

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071818\
 Data File : VX003439.D
 Acq On : 18 Jul 2018 11:05
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jul 18 13:51:45 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	393313	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	516098	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	488462	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	316886	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	209321	40.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	81.28%	
35) Dibromofluoromethane	5.51	113	189847	45.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.92%	
50) Toluene-d8	8.72	98	695530	45.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.26%	
62) 4-Bromofluorobenzene	11.14	95	257926	46.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.76%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	228108	51.38	ug/l	96
3) Chloromethane	1.32	50	210688	43.85	ug/l	97
4) Vinyl Chloride	1.40	62	233512	44.60	ug/l	100
5) Bromomethane	1.64	94	84211	46.59	ug/l	98
6) Chloroethane	1.72	64	137422	47.29	ug/l	100
7) Trichlorofluoromethane	1.93	101	324692	46.75	ug/l	93
8) Diethyl Ether	2.19	74	133277	44.85	ug/l	90
9) 1,1,2-Trichlorotrifluoroet	2.39	101	203617	46.41	ug/l	99
10) Methyl Iodide	2.51	142	223558	47.63	ug/l	91
11) Tert butyl alcohol	3.07	59	225060	194.29	ug/l	99
12) 1,1-Dichloroethene	2.37	96	188184	45.39	ug/l	89
13) Acrolein	2.29	56	72879	131.16	ug/l	98
14) Allyl chloride	2.73	41	340359	45.26	ug/l	87
15) Acrylonitrile	3.15	53	539200	203.18	ug/l	97
16) Acetone	2.45	43	418242	195.22	ug/l #	84
17) Carbon Disulfide	2.57	76	485115	42.65	ug/l	100
18) Methyl Acetate	2.78	43	343564	49.24	ug/l	94
19) Methyl tert-butyl Ether	3.20	73	648700	47.12	ug/l	98
20) Methylene Chloride	2.85	84	215565	56.04	ug/l	93
21) trans-1,2-Dichloroethene	3.16	96	196855	43.96	ug/l	91
22) Diisopropyl ether	3.87	45	654924	44.90	ug/l	95
23) Vinyl Acetate	3.82	43	2638840	219.34	ug/l	96
24) 1,1-Dichloroethane	3.70	63	371134	44.85	ug/l	99
25) 2-Butanone	4.71	43	664524	198.20	ug/l	97
26) 2,2-Dichloropropane	4.59	77	294890	50.77	ug/l	96
27) cis-1,2-Dichloroethene	4.59	96	217814	45.21	ug/l	96
28) Bromochloromethane	5.02	49	167395	46.59	ug/l	90
29) Tetrahydrofuran	5.16	42	421616	198.28	ug/l	90
30) Chloroform	5.21	83	348381	45.68	ug/l	99
31) Cyclohexane	5.57	56	303774	47.53	ug/l	96
32) 1,1,1-Trichloroethane	5.49	97	302092	46.58	ug/l	97
36) 1,1-Dichloropropene	5.80	75	262556	50.24	ug/l	99
37) Ethyl Acetate	4.86	43	254092	43.14	ug/l	95
38) Carbon Tetrachloride	5.79	117	266568	50.12	ug/l	91

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Quant Time: Jul 18 13:51:45 2018
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 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	296456	49.55	ug/l	96
40) Benzene	6.15	78	762972	47.98	ug/l	100
41) Methacrylonitrile	5.06	41	149597	46.19	ug/l	92
42) 1,2-Dichloroethane	6.20	62	251477	46.12	ug/l	95
43) Isopropyl Acetate	6.46	43	399731	44.97	ug/l	94
44) Trichloroethene	7.21	130	223944	48.62	ug/l	99
45) 1,2-Dichloropropane	7.52	63	196294	47.46	ug/l	100
46) Dibromomethane	7.66	93	127540	46.31	ug/l	97
47) Bromodichloromethane	7.90	83	245090	48.59	ug/l	98
48) Methyl methacrylate	7.78	41	211628	46.67	ug/l	87
49) 1,4-Dioxane	7.76	88	86301	831.20	ug/l	95
51) 4-Methyl-2-Pentanone	8.65	43	1311036	224.07	ug/l	93
52) Toluene	8.79	92	478837	48.10	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	304491	51.13	ug/l	100
54) cis-1,3-Dichloropropene	9.04	75	276920	50.95	ug/l	91
55) 1,1,2-Trichloroethane	9.22	97	196814	47.32	ug/l	98
56) Ethyl methacrylate	9.18	69	287633	48.84	ug/l #	84
57) 1,3-Dichloropropane	9.37	76	320400	47.94	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	626391	212.10	ug/l	98
59) 2-Hexanone	9.50	43	987489	219.66	ug/l	90
60) Dibromochloromethane	9.59	129	205021	49.61	ug/l	99
61) 1,2-Dibromoethane	9.68	107	202665	47.27	ug/l	100
64) Tetrachloroethene	9.34	164	251771	49.27	ug/l	97
65) Chlorobenzene	10.14	112	551651	47.81	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	201227	49.06	ug/l	99
67) Ethyl Benzene	10.26	91	935673	49.61	ug/l	99
68) m/p-Xylenes	10.36	106	731123	100.22	ug/l	97
69) o-Xylene	10.70	106	352777	50.35	ug/l	96
70) Styrene	10.71	104	583789	50.62	ug/l	97
71) Bromoform	10.86	173	158994	48.19	ug/l	99
73) Isopropylbenzene	11.02	105	953932	47.01	ug/l	100
74) N-amyl acetate	6.46	43	399731	40.97	ug/l #	94
75) 1,1,2,2-Tetrachloroethane	11.27	83	280618	41.90	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	333398	58.12	ug/l	80
77) Bromobenzene	11.26	156	258801	44.91	ug/l	98
78) n-propylbenzene	11.37	91	1097420	48.41	ug/l	99
79) 2-Chlorotoluene	11.43	91	639822	46.04	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	799418	48.23	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	84499	47.85	ug/l	89
82) 4-Chlorotoluene	11.51	91	758749	46.79	ug/l	98
83) tert-Butylbenzene	11.77	119	772179	47.67	ug/l	95
84) 1,2,4-Trimethylbenzene	11.81	105	813645	47.79	ug/l	98
85) sec-Butylbenzene	11.95	105	952658	48.48	ug/l	100
86) p-Isopropyltoluene	12.07	119	902072	51.57	ug/l	98
87) 1,3-Dichlorobenzene	12.03	146	494111	46.85	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	503387	47.00	ug/l	99
89) n-Butylbenzene	12.39	91	760294	51.02	ug/l	99
90) Hexachloroethane	12.60	117	124510	46.98	ug/l	100
91) 1,2-Dichlorobenzene	12.40	146	486238	45.90	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	58928	42.29	ug/l	91

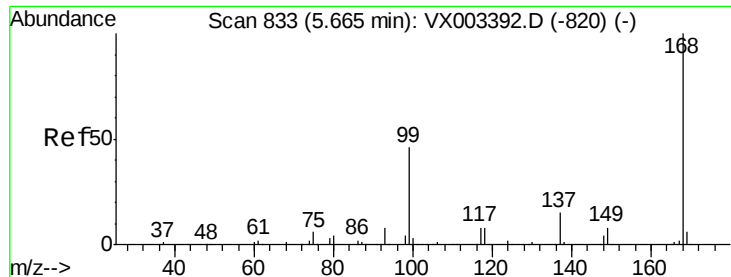
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QLast Update : Mon Jul 16 13:15:28 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	376098	51.88	ug/l	100
94) Hexachlorobutadiene	13.79	225	182279	52.24	ug/l	99
95) Naphthalene	13.84	128	1030101	49.58	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	370690	49.72	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.00 min

Lab File: VX003439.D

Acq: 18 Jul 2018 11:05

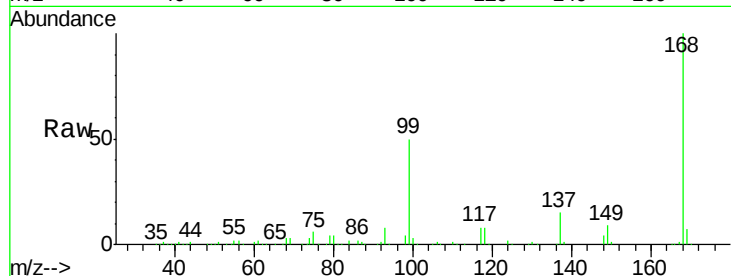
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:168 Resp: 393313

Ion Ratio Lower Upper

168 100

99 49.5 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

150000

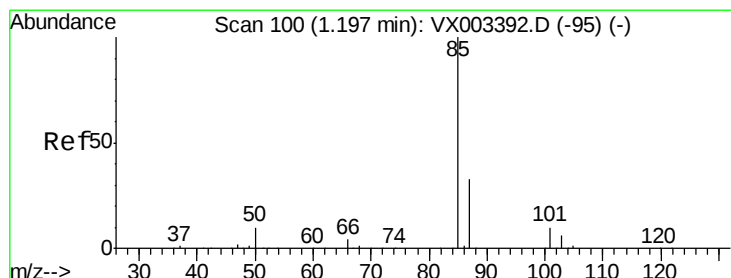
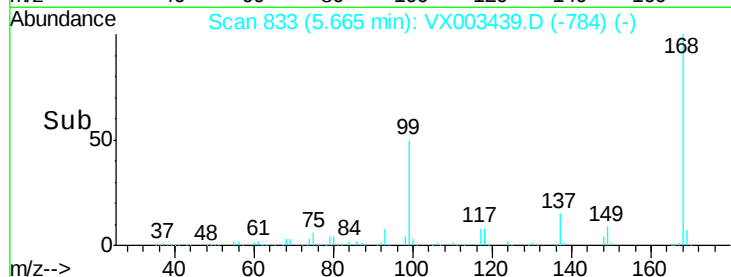
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 51.38 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX003439.D

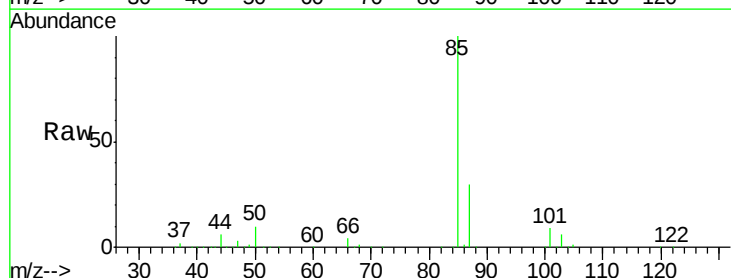
Acq: 18 Jul 2018 11:05

Tgt Ion: 85 Resp: 228108

Ion Ratio Lower Upper

85 100

87 29.7 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

250000

200000

150000

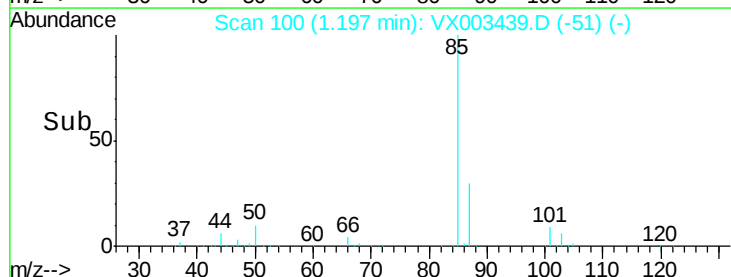
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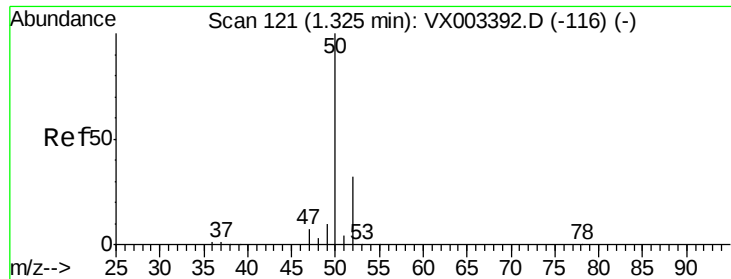
50000

0

Time-->

1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 43.85 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX003439.D

Acq: 18 Jul 2018 11:05

Instrument :

MSVOA_X

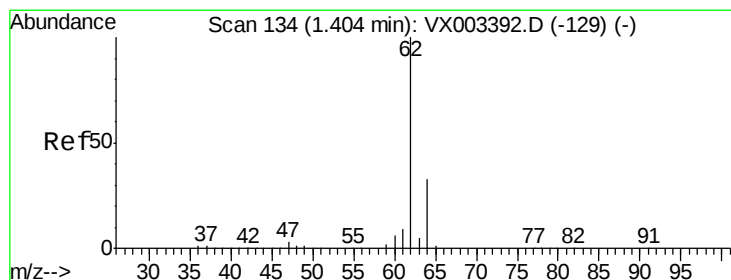
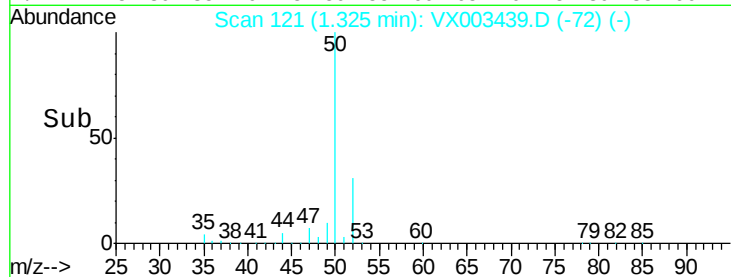
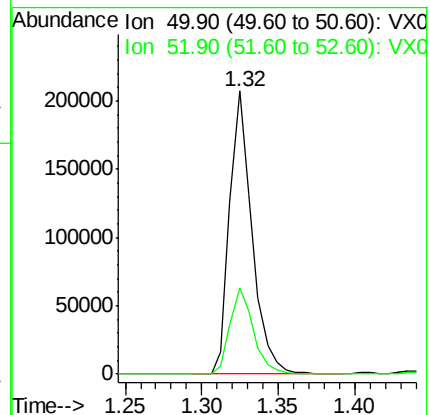
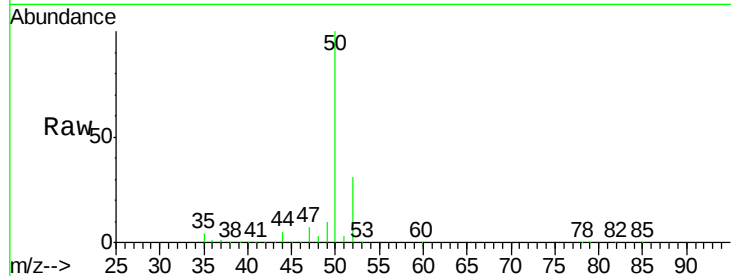
ClientSampleId :

Tot Ion: 50 Resp: 210688

Ion Ratio Lower Upper

50 100

52 30.6 25.7 38.5



#4

Vinyl Chloride

Concen: 44.60 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX003439.D

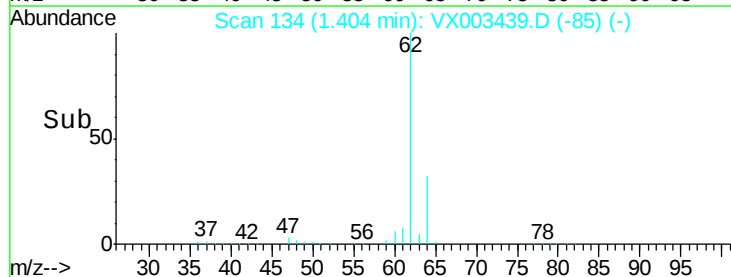
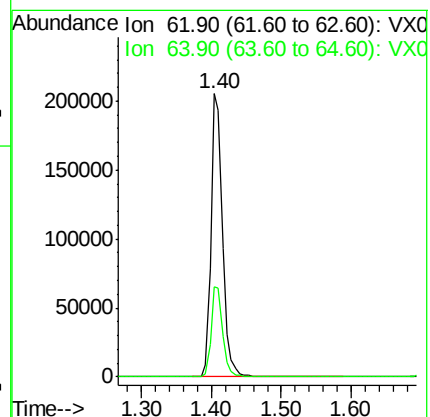
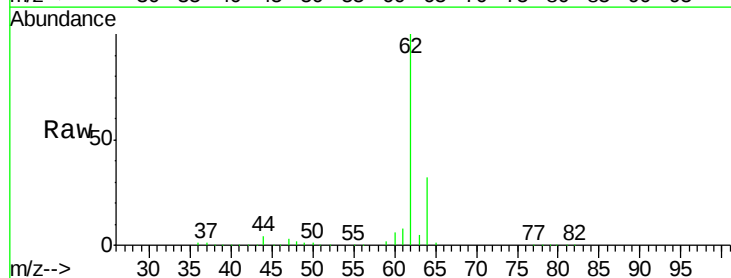
Acq: 18 Jul 2018 11:05

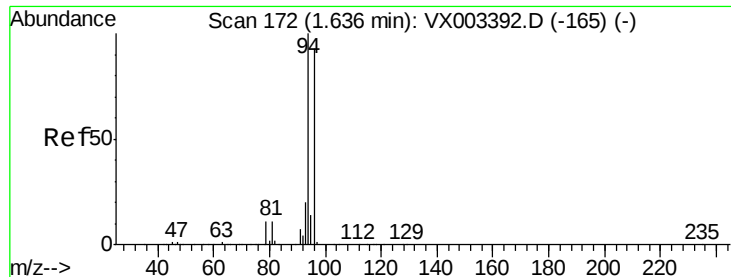
Tgt Ion: 62 Resp: 233512

Ion Ratio Lower Upper

62 100

64 31.7 25.4 38.2





#5

Bromomethane

Concen: 46.59 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX003439.D

Acq: 18 Jul 2018 11:05

Instrument :

MSVOA_X

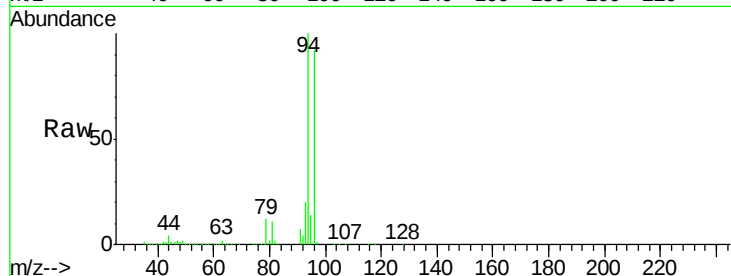
ClientSampled :

Tot Ion: 94 Resp: 84211

Ion Ratio Lower Upper

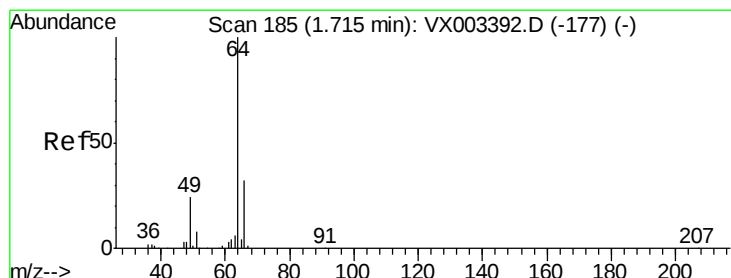
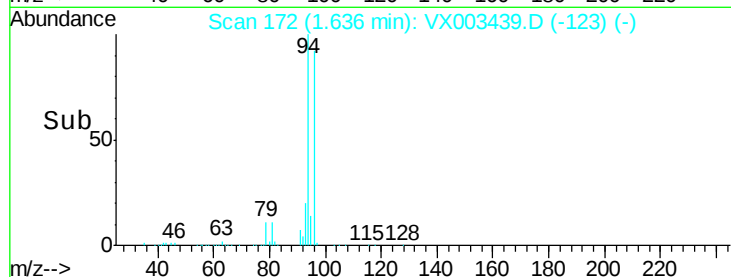
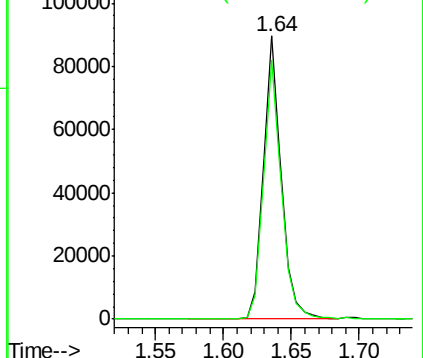
94 100

96 91.7 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: 47.29 ug/l

RT: 1.72 min Scan# 186

Delta R.T. 0.01 min

Lab File: VX003439.D

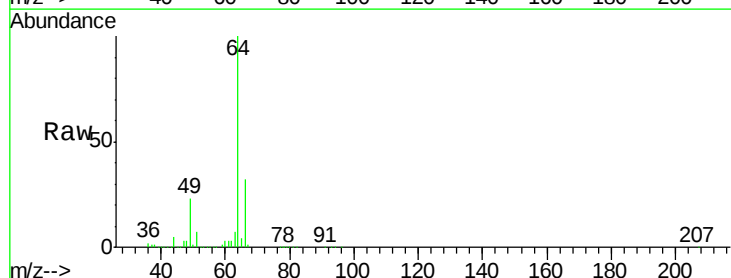
Acq: 18 Jul 2018 11:05

Tgt Ion: 64 Resp: 137422

Ion Ratio Lower Upper

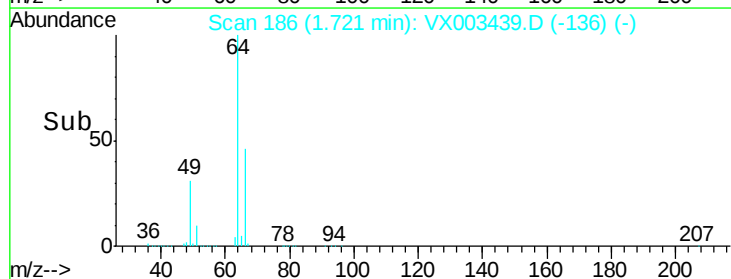
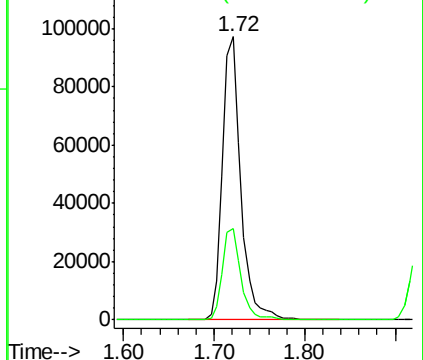
64 100

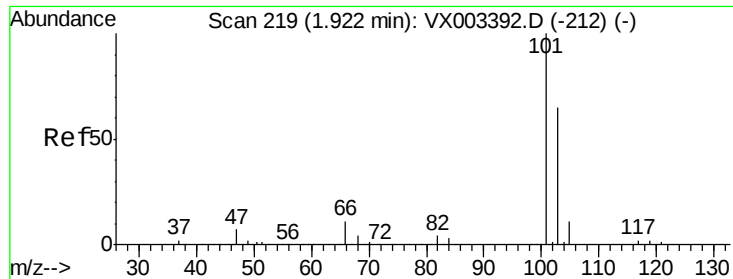
66 32.1 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



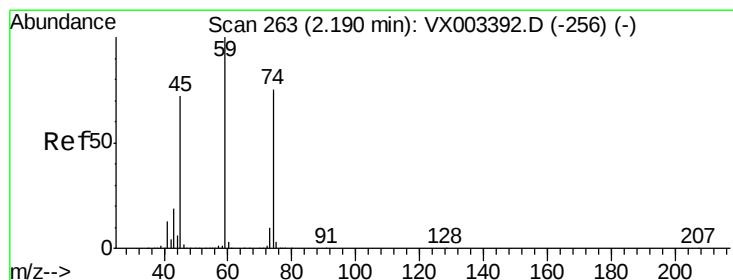
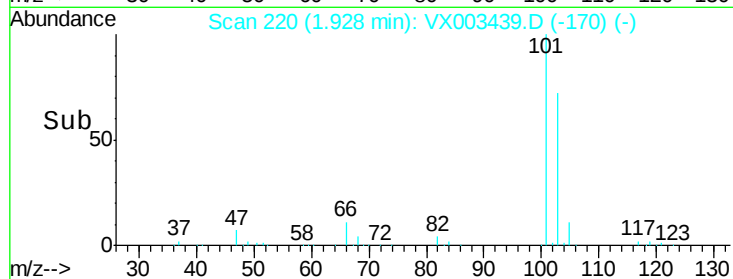
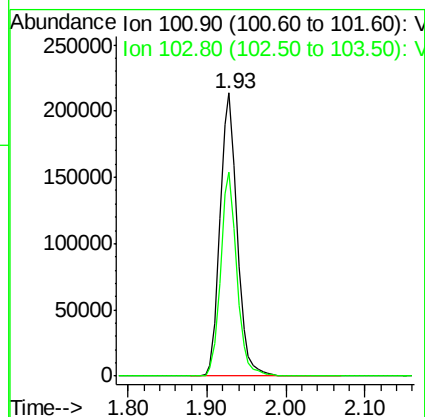
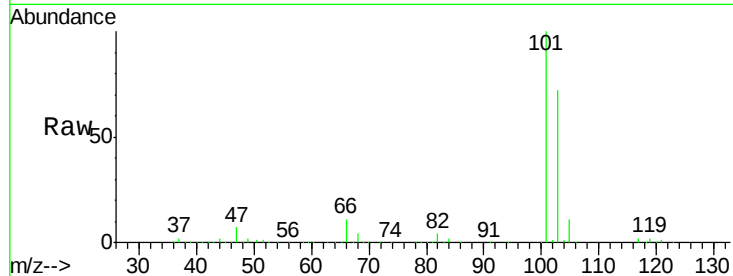


#7

Trichlorofluoromethane
 Concen: 46.75 ug/l
 RT: 1.93 min Scan# 220
 Delta R.T. 0.01 min
 Lab File: VX003439.D
 Acq: 18 Jul 2018 11:05

Instrument :
 MSVOA_X
 ClientSampleId :

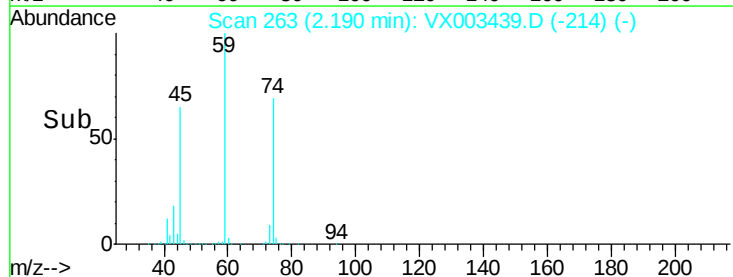
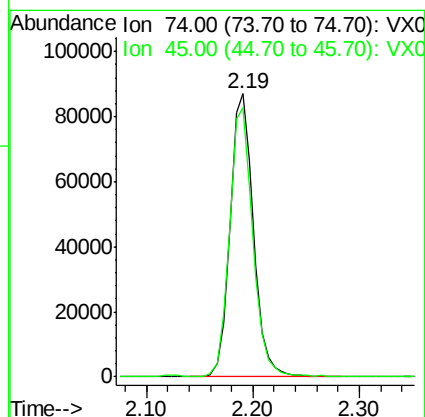
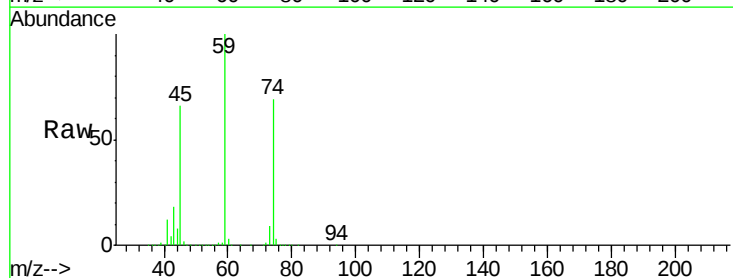
Tot Ion:101 Resp: 324692
 Ion Ratio Lower Upper
 101 100
 103 72.0 52.8 79.2

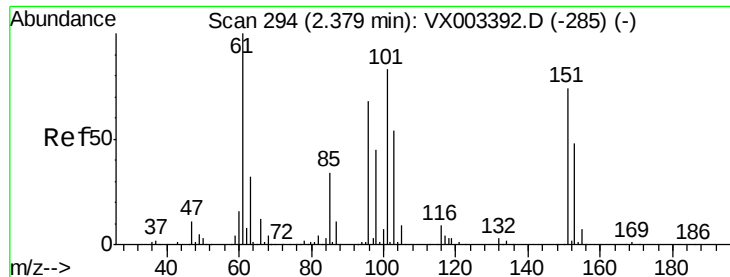


#8

Diethyl Ether
 Concen: 44.85 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. -0.00 min
 Lab File: VX003439.D
 Acq: 18 Jul 2018 11:05

Tgt Ion: 74 Resp: 133277
 Ion Ratio Lower Upper
 74 100
 45 95.7 53.1 159.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.41 ug/l

RT: 2.39 min Scan# 295

Delta R.T. 0.01 min

Lab File: VX003439.D

Acq: 18 Jul 2018 11:05

Instrument :

MSVOA_X

ClientSampleId :

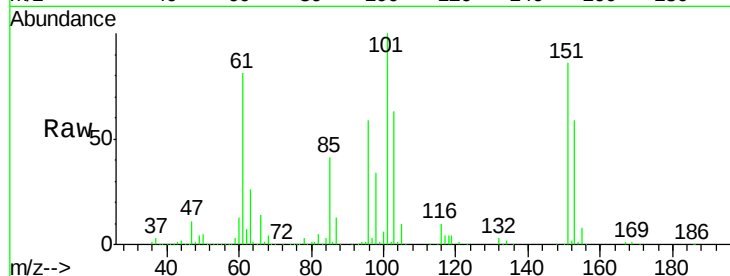
Tot Ion:101 Resp: 203617

Ion Ratio Lower Upper

101 100

85 43.1 36.0 54.0

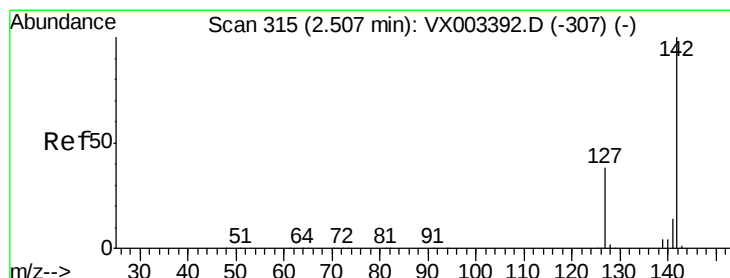
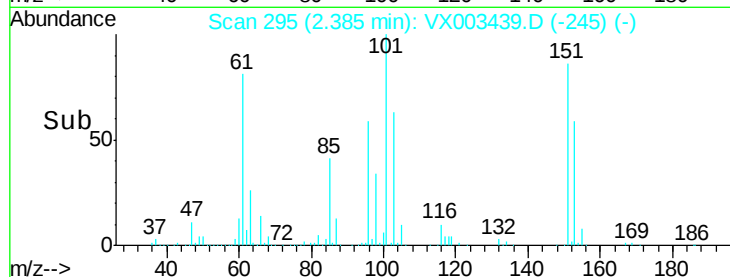
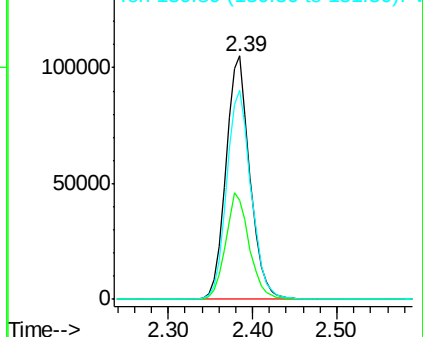
151 88.0 70.9 106.3



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: 47.63 ug/l

RT: 2.51 min Scan# 316

Delta R.T. 0.01 min

Lab File: VX003439.D

Acq: 18 Jul 2018 11:05

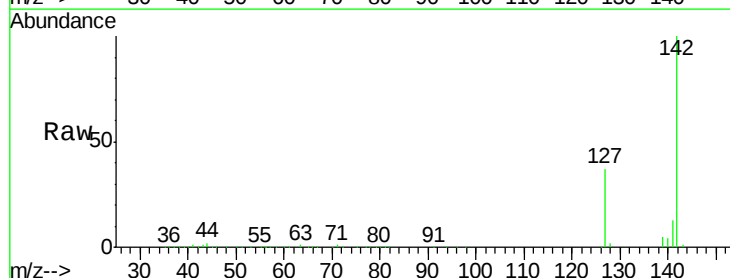
Tgt Ion:142 Resp: 223558

Ion Ratio Lower Upper

142 100

127 38.1 36.6 55.0

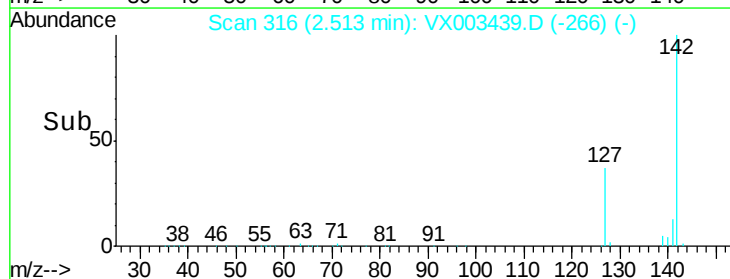
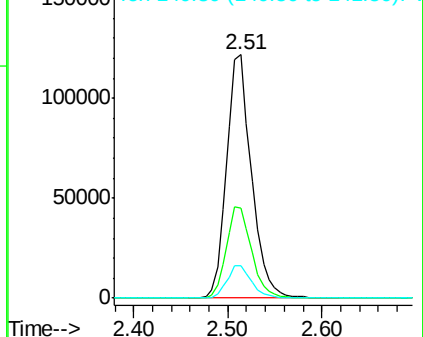
141 13.4 11.3 16.9

