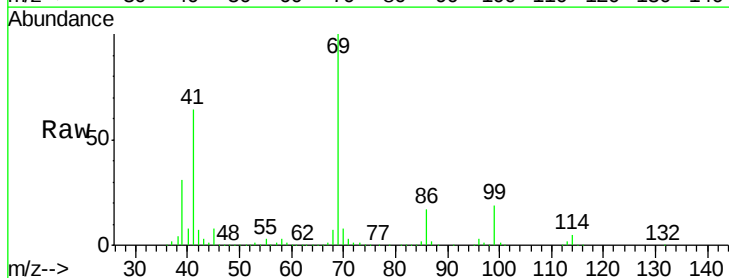
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

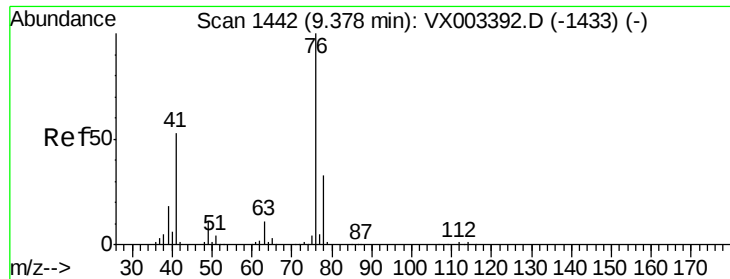
Tgt Ion:	97	Resp:	326588
Ion	Ratio	Lower	Upper
97	100		
83	85.6	70.2	105.2
85	56.0	44.9	67.3
99	63.1	49.8	74.8



#56
 Ethyl methacrylate
 Concen: 93.309 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. -0.00 min
 Lab File: VX003393.D
 Acq: 16 Jul 2018 12:14

Tgt Ion:	69	Resp:	503424
Ion	Ratio	Lower	Upper
69	100		
41	64.2	60.3	90.5
39	31.8	35.8	53.8#





#57

1,3-Dichloropropane

Concen: 87.048 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. -0.00 min

Lab File: VX003393.D

Acq: 16 Jul 2018 12:14

Instrument :

MSVOA_X

ClientSampleId :

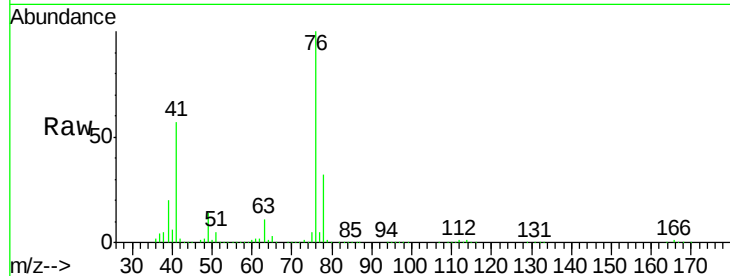
VSTDIC100

Tgt Ion: 76 Resp: 532956

Ion Ratio Lower Upper

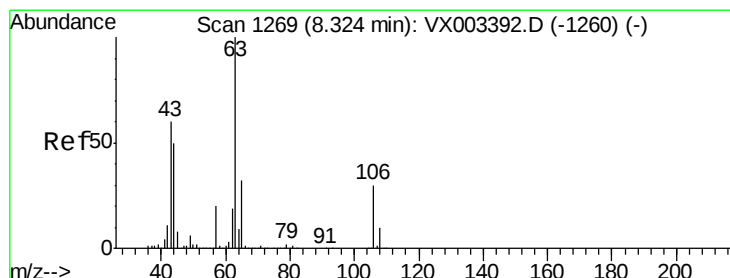
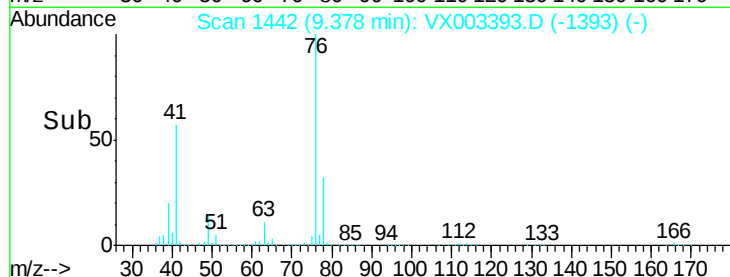
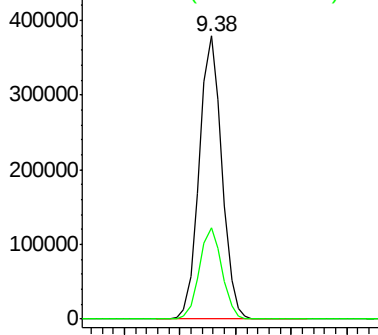
76 100

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



#58

2-Chloroethyl Vinyl ether

Concen: 475.448 ug/l

RT: 8.32 min Scan# 1269

Delta R.T. -0.00 min

Lab File: VX003393.D

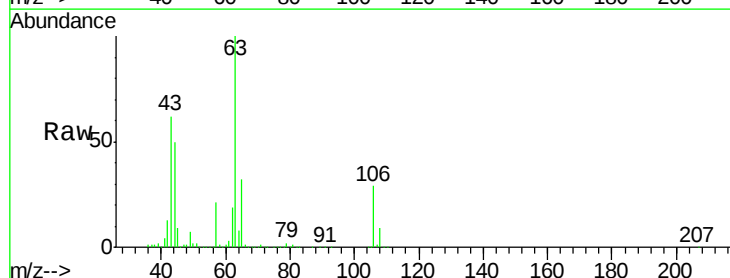
Acq: 16 Jul 2018 12:14

Tgt Ion: 63 Resp: 1286291

Ion Ratio Lower Upper

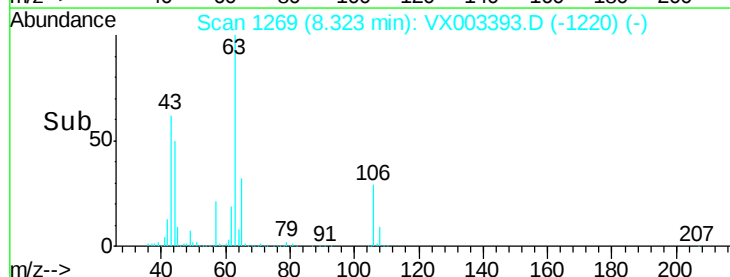
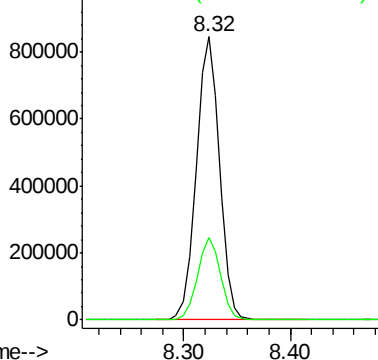
63 100

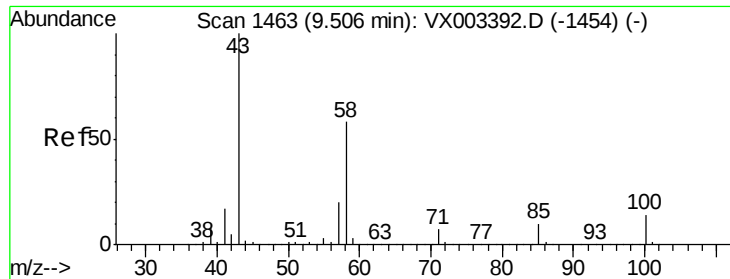
106 28.7 21.8 32.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

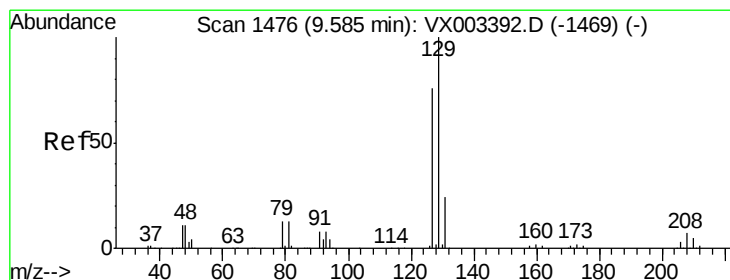
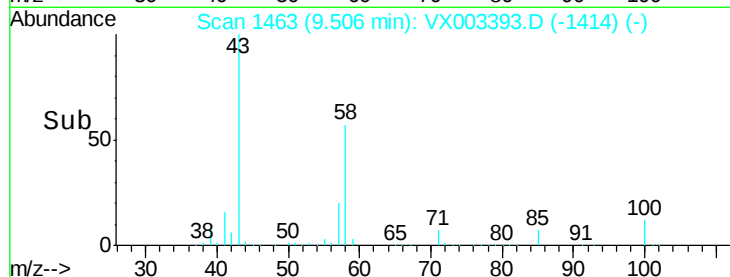
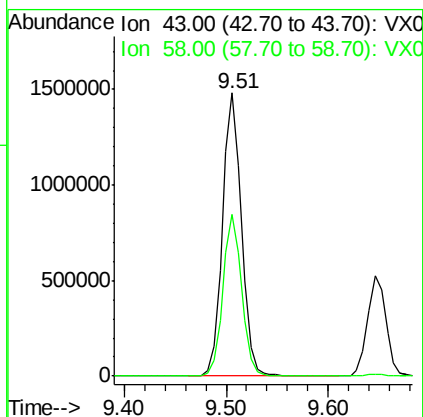
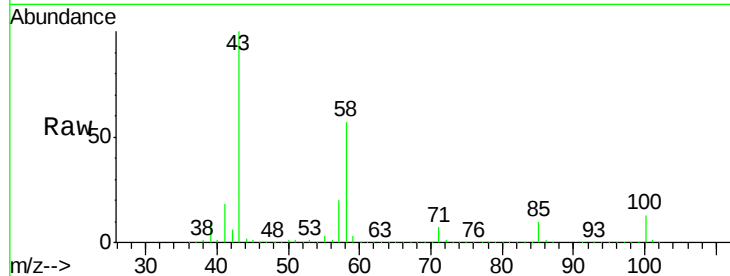




#59
2-Hexanone
Concen: 464.721 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. -0.00 min
Lab File: VX003393.D
Acq: 16 Jul 2018 12:14

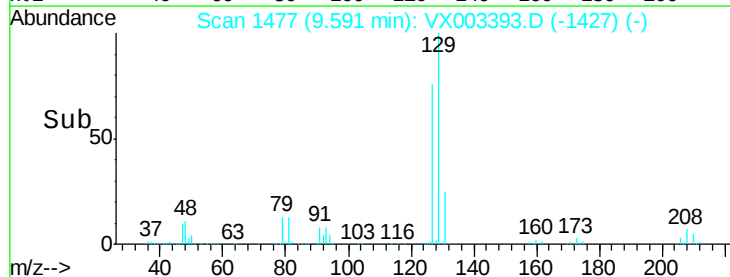
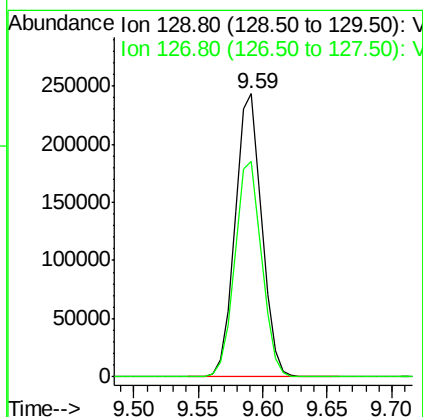
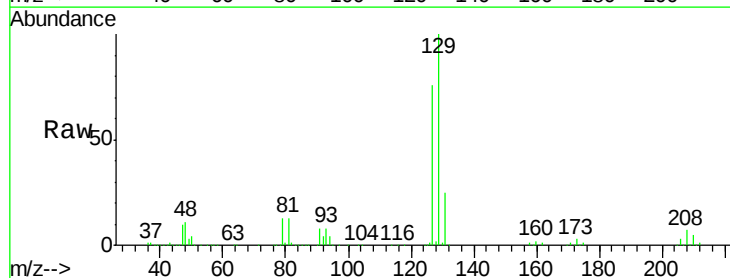
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

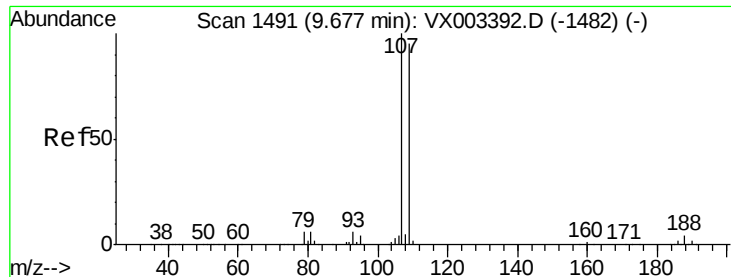
Tgt Ion: 43 Resp: 1913803
Ion Ratio Lower Upper
43 100
58 56.6 24.6 73.6



#60
Dibromochloromethane
Concen: 92.204 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. 0.01 min
Lab File: VX003393.D
Acq: 16 Jul 2018 12:14

Tgt Ion: 129 Resp: 349091
Ion Ratio Lower Upper
129 100
127 76.8 38.5 115.3





#61

1,2-Dibromoethane

Concen: 88.286 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX003393.D

Acq: 16 Jul 2018 12:14

Instrument :

MSVOA_X

ClientSampleId :

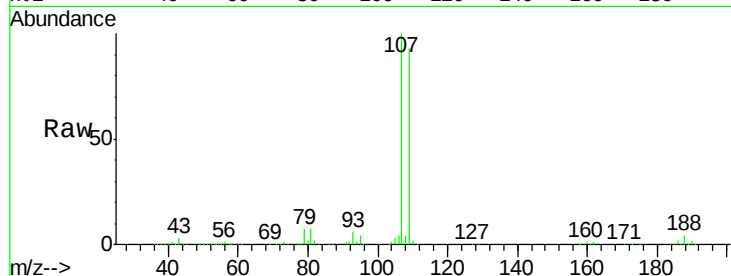
VSTDIC100

Tgt Ion: 107 Resp: 346762

Ion Ratio Lower Upper

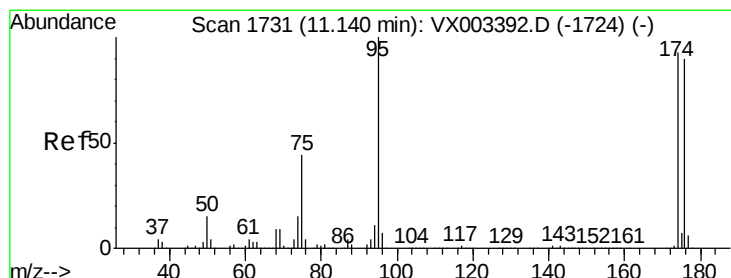
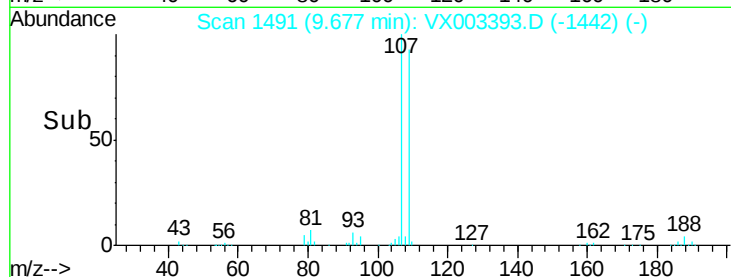
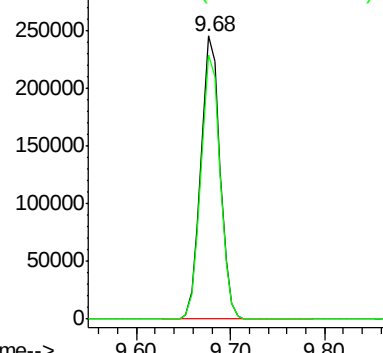
107 100

109 94.4 75.3 112.9



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 101.263 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX003393.D

Acq: 16 Jul 2018 12:14

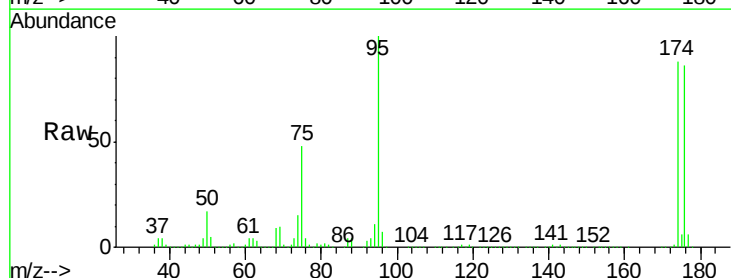
Tgt Ion: 95 Resp: 510373

Ion Ratio Lower Upper

95 100

174 94.9 0.0 187.4

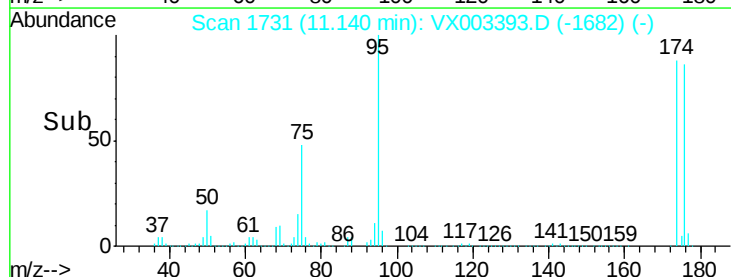
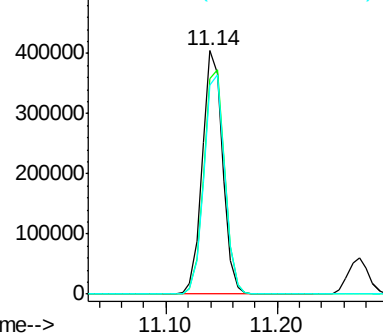
176 92.6 0.0 181.0

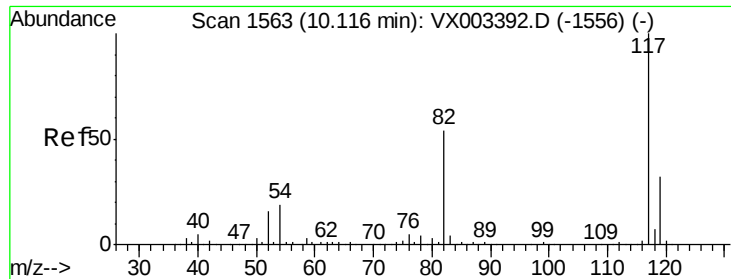


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

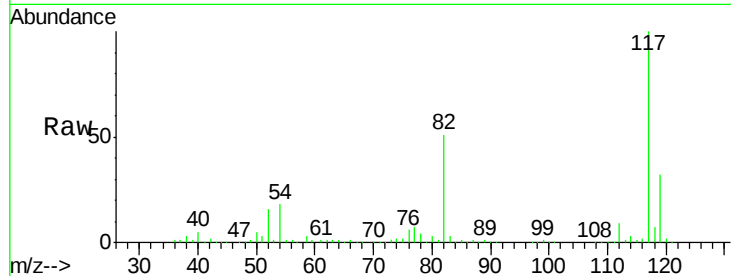




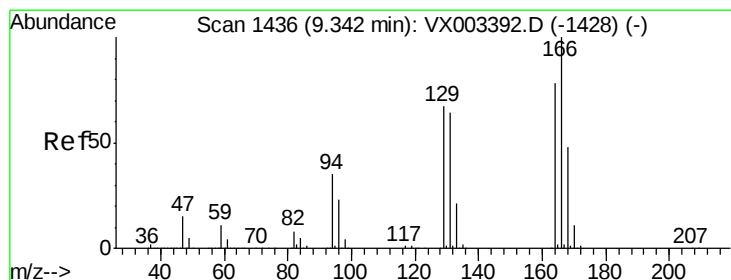
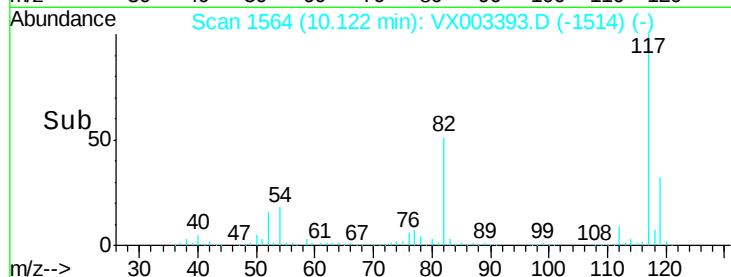
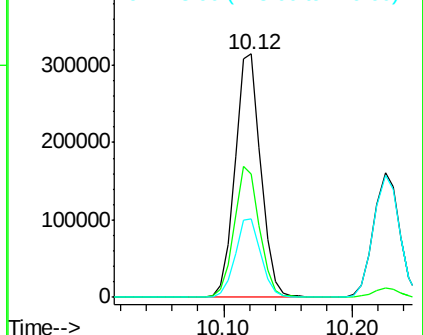
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.01 min
Lab File: VX003393.D
Acq: 16 Jul 2018 12:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tgt Ion:117 Resp: 436944
Ion Ratio Lower Upper
117 100
82 50.7 45.0 67.4
119 32.4 25.8 38.6

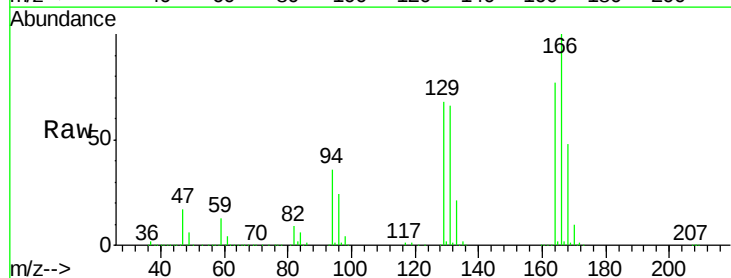


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

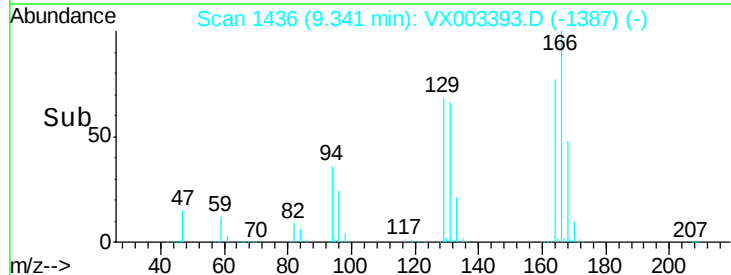
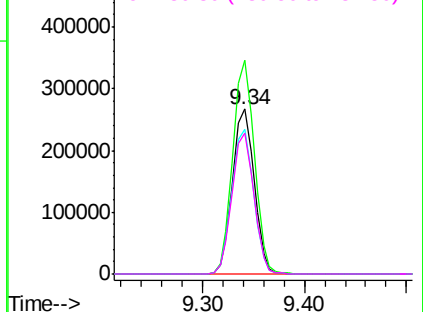


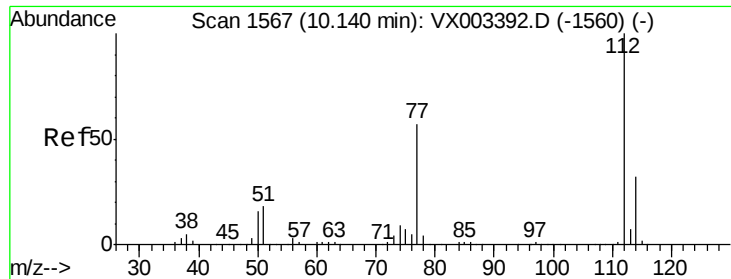
#64
Tetrachloroethene
Concen: 86.416 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.00 min
Lab File: VX003393.D
Acq: 16 Jul 2018 12:14

Tgt Ion:164 Resp: 395035
Ion Ratio Lower Upper
164 100
166 129.4 102.9 154.3
129 87.8 68.6 102.8
131 84.9 66.8 100.2



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

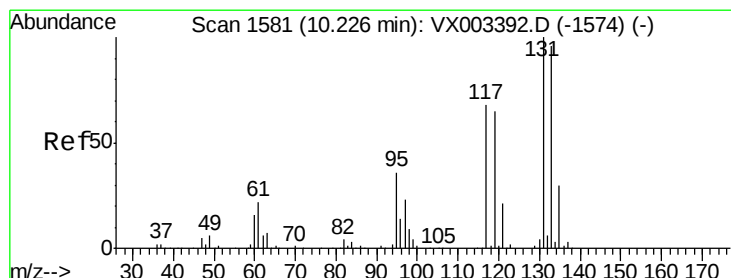
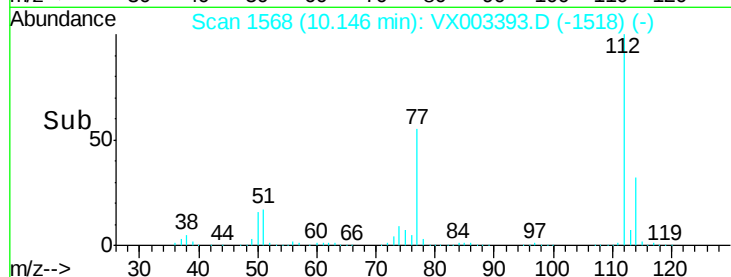
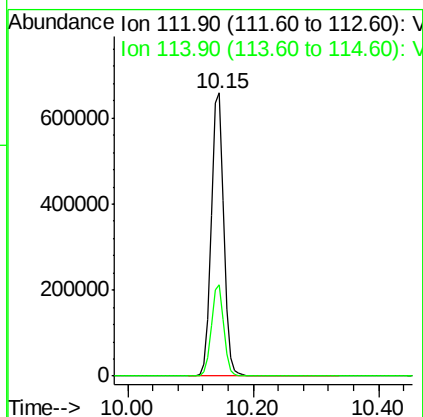
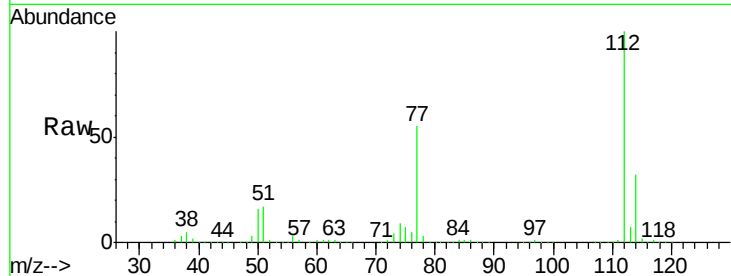




#65
Chlorobenzene
Concen: 87.635 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. 0.01 min
Lab File: VX003393.D
Acq: 16 Jul 2018 12:14

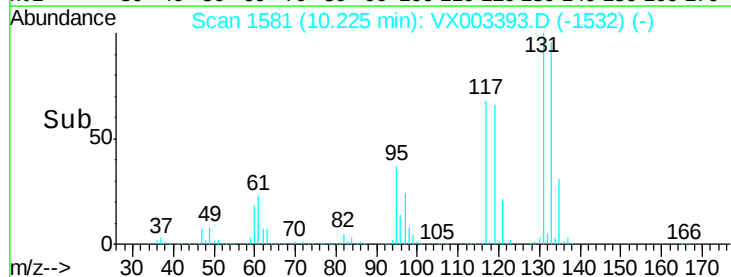
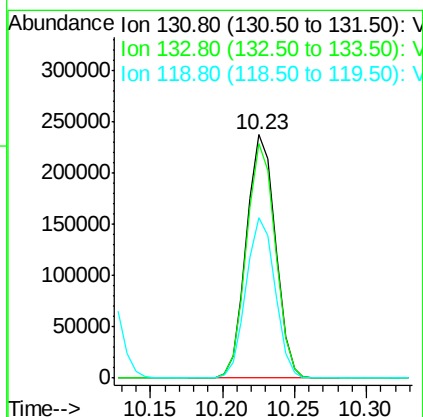
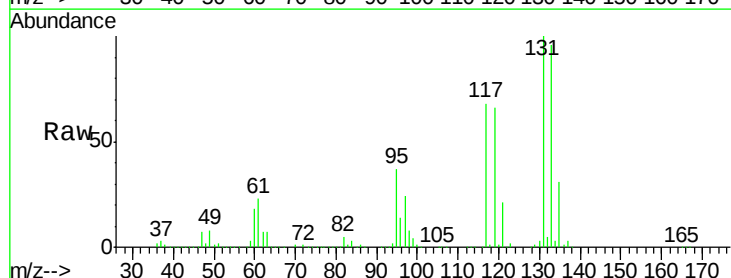
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