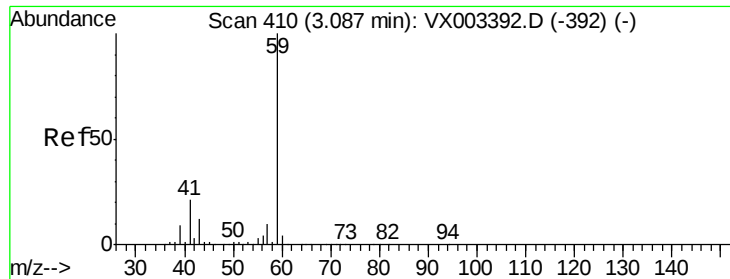


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

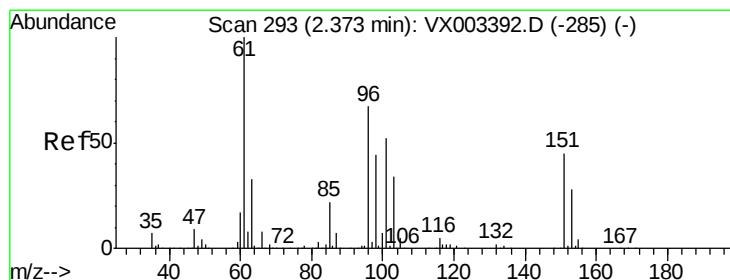
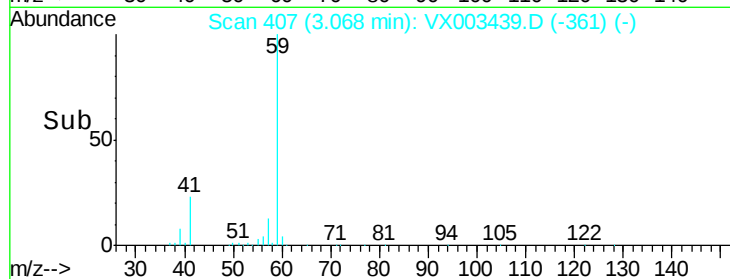
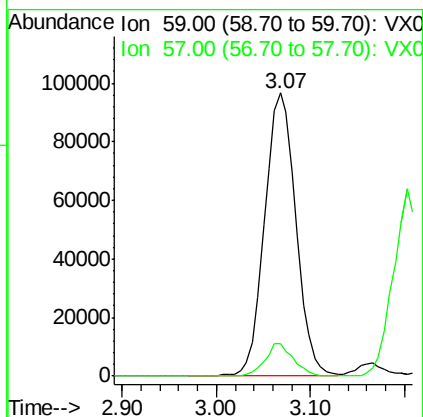
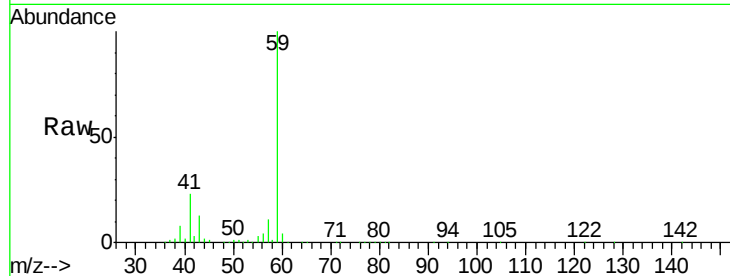




#11
Tert butyl alcohol
Concen: 194.29 ug/l
RT: 3.07 min Scan# 407
Delta R.T. -0.02 min
Lab File: VX003439.D
Acq: 18 Jul 2018 11:05

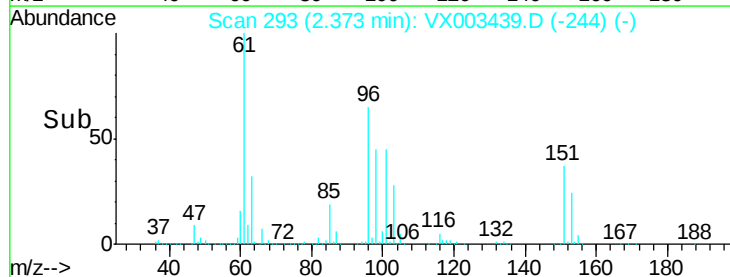
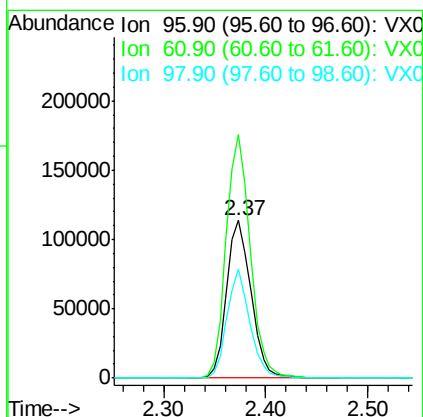
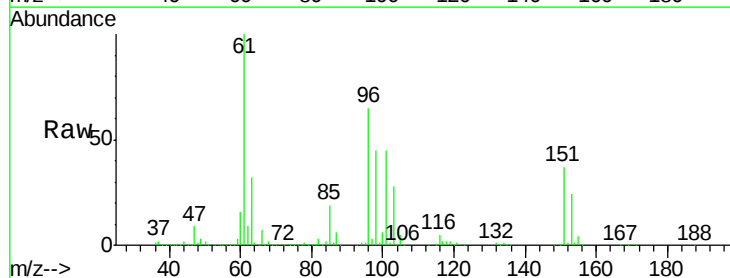
Instrument :
MSVOA_X
ClientSampled :

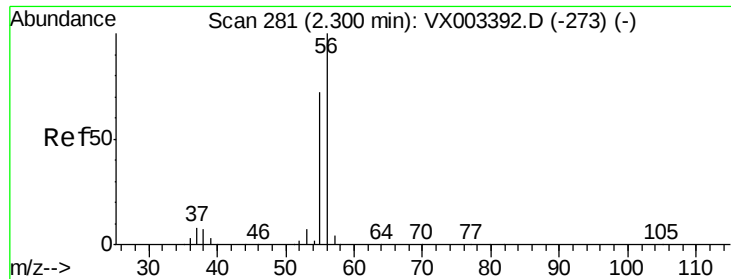
Tot Ion: 59 Resp: 225060
Ion Ratio Lower Upper
59 100
57 10.4 8.2 12.2



#12
1,1-Dichloroethene
Concen: 45.39 ug/l
RT: 2.37 min Scan# 293
Delta R.T. -0.00 min
Lab File: VX003439.D
Acq: 18 Jul 2018 11:05

Tgt Ion: 96 Resp: 188184
Ion Ratio Lower Upper
96 100
61 154.8 137.9 206.9
98 69.6 51.6 77.4





#13

Acrolein

Concen: 131.16 ug/l

RT: 2.29 min Scan# 280

Delta R.T. -0.01 min

Lab File: VX003439.D

Acq: 18 Jul 2018 11:05

Instrument :

MSVOA_X

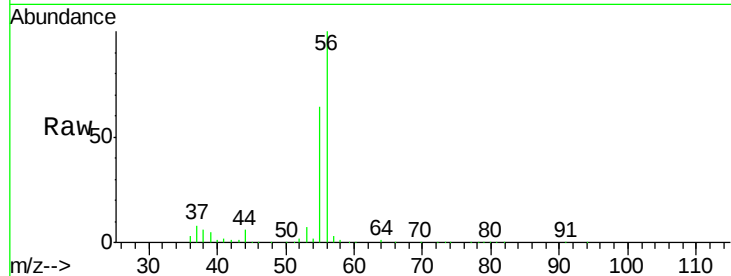
ClientSampled :

Tot Ion: 56 Resp: 72879

Ion Ratio Lower Upper

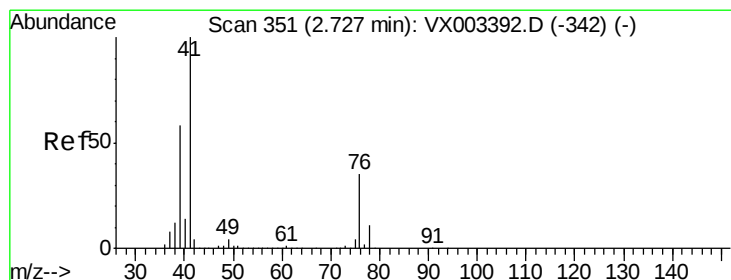
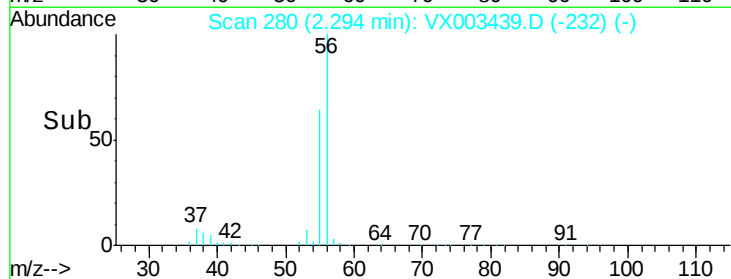
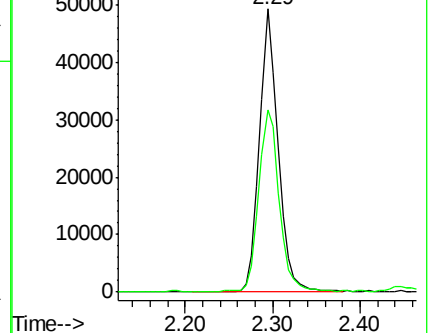
56 100

55 69.8 57.0 85.4



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 45.26 ug/l

RT: 2.73 min Scan# 351

Delta R.T. -0.00 min

Lab File: VX003439.D

Acq: 18 Jul 2018 11:05

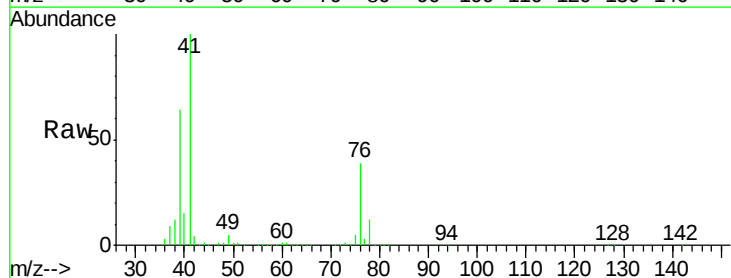
Tgt Ion: 41 Resp: 340359

Ion Ratio Lower Upper

41 100

39 59.3 56.8 85.2

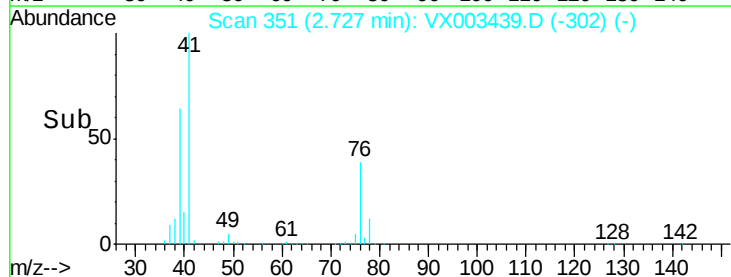
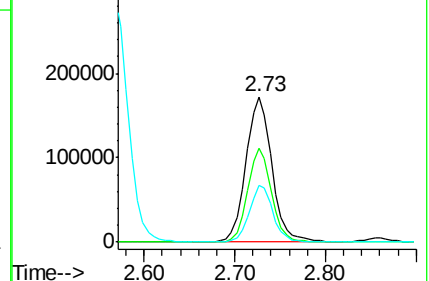
76 35.1 23.8 35.8

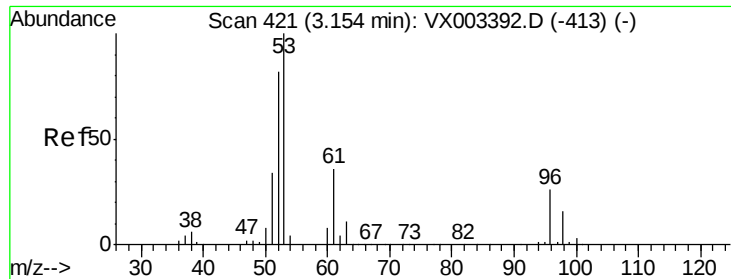


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 203.18 ug/l

RT: 3.15 min Scan# 420

Delta R.T. -0.01 min

Lab File: VX003439.D

Acq: 18 Jul 2018 11:05

Instrument :
MSVOA_X
ClientSampleId :

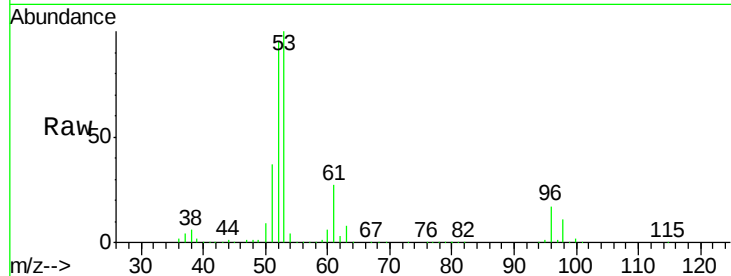
Tot Ion: 53 Resp: 539200

Ion Ratio Lower Upper

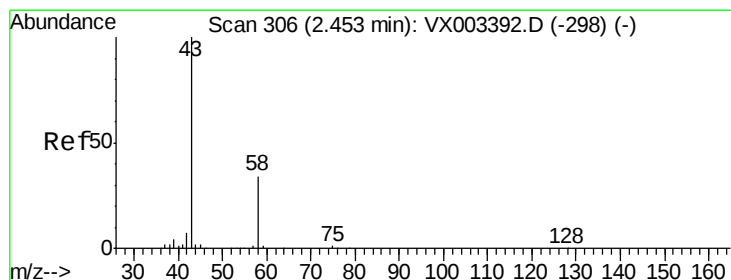
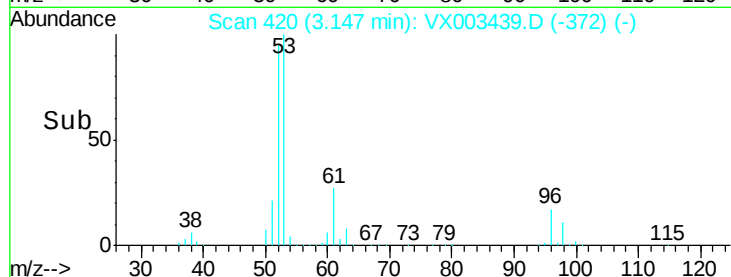
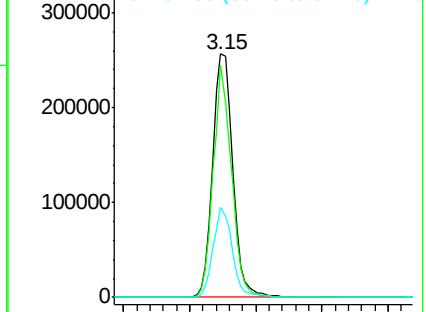
53 100

52 86.1 66.7 100.1

51 35.3 29.9 44.9



Abundance Ion 53.00 (52.70 to 53.70): VX0
Ion 52.00 (51.70 to 52.70): VX0
Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 195.22 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX003439.D

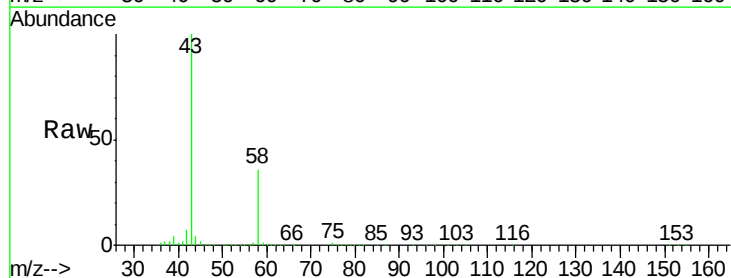
Acq: 18 Jul 2018 11:05

Tgt Ion: 43 Resp: 418242

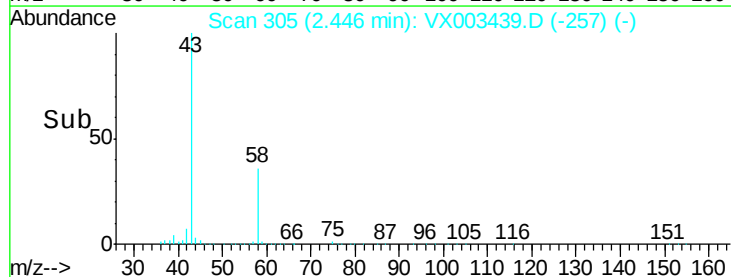
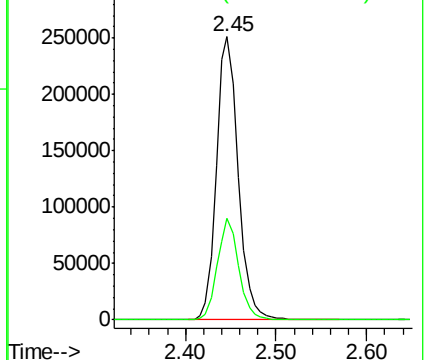
Ion Ratio Lower Upper

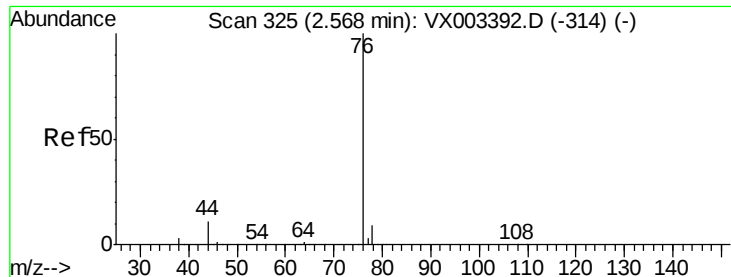
43 100

58 36.0 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: 42.65 ug/l

RT: 2.57 min Scan# 325

Delta R.T. -0.00 min

Lab File: VX003439.D

Acq: 18 Jul 2018 11:05

Instrument :

MSVOA_X

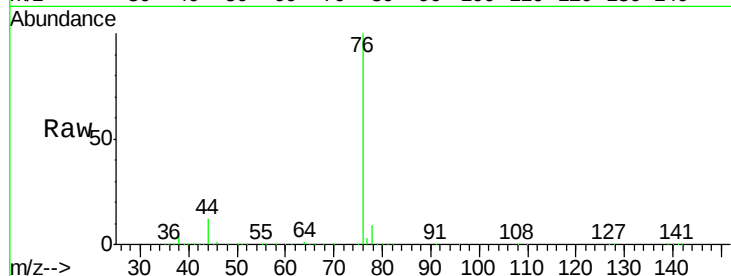
ClientSampleId :

Tot Ion: 76 Resp: 485115

Ion Ratio Lower Upper

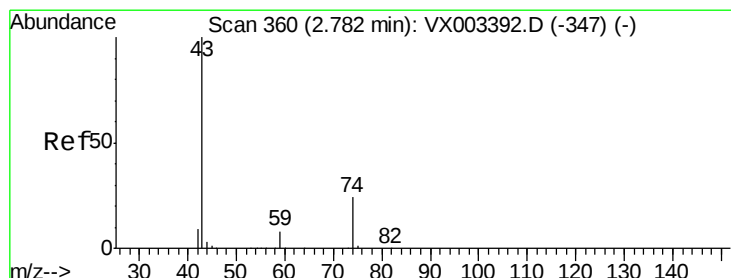
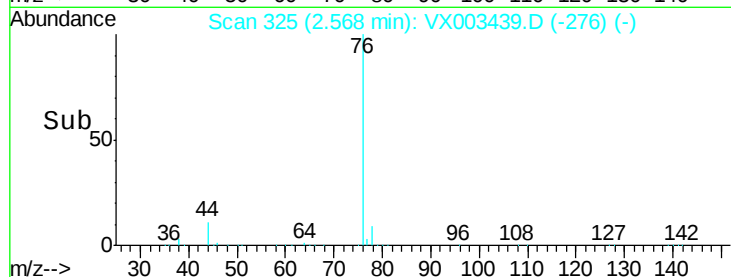
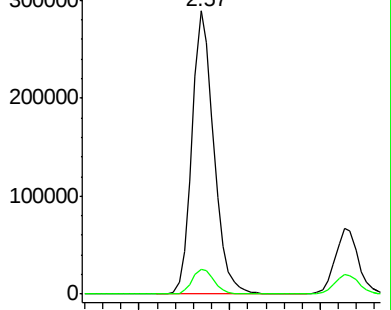
76 100

78 8.7 6.9 10.3



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 49.24 ug/l

RT: 2.78 min Scan# 359

Delta R.T. -0.01 min

Lab File: VX003439.D

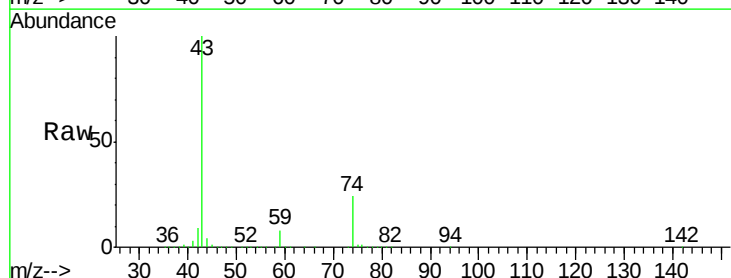
Acq: 18 Jul 2018 11:05

Tgt Ion: 43 Resp: 343564

Ion Ratio Lower Upper

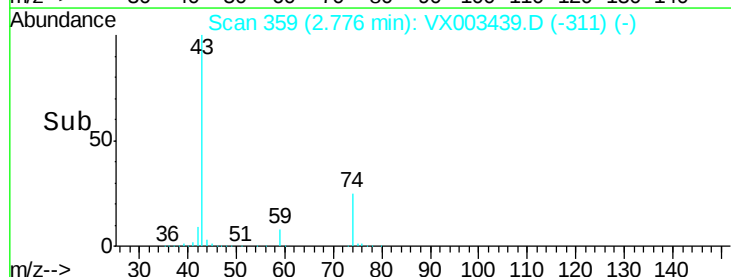
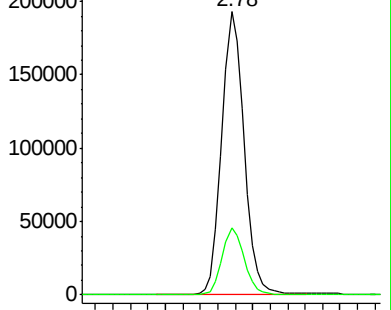
43 100

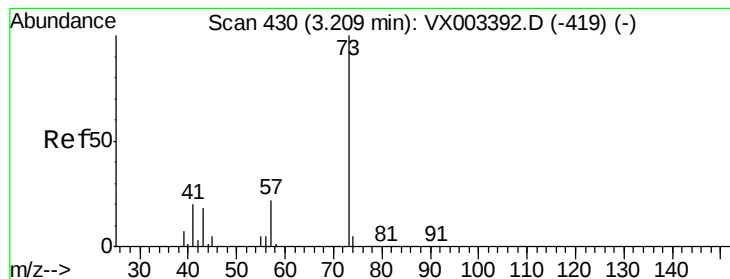
74 23.9 16.7 25.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



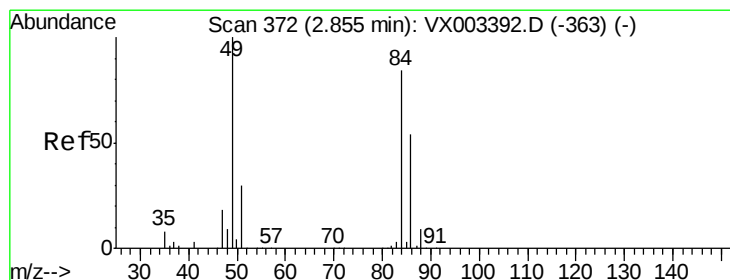
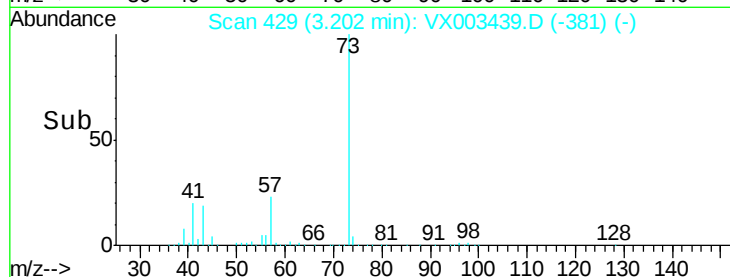
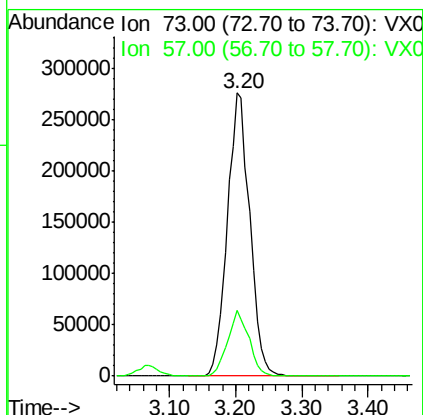
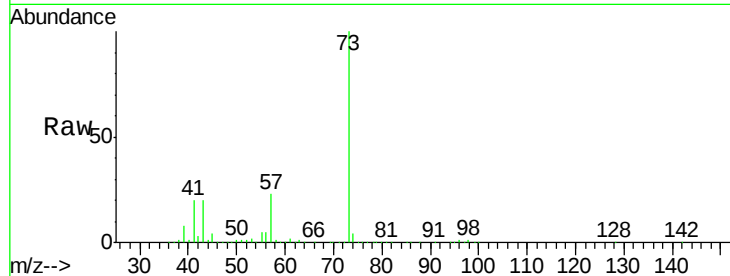


#19

Methyl tert-butyl Ether
 Concen: 47.12 ug/l
 RT: 3.20 min Scan# 429
 Delta R.T. -0.01 min
 Lab File: VX003439.D
 Acq: 18 Jul 2018 11:05

Instrument :
 MSVOA_X
 ClientSampleId :

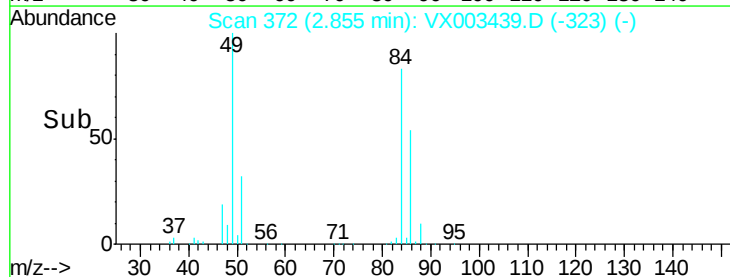
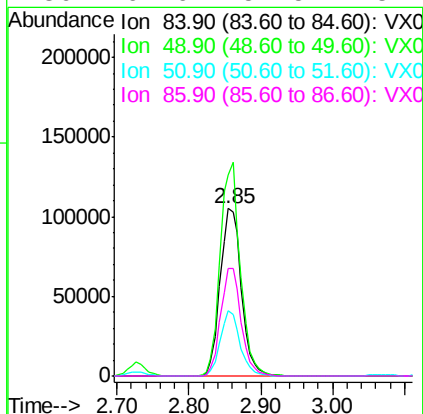
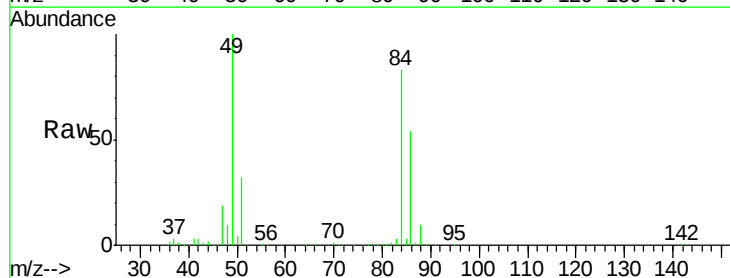
Tot Ion: 73 Resp: 648700
 Ion Ratio Lower Upper
 73 100
 57 23.2 17.7 26.5

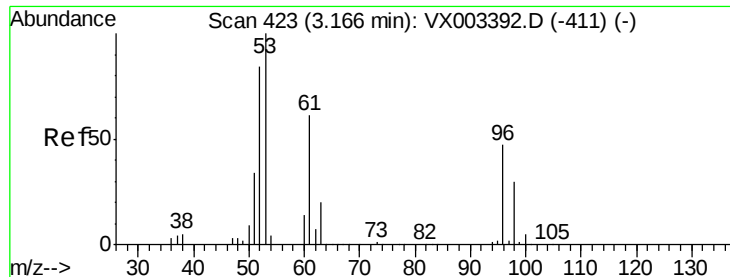


#20

Methylene Chloride
 Concen: 56.04 ug/l
 RT: 2.85 min Scan# 372
 Delta R.T. -0.00 min
 Lab File: VX003439.D
 Acq: 18 Jul 2018 11:05

Tgt Ion: 84 Resp: 215565
 Ion Ratio Lower Upper
 84 100
 49 120.6 107.8 161.6
 51 39.0 32.8 49.2
 86 64.6 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 43.96 ug/l

RT: 3.16 min Scan# 422

Delta R.T. -0.01 min

Lab File: VX003439.D

Acq: 18 Jul 2018 11:05

Instrument :
MSVOA_X
ClientSampleId :

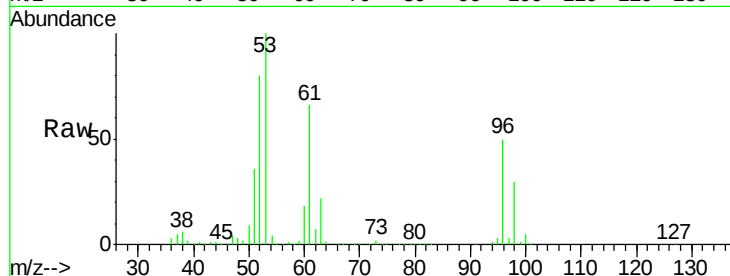
Tot Ion: 96 Resp: 196855

Ion Ratio Lower Upper

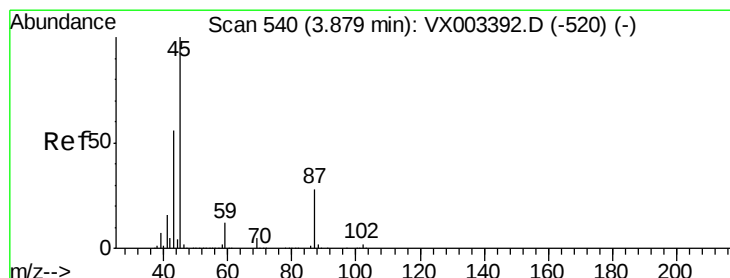
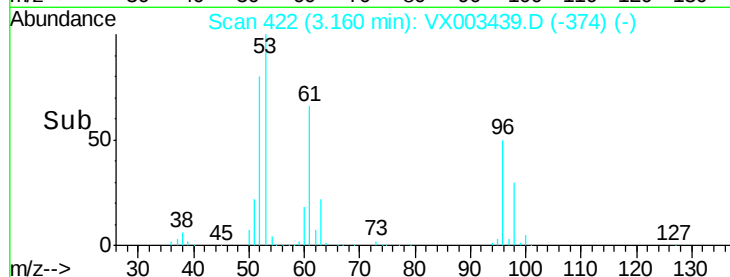
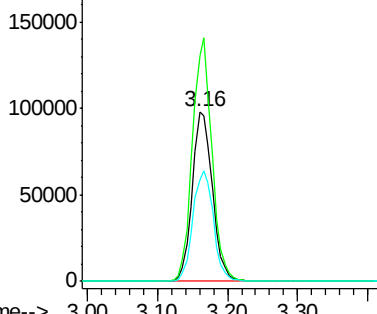
96 100

61 133.2 117.0 175.4

98 60.0 52.4 78.6



Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 44.90 ug/l

RT: 3.87 min Scan# 539

Delta R.T. -0.01 min

Lab File: VX003439.D

Acq: 18 Jul 2018 11:05

Tgt Ion: 45 Resp: 654924

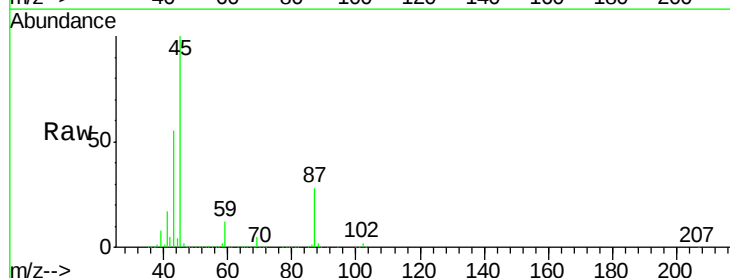
Ion Ratio Lower Upper

45 100

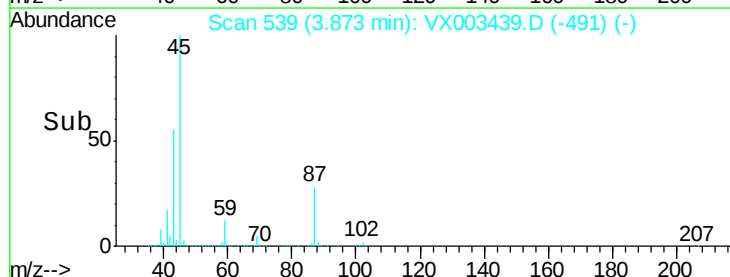
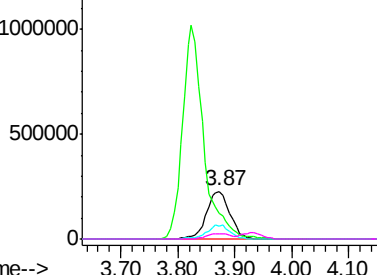
43 54.7 46.8 70.2

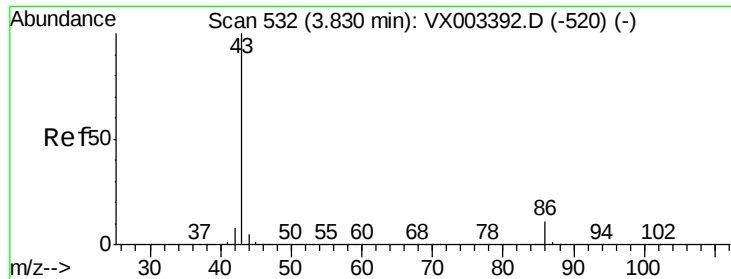
87 28.0 20.2 30.4

59 12.0 8.7 13.1



Abundance Ion 45.00 (44.70 to 45.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 87.00 (86.70 to 87.70): VX0
Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 219.34 ug/l

RT: 3.82 min Scan# 531

Delta R.T. -0.01 min

Lab File: VX003439.D

Acq: 18 Jul 2018 11:05

Instrument :

MSVOA_X

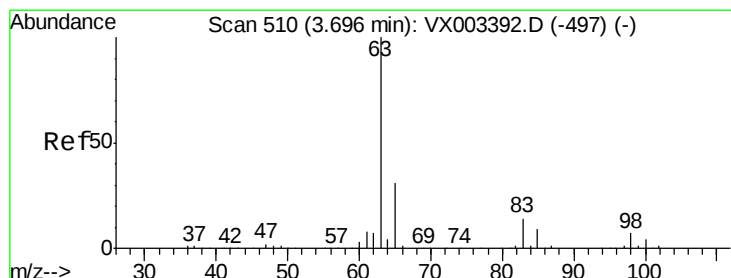
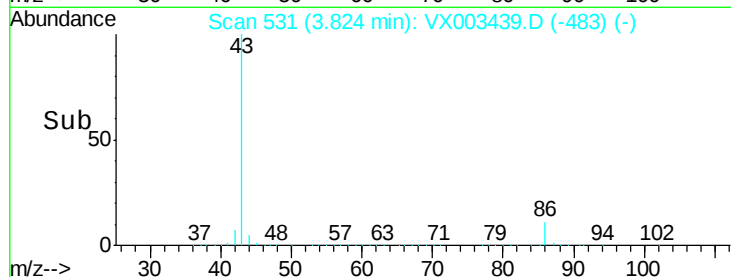
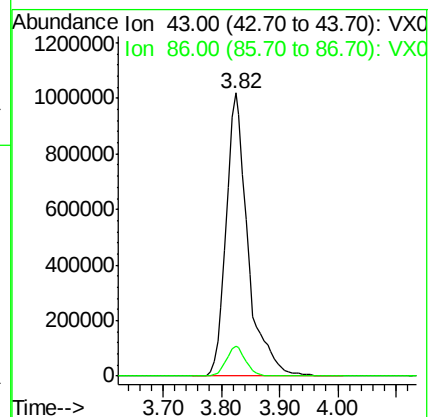
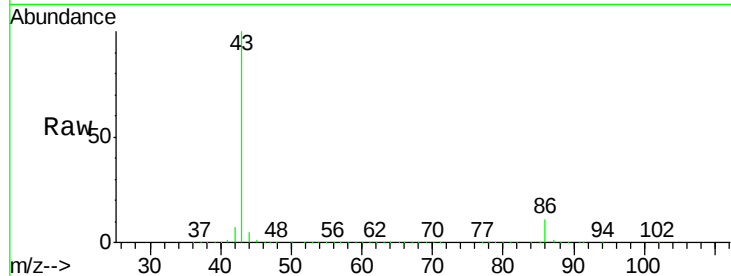
ClientSampled :

Tot Ion: 43 Resp: 2638840

Ion Ratio Lower Upper

43 100

86 10.6 7.4 11.0



#24

1,1-Dichloroethane

Concen: 44.85 ug/l

RT: 3.70 min Scan# 510

Delta R.T. -0.00 min

Lab File: VX003439.D

Acq: 18 Jul 2018 11:05

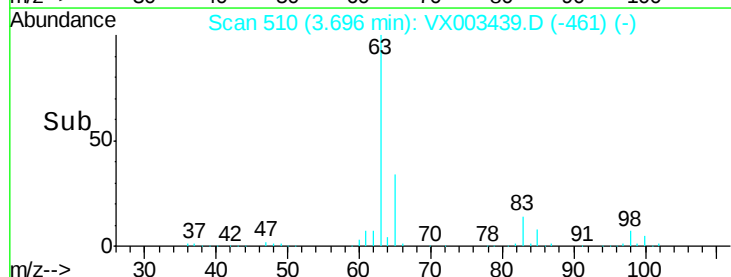
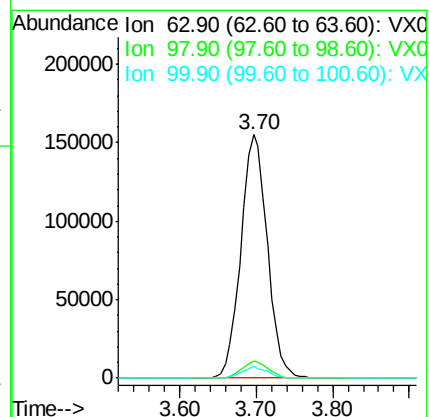
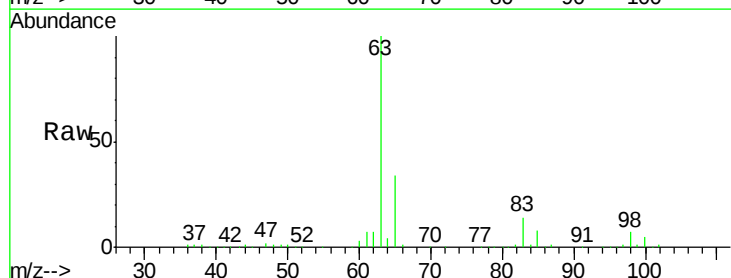
Tgt Ion: 63 Resp: 371134

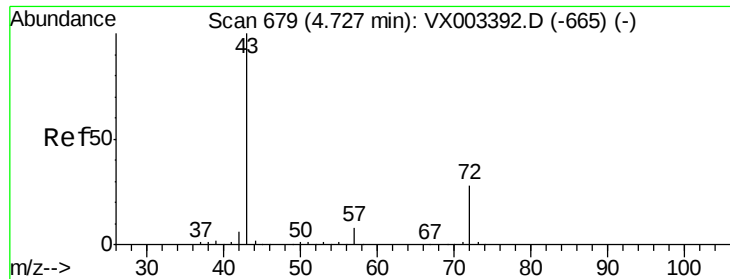
Ion Ratio Lower Upper

63 100

98 7.0 3.4 10.2

100 4.7 2.0 6.0





#25

2-Butanone

Concen: 198.20 ug/l

RT: 4.71 min Scan# 676

Delta R.T. -0.02 min

Lab File: VX003439.D

Acq: 18 Jul 2018 11:05

Instrument :

MSVOA_X

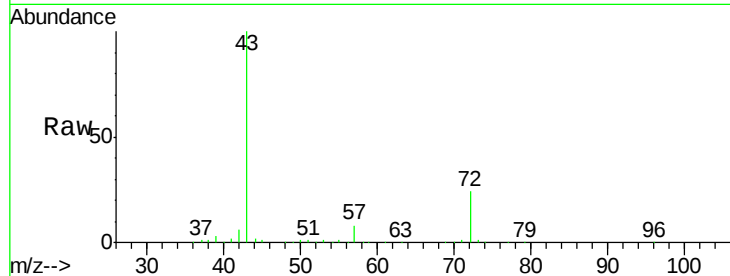
ClientSampleId :

Tot Ion: 43 Resp: 664524

Ion Ratio Lower Upper

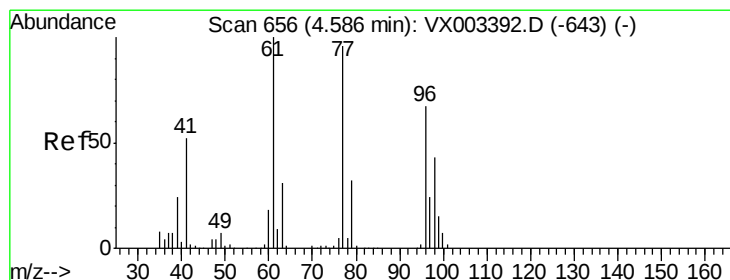
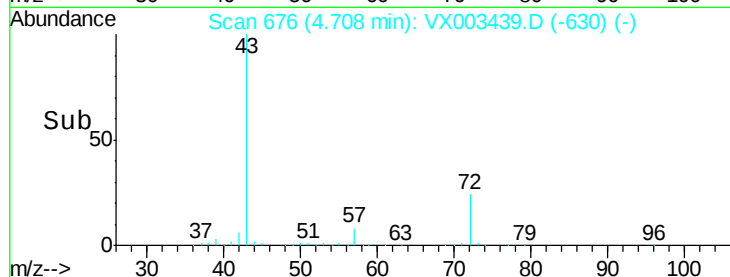
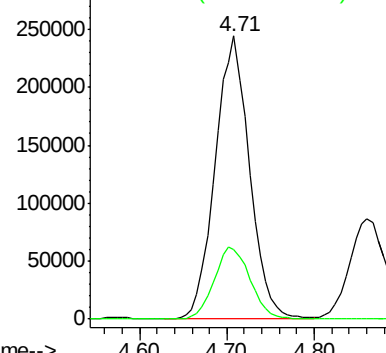
43 100

72 24.4 18.5 27.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 50.77 ug/l

RT: 4.59 min Scan# 656

Delta R.T. -0.00 min

Lab File: VX003439.D

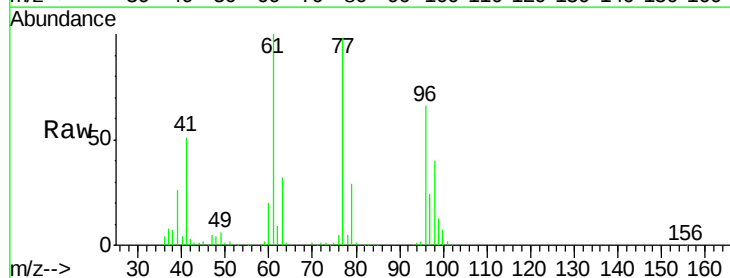
Acq: 18 Jul 2018 11:05

Tgt Ion: 77 Resp: 294890

Ion Ratio Lower Upper

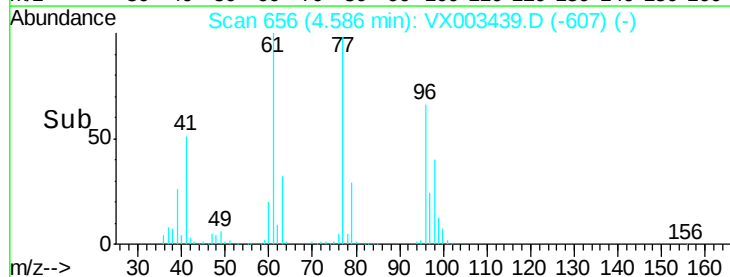
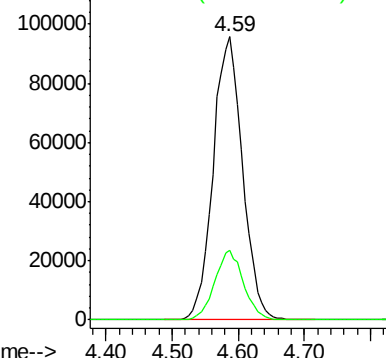
77 100

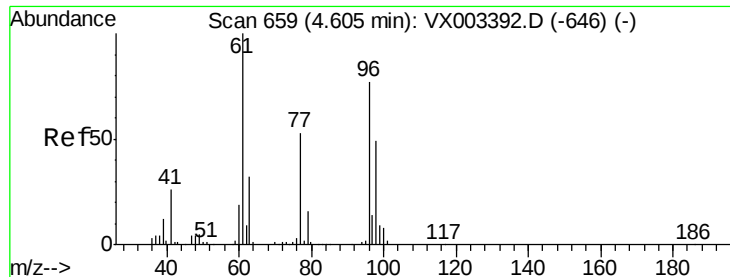
97 24.0 11.2 33.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



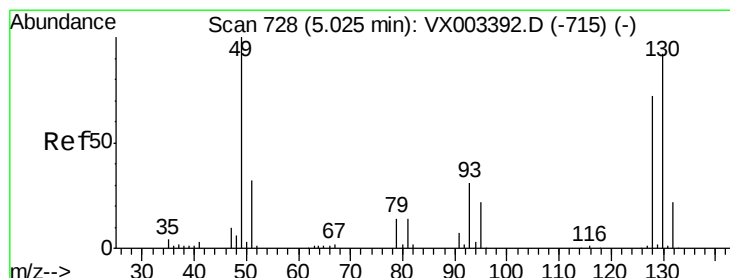
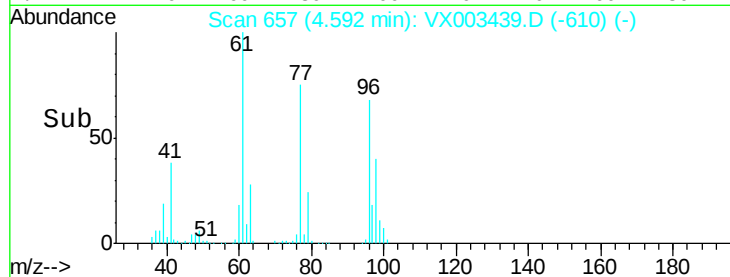
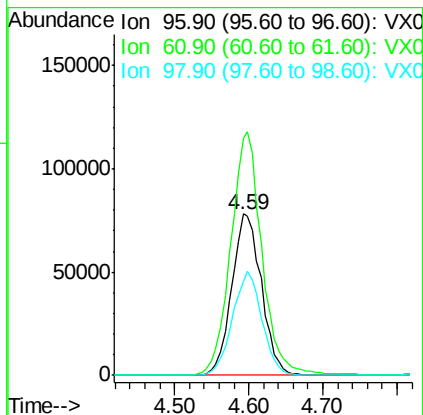
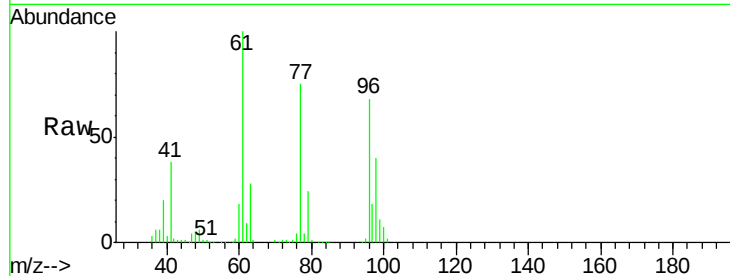


#27

cis-1,2-Dichloroethene
Concen: 45.21 ug/l
RT: 4.59 min Scan# 657
Delta R.T. -0.01 min
Lab File: VX003439.D
Acq: 18 Jul 2018 11:05

Instrument :
MSVOA_X
ClientSampleId :

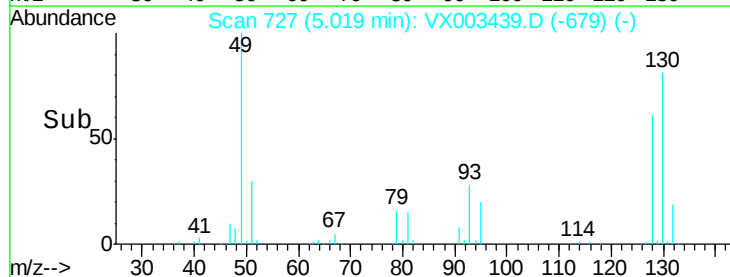
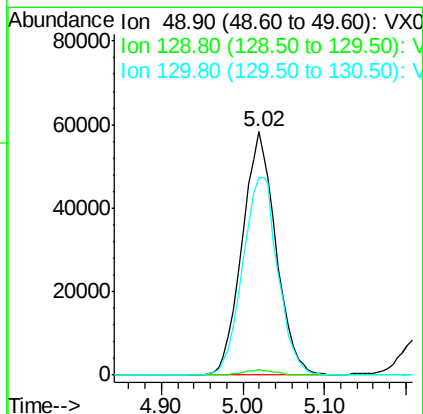
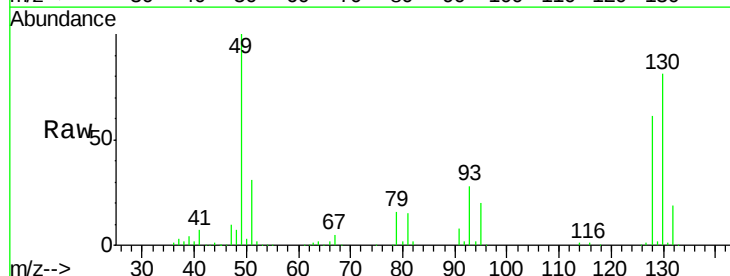
Tot Ion	Ratio	Lower	Upper
96	100		
61	158.2	0.0	330.2
98	64.1	0.0	130.2

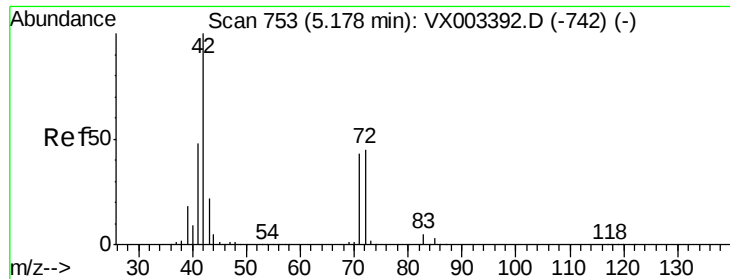


#28

Bromochloromethane
Concen: 46.59 ug/l
RT: 5.02 min Scan# 727
Delta R.T. -0.01 min
Lab File: VX003439.D
Acq: 18 Jul 2018 11:05

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	4.2
130	85.2	61.2	91.8

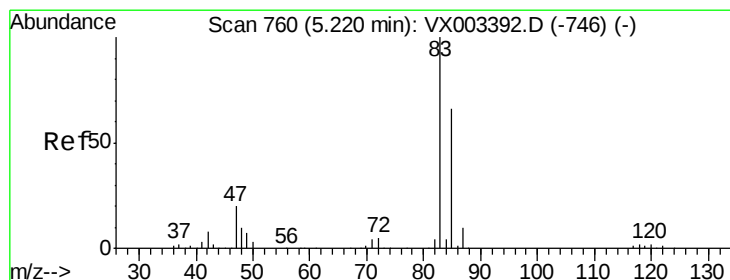
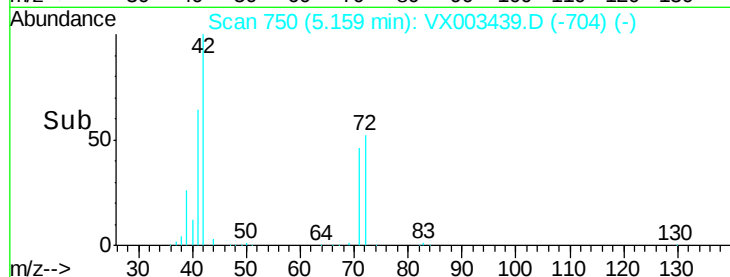
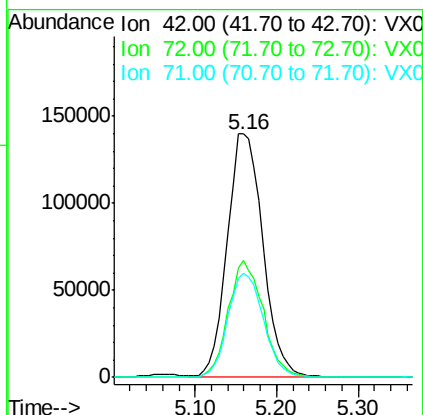
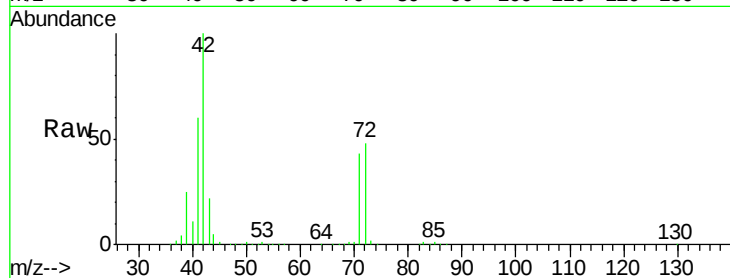




#29
Tetrahydrofuran
Concen: 198.28 ug/l
RT: 5.16 min Scan# 750
Delta R.T. -0.02 min
Lab File: VX003439.D
Acq: 18 Jul 2018 11:05

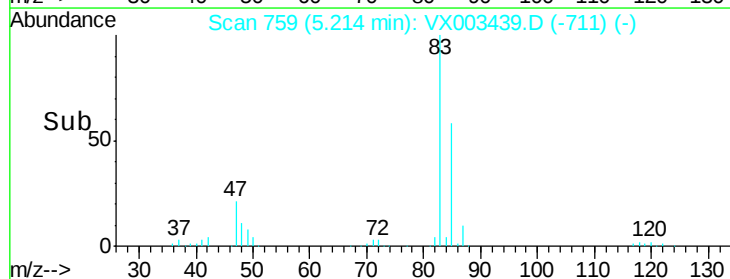
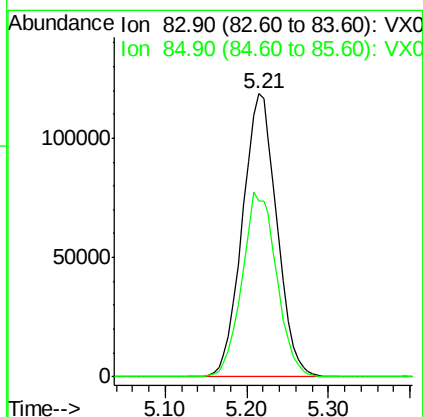
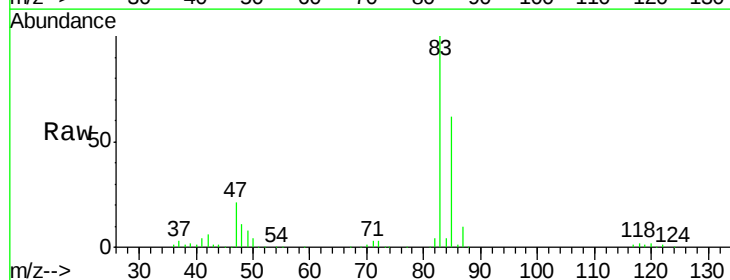
Instrument :
MSVOA_X
ClientSampled :

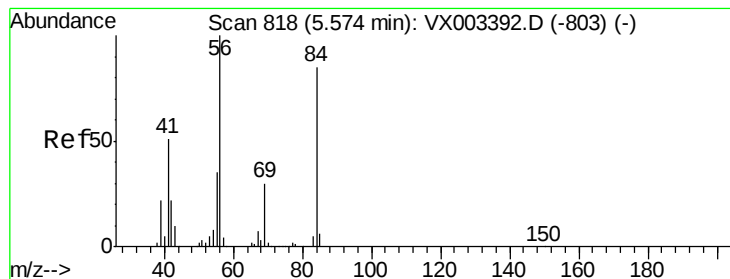
Tot Ion: 42 Resp: 421616
Ion Ratio Lower Upper
42 100
72 47.2 32.0 48.0
71 42.8 30.1 45.1



#30
Chloroform
Concen: 45.68 ug/l
RT: 5.21 min Scan# 759
Delta R.T. -0.01 min
Lab File: VX003439.D
Acq: 18 Jul 2018 11:05

Tgt Ion: 83 Resp: 348381
Ion Ratio Lower Upper
83 100
85 62.3 50.4 75.6





#31

Cyclohexane

Concen: 47.53 ug/l

RT: 5.57 min Scan# 818

Delta R.T. -0.00 min

Lab File: VX003439.D

Acq: 18 Jul 2018 11:05

Instrument :

MSVOA_X

ClientSampleId :

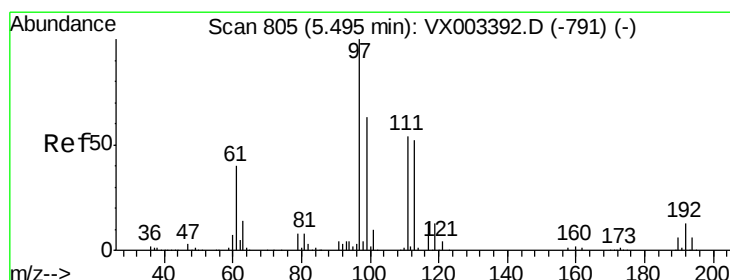
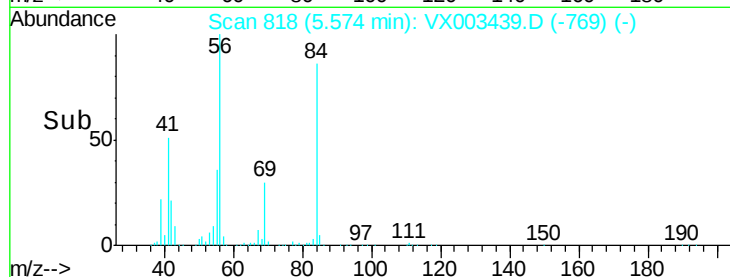
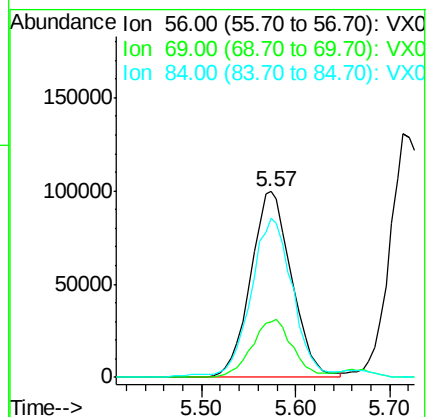
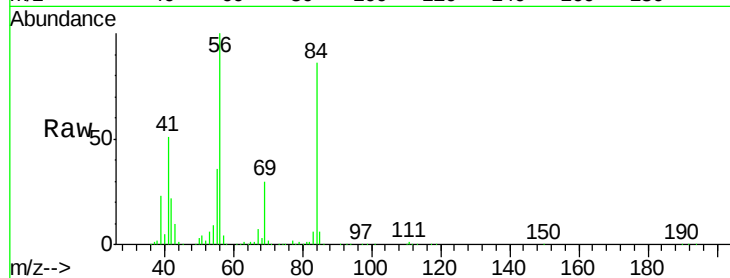
Tot Ion: 56 Resp: 303774

Ion Ratio Lower Upper

56 100

69 29.9 23.7 35.5

84 84.4 64.1 96.1



#32

1,1,1-Trichloroethane

Concen: 46.58 ug/l

RT: 5.49 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX003439.D

Acq: 18 Jul 2018 11:05

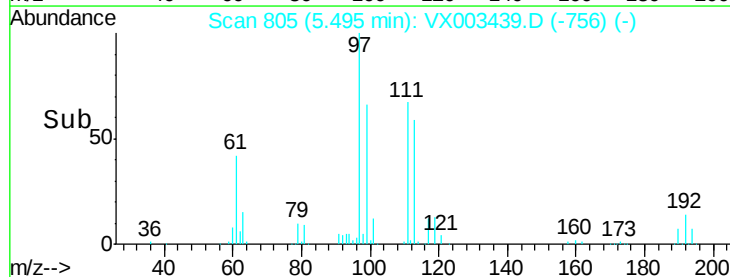
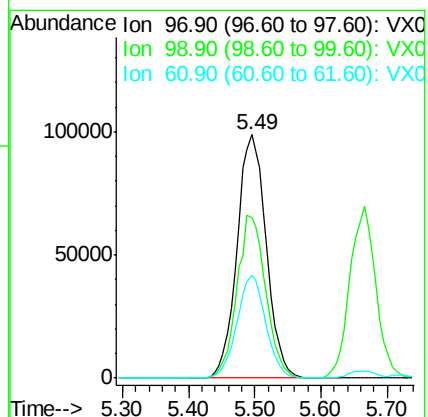
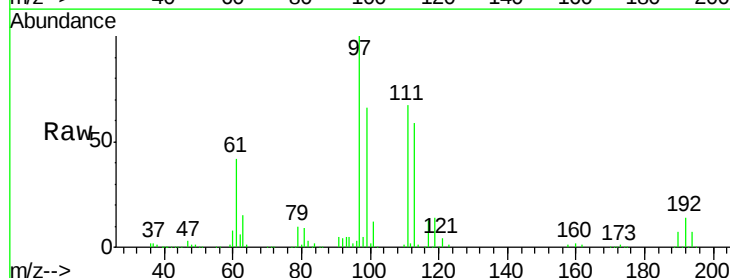
Tgt Ion: 97 Resp: 302092

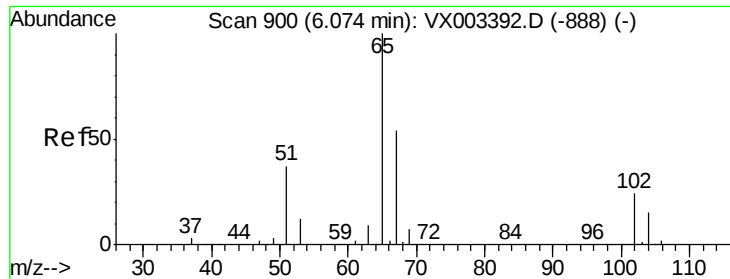
Ion Ratio Lower Upper

97 100

99 65.8 51.6 77.4

61 41.6 36.4 54.6

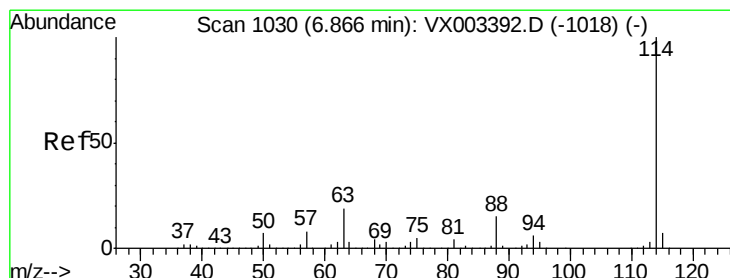
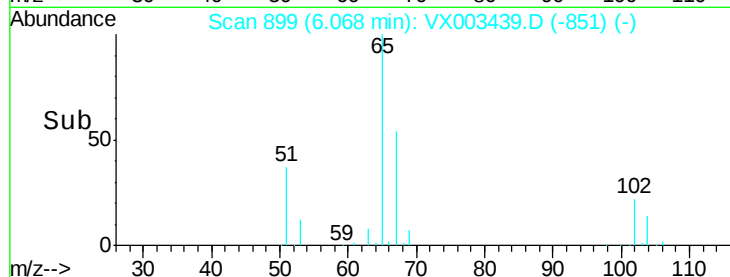
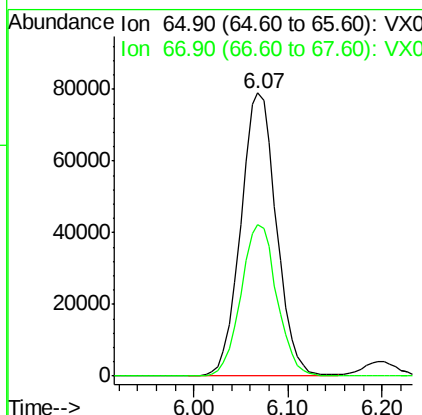
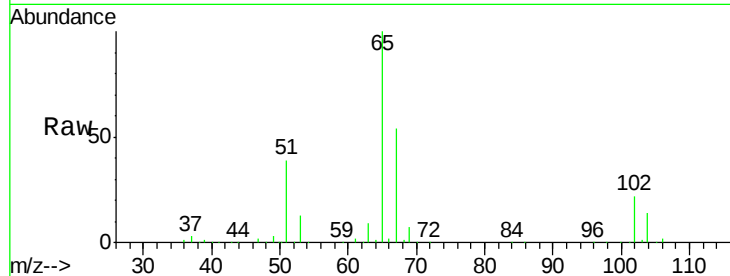




#33
 1,2-Dichloroethane-d4
 Concen: 40.64 ug/l
 RT: 6.07 min Scan# 899
 Delta R.T. -0.01 min
 Lab File: VX003439.D
 Acq: 18 Jul 2018 11:05

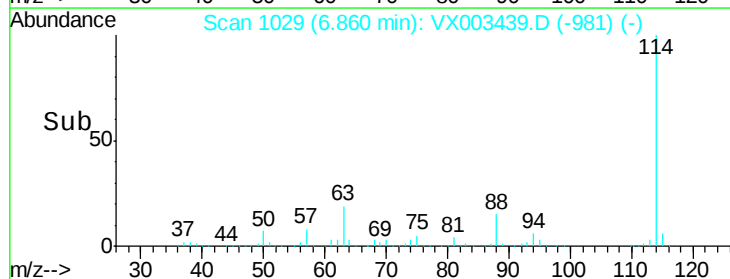
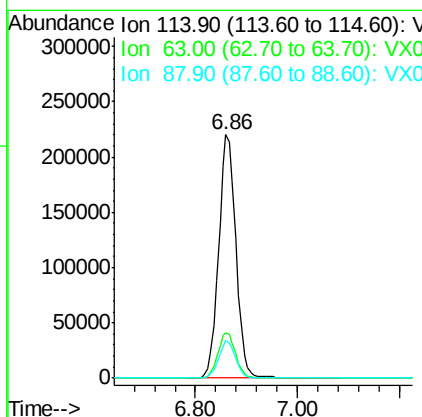
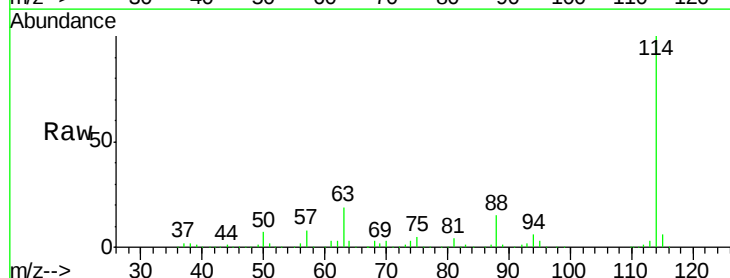
Instrument :
 MSVOA_X
 ClientSampleId :

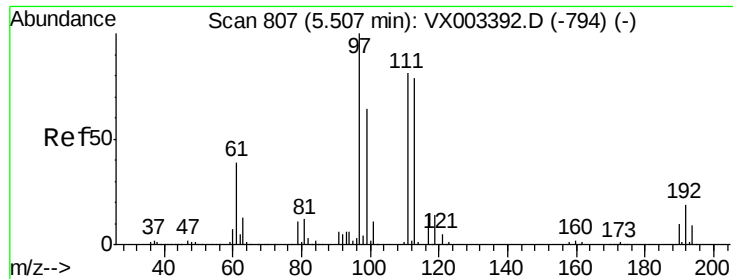
Tot Ion: 65 Resp: 209321
 Ion Ratio Lower Upper
 65 100
 67 54.0 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.86 min Scan# 1029
 Delta R.T. -0.01 min
 Lab File: VX003439.D
 Acq: 18 Jul 2018 11:05