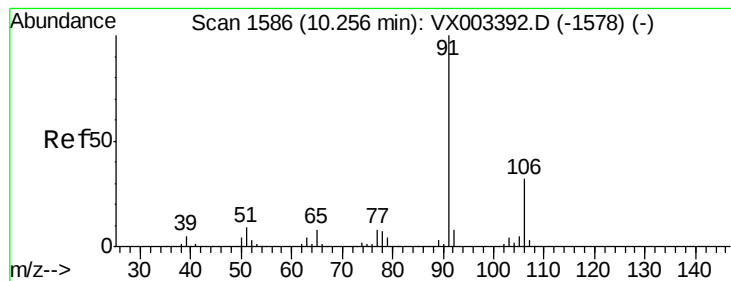
Tgt Ion:112 Resp: 904562
Ion Ratio Lower Upper
112 100
114 32.1 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 90.109 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. -0.00 min
Lab File: VX003393.D
Acq: 16 Jul 2018 12:14

Tgt Ion:131 Resp: 330623
Ion Ratio Lower Upper
131 100
133 95.6 47.9 143.6
119 65.9 31.8 95.3





#67

Ethyl Benzene

Concen: 90.495 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. -0.00 min

Lab File: VX003393.D

Acq: 16 Jul 2018 12:14

Instrument :

MSVOA_X

ClientSampleId :

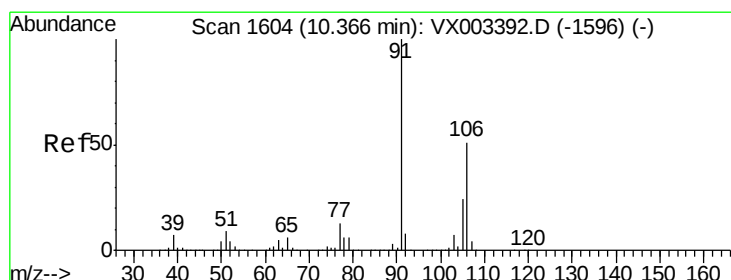
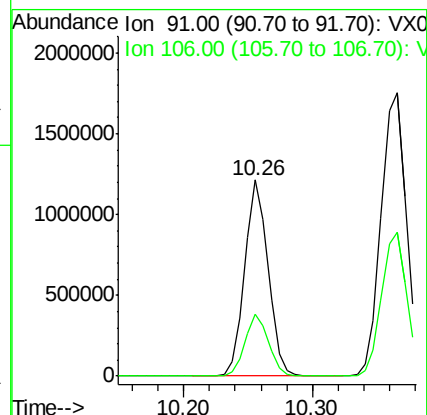
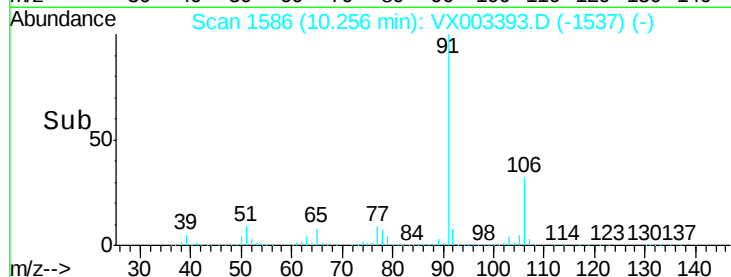
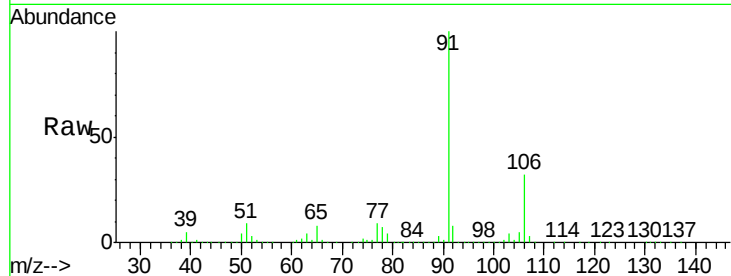
VSTDIC100

Tgt Ion: 91 Resp: 1526698

Ion Ratio Lower Upper

91 100

106 31.7 25.5 38.3



#68

m/p-Xylenes

Concen: 184.602 ug/l

RT: 10.37 min Scan# 1604

Delta R.T. -0.00 min

Lab File: VX003393.D

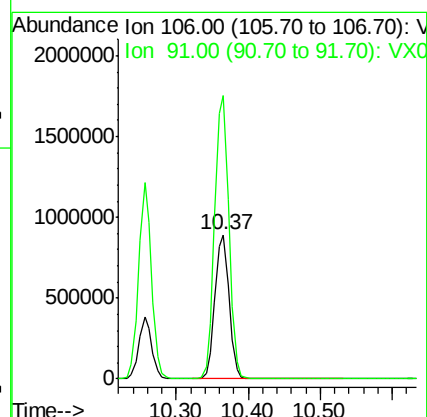
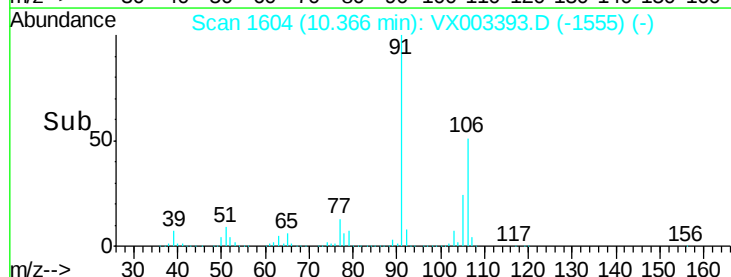
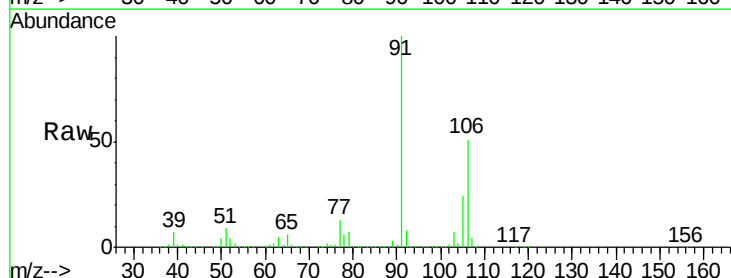
Acq: 16 Jul 2018 12:14

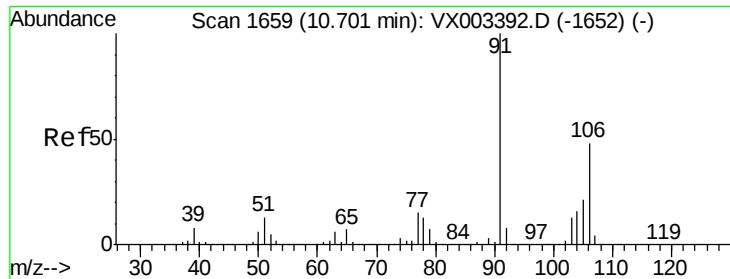
Tgt Ion: 106 Resp: 1204687

Ion Ratio Lower Upper

106 100

91 198.1 163.4 245.2

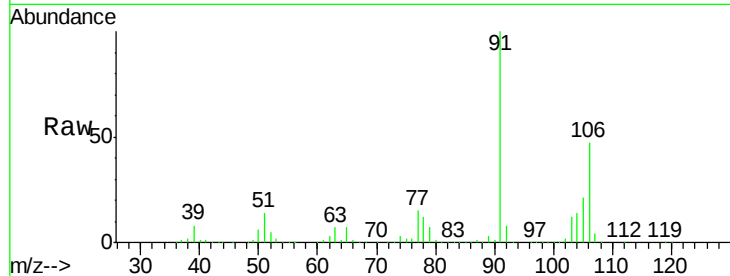




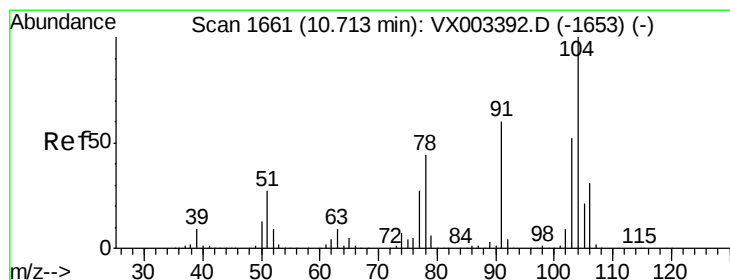
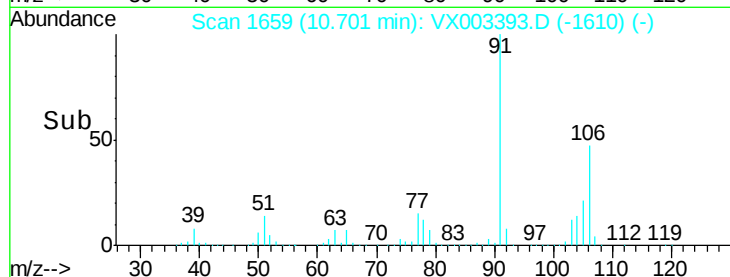
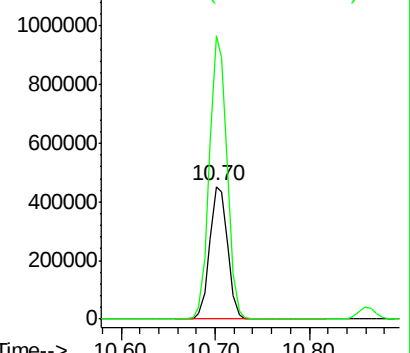
#69
o-Xylene
Concen: 94.408 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX003393.D
Acq: 16 Jul 2018 12:14

Instrument :
MSVOA_X
ClientSampleID :
VSTDIC100

Tgt Ion:106 Resp: 591763
Ion Ratio Lower Upper
106 100
91 210.1 108.2 324.6

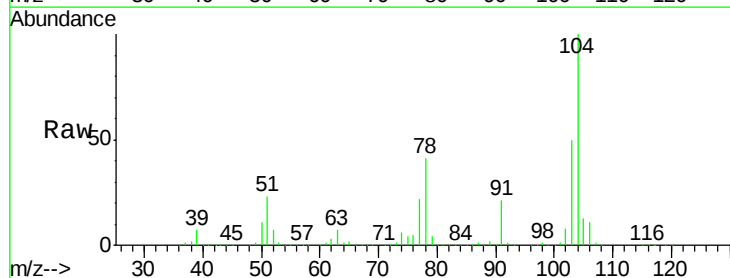


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

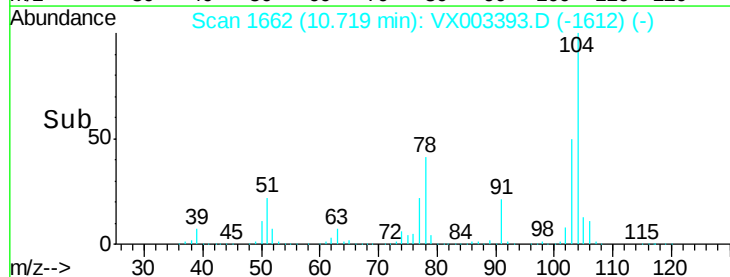
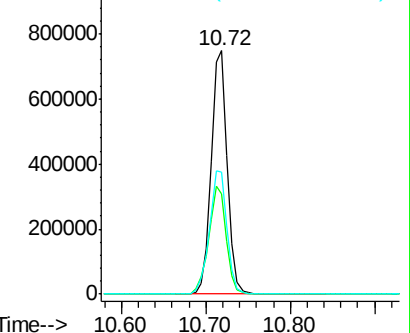


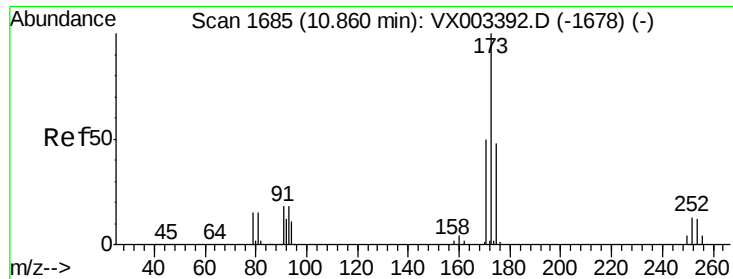
#70
Styrene
Concen: 95.462 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. 0.01 min
Lab File: VX003393.D
Acq: 16 Jul 2018 12:14

Tgt Ion:104 Resp: 984747
Ion Ratio Lower Upper
104 100
78 48.1 41.0 61.6
103 55.5 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: 97.231 ug/l

RT: 10.86 min Scan# 1685

Delta R.T. -0.00 min

Lab File: VX003393.D

Acq: 16 Jul 2018 12:14

Instrument :

MSVOA_X

ClientSampled :

VSTDIC100

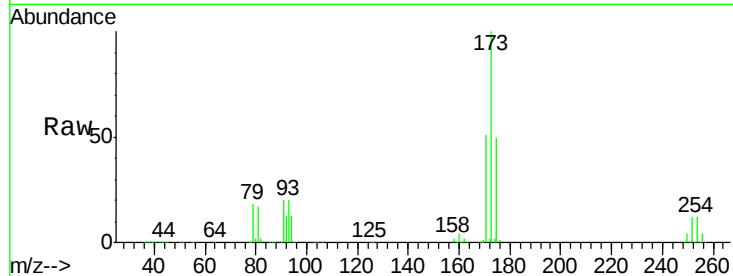
Tgt Ion:173 Resp: 286981

Ion Ratio Lower Upper

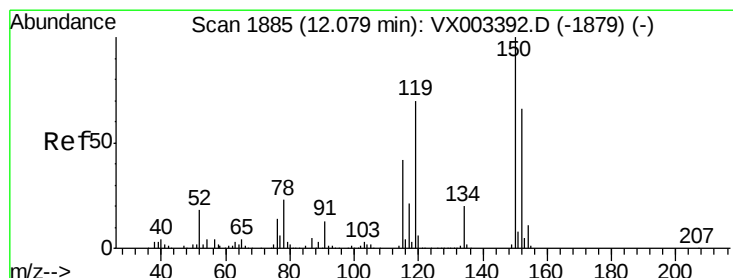
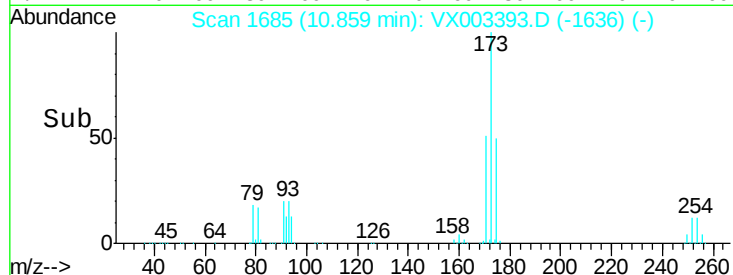
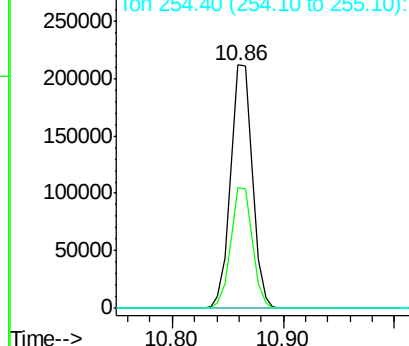
173 100

175 49.4 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# 1886

Delta R.T. 0.01 min

Lab File: VX003393.D

Acq: 16 Jul 2018 12:14

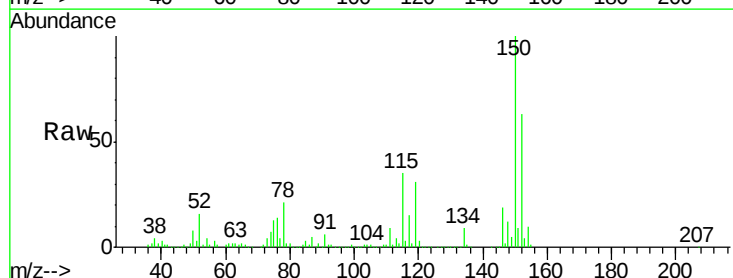
Tgt Ion:152 Resp: 272369

Ion Ratio Lower Upper

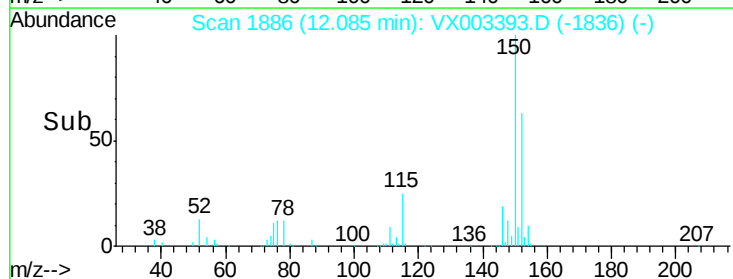
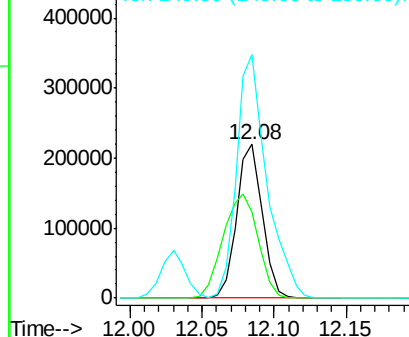
152 100

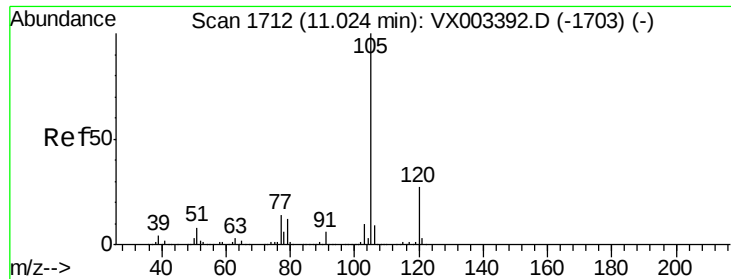
115 92.6 40.1 120.2

150 187.3 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: 91.869 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX003393.D

Acq: 16 Jul 2018 12:14

Instrument :

MSVOA_X

ClientSampleId :

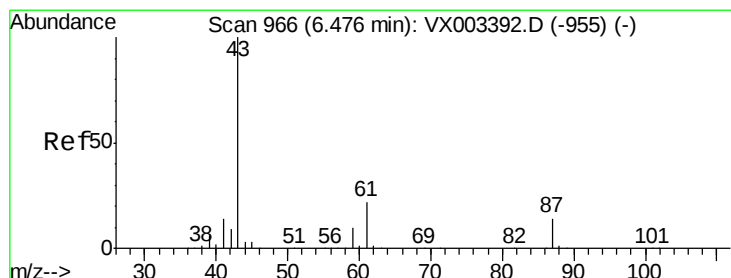
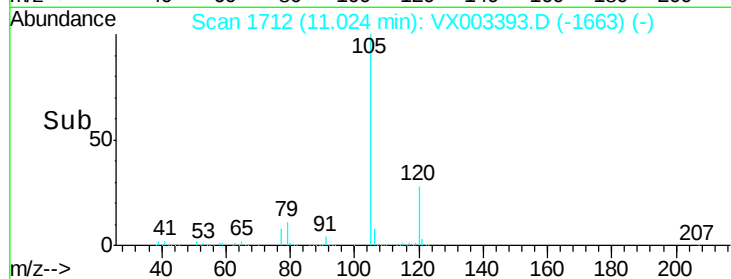
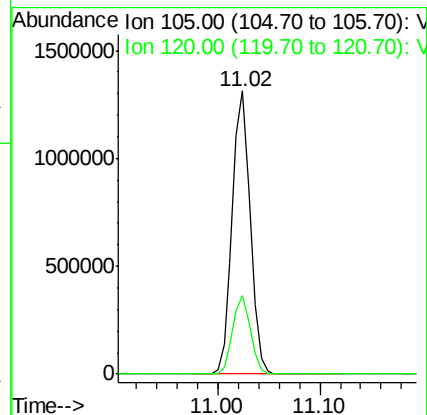
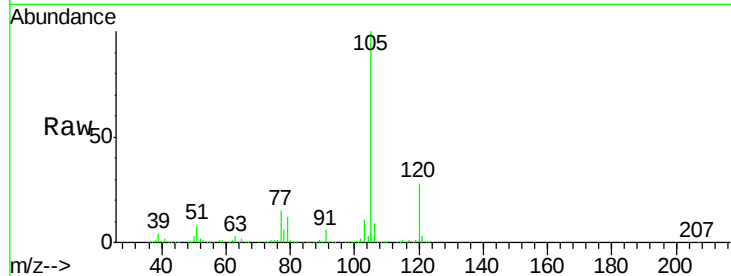
VSTDIC100

Tgt Ion:105 Resp: 1602163

Ion Ratio Lower Upper

105 100

120 27.3 13.5 40.4



#74

N-ethyl acetate

Concen: 86.794 ug/l

RT: 6.48 min Scan# 967

Delta R.T. 0.01 min

Lab File: VX003393.D

Acq: 16 Jul 2018 12:14

Tgt Ion: 43 Resp: 727941

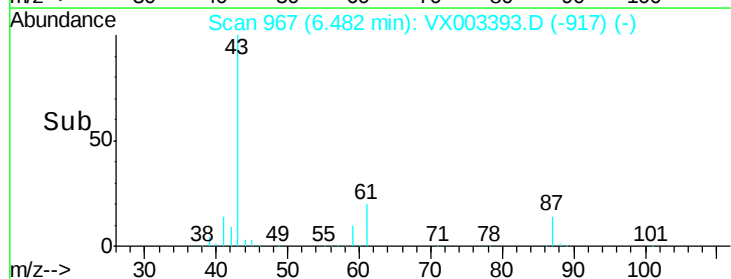
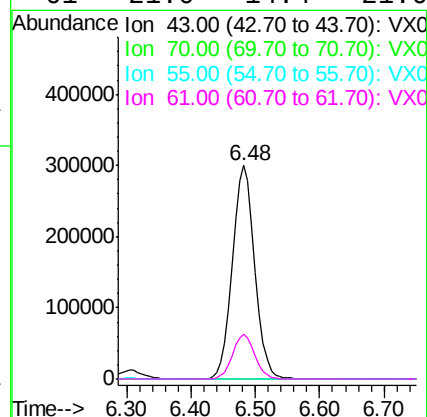
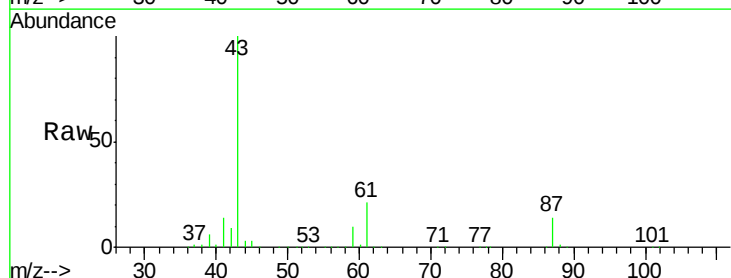
Ion Ratio Lower Upper

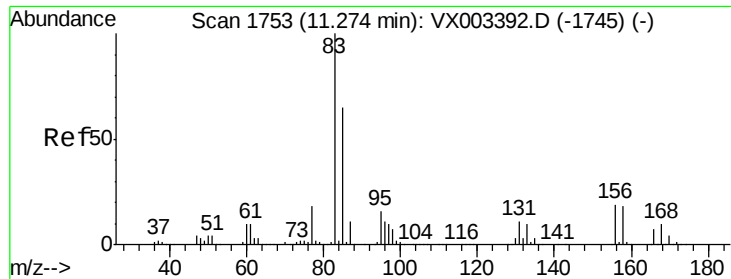
43 100

70 0.0 0.0 0.0

55 0.1 0.0 0.0#

61 21.0 14.4 21.6





#75

1,1,2,2-Tetrachloroethane

Concen: 87.766 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX003393.D

Acq: 16 Jul 2018 12:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

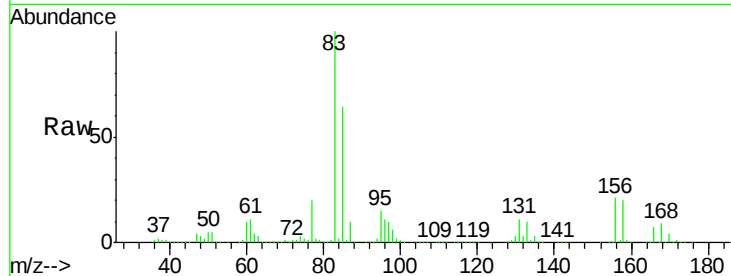
Tgt Ion: 83 Resp: 505250

Ion Ratio Lower Upper

83 100

131 10.8 5.6 16.8

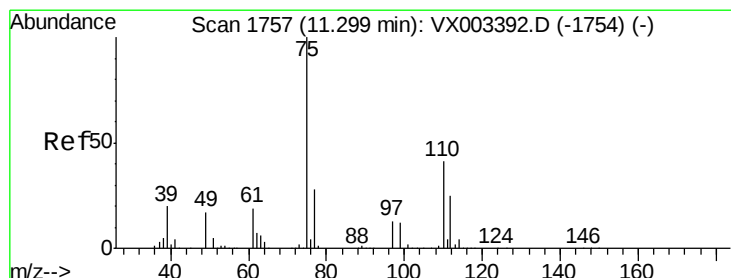
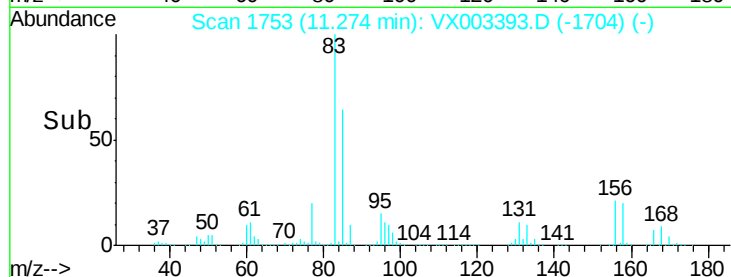
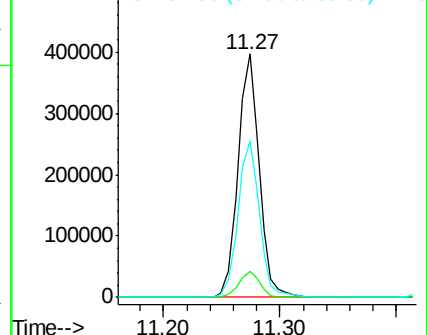
85 65.0 32.4 97.2



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: 123.988 ug/l

RT: 11.30 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VX003393.D

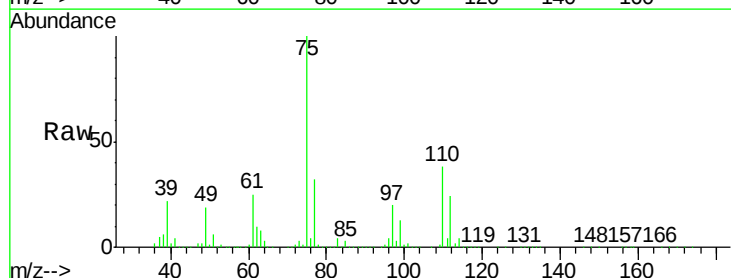
Acq: 16 Jul 2018 12:14

Tgt Ion: 75 Resp: 611361

Ion Ratio Lower Upper

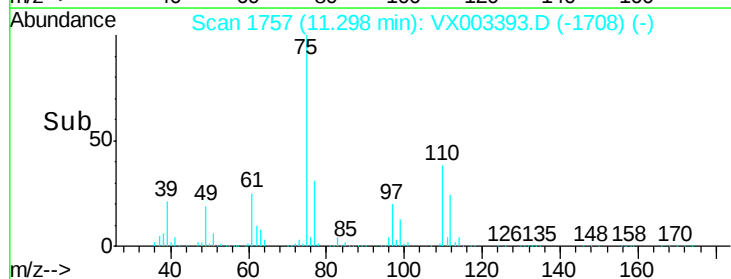
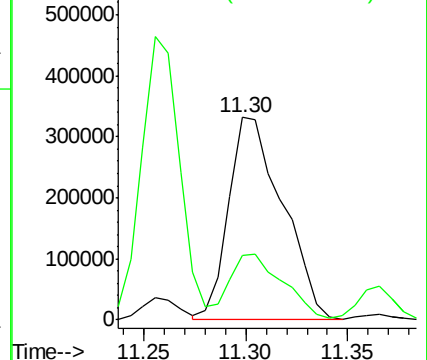
75 100