Tgt Ion: 114 Resp: 516098
 Ion Ratio Lower Upper
 114 100
 63 18.8 0.0 41.4
 88 15.2 0.0 30.0

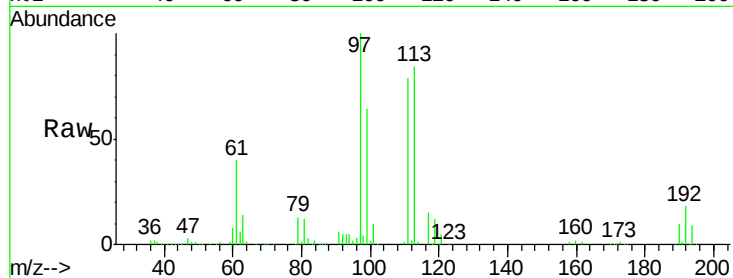




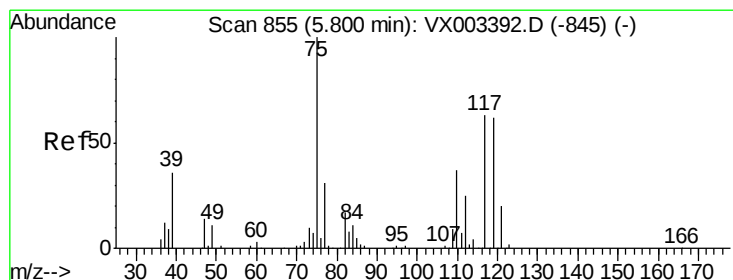
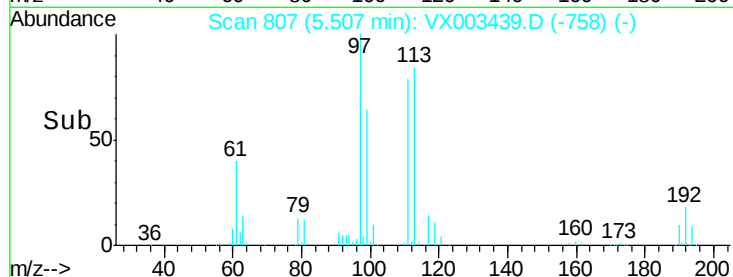
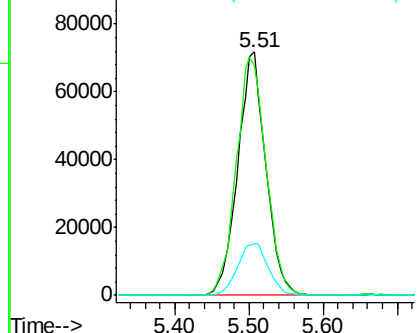
#35
 Dibromofluoromethane
 Concen: 45.46 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. -0.00 min
 Lab File: VX003439.D
 Acq: 18 Jul 2018 11:05

Instrument :
 MSVOA_X
 ClientSampled :

Tot Ion:113 Resp: 189847
 Ion Ratio Lower Upper
 113 100
 111 104.1 81.4 122.0
 192 23.6 19.1 28.7

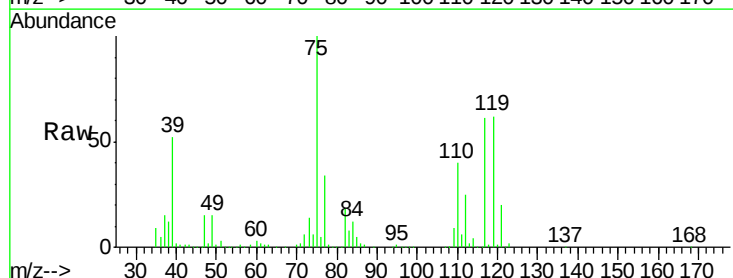


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

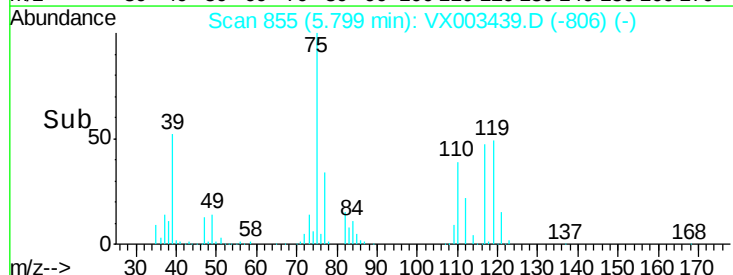
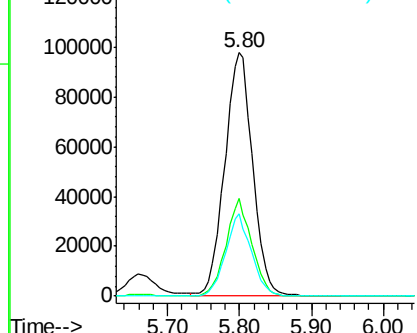


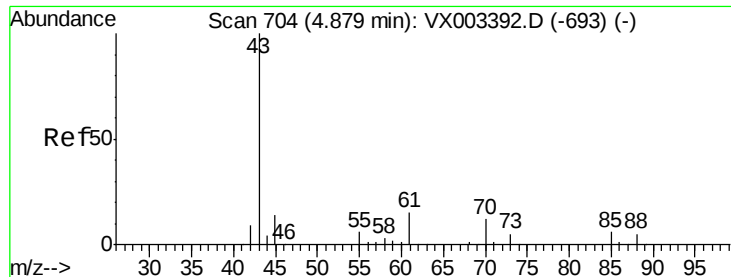
#36
 1,1-Dichloropropene
 Concen: 50.24 ug/l
 RT: 5.80 min Scan# 855
 Delta R.T. -0.00 min
 Lab File: VX003439.D
 Acq: 18 Jul 2018 11:05

Tgt Ion: 75 Resp: 262556
 Ion Ratio Lower Upper
 75 100
 110 37.3 18.1 54.4
 77 30.9 24.3 36.5



Abundance Ion 74.90 (74.60 to 75.60): VX0
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VX0

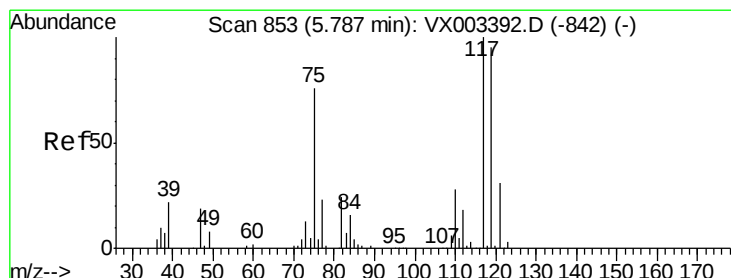
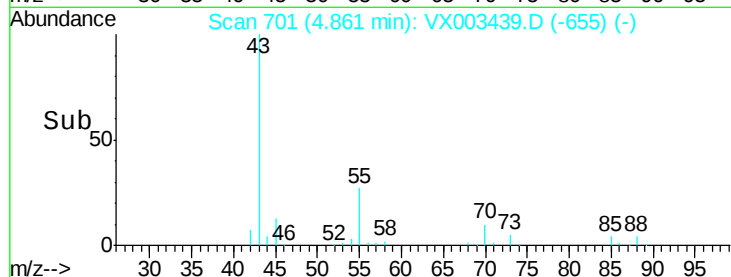
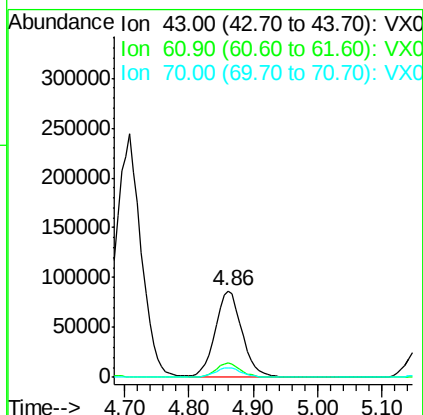
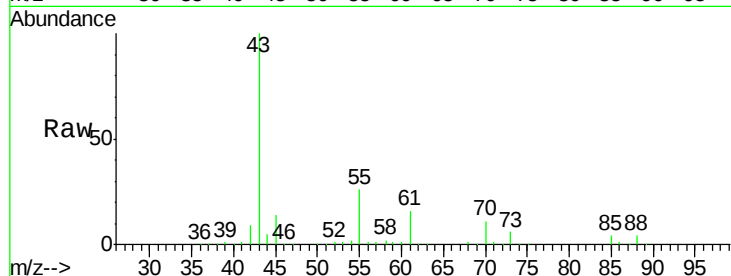




#37
Ethyl Acetate
Concen: 43.14 ug/l
RT: 4.86 min Scan# 701
Delta R.T. -0.02 min
Lab File: VX003439.D
Acq: 18 Jul 2018 11:05

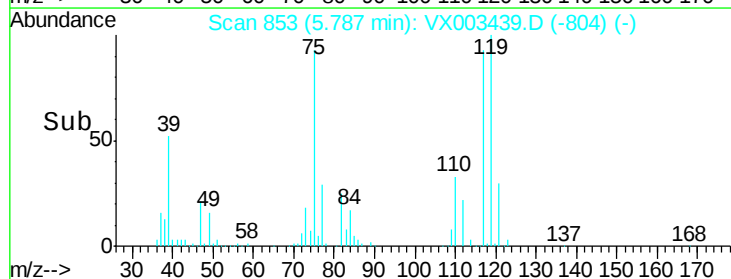
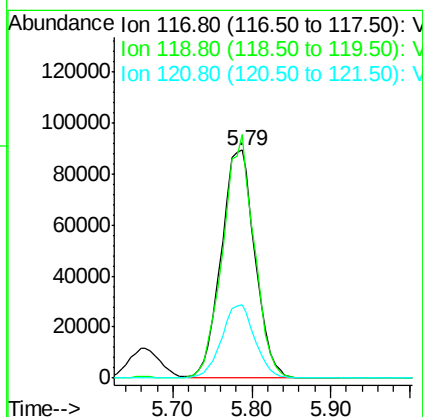
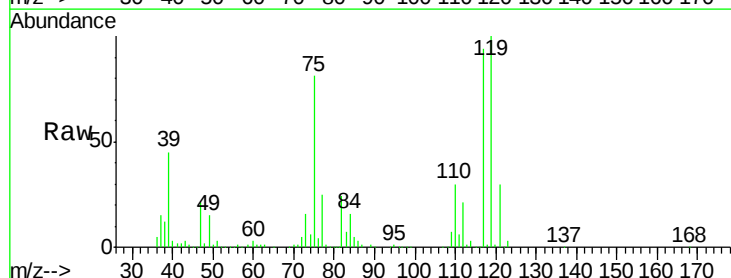
Instrument :
MSVOA_X
ClientSampleId :

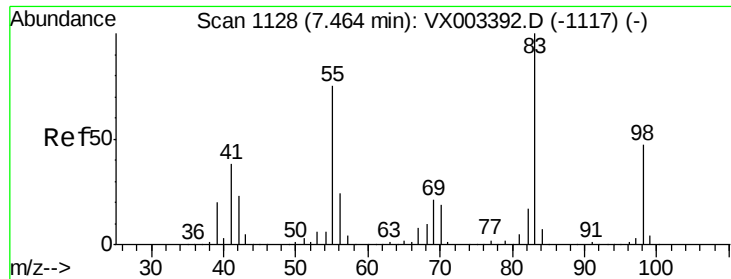
Tot Ion: 43 Resp: 254092
Ion Ratio Lower Upper
43 100
61 15.2 10.4 15.6
70 11.2 7.6 11.4



#38
Carbon Tetrachloride
Concen: 50.12 ug/l
RT: 5.79 min Scan# 853
Delta R.T. -0.00 min
Lab File: VX003439.D
Acq: 18 Jul 2018 11:05

Tgt Ion: 117 Resp: 266568
Ion Ratio Lower Upper
117 100
119 106.7 77.4 116.0
121 32.3 24.4 36.6

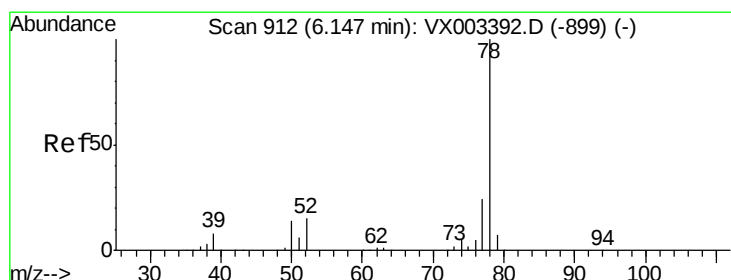
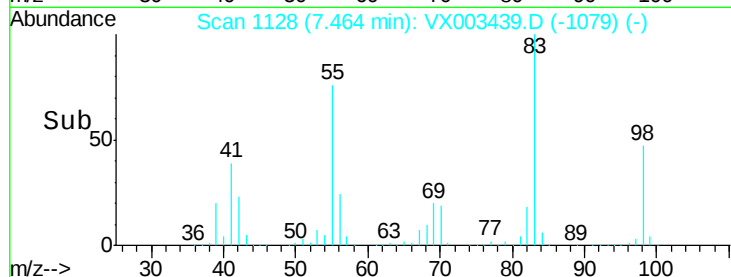
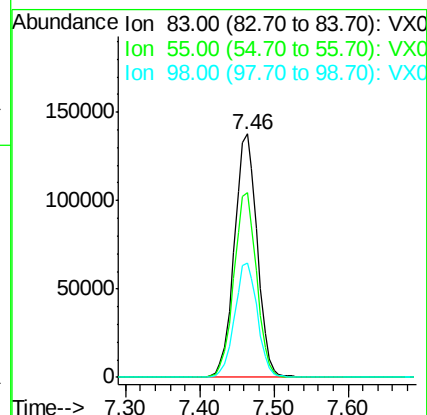
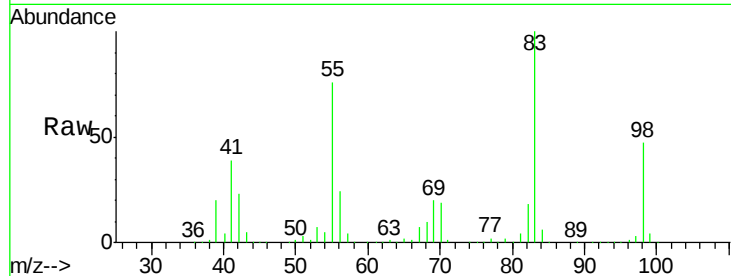




#39
Methvlcvclohexane
Concen: 49.55 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VX003439.D
Acq: 18 Jul 2018 11:05

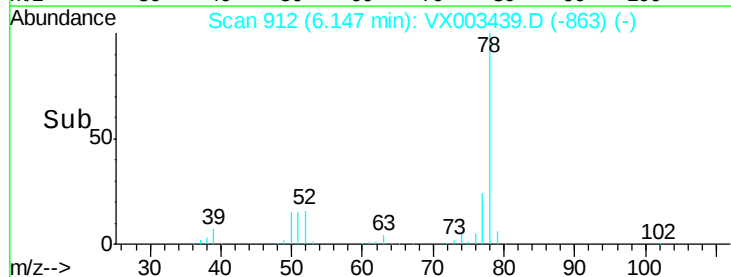
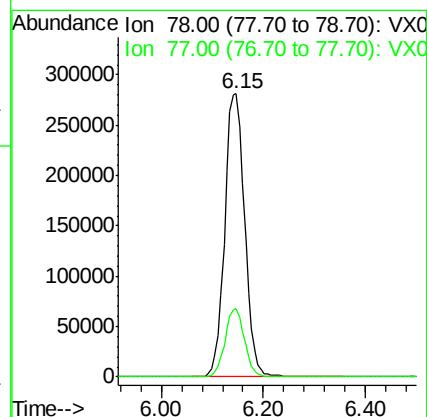
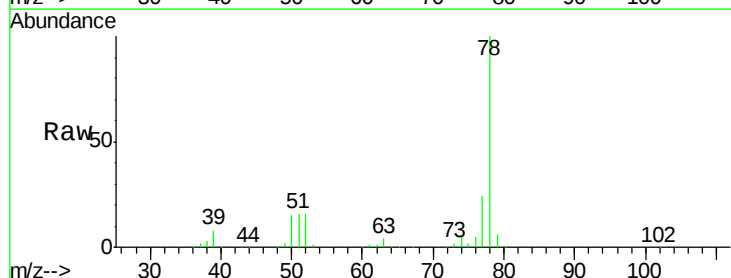
Instrument :
MSVOA_X
ClientSampleId :

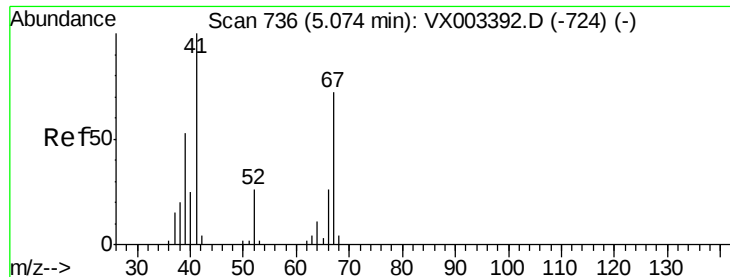
Tot Ion	83.00	Resp	296456
Ion	Ratio	Lower	Upper
83	100		
55	75.9	65.4	98.0
98	47.2	37.4	56.0



#40
Benzene
Concen: 47.98 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.00 min
Lab File: VX003439.D
Acq: 18 Jul 2018 11:05

Tgt Ion	78	Resp	762972
Ion	Ratio	Lower	Upper
78	100		
77	24.1	19.1	28.7

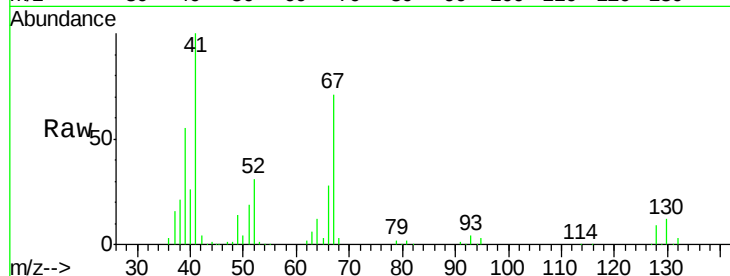




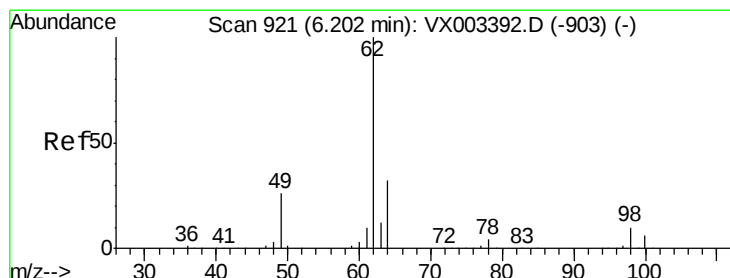
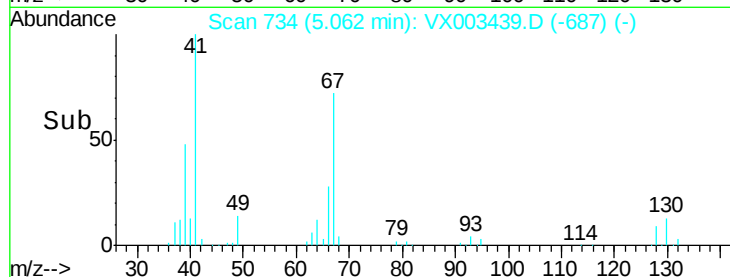
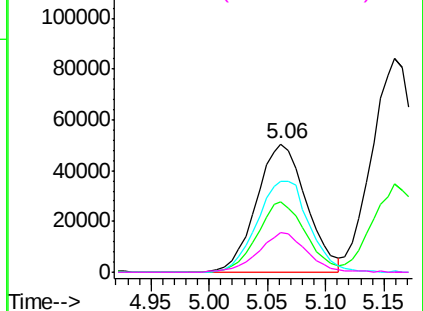
#41
Methacrylonitrile
Concen: 46.19 ug/l
RT: 5.06 min Scan# 734
Delta R.T. -0.01 min
Lab File: VX003439.D
Acq: 18 Jul 2018 11:05

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:	41	Resp:	149597
Ion	Ratio	Lower	Upper
41	100		
39	53.3	45.8	68.6
67	74.3	51.3	76.9
52	30.3	23.0	34.6

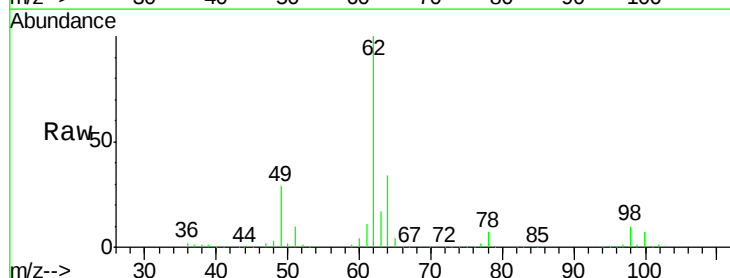


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

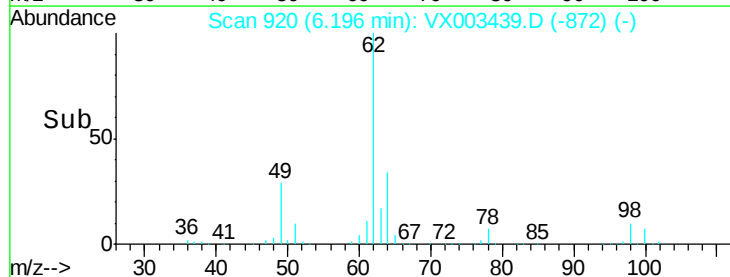
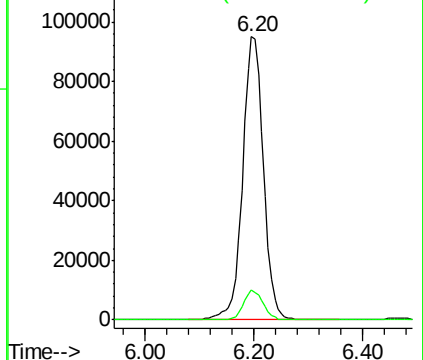


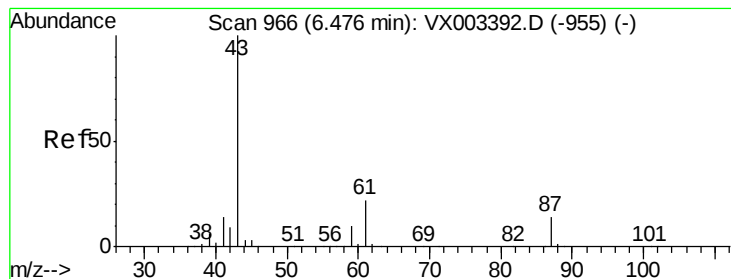
#42
1,2-Dichloroethane
Concen: 46.12 ug/l
RT: 6.20 min Scan# 920
Delta R.T. -0.01 min
Lab File: VX003439.D
Acq: 18 Jul 2018 11:05

Tgt Ion:	62	Resp:	251477
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



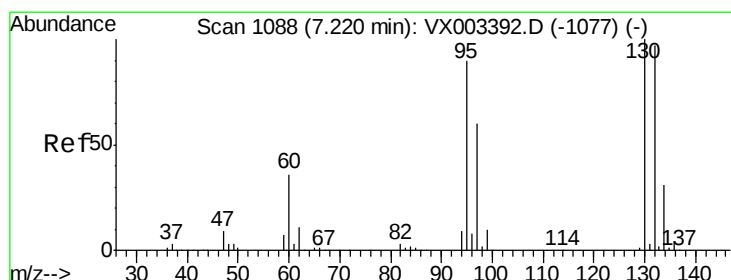
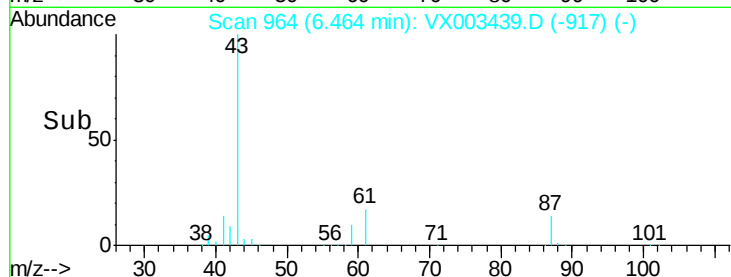
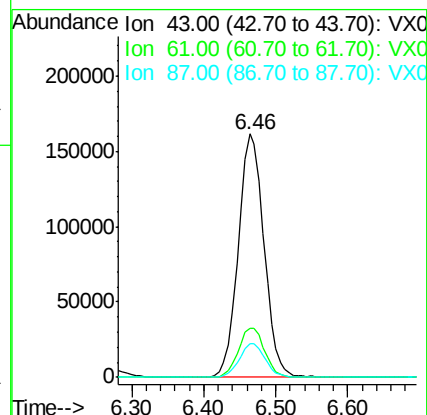
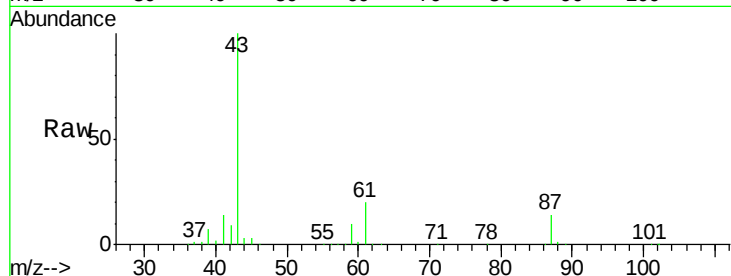


#43

Isopropyl Acetate
 Concen: 44.97 ug/l
 RT: 6.46 min Scan# 964
 Delta R.T. -0.01 min
 Lab File: VX003439.D
 Acq: 18 Jul 2018 11:05

Instrument :
 MSVOA_X
 ClientSampleId :

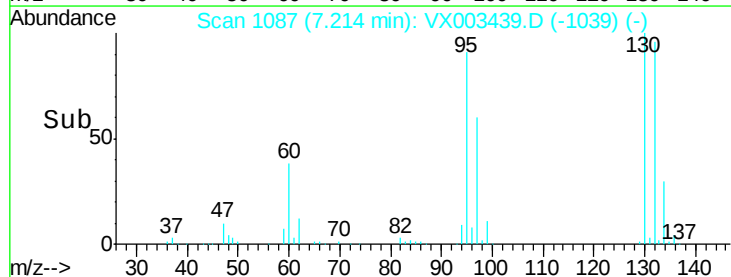
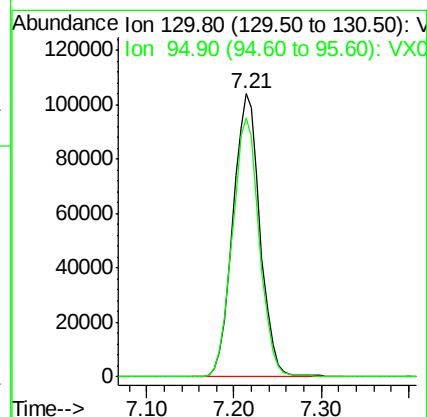
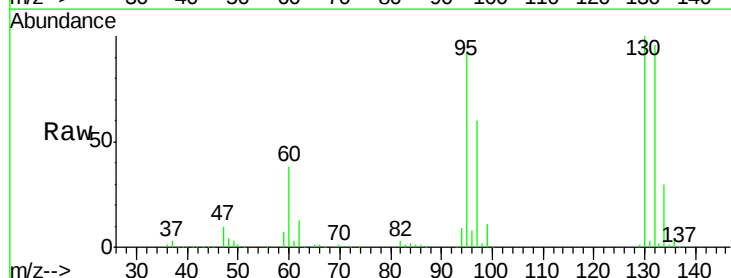
Tot Ion: 43 Resp: 399731
 Ion Ratio Lower Upper
 43 100
 61 20.7 14.4 21.6
 87 14.0 9.5 14.3

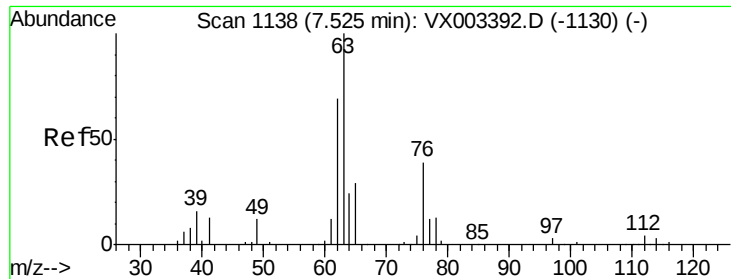


#44

Trichloroethene
 Concen: 48.62 ug/l
 RT: 7.21 min Scan# 1087
 Delta R.T. -0.01 min
 Lab File: VX003439.D
 Acq: 18 Jul 2018 11:05

Tgt Ion: 130 Resp: 223944
 Ion Ratio Lower Upper
 130 100
 95 91.5 0.0 185.4

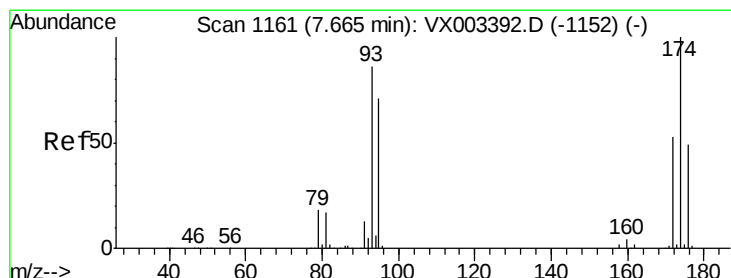
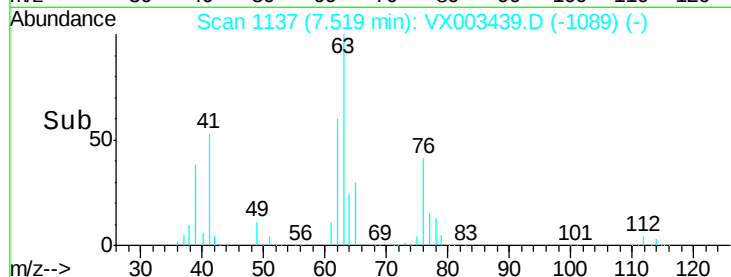
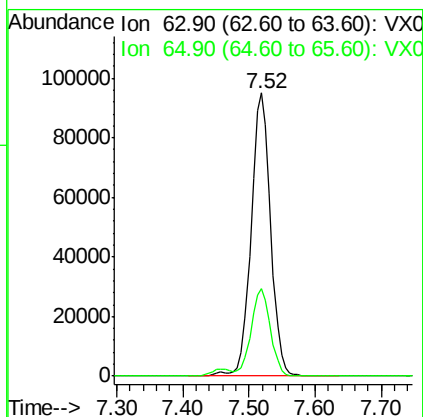
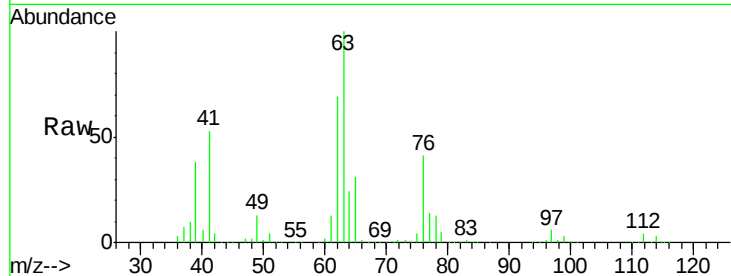




#45
 1,2-Dichloropropane
 Concen: 47.46 ug/l
 RT: 7.52 min Scan# 1137
 Delta R.T. -0.01 min
 Lab File: VX003439.D
 Acq: 18 Jul 2018 11:05

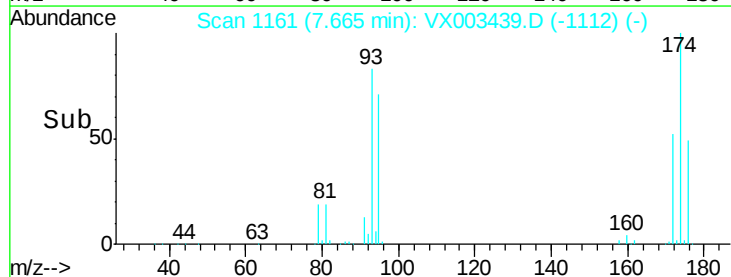
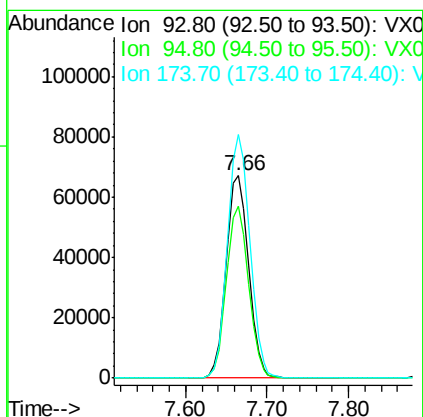
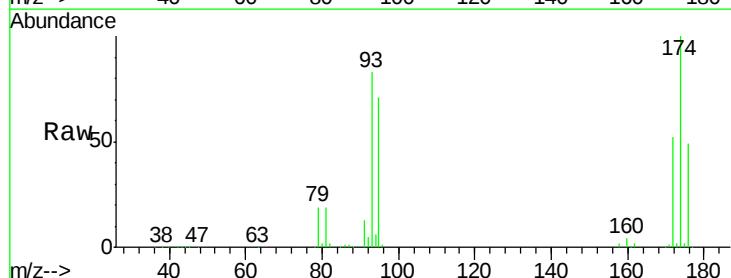
Instrument :
 MSVOA_X
 ClientSampled :