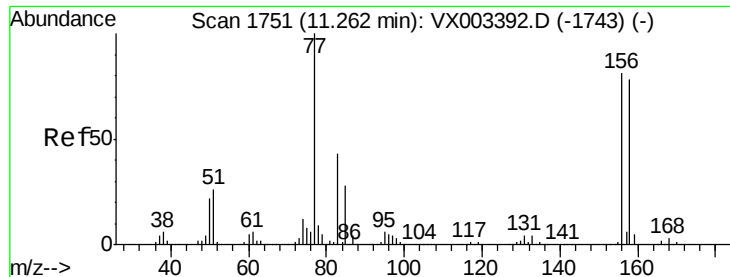
77 32.5 22.8 68.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 88.521 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.00 min

Lab File: VX003393.D

Acq: 16 Jul 2018 12:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

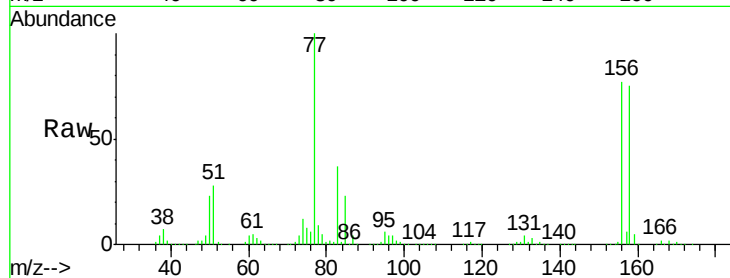
Tgt Ion:156 Resp: 438461

Ion Ratio Lower Upper

156 100

77 137.6 71.4 214.2

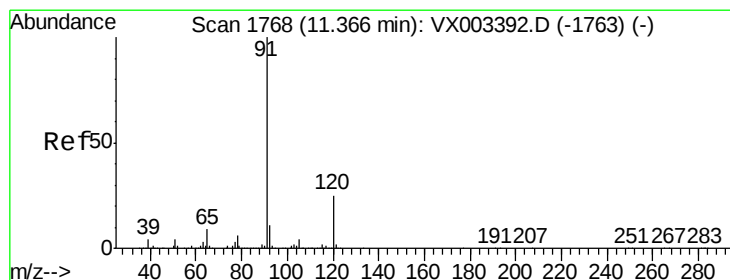
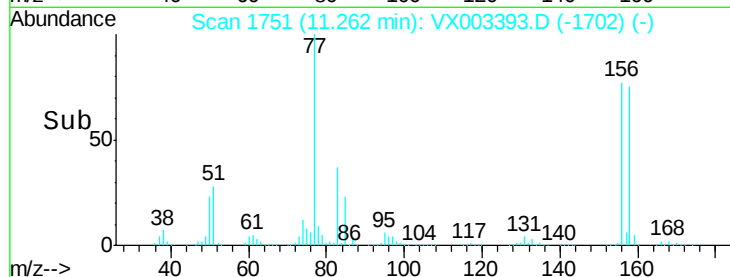
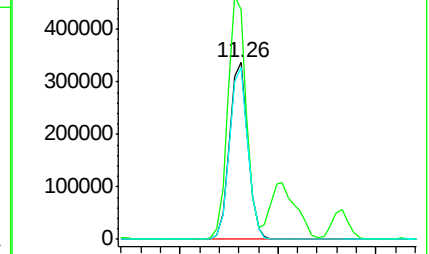
158 97.3 48.9 146.6



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: 90.648 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX003393.D

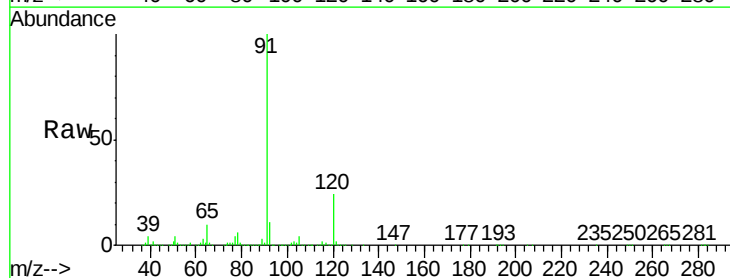
Acq: 16 Jul 2018 12:14

Tgt Ion: 91 Resp: 1766145

Ion Ratio Lower Upper

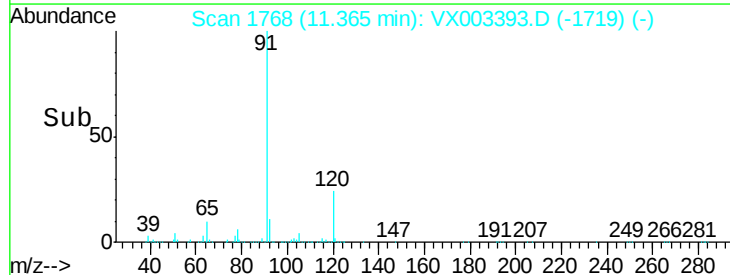
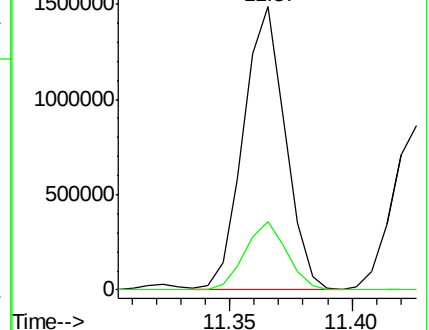
91 100

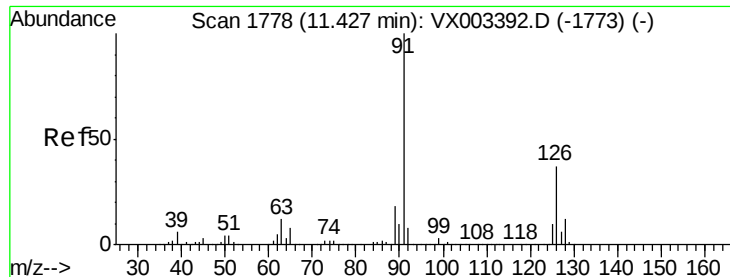
120 24.1 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

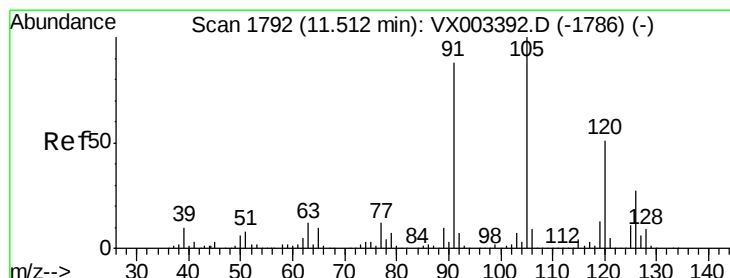
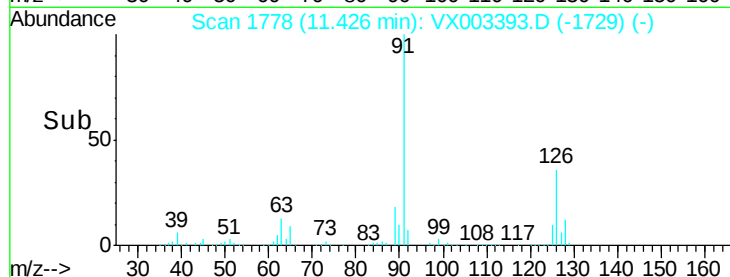
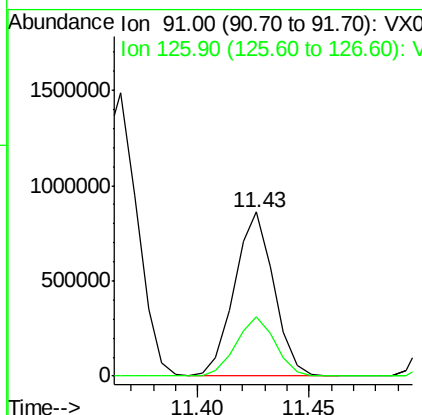
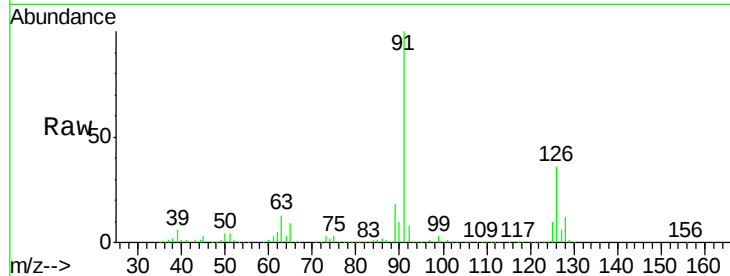




#79
 2-Chlorotoluene
 Concen: 88.239 ug/l
 RT: 11.43 min Scan# 1778
 Delta R.T. -0.00 min
 Lab File: VX003393.D
 Acq: 16 Jul 2018 12:14

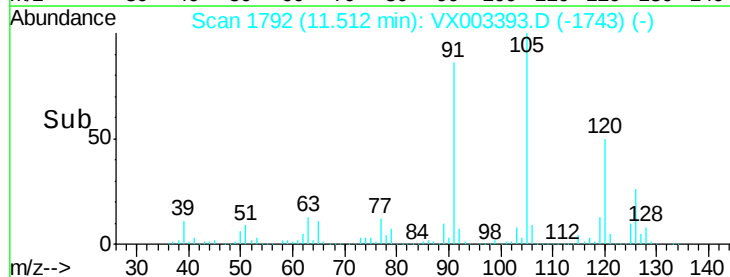
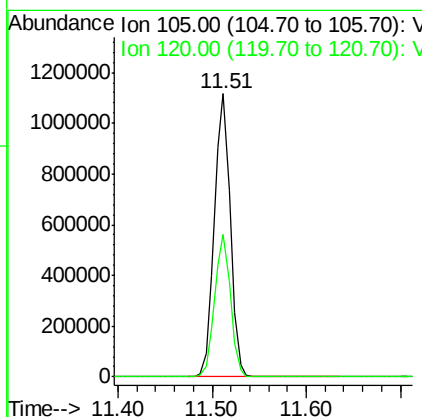
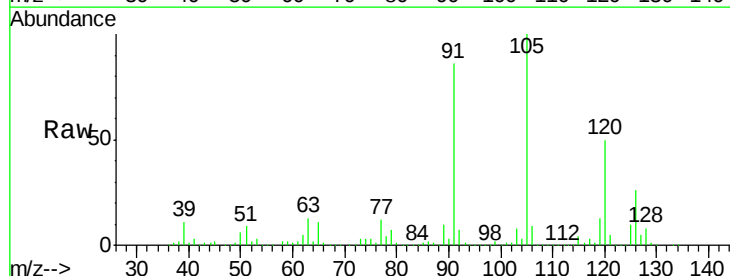
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

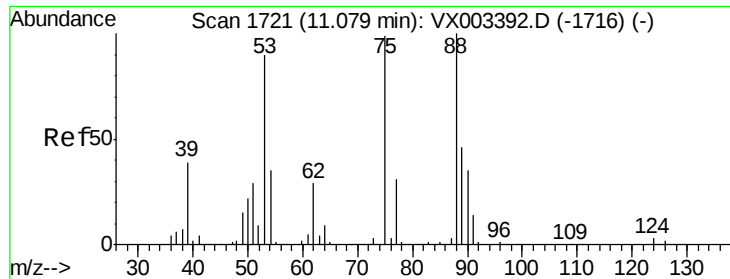
Tgt Ion: 91 Resp: 1054007
 Ion Ratio Lower Upper
 91 100
 126 35.9 17.7 53.1



#80
 1,3,5-Trimethylbenzene
 Concen: 91.999 ug/l
 RT: 11.51 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX003393.D
 Acq: 16 Jul 2018 12:14

Tgt Ion: 105 Resp: 1310644
 Ion Ratio Lower Upper
 105 100
 120 49.9 24.4 73.4





#81

trans-1,4-Dichloro-2-butene

Concen: 101.997 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. -0.00 min

Lab File: VX003393.D

Acq: 16 Jul 2018 12:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

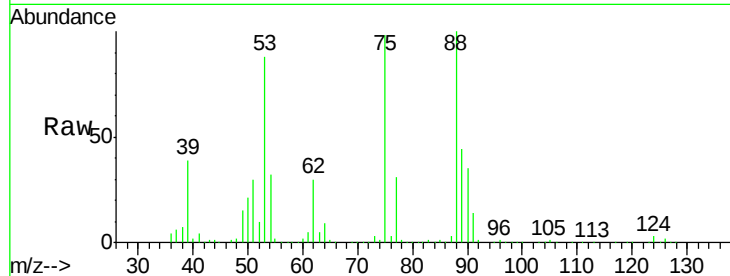
Tgt Ion: 75 Resp: 154808

Ion Ratio Lower Upper

75 100

53 90.7 86.8 130.2

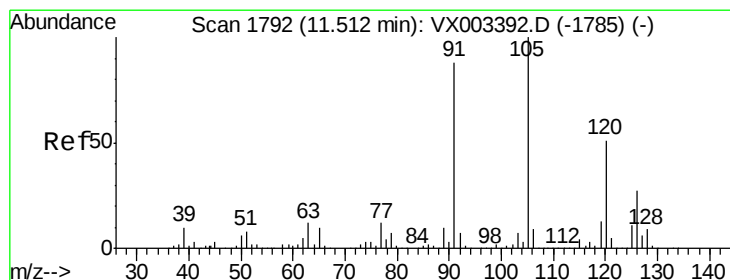
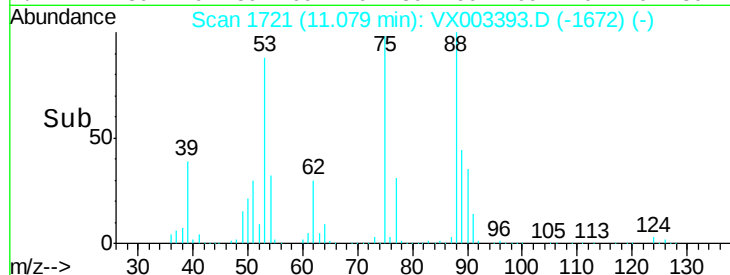
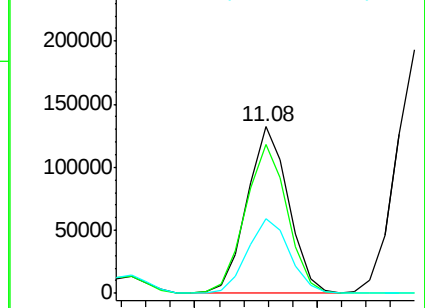
89 46.0 38.2 57.2