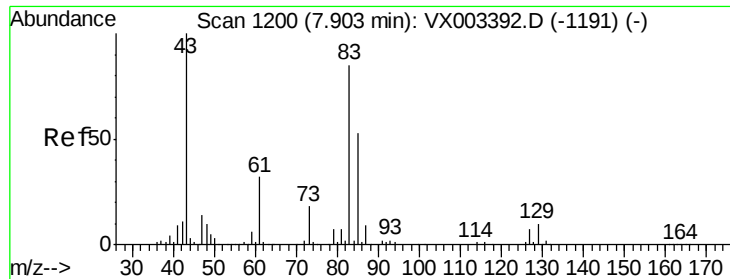
Tot Ion: 63 Resp: 196294
 Ion Ratio Lower Upper
 63 100
 65 30.8 24.7 37.1



#46
 Dibromomethane
 Concen: 46.31 ug/l
 RT: 7.66 min Scan# 1161
 Delta R.T. -0.00 min
 Lab File: VX003439.D
 Acq: 18 Jul 2018 11:05

Tgt Ion: 93 Resp: 127540
 Ion Ratio Lower Upper
 93 100
 95 84.2 65.9 98.9
 174 119.7 92.4 138.6





#47

Bromodichloromethane

Concen: 48.59 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.00 min

Lab File: VX003439.D

Acq: 18 Jul 2018 11:05

Instrument :
MSVOA_X
ClientSampleId :

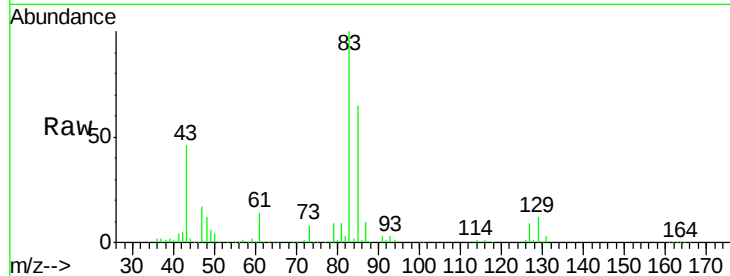
Tot Ion: 83 Resp: 245090

Ion Ratio Lower Upper

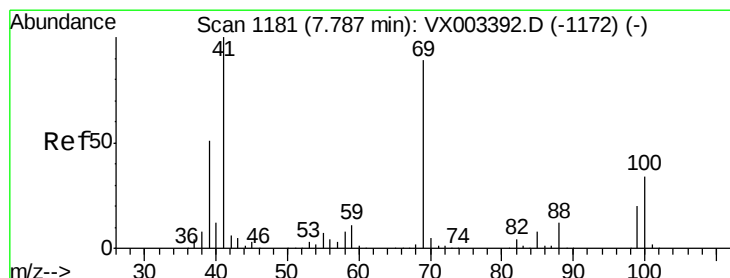
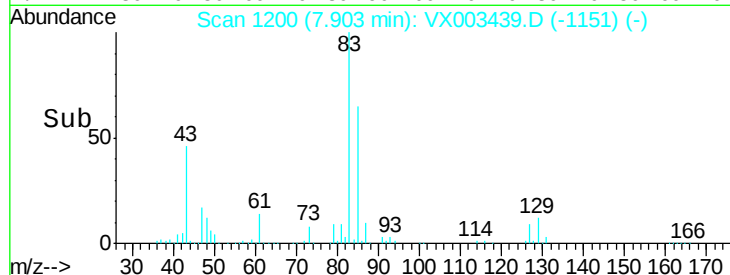
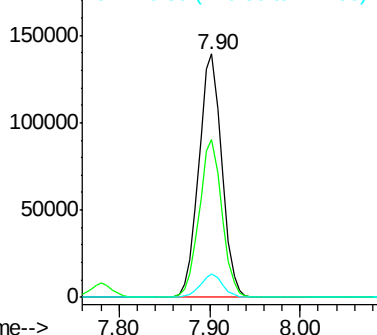
83 100

85 64.8 50.3 75.5

127 9.4 7.0 10.4



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



#48

Methyl methacrylate

Concen: 46.67 ug/l

RT: 7.78 min Scan# 1180

Delta R.T. -0.01 min

Lab File: VX003439.D

Acq: 18 Jul 2018 11:05

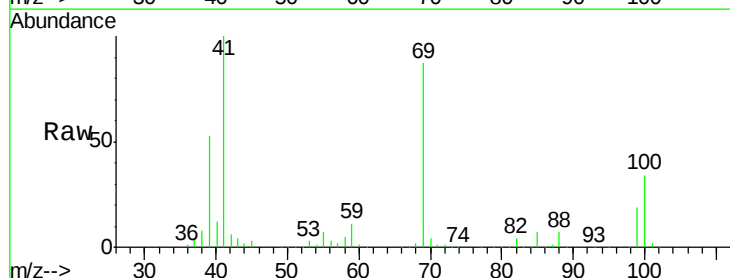
Tgt Ion: 41 Resp: 211628

Ion Ratio Lower Upper

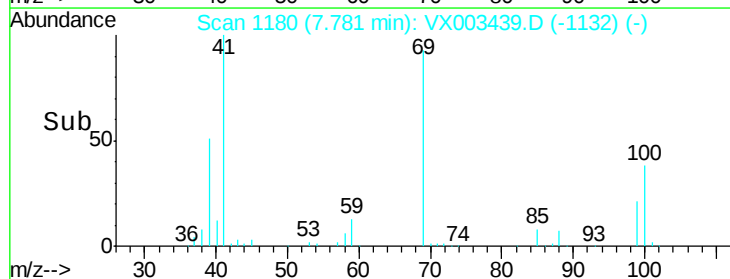
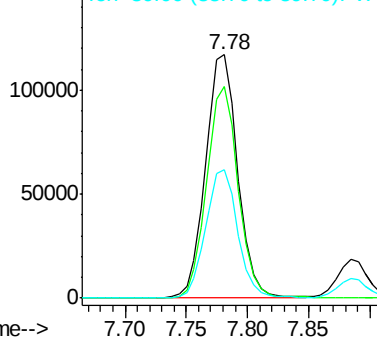
41 100

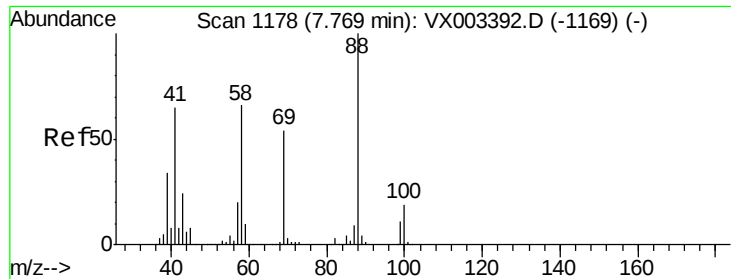
69 86.4 59.1 88.7

39 52.9 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

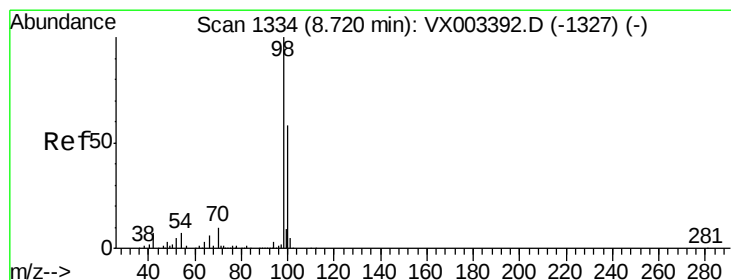
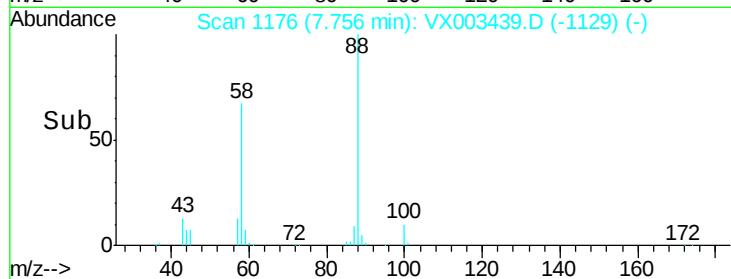
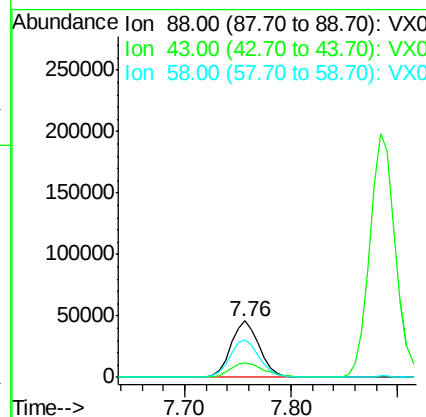
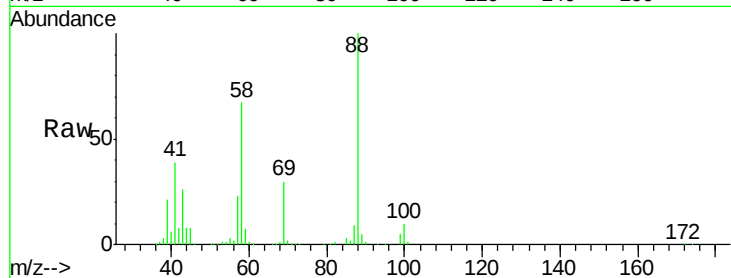




#49
1,4-Dioxane
Concen: 831.20 ug/l
RT: 7.76 min Scan# 1176
Delta R.T. -0.01 min
Lab File: VX003439.D
Acq: 18 Jul 2018 11:05

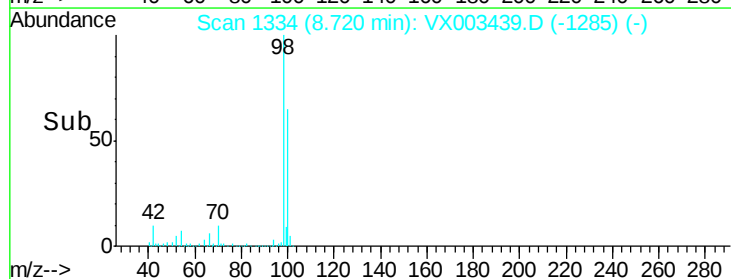
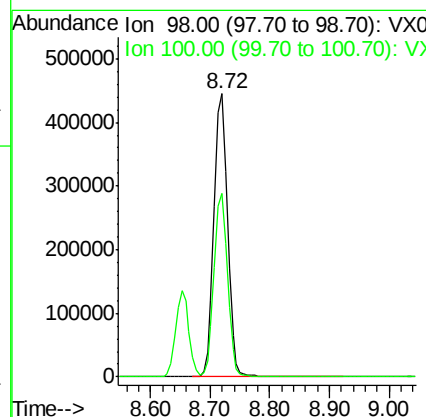
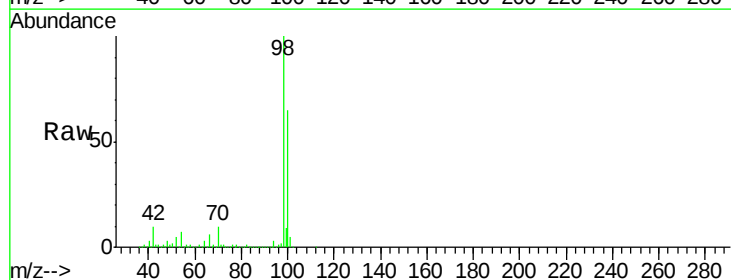
Instrument :
MSVOA_X
ClientSampled :

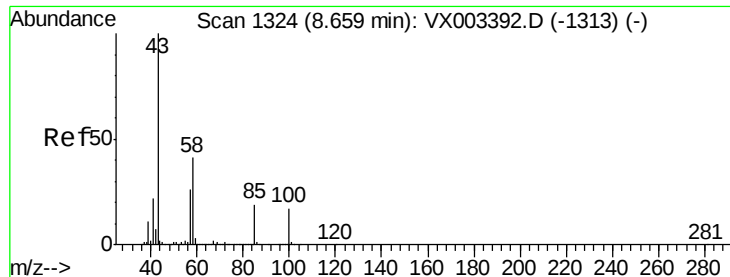
Tot Ion: 88 Resp: 86301
Ion Ratio Lower Upper
88 100
43 30.9 29.8 44.6
58 69.6 57.1 85.7



#50
Toluene-d8
Concen: 45.13 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX003439.D
Acq: 18 Jul 2018 11:05

Tgt Ion: 98 Resp: 695530
Ion Ratio Lower Upper
98 100
100 64.7 50.9 76.3





#51

4-Methyl-2-Pentanone

Concen: 224.07 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. -0.01 min

Lab File: VX003439.D

Acq: 18 Jul 2018 11:05

Instrument :

MSVOA_X

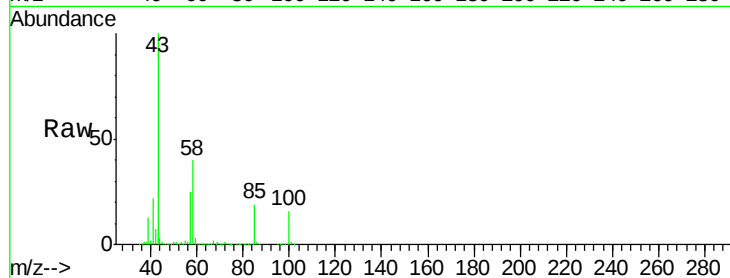
ClientSampleId :

Tot Ion: 43 Resp: 1311036

Ion Ratio Lower Upper

43 100

58 39.9 28.6 42.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.65

800000

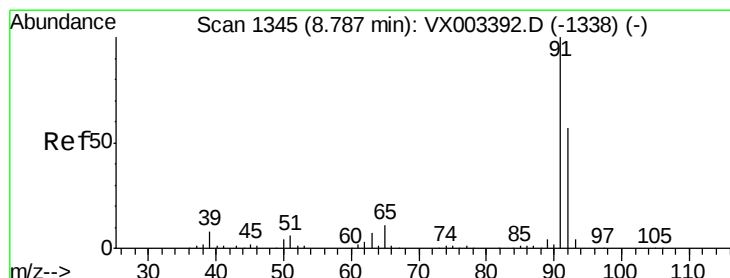
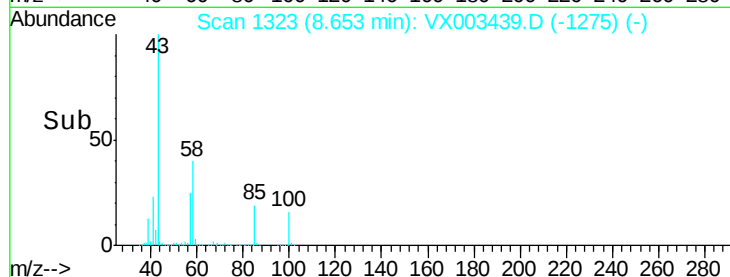
600000

400000

200000

0

Time-->



#52

Toluene

Concen: 48.10 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.00 min

Lab File: VX003439.D

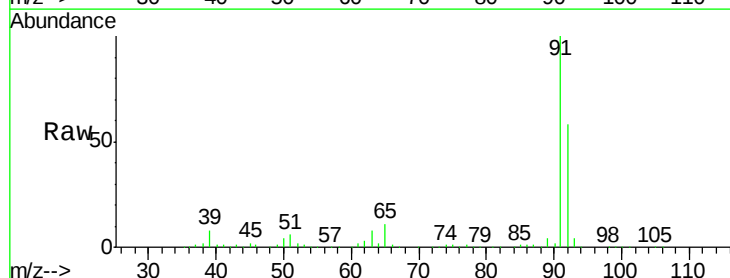
Acq: 18 Jul 2018 11:05

Tgt Ion: 92 Resp: 478837

Ion Ratio Lower Upper

92 100

91 174.6 140.4 210.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

8.79

600000

500000

400000

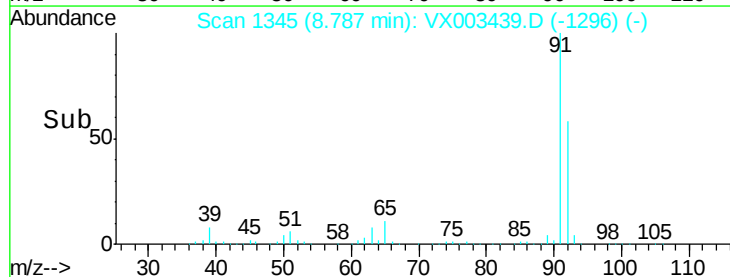
300000

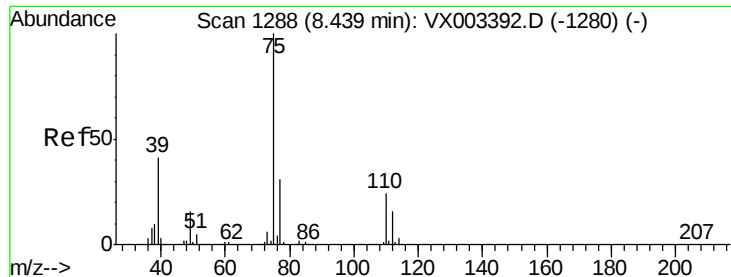
200000

100000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 51.13 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. -0.00 min

Lab File: VX003439.D

Acq: 18 Jul 2018 11:05

Instrument :

MSVOA_X

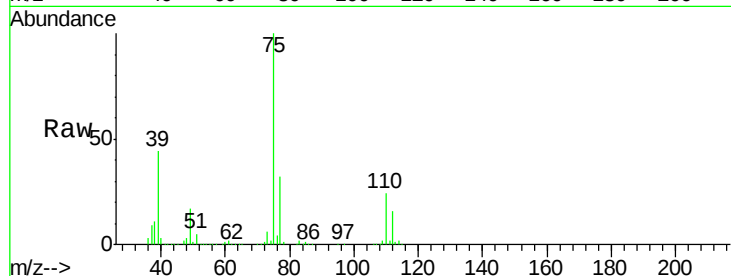
ClientSampleId :

Tot Ion: 75 Resp: 304491

Ion Ratio Lower Upper

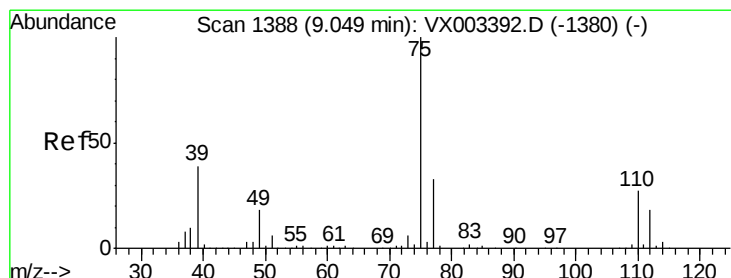
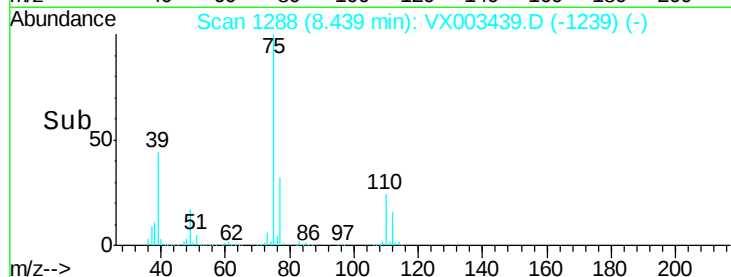
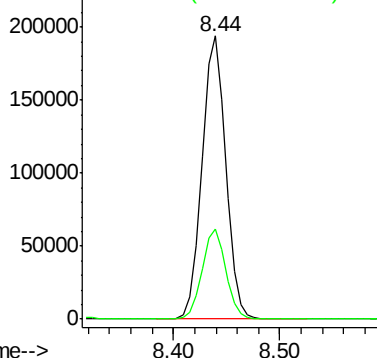
75 100

77 31.8 25.4 38.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 50.95 ug/l

RT: 9.04 min Scan# 1387

Delta R.T. -0.01 min

Lab File: VX003439.D

Acq: 18 Jul 2018 11:05

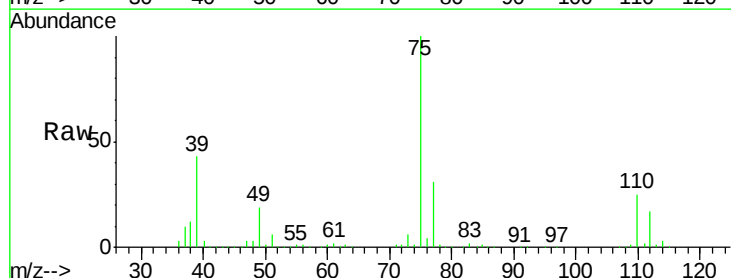
Tgt Ion: 75 Resp: 276920

Ion Ratio Lower Upper

75 100

77 31.2 24.8 37.2

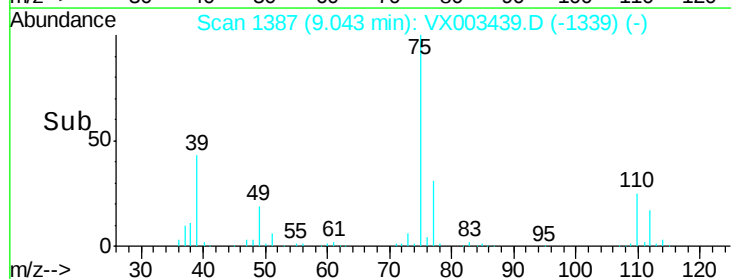
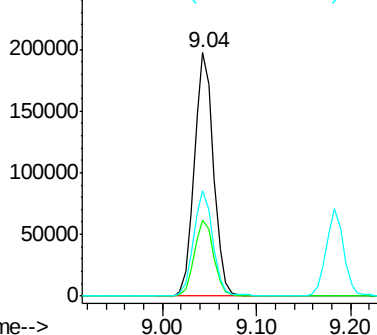
39 43.1 42.4 63.6

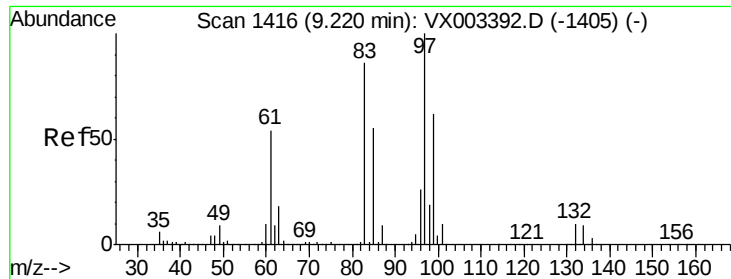


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0





#55

1,1,2-Trichloroethane

Concen: 47.32 ug/l

RT: 9.22 min Scan# 1416

Delta R.T. -0.00 min

Lab File: VX003439.D

Acq: 18 Jul 2018 11:05

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 97 Resp: 196814

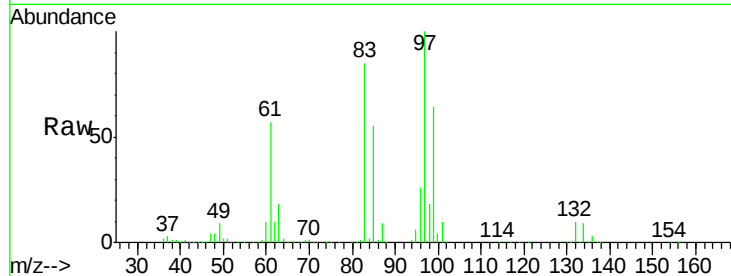
Ion Ratio Lower Upper

97 100

83 85.1 70.2 105.2

85 55.1 44.9 67.3

99 64.2 49.8 74.8

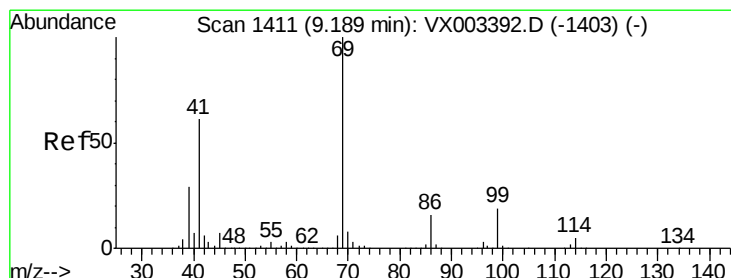
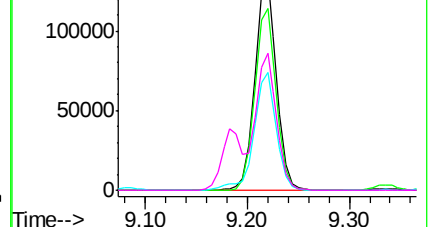
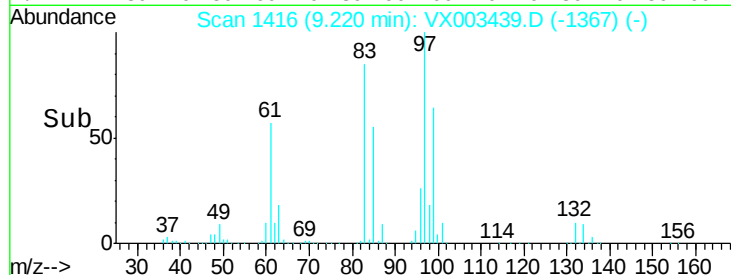


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 48.84 ug/l

RT: 9.18 min Scan# 1410

Delta R.T. -0.01 min

Lab File: VX003439.D

Acq: 18 Jul 2018 11:05

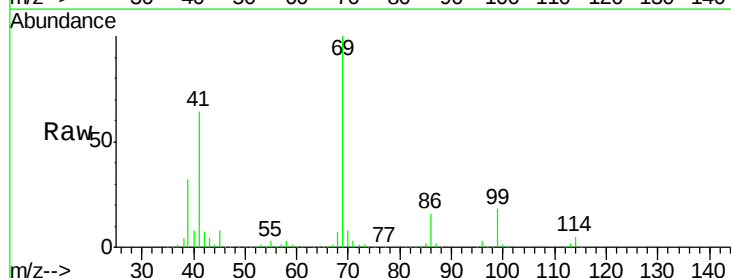
Tgt Ion: 69 Resp: 287633

Ion Ratio Lower Upper

69 100

41 63.5 60.3 90.5

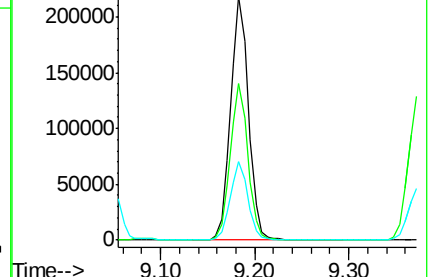
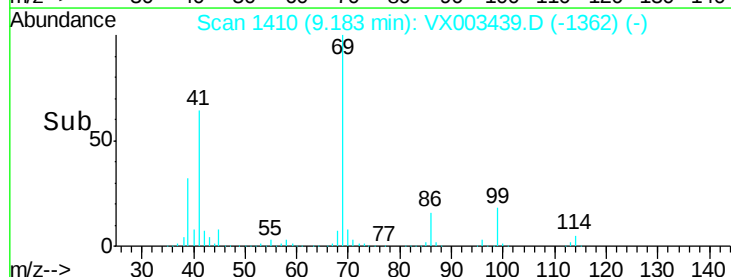
39 31.8 35.8 53.8#

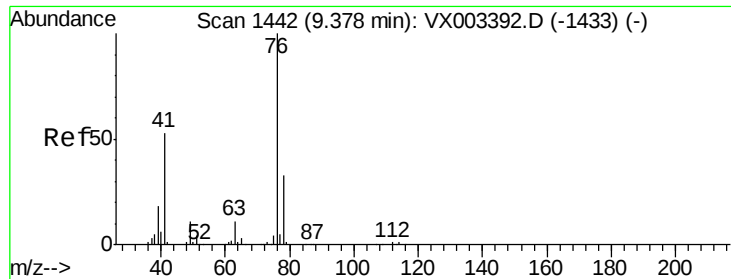


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

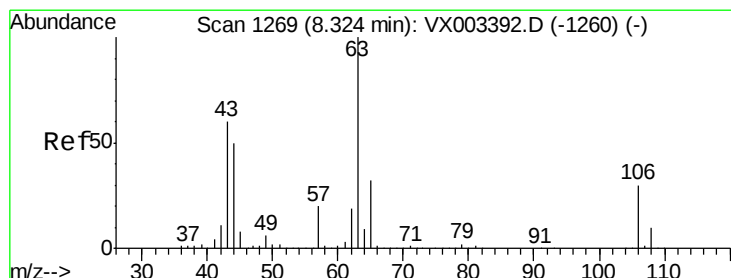
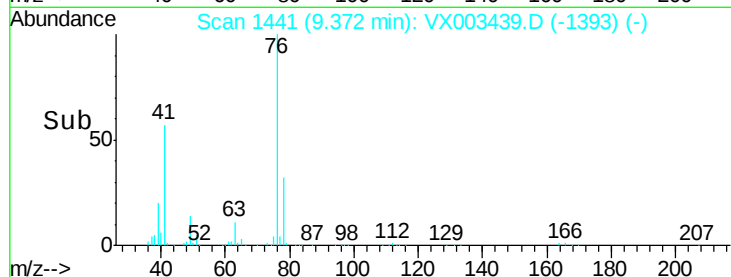
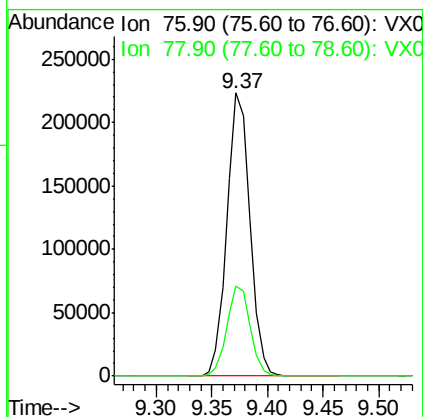
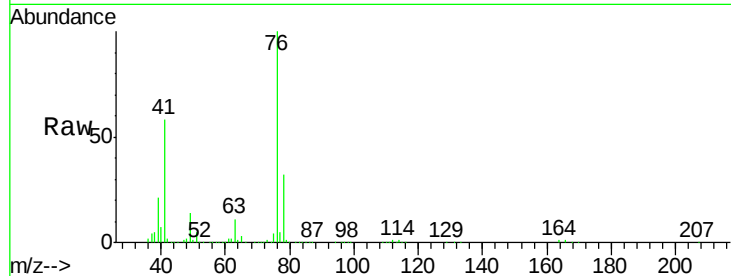




#57
 1,3-Dichloropropane
 Concen: 47.94 ug/l
 RT: 9.37 min Scan# 1441
 Delta R.T. -0.01 min
 Lab File: VX003439.D
 Acq: 18 Jul 2018 11:05

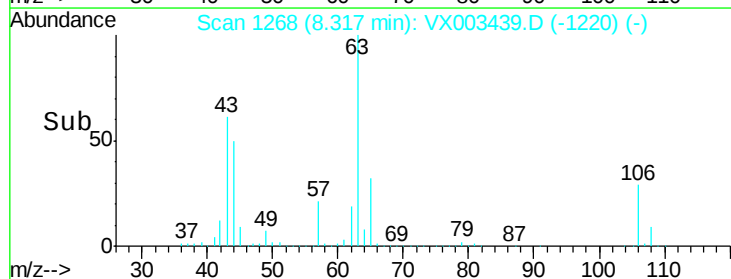
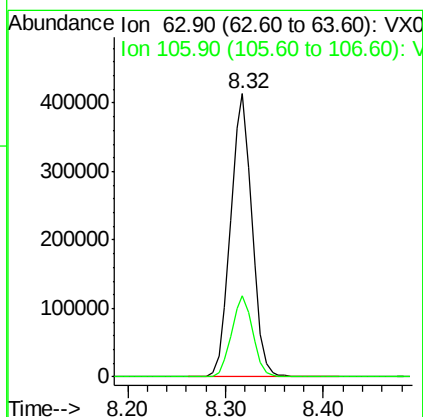
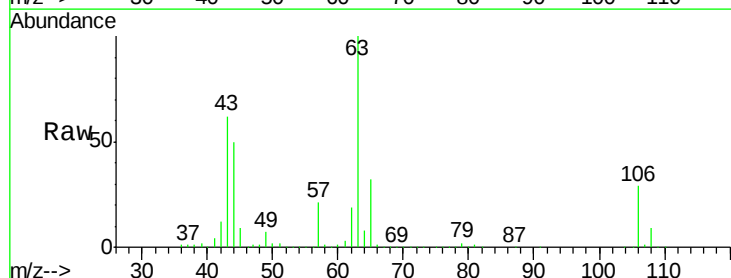
Instrument :
 MSVOA_X
 ClientSampled :

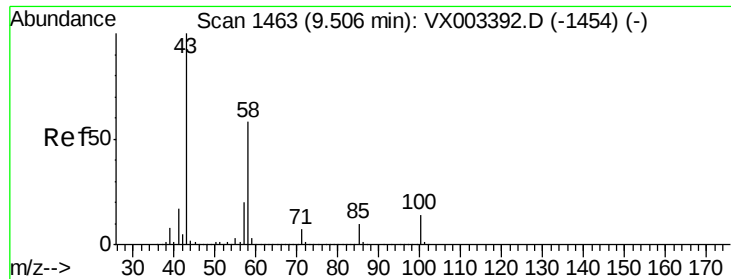
Tot Ion: 76 Resp: 320400
 Ion Ratio Lower Upper
 76 100
 78 32.3 25.8 38.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 212.10 ug/l
 RT: 8.32 min Scan# 1268
 Delta R.T. -0.01 min
 Lab File: VX003439.D
 Acq: 18 Jul 2018 11:05

Tgt Ion: 63 Resp: 626391
 Ion Ratio Lower Upper
 63 100
 106 28.5 21.8 32.8

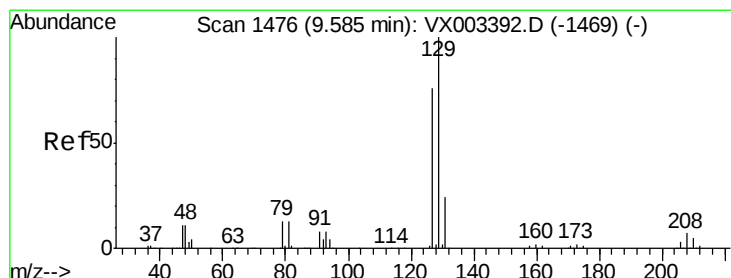
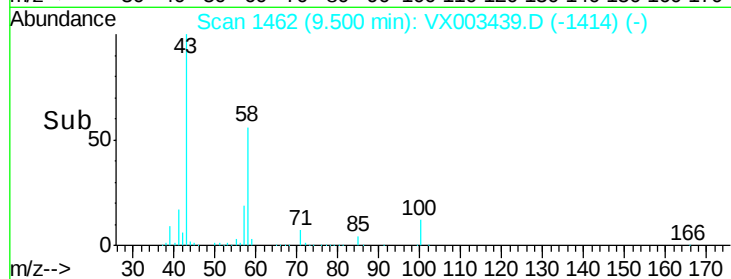
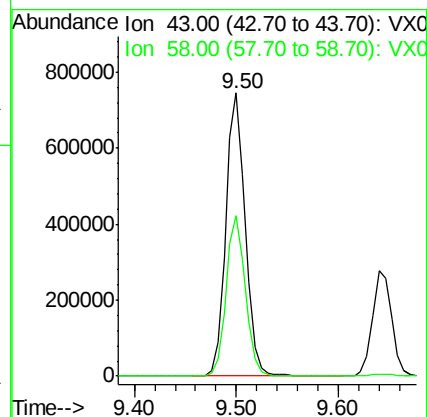
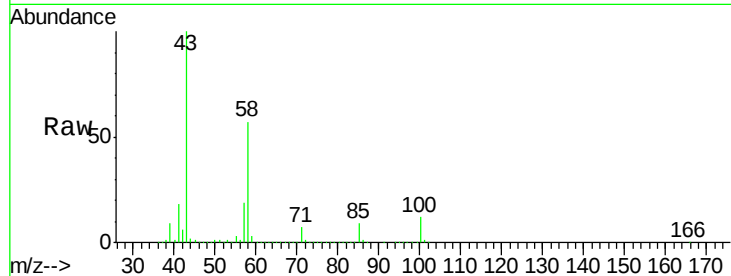




#59
2-Hexanone
Concen: 219.66 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. -0.01 min
Lab File: VX003439.D
Acq: 18 Jul 2018 11:05

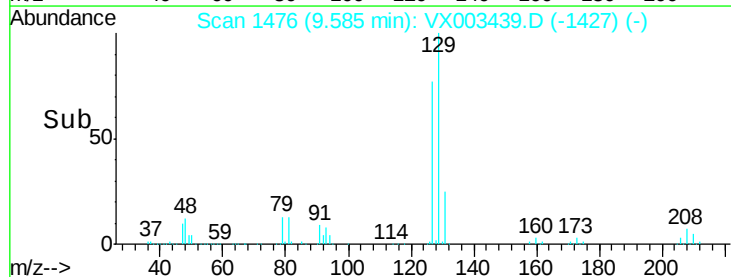
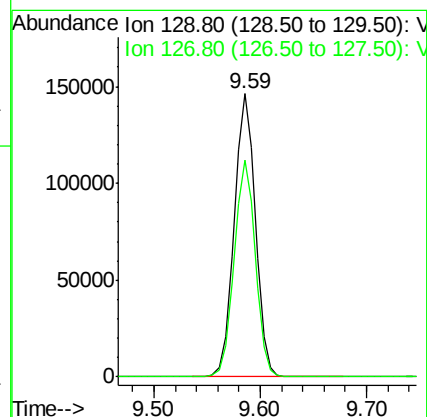
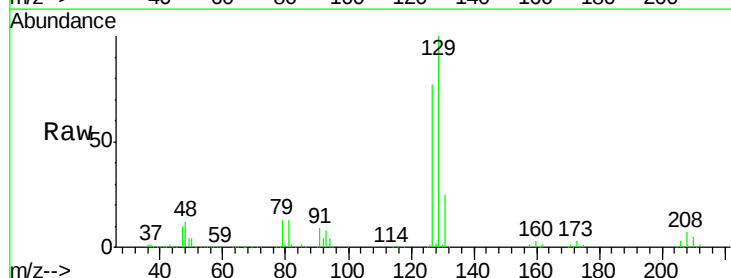
Instrument :
MSVOA_X
ClientSampleId :

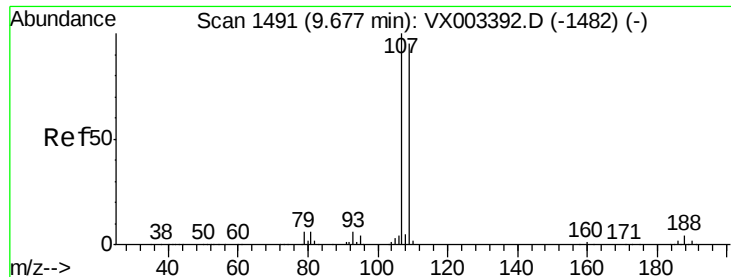
Tot Ion: 43 Resp: 987489
Ion Ratio Lower Upper
43 100
58 56.2 24.6 73.6



#60
Dibromochloromethane
Concen: 49.61 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. -0.00 min
Lab File: VX003439.D
Acq: 18 Jul 2018 11:05

Tgt Ion: 129 Resp: 205021
Ion Ratio Lower Upper
129 100
127 76.4 38.5 115.3





#61

1,2-Dibromoethane

Concen: 47.27 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX003439.D

Acq: 18 Jul 2018 11:05

Instrument :

MSVOA_X

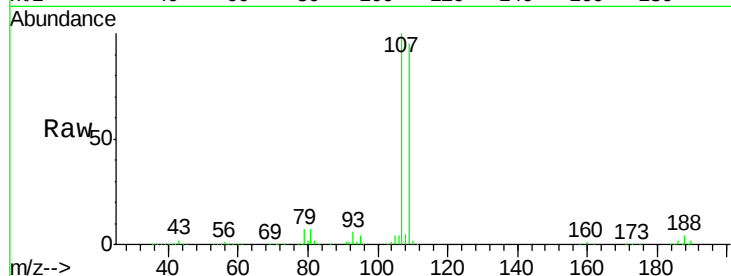
ClientSampleId :

Tot Ion:107 Resp: 202665

Ion Ratio Lower Upper

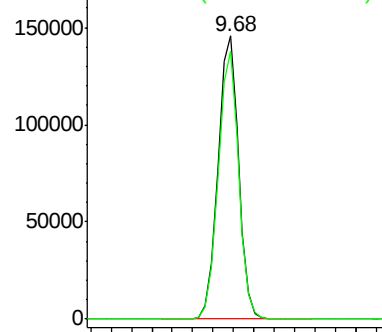
107 100

109 94.2 75.3 112.9

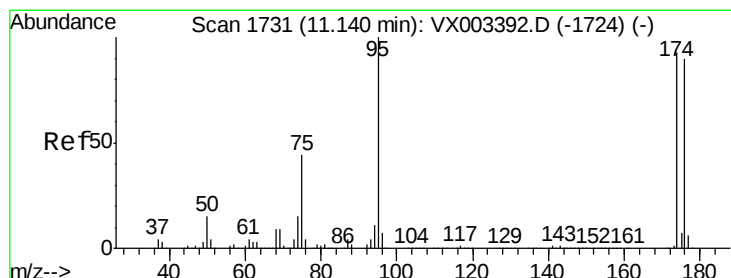
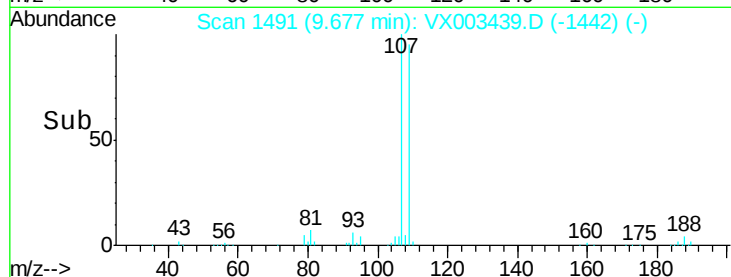


Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



Time-->



#62

4-Bromofluorobenzene

Concen: 46.88 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX003439.D

Acq: 18 Jul 2018 11:05

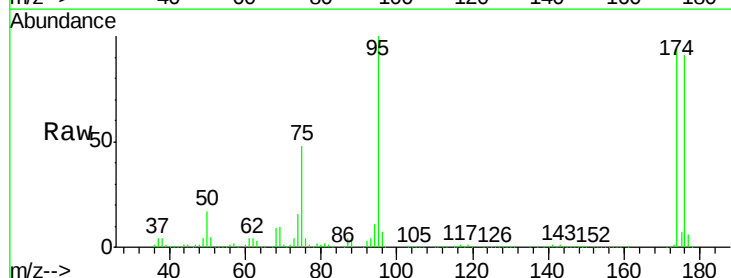
Tgt Ion: 95 Resp: 257926

Ion Ratio Lower Upper

95 100

174 94.9 0.0 187.4

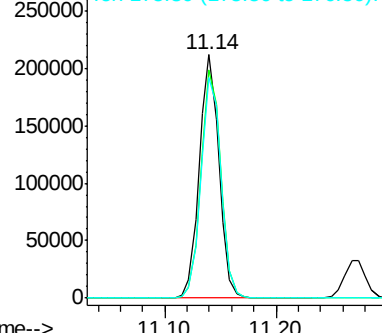
176 92.6 0.0 181.0



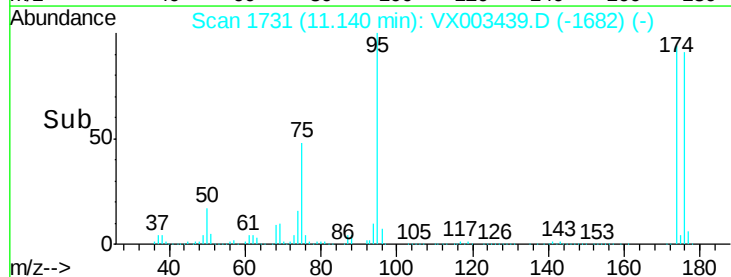
Abundance Ion 94.90 (94.60 to 95.60): VX0

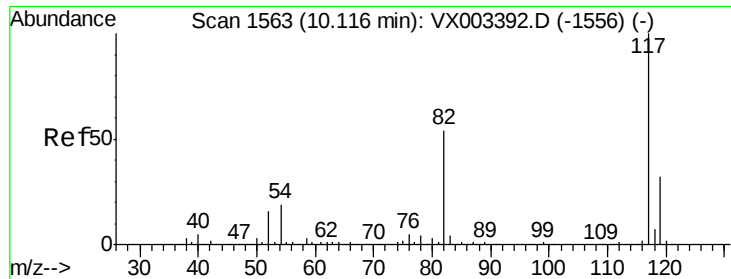
Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



Time-->

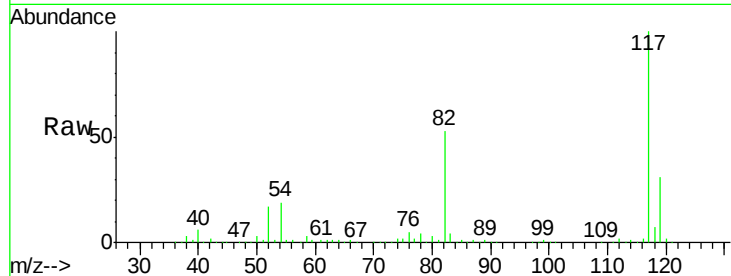




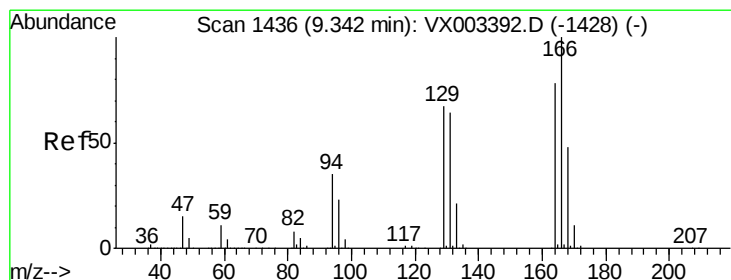
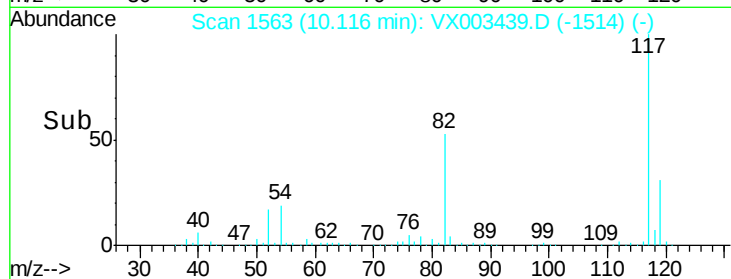
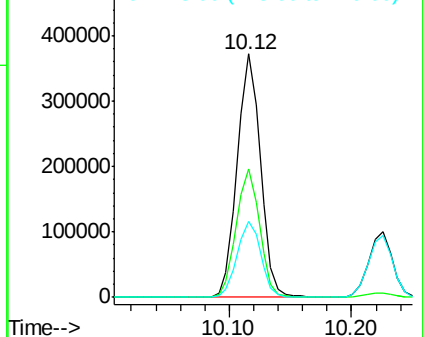
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX003439.D
Acq: 18 Jul 2018 11:05

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:117 Resp: 488462
Ion Ratio Lower Upper
117 100
82 52.8 45.0 67.4
119 31.4 25.8 38.6

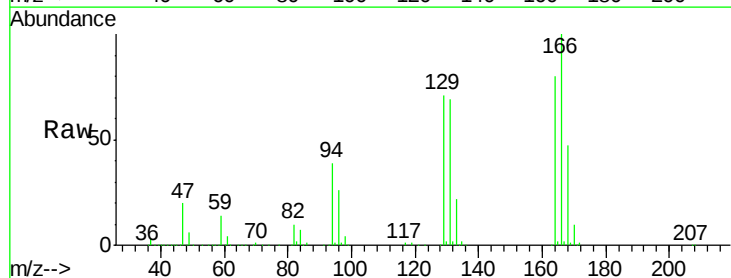


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

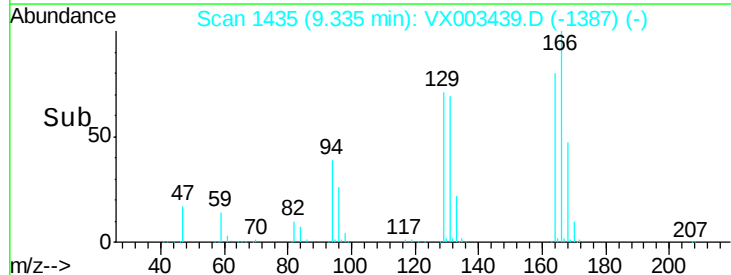
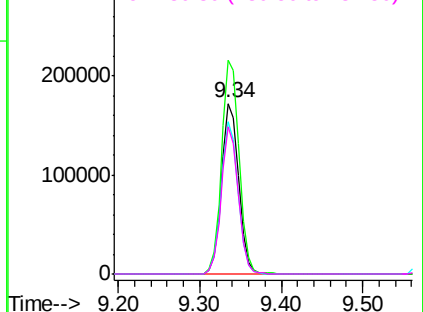


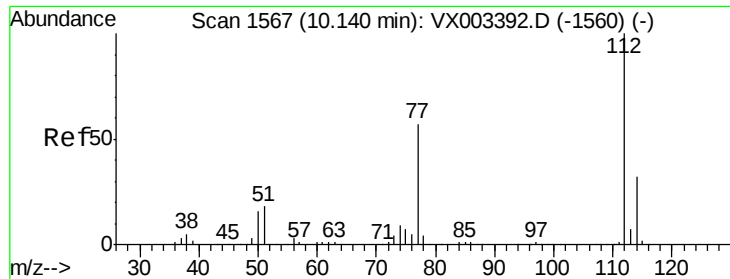
#64
Tetrachloroethene
Concen: 49.27 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. -0.01 min
Lab File: VX003439.D
Acq: 18 Jul 2018 11:05

Tgt Ion:164 Resp: 251771
Ion Ratio Lower Upper
164 100
166 125.2 102.9 154.3
129 89.0 68.6 102.8
131 86.4 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

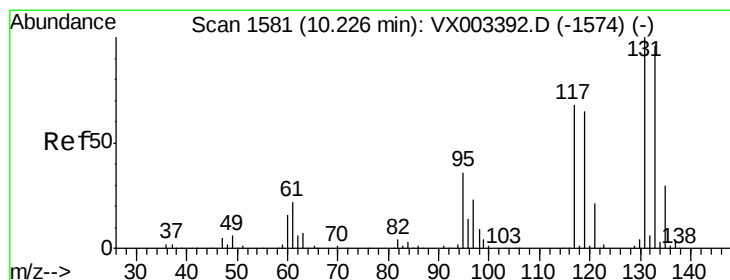
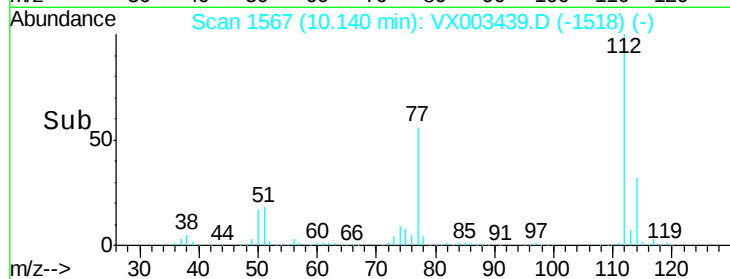
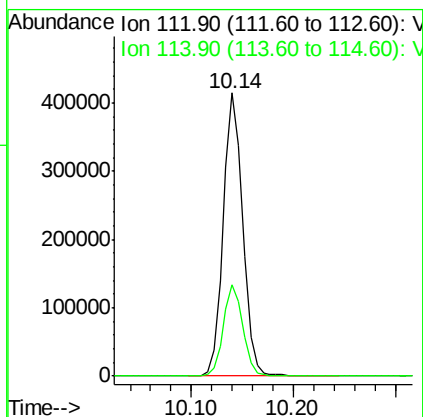
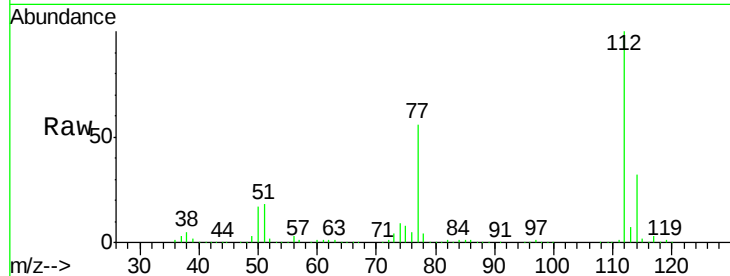




#65
Chlorobenzene
Concen: 47.81 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VX003439.D
Acq: 18 Jul 2018 11:05

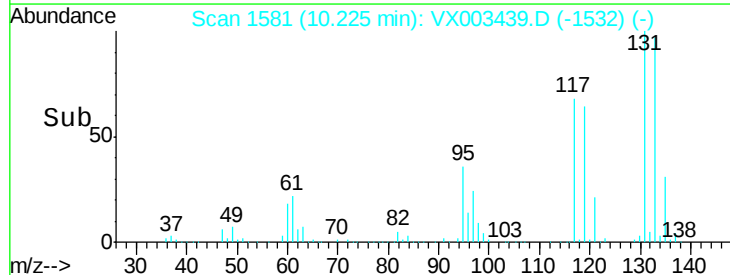
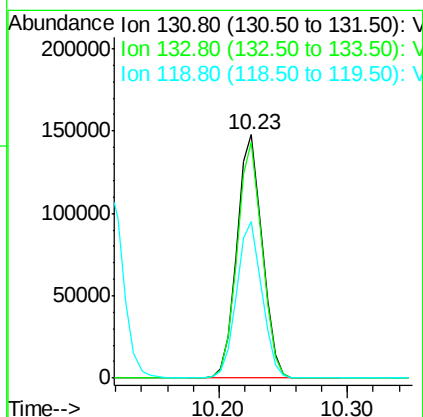
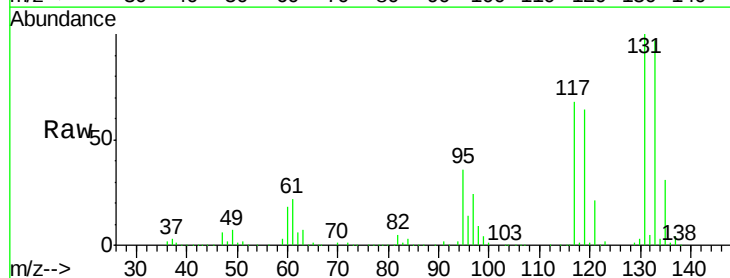
Instrument :
MSVOA_X
ClientSampleId :

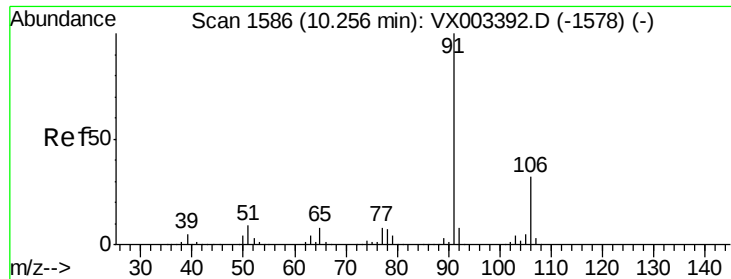
Tot Ion:112 Resp: 551651
Ion Ratio Lower Upper
112 100
114 32.3 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 49.06 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. -0.00 min
Lab File: VX003439.D
Acq: 18 Jul 2018 11:05

Tgt Ion:131 Resp: 201227
Ion Ratio Lower Upper
131 100
133 95.6 47.9 143.6
119 64.6 31.8 95.3

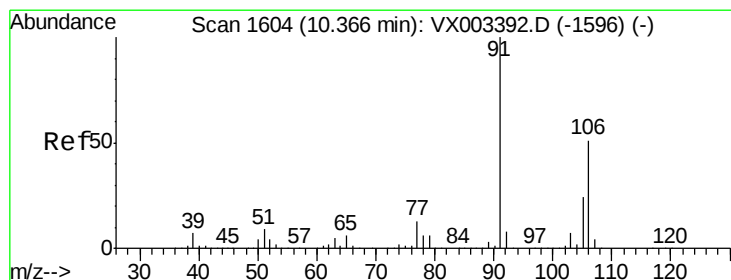
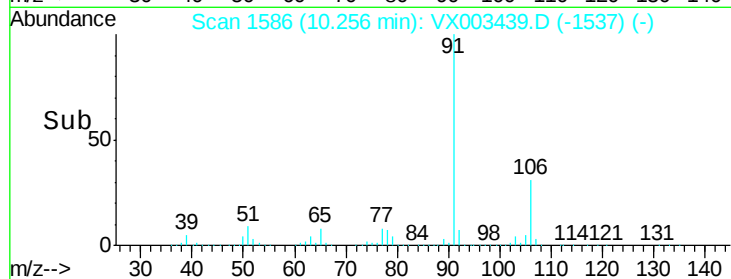
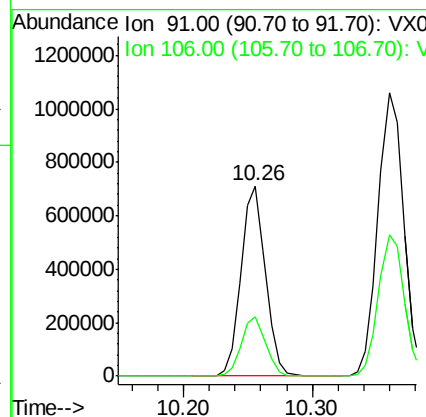
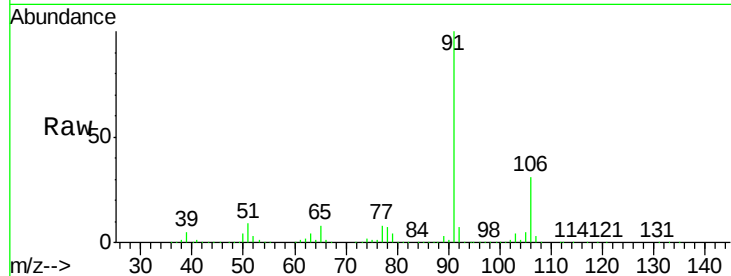




#67
Ethyl Benzene
Concen: 49.61 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.00 min
Lab File: VX003439.D
Acq: 18 Jul 2018 11:05

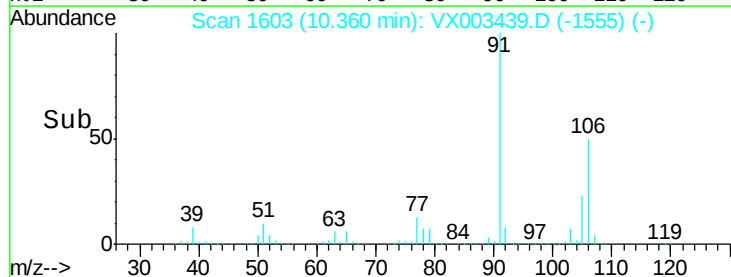
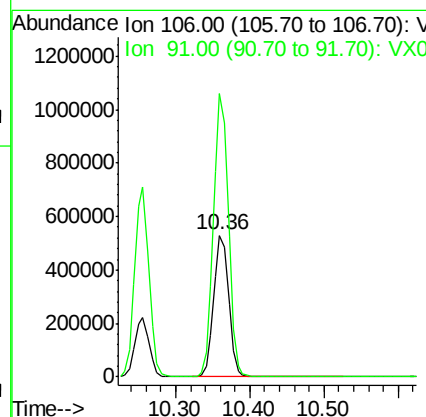
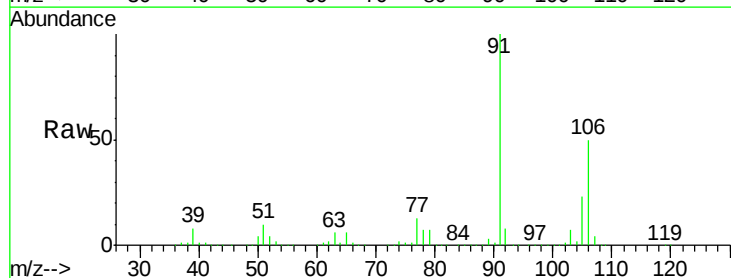
Instrument :
MSVOA_X
ClientSampled :

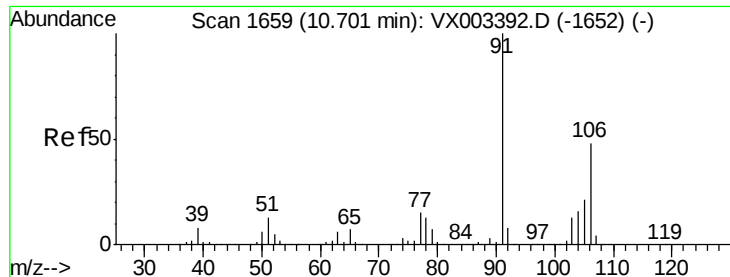
Tot Ion: 91 Resp: 935673
Ion Ratio Lower Upper
91 100
106 31.2 25.5 38.3



#68
m/p-Xylenes
Concen: 100.22 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. -0.01 min
Lab File: VX003439.D
Acq: 18 Jul 2018 11:05

Tgt Ion: 106 Resp: 731123
Ion Ratio Lower Upper
106 100
91 199.6 163.4 245.2

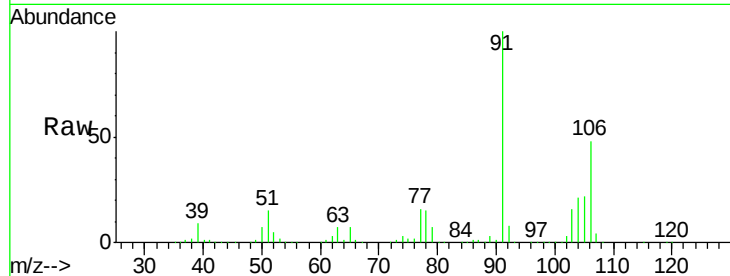




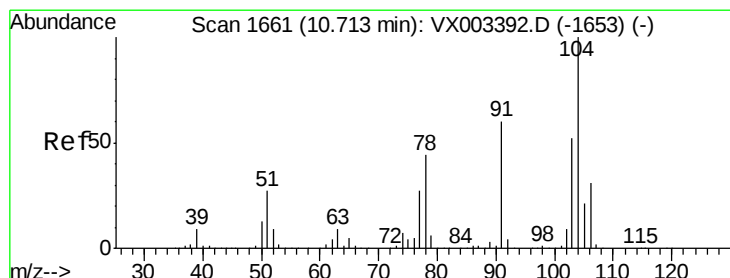
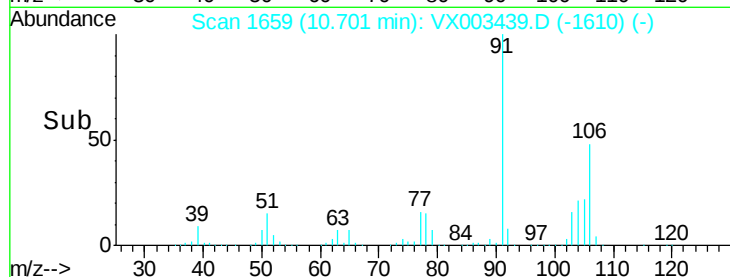
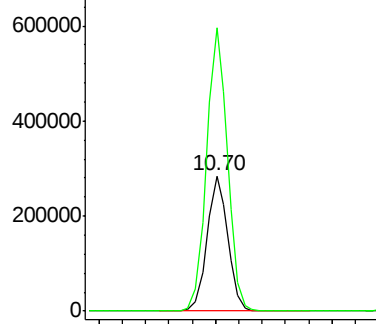
#69
o-Xylene
Concen: 50.35 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX003439.D
Acq: 18 Jul 2018 11:05

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:106 Resp: 352777
Ion Ratio Lower Upper
106 100
91 210.6 108.2 324.6

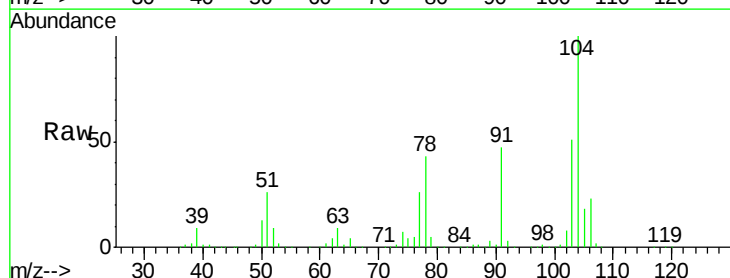


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

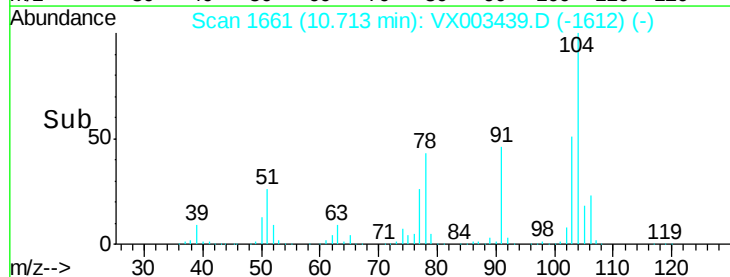
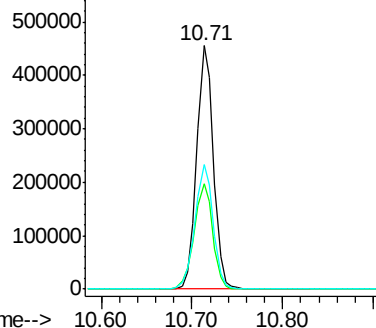


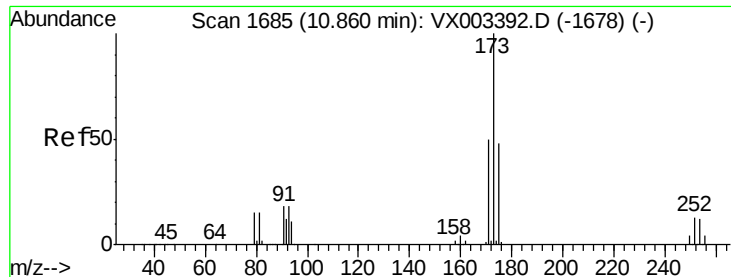
#70
Styrene
Concen: 50.62 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX003439.D
Acq: 18 Jul 2018 11:05

Tgt Ion:104 Resp: 583789
Ion Ratio Lower Upper
104 100
78 48.2 41.0 61.6
103 55.9 44.2 66.4



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

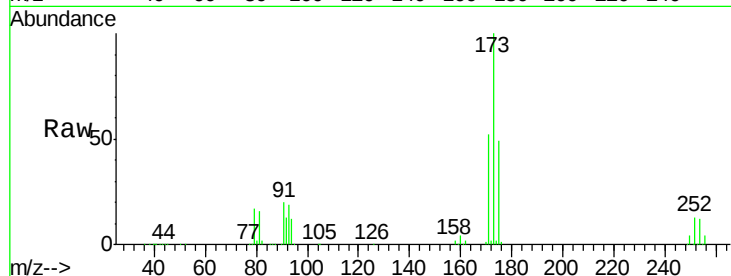




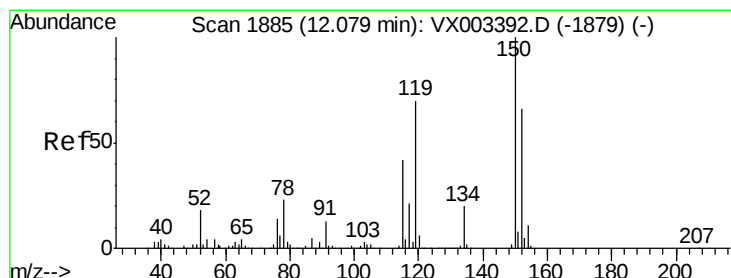
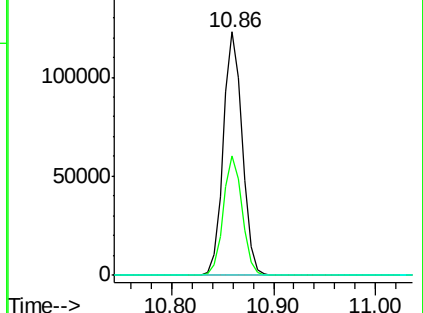
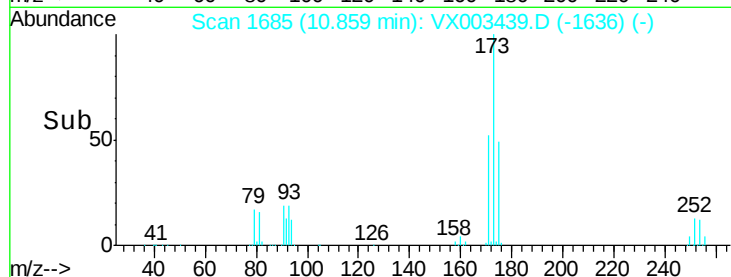
#71
Bromoform
Concen: 48.19 ug/l
RT: 10.86 min Scan# 1685
Delta R.T. -0.00 min
Lab File: VX003439.D
Acq: 18 Jul 2018 11:05