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: 89.905 ug/l

RT: 11.52 min Scan# 1793

Delta R.T. 0.01 min

Lab File: VX003393.D

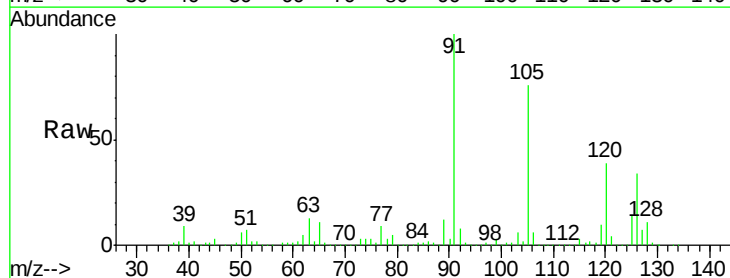
Acq: 16 Jul 2018 12:14

Tgt Ion: 91 Resp: 1252991

Ion Ratio Lower Upper

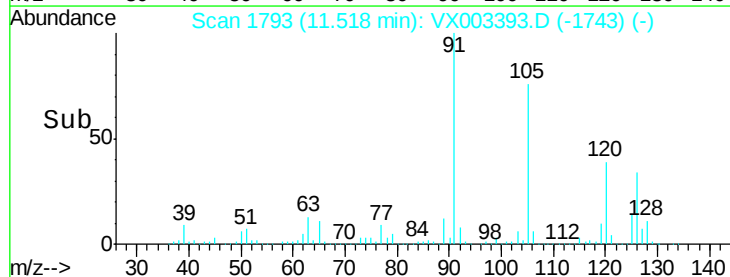
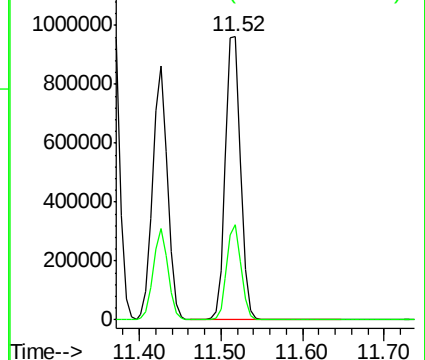
91 100

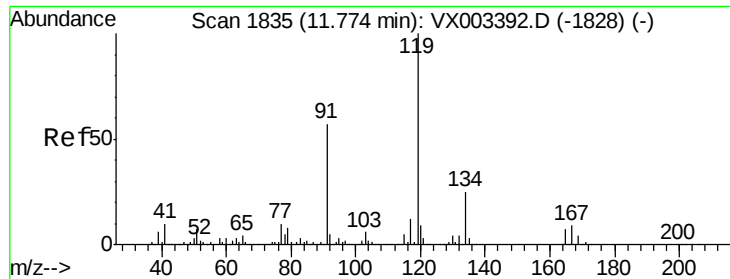
126 31.8 15.4 46.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

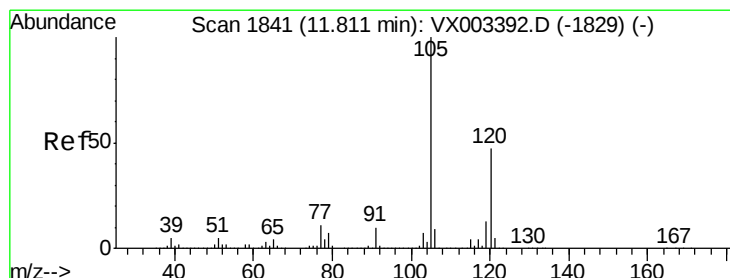
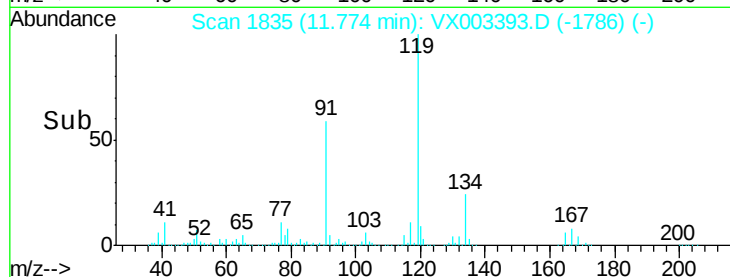
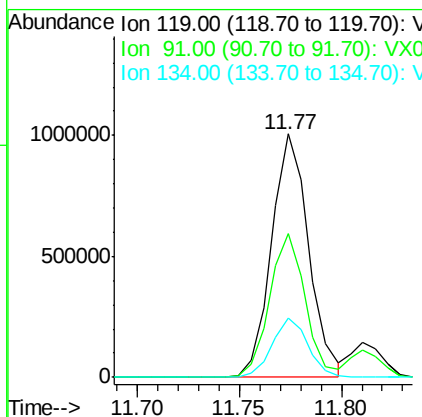
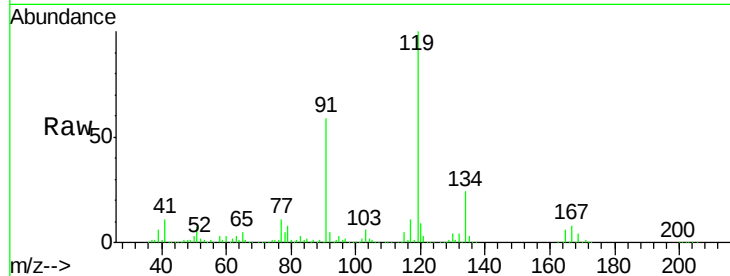




#83
 tert-Butylbenzene
 Concen: 91.870 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: VX003393.D
 Acq: 16 Jul 2018 12:14

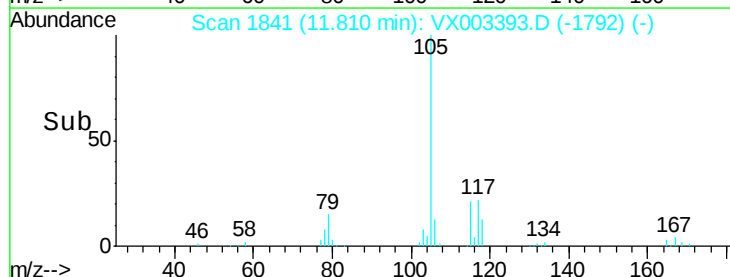
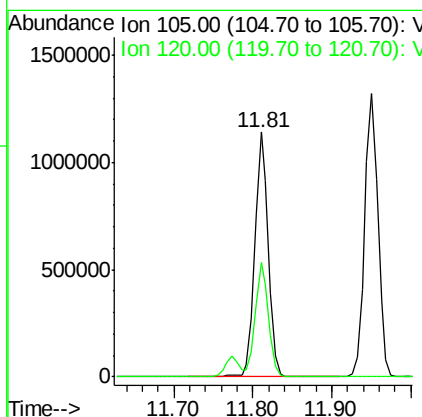
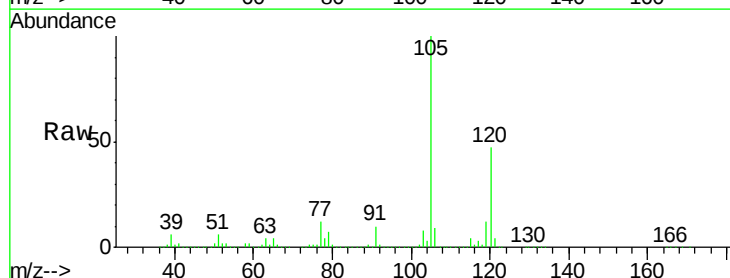
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

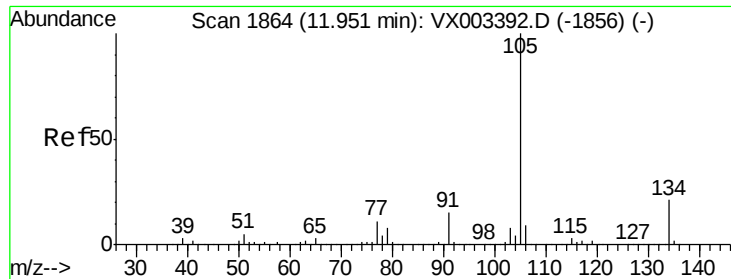
Tgt Ion:119 Resp: 1279152
 Ion Ratio Lower Upper
 119 100
 91 56.7 30.3 90.9
 134 23.5 11.7 35.1



#84
 1,2,4-Trimethylbenzene
 Concen: 91.994 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: VX003393.D
 Acq: 16 Jul 2018 12:14

Tgt Ion:105 Resp: 1346313
 Ion Ratio Lower Upper
 105 100
 120 45.4 22.3 66.8

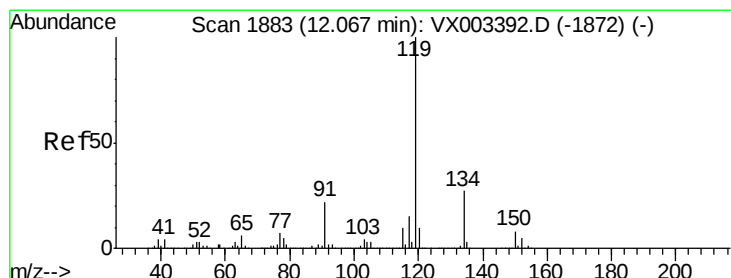
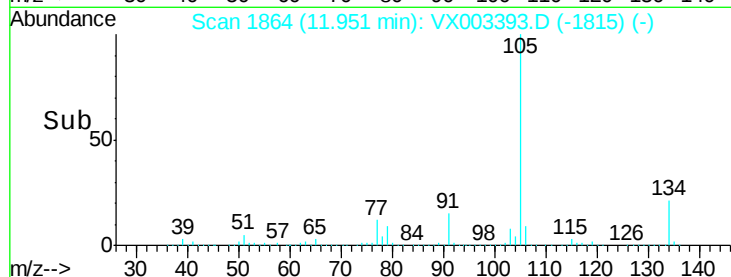
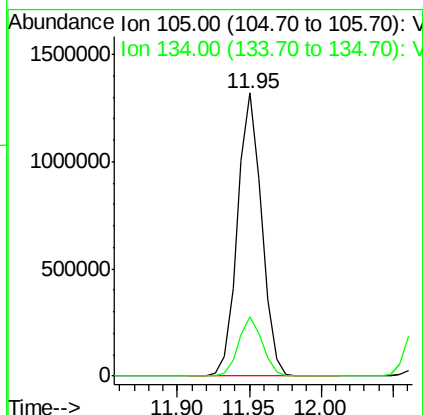
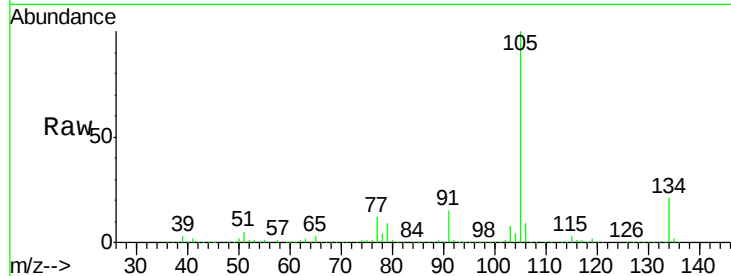




#85
 sec-Butylbenzene
 Concen: 91.279 ug/l
 RT: 11.95 min Scan# 1864
 Delta R.T. -0.00 min
 Lab File: VX003393.D
 Acq: 16 Jul 2018 12:14

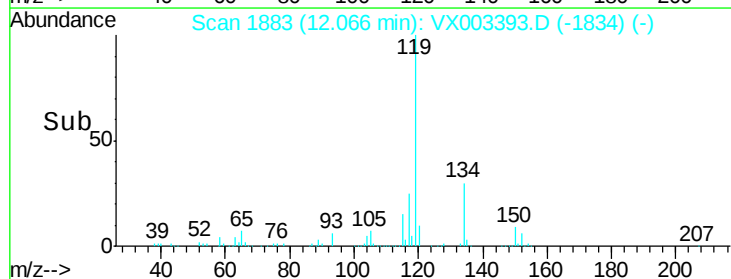
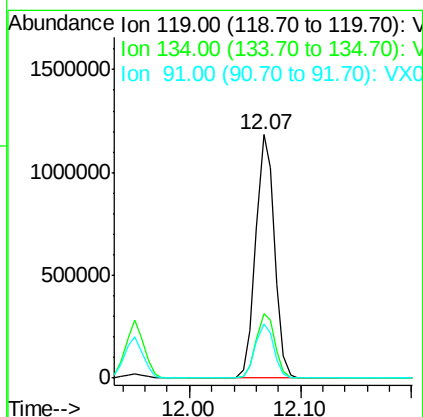
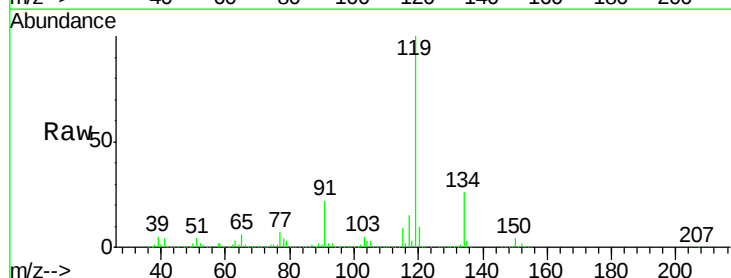
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