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:173 Resp: 158994
Ion Ratio Lower Upper
173 100
175 48.6 24.7 74.1
254 0.2 0.2 0.2

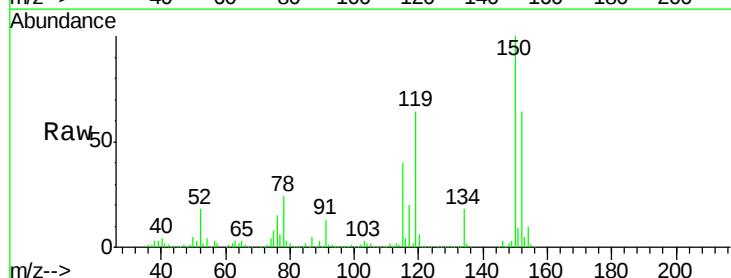


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

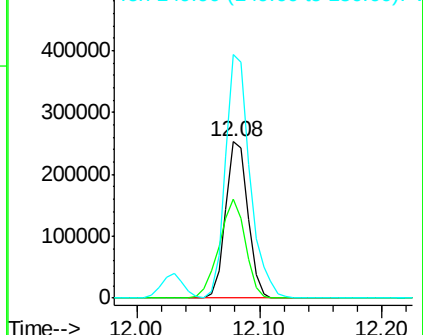
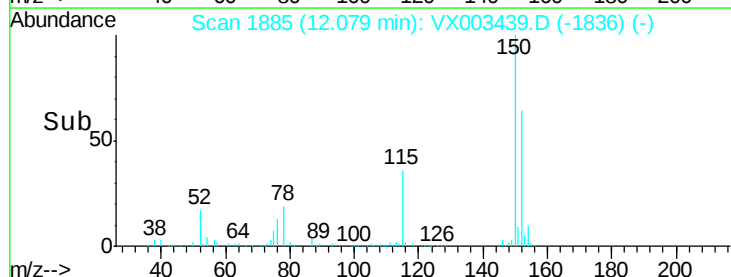


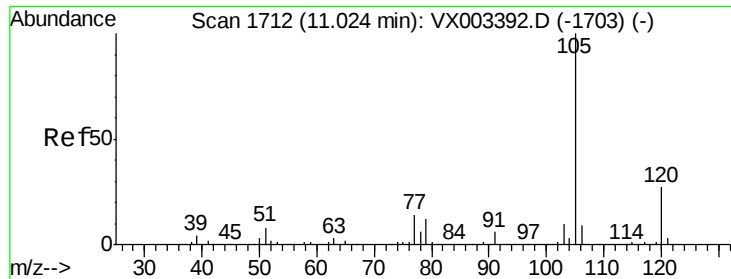
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX003439.D
Acq: 18 Jul 2018 11:05

Tgt Ion:152 Resp: 316886
Ion Ratio Lower Upper
152 100
115 74.9 40.1 120.2
150 171.3 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: 47.01 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX003439.D

Acq: 18 Jul 2018 11:05

Instrument :

MSVOA_X

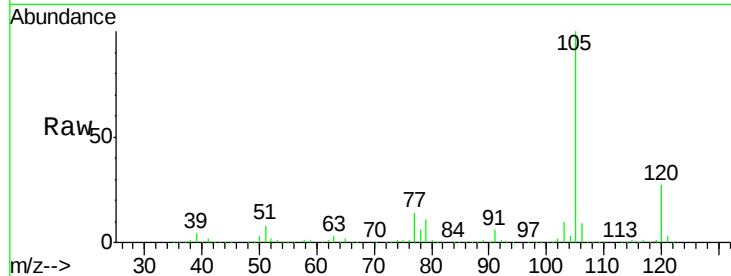
ClientSampleId :

Tot Ion:105 Resp: 953932

Ion Ratio Lower Upper

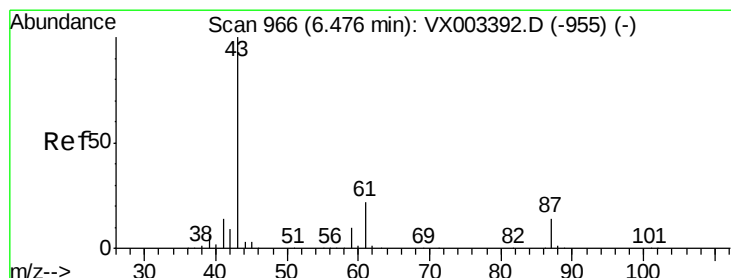
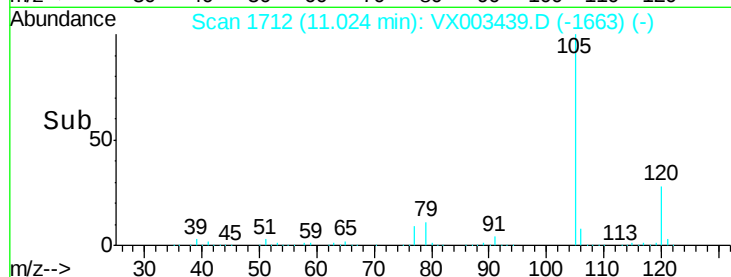
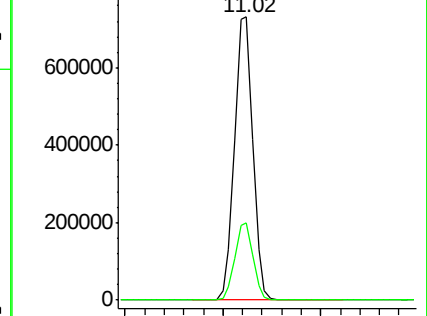
105 100

120 27.1 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 40.97 ug/l

RT: 6.46 min Scan# 964

Delta R.T. -0.01 min

Lab File: VX003439.D

Acq: 18 Jul 2018 11:05

Tgt Ion: 43 Resp: 399731

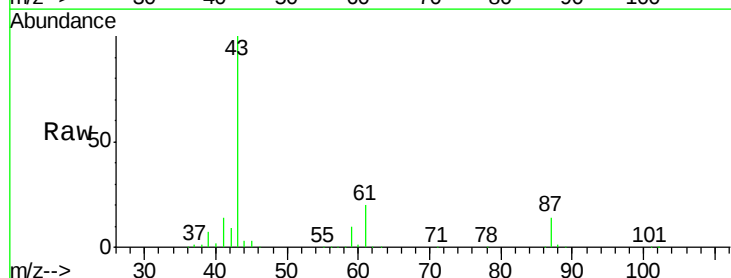
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.1 0.0 0.0#

61 20.7 14.4 21.6

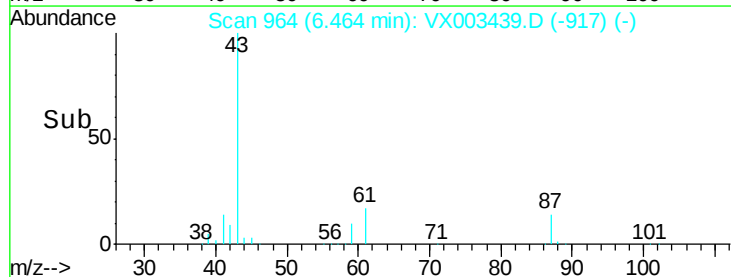
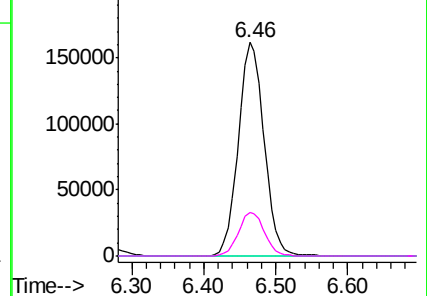


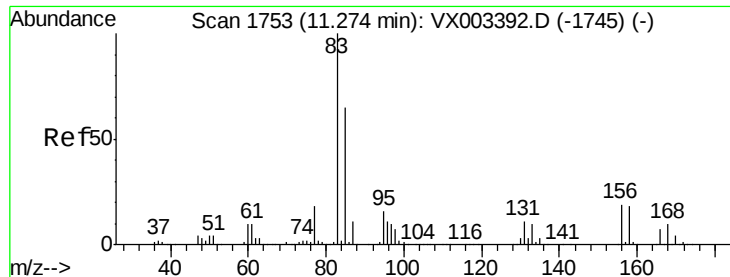
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 41.90 ug/l

RT: 11.27 min Scan# 1752

Delta R.T. -0.01 min

Lab File: VX003439.D

Acq: 18 Jul 2018 11:05

Instrument :

MSVOA_X

ClientSampled :

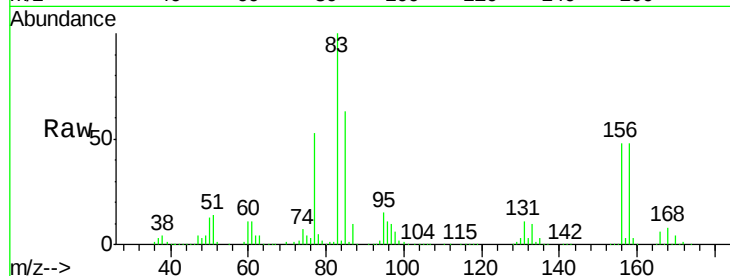
Tot Ion: 83 Resp: 280618

Ion Ratio Lower Upper

83 100

131 11.0 5.6 16.8

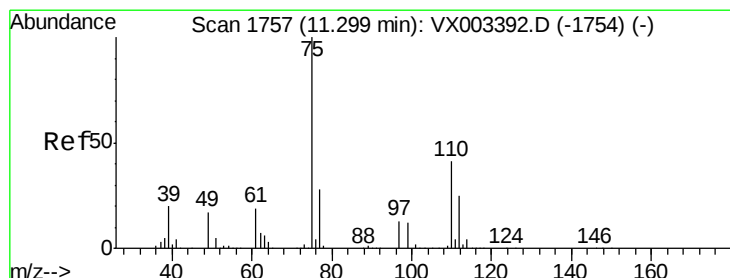
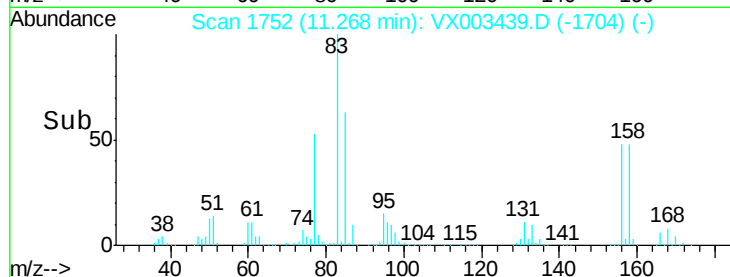
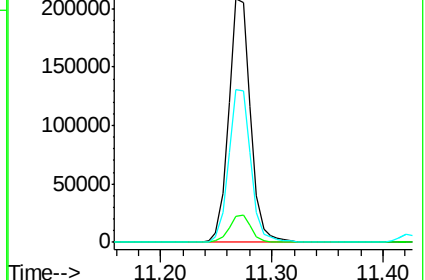
85 63.8 32.4 97.2



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: 58.12 ug/l

RT: 11.30 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VX003439.D

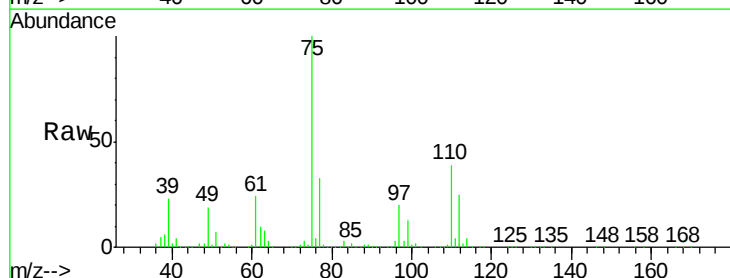
Acq: 18 Jul 2018 11:05

Tgt Ion: 75 Resp: 333398

Ion Ratio Lower Upper

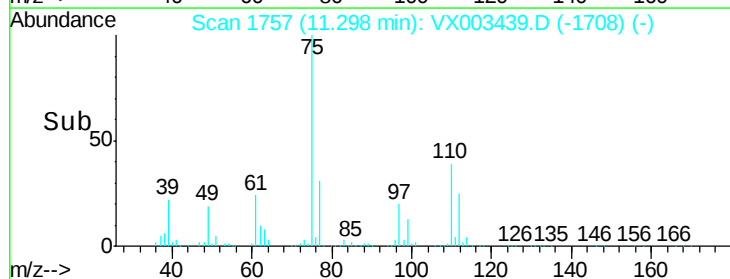
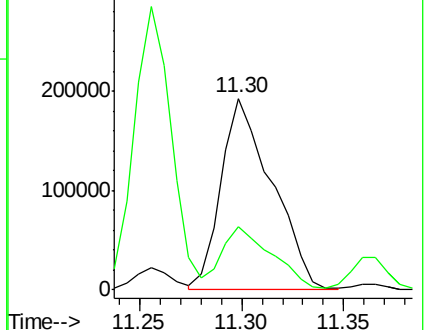
75 100

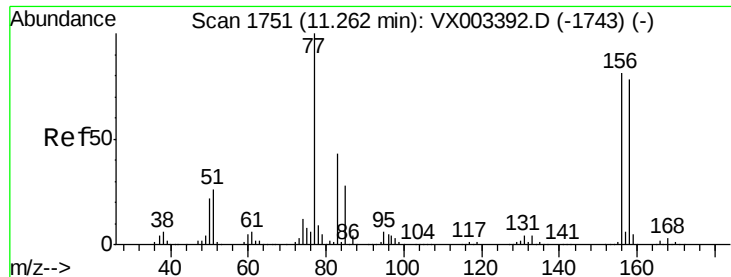
77 32.6 22.8 68.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 44.91 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. -0.01 min

Lab File: VX003439.D

Acq: 18 Jul 2018 11:05

Instrument :

MSVOA_X

ClientSampleId :

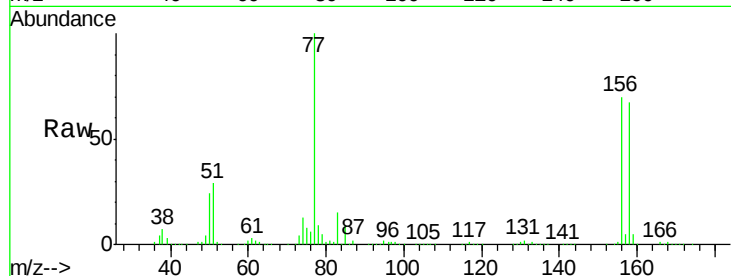
Tot Ion:156 Resp: 258801

Ion Ratio Lower Upper

156 100

77 139.7 71.4 214.2

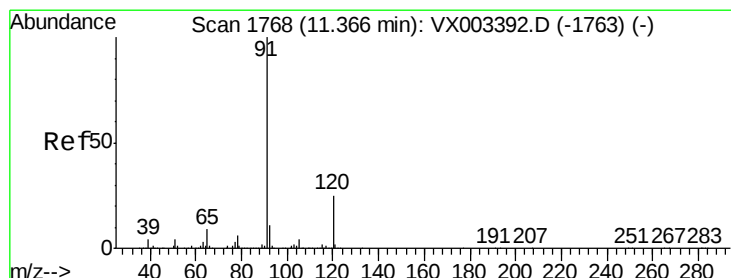
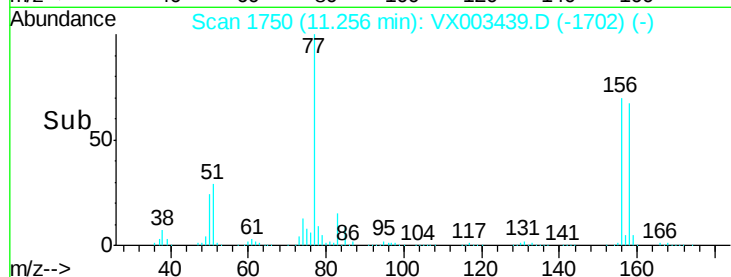
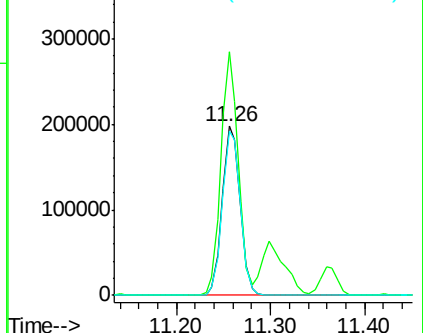
158 98.1 48.9 146.6



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: 48.41 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX003439.D

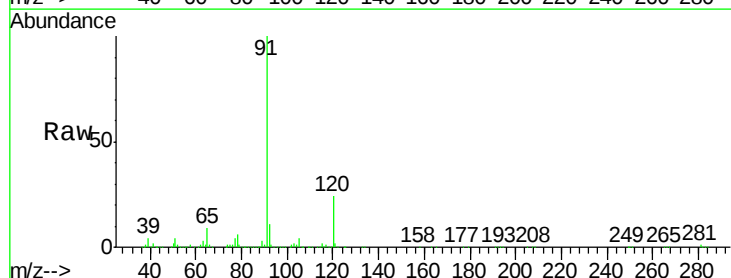
Acq: 18 Jul 2018 11:05

Tgt Ion: 91 Resp: 1097420

Ion Ratio Lower Upper

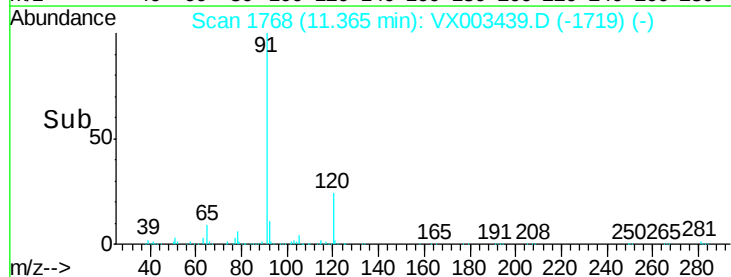
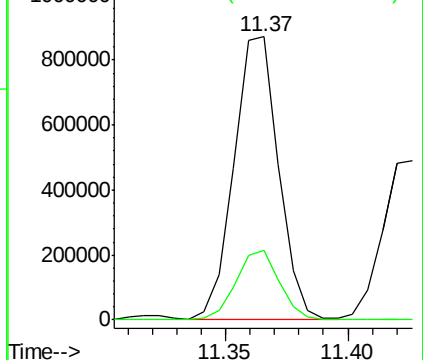
91 100

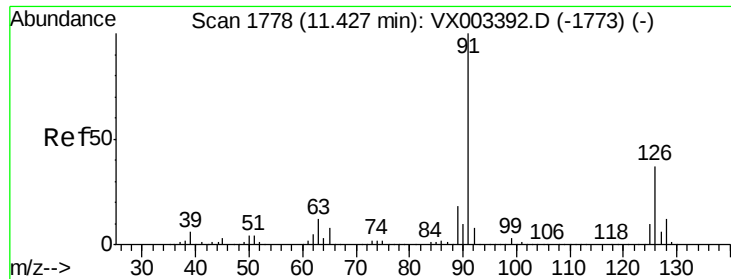
120 24.1 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 46.04 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX003439.D

Acq: 18 Jul 2018 11:05

Instrument :

MSVOA_X

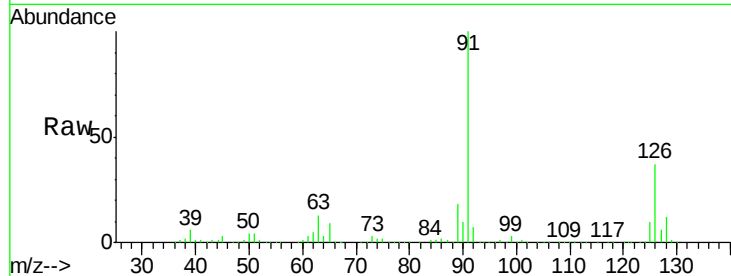
ClientSampleId :

Tot Ion: 91 Resp: 639822

Ion Ratio Lower Upper

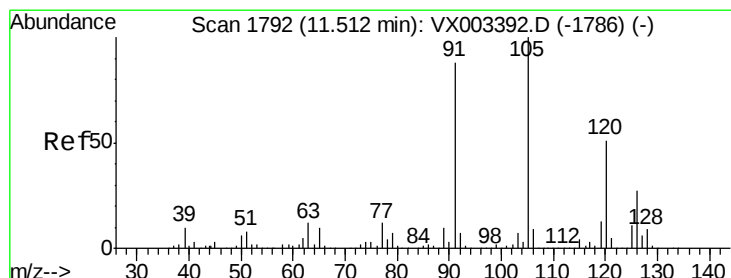
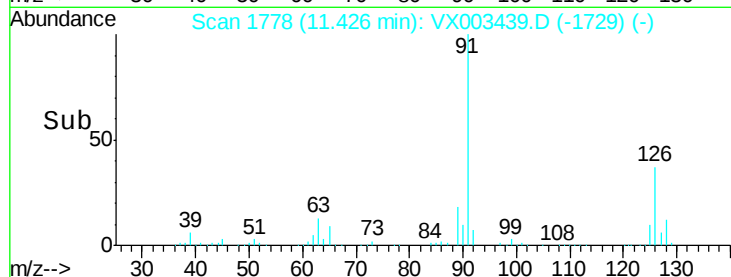
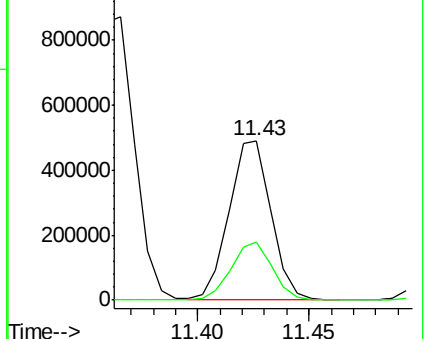
91 100

126 35.9 17.7 53.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 48.23 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX003439.D

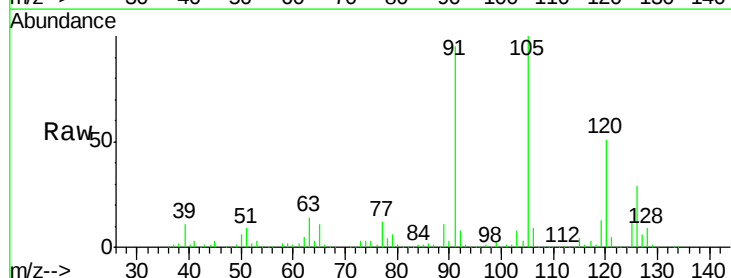
Acq: 18 Jul 2018 11:05

Tgt Ion: 105 Resp: 799418

Ion Ratio Lower Upper

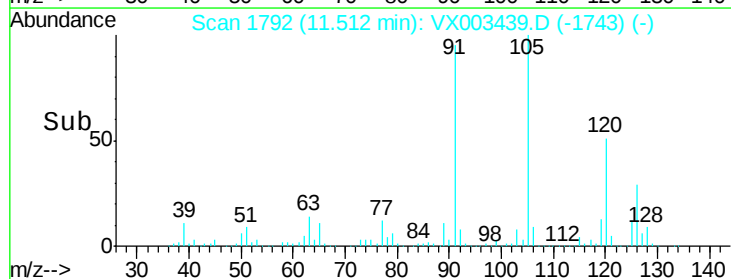
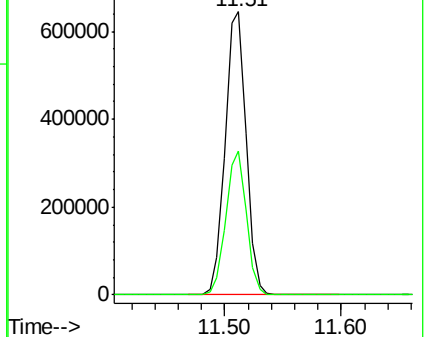
105 100

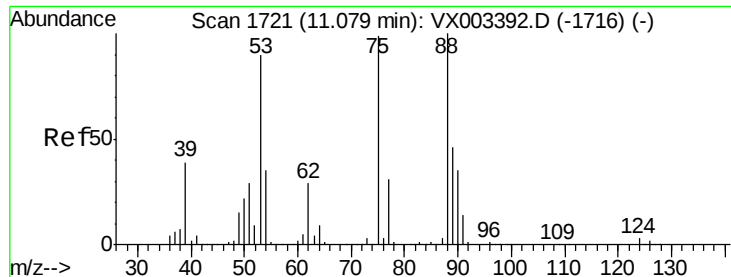
120 49.7 24.4 73.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

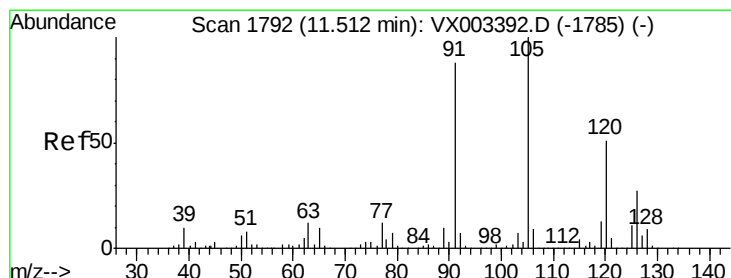
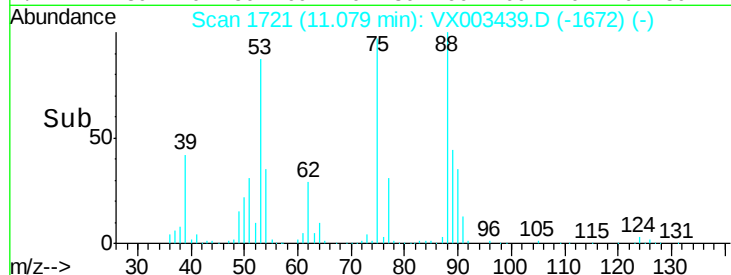
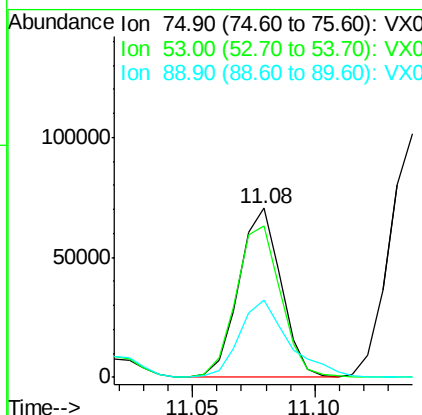
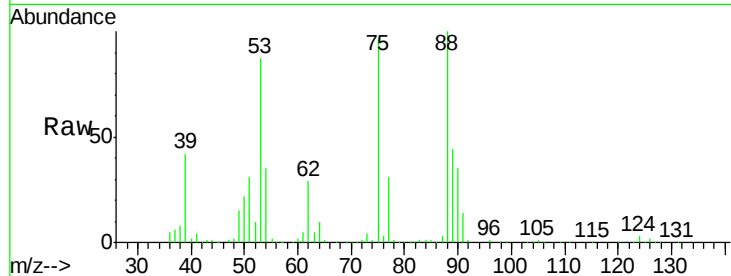




#81
trans-1,4-Dichloro-2-butene
Concen: 47.85 ug/l
RT: 11.08 min Scan# 1721
Delta R.T. -0.00 min
Lab File: VX003439.D
Acq: 18 Jul 2018 11:05

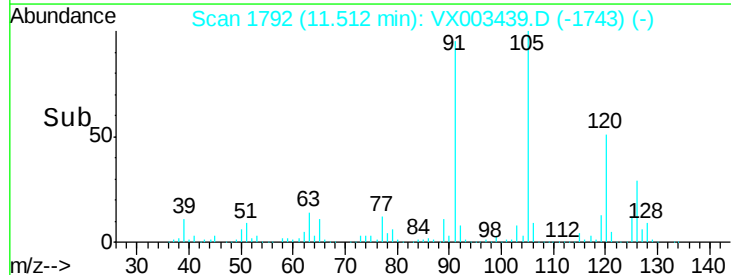
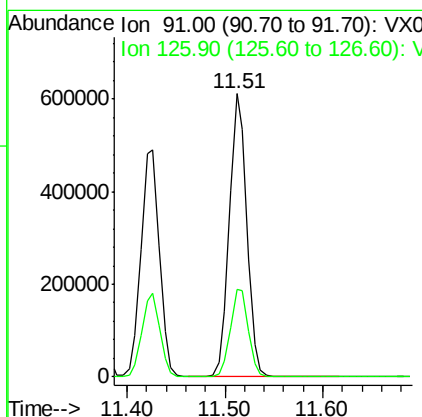
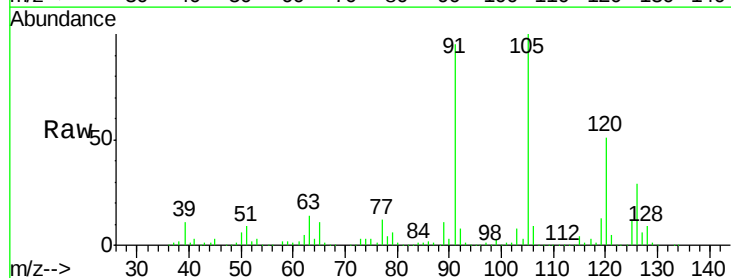
Instrument :
MSVOA_X
ClientSampleId :

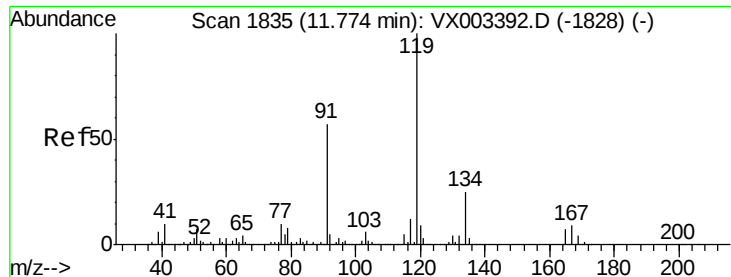
Tot Ion: 75 Resp: 84499
Ion Ratio Lower Upper
75 100
53 95.5 86.8 130.2
89 53.9 38.2 57.2



#82
4-Chlorotoluene
Concen: 46.79 ug/l
RT: 11.51 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX003439.D
Acq: 18 Jul 2018 11:05

Tgt Ion: 91 Resp: 758749
Ion Ratio Lower Upper
91 100
126 31.8 15.4 46.4

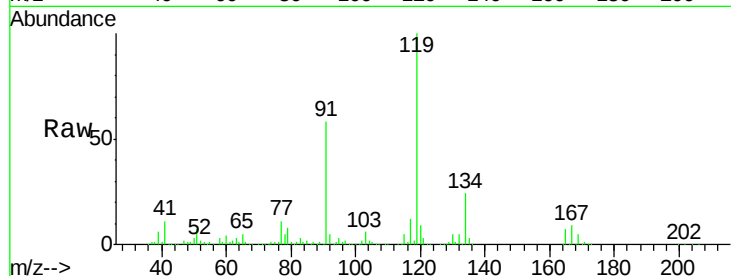




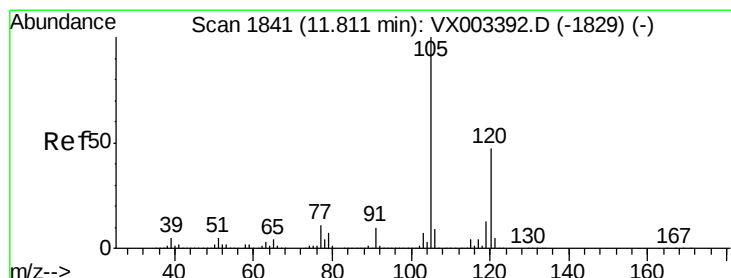
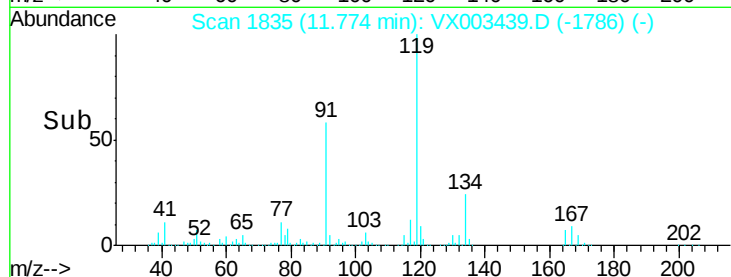
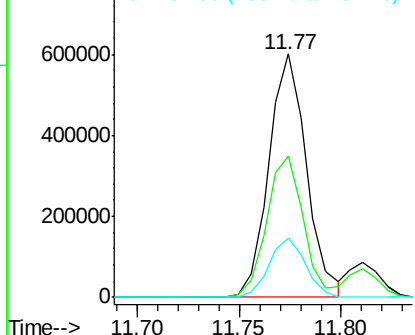
#83
tert-Butylbenzene
Concen: 47.67 ug/l
RT: 11.77 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX003439.D
Acq: 18 Jul 2018 11:05

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:119 Resp: 772179
Ion Ratio Lower Upper
119 100
91 55.9 30.3 90.9
134 23.7 11.7 35.1

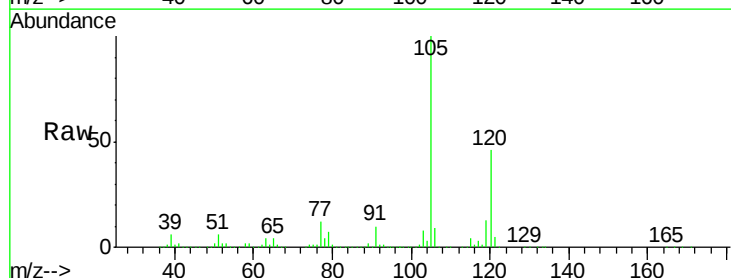


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): VX
Ion 134.00 (133.70 to 134.70): V

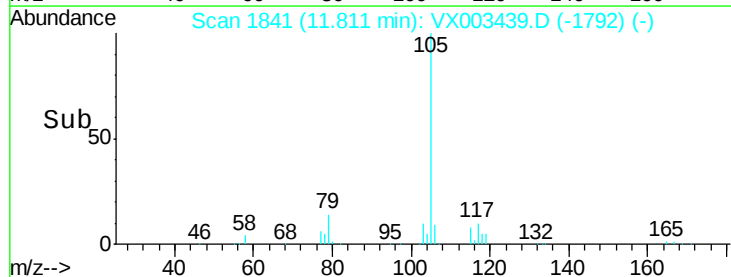
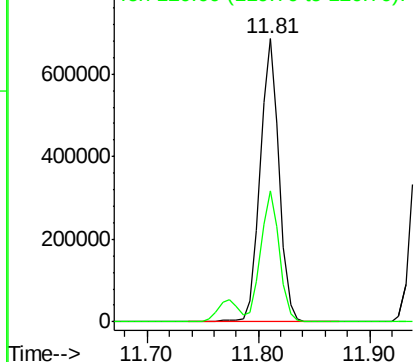


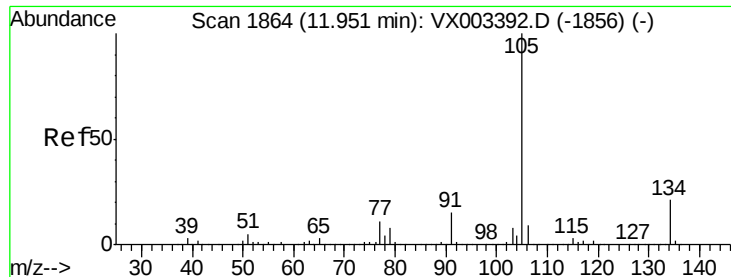
#84
1,2,4-Trimethylbenzene
Concen: 47.79 ug/l
RT: 11.81 min Scan# 1841
Delta R.T. -0.00 min
Lab File: VX003439.D
Acq: 18 Jul 2018 11:05

Tgt Ion:105 Resp: 813645
Ion Ratio Lower Upper
105 100
120 46.1 22.3 66.8



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 48.48 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VX003439.D

Acq: 18 Jul 2018 11:05

Instrument :

MSVOA_X

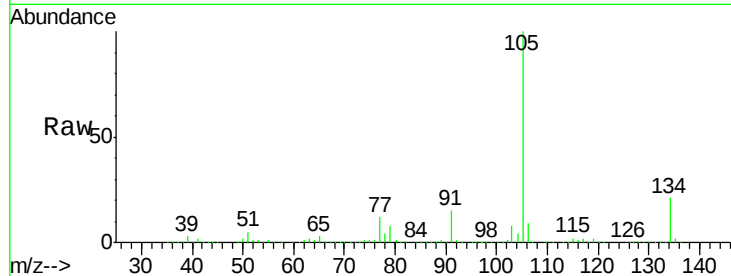
ClientSampled :

Tot Ion:105 Resp: 952658

Ion Ratio Lower Upper

105 100

134 20.8 10.4 31.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

800000

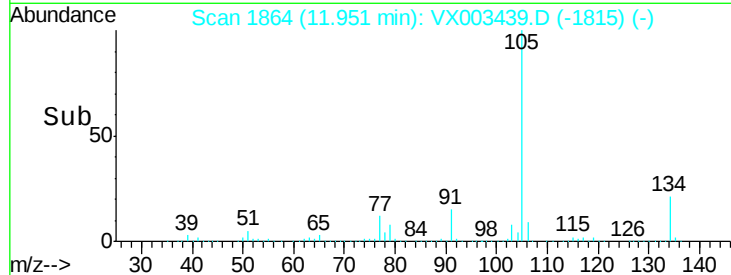
600000

400000

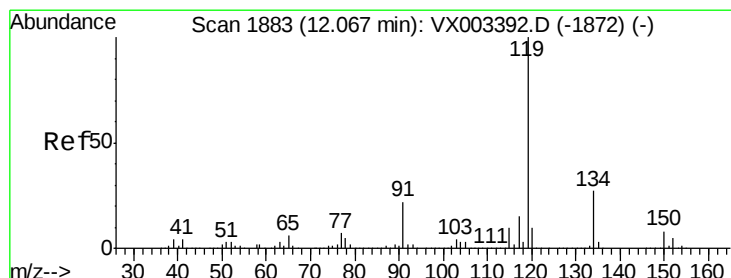
200000

0

11.90 11.95 12.00



Time-->



#86

p-Isopropyltoluene

Concen: 51.57 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VX003439.D

Acq: 18 Jul 2018 11:05

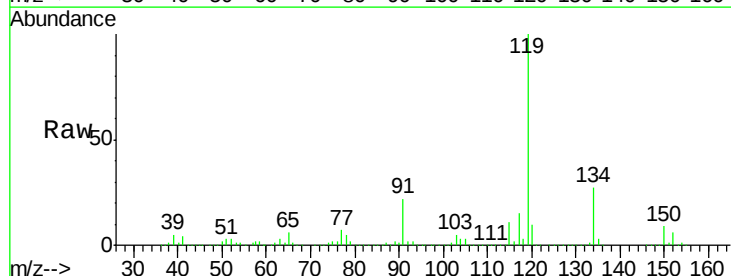
Tgt Ion:119 Resp: 902072

Ion Ratio Lower Upper

119 100

134 26.9 13.4 40.1

91 21.7 11.9 35.7



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

1000000

800000

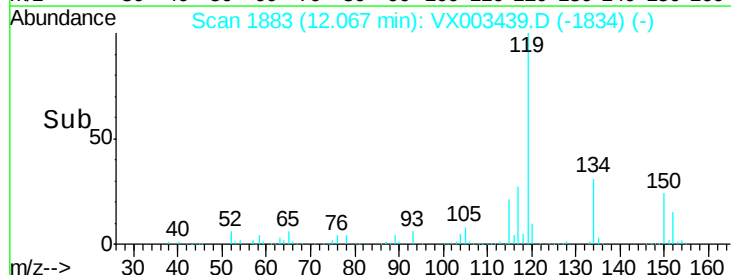
600000

400000

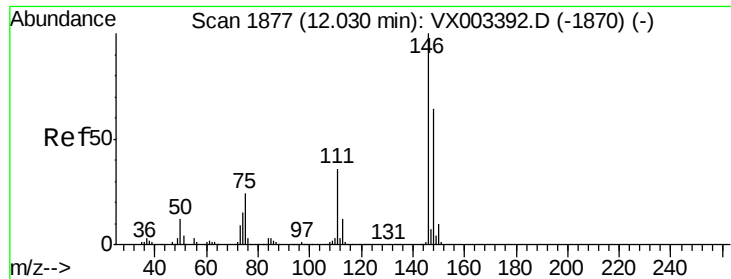
200000

0

11.90 12.00 12.10 12.20



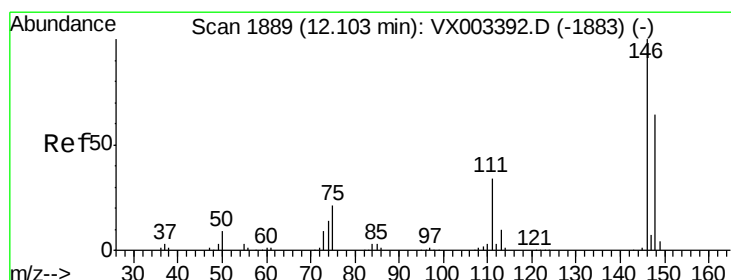
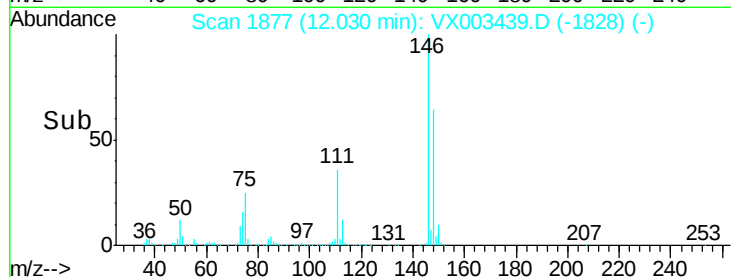
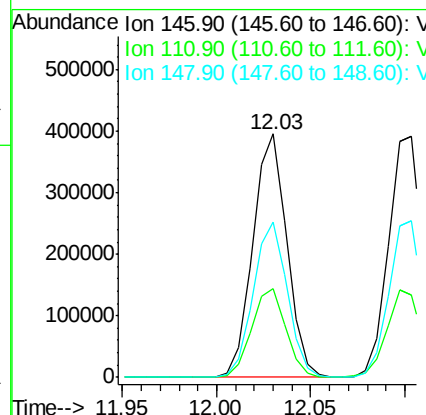
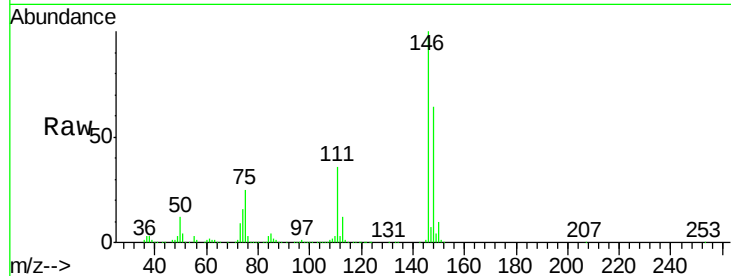
Time-->



#87
 1,3-Dichlorobenzene
 Concen: 46.85 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: VX003439.D
 Acq: 18 Jul 2018 11:05

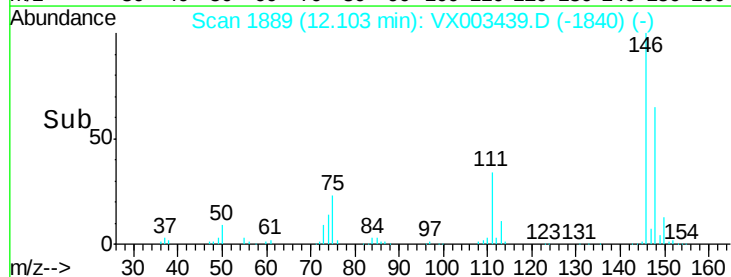
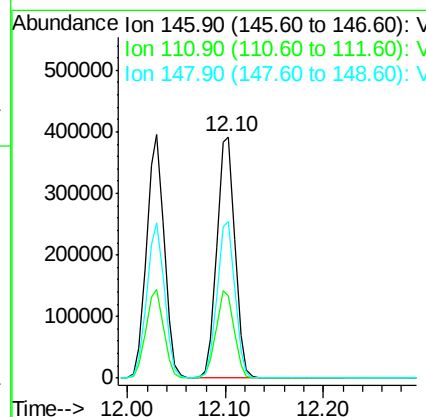
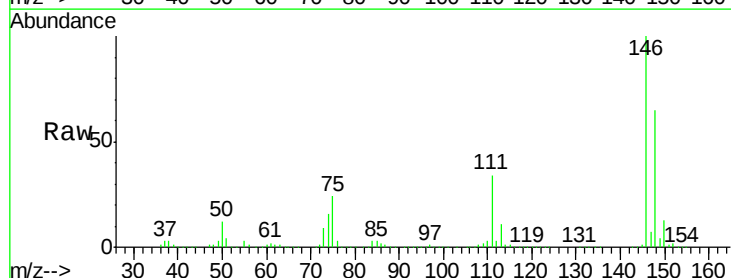
Instrument :
 MSVOA_X
 ClientSampleId :

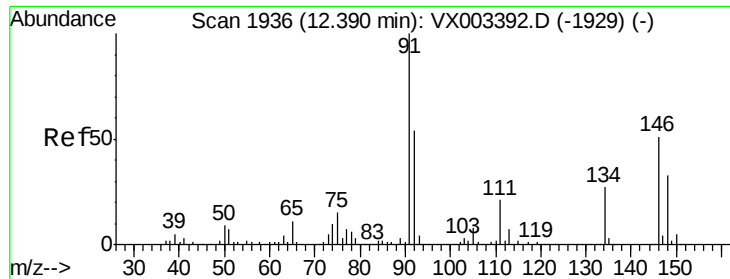
Tot Ion:146 Resp: 494111
 Ion Ratio Lower Upper
 146 100
 111 37.0 18.9 56.7
 148 63.9 32.1 96.3



#88
 1,4-Dichlorobenzene
 Concen: 47.00 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. -0.00 min
 Lab File: VX003439.D
 Acq: 18 Jul 2018 11:05

Tgt Ion:146 Resp: 503387
 Ion Ratio Lower Upper
 146 100
 111 36.1 18.7 56.1
 148 64.0 32.4 97.0





#89

n-Butylbenzene

Concen: 51.02 ug/l

RT: 12.39 min Scan# 1936

Delta R.T. -0.00 min

Lab File: VX003439.D

Acq: 18 Jul 2018 11:05

Instrument :

MSVOA_X

ClientSampled :

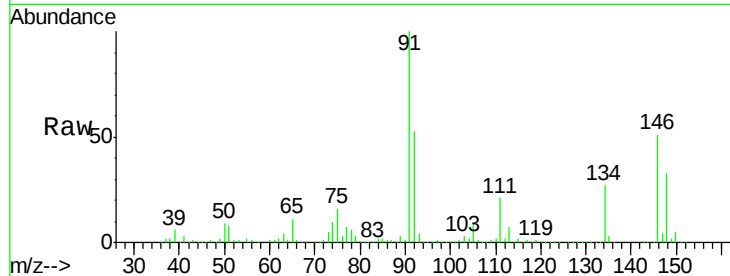
Tot Ion: 91 Resp: 760294

Ion Ratio Lower Upper

91 100

92 52.9 26.0 78.0

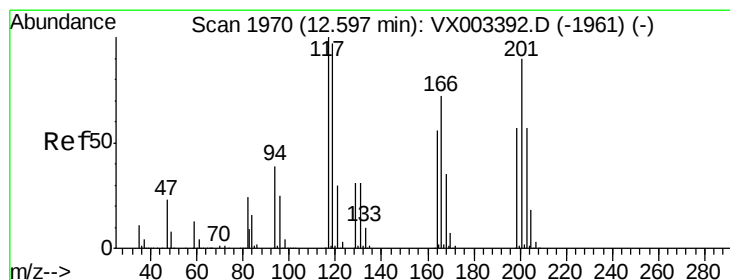
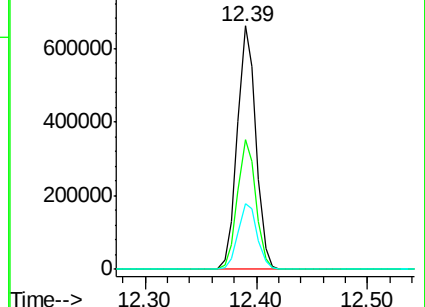
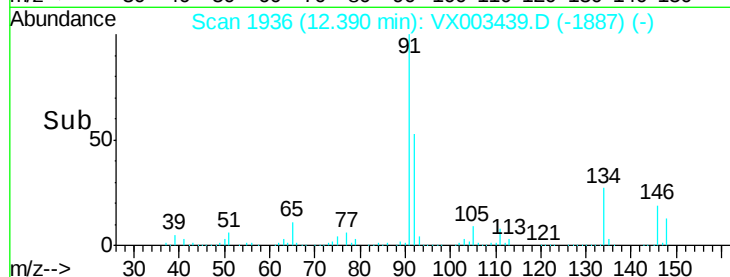
134 27.7 13.5 40.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 46.98 ug/l

RT: 12.60 min Scan# 1970

Delta R.T. -0.00 min

Lab File: VX003439.D

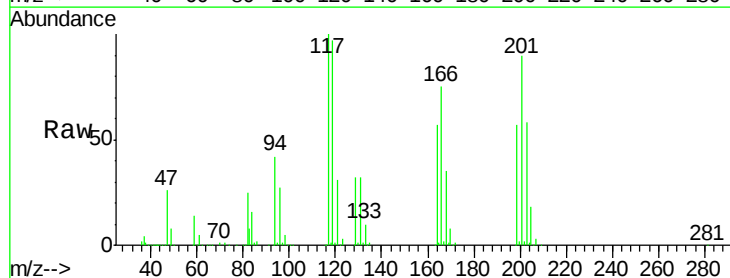
Acq: 18 Jul 2018 11:05

Tgt Ion: 117 Resp: 124510

Ion Ratio Lower Upper

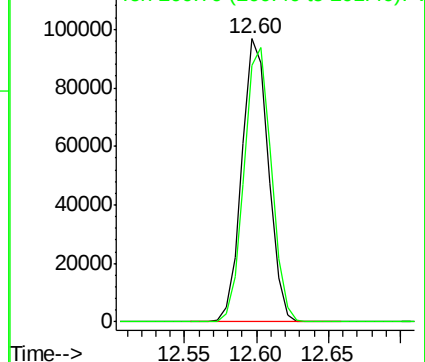
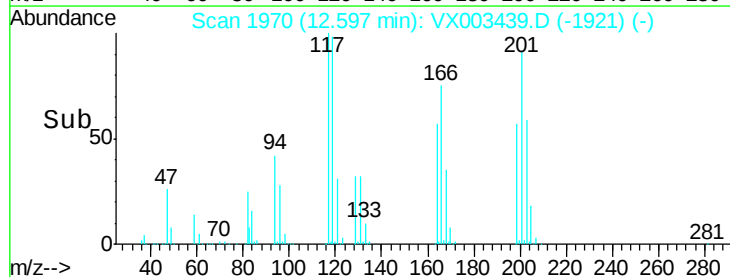
117 100

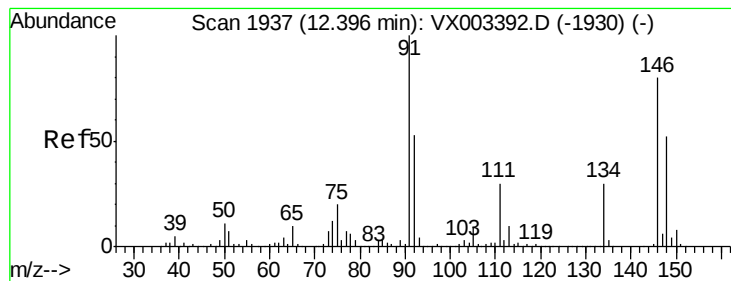
201 98.2 49.0 147.0



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V





#91

1,2-Dichlorobenzene

Concen: 45.90 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VX003439.D

Acq: 18 Jul 2018 11:05

Instrument :

MSVOA_X

ClientSampleId :

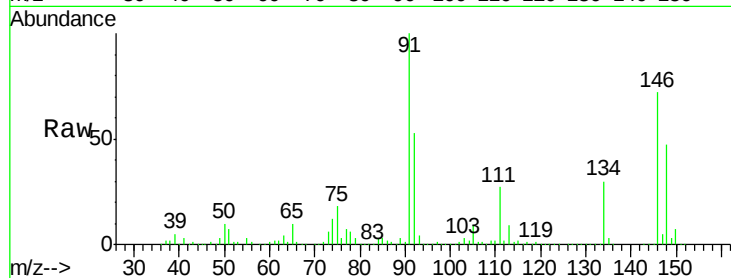
Tot Ion:146 Resp: 486238

Ion Ratio Lower Upper

146 100

111 38.5 19.4 58.1

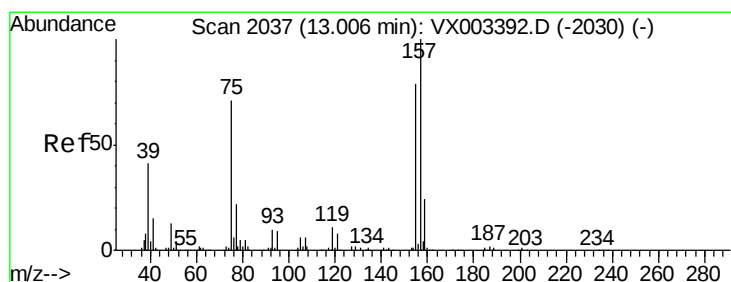
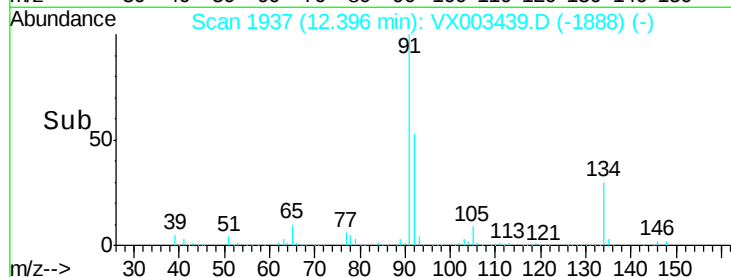
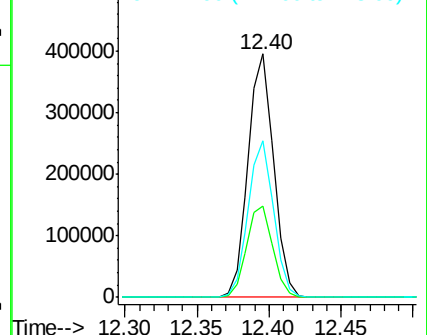
148 64.0 31.7 95.1



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 42.29 ug/l

RT: 13.01 min Scan# 2037

Delta R.T. -0.00 min

Lab File: VX003439.D

Acq: 18 Jul 2018 11:05

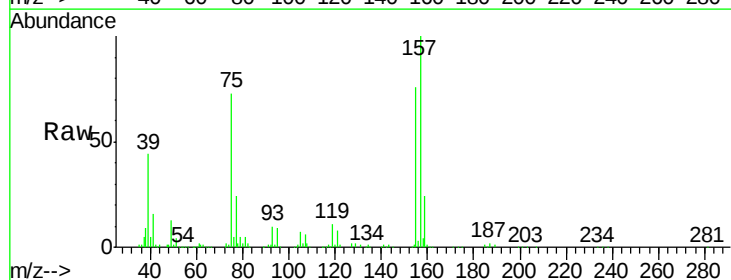
Tgt Ion: 75 Resp: 58928

Ion Ratio Lower Upper

75 100

155 100.1 45.8 137.4

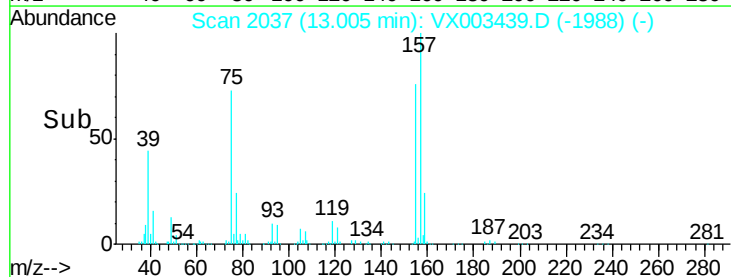
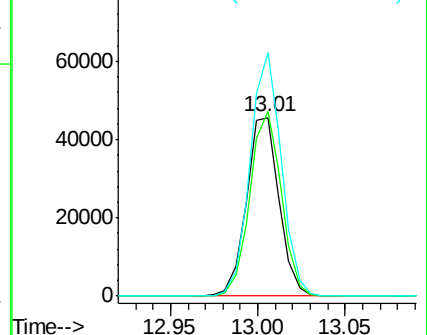
157 130.7 60.1 180.3

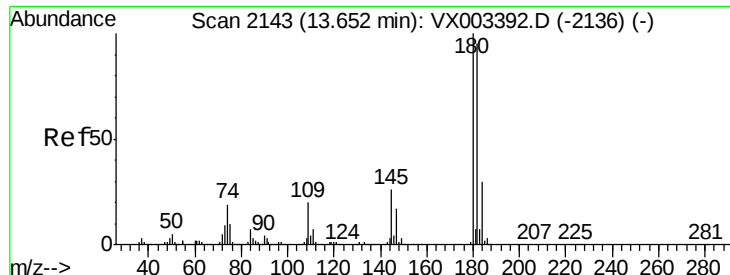


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

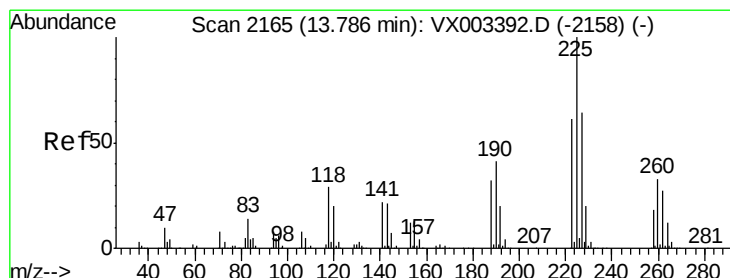
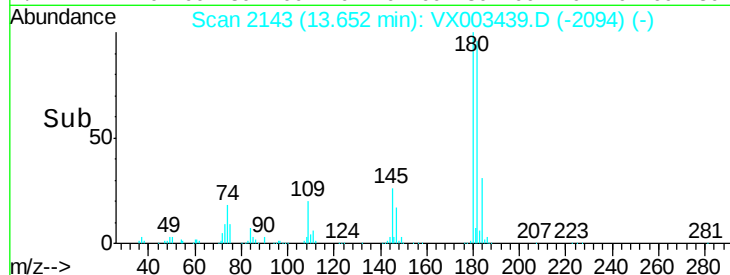
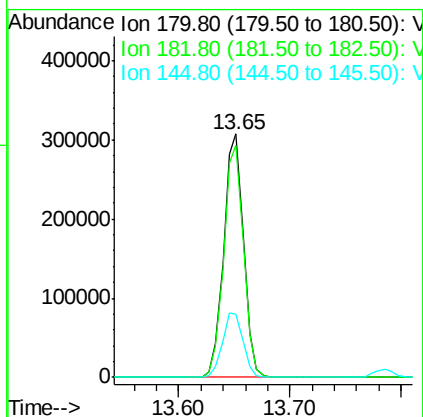
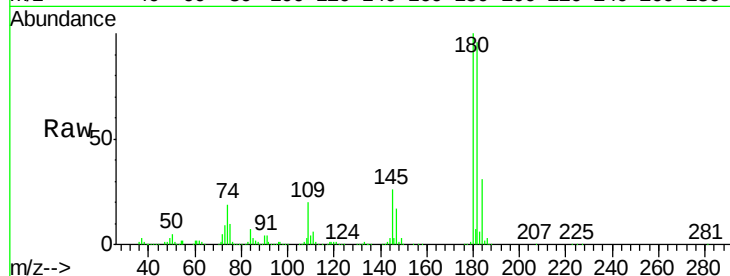




#93
 1,2,4-Trichlorobenzene
 Concen: 51.88 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX003439.D
 Acq: 18 Jul 2018 11:05

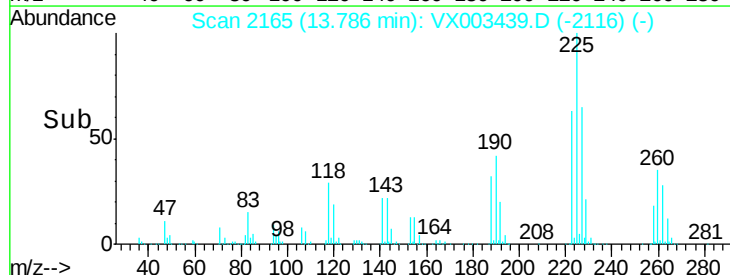
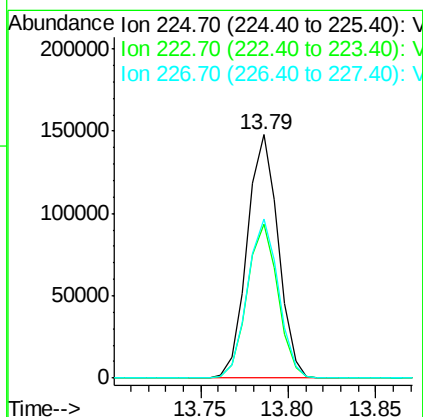
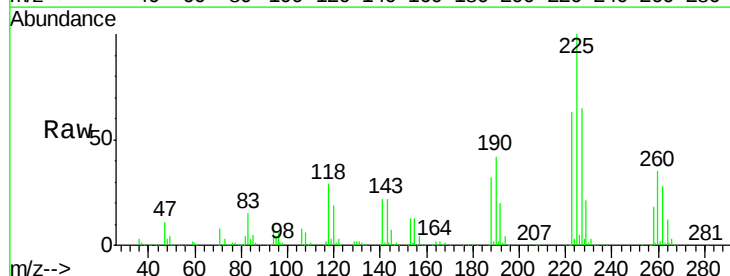
Instrument :
 MSVOA_X
 ClientSampleId :

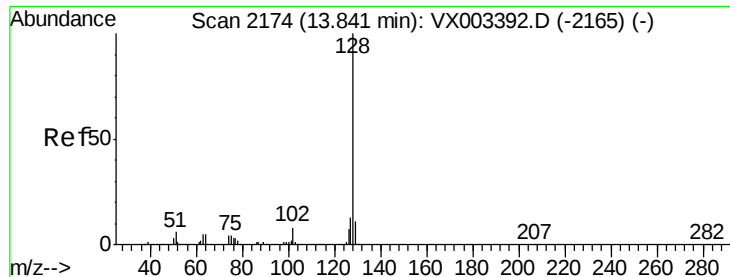
Tot Ion:180 Resp: 376098
 Ion Ratio Lower Upper
 180 100
 182 95.6 47.7 143.1
 145 27.6 14.1 42.4



#94
 Hexachlorobutadiene
 Concen: 52.24 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VX003439.D
 Acq: 18 Jul 2018 11:05

Tgt Ion:225 Resp: 182279
 Ion Ratio Lower Upper
 225 100
 223 62.5 31.6 95.0
 227 65.2 32.4 97.2





#95

Naphthalene

Concen: 49.58 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX003439.D

Acq: 18 Jul 2018 11:05

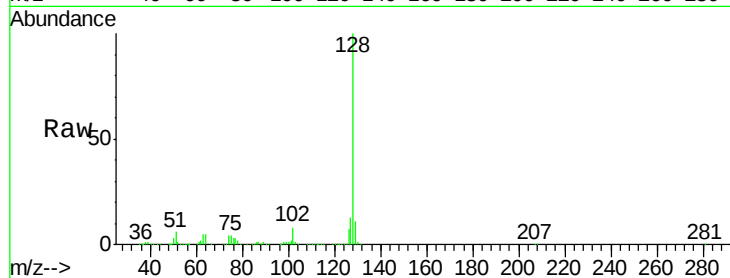
Instrument :

MSVOA_X

ClientSampleId :

Tot Ion:128 Resp: 1030101

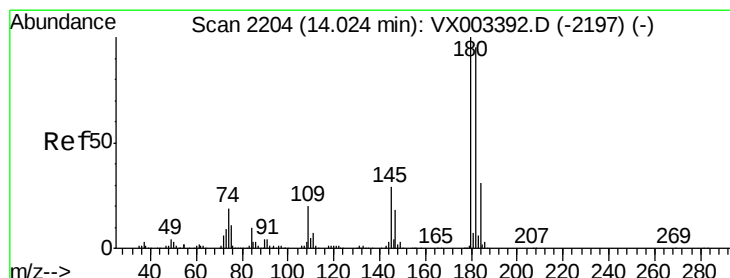
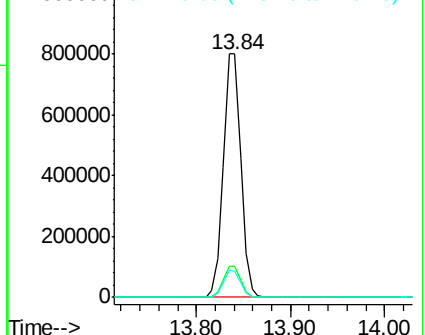
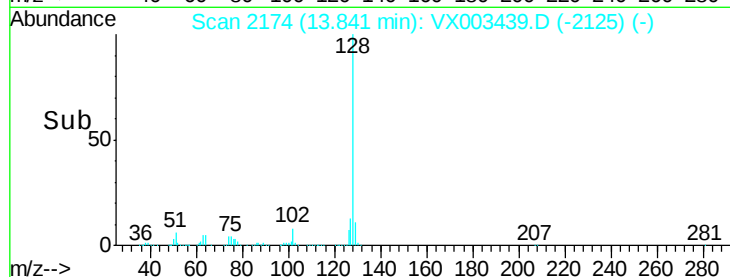
Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.4	15.6
129	10.8	8.6	13.0



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: 49.72 ug/l

RT: 14.02 min Scan# 2204

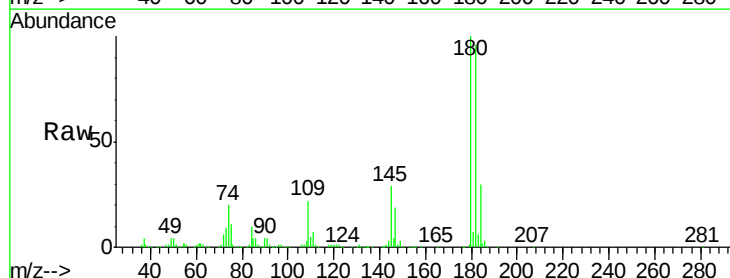
Delta R.T. -0.00 min

Lab File: VX003439.D

Acq: 18 Jul 2018 11:05

Tgt Ion:180 Resp: 370690

Ion	Ratio	Lower	Upper
180	100		
182	96.1	48.0	144.0
145	29.4	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