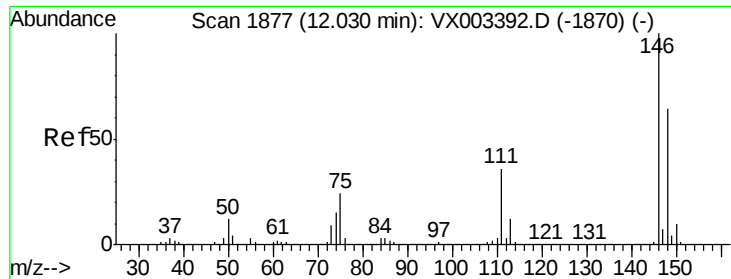
Tgt Ion:105 Resp: 1541764
 Ion Ratio Lower Upper
 105 100
 134 20.8 10.4 31.1



#86
 p-Isopropyltoluene
 Concen: 92.641 ug/l
 RT: 12.07 min Scan# 1883
 Delta R.T. -0.00 min
 Lab File: VX003393.D
 Acq: 16 Jul 2018 12:14

Tgt Ion:119 Resp: 1392863
 Ion Ratio Lower Upper
 119 100
 134 26.8 13.4 40.1
 91 22.2 11.9 35.7

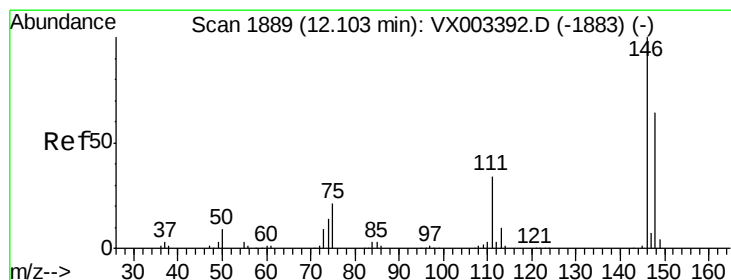
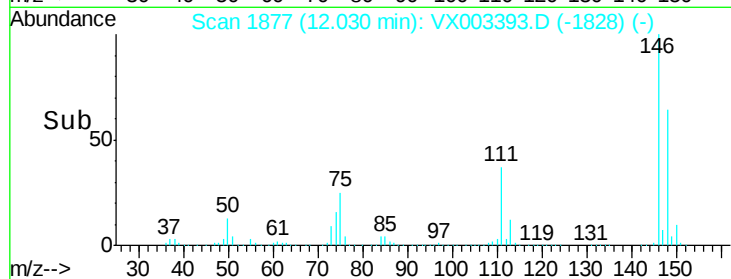
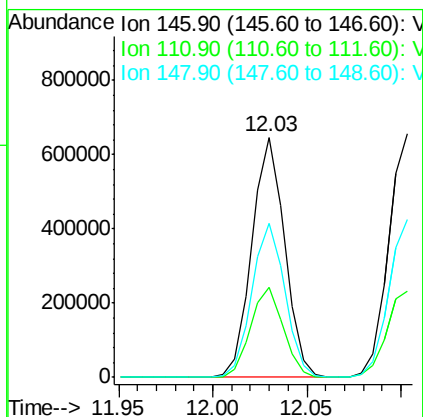
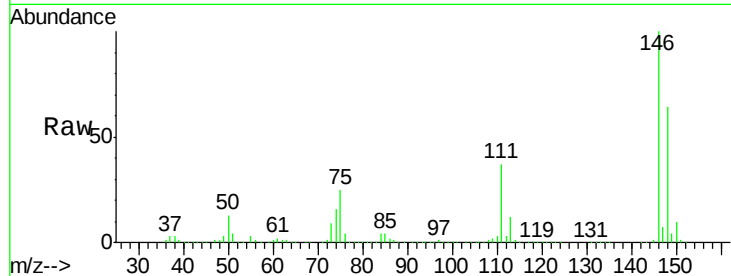




#87
 1,3-Dichlorobenzene
 Concen: 86.384 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: VX003393.D
 Acq: 16 Jul 2018 12:14

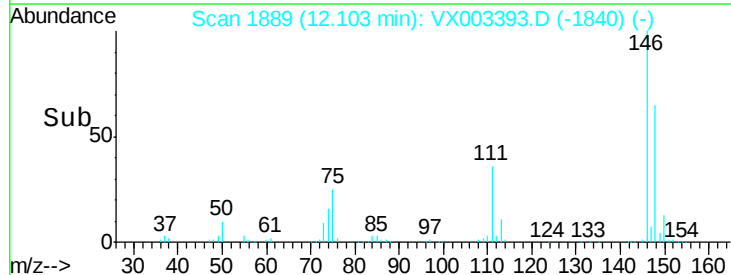
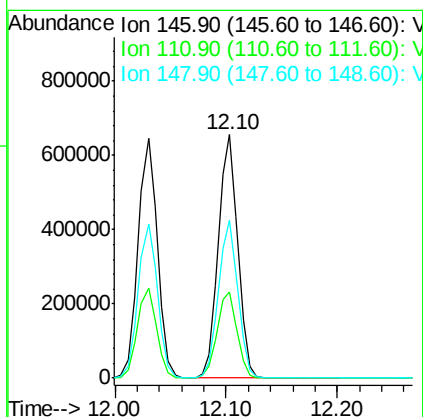
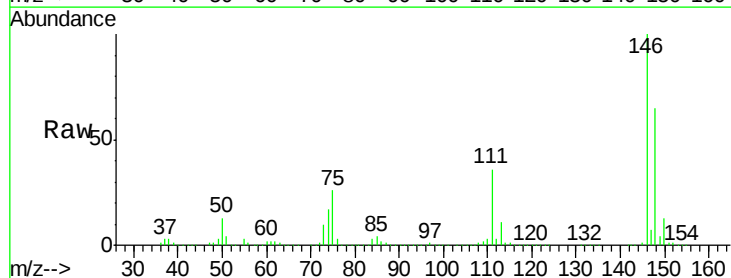
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

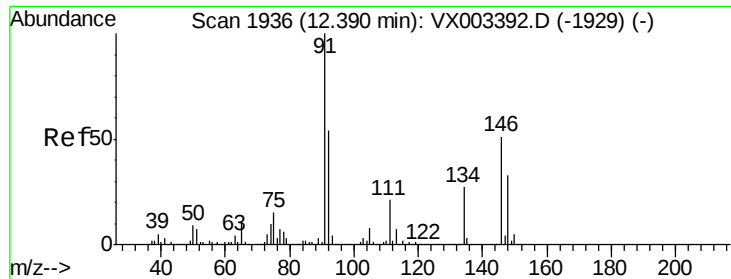
Tgt Ion:146 Resp: 783134
 Ion Ratio Lower Upper
 146 100
 111 37.3 18.9 56.7
 148 64.5 32.1 96.3



#88
 1,4-Dichlorobenzene
 Concen: 85.789 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. -0.00 min
 Lab File: VX003393.D
 Acq: 16 Jul 2018 12:14

Tgt Ion:146 Resp: 789749
 Ion Ratio Lower Upper
 146 100
 111 36.6 18.7 56.1
 148 64.6 32.4 97.0

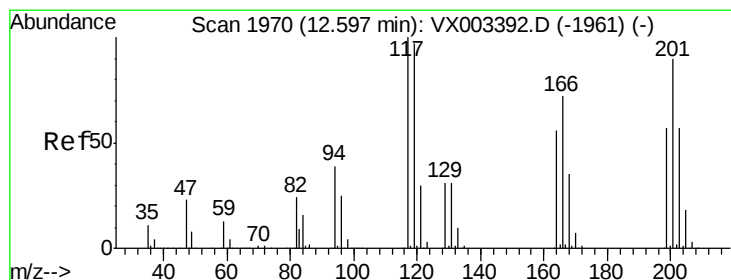
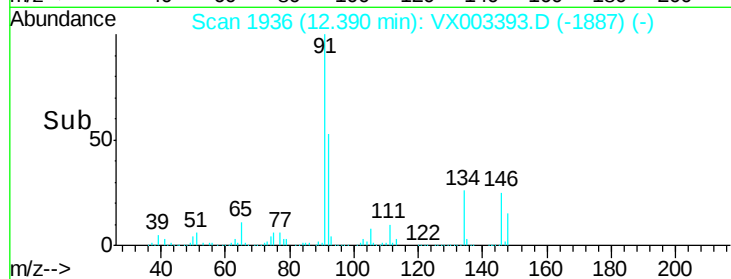
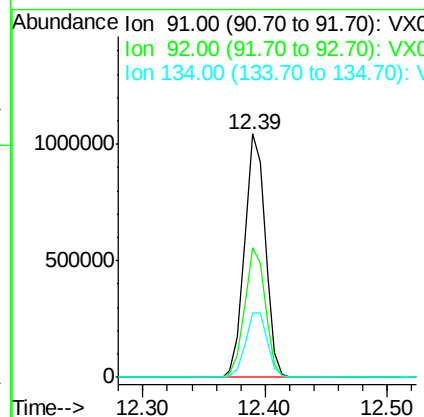
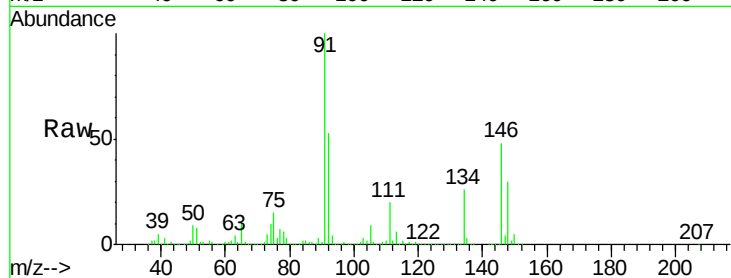




#89
n-Butylbenzene
Concen: 94.805 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. -0.00 min
Lab File: VX003393.D
Acq: 16 Jul 2018 12:14

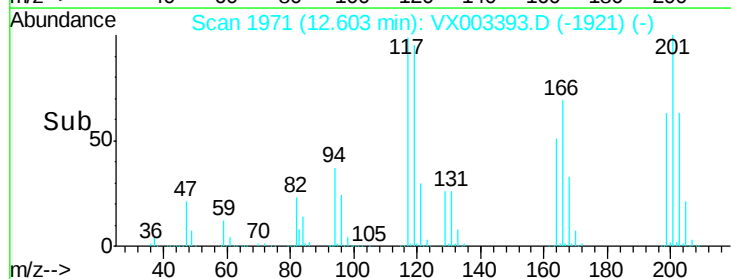
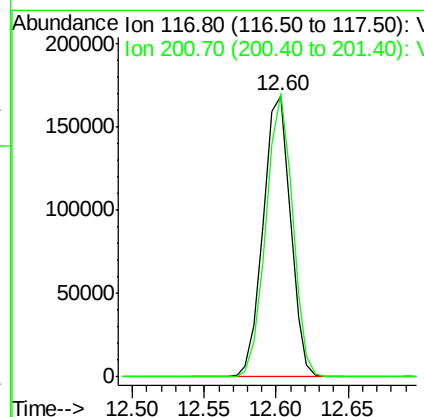
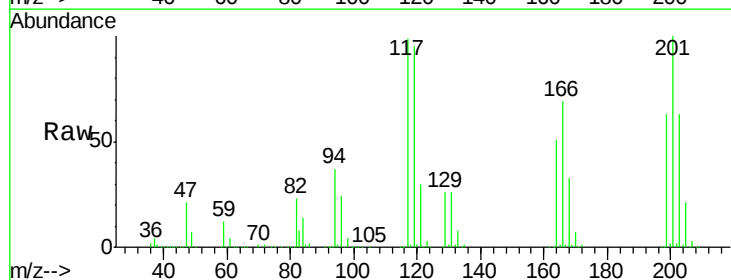
Instrument :
MSVOA_X
ClientSampled :
VSTDICC100

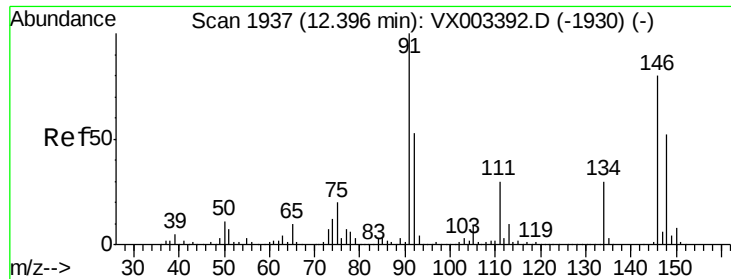
Tgt Ion: 91 Resp: 1214230
Ion Ratio Lower Upper
91 100
92 53.1 26.0 78.0
134 27.9 13.5 40.5



#90
Hexachloroethane
Concen: 96.653 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. 0.01 min
Lab File: VX003393.D
Acq: 16 Jul 2018 12:14

Tgt Ion: 117 Resp: 220188
Ion Ratio Lower Upper
117 100
201 98.0 49.0 147.0

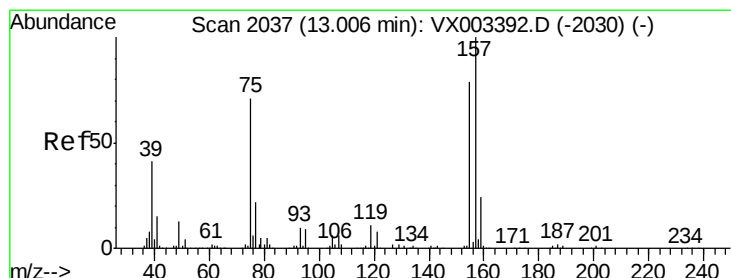
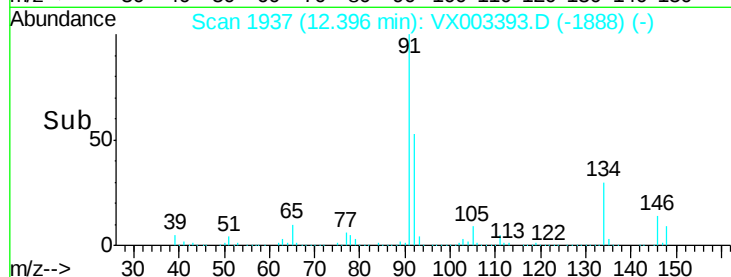
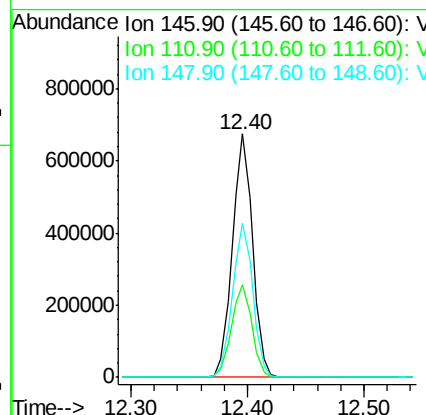
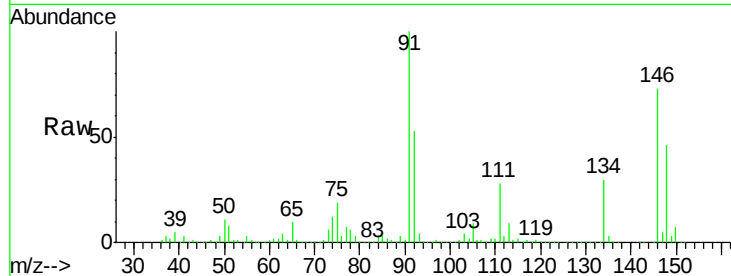




#91
 1,2-Dichlorobenzene
 Concen: 89.039 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VX003393.D
 Acq: 16 Jul 2018 12:14

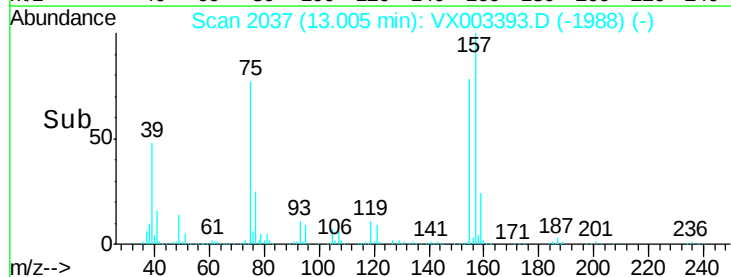
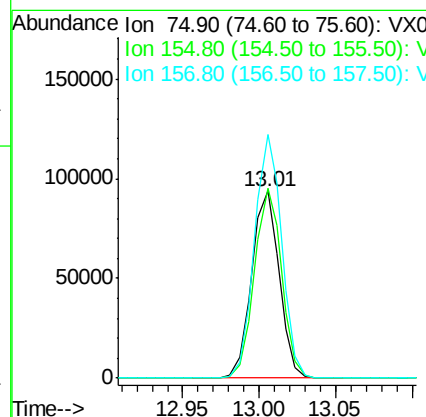
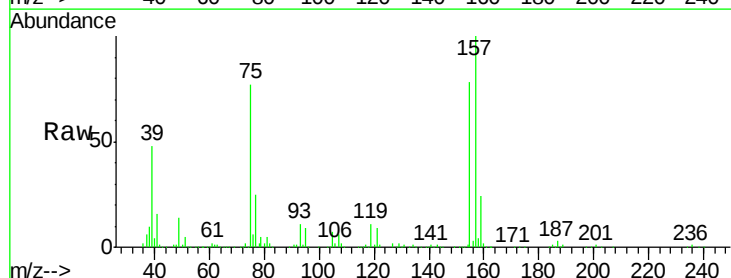
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

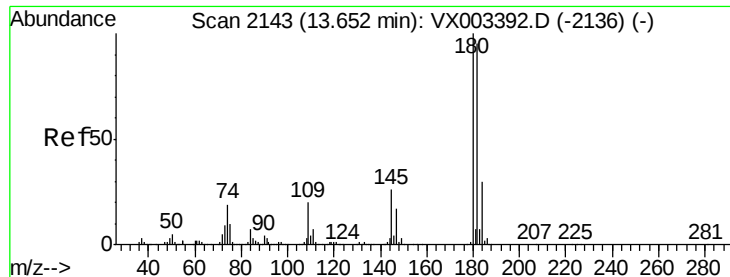
Tgt Ion: 146 Resp: 810729
 Ion Ratio Lower Upper
 146 100
 111 38.3 19.4 58.1
 148 63.7 31.7 95.1



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 97.538 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. -0.00 min
 Lab File: VX003393.D
 Acq: 16 Jul 2018 12:14

Tgt Ion: 75 Resp: 116809
 Ion Ratio Lower Upper
 75 100
 155 100.3 45.8 137.4
 157 129.1 60.1 180.3

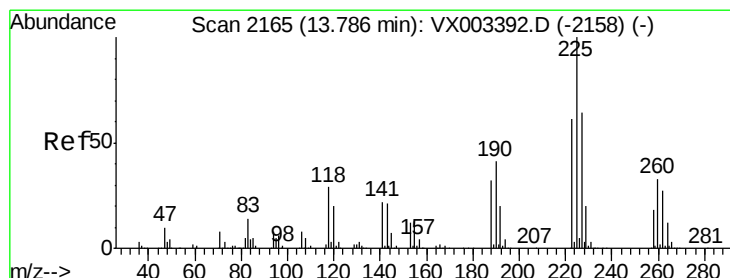
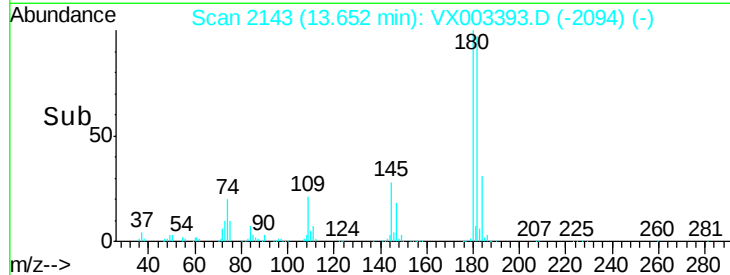
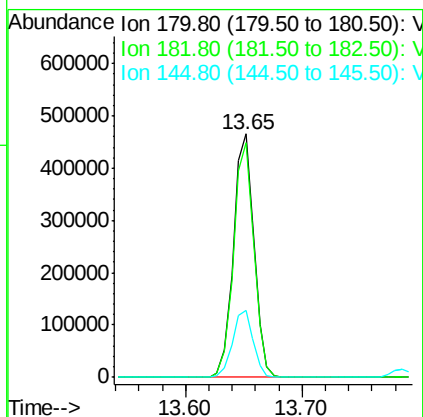
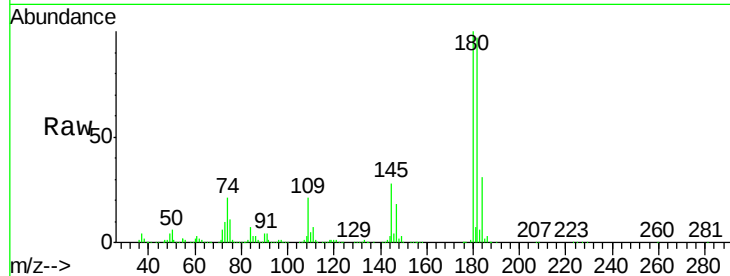




#93
 1,2,4-Trichlorobenzene
 Concen: 91.628 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX003393.D
 Acq: 16 Jul 2018 12:14

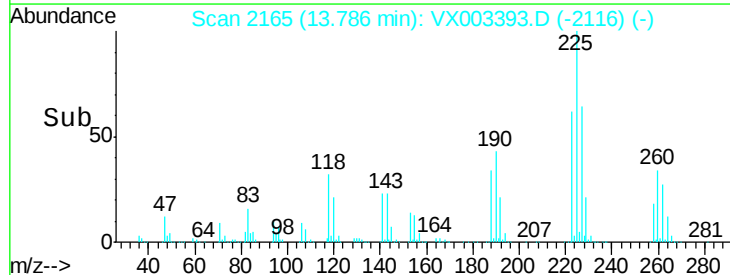
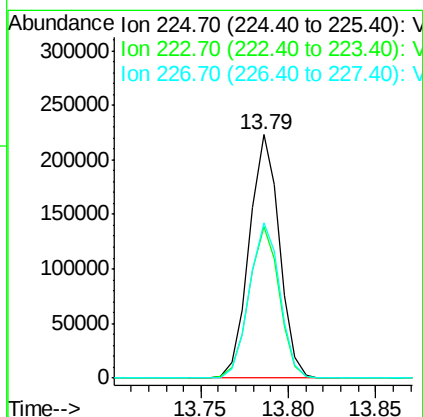
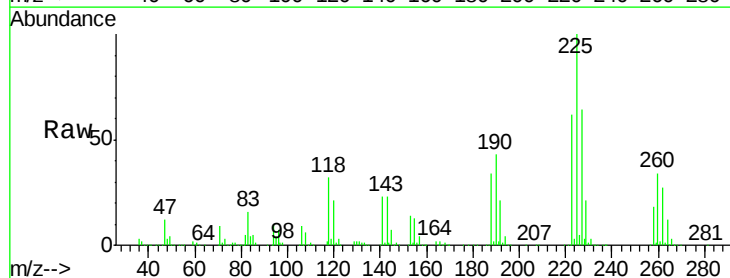
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

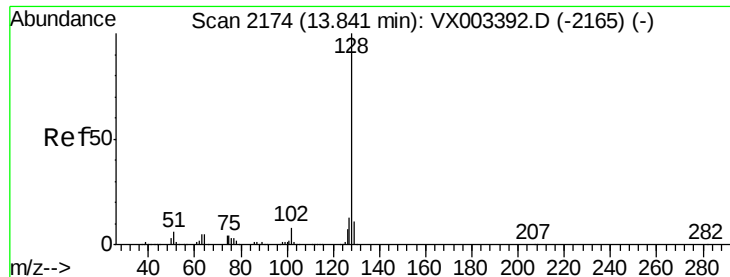
Tgt Ion:180 Resp: 570880
 Ion Ratio Lower Upper
 180 100
 182 95.9 47.7 143.1
 145 27.9 14.1 42.4



#94
 Hexachlorobutadiene
 Concen: 89.408 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VX003393.D
 Acq: 16 Jul 2018 12:14

Tgt Ion:225 Resp: 268144
 Ion Ratio Lower Upper
 225 100
 223 62.4 31.6 95.0
 227 64.5 32.4 97.2





#95

Naphthalene

Concen: 96.433 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX003393.D

Acq: 16 Jul 2018 12:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

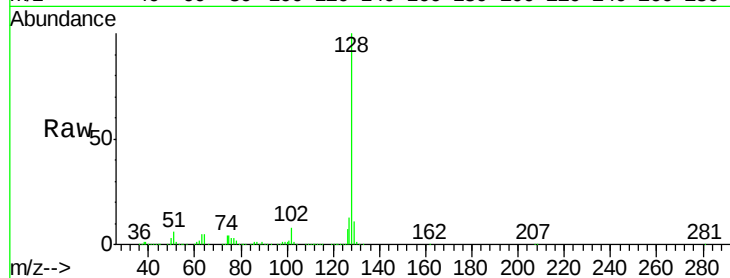
Tgt Ion:128 Resp: 1722099

Ion Ratio Lower Upper

128 100

127 12.9 10.4 15.6

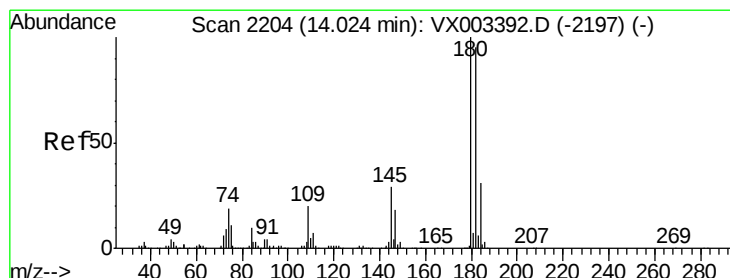
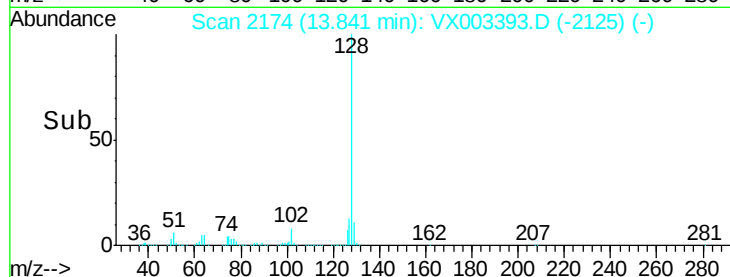
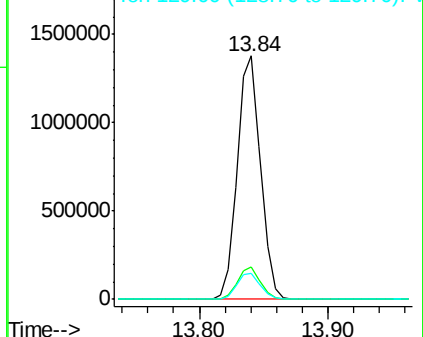
129 11.0 8.6 13.0



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: 93.926 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. -0.00 min

Lab File: VX003393.D

Acq: 16 Jul 2018 12:14

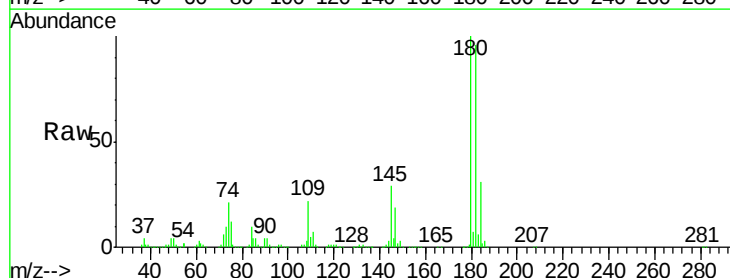
Tgt Ion:180 Resp: 601930

Ion Ratio Lower Upper

180 100

182 95.7 48.0 144.0

145 29.3 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

